INDEX OF PATENTS

T
223
D7
NMAH

ISSUED FROM

THE UNITED STATES PATENT OFFICE

1951

UNITED STATES
GOVERNMENT PRINTING OFFICE
WASHINGTON : 1952

For sale by the Superintendent of Documents, U. S. Government Printing Office, Washington 25, D. C.
$5.00 (Paper cover); $6.00 (Buckram)

CONTENTS

	Page
List of Patentees (includes Reissues)	3
List of Design Patentees	855
List of Plant Patentees	917
List of Abstracts of Applications	919
List of Disclaimers	927
List of Inventions (includes Reissues)	931
List of Design Inventions	1325
List of Plant Inventions	1351
List of Abstracts of Applications arranged by Inventions	1353
List of Disclaimers arranged by Inventions	1357
Decisions Published in the Official Gazette in 1951	1359

1951

PATENTS ISSUED

Patents	44,363—No.	2,536,016 to No.	2,580,378 [1]	inclusive.
Designs	4,164—No.	161,404 to No.	165,567 [2]	inclusive.
Reissues	134—No.	23,315 to No.	23,448	inclusive.
Plant Patents	58—No.	1,001 to No.	1,058	inclusive.

[1] Includes 37 withdrawn.
[2] Includes 1 withdrawn.

1951

LIST OF PATENTEES

This list includes reissue patentees

Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

A. Ablstrom Osakeyhteo, Karhula Bruk, assignee: *See*— Qveflander, Thor G.

A-B-C-Packaging Machine Corporation, assignee: *See*— Neal, Morris P.

A. B. Svenska Flaktfabriken, assignee: *See*— Frisk, Nils P. W.
Wallin, Sven W.
Wästvind, Allan U., and Andersson.

A/B Svenska Maskinverken, assignee: *See*— Dalin, David, and Wängsjö.

ACF-Brill Motors Company, assignee: *See*— Flogaus, Howard A.

A. C. I. Plastics Proprietary Limited, assignee: *See*— Fienberg, Nathan, and Calder.

A-1 Bit & Tool Company, assignee: *See*— Yancey, John R., and Robishaw.

APA Prospekt A-G., assignee: *See*— Rösli, Jacques.

A P Controls Corporation, assignee: *See*— Aughey, Clarence L., and McCarty.
Biermann, William A., and McCarty.
Biermann, William A., and Pawelsky.
Ehlke, Edward C.
Johnson, Roy W., and McCarty.
Pawelsky, Vernon R., McCarty, Biermann, and Dulak.

A. P. V. Company Limited, The, assignee: *See*— Seligman, Richard, and Paine.

A/S Grindstedvaerket, assignee: *See*— Herlow, Anders.
Herlöw, Anders.

ATF Incorporated, assignee: *See*— Falconer, Robert W.
Hili, John P.
Saling, Donald M.

A. T. S. Company Limited, assignee: *See*— Fisher, Mark.

A. V. Roe Canada Limited, assignee: *See*— Williams, Frederick D. M.

A. W. Machine Company, assignee: *See*— Andrew, Charles, and Waitkens.

Aab, William, New Ulm, Minn. Cord-supporting device. 2,579,062, Dec. 18.

Aaby, Oscar L., Woodville, Wis. Bathtub supply bracket. 2,537,437, Jan. 9.

Aaero Manufacturing Co., assignee: *See*— Augspurger, Luther S., and Hasse.

Aagesen, Louis E., Joliet, Ill. Fault detector for shotgun users. 2,569,594, Oct. 2.

Aakjer, Jens J.: *See*— Leuzarder, John B., Aakjer, and Knochel.

Aarestad, Stanley T., Jamestown, N. Dak. Folding crib. 2,574,610, Nov. 13.

Aasland, John L.: *See*— Karlsson, Elof K., and Aasland.

Aasland, John L., Moline, Ill., assignor to International Harvester Company. Control for agricultural field harvesting implements. 2,544,911, Mar. 13.

Aasland, John L., Moline, Ill., assignor to International Harvester Company. Rotary stalk cutter and shredder. 2,573,887, Nov. 6.

Aasted, Kai C. S., Gentofte, Copenhagen, Denmark. Chocolate casting machine drive. 2,551,992, May 8.

Abarr, Garfield, Napa, Calif. Self-closing tube. 2,546,709, Mar. 27.

Abbe, Edward J., Cleveland Heights, assignor to The Elwell-Parker Electric Company, Cleveland, Ohio. Scoop mechanism for trucks. 2,569,740, Oct. 2.

Abbey, Edward R., Madison, Tenn. Vehicle jack. 2,543,264, Feb. 27.

Abbey, Nelson D., Toledo, Ohio. Adjusting mechanism for welding electrode rolls. 2,537,503, Jan. 9.

Abbey, Nelson D., Toledo, Ohio. Tube cutoff machine. 2,562,879, Aug. 7.

Abbot, Abraham E., New York, and H. W. Dryden, Malverne, assignors to Federal Telephone and Radio Corporation, New York, N. Y. Tunable high-frequency circuit. 2,542,974, Feb. 27.

Abbott, Albert J.: *See*— Gibbs, John H., Andersen, and Abbott.

Abbott, Andrew D.: *See*— Eckey, Eddy W., and Abbott.

Abbott, Arthur R., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Rotatable apron machine for treating hides and similar pieces of work. 2,553,537, May 22.

Abbott, Arthur R., Shelton, Conn., assignor to Sidney Blumenthal & Co., Inc., New York, N. Y. Electromagnetic shuttle protector system for looms. 2,556,785, June 12.

Abbott, Berenice, assignor to House of Photography, Inc., New York, N. Y. Distorting easel. 2,565,446, Aug. 21.

Abbott, Charles C., Englewood Cliffs, N. J. Expendable valve unit for surgical appliances. 2,538,662, Jan. 16.

Abbott, Claude H., Astoria, Oreg. Machine for successively cleaning both sides of centrifugal separator disks. 2,573,173, Oct. 30.

Abbott, Edward J., deceased, by S. L. Abbott, executor, assignor, by mesne assignments, to Abbott Worsted Mills, Incorporated, Wilton, N. H. Winding machine. 2,566,299, Sept. 4.

Abbott, Edward J., deceased, by S. L. Abbott, executor, assignor, by mesne assignments, to Abbott Worsted Mills, Incorporated, Wilton, N. H. Cutting tow. 2,570,184, Oct. 9.

Abbott, Edward J., assignor, by mesne assignments, to Abbott Worsted Mills, Incorporated, Wilton, N. H. Supplying yarn. 2,574,455, Nov. 13.

Abbott, Edward J., deceased, by S. L. Abbott, executor, assignor, by mesne assignments, to Abbott Worsted Mills, Incorporated, Wilton, N. H. Pressure dyeing apparatus for textile packages. 2,577,727, Dec. 11.

Abbott, Frank R., San Diego, Calif. Reversing rudder for small boats. 2,544,642, Mar. 13.

Abbott, Furman S., Montclair, N. J. Traveling platform conveyor. 2,555,838, June 5.

Abbott, Furman S., Montclair, N. J., assignor to Airkem, Inc., New York, N. Y. Controlled power operated diffuser. 2,558,329, June 26.

Abbott, Geoffrey J., Carshalton, England. Machine for cutting potatoes or other objects into chips or slices. 2,539,002, Jan. 23.

Abbott, Geoffrey J., Carshalton, England. Machine for cutting potatoes or like objects into chips or slices. 2,545,720, Mar. 20.

Abbott, Howard C., Chicago, Ill. Electrically heated mattress pad. 2,569,138, Sept. 25.

Abbott, Jack W., Merchantville, N. J. Paste dispenser in which two pivotally mounted members compress a collapsible tube between them. 2,537,008, Jan. 9.

Abbott, James C., Darien, Ga. Apparatus for shelling shrimp. 2,546,414, Mar. 27.

Abbott Laboratories, assignee: *See*— Clemence, Le Roy W., and Leffler.
De Rose, Anthony.
Fields, Mack R., and Roehr.
Kirchmeyer, Frederick J., and Moore.
Leffler, Marlin T.
Leffler, Martin T., and Krueger.
March, Bernice, and Moore.
Moore, Edmond E., and M. B.
Naidu, Pagadam N. E., and Murphy.
Paik, Arthur J.
Ryan, George R., and Young.
Spielman, Marvin A.
Spielman, Marvin A., and Rundell.
Weston, Arthur W.
Wilk, Immanuel J., and Spielman.
Young, Howard H., Loper, and Fields.

Abbott, Leslie S., Banstead, England, assignor to The Distillers Company Limited, Edinburgh, Scotland, Plasticization of vinyl chloride polymers. 2,553,996, May 22.

Abbott, Olney J., Jr.: *See*— Welte, Benedict, and Abbott.

Abbott, Perry L., Seaside, and O. G. Grove, Beaverton, Oreg. Holding down clamp for presses and ironing boards. 2,574,722, Nov. 13.

Abbott, Samuel L., executor: *See*— Abbott, Edward J.

Abbott, Scott M., assignor to Tenderet Corp., Chicago, Ill. Meat-tendering machine. 2,559,270, July 3.

Abbott, Thomas A., La Grange, and J. B. McMahon, Wilmette, Ill., assignors, by mesne assignments, to the United States of America as represented by the United States Atomic Energy Commission. Electric positioning-proportional floating control. 2,577,696, Dec. 4.

Abbott, William G., Jr., Milford, N. H. Separating, positioning, and uniting threads. 2,537,007, Jan. 9.

Abbott, William G., Jr., Wilton, N. H. Motion multiplying mechanism. 2,544,122, Mar. 6.

Abbott Worsted Mills, Incorporated, assignee: *See*—
Abbott, Edward J.
Perry, Winthrop L.
Abbotts Dairies, Incorporated, assignee: *See*—
McCaughey, Joseph.
Abdell, George J., Boston, Mass. Wearing apparel. 2,555,839, June 5.
Abdelnour, Edward C., New Rochelle, assignor to The Sleetex Company, Inc., New York, N. Y. Connector for connecting a blade to a windshield wiper arm. 2,539,219, Jan. 23.
Abegg & Reinhold Co., assignee: *See*—
Abegg, Walter A.
Abegg, Walter A., assignor, by mesne assignments, to Abegg & Reinhold Co., Los Angeles, Calif. Kelly bushing. 2,558,806, July 3.
Abegg, Walter A., Los Angeles, Calif. Pipe joint. 2,574,081, Nov. 6.
Abegg, Walter A., assignor, by mesne assignments, to Abegg & Reinhold Co., Los Angeles, Calif. Automatic drill slip unit. 2,575,649, Nov. 20.
Abeil, Roy F., Schenectady, assignor to American Locomotive Company, New York, N. Y. Locomotive shroud closure. 2,573,755, Nov. 6.
Abel, Edmund, Jr., Lakewood, Ohio. Aircraft folding wing construction. 2,572,421, Oct. 23.
Abel, Emil, assignor to The Ever Ready Company (Great Britain) Limited, London, England. Electrochemical processes of producing manganese from aqueous manganese salt solution. 2,542,888, Feb. 20.
Abel, George G.: *See*—
Swerdlow, Nathan, and Abel.
Abel, Henry A.: *See*—
Abel, Robert and H. A.
Abel, Jack, Flushing, assignor to D. P. Harris Hdw. & Mfg. Co., Inc., New York, N. Y. Detachable spur for roller skates. 2,546,622, Mar. 27.
Abel, Jack, Jackson Heights, N. Y. Collapsible play pen. 2,563,446, Aug. 7.
Abel, Robert, Coldwater, and H. A. Abel, Van Wert, Ohio. Bale loader. 2,542,446, Feb. 20.
Abele, Carl L., Des Moines, Wash. Fishing reel. 2,541,183, Feb. 13.
Abell, Francis M., Louisville, Ky., assignor, by mesne assignments, to Shell Development Company, Emeryville, Calif. Stabilized compositions containing high molecular weight halogenated materials. 2,559,333, July 3.
Abelson, Herman, Baltimore, Md. Weaning cap for nursing bottles. 2,569,139, Sept. 25.
Abelt, Arthur C., Richland Center, Wis. Differential for automobiles. 2,550,750, May 1.
Aben, Clarence R., River Rouge, Mich. Reciprocating brush device for cleaning soles of shoes. 2,577,294, Dec. 4.
Aberle, Roy, assignor to Southworth Machine Company, Portland, Maine. Power corner cutter. 2,540,227, Feb. 6.
Aberle, Roy, assignor to Southworth Machine Company, Portland, Maine. Sheet controlled interrupter for offset printing presses. 2,542,073, Feb. 20.
Aberle, Roy F., assignor to Southworth Machine Company, Portland, Maine. Inking mechanism for rotary printing presses. 2,564,590, Aug. 14.
Aberle, Roy F., assignor to Southworth Machine Company, Portland, Maine. Sheet feed interrupter means for printing presses. 2,564,591, Aug. 14.
Abernethy, Nelson W.: *See*—
Corbett, Gerald M., and Abernethy.
Abernethy, Nelson W., assignor to The Dow Chemical Company, Midland, Mich. Making crinkled fibers. 2,542,973, Feb. 27.
Abernathy, Robert E., Concord, Ill. Automatic hog crate. 2,566,013, Aug. 28.
Abgarian, Aram, assignor to Detroit Harvester Company, Detroit, Mich. Mower structure. 2,580,265, Dec. 25.
Abgarian, Aram, assignor to Detroit Harvester Company, Detroit, Mich. Mower structure. 2,580,266, Dec. 25.
Abgarian, Aram, assignor to Detroit Harvester Company, Detroit, Mich. Mower mounting. 2,580,267, Dec. 25.
Abington Textile Machinery Works, assignee: *See*—
Clark, Ernest.
Able, Edward T., and W. Krieger, assignors to B. K. Sweeney Manufacturing Company, Denver, Colo. Chain-driven wrench. 2,572,297, Oct. 23.
Able, Eric, Birmingham, England. Portable spraying apparatus. 2,553,159, May 15.
Able, Walter, assignor of one-half to Measure Meters Limited, Salford, and one-half to Dobson & Barlow Limited, Bolton, England. Counting apparatus. 2,563,668, Aug. 7.
Abler, Julius, Los Angeles, Calif., assignor of one-half to A. Engelman, Chicago Ill. Drawstring bag manufacture. 2,546,623, Mar. 27.
Ablett, Charles A., Norfolk, England. Roller thrust bearing. 2,539,682, Jan. 30.
Ablett, Charles A., Norfolk, England. Roller thrust bearing. 2,539,683, Jan. 30.
Ablondi, Frank B.: *See*—
Brosene, William G., Jr., and Ablondi.
Abos, Ralph L., L. M. Stanfield, and R. B. Myers, Los Angeles, assignors to Revco Products, Whittier, Calif. Reverse stitch attachment for sewing machines. 2,562,009, July 24.
Abraham, Albert, Jr., assignee: *See*—
Phillips, Erwin.
Abraham, Earl A., Detroit, Mich. Dispensing container with puncturing means for sealed cans. 2,575,083, Nov. 13.
Abraham, Herbert, assignor to The Ruberoil Co., New York, N. Y. Roofing fastener. 2,570,626, Oct. 9.
Abraham, Leonard G., Madison, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Transmission line distortion corrector. 2,579,285, Dec. 18.
Abrahamczik, Ernst, H. Petrovicki, and F. Schaffernak, Heidelberg, Germany. Treatment of lacteal sera. 2,566,477, Sept. 4.
Abrahamson, Charles M., Aurora, Ill., assignor to All-Steel Equipment Inc. Drawer locking mechanism. 2,559,579, July 10.
Abrahamson, Charles M., Aurora, Ill., assignor to All-Steel Equipment Inc. Desk. 2,560,400, July 10.
Abramowski, Czeslaw A., Astoria, N. Y. Guide wheel for trawl nets. 2,560,622, July 17.
Abrams, Ellis, Philadelphia, assignor to Quaker Chemical Products Corporation, Conshohocken, Pa. Water repellent compositions for textiles. 2,547,728, Apr. 3.
Abrams, Hyman, Weehawken, assignor to Thomases & Co., Jersey City, N. J. Brief case. 2,562,518, July 31.
Abrams Instrument Company, assignee: *See*—
Moore, Milford B., Willis, and Ginther.
Abrams, Talbert, assignee: *See*—
Moore, Milford B., Willis, and Ginther.
Abrams, Victor R., and P. I. Hollman, assignors to Geo. D. Roper Corporation, Rockford, Ill. Oven lighting system. 2,557,927, June 26.
Abrams, Victor R., Rockford, Ill., and J. Lorenz, Forest Hills, N. Y., assignors, by mesne assignments, to E. U. Andrews, Greenwich, Conn. Shaving apparatus. 2,575,741, Nov. 20.
Abramson, Harold A.: *See*—
Brown, Ethan A., Gorin, and Abramson.
Abramson, Hugo, assignor to Aktiebolaget C. E. Johansson, Eskilstuna, Sweden. Pressure pad for apparatus for measuring forces. 2,536,117, Jan. 2.
Abramson, Sam, Detroit, Mich. Finger cup. 2,539,940, Jan. 30.
Abrasive Products, Inc., assignee: *See*—
Stewart, John S.
Accessory Research Corporation, assignee: *See*—
Anderson, James W., Jr.
Accounting Forms, Inc., assignee: *See*—
Bickel, Arthur J.
Accumulatoren Fabriek Varta N. V., assignee: *See*—
Schneider, Friedrich A.
Accurate Tool and Engineering Company, assignee: *See*—
Sherman, Wilbur G.
Sherman, Wilbur G., Wright, and Davidson.
Ace Art Company, assignee: *See*—
Miner, William B.
Stokinger, George.
Ace Engineering Company, assignee: *See*—
Eckstein, Arnold.
Ace Storm Window Company, assignee: *See*—
Krantz, Walter M.
Swartswelter, Ernest E., Jr.
Achen, Robert K., Los Angeles, Calif. Perforated board and push pin for a salvo game. 2,579,454, Dec. 25.
Achenbach, John C., Haddonfield, N. J., assignor to Radio Corporation of America. Tuning means for resonant transmission. 2,551,228, May 1.
Acheson, Louis K., assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,566,153, Aug. 28.
Achler, Maurice E., and A. H. Milstine, assignors to Associated Venetian Blind Manufacturing Company, Chicago, Ill. Window ventilator. 2,580,268, Dec. 25.
Acieries Reunies de Burach-Eich-Dudelange Societe Anonyme, assignee: *See*—
Schaack, August.
Aciform Corporation, assignee: *See*—
Werner, John.
Acker, Ralph E., Fort Worth, Tex., assignor to Container Corporation of America, Chicago, Ill. Machine for setting up corner locking trays. 2,553,733, May 22.
Acker, Ralph E., Fort Worth, Tex., assignor to Container Corporation of America, Chicago, Ill. Corner locking construction for paperboard containers. 2,573,379, Oct. 30.
Ackerman, Arthur J., Buffalo, N. Y. Automobile carrier rack for the support of garment hangers. 2,540,023, Jan. 30.
Ackerman, Dolletta M., Los Angeles, Calif. Fountain massage device. 2,565,109, Aug. 21.
Ackerman, Howard A., assignor to American Bosch Corporation, Springfield, Mass. Nozzle for gas turbines. 2,552,658, May 15.
Ackerman, Joseph, Jr., and C. W. Moberly, Bartlesville, Okla., assignors to Phillips Petroleum Company. Stabilizing hydrocarbons and reagents therefor. 2,573,294, Oct. 30.
Ackerman, Raymond C., Providence, R. I., assignor to Sun Chemical Corporation, New York, N. Y. Fluorescent resins and making same. 2,541,184, Feb. 13.
Ackerman, Samuel, Cincinnati, Ohio. Appliance for making orthodontic models. 2,545,249, Mar. 13.

Ackerman, Virgil D.: *See*—
Phillips, Harold P., and Ackerman.

Ackermann, Franz, Binningen, assignor to Ciba Limited, Basel, Switzerland. Amino derivatives and making same. 2,550,321, Apr. 24.

Ackermann, Franz, Binningen, assignor to Ciba Limited, Basel, Switzerland. Water-soluble aminostilbene derivatives and process. 2,567,796, Sept. 11.

Ackermann, Kurt J.: *See*—
Chester, Allan E., and Ackermann.

Ackermans, John W. J., Detroit, Mich. Folding top for automobiles. 2,549,153, Apr. 17.

Ackermans, John W. J., Detroit, Mich. Door and window structure for convertible bodies. 2,552,503, May 8.

Ackles, Virgil E., Los Angeles, Calif., assignor to Doughnut Corporation of America, New York, N. Y. Tray delivery mechanism. 2,571,646, Oct. 16.

Ackley, Clarence H., assignee: *See*—
Slater, Gilbert.

Ackley, Raymond E., Evanston, and A. J. Fiedler, assignors to W. F. Hall Printing Company, Chicago, Ill. Roughening device for bookbinding and covering machines. 2,565,583, Aug. 28.

Acme Industrial Hydraulics, Inc., assignee: *See*—
Gabriel, Adam.

Acme Shear Company, assignee: *See*—
Lincoln, Alden A.
Wheeler, Henry C.

Acme Staple Company, assignee: *See*—
Sachleben, Harold G.

Acme Steel Company, assignee: *See*—
Chester, Allan E., Main, and Hansen.
Childress, William C., and Royal.
MacChesney, Chester M.
Main, Ray F., and Hansen.
Spiller, William R., and Barley.
Wognum, James N.

Acme Tank & Welding Co., a Division of United Tool & Die Company, assignee: *See*—
Clark, Stanley J.

Acme Visible Records, Inc., assignee: *See*—
Evans, David E., Sr.
Hall, Marchand B.

Acorn Designing Co., assignee: *See*—
Miller, John W., and Hale.

Acosta, José W., Chicago, Ill. Push-pull electron tube for instruments or televisions. 2,558,120, June 26.

Acosta, José W., Chicago, Ill. Coupling and tone-control system for audio amplifiers. 2,563,299, Aug. 7.

Acrea, Clarence D., Willcox, Ariz. Watch movement holder. 2,571,176, Oct. 16.

Acro Manufacturing Co., The, assignee: *See*—
Walley, Herbert H., Jr.

Acrotorque Company, The, assignee: *See*—
Orshansky, Elias, Jr.

Actiengesellschaft Joh. Jacob Rieter & Cie, assignee: *See*—
Naegeli, Werner.

Acton Bolt Limited, assignee: *See*—
Affleck, Theodore K.

Acton, Grant M., assignor to Acton Manufacturing Company, Inc., Arkansas City, Kans. Bottle holder and carrier. 2,552,361, May 8.

Acton, Grant M., Arkansas City, Kans., assignor to Acton Manufacturing Company, Inc. Portable cooler. 2,570,300, Oct. 9.

Acton, Grant M., assignor to Acton Products, Inc., Arkansas City, Kans. Beverage and food cabinet with a heating element therein. 2,576,874, Nov. 27.

Acton Manufacturing Company, Inc., assignee: *See*—
Acton, Grant M.

Acton Products, Inc., assignee: *See*—
Acton, Grant M.

Acton, Russel D., Chicago, Ill. Self-washing centrifuge. 2,575,506, Nov. 20.

Acton, Russel D., Chicago, Ill. Hydraulic power device. 2,575,507, Nov. 20.

Actrol, Inc., assignee: *See*—
De Neergaard, Leif E.

Acushnet Process Company, assignee: *See*—
Goodwin, Karl P., and Cobb.

Adair, Nora: *See*—
Craigen, Bessie, and Adair.

Adair, Roy E., and J. C. Baze, Ada, Okla. Electric switch box support. 2,567,309, Sept. 11.

Adam, Folger, Joliet, assignor to T. A. Banning, Jr., Chicago, Ill. Record album. 2,566,300, Sept. 4.

Adam, Frank, Electric Company, assignee: *See*—
Green, Floyd S.

Adam, Lewis D., Detroit, Mich., and N. G. Poplin, Ponca City, Okla. Fishing lure. 2,542,447, Feb. 20.

Adam, Thomas, assignee: *See*—
Wilson, Alexander J.

Adam, Václav, Jablonec Nad Nisou, assignor to Ceskoslovenske zavody, sklarske, narodni podnik, Prague, Czechoslovakia. Threading pearls, corals, and the like. 2,557,854, June 19.

Adam, Václav, Jablonec nad Nisou, assignor to "Ceskoslovenske zavody sklarske, narodni podnik," Prague, Czechoslovakia. Equipment for forming of small glass articles. 2,564,516, Aug. 14.

Adamas Carbide Corporation, assignee: *See*—
Dreyer, Edward L., and Pflug.

Adamec, Henrietta, New York, N. Y. Ironing board. 2,539,804, Jan. 30.

Adams, Carman, Birmingham, Mich., assignor to Edwin L. Wiegand Company, Pittsburgh, Pa. Electric heating. 2,550,751, May 1.

Adams, Cecil E.: *See*—
Mueller, Adalbert C., and Adams.

Adams, Cecil E., assignor to The Denison Engineering Company, Columbus, Ohio. Hydraulic apparatus. 2,546,580, Mar. 27.

Adams, Cecil E., assignor to The Denison Engineering Company, Columbus, Ohio. Hydraulic apparatus. 2,546,581, Mar. 27.

Adams, Cecil E., assignor to The Denison Engineering Company, Columbus, Ohio. Hydraulic motor control apparatus. 2,569,213, Sept. 25.

Adams, Cecil E., assignor to The Denison Engineering Company, Columbus, Ohio. Hydraulic tapping device. 2,580,061, Dec. 25.

Adams, Cecil E., and E. H. Born, assignors to The Denison Engineering Company, Columbus, Ohio. Fluid motor control mechanism. 2,546,679, Mar. 27.

Adams, Cecil E., H. V. Mills, and V. V. Blasutta, assignors to The Denison Engineering Company, Columbus, Ohio. Hydraulic press. 2,561,766, July 24.

Adams, Cecil E., and E. H. Born, assignors to The Denison Engineering Company, Columbus, Ohio. Hydraulic apparatus. 2,569,214, Sept. 25.

Adams, Cecil E., V. V. Blasutta, and H. V. Mog, assignors to The Denison Engineering Company, Columbus, Ohio. Hydraulic press with servo control. 2,580,062, Dec. 25.

Adams, Cecil E., Columbus, H. V. Mills, Piqua, and V. V. Blasutta, assignors to The Denison Engineering Company, Columbus, Ohio. Control mechanism for fluid motors. 2,580,063, Dec. 25.

Adams, Charles A., Tampa, Fla. Battery cart. 2,579,639, Dec. 25.

Adams, Charles C., New York, assignor to Davis & Geck, Inc., Brooklyn, N. Y. Composite package. 2,542,957, Feb. 20.

Adams, Charles C., New York, assignor to Davis & Geck, Inc., Brooklyn, N. Y. Surgical package. 2,549,039, Apr. 17.

Adams, Charles C., New York, assignor to Davis & Geck, Inc., Brooklyn, N. Y. Sterile suture tube package. 2,549,040, Apr. 17.

Adams, Charles D., Pomona, assignor to Riverside Cement Company, Los Angeles, Calif. Method and apparatus for conveying pulverulent material. 2,565,835, Aug. 28.

Adams, Charles J., Park Ridge, and J. A. Proctor, assignors to American Phenolic Corporation, Chicago, Ill. Fire detecting system. 2,563,904, Aug. 14.

Adams, Chester E.: *See*—
Johnson, Carl E., and Adams.
Proell, Wayne A., and Adams.

Adams, Chester E., Highland, Ind., and W. A. Proell, assignors to Standard Oil Company, Chicago, Ill. Sulfonyl halide manufacture. 2,573,674, Nov. 6.

Adams, Clarence H., and G. H. Pratt, assignors to Cone Automatic Machine Company Inc., Windsor, Vt. Work handling and tooling mechanism. 2,577,442, Dec. 4.

Adams, Douglas D., K. Rollius, and J. D. Risher, Canton, Ohio, assignors, by mesne assignments, of seventy-six and eighty-nine one-hundredths per cent to R. E. MacKenzie and twenty-three and eleven one-hundredths per cent to L. V. Bockius. Continuous impregnation of formed fibrous material. 2,552,612, May 15.

Adams, Edward E., Washington, D. C. Multicompartment traveling bag. 2,577,670, Dec. 4.

Adams, Edwin G., The Dalles, Oreg. Dial for gauges. 2,550,033, Apr. 24.

Adams, Elliot Q., Cleveland Heights, Ohio, assignor to General Electric Company. Polyphase fluorescent lamp circuit. 2,565,110, Aug. 21.

Adams, Frances V., Sandringham, New Zealand. Flow control means. 2,540,364, Feb. 6.

Adams, Frank, Brooklyn, N. Y. Mold for forming a precut ice cream cake. 2,579,640, Dec. 25.

Adams, Frederic H.: *See*—
Parker, Robert P., Waitkins, and Adams.

Adams, George K., Norfolk, Va. Aerodynamic flap balance and auxiliary airfoil. 2,549,760, Apr. 24.

Adams, George M.: *See*—
Aydelott, John C., Bower, and Adams.

Adams, George M., Palos Heights, assignor to The Visking Corporation, Chicago, Ill. Printing inks and films printed therewith. 2,544,873, Mar. 13.

Adams, Harold B., Madison, Kans., and M. C. Peters, Salt Lake City, Utah. Rotary pump. 2,556,313, June 12.

Adams, Harold E., assignor to Armstrong Cork Company, Lancaster, Pa. Modified alkyd resins and coating compositions containing the same in admixture with readily copolymerizable vinyl monomers. 2,537,949, Jan. 16.

Adams, Harry L., Denver, Colo., assignor of one-tenth to V. G. Jones. Pencil sharpener. 2,545,221, Mar. 13.

Adams, Harry L., Denver, Colo., assignor of one-tenth to V. G. Jones. Pencil lead sharpening machine. 2,569,548, Oct. 2.

Adams, Henry F. T., Lower Stondon, Henlow, assignor to Power Jets (Research & Development) Limited, London, England. Aircraft speed governor means. 2,552,131, May 8.
Adams, Ida E., Atlantic City, N. J. Combination article of baby furniture. 2,567,752, Sept. 11.
Adams, Isaac C., assignee: *See*—
Hamby, Walter W.
Adams, J. D., Manufacturing Co., assignee: *See*—
Gill, Raymond E.
Small, Everett T.
Adams, James W., Seymour, Conn., assignor to United States Rubber Company, New York, N. Y. Preparation of synthetic rubber-carbon black mixtures. 2,548,757, Apr. 10.
Adams, James W., Seymour, Conn., assignor to United States Rubber Company, New York, N. Y. Coagulation of synthetic rubber latices. 2,576,909, Dec. 4.
Adams, John E., and G. E. Wagner, Los Angeles, Calif. Automobile jack. 2,559,182, July 3.
Adams, John R., Jr.: *See*—
Salvin, Victor S., and Adams.
Adams, Kenneth H.: *See*—
Doelling, George L., and Adams.
Adams, Leon M.: *See*—
May, Paul D., Adams, and Lee.
Adams, Leon M., Texas City, P. L. Brandt, Galveston, R. J. Lee, La Marque, and F. T. Wadsworth, Dickinson, assignors to Pan American Refining Corporation, Texas City, Tex. Preparation of drying oils from clay polymers. 2,569,595, Oct. 2.
Adams, Mark F.: *See*—
Redlich, Otto, Adams, and Holt.
Adams-Millis Corporation, assignee: *See*—
Bell, Henry G.
Adams, Paul G., East Orange, and M. W. Axman, Stirling, N. J., assignors to Westinghous Electric Corporation, East Pittsburgh, Pa. Electrical contactor. 2,575,699, Nov. 20.
Adams, Paul L., W. A. Norman, and C. K. Sitterly, assignors to Carr, Adams & Collier Company, Dubuque, Iowa. Storm window sash adjuster. 2,561,086, July 17.
Adams, Paul L., W. A. Norman, and C. K. Sitterly, assignors to Carr, Adams & Collier Company, Dubuque, Iowa. Storm window hanger. 2,576,662, Nov. 27.
Adams, Paul R.: *See*—
Deloraine, Edmond M., Busignies, and Adams.
Adams, Paul R., Bartlesville, Okla., assignor to Phillips Petroleum Company. Telegraph receiving circuit. 2,552,362, May 8.
Adams, Philip, Toronto, Ontario, Canada. Pen cap. 2,547,803, Apr. 3.
Adams, Pierrepont, Glenbrook, Conn., assignor to American Cyanamid Company, New York, N. Y. Polymeric tri-β-hydroxyethyl cyanurate. 2,557,625, June 19.
Adams, Robert J., Ashland, Ky. Automatic valve for applying air brakes. 2,576,382, Nov. 27.
Adams, Robert O., Monte Vista, Colo. Attachment for stringed musical instruments. 2,555,388, June 5.
Adams, Robert S., assignor to Halliburton Oil Well Cementing Company, Duncan, Okla. Permeable materials and making same. 2,546,624, Mar. 27.
Adams, Robert T., Chatham, N. J., assignor, by mesne assignments, to International Standard Electric Corporation, New York, N. Y. Low noise intermediate-frequency amplifier. 2,549,761, Apr. 24.
Adams, Soren S., Asbury Park, N. J. Thermostatic snap-action element. 2,562,685, July 31.
Adams, Sumner W., Sequim, Wash. Pistol holster. 2,577,869, Dec. 11.
Adams, Thomas O., New Philadelphia, Ohio. Sweeping device. 2,571,647, Oct. 16.
Adams, Walter, assignor to Lotus Limited, Stafford, England. Edge binding machine. 2,570,086, Oct. 2.
Adams, Walton H., Raton, N. Mex. Watch holder. 2,540,501. Feb. 6.
Adams, William D., assignee: *See*—
Burgess, Marion I.
Adams, William E., assignor to Herring-Hall-Marvin Safe Company, Hamilton, Ohio. Card filing apparatus. 2,541,185. Feb. 13.
Adams, William E., assignor to Herring-Hall-Marvin Safe Company, Hamilton, Ohio. Filing apparatus. 2,562,593, July 31.
Adams, William J., assignee: *See*—
Bataille, Gerald S.
Adamson, Alan E., Vancouver, British Columbia, Canada, assignor to American Can Company, New York, N. Y. Can body making machine with yieldable seam assembly elements. 2,563,805, Aug. 14.
Adamson, Arthur P., Ballston Spa, N. Y., assignor to General Electric Company. Discriminator circuit. 2,579,286, Dec. 18.
Adamson, Donald W., London, England, assignor to Burroughs Wellcome & Co. (U. S. A.) Inc., Tuckahoe, N. Y. Dithienyl allyl amines. 2,561,899, July 24.
Adamson, Frank M.: *See*—
Cadwell, Clarence J., and Adamson.
Adamson Machine Company, The, assignee: *See*—
Ward, John S., Johnson, Trishman, and Stratton.
Adcock, Horace, Shirley, Birminghham, assignor to A. C. Wickman Limited, Coventry, England. Screw-thread rolling apparatus. 2,554,166, May 22.
Addicks, Diedrich C., Maywood, Calif. Fish lure. 2,536,408, Jan. 2.
Addington, Loyal R., Wabash, Ind., assignor to Art Metal Construction Company, Jamestown, N. Y. Cutting attachment for printing presses. 2,543,219, Feb. 27.
Addison, Edward C., Stone Harbor, N. J. Intercepting the escape of ash to the atmosphere. 2,545,537, Mar. 20.
Addison, Thomas J., Kissimmee, Fla. Reel carrier. 2,549,152, Apr. 17.
Addorisio, Patsy, Portchester, N. Y. Workman's warning system for railways. 2,542,104, Feb. 20.
Addressograph-Multigraph Corporation, assignee: *See*—
Hueber, Carl J.
Gollwitzer, Walter T.
Gruver, John H.
Hueber, Carl J.
Janke, Edward J.
Mitchell, Lester F.
Morse, Lawrence H.
Van Dusen, Charles H., Jr.
Van Dusen, Charles H., Jr., and Weissenborn.
Adduci, Raymond V., assignor to The United States Time Corporation, Waterbury, Conn. Alarm clock. 2,546,289, Mar. 27.
Ade, Guy W.: *See*—
Oehler, William P., and Ade.
Adel, Alf F., Chicago, Ill. Nibbling tool. 2,542,103, Feb. 20.
Adelman, Robert L., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours and Company, Wilmington, Del. Production of unsaturated organic compounds. 2,550,439, Apr. 24.
Adelman, Robert L., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Production of vinyl ethers. 2,579,411, Dec. 18.
Adelman, Robert L., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours and Company, Wilmington, Del. Reaction of vinyl ethers with hydroxy compounds. 2,579,412, Dec. 18.
Adelman, William, Philadelphia, Pa. Advertising device. 2,576,272. Nov. 27.
Adelson David E., *See*—
Dannenberg, Hans, and Adelson.
McMillan, Frank M., and Adelson.
Adelson, David E., Berkeley, assignor to Shell Development Company, San Francisco, Calif. Carbonates of unsaturated diols. 2,563,771, Aug. 7.
Adelson, David E., Berkeley, assignor to Shell Development Company, San Francisco, Calif. Lublicant. 2,569,122, Sept. 25.
Adelson, David E., Berkeley, assignor to Shell Development Company, San Francisco, Calif. Lubricating composition. 2,574,994, Nov. 13.
Adelson, David E., Berkeley, assignor to Shell Development Company, San Francisco, Calif. Preparation of ureides. 2,576,895, Nov. 27.
Adelson, David E., and H. F. Gray, Jr., Berkeley, assignors to Shell Development Company, San Francisco, Calif. Esters of polyallyl alcohol. 2,555,775, June 5.
Adelson, Fred L., San Diego, Calif. Tube rack for qualitative chemical anlysis. 2,568,677, Sept. 18.
Adelt, Carl W., Mays Landing, N. J. Storm sash and screen. 2,557,063, June 19.
Adhesive Development Co., assignee: *See*—
Avery, Ray S.
Adjusto Sales Corporation, The, assignee: *See*—
Charest, Theodore W.
Adkins, Cassie E., assignee: *See*—
Davis, Chester L.
Adkins, Clarence, assignee: *See*—
Adkins, Orville.
Adkins, Earl C., assignor to The Sheffield Corporation, Dayton, Ohio. Internal gauging device. 2,556,314, June 12.
Adkins, John S., Dayton, Ohio. Erecting mechanism for reducing turn errors in vertical gyroscopes. 2,542,975, Feb. 27.
Adkins, John S., Dayton, and J. J. Hart, Osborn, Ohio. Nontumbling gyroscopic directional indicator. 2,572,827, Oct. 30.
Adkins, Orville, Hamersville, Ohio, assignor of one-fourth to C. Adkins, Centerline, Mich. Electric cattle guard. 2,555,180. May 29.
Adkisson, Robert F., Verden, Okla. Adjustable draft mechanism for implement frames. 2,540,228, Feb. 6.
Adlake Company, The, assignee: *See*—
Brenneman, Theron F.
Ehret, Yale W.
Gehrand, Clarence E.
Hagerty, Andrew T., and Brenneman.
Hagerty, Andrew T., and Ehret.
Torgeson, Everett V.
Verhagen, Christian M.
Adler, Adolf E., London, England, assignor to Modern Telephone Corporation, New York, N. Y. Intercommunication telephone system. 2,565,192, Aug. 21.
Adler, Charles, Jr., Baltimore, Md. Diverter lighting system. 2,556,052, June 5.
Adler, Charles, Jr., Baltimore, Md. Airplane proximity indicator. 2,560,265, July 10.

Adler, Cyrus M.: *See*—
Rowe, Walter, and Adler.

Adler, Harold J., Chicago, and M. Z. Mroz, Park Ridge, assignors to Sentinel Radio Corporation, Evanston, Ill. Phonograph start-stop switch. 2,552,757, May 15.

Adler, Henry, Detroit, assignor of one-half to L. Holm, Bloomfield Hills, Mich. Hand weaving loom. 2,561,767, July 24.

Adler, Herman G., Detroit, assignor to Novi Equipment Company, Novi, Mich. Centrifugal guided speed responsive device. 2,553,736, May 22.

Adler, John B., Lincoln Park, assignor to Shwayder Brothers, Ecorse, Mich. Locking brace for folding table legs. 2,567,417, Sept. 11.

Adler, Leo A., assignee: *See*—
Baker, Carl A., and Schechter.

Adler, Leon, St. Louis, Mo. Miniature packet. 2,565,336, Aug. 21.

Adler, Max: *See*—
Lott, William A., Losee, and Adler.

Adler, Max, and K. and I. Katkowski, Detroit, Mich. Trailer hitch. 2,569 843, Oct. 2.

Adler, Orville E., Niles, Mich., assignor to National Standard Company. Operating a continuous electroplating system. 2,560,534, July 17.

Adler, Richard M.: *See*—
Rutledge, Howard C., and Adler.

Adler, Richard W.: *See*—
Nathan, Jerome, and Adler.

Adler, Robert, Chicago, Ill., assignor to Zenith Radio Corporation. Space-charge-coupled cascade amplifier. 2,547,145, Apr. 3.

Adler, Robert, Chicago, Ill., assignor to Zenith Radio Corporation. Electronic synchronizing apparatus. 2,551,308, May 1.

Adler, Robert, Chicago, Ill., assignor to Zenith Radio Corporation. Power line signal pickup. 2,553,734, May 22.

Adler, Robert, Chicago, Ill., assignor to Zenith Radio Corporation. Push-pull output tube. 2,553,735, May 22.

Adler, Robert, Chicago, Ill., assignor to Zenith Radio Corporation. Electron discharge device of the focussed-beam type. 2,559,037, July 3.

Adler, Robert, Chicago, Ill., assignor to Zenith Radio Corporation. Demodulator. 2,568,137, Sept. 18.

Adler, Robert, Northfield, Ill., assignor to Zenith Radio Corporation. Piezoelectric transducer and producing same. 2,540,412, Feb. 6.

Adler, Robert, Northfield, Ill., assignor to Zenith Radio Corporation. Thermionic cathode activation. 2,561,768, July 24.

Adler, Solomon, Kew Gardens, N. Y. Sewing machine pressure bar. 2,554,970, May 29.

Adler, Solomon, Kew Gardens, N. Y. Sewing machine needle bar operating mechanism. 2,554,971, May 29.

Adler, Solomon, Kew Gardens, N. Y. Sewing machine. 2,561,643, July 24.

Admiral Corporation, assignee: *See*—
Altmann, John H., and Swanson.
Faulkner, Willard J.
Fields, George.
Hoellerich, John L.
Hoffman, Clifford F.
Ketchum, Arthur L.
Leline, Arnold W.
Sanders, Ray L.
Vistain, James E., Jr.
Washburn, Neil E.

Adrian, Joseph, assignor to Super Speed Printing Machinery, Inc., Cleveland, Ohio. Adjustable side gauge for paper drilling machines. 2,553,395, May 15.

Adrian, Joseph, assignor to Super Speed Printing Machinery, Inc., Cleveland, Ohio. Printer's sawing and trimming machine. 2,574,901, Nov. 13.

Adsit, Daniel L., Fontana, Calif. Table and chair unit. 2,570,301, Oct. 9.

Advance Aluminum Castings Corp., assignee: *See*—
Grundstrom, Erik G.

Advance Transformer Co., assignee: *See*—
Feinberg, Albert E.

Advertising Metal Display Co., assignee: *See*—
Wirth, Sidney R.

Aebi, Otto, Yverdon, Switzerland, assignor to Paillard S. A. Typewriter mounting for carriage pinions. 2,556,053, June 5.

Aebi, Otto, Yverdon, assignor to Paillard S. A., Sainte-Croix, Switzerland. Margin stop position indicator for typewriters. 2,580,211, Dec. 25.

Aelony, David, Minneapolis, Minn., assignor to General Mills, Inc. N,N'-diacyl aryl disulfonamides. 2,571,995, Oct. 23.

Aeolian Company, The, assignee: *See*—
Calamari, Peter T., and Murdock.

Aeppli, Albert, assignor to Maag-Zahnrader und Maschinen Aktiengesellschaft, Zurich, Switzerland. Machine for grinding gear wheels. 2,567,460, Sept. 11.

Aeration Processes, Inc., assignee: *See*—
Smith, Allyne H.

Aero Supply Mfg. Co. Inc., assignee: *See*—
Downey, George T.
Suska, Charles R.

Aerojet Engineering Corporation, assignee: *See*—
Crutchfield, Leslie M., Campbell, and Mace.
Malina, Frank J., and Parsons.
Miller, Fred S., and Zola.
Parsons, John W.
Plaut, Herman.
Wiancko, Thomas H.

Aerol Co. Inc., assignee: *See*—
Gaines, Frank E.

Aerolex Limited, assignee: *See*—
Harley, Frank B.

Aeromar, Inc., assignee: *See*—
Jones, Benjamin T.

Aero-Motive Manufacturing Company, assignee: *See*—
Komassa, Jerome S.

Aeronca Aircraft Corporation, assignee: *See*—
Morris, William T.

Aeroquip Corporation, assignee: *See*—
Hurst, Peter F.
Merriman, Henry H.
Rundell, Harwood F.

Aero-Sonic Corp., assignee: *See*—
Latulippe, Eddy D.

Aerotec Corporation, The, assignee: *See*—
Mejean, Jacques G.

Aerovox Corporation, assignee: *See*—
Kahn, Louis.

Aeschlimann, Ernst: *See*—
Humfeld, Harry, Aeschlimann, and Hoffman.

Aetna Ball & Roller Bearing Co., assignee: *See*—
Rozner, Joseph J.

Aetna Products and Manufacturing Co., assignee: *See*—
Marke, Hans.

Aetna-Standard Engineering Company, The, assignee: *See*—
Garwig, Glenn W.
Jaenchen, Max.
Matteson, Elwin A., and Donald.
Rodder, William.

Aeugle, Margaretta E.: *See*—
La Lande, William A., Jr., Aeugle, and Molyneux.

Affholter, Herbert G.: *See*—
Molinari, Vittorio, and Affholter.

Affiliated Gas Equipment, Inc., assignee: *See*—
Cartter, William G.

Affiliated Machine & Tool Co., assignee: *See*—
Grater, Edward V.

Affleck, Theodore K., assignor to Acton Bolt Limited, London, England. Thread-rolling appliance. 2,576,709, Nov. 27.

Affolter, Earl H., Chicago, Ill. Process for make-ready. 2,556,511, June 12.

Af Kleen, Nils E., North Stonington, Conn., assignor to Jet-Heet, Inc., Englewood, N. J. Thermally actuated pump. 2,553,817, May 22.

Africano, Alfred, Cumberland, Md., assignor to the United States of America as represented by the Secretary of War. Insulated trap for rocket projectiles. 2,548,926, Apr. 17.

Agamaite, Edward, Jr., assignor to Fort Howard Paper Company, Green Bay, Wis. Paper dispenser. 2,560,061, July 10.

Agan, Leon C., Dexter, Mich., assignor to American Broach & Machine Co. Broaching machine. 2,567,093, Sept. 4.

Agar, William O., Danbury, England, assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Radio and like instruments for use in high-frequency testing research and development. 2,562,759, July 31.

Agee, Charles A. T., Collingswood, N. J. Ash receptacle. 2,575,857, Nov. 20.

Agger, Jens, assignor to Chicago Rawhide Manufacturing Company, Chicago, Ill. Seal. 2,572,422, Oct. 23.

Agins, George, assignor to Arma Corporation, Brooklyn, N. Y. Antifriction support for gyroscopes and the like. 2,577,942, Dec. 11.

Agins, George, Brooklyn, and R. Y. Miner, New York, assignors to Arma Corporation, Brooklyn, N. Y. Remote control apparatus. 2,557,401, June 19.

Agle, Charles K., Princeton, N. J. Roof structure 2,548,758, Apr. 10.

Agnew, Boyd, Los Angeles, assignor to A. Higgins, Pasadena, Calif. Directional control valve for water softeners. 2,574,809, Nov. 13.

Agnew, Norman F., Penn Township, Allegheny County, assignor to Farmers Engineering & Manufacturing Co., Pittsburgh, Pa. Emergency communication system, particularly for mines. 2,566,106, Aug. 28.

Agnew, Robert J., Pawling, and R. E. Conary, Beacon, assignors to The Texas Company, New York, N. Y. Separation of isophthalic acid from terephthalic acid by noncatalytic esterification. 2,569,440, Oct. 2.

Agrashell, Inc., assignee: *See*—
Ayers, Joseph W.

Agriculture, United States of America as represented by the Secretary of, assignee: *See*—
Alderton, Gordon, and Fevold.
Altschul, Aaron M., and Castillon.
Altschul, Aaron M., Condon, and Lambou.
Andersen, Ariel A.
Banigan, Thomas F., Jr., Meeks, and Planck.
Beckel, Arthur C., and Belter.
Benedict, Robert G.
Binkley, Charles H.
Clark, Thomas F.
Corman, Julian.
Dunning, John W., Frye, and Lathrop.
Eskew, Roderick K., Homiller, and Phillips.
Falkenburg, Lee B., Lewis, and Cowan.
Fein, Martin L., and Fisher.
Filachione, Edward M., Fein, and Fisher.
Filachione, Edward M., and Fisher.
Findley, Thomas W., and Swern.
Fisher, Charles H., and Fein.
Garibaldi, John A., Ijichi, Lewis and McGinnis.
Goldblatt, Leo A., and Oldroyd.
Graham, Robert P., and Shepherd.
Hall, Harlow H., and Tsuchiya.
Hansen, John E., and Dietz.
Hemmeter, George T.
Hipp, Norbert J., Groves, and McMeekin.
Homiller, Richard P., and Eisenhardt.
Houston, David F., and Kester.
Howerton, William W.
Humfeld, Harry, Aeschlimann, and Hoffman.
Jansen, Eugene F.
Kester, Ernest B.
Krewson, Charles F.
Lewis, Arthur J., Moser, and Cowan.
Lockwood, Lewis B., and Nelson.
Lohmar, Rolland L., Jr.
Loughborough, William K., McMillen, and Espenas.
Lowe, Edison, and Swenson.
Maclay, William D., Shepherd, McCready, and Graham.
McColloch, Robert J., and Beavens.
McKinney, Leonard L., Cowan, and Uhing.
McKinney, Leonard L., Uhing, Setzkorn, and Cowan.
Meeks, James W., Banigan, and Planck.
Mehltretter, Charles L.
Michener, Harold D., Snell, and Jansen.
Montgomery, Edna M., and Weakley.
Owens, Harry S., and Maclay.
Owens, Harry S., and Schultz.
Pridham, Thomas G.
Ratchford, William P., and Fisher.
Rehberg, Chessie E.
Reid, John D., and Daul.
Rusca, Ralph A.
Rusca, Ralph A., and Kyame.
Ryberg, Milton E., Burney, and Joy.
St. Clair, William E., and Lawrence.
Scanlan, John T., Swern, and Roe.
Schuyten, Hartwig A., Weaver, and Reid.
Stamm, Alfred J., and Tarkow.
Stitt, Fred.
Strashun, Sumner I.
Swern, Daniel.
Swern, Daniel, and Findley.
Swern, Daniel, and Jordan.
Swern, Daniel, and Knight.
Swern, Daniel, Jordan, and Port.
Teeter, Howard M., and Cowan.
Thompson, Chester R.
Tuomy, Justin M., and Slotter.
Vix, Henry L. E., Spadaro, Pollard, Gastrock, Persell, and Murphy.
Wall, Monroe E.
Watson, Paul D.
Weil, Leopold.
Weil, Leopold, Woodward, Howard, and Keil.
White, Jonathan W., Jr.
White, Jonathan W., Jr., Naghski, and Weil.
Willits, Charles O., and Porter.
Wolff, Ivan A.
Woodward, Charles F., and Mayer.
Young, Frank E., and Jones.
Zief, Morris, and Yanovsky.

Agricide Corporation, assignee: *See*—
Jauch, Robert J., and Hoover.

Agricura Laboratoria Limited, assignee: *See*—
De Waal, Hermanus L.

Agudo, Francisco F., Madrid, Spain. Faucet. 2,571,327, Oct. 16.

Agueros, Gracielo, Montebello, Calif. Adobe composition and method. 2,569,272, Sept. 25.

Agulnek, Harry: *See*—
Mishcon, Lester, and Agulnek.
Mishcon, Samuel, Agulnek, and Mishcon.
Mishcon, Samuel and L., and Agulnek.

Ahart, Joseph L., Dow City, Iowa. Apparatus for building concrete walls. 2,562,403, July 31.

A'Hearn, Frank L., Sharon, Pa., assignor to United States Steel Products Company. Metal container and manufacture. 2,576,767, Nov. 27.

Ahearn, John C., Wellington, New Zealand. Concrete mixer. 2,563,669, Aug. 7.

Ahern, William B., and A. J. Walt, De Kalb, assignors to The Rudolph Wurlitzer Company, Chicago, Ill. Accordion bass section. 2,556,408, June 12.

Ahlberg, Lars F. B., Ektorp, and S. T. F. Sundberg, assignors to Telefonaktiebolaget L M Ericsson, Stockholm, Sweden. Arrangement for night watchman controls. 2,559,746, July 10.

Ahlbrecht, Arthur H.: *See*—
Husted, Donald R., and Ahlbrecht.

Ahlburg, Frank, assignee: *See*—
Collender, Gustave A.

Ahlen, Per O., Ulvsunda, Sweden, assignor to International Standard Electric Corporation, New York, N. Y. Electric energy control system. 2,561,329, July 24.

Ahlgren, Stanley E.: *See*—
Bloodworth, William A., and Ahlgren.

Ahlmann, Nikolai, Copenhagen, Denmark, assignor to F. L. Smidth & Co., New York, N. Y. Apparatus for separating pulverulent material. 2,577,295, Dec. 4.

Ahlstrand, Phillip M.: *See*—
Brehany, John J., and Ahlstrand.

Ahlstrand, Phillip M., Kenmore, and G. W. Patch, Jr. White Plains, N. Y., assignors, by mesne assignments to Union Carbide and Carbon Corporation. Cold treating method and machine. 2,552,832, May 15.

Ahmanson, Leonard, Washington, D. C. Toy pistol. 2,578,029, Dec. 11.

Ahrendt, William R., College Park, Md., and H. B. Rex, Falls Church, Va. Apparatus for compensating for frequency changes. 2,544,643, Mar. 13.

Ahrens, Charles J., Norwood Park, Ill. Chicken roost. 2,579,355, Dec. 18.

Ahsley, Kenneth D., Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Production of microspheroidal gel catalyst by spray drying. 2,555,282, May 29.

Aicardi, Joseph, Versailles, assignor to Sadir-Carpentier, Paris, France. Radio guidance system for mobile craft using automatic homing correction. 2,540,413, Feb. 6.

Aicardi, Joseph, Versailles, assignor to Societe Francaise Sadir-Carpentier, Paris, France. Radio-guiding system. 2,540,414, Feb. 6.

Aicardi, Joseph, Versailles, assignor to Societe francaise Sadir-Carpentier, Paris, France. Radio guiding system. 2,557,855, June 19.

Aicardi, Joseph, Versailles, assignor to Sadir-Carpentier, Paris, France. Radio guidance system. 2,566,154, Aug. 28.

Aicher, Alfred A., assignor to Petrocarbon Limited, London, England. Separation of gaseous mixtures at low temperatures. 2,567,461, Sept. 11.

Aid, Joseph J.: *See*—
Bolton, Philip S., and Aid.

Aiello, Anthony and J., assignors of one-third to Hyman and Harry Landaw, trading and doing business as Landaw Brothers, Pittsburgh, Pa. Automatic machine for sequentially immersing machine parts in successive cleaning liquids. 2,559,921, July 10.

Aiello, Joseph: *See*—
Aiello, Anthony and J.

Aiken, Chester C., Haddonfield, N. J., assignor to Radio Corporation of America. Package handling apparatus. 2,547,729, Apr. 3.

Aiken, John K.: *See*—
Jones, Harry, and Aiken.

Aiken, Percy, Minneapolis, Minn., assignor to General Mills, Inc. Height gauge. 2,561,164, July 17.

Aiken, Richard, Washington, D. C. Tow target cable attachment. 2,567,170, Sept. 11.

Aikens, Cameron B., assignee: *See*—
Hellwig, Rudolph H.

Aikman, Burton S., St. Petersburg, Fla., assignor to Westinghouse Air Brake Company. Fluid compressor and cooling apparatus therefor. 2,580,341, Dec. 25.

Aikman, Harry S., Port Huron, Mich. Container. 2,556,568, June 12.

Aimé, Victor, West New York, N. J. Electric cord plug. 2,543,951, Mar. 6.

Aimes, Francis M., Nassau, N. Y. Indicia holder for writing implements. 2,537,116, Jan. 9.

Ainsley, Frederick J., Chelmsford, England, assignor to Radio Corporation of America. Mast. 2,554,288, May 22.

Ainsworth, Geoffrey C., and C. G. Pope, London, England, assignors to Burroughs Wellcome & Co. (U. S. A.) Incorporated, New York, N. Y. Polymyxin antibiotic. 2,565,057, Aug. 21.

Ainsworth, James, Rossendale, England. Electric starting switch. 2,564,387, Aug. 14.

Ainsworth, John R., Delmont, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake equipment. 2,550,900, May 1.

Ainsworth Manufacturing Corporation, assignee: *See*—
Potter, Albert T.

Air-A-Feed Equipment, Inc., assignee: *See*—
Krasnow, Leonard L.

Air Appliances, Inc., assignee: *See*—
Ketelsen, Peter.

Air Associates, Incorporated, assignee: *See*—
Griswold, Owen H.
Kupiec, Harry P.
Kupiec, Harry P., and Gravenhorst.

Airborne Instruments Laboratory, Inc., assignee: *See*—
Nelson, Jessie A., and Dorne.
Schmitt, Otto H., Fromm, Fails, and Kasindorf.
Air Controls, Inc., assignee: *See*—
Schwarz, Gerald L.
Aircraft-Marine Products Inc., assignee: *See*—
Berg, Quentin.
Buchanan, Stephen N.
Macy, James C.
Sowa, Frank J.
Vickery, John R.
Watts, William S.
Aircraft Radio Corporation, assignee: *See*—
Drake, Frederick H.
Farnham, Paul O.
King, Paul B., Jr.
Noyes, Atherton, Jr.
Air Diesel Engine Corporation, assignee: *See*—
Weimer, William H.
Air-Factors, Inc., assignee: *See*—
Lambert, Robert R.
Air Force, United States of America as represented by the Secretary of the, assignee: *See*—
Collins, Samuel C.
Frantz, Walter J.
Mershon, Clarence L.
Saunders, Norman B.
Toporeck, Edward R.
Villard, Oswald G., Jr.
Wood, David S.
Airkem, Inc., assignee: *See*—
Abbott, Furman S.
Paschal, Guy S.
Air King Products Co. Inc., assignee: *See*—
Kay, Leopold M.
Airmaster Corporation, assignee: *See*—
Hueglin, Herman C.
Air-Maze Corporation, assignee: *See*—
Janson, Theodore J.
Schaaf, Oliver H.
Walton, George M.
Airolite Company, The, assignee: *See*—
Muller, Albert, and Gibson.
Roberts, Marion G.
Air Preheater Corporation, The, assignee: *See*—
Eckersley, Charles E. H.
Holm, Sven.
Holm, Sven, and Karlsson.
Rasmussen, Robert.
Trigges, Alexander J.
Yerrick, William D., and Holm.
Air Rectifiers, Inc., assignee: *See*—
Cowan, Nathan.
Air Reduction Company, Incorporated, assignee: *See*—
Anderson, James L.
Biach, John L.
Bigwood, John A.
Chiswik, Haim H.
Crowe, John J.
Davis, William T.
Greene, William J.
Heidbrink, Jay A.
Hughey, Howard G.
Hulme, Philip M.
Hutt, Arthur R.
Mikhalapov, George.
Rooke, Robert M.
Rudolph, Jacob P.
Slottman, George V.
Sohn, Jesse S.
Tyrner, Joseph M.
Airs, Raymond S., Whitby, Wirral, and P. J. Garner, Hooton, Wirral, England, assignors to Shell Development Company, San Francisco, Calif. Production of alkynes. 2,542,976, Feb. 27.
Airscrew Company Limited, The, assignee: *See*—
Riddiford, Richard G.
Air-Shields, Inc., assignee: *See*—
Grieb, Benjamin C.
Airtron, Inc., assignee: *See*—
Anderson, John W., and Hamilton.
Ingalls, David.
Air-Way Electric Appliance Corporation, assignee: *See*—
Burmeister, Frederick H.
Restemeier, Edward F.
Aird, John K., Baltimore, Md. Columned game board. 2,571,403, Oct. 16.
Aitcheson, Thomas G., Kenmore, N. Y., assignor to American Optical Company, Southbridge, Mass. Microscope attachment and the like. 2,565,419, Aug. 21.
Aitken, David D., Danville, Ill. Fire extinguishing method and apparatus. 2,545,640, Mar. 20.
Aitken, Roy, Glasgow, Scotland. Filling inlet for containers, especially for hot-water bottles and the like. 2,562,010, July 24.
Aitto, George, New York, N. Y. Expanding bit screw driver. 2,560,912, July 17.
Aitto, George, and V. Jarvi, New York, N. Y. Necktie crease removing inserts. 2,576,273, Nov. 27.
Ajax Buff Company, assignee: *See*—
Stafford, Arthur B.
Ajax Engineering Corporation, assignee: *See*—
Tama, Mario.
Weil, Walter M., and Bonsack.
Ajero, Fortunato S., Chicago, assignor to M. L. Hyre, Antioch, Ill. Automatically selective indexed memorandum device. 2,541,903, Feb. 13.
Ajero, Fortunato S., assignor to A. I. Kegan, Chicago, Ill. Apparatus for resurfacing plastic phonograph records or the like. 2,563,701, Aug. 7.
Ajima, Shintaro: *See*—
Yabuno, Gaiseki, Maki, Ajima, Kuwayama, and Ando.
Akciova spolecnost drive Skodovy zavody v Plzni, assignee: *See*—
Bašus, Jiri.
Akeley, Lloyd T., Lynn, Mass., assignor to General Electric Company Switching apparatus for electrical apparatus. 2,575,084, Nov. 13.
Akemann, Richard W., Kokomo, Ind., assignor to General Motors Corporation, Detroit, Mich. Tuning radio receivers. 2,572,965, Oct. 30.
Aker, Leonard, Palo Alto, assignor to Food Machinery and Chemical Corporation, San Jose, Calif. Fruit-stemming mechanism. 2,552,613, May 15.
Aker, Leonard, Palo Alto, Calif. Sprinkler. 2,563,300, Aug. 7.
Akers, Charles W., Nashville, Tenn. Molding concrete blocks. 2,541,734, Feb. 13.
Akers, Irving W., Hollywood, Calif., assignor to Hycon Mfg. Company. Intermittent transport mechanism for photographic film and the like. 2,577,175, Dec. 4.
Akers, Victor, Albany, Calif. Single sheet shirt protector. 2,560,710, July 17.
Akey, Richard P., assignor to Hobbs Manufacturing Company, Fort Worth, Tex. Vehicle side rack. 2,579,774, Dec. 25.
Akins, Stuart M., Curundu, Canal Zone. Booster socket wrench. 2,558,897, July 3.
Aklin, George H., assignor to Eastman Kodak Company, Rochester, N. Y. High aperture corrected photographic objective comprising five components in axial alignment. 2,559,836, July 10.
Aklin, George H., assignor to Eastman Kodak Company, Rochester, N. Y. Photographic objective consisting of three simple elements and a cemented triplet therebehind. 2,574,995, Nov. 13.
Akron Brass Manufacturing Company, Inc., assignee: *See*—
Brubaker, William.
Lee, Floyd J.
Prout, Erlmer W.
Akron Standard Mold Company, assignee: *See*—
Kastner, Edward C.
Aktiebolaget Addo, assignee: *See*—
Lundin, Sven A. E.
Aktiebolaget Alona, assignee: *See*—
Westberg, Per.
Aktiebolaget Atlas Diesel, assignee: *See*—
Björkman, Gustaf E.
Liedberg, Kurt H.
Pyk, Herman T., and Camner.
Aktiebolaget Atvidaberg-Facit, assignee: *See*—
Grip, Erik K.
Aktiebolaget Atvidabergs Industrier, assignee: *See*—
Lidin, Sigfried E.
Aktiebolaget Åtvidabergs Industries, assignee: *See*—
Liljeström, Gustaf V.
Aktiebolaget Bofors, assignee: *See*—
Gerdin, Sven G.
Palme, Karl B.
Sahlin, Borje, Aslund, and Jansson.
Sahlin, Börje, and Jansson.
Aktiebolaget Bolinder-Munktell, assignee: *See*—
Evrell, Kaleb E.
Aktiebolaget C. E. Johansson, assignee: *See*—
Abramson, Hugo.
Aktiebolaget Centrallaboratorium, assignee: *See*—
Smedslund, Tor H.
Aktiebolaget Colorator, assignee: *See*—
Nieburg, Felix.
Aktiebolaget Cryptoteknik, assignee: *See*—
Nyberg, Ernst V.
Aktiebolaget Dentatus, assignee: *See*—
Björklund, Gustaf E., and Westberg.
Aktiebolaget Dixma, assignee: *See*—
Lydfors, John.
Aktiebolaget Elektrolux, assignee: *See*—
Bäckström, Sigurd M.
Bilde, Tord E. D.
Borén, Karl G.
Ell, Lars J. F.
Häggmark, Bror A.
Hansson, Erik O. H.
Hellstrom, Axel G.
Kallström Johan F. R.
Kögel, Wilhelm G.
Strandberg, Per P. S. B.
Thunberg, Sigurd F., Alm, and Fredlund.
Von Platen, Baltzar C.
Aktiebolaget Facit, assignee: *See*—
Grip, Erik K.
Toorell, Sture.
Toorell, Sture and Grip.

Aktiebolaget Ferrosan, assignee: *See*—
Rosdahl, Karl-Gustaf.
Rosdahl, Karl G., and Fekete.
Aktiebolaget Gotaverken, assignee: *See*—
Edvinsson, Anders G.
Edvinson, Anders G., and Danielsson.
Johansson, Johan E.
Aktiebolaget Götaverken, assignee: *See*—
Johansson, Johan E.
Aktiebolaget Hadar Schmidt, assignee: *See*—
Odén, Knut O.
Aktiebolaget Hägglund & Söner, assignee: *See*—
Hedlund, Frans O. H.
Aktiebolaget Häkanssons Industrier, assignee: *See*—
Westin, Johan T.
Aktiebolaget Imo-Industri, assignee: *See*—
Montelius, Carl O. J.
Aktiebolaget Jonkopings Motorfabrik, assignee: *See*—
Ostergren, Gustaf.
Aktiebolaget Kanthal, assignee: *See*—
Czepek, Rudolf.
Hägglund, Erik H. Mattiasson, and Rehnqvist.
Aktiebolaget Kaukas Fabrik, assignee: *See*—
Somer, Väinö H.
Somer, Väinö H., and Brehmer.
Aktiebolaget Leo, assignee: *See*—
Rosenberg, Ernst T., Högberg, and Claeson.
Aktiebolaget Linderoths Patenter, assignee: *See*—
Blomén, Torsten.
Aktiebolaget Nilsson & Johansson, assignee: *See*—
Lindahl, Henning W.
Atiebolaget Nordiska Armaturfabrikerna, assignee: *See*—
Svensson, Sven G., Person, and Langefors.
Aktiebolaget Recip, assignee: *See*—
Carlsson, Sven.
Aktiebolaget Rosenblads Patenter, assignee: *See*—
Lockman, Carl J.
Aktiebolaget Separator, assignee: *See*—
Andersson, Gustav H.
Andersson, Gustav H., and Thylefors.
Eckers, Carl G.
Erling, Sven J.
Fröding, Olof E.
Lindgren, Hans O.
Risberg, Johannes V. M.
Ruda, Gustaf W.
Staaff, Per H.
Stigen, Alf L.
Zachariassen, Stig H. B.
Aktiebolaget Separator-Nobel, assignee: *See*—
Andersson, Gustav H.
Engel, Bruno K., and Palmqvist.
Aktiebolaget Svenska Elektronror, assignee: *See*—
Bergö-Heineman, Anna M.
Aktiebolaget Svenska Kullagerfabriken, assignee: *See*—
Hjärne, Eric G.
Meuller, Karl H., and Törnebohm.
Palmgren, Nils A.
Synek, Viktor.
Aktiebolaget Tobo Bruk, assignee: *See*—
Kjellberg, Ragnar.
Aktiengesellschaft Brown, Boveri & Cie, assignee: *See*—
Faber, Paul.
Goldstein, Alexander, and Blatter.
Hartmann, Hans.
Meyer, Adolf.
Pfenninger, Hans.
Schweizer, Rudolf.
Thommen, Hans
Wideröe, Rolf.
Aktiengesellschaft der Eisen-und Stahlwerke vormals Georg Fischer, assignee: *See*—
Künzi, Karl.
Aktiengesellschaft fuer Technische Studien, assignee: *See*—
Keller, Curt.
Kleiber, Heinz.
Aktieselskabet Dansk Gaerings-Industri, assignee: *See*—
Jørgensen, Holger.
Aktieselskapet Norsk Aluminum Company, assignee: *See*—
Brodal, Erling, and Guldhav.
Aladdin Industries, Incorporated, assisgnee: *See*—
Engh, Walter B., and Davis.
Schaper, William A.
Ulmer, William W.
Aland, Richard C., Clermont, Fla., assignor to Continental Motors Corporation, Muskegon, Mich. Internal-combustion engine. 2,562,404, July 31.
Alba, Ralph T.: *See*—
Wallerstein, James S., and Alba.
Alba, Ralph T., assignor, by mesne assignments, to Wallerstein Company, Inc., New York, N. Y. Isolation of enzymes from aqueous solutions with lignin and gelatin and product obtained thereby. 2,547,429, Apr. 3.
Albagnac, Jean A., Paris, France, assignor to Societe: Le Carbone-Lorraine. Composite brake lining. 2,554,548, May 29.
Alben, Frank L., Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Flexible laterally restrained center pin. 2,558,069, June 26.
Albers-Schoenberg, Ernst, Metuchen, assignor to Steatite Research Corporation, Keasbey, N. J. Ceramic magnetic materials with high saturation-flux density. 2,565,058, Aug. 21.
Albers-Schoenberg, Ernst, Metuchen, assignor to Steatite Research Corporation, Keasbey, N. J. Ceramic magnetic material with a small temperature coefficient. 2,565,111, Aug. 21.
Albers-Schoenberg, Ernst, Metuchen, assignor to Steatite Research Corporation, Keasbey, N. J. Ceramic parts for electrical devices having magnetic properties and making. 2,568,881, Sept. 25.
Albersheim, Walter J., Interlaken, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Microwave transmission system. 2,556,669, June 12.
Albert, Alan, Denver, Colo. Portable refrigeration box. 2,566,301, Sept. 4.
Albert, Charles G., McIntyre, Ga., assignor to Edgar Brothers Company, Metuchen, N. J. Treatment of flocculable and deflocculable material. 2,540,182, Feb. 6.
Albert, Daniel A., Richmond Hill, N. Y. Film holder. 2,579,287, Dec. 18.
Albert, Donald E., Alexandria, Va. Rotary control mechanism. 2,539,386, Jan. 30.
Albert, Harry E.: *See*—
Eberly, Kenneth C., Smith, and Albert.
Albert, Harry E., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Butadiene-styrene copolymers stabilized with tertiary alkyl naphthols. 2,537,635, Jan. 9.
Albert, Harry E., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Halo-alkylphenol stabilizers for synthetic rubber. 2,560,044, July 10.
Albert, Harry E., and G. E. P. Smith, assignors to The Firestone Tire & Rubber Company, Akron, Ohio. Butadiene-styrene rubbery copolymer stabilized with antimonyl-4,6-dimethyl catecholate. 2,560,029, July 10.
Albert, Walter P., Madison, N. J., and H. W. Goff, Manhasset, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Recorder failure indicator. 2,554,549, May 29.
Albertson & Company, Inc., assignee: *See*—
Albertson, Frans O., and Madsen.
Albertson, Carl W., Fairfield, Ohio. Making frictional bearing surfaces. 2,558,286, June 26.
Albertson, Frans O., and J. A. W. Madsen, assignors to Albertson & Company, Inc., Sioux City, Iowa. Chuck. 2,537,179, Jan. 9.
Albertson, Lawrence E., assignor to The McKays Company, St. Paul, Minn. Water softening system and apparatus. 2,571,000, Oct. 9.
Albertson, Lawrence E., Minneapolis, assignor to The McKays Company, St. Paul, Minn. Feeder. 2,578,387, Dec. 11.
Albertson, Noel F., East Greenbush, and S. Archer, Albany, assignors, by mesne assignments, to Winthrop-Stearns Inc., New York, N. Y. Lower alkyl (beta-cyanoalkyl)-(lower acyl) aminomalonates. 2,553,737, May 22.
Albin, Archer O., Lynbrook, N. Y., assignor to Mergenthaler Linotype Company. Magazine shifting safety device. 2,574,005, Nov. 6.
Albin, Benjamin D.: *See*—
Koch, Erich J., and Albin.
Albin, Frederick G., Los Angeles, Calif., assignor to Radio Corporation of America. Film processing device. 2,570,627, Oct. 9.
Albin, Willoughby, New York, N. Y. Lifting jack for hand trucks. 2,558,330, June 26.
Albina Engine & Machine Works, Inc., assignee: *See*—
Symons, Percy L.
Albiswerk Zuerich A. G., assignee: *See*—
Schircks, Eric.
Albrand, Wladimir, assignor to Compagnie Generale d'Electricite, Paris, France. Regulating apparatus for the automatic charging in two stages of a battery of accumulators. 2,563,670, Aug. 7.
Albrecht, Albert W., McHenry, E. J. Mastney, Berwyn, and A. C. Ten Cate, Downers Grove, assignors to Oak Mfg. Co., Chicago, Ill. Record changer. 2,558,474, June 26.
Albrecht, Alexander J.: *See*—
Huck, William F., Heller, and Albrecht.
Albrecht, Alexander J., West New York, N. J., assignor to R. Hoe & Co., Inc., New York, N. Y. Ink and water motion trip for offset printing machines. 2,545,836, Mar. 20.
Albrecht, Alexander J., West New York, N. J., assignor to R. Hoe & Co., Inc., New York, N. Y. Registering impressions in multiunit sheet printing machines. 2,577,099, Dec. 4.
Albrecht, Hugo, Baltimore, Md. Beehive. 2,543,750, Mar. 6.
Albrecht, Otto, Neuewelt, assignor to Ciba Limited, Basel, Switzerland. Compositions of matter for producing a softening effect on textiles. 2,576,896, Nov. 27.
Albrecht, Otto, Neuewelt near Basel, assignor to Ciba Limited, Basel, Switzerland. Compositions of matter containing semiesters of dicarboxylic acids. 2,576,897, Nov. 27.
Albrecht, Otto. Neuewelt near Basel, Switzerland, assignor to Ciba Limited. Semiesters of unsaturated dicarboxylic acids. 2,576,898. Nov. 27.
Albrecht, Otto, Munchenstein, assignor to Ciba Limited, Basel, Switzerland. Partial esters of polybasic sulfide carboxylic acids and making same. 2,576,899, Nov. 27.
Albrecht, William G., Jr., Baltimore, Md. Bookmark. 2,541,735, Feb. 13.

Albright, Charles B., New York, N. Y., assignor to The Orr Felt & Blanket Company, Piqua, Ohio. Drying and curing apparatus. 2,576,274, Nov. 27.

Albright, Franklin C., assignor to Bendix Aviation Corporation, South Bend, Ind. Aircraft landing gear having shock absorber inside hub. 2,568,696, Sept. 25.

Albright, Franklin C., assignor to Bendix Aviation Corporation, South Bend, Ind. Fluid pressure operated steering device. 2,580,064, Dec. 25.

Albright, James E., Collingswood, N. J., assignor to Radio Corporation of America. Television camera with indicator. 2,566,509, Sept. 4.

Alch, Lessing, St. Louis, Mo. Collapsible sectional top table. 2,545,064, Mar. 13.

Alciati, Charles J., and A. J. Andersen, San Francisco, assignors to Moore Dry Dock Co., Oakland, Calif. Roller mill with pivoted roll support. 2,560,837, July 17.

Alco Valve Company, assignee: *See*—
Dube, John E., and Bower.
Dube, John E., and Jones.
Ives, Clifford B.
Miller, Edward G., and Engberg.
Rose, Howard E.

Alcock, John F., North Lancing, assignor, by mesne assignments, to Ricardo & Co. Engineers (1927) Limited, London, England. Molten metal-air thermal power plant. 2,561,604, July 24.

Alcock, John F., North Lancing, assignor to Power Jets (Research and Development) Limited, London, England. Circumferentially arranged temperature device in jet pipe of combustion turbine. 2,546,415, Mar. 27.

Alcon Metal Products, Inc., assignee: *See*—
DeVito, Charles P.

Alcoriza, Sofronio B., Walnut Grove, Calif. Brake fluid operated switch unit. 2,566,545, Sept. 4.

Aldeborgh, Erik H., assignor to Standard Gage Company, Inc., Poughkeepsie, N. Y. Snap gauge construction. 2,560,203, July 10.

Alden, Herbert W., assignor to The Timken-Detroit Axle Company, Detroit, Mich. Vehicle wheel drive. 2,539,387, Jan. 30.

Alden, Milton, Brockton, Mass. Facsimile recorder. 2,540,081, Feb. 6.

Alden Products Co., assignee: *See*—
Nyman, Alexander.

Alder, Robert L., La Canada, assignor to Lane-Wells Company, Los Angeles, Calif. Constant current regulating circuit. 2,551,407, May 1.

Alderfer, Sterling W., and F. R. Thompson, Akron, assignors, by mesne assignments, to The Falls Stamping and Welding Company, Cuyahoga Falls, Ohio. Prefabricated canopy. 2,559,209, July 3.

Alderman, Robert F., Detroit, Mich. Artificial fish lure. 2,575,609, Nov. 20.

Alderton, Gordon, Albany, and H. L. Fevold, Berkeley, Calif., assignors to the United States of America as represented by the Secretary of Agriculture. Crystallization of lysozyme from egg white. 2,579,455, Dec. 25.

Aldinger, Edward L., Jr., Cincinnati, Ohio. Combination fishing line and bobber. 2,571,808, Oct. 16.

Aldred, John L., Jr.: *See*—
Wilfley, Elmer R., and Aldred.

Aldrich, Edward C.: *See*—
Aldrich, William S. and E. C.

Aldrich, Harry J., assignor to Motor Wheel Corporation, Lansing, Mich. Spring unit for stripper devices. 2,579,641, Dec. 25.

Aldrich, Paul H., Urbana, Ill., assignor to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Alkoxysilane-amine asphalt additive. 2,570,185, Oct. 9.

Aldrich, William S., Chaldon, near Caterham, assignor to Stilwell Darby & Company Limited, London, England. Projection apparatus for positive and negative image pairs. 2,558,999, July 3.

Aldrich, William S., Chaldon, near Caterham, and E. C. Aldrich, Shirley, assignors to The British Vibralux Limited, London, England. Optical projecting apparatus for a disk with concentric tracks of matter to be projected. 2,546,054, Mar. 20.

Aldridge, Clarence F., and C. L. Brown, assignors to Taylor Instrument Companies, Rochester, N. Y. Pasteurizing control system. 2,547,430, Apr. 3.

Aldridge, Seth E., San Diego, Calif. Breaker plate assembly for distributors. 2,546,710, Mar. 27.

Alesi, Anthony L.: *See*—
Vasileff, Natcho, and Alesi.

Alessandro, Gaetano, Lorain, Ohio. Valve. 2,540,229, Feb. 6.

Alessio, Ernesto D., Akron, Ohio. Apparatus for handling mixed concrete. 2,568,678, Sept. 18.

Alex, Peter: *See*—
Bosh, James E., and Alex.

Alexander, Allen L., and P. King, Washington, D. C. Antifouling composition. 2,571,094, Oct. 16.

Alexander, Arthur F., Cleveland, Ohio. Clamping latch. 2,569,647, Oct. 2.

Alexander, Arthur H. and J. H., Victoria, British Columbia, Canada, assignors to Kennametal Inc., Latrobe, Pa. Percussion drill bit body. 2,575,438, Nov. 20.

Alexander, Ben: *See*—
Deloraine, Edmond M., and Alexander.

Alexander, Bruce T., assignor to The Girdler Corporation, Louisville, Ky. Stabilization of aqueous amine solutions against oxidation and corrosion in gas separation processes. 2,559,580, July 10.

Alexander, Carl Z., Hopatcong, N. J. Boiler. 2,577,728, Dec. 11.

Alexander, Collin H., and C. A. Baer, assignors to Bausch & Lomb Optical Company, Rochester, N. Y. Depositing thin films. 2,553,289, May 15.

Alexander, Cruzan, and T. H. Whaley, Bartlesville, Okla., assignors to Phillips Petroleum Company. Agglomerating apparatus. 2,548,332, Apr. 10.

Alexander, David B., Pottstown, Pa. Centrifugal pump and turbine reversible fluid transmission. 2,571,179, Oct. 16.

Alexander, Donald B., trustee, assignee: *See*—
Nickerson, Mortimer H.

Alexander, Donald F., Oakwood, assignor to General Motors Corporation, Dayton, Ohio. Generator regulation. 2,536,248, Jan. 2.

Alexander, Donald F., and C. J. Werner, Oakwood, assignors to General Motors Corporation, Dayton, Ohio. Electrical system on railroad car. 2,541,904, Feb. 13.

Alexander, Douglas S., assignor to Polymer Corporation, Sarnia, Ontario, Canada. Sealing packings. 2,547,358, Apr. 3.

Alexander, Edward E.: *See*—
Riegel, Glen C., Alexander, and Lenz.

Alexander, Everett C., Charlottesville, Va., assignor to Southern Welding & Machine Company. Bulldozer attachment for tractors. 2,559,816, July 10.

Alexander, Fred L.: *See*—
Cromer, Sylvan, Booth, and Alexander.

Alexander, Harry S., assignor to Keystone View Company, Meadville, Pa. Vision target assembly for telebinocular instruments. 2,567,502, Sept. 11.

Alexander, Henry S., assignor to Keystone View Company, Meadville, Pa. Reading pacer apparatus. 2,568,577, Sept. 18.

Alexander, James B., Cudahy, assignor to Bucyrus-Erie Company, South Milwaukee, Wis. Fluid filter. 2,557,064, June 19.

Alexander, James M., and C. V. Basey, Parsons, Kans. Awning fixture. 2,558,331, June 26.

Alexander, Johan W., and B. J. Wesselink, Eindhoven, Netherlands, assignors to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Radio beacon system. 2,577,443, Dec. 4.

Alexander, John A., Pacific Palisades, Calif. Electrical switch. 2,579,135, Dec. 18.

Alexander, John H.: *See*—
Alexander, Arthur H. and J. H.

Alexander, John J., Munster, Ind., assignor to Standard Oil Company, Chicago, Ill. Sulfurizing terpenes. 2,537,297, Jan. 9.

Alexander, L. I., assignee: *See*—
Clark, Simmie J.

Alexander, Leon G.: *See*—
Sherrill, James W., and Alexander.

Alexander, Leon G., Charlotte, and J. W. Sherrill, Belmont, assignors to Wix Accessories Corporation, Gastonia, N. C. Flashlight oil tester. 2,562,997, Aug. 7.

Alexander, Leon R.: *See*—
Metheny, Clyde E., Alexander, and Turner.

Alexander, Lowell M., Cincinnati, Ohio, assignor to Nutone, Incorporated, New York, N. Y. Chime. 2,559,334, July 3.

Alexander, Maurice L., Fort Wayne, Ind., assignor, by mesne assignments, to Farnsworth Research Corporation. Automatic station selector. 2,541,017, Feb. 13.

Alexander, Paul, Berkhamsted, England. Producing vacua. 2,560,913, July 17.

Alexander, Percie F., Corning, Kans. Tractor hitch. 2,542,448, Feb. 20.

Alexander, Peter P.: *See*—
Lindsley, Thayer, and Alexander.

Alexander, Ronald R., and W. P. O'Brien, Montreal, Quebec, Canada. Log carrier. 2,540,803, Feb. 6.

Alexander, Russel C., Long Beach, Calif. Parking meter device. 2,575,650, Nov. 20.

Alexander, Sam, assignor of one-third to R. L. Kersey and one-third to Birkhead Beckmann, Stanard, Vance & Wood, San Antonio, Tex. Engine oil-cooling means. 2,554,437, May 22.

Alexander, Samuel A., Washington, D. C. Chemical heating device. 2,541,736, Feb. 13.

Alexander, Sylvia C., Ukiah, Calif. Headrest. 2,566,757, Sept. 4.

Alexander, William C., Port Arthur, Tex. Wheeled golf club carrier. 2,564,828, Aug. 21.

Alexander, William M.: *See*—
Lee, John W., Martin, and Alexander.

Alexander, William R.: *See*—
Rankin, John A., Alexander, and Deal.

Alexanderson, Ernst F. W., Schenectady, N. Y., assignor to General Electric Company. System for reproducing positions. 2,550,514, Apr. 24.

Alexanderson, Ernst F. W., A. H. Mittag, and E. L. Phillipi, Schenectady, N. Y., assignors to General Electric Company. Fault-suppressing circuits. 2,548,577, Apr. 10.

Alexanderson, Ernst F. W., Schenectady, B. D. Bedford, Scotia, and A. H. Mittag, Schenectady, N. Y., assignors to General Electric Company. Locomotive power system. 2,549,405, Apr. 17.
Alexanderson, Howard A.: *See*—
Hague, Robert Z., and Alexanderson.
Alexanderson, Howard A., Wood-Ridge, and H. C. Nette, Rutherford, assignors to Bendix Aviation Corporation, Teterboro, N. J. Regulator. 2,544,973, Mar. 13.
Alexandre, Miguel, Rio de Janeiro, Brazil. Airplane propeller. 2,569,273, Sept. 25.
Alexandrescu, Alexander M., Cleveland, Ohio. Rotary turbine-type fluid coupling. 2,569,087, Sept. 25.
Alfandari, L., Machine Co., Inc., assignee: *See*—
Alfandari, Louis.
Alfandari, Louis, assignor to L. Alfandari Machine Co., Inc., Corona, N. Y. Power-driven cutting machine for shoulder pads. 2,547,242, Apr. 3.
Alfaro, Heraclio, assignor to American Bosch Corporation, Springfield, Mass. Hydraulic governor. 2,567,753, Sept. 11.
Alfaro, Heraclio, and G. B. Wood, Jr., assignors to American Bosch Corporation, Springfield, Mass. Accumulator type injector nozzle. 2,556,356, June 12.
Alferieff, Michel, Algorta, Guecho, Spain. Coating metallic objects with other metals. 2,570,906, Oct. 9.
Alford, Edward L., Chatham, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Joining coaxial cables. 2,538,225, Jan. 16.
Alford, Joseph S., Nahant, N. Burgess, Melrose, and I. G. Cruckshank, Malden, Mass., assignors to General Electric Company. Variable area nozzle and fluid injection control for turbojet engines. 2,551,229, May 1.
Alfreds, Torris H., Park Ridge, Ill., assignor to Mapes Consolidated Manufacturing Company, Griffith, Ind. Egg packing material. 2,560,402, July 10.
Alfrey, Gaylord T., Oroville, Calif. Drafting instrument for drawing broken lines. 2,557,212, June 19.
Alfsen, Nikolai, assignee: *See*—
Kielland, Kaspar K.
Alfven, Hannes, and H. Romanus, assignors to Telefonaktiebolaget L M Ericsson, Stockholm, Sweden. Electron discharge apparatus circuit. 2,563,807, Aug. 14.
Alger, John, Lakewood, Colo. Device for releasing stuck rock drill steels. 2,579,533, Dec. 25.
Alger, Philip L., Schenectady, N. Y., assignor to General Electric Company. Dynamoelectric machine winding. 2,559,335, July 3.
Alger, Martin J., Jr., Watertown, N. Y., assignor to The New York Air Brake Company. Circuit failure protection device. 2,575,545, Nov. 20.
Alger, Milton W., Brockton, Mass. Hydraulic stop device for web feeding machines. 2,578,960, Dec. 18.
Algin Corporation of America, assignee: *See*—
Le Gloahec, Victor C. E.
Alginate Industries Limited, assignee: *See*—
Speakman, John B., Chamberlain, and Dorkin.
Alhand, Richard J.: *See*—
Loveless, Boyd B., Alhand, and Sample.
Alikonis, Justin J., assignor to Paul F. Beich Company, Bloomington, Ill. Method and apparatus for making confectionery. 2,536,340, Jan. 2.
Alikonis, Justin J., assignor to Paul F. Beich Company, Bloomington, Ill. Rotary beater mill and classifier for producing sieve range sized chocolate products. 2,574,948, Nov. 13.
All America Cables & Radio, Inc., assignee: *See*—
Rosenberger, Harold J.
All American Airways, Inc., assignee: *See*—
Cotton, Robert B.
Doolittle, Donald B.
All-American Novelty Company, Inc., assignee: *See*—
Dezzani, John.
Allan, Archibald, Whitley Bay, and J. F. S. Small, Gateshead, assignors to A. Reyrolle & Company Limited, Hebburn-on-Tyne, England. Spring-driven operating mechanism for electric switchgears. 2,556,054, June 5.
Allan, Benjamin W.: *See*—
Eisenberg, Harry, Allan, and Roseman.
Allan, Edwin, Spencerport, N. Y. Apparatus for treating vegetables with hot water and steam. 2,556,385, June 12.
Allan, Frederick W., Batavia, N. Y. Mounting mechanism for bulldozer blades and similar implements. 2,565,337, Aug. 21.
Allan, George W., San Lorenzo, Calif. Bookkeeping machine. 2,550,133, Apr. 24.
Allan, James F., assignor to William Denny and Brothers Limited, Dumbarton, and Brown Brothers and Company Limited, Edinburgh, Scotland. Roll-stabilizing oscillating fin installation on ships. 2,550,752, May 1.
Allan, William G.: *See*—
Wright, Harold R., and Allan.
Allan, William J., Richmond Heights, assignor to Missouri Automatic Control Corporation, St. Louis, Mo. Temperature controller. 2,536,831, Jan. 2.
Allan, William J., Richmond Heights, assignor to Missouri Automatic Control Corporation, St. Louis, Mo. Electric switch. 2,548,280, Apr. 10.
Allard, Pierre J. M. T., Chantilly, France. Constructing piles or piers for foundations. 2,555,951, June 5.
Allardt, Ernst W., Alliance, Ohio, assignor to The Babcock & Wilcox Tube Company, West Mayfield, Pa. Bead trimmer. 2,573,295, Oct. 30.
Allbert, Eugene F., Turtle Creek, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Regulating generator control system. 2,550,104, Apr. 24.
Allee, Herbert D., Grosse Pointe, assignor, by mesne assignments, to Moynahan Bronze Company, Detroit, Mich. Safety hinge. 2,557,716, June 19.
Allegheny Ludlum Steel Corporation, assignee: *See*—
Gippert, Le Roy E.
Kiefer, George C.
Mohling, Gunther, and Wilson.
Scharschu, Charles A.
Sheridan, Claude M., and Pruger.
Allegro, Joseph A., assignee: *See*—
Richeson, Sanford E.
Alleman, Carl E.: *See*—
Quigg, Donald J., and Alleman.
Alleman, Carl E., and D. J. Quigg, Bartlesville, Okla., assignors to Phillips Petroleum Company. Method and apparatus for removing condensibles from gases. 2,561,720, July 24.
Allemann, James G., Santa Ana, Calif. Bottom margin indicator for typewriters. 2,571,996, Oct. 23.
Allen, Adda M., Arlington, Va., assignor to Disposable Bottle Corporation, Washington, D. C. Nursing outfit. 2,550,034, Apr. 24.
Allen, Alaric: *See*—
Fleming-Williams, Brian C., and Allan.
Allen, Alva, assignee: *See*—
Stratton, Verlin K., and McClellen.
Allen, Anderson & Company, assignee: *See*—
Allen, Dwight P.
Allen, Arthur N., Jr.: *See*—
Anderson, John E., and Allen.
Allen, Arthur N., Jr., East Windsor Hill, assignor to United Aircraft Corporation, East Hartford, Conn. Sealing means for the work chambers in oscillating vane type fluid motors. 2,550,180, Apr. 24.
Allen-Bradley Company, assignee, *See*—
Dawe, Albert J.
Matthias, Lynn H.
Allen, Bruce J., Cuyahoga Falls, Ohio, assignor, by mesne assignments, to Hagan Corporation, Pittsburgh, Pa. Differential thermostatic device. 2,565,713, Aug. 28.
Allen, Calvin H. and M. E., Oakland, Calif. Cover attachment for telephone hand sets. 2,554,081, May 22.
Allen, Charles F. H., assignor to Eastman Kodak Company, Rochester, N. Y. Color couplers containing terphenyl radicals. 2,550,661, May 1.
Allen, Charles F. H., and J. A. Van Allan, assignors to Eastman Kodak Company, Rochester, N. Y. Manufacturing 4,5-diphenylphthalic anhydrides. 2,537,873, Jan. 9.
Allen, Charles F. H., and J. R. Byers, Jr., assignors to Eastman Kodak Company, Rochester, N. Y. Preparation of nuclear substituted cinnamyl alcohols. 2,545,439, Mar. 20.
Allen, Charles F. H., and J. A. Van Allan, assignors to Eastman Kodak Company, Rochester, N. Y. Copolymers of cinnamoyl-vinyl aromatic hydrocarbons. 2,566,302, Sept. 4.
Allen, Charles F. H., and J. A. Van Allan, assignors to Eastman Kodak Company, Rochester, N. Y. N-(acetylmercaptoacetyl)-N'-n-butylurea. 2,574,996, Nov. 13.
Allen, Chas. G., Co., assignee: *See*—
Allen, Robert H.
Allen, Charles H., Jr., Slocum, R. I., assignor, by mesne assignments, to American Research Associates, Inc. Killing weeds. 2,552,388, May 8.
Allen, Charles J., Jr., Charlotte, N. J., assignor to American Crankshaft Company. Reconditioning crankshafts and the like. 2,567,685, Sept. 11.
Allen, Clyve C., Cyril, assignor to Anderson-Prichard Oil Corporation, Oklahoma City, Okla. Depolarization process for petroleum fractions. 2,553,624, May 22.
Allen, Durwood D., Los Angeles, Calif. Refrigerator rack bottle guide. 2,572,090, Oct. 23.
Allen, Dwight P., Detroit, assignor to Allen, Anderson & Company, Wayne County, Mich. Making door sealing strippings containing sponge rubber. 2,538,406, Jan. 16.
Allen, Earl M., Chicago, Ill., assignor to The Union Switch and Signal Company, Swissvale, Pa. Highway crossing protection apparatus. 2,552,834, May 15.
Allen, Earl M., assignor to The Union Switch & Signal Company, Swissvale, Pa. Centralized traffic control system for railroads for the code control of interlocked track switches and signals. 2,567,834, Sept. 11.
Allen, Earl M., Chicago, Ill., assignor to Westinghouse Air Brake Company. Route circuit network control apparatus for railway signals. 2,580,150, Dec. 25.
Allen, Edgar A. Wheelersburg, Ohio. Synchronous motor clockwork. 2,574,430, Nov. 6.
Allen, Edwin L., Cleveland Heights, assignor, by mesne assignments, to Rudolph I. Schonitzer, Cleveland, Ohio. Control mechanism for door latches. 2,573,679, Nov. 6.
Allen, Erhard, deceased, Dayton, Ohio; H. A. Allen, executrix, assignor to H. A. Allen. Lawn trimmer. 2,574,947, Nov. 13.
Allen, Ethan T., Gardena, Calif. Retrievable drilling bit. 2,550,035, Apr. 24.
Allen, Everett W., Birmingham, assignor to General Motors Corporation, Detroit, Mich. Push-out window. 2,548,250, Apr. 10.

Allen, Frances D.: *See*—
Potts, Esther B., and La Roche.

Allen, Frank, Joplin, Mo. Handle grip. 2,539,805, Jan. 30.

Allen, Frank B.: *See*—
Cahusac, Clarence N., and Allen.

Allen, Frank B., Verona, and N. H. Siebens, Cedar Grove, assignors to C-O-Two Fire Equipment Company, Newark, N. J. Delayed action first-extinguishing system. 2,537,009, Jan. 9.

Allen, Frank B., Towaco, and N. H. Siebens, East Orange, assignors to C-O-Two Fire Equipment Company, Newark, N. J. Discharge valve with floating check. 2,579,457, Dec. 25.

Allen, Frederick, Gosport, England, assignor to S. Hilliard, Saanichton, British Columbia, Canada. Cutters, shears, or the like. 2,549,280, Apr. 17.

Allen, Frederick J., San Diego, Calif. Convertible electrical stringed musical instrument. 2,561,551, July 24.

Allen, George T.: *See*—
Isreeli, Jack, and Allen.

Allen, George T., New York, assignor to Simmonds Aerocessories Inc., Tarrytown, N. Y. Balanced poppet valving system. 2,540,183, Feb. 6.

Allen, George W., Indianapolis, Ind., assignor to Stewart-Warner Corporation, Chicago, Ill. Safety fuel system for heaters. 2,568,107, Sept. 18.

Allen & Hanburys Limited, assignee: *See*—
Campbell, Norman R., Fitzgerald, Collier, and Dunsmuir.

Allen, Harold P., Mansfield, Ohio, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Pilot lamp mounting. 2,545,508, Mar. 20.

Allen, Harold R., Venice, and G. C. Barber, Los Angeles, assignors to Douglas Aircraft Company, Inc., Santa Monica, Calif. Multiple clamp. 2,570,419, Oct. 9.

Allen, Harry L., Philadelphia, Pa., and E. G. Kerr, Haddonfield, N. J., assignors to Allied Chemical & Dye Corporation, New York, N. Y. Producing indene modified phenol formaldehyde resins. 2,540,641, Feb. 6.

Allen, Helen A., executrix, assignee: *See*—
Allen, Erhard.

Allen, Herbert: *See*—
Calhoun, George H., and Van Allen.

Allen, Herbert, assignor to Cameron Iron Works, Houston, Tex. Pressure gauge. 2,537,729, Jan. 9.

Allen, Herbert, and M. T. Works, assignors to Cameron Iron Works, Inc., Houston, Tex. Suspending and sealing casings. 2,553,838, May 22.

Allen, Herbert, and G. E. Nevill, assignors to Cameron Iron Works, Inc., Houston, Tex. Plug type valve and seal therefor. 2,559,695, July 10.

Allen, Holless, North Kansas City, Mo. Automatic reel for garden hose. 2,566,867, Sept. 4.

Allen, Howard G., Niagara Falls, N. Y., assignor to American Machine & Foundry Company. Tobacco pouch. 2,560,535, July 17.

Allen, Howard G., Niagara Falls, and G. E. Gampp, Kenmore, N. Y., assignors to American Machine & Foundry Company. Work station conveying mechanism. 2,551,080, May 1.

Allen, Howard G., and W. O. Sims, Niagara Falls, and E. A. Ebert, Snyder, assignors, by mesne assignments, to American Machine and Foundry Company, New York, N. Y. Machine for applying banding sleeves to containers. 2,579,458, Dec. 25.

Allen Industries, Inc., assignee: *See*—
Gordon, Jack C.

Allen, James B., Prineville, Oreg. Power swung log turner. 2,571,177, Oct. 16.

Allen, James S.: *See*—
Burdick, Everette M., and Allen.

Allen, John G., Bartlesville, Okla., assignor to Phillips Petroleum Company. Fluid mixer-reactor. 2,548,759, Apr. 10.

Allen, John G., Bartlesville, Okla., assignor to Phillips Petroleum Company. Catalyst regeneration process. 2,552,659, May 15.

Allen, John G., Bartlesville, Okla., assignor to Phillips Petroleum Company. Recovering hydrogen fluoride in an alkylation process. 2,574,006, Nov. 6.

Allen, John M., Sr., Mart, Tex. Armrest. 2,569,436, Oct. 2.

Allen, John W.: *See*—
Mover, Frederick D., and Allen.
Wiggins, John H., and Allen.

Allen, John W., Chicago, Ill., assignor to Chicago Bridge & Iron Company. Floating roof tank. 2,536,019, Jan. 2.

Allen, John W., assignor to J. H. Wiggins, Chicago, Ill. Balancing or leveling mechanism for fluid storage apparatus. 2,540,312, Feb. 6.

Allen, John W., assignor to J. H. Wiggins, Chicago, Ill. Balancing mechanism for fluid storage apparatus of the vertically movable type. 2,540,773, Feb. 6.

Allen, John W., assignor to J. H. Wiggins, Chicago, Ill. Dry seal gas holder. 2,554,765, May 29.

Allen, John W., assignor to J. H. Wiggins, Chicago, Ill. Balancing mechanism. 2,554,766, May 29.

Allen, John W., assignor to J. H. Wiggins, Chicago, Ill. Dry seal pressure type gas holder. 2,554,767, May 29.

Allen, John W., assignor to J. H. Wiggins, Chicago, Ill. Building dry seal, piston-type gas holders. 2,554,768, May 29.

Allen, John W., Chicago, Ill., assignor to Chicago Bridge & Iron Company. Floating roof. 2,567,920, Sept. 18.

Allen, John W., assignor to J. H. Wiggins, Chicago, Ill. Dry seal pressure type gas holder. 2,579,776, Dec. 25.

Allen, Joseph J., Allendale, S. C. Mechanical boll weevil catcher. 2,564,774, Aug. 21.

Allen, Kenneth B.: *See*—
Johnson, Norton T., and Allen.

Allen, Kenneth R., Ridgewood, and H. G. Vore, Forest Hills, N. Y., assignors to American Seal-Kap Corporation of Delaware, Wilmington, Del. Capping head. 2,579,775, Dec. 25.

Allen, Leonora B., Covington, Ga. Garment bagging machine. 2,542,449, Feb. 20.

Allen, Lewis H., East Aurora, N. Y. Shoulder shield. 2,554,725, May 29.

Allen Manufacturing Company, Inc., assignee: *See*—
Cargile, Neil H., Clemetson, and Nelson.

Allen, Mary E.: *See*—
Allen, Calvin H. and M. E.

Allen, Milton J., Baltimore, Md., assignor to the United States of America as represented by the Administrator of the Federal Security Agency. Preparation of substituted diaminostilbenes from pinacols. 2,537,950, Jan. 16.

Allen, Milton J., Baltimore, Md., assignor to the United States of America as represented by the Administrator of the Federal Security Agency. Preparation of aminoindane compounds. 2,539,388, Jan. 30.

Allen, Milton J., Baltimore, Md., assignor to the United States of America as represented by the Administrator, Federal Security Agency. Preparation of substituted bis-aminophenyl ethylene glycols. 2,563,806, Aug. 14.

Allen, Norman L., Appleton, Wis. Fire alarm device for beds. 2,544,946, Mar. 13.

Allen, Ollie J., United States Army, Fort Benning, Ga. Interconnecting radio and telephone systems. 2,564,660, Aug. 21.

Allen, Perry E., Detroit, Mich. Protective shield for gasoline filler openings in automobile fenders. 2,537,567, Jan. 9.

Allen, Philip H., Orinda, Calif., and B. J. Chromy, Washington, D. C. Optical value-comparing and operation control mechanism. 2,558,721, July 3.

Allen, Philip S., Long Beach, Calif. Apparatus for taking and developing a series of pictures in sequence on a film strip. 2,541,016, Feb. 13.

Allen, Philip S., Long Beach, Calif. Film-strip carrier actuating mechanism for automatic photographic apparatus. 2,544,644, Mar. 13.

Allen, Philip S., Long Beach, Calif. Film transporting mechanism for automatic photographic apparatus. 2,576,204, Nov. 27.

Allen, Raney R., Dayton, Ohio. Fishing reel. 2,537,613, Jan. 9.

Allen, Raymond W., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Airplane landing gear. 2,560,030, July 10.

Allen, Reginald, Coventry, England. Forming and cutting tool. 2,539,941, Jan. 30.

Allen, Richard E., assignee: *See*—
Greenwood, Walter.

Allen, Robert C., Wauwatosa, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Gas turbine locomotive. 2,575,242, Nov. 13.

Allen, Robert H., assignor to Chas. G. Allen Co., Barre, Mass. Drill press. 2,579,459, Dec. 25.

Allen, Robert L., Atlanta, assignor to Georgia Buff Company, Duluth, Ga. Ply disorienting machine. 2,566,107, Aug. 28.

Allen, Robert L., Atlanta, Ga. Automatic brake for fishing reels. 2,579,532, Dec. 25.

Allen, Robert T.: *See*—
Robertson, Nat C., and Allen.

Allen, Robert Y., Encino, assignor of one-half to L. M. Poole, Los Angeles, Calif. Animated picture lamp. 2,538,407, Jan. 16.

Allen, Roy O., Athens, Pa., assignor to Ingersoll-Rand Company, New York, N. Y. Fluid distributing valve mechanism. 2,546,844, Mar. 27.

Allen, Rufus V., Chino, Calif. Magnet cutoff valve. 2,576,168, Nov. 27.

Allen, Russell E., and F. A. Murphy, Des Moines, Iowa. Sash and trim painter. 2,545,641, Mar. 20.

Allen, S. W., assignee: *See*—
Petion, Louis J.

Allen, Scott E., Verona, assignor to C-O-Two Fire Equipment Company, Newark, N. J. Discharge head for fire extinguishers. 2,558,409, June 26.

Allen-Sherman-Hoff Company, The, assignee: *See*—
Mylting, Lauritz E.
Silk, Philip B.

Allen, Sidney, assignor to Armstrong Siddeley Motors Limited, Coventry, England. Liquid fuel combustion chamber for turbine units. 2,560,401, July 10.

Allen, Sidney, and M. A. Stokes, assignors to Armstrong Siddeley Motors Limited, Coventry, England. Multiple combustion chamber torch igniter and auxiliary fuel spray device arrangement for initiating combustion. 2,540,642, Feb. 6.

Allen, Sidney J., London, and J. G. N. Drewitt, Spondon, near Derby, England, assignors to Celanese Corporation of America. Production of synthetic linear polydecamethylene oxalamide. 2,558,031, June 26.

Allen, Tull C.: *See*—
Masin, Jacob S., and Allen.
Allen, William M., Glendale, assignor to S. B. Merrill, Cincinnati, Ohio. Selective bell clapper silencer. 2,571,178, Oct. 16.
Allen, William S., Pittsburgh, Pa., assignor to United States Steel Company. Electrolytic tin plating bath. 2,552,920, May 15.
Allen, William S., Pittsburgh, Pa., assignor to United States Steel Company. Surface lubrication of metal products. 2,579,777, Dec. 25.
Allen, William S., Pittsburgh, Pa., assignor to United States Steel Company. Surface lubrication of metal products. 2,579,778, Dec. 25.
Allen, William W., assignor to American Chemical Paint Company, Ambler, Pa. Herbicidal compositions containing esters of chlorinated phenoxyacetic acids. 2,543,397, Feb. 27.
Allen, William W., assignor to American Coolair Corporation, Jacksonville, Fla. V-belt speed changer. 2,550,952, May 1.
Allenbaugh, George G., assignor to The Ohio Injector Company, Wadsworth, Ohio. Machining apparatus. 2,551,716, May 8.
Allenby, Owen C. W.: *See*—
Segall, Gordon H., and Allenby.
Allenby, Owen C. W., McMasterville, Quebec, assignor to Canadian Industries Limited, Montreal, Quebec, Canada. Diallyl ether dichlorohydrins. 2,543,952, Mar. 6.
Allenby, Owen C. W., McMasterville, assignor to Canadian Industries Limited, Montreal, Quebec, Canada. Preparation of 4-ethylcyclohexene. 2,576,743, Nov. 27.
Allenby, Owen C. W., McMasterville, and G. J. Harris, Beloeil Station, assignors to Canadian Industries Limited, Montreal, Quebec, Canada. Preparation of vinyl cyclohexene dichlorohydrins. 2,539,341, Jan. 23.
Allenby, William F., Stratford, assignor to The Greist Manufacturing Company, New Haven, Conn. Cloth-holding device for buttonhole attachments. 2,536,620, Jan. 2.
Allensworth, James N., Houston, Tex. Washing liquid and drying air-heating means for dishwashers. 2,564,798, Aug. 21.
Allewelt, Arthur L., West Chester, Pa., assignor to American Viscose Corporation, Wilmington, Del. Acrylonitrile copolymers. 2,560,680, July 17.
Aller, Claës B., Copenhagen, Denmark. Producing a printing form having a bimetallic surface. 2,558,504, June 26.
Aller, Edmund R.: *See*—
Williamson, Hilding V., and Aller.
Aller, T. Dwight: *See*—
Noll, Paul E., and Aller.
Aller, Willis F., assignor to The Sheffield Corporation, Dayton, Ohio. Lead and pitch gauging device. 2,547,681, Apr. 3.
Aller, Willis F., and D. H. McConnell, assignors to The Sheffield Corporation, Dayton, Ohio. Gauging device. 2,580,342, Dec. 25.
Alles, John J., Wilkes-Barre, Pa. Synchronous controller. 2,577,296, Dec 4.
Allewelt, Arthur L., West Chester, Pa., assignor to American Viscose Corporation, Wilmington, Del. Fluorinated polyamides. 2,570,180, Oct. 9.
Allgaier, Earl, Arlington County, Va. Color vision testing device. 2,579,779, Dec. 25.
Allgeo, Fred J., assignor of one-half to S. Johnson, San Francisco, Calif. Pendulum level with transparent indicators. 2,544,438, Mar. 6.
Allgeyer, Guy H., assignor to The Swartzbaugh Manufacturing Company, Toledo, Ohio. Control for electric blankets. 2,548,760, Apr. 10.
Allia, Domenico J., Worcester, Mass. Revolution counting device with radio-active control. 2,566,868, Sept. 4.
Alliance Manufacturing Company, The, assignee: *See*—
Schneider, Emmor V.
Allied Chemical & Dye Corporation, assignee: *See*—
Allen, Harry L., and Kerr.
Angermueller, Herman P.
Bailey, Maurice E.
Beckham, Leland J.
Brunschwyler, John P.
Bulifant, Theodore A.
Calfee, John D.
Calfee, John D., and Smith.
Carter, Bernard M.
Congdon, William J., and Datin.
Crittenden, Eugene D.
Davis, George A.
Donleavy, John J.
Donegan, Joseph W.
Farrell, James K., and Keene.
Florio, Patrick A., and Calfee.
Gilbert, Everett E., and Otto.
Gushard, William H., and Staiti.
Harkenrider, Robert J.
Hurst, Dee A., and Miller.
Joris, George G.
Kauffman, Harry F., Jr.
Liston, Thomas R., Spatz, Mazur, and Glick.
Lopker, Edwin B.
McCann, Harold G., and Trout.
Allied Chemical & Dye Corporation, assignee: *See*—Con.
Maslin, John A.
Melendy, Jesse G.
Merriam, Henry F., and Cummings.
Ogilvie, James.
Ogilvie, James, and Genta.
Otto, Julian A., and Gilbert.
Porter, Frank, and Cosby.
Prill, Erhard J.
Puchir, Michael, and Tryon.
Reeve, Charles S., and Anderton.
Spatz, Sydney M.
Spillane, Leo J., and Kayser.
Spillane, Leo J., and Tallman.
Steele, William R., and Sawnes.
Stolp, Charles, Jr.
Sievenpiper, Frederic.
Tiddy, William, and Cooper.
Timm, Lyle A., and Cosby.
Townend, Robert V., and Kelly.
Vingee, Raymond A.
Watson, William E.
Wethly, Frans.
Wethly, Frans, and Hartmann.
Allied Electric Products, Inc., assignee: *See*—
Chirelstein, Nathan.
Allied Laboratories, Inc., assignee: *See*—
Bockstahler, Earl R.
Faith, Herman E.
Faith, Herman E., and Florestano.
Allied Process Corporation, assignee: *See*—
Lesesne, Sherman D.
Alliger, Glen, Boston Heights, assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Thio-2-furamides. 2,560,035, July 10.
Alliger, Glen, Boston Heights, assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Preparation of thioamides. 2,560,046, July 10.
Allin, George S.: *See*—
Elliott, Burr B., and Allin.
Allis-Chalmers Manufacturing Company, assignee: *See*—
Allen, Robert C.
Altorfer, Hans A.
Beckwith, Sterling.
Bellinger, Thaddeus F.
Bilbe, Charles W.
Chipman, John F.
Cook, Eugene B.
Edwards, Ray C.
Evans, John A.
Fergason, Rector C.
Goodwin, Edwin C.
Griffith, Ben H., Jr.
Grommes, Frank E.
Greisen, Elijah C.
Hansen, Alfred J.
Harrer, Paul H.
Hiles, Earl W., and Ruther.
Jacobi, Louis.
Jansson, Gustav E.
Johnson, William C.
Journeaux, Didier.
Kelle, Arthur C.
Leliter, Chester P.
Lerstrup, Karl.
Neubauer, Emil T. P.
Norelius, Emil F.
Paterson, Ira W., and Chipman.
Reaves, Robert S.
Peek, Henry L.
Peter, Charles R.
Polley, Manford J.
Ray, James L.
Roubal, Alexander J.
Scranton, Charles J., and Elliott.
Sealey, William C.
Serota, Rudolph M.
Shaw, Ernest C.
Shaw, Ernest C., and Jensen.
Sikorra, Daniel J.
Sikorra, Daniel J., and Hotson.
Snyder, Henry W.
Strauss, Orville L.
Taylor, Philip L.
Toth, Michael.
Unverzagt, Paul A.
Vogel, Paul C.
Wilson, Charles D.
Woody, Guy V., and Bilbe.
Wurgler, John.
Allison, Abraham, New York, N. Y. Pharmaceutical means for facilitating the making of suppositories or the like. 2,549,559, Apr. 17.
Allison, Adrian G.: *See*—
Austin, Chester R., and Allison.
Allison, Albert L., Rock Island, Ill. Self-rolling toy. 2,556,569, June 12.
Allison, Kenneth C., Crystal Lake, assignor to Grigsby-Allison Co. Inc., Chicago, Ill. Electric switch construction. 2,549,998, Apr. 24.

Allison, Leslie R., Forest Hills, and H. V. Rudolph, Wilkinsburg, Pa., assignors to Westinghouse Air Brake Company. Vehicle carried inductive receiver. 2,579,288, Dec. 18.
Allison, Lowell M., Belmont, Mass. Fishing reel. 2,551,309. May 1.
Allison Steel Manufacturing Company, assignee: *See*— Allison, William L.
Allison, William L., assignor to Allison Steel Manufacturing Company, Phoenix, Ariz. Punch press. 2,576,328, Nov. 27.
Allison, William M.: *See*— Robinson, Preston, and Allison.
Allmänna Svenska Elektriska Aktiebolaget, assignee: *See*—
Arvidsson, Algot, and Johansson.
Böckman, Marius F. D., and Vörts.
Dahlgren, Fredrik.
Dreyfus, Ludwig, and Eriksson.
Eklund, Torsten.
Fergason, Rector C.
Forssell, Harry.
Forwald, Haakon.
Hansson, Bror O. N.
Hogel, Lennart, Thelemarck, and Lindberg.
Idar, Karl H., and Lindahl.
Krabbe, Ulrik, and Hedström.
Lamm, Uno.
Lamm, Uno, and Arvidsson.
Lamm, Uno, and Böckman.
Landau, Frans, and Norberg.
Petterson, Carl.
Särnö, Bo, and Lindberg.
Schaub, Cyrill.
Stålhane, Bertil.
Uhlmann, Erich, and Hansen.
All-Metal Products Company, assignee: *See*— Gora, John, and Scarbrough.
Allmond, William F., Norfolk, Va. Luggage railing for automotive vehicles. 2,566,303, Sept. 4.
All-Over Manufacturing Co., assignee: *See*— Meltzer, Henry E.
All Star Products, Inc., assignee: *See*— Behringer, Grover F.
Ingle, Donald P., and Reiches.
Olsen, John J.
All-Steel Equipment Inc., assignee: *See*— Abrahamson, Charles M.
All-Styles Hanger Company, Inc., The, assignee: *See*— Colorusso, Louis.
All-Weather Aluminum Awnings, Inc., assignee: *See*— Raibourn, Charles N.
Allyn, Martha, West Haven, Conn. Attachment for hospital beds. 2,536,707, Jan. 2.
Alm, Per F.: *See*— Thunberg, Sigurd F., Alm, and Fredlund.
Alma, Gerrit H. P., Eindhoven, Netherlands, assignor to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Variable mutual conductance amplifier. 2,538,663, Jan. 16.
Almand, Joseph M., Hogansville, Ga., assignor to United States Rubber Company, New York, N. Y. Rosin amine treated natural cellulose fibers. 2,553,396, May 15.
Almeras, Paul, assignor to Ateliers Neyret-Beylier & Piccard-Pictet, Grenoble, France. Regulation of an assembly of electric generating units. 2,560,914, July 17.
Almex, Inc., assignee: *See*— Sundman, Gunnar E.
Almgren, August E., Hillside, N. J., assignor to American Can Company. Machine for opening closure members having crimped flanges. 2,570,186, Oct. 9.
Almgren, August E., Hillside, and J. P. Jakob, Roselle, N. J., assignors to American Can Company, New York, N. Y. Sealing head mechanism for closing and sealing bags and containers. 2,539,389, Jan. 30.
Almgren, August E., Hillside, and J. P. Jakob, Roselle, N. J., assignors to American Can Company, New York, N. Y. Sealing bags. 2,539,390, Jan. 30.
Almorth, Gustav A., Glastonbury, Conn. Fastening means for shoe skates. 2,567,754, Sept. 11.
Almoslino, Hans A., Hollis, N. Y. Portable body-supporting assemblage. 2,558,722, July 3.
Almquist, Mildred L.: *See*— Govett, Thomas, and Almquist.
Almroth, Thomas K., Jr.: *See*— Almroth, Thomas K., and T. K., Jr.
Almroth, Thomas K., and T. K. Almroth, Jr., Van Nuys, Calif. Prefabricating glass block panels. 2,572,580, Oct. 23.
Aloe, A. S., Compnay, assignee: *See*— Mahorner, Howard.
Alonso, Francisco G., Madrid, Spain. Poultry tag. 2,563,572, Aug. 7.
Alonso, Sergio D., Habana, Cuba. Double-action duplex pump. 2,552,703, May 15.
Alpak, assignee: *See*— Crane, Walton B.
Alperin, Louis I., Scranton, Pa. Safety reversible window. 2,572,423, Oct. 23.
Alpers, Myrtle, assignee: *See*— Brown, Florence L.
Alpert, Jacob L., Los Angeles, Calif. Seat spring structure. 2,545,721, Mar. 20.
Alpha Metals, Inc., assignee: *See*— Shonberg, Harold.
Alquist, Francis N.: *See*— Kauer, Kenneth C., Alquist, and Britton.
Alquist, Francis N., and J. L. Wasco, assignors to The Dow Chemical Company, Midland, Mich. Corrosion inhibition of trichloroacetates. 2,554,972, May 29.
Alquist, Francis N., J. L. Wasco, and R. Irons, assignors to The Dow Chemical Company, Midland, Mich. Removing copper-containing incrustations from steam generators. 2,567,835. Sept. 11.
Alquist, Francis N., J. L. Wasco, and K. C. Kauer, assignors to The Dow Chemical Company, Midland, Mich Catalytic conversion of polychlorocychohexanes to polychlorobenzene. 2,569.441, Oct. 2.
Alrose Chemical Company, assignee: *See*— Beer, Leo.
Alschuler, Richard H.: *See*— Falone, Angelo C., and Alschuler.
Alschuler, Rose H., Washington, D. C., and P. C. Curtis, Mount Rainer, Md. Cabinet type play-pen. 2,555,776, June 5.
Alsop, William G., New York, N. Y., assignor to Colgate-Palmolive-Peet Company, Jersey City, N. J. Flotation of hematite. 2,563,447, Aug. 7.
Alspaugh, James S., Portsmouth, Ohio. Transmission. 2,559,922, July 10.
Alspaugh, James S., Portsmouth, Ohio. Transmission. 2,559,923. July 10.
Alston, William L., Charleston, W. Va. L-shaped wall protector. 2,538,743. Jan. 23.
Alsup, Paul L., Berkeley, assignor to F. E. Booth Company, Inc. San Francisco, Calif. Can unscrambler. 2,564,143, Aug. 14.
Alt, Alvin F.: *See*— Binns, Jack N., Dugle, and Alt.
Alt, Alvin F., and J. Decker, assignors to The Cincinnati Milling Machine Co., Cincinnati, Ohio. Grinding machine. 2,537,389, Jan. 9.
Alt, Carl G., assignor to Carrier Corporation, Syracuse, N. Y. Grille for self-contained air-conditioning units. 2,565.836, Aug. 28.
Altar, William: *See*— Gabler, Raymond T., and Altar.
Altar, William, and J. W. Coltman, Pittsburgh, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Oscillator mode suppression. 2,565,112, Aug. 21.
Altec Lansing Corporation, assignee: *See*— Carrington, George L.
Veneklasen, Paul S.
Altemus, James D., New York, N. Y. Retractible luggage carrier. 2,562,686, July 31.
Altenburger, Clarence L., Dearborn, Mich., assignor to National Steel Corporation. Open-hearth process. 2,569,215, Sept. 25.
Altenpohl, William F., Jr., Philadelphia, Pa. Foot operated shears. 2.542,384, Feb. 20.
Alter, Albert R.: *See*— Tellier, Joseph C., and Alter.
Alter, George E., Jr.: *See*— Barker, George E., and Alter.
Alter, Harry, Company, assignee: *See*— Cahenzli, Martin T.
Alter, Winfield S., and H. N. Bancroft, Tulsa, Okla. Golf bag jacket. 2,546,416, Mar. 27.
Alterman, Francis J.: *See*— Ruysdael, Basil, Hadden, Zagor, and Alterman.
Altgelt, Herman E., assignor to Deere & Company, Moline, Ill. Fluid-pressure follow-up control system. 2,546,880, Mar. 27.
Altgelt, Herman E., South Bend, Ind., assignor to The Oliver Corporation. Comb type cotton harvester. 2,544,411, Mar. 6.
Altgelt, Rudolph J.: *See*— Gemberling, Cameron H., and Altgelt.
Altheimer, Ben G., Wauwatosa, assignor to Milprint, Inc., Milwaukee, Wis. Display sign. 2,557,402, June 19.
Althouse, Charles F., San Diego, Calif. High-frequency power measuring device, including a water load. 2,560,536, July 17.
Altman, B., & Co., assignee: *See*— Hahn, Douglas.
Altman, Emanuel, Prague, Czechoslovakia. Electric glass filament furnace. 2,540,415, Feb. 6.
Altman, Jacob A., Los Angeles, Calif. Haircutting apparatus. 2,542,450. Feb. 20.
Altman, Peter, assignor to Continental Motors Corporation, Detroit, Mich. Dehumidifying apparatus. 2,562,405, July 31.
Altman, Peter, assignor to Continental Motors Corporation, Detroit, Mich. Power unit. 2,571,404, Oct. 16.
Altmann, John H., and E. W. Swanson, assignors to Admiral Corporation, Chicago, Ill. Tuning apparatus. 2,536,409, Jan. 2.
Altorfer, Hans A., Wauwatosa, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Atomizing device. 2,536,832, Jan. 2.
Altomare, Edward F.: *See*— Weikart, Warren D., and Altomare.

Alton Box Board Company, assignee: *See*—
Belanger, Albert P. D.
Hollis, Robert F.
Altorfer, Alpheus W., Jr., Peoria, Ill. Sugar dispenser. 2,553,509, May 15.
Altorfer, Alpheus W., Jr., Peoria, Ill. Dasher mechanism for washing machines. 2,575,988, Nov. 20.
Altosino, John A., Chicago, Ill. Mute for musical instruments. 2,571,809, Oct. 16.
Altree, Eric D.: *See*—
Levaur, Bernard D., and Altree.
Altree, Eric D., assignor to Pittsburgh Reflector Company, Pittsburgh, Pa. Quickly detachable mounting means for suspended lighting-fixture accessory. 2,564,046, Aug. 14.
Altschul, Aaron M., and L. E. Castillon, New Orleans, La., assignors to the United States of America as represented by the Secretary of Agriculture. Water-dispersible combination products of gossypol and carbohydrates. 2,563,808, Aug. 14.
Altschul, Aaron M., M. Z. Condon, and M. G. Lambou, New Orleans, La., assignors to the United States of America as represented by the Secretary of Agriculture. Prevention of deterioration in seeds. 2,571,095, Oct. 16.
Altsheler, William B., Louisville, assignor to Joseph E. Seagram & Sons, Inc., Shively, Ky. Pressure control. 2,565,059, Aug. 21.
Altube, Juan M. C., Rosario, Stanta Fe, Argentina. Closure operating means. 2,574,312, Nov. 6.
Altwies, Benjamin M., Fostoria, Ohio. Window with sash
Alty, Raymond L., Alexandria, Va. Pulsing circuit. 2,555,305, June 5.
Aluminum Air Seal Manufacturing Company, assignee: *See*—
Webster, Clifford L.
Aluminum Company of America, assignee: *See*—
Brown, Robert H.
Gantz, Marvin E.
Hileman, James M.
Hoxeng, Raymond B.
Jackson, Reginald.
Kipfer, Max M.
Michel, Mathias.
Miller, Mike A., and Haupin.
O'Neill, Clayton A., Harris, and Guyot.
Schnorf, Armand, Nabholz, and Sguaitamatti.
Templin, Richard L.
Vanden Berg, Russel V.
Wall, James R.
Warren, Mead, Jr.
Whitzel, Raymond T., and King.
Yedlicka, Joseph C.
Aluminum Fabricating Company of Pittsburgh, assignee: *See*—
Gorell, Frank, and Pozzi.
Aluminium Laboratories Limited, assignee: *See*—
Hollum, Arne M., James, and Semple.
Aluminum Products Corporation, assignee: *See*—
Metts, Paul E.
locking spring. 2,575,575, Nov. 20.
Alvarez, Cruz R., assignee: *See*—
Alvarez, Reuben R.
Alvarez, Guillermo D., Habana, Cuba. Plow with rotary stalk cutter. 2,572,298. Oct. 23.
Alvarez, Luis W., Belmont, Mass., assignor, by mesne assignments, to the United States of America as represented by the Secretary of the Navy. Radio beacon and system utilizing it. 2,568,265. Sept. 18.
Alvarez, Luis W., Berkeley, Calif, assignor to the United States of America as represented by the United States Atomic Energy Commission. Linear accelerator. 2,545,595, Mar. 20.
Alvarez, Luis W., and L. H. Johnston, Belmont, Mass., assignors to the United States of America as represented by the Secretary of War. Aircraft control system. 2,555,101, May 29.
Alvarez, Octavio J., assignor, by mesne assignments, of one-fourth to M. De Reitzes-Marienwert, New York, N. Y. Device for creating oscillations. 2,542,271, Feb. 20.
Alvarez, Octavio J., assignor to Alvarez Patent Corporation, New York, N. Y. Hydraulic scale. 2,577,100, Dec. 4.
Alvarez, Octavio J., assignor, by mesne assignments of one-fourth to Maria De Reitzes-Marienwert, New York, N. Y. Electrical connector. 2,580,269, Dec. 25.
Alvarez Patent Corporation, assignee: *See*—
Alvarez, Octavio J.
Alvarez, Reuben R., El Paso, Tex., assignor of one-third to C. R. Alvarez, Mesilla, N. Mex. Automatic hydraulic brake adjuster. 2,551,081, May 1.
Alvino, William J., Massapequa, and J. Bauer, Glendale, N. Y. Device for cutting index tabs in book pages. 2,538,613, Jan. 16.
Alvis Limited, assignee: *See*—
Dunn, William M.
Alvord, Charles C., assignor to Norton Company, Worcester, Mass. Feed, take-up, and stripper mechanism for encapsulating machines. 2,561,900, July 24.
Alvord, Charles C., assignor to Norton Company, Worcester, Mass. Grinding machine. 2,567,589, Sept. 11.
Alvord, Grove D., Indiana, assignor to Syntron Company, Homer City, Pa. Heavy-duty silent vibrator. 2,539,391, Jan. 30.
Alward, Francis, Cambridge, assignor to J. B. Howard, Lynn, Mass., trustee. Internal-combustion engine. 2,537,117, Jan. 9.
Alward, Leroy D., Albany, assignor to The Pelton Water Wheel Company, San Francisco, Calif. Hydraulic pumping jack. 2,566,295, Sept. 4.
Alwood, Samuel F., Waterloo, Ind. Craftsman's guideline holder. 2,544,645, Mar. 13.
Alyea, Harold W., Waukesha, assignor to Johnson Service Company, Milwaukee, Wis. Pressure fluid follow-up motor with pilot pressure control. 2,575,085, Nov. 13.
Amalgamated Electric Corporation, Limited, assignee: *See*—
Langley, Stanley.
Amalgamated Wireless (Australasio) Limited, assignee: *See*—
Christiansen, Wilbur N.
Holloway, Frederick S.
Hood, Ian A. F., and Lumb.
Hopkins, Edward G.
Ambelang, Joseph C.: *See*—
Kitchen, Leland J., and Ambelang.
Ambelang, Joseph C., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Rubbery copolymer of butadiene and styrene plasticized with a furfural monoaryl hydrozone. 2,537,648, Jan. 9.
Ambeault, Joseph X., Ste. Therese de Blainville, assignor, by mesne assignments, to Commonwealth Plywood Company Limited, Ste. Therese, Quebec, Canada. Unreeling and feeder device for sheet wood clippers. 2,572,581, Oct. 23.
Amberg, Charles R., Alfred, and S. F. Walton, Kenmore, assignors to The Exolon Company, Tonawanda, N. Y. Ceramic coatings and applying. 2,544,060, Mar. 6.
Amberg, Stephan W., *See*—
Amberg, Walter E. and S. W.
Amberg, Stephen W., Barrington, Ill., assignor to Lily-Tulip Cup Corporation, New York, N. Y. Apparatus for rimming paper cups. 2,541,905. Feb. 13.
Amberg, Walter E., Beverly Shores, Ind., and S. W. Amberg, Barrington, Ill., assignors to Lily-Tulip Cup Corporation. Dispenser for flanged caps. 2,539,652, Jan. 30.
Amberg, Walter E., Beverly Shores, Ind., assignor, by mesne assignments to Lily-Tulip Cup Corporation, New York, N. Y. Paper dish and holder therefor. 2,543,619, Feb. 27.
Amberg, Walter E., Beverly Shores, Ind., assignor to Lily-Tulip Cup Corporation, Chicago, Ill. Pickup holder for rounded bottom paper cups. 2,552,080, May 8.
Amberg, Walter E., Beverly Shores, Ind., assignor to Lily-Tulip Cup Corporation. Conical paper dish and blank therefor. 2,552,474, May 8.
Amberg, Walter E., Beverly Shores, Ind., assignor, by mesne assignments, to Lily-Tulip Cup Corporation, New York, N. Y. Paper cup and handle therefor. 2,558,287, June 26.
Amberg, Walter E., Beverly Shores, Ind., assignor to Lily-Tulip Cup Corporation, Chicago, Ill. Apparatus for forming rounded bottoms on conically shaped cups. 2,563,632, Aug. 7.
Amberg, Walter E., Beverly Shores, Ind., assignor to Lily-Tulip Cup Corporation. Forming rounded bottom conical paper cups. 2,563,633, Aug. 7.
Amberg, Walter E., Beverly Shores, Ind., assignor to Lily-Tulip Cup Corporation, Chicago, Ill. Paper closure member for paper containers. 2,568,697, Sept. 25.
Amberg, Walter E., Beverly Shores, Ind., assignor to Lily-Tulip Cup Corporation, Chicago, Ill. Apparatus for forming paper closure members for paper containers. 2,568,698. Sept. 25.
Ambler, Franklin M., Allentown, Pa., assignor to Mack Manufacturing Corporation, New York, N. Y. Brake system for vehicles. 2,578,388, Dec. 11.
Ambler, Richard J., Montreal, Quebec, Canada. Loose-leaf filing device. 2,559,556, July 3.
Ambrette, Conrad, Brooklyn, N. Y. Cutoff mechanism for automatic alimentary paste producing apparatus. 2,538,183, Jan. 16.
Ambrette, Conrad, Brooklyn, N. Y. Convertible continuous press for producing long or short alimentary paste products. 2,576,061, Nov. 20.
Ambrose, Dermot M.: *See*—
Chatterhea, Prafulla K., and Ambrose.
Chatterjea, Prafulla K., Scully, Ambrose, and Beney.
Ambrose, Edmund J., and E. F. G. McGill, Maidenhead, assignors to Electric & Musical Industries Limited, Middlesex, England. Sealing cement for vacuum seals. 2,573,380, Oct. 30.
Ambrose, Eugene R., Roselle Park, N. J., and P. Sporn, assignors to American Gas and Electric Company, New York, N. Y. Heat pump system. 2,575,325. Nov. 20.
Ambrose, Paul J., Silver Spring, Md. Marine safety light. 2,578,030, Dec. 11.
Ambrose, Paul M., College Park, Md., assignor to Chicago Development Company, Chicago, Ill. Electrolytic deposition of manganese. Re. 23,332, Jan. 23.
Ambrosino, John, and M. Pascale, Flushing, N. Y. Skirt hanger 2,570,043, Oct. 2.
Amco Development Company, assignee: *See*—
Macdonald, Herbert G.
Amendola, James V., Kenosha, Wis. Scissor sharpener rest for wheel grinders. 2,565,291, Aug. 21.

Amendt, Charles G., Lancaster, Ohio. Scooter. 2,546,711, Mar. 27.
Amer, Myrtle A., Hollywood, Calif. Massaging implement. 2,547,243, Apr. 3.
American Aerovap, Inc., assignee: *See*—
Buehler, Emil.
Christopher, David H., and Spear.
American Agricultural Chemical Company, assignee: *See*—
Evans, Robert D.
American Anode Inc., assignee: *See*—
Hansen, Merrill E.
American Automatic Devices Co., assignee: *See*—
Squire, Nathan E.
American Baler Co., The, assignee: *See*—
Seltzer, Robert E.
American Blower Corporation, assignee: *See*—
Kice, Murray S., Jr.
Polk, Gilbert C.
American Bosch Corporation, assignee: *See*—
Ackerman, Howard A.
Alfaro, Heraclio.
Alfaro, Heraclio, and Wood.
Broderick, John J.
Gewinner, Walter J.
Henschke, William O.
Hogeman, Hans.
Hussey, Russell B.
Meyer, Wolfgang E.
Spier, Hans G.
American Brake Shoe Company, assignee: *See*—
Andersen, Alfred F.
Brayton, Corey C.
Browne, Lindsay H.
Cox, Isaac E.
Dalrymple, William P.
McGowan, Thomas R.
Notvest, Robert W.
Spokes, Ray E.
Wilson, Rosser L.
American Broach & Machine Co., assignee: *See*—
Agan, Leon C.
Lofgren, Charles O.
American Buff Company, assignee: *See*—
Kingsbury, Thomas H.
American Business Systems, assignee: *See*—
Gaynor, Simon.
Schwarzer, Fred.
American Cabinet Hardware Corporation, assignee: *See*—
Borchers, Earl M.
American Can Company, assignee: *See*—
Adamson, Alan E.
Almgren, August E.
Almgren, August E., and Jakob.
Ayres, William H.
Birkland, Stellan.
Blair, Earl R.
Brager, Leif.
Brosene, William G., Jr., and Ablondi.
Brosene, William G., Jr., and Kersten.
Brown, James S., and Melzer.
Brouillard, Robert E., and Giambalvo.
Cadwell, Leonard E.
Carroll, Joseph P.
Chatterton, Robert T.
Day, Harold M., and Bradley.
Dixon, James K., and Miller.
Dutot, Henry E., and Bradley.
Drygulski, John.
Eckman, George E.
Erb, George C.
Gabel, Joseph W., and Buc.
Hardy, William B.
Hebert, Harold C.
Heinle, Carl W.
Heinle, Carl W., and Nordquist.
Hoffman, Ernest.
Hultquist, Martin E.
Huntar, Felix.
Jacobs, Samuel S., and Birkland.
Jakob, John P.
Jones, Lyman L.
Jones, Stanley F. S.
Loveland, Malcolm W.
Magill, Donald G.
Magill, Donald G., and Bigger.
Maher, William W.
Maher, William W., and Bofinger.
Maher, William W., and Peterson.
May, William F., and Nordquist.
Nordquist, Ronald E. J.
Nordquist, Ronald E. J., and Baumann.
Nordquist, Ronald E. J., and Borkmann.
Nordquist, Ronald E. J., and Cox.
Norquist, Ronald E. J., and Foris.
Nordquist, Ronald E. J., and Grupe.
Nordquist, Ronald E. J., and Huntar.
Nordquist, Ronald E. J., and Socke.
Odquist, Harold T., and Nordquist.
Oldham, Wilbur N., and Dudley.
Pechy, William.
Peters, John F.
Peters, John F., and Jones.
Porter, Rotheus B., Jr., and Campbell.
American Can Company, assignee: *See*—Continued.
Pottle, Ralph K.
Preis, Carl G.
Preis, Carl G., and Nordquist.
Stearns, Edwin I., Jr.
Strickler, John C.
Taylor, William E., and Schmidt.
Winters, William P., and Lockwood.
American Car and Foundry Company, assignee: *See*—
Borup, Oscar V.
Bradfield, George K., Jr.
Burnett, William E.
Dietrichson, William F.
Ericson, George R.
Folmsbee, Clyde H.
Kepner, Robert C.
Kuhler, Otto A.
Kuhler, Otto A., and Burnett.
Mikulak, John, Sober, and Sult.
Parsons, George B.
Patton, John W.
Patton, John W., and Cudini.
Patton, John W., and Holland.
Shields, Robert A.
Shields, Robert A., and Kepner.
Shipley, Tolbott G.
Walsh, Robert.
American Celcure Wood Preserving Corporation, assignee: *See*—
Pickren, James H.
American Chain & Cable Company, Inc., assignee: *See*—
Berchtold, Wallace W.
Dart, Charles W.
Grauel, Ernest H.
Kistler, Irwin D.
Peterson, Vincent C. J.
Reyburn, John R.
American Character Doll Company, assignee: *See*—
Beebe, Herbert R.
American Chemical Paint Company, assignee: *See*—
Allen, William W.
Jones, Franklin D.
Snyder, Eugene, and Heller.
Spruance, Frank P., Jr.
American Chicle Company, assignee: *See*—
Heiberger, Philip.
American Cladmetals Company, assignee: *See*—
Kinney, Joseph, Jr.
American Coolair Corporation, assignee: *See*—
Allen, William W.
American Crankshaft Company, assignee: *See*—
Allen, Charles J., Jr.
American Cyanamid Company, assignee: *See*—
Adams, Pierrepont.
Anthes, John A.
Ashley, Kenneth D.
Ashley, Kenneth D., and Innes.
Ashley, Kenneth D., and Mason.
Bacon, Jack C., and Hart.
Barthel, Justus C.
Bernstein, Seymour and Sax.
Bird, John C., and Rochow.
Booth, Robert B., and Morash.
Boothe, James H.
Breiter, Samuel, and Hultquist.
Brookes, Alfred, and Hudson.
Carnes, Joseph J.
Case, Edward N.
Casebolt, George S.
Cassaday, Jack T.
Cassaday, Jack T., and Hoegberg.
Cassell, Robert T., and Kushner.
Clapp, James W., and Roblin.
Cook, Elmer W., Hook, and Kushner.
Cook, Elmer W., Kushner, and Moss.
Cook, Elmer W., and Moss.
Cooper, Hal B. H., and Mensing.
Cosulich, Donna B.
Creely, Joseph W.
Creely, Joseph W., and Cooke.
Cresswell, Arthur.
Cresswell, Arthur, and Johnstone.
Cresswell, Arthur, and Wizon.
Daniel, John H., Jr., Landes, and Pollard.
Dafter, Edwin H., Jr.
Davis, Arnold R., and Sullivan.
Davis, Harold S.
Dawson, William O.
Day, Harold M., and Wrotnowski.
Denton, John J., and Long.
Denton, John J., and Stewart.
Detwiler, Earl B.
Dixon, James K.
Drechsel, Erhart K., and Padbury.
Dudley, James R.
Durant, Walter W.
Durant, Walter W., and Clark.
Edwards, Phyllis.
Erickson, John G.
Fluck, Linton A., Jr.
Fluck, Linton A., Jr., Lynn, and McPhee.
Fluck, Linton A., Jr., Lynn, and Schuman.
Fordemwalt, Frederick.

American Cyanamid Company, assignee: *See*—Continued.
Franklin, Alfred L.
Germann, Richard P.
Gibson, Edward H.
Goldman, Leon.
Grossman, Adrian J.
Ham, Garnet P.
Hill, Alfred G., and Gale.
Hoegberg, Erick I.
Hook, Edwin O., and Moss.
Howard, Kenneth L.
Howell, Edgar A.
Houpt, Alfred G.
Houpt, Alfred G., and Christmann.
Hultquist, Martin E.
Hultquist, Martin E., and Bagienski.
Hultquist, Martin E., and Howard.
Hultquist, Martin E., and Scholz.
Hultquist, Martin E., and SubbaRow.
Hultquist, Martin E., and Wright.
Jayne, David W., Day, and Gieseke.
Jayne, David W., Jr.
Jayne, David W., Jr., and Day.
Kaiser, Donald W.
Kaiser, Donald W., and Church.
Kaiser, Donald W., and Redmon.
Klapproth, William J., Jr.
Kropa, Edward L.
Kropa, Edward L., Craig, and Nyquist.
Kropa, Edward L., and Dunne.
Kropa, Edward L., and Nyquist.
Kropa, Edward L., and Padbury.
Kropa, Edward L., and Roemer.
Lacey, Harold T., and Dombroski.
Landes, Chester G., and Studeny.
Lane, Leslie C.
Lane, Leslie C., Jr., and Hamilton.
Lecher, Hans Z., and Eberhart.
Lento, Louis L., Jr., and Jayne.
Lindenfelser, Richard.
Lindenfelser, Richard, and Patterson.
Lindenfelser, Richard, and Michaud.
Long, Robert S., and Smart.
Loukomsky, Serge A., and Herrick.
Mackay, Johnstone S.
Mackay, Johnstone S., and Bower.
Mackay, Johnstone S., and Lawler.
Mackay, Johnstone S., and Paden.
MacLean, Alexander F.
Marcot, Guy C.
Marcot, Guy C., Cauwenberg, and Lamanna.
Marsh, Nat H.
Marsh, Nat H., and Hamilton.
Marson, Harry W.
Maxwell, Charles S., and Landes.
Mecco, Jerry M.
Medcalf, Eugene C., and Sisco.
Michael, Malden W.
Miller, Alexander A.
Moyer, Samuel P.
Morral, Facundo R.
Mowat, John H., and Waller.
Munro, Wendell P.
Nagy, Daniel E.
Nyquist, Arthur S.
Padbury, John J., and Tarrant.
Paden, Joseph H., and Mackay.
Paden, Joseph H., and MacLean.
Park, Robert H.
Parker, Charles H., Jr.
Parker, Robert P., and Hofmann.
Parker, Robert P., Waitkins, and Adams.
Parker, Robert P., and Webb.
Patterson, Donald G., and Turner.
Phelps, Richard L., and Salsbury.
Pollard, John D.
Porter, Rotheus B., Jr.
Post, Earl E., and Oldham.
Roth, Barbara.
Royer, George L., and Amick.
Sawyer, Edna L., and Marr.
Sayre, Ralph E.
Scalera, Mario, and Eberhart.
Scalera, Mario, and Forster.
Schaefer, Frederic C.
Schaefer, Frederic C., and Church.
Schneider, William C., and Padbury.
Seeger, Doris R.
Seeger, Doris R., and Cosulich.
Semb, Joseph.
Sieger, George M., Jr.
Simons, William G., and Dafter.
Smith, James M., Jr., and Roth.
Spencer, Frank R.
Stirn, Frank E., and Taylor.
Studeny, John.
Studeny, John, Pollard, and Landes.
Suen, Tzeng-Jiueq.
Suen, Tzeng-Jiueq, and Daniel.
Suen, Tzeng J., and Schiller.
Thomas, Walter M.
Thomas, Walter M., and Kropa.
Thurston, Jack T., and Oldham.

American Cyanamid Company, assignee: *See*—Continued.
Thurston, Jack T., and Warner.
Upham, Sidney D., and Reed.
Varela, Andrew A., and Schupp.
Vartanian, Richard D.
Vitalis, Emil A.
Vriens, Gerard N., Sisco, and Medcalf.
Waletzky, Emanuel.
Waller, Coy W., and Angier.
Waller, Coy W., and Paterson.
West, Herbert J.
West, Herbert J., and Enterline.
Wilson, Lucius H., Landes, and Maxwell.
Wizon, Irvin.
Wohnsiedler, Henry P., and Blais.
Wohnsiedler, Henry P., and Sloatman.
Wohnsiedler, Henry P., and Thomas.
Wright, William B., Jr., and Smith.
Wooding, William M.

American Cystoscope Makers, Inc., assignee: *See*—
Held, Joseph E.
Wallace, Frederick J.

American Dairies Incorporated, assignee: *See*—
Turner, Charles W.
Turner, Charles W., and Reineke.

American Dishwasher Corporation, assignee: *See*—
La Raus, Julius, and Wollin.

American Display Company, The, assignee: *See*—
Dunkelberger, Milton S.

American Displays, Inc., assignee: *See*—
Thuernau, Henry A.

American District Telegraph Company, assignee: *See*—
Evans, Francis C.

American Duplex Company, assignee: *See*—
Schuhmann, Richard L.

American Electric Furnace Inc., assignee: *See*—
Warren, Gilman G.

American Electrical Heater Company, assignee: *See*—
Kuhn, Frank, and Thomas.

American Electro Metal Corporation, assignee: *See*—
Stern, George.

American Engineering Company, assignee: *See*—
Beck, June E.
Bennett, Joseph B.
Bennett, Joseph S., and Thorson.

American Enka Corporation, assignee: *See*—
Bakker, Willem.
Bakker, Willem, and Blomberg.
Barceló, Daniel R., and Maso.
Beeftink, Petrus A.
Breazeale, Francis B.
Brownell, Dean H.
De Klerk, Bastiaan G.
Gonsalves, Conrad J.
Griset, Ernest J., Jr.
Keith, James F., and Smith.
Koch, Theodoor.
Koch, Theodoor, and Benninga.
Levison, Robert, and Blomberg.
Maaskant, Leendert.
Markwood, Paul W., and Moore.
Moritz, Adrian J. L.
Thurmond, Gilbert I.
Van Dijk, Pieter.
Van Dobbenburgh, Willem J. D.
Van Hall, Floris A. J., and Barcelo.
Whisnant, John K.

American Fastener Company, The, assignee: *See*—
Kiessling, Max.

American Felt Company, assignee: *See*—
Chagnon, Zephir J.
Lehmberg, William H.

American Finishing Company, assignee: *See*—
Goodman, Abe, Jr.

American Floor Surfacing Machine Company, The, assignee: *See*—
Dolan, Francis D.

American Forging and Socket Company, assignee: *See*—
McCarthy, Charles S.
Peterson, Raymond R.

American Gage & Machine Company, assignee: *See*—
Simpson, Ray, and Bernreuter.

American Gas and Electric Company, assignee: *See*—
Ambrose, Eugene R., and Sporn.

American Gas Furnace Company, assignee: *See*—
Osterman, Philip C.

American Gas Machine Company, assignee: *See*—
Stempel, Edward H., and Rasmussen.

American Greeting Publishers, Inc., assignee: *See*—
Herr, Theodore Z.

American Hair & Felt Company, assignee: *See*—
McKay, Neil S., Clements, and Hicks.

American Hard Rubber Company, assignee: *See*—
Wade, Robert S.

American Hardware Corporation, The, assignee: *See*—
Berg, Frederick.
Dyson, Louis M., and Root.
McConnell, Frank.

American Hatters and Furriers Company, Incorporated, assignee: *See*—
Harvey, Adelbert W., and Deardorff.

American Hoist & Derrick Co., assignee: *See*—
Gray, Donald C.
Ljungkull, Rolf E.

American Home Foods, Inc., assignee: *See*—
Hinz, Henry C., Jr., Schermerhorn, and Dorn.
Kipnis, Frank.
Kipnis, Frank, and Ornfelt.
American Home Products Corporation, assignee: *See*—
Kern, Charles J., and Del Vecchio.
Osborne, Bruce, and Hanneman.
Whiting, John A.
American Hydraulics, Inc., assignee: *See*—
Schallock, Arthur E.
American Instrument Co., Inc., assignee: *See*—
Ohlheiser, Carlton E.
American Iron and Machine Works Company, assignee: *See*—
McCool, Marcus G.
American-La France-Foamite Corporation, assignee: *See*—
Hicks, Reginald.
Lindsay, Charles H.
Smith, Cecil H.
Wolcott, Samuel K., Jr.
American Lava Corporation, asssignee: *See*—
Klett, Fred F.
American Laundry Machinery Company, The, assignee: *See*—
Howland, Frederick W.
Johnson, George W.
Johnson, Theodore F.
Malott, Clifton S., Jr.
McLagan, Russell G.
Neckel, Edmund N.
Shaw, Julian C.
American Lecithin Company, Inc., assignee: *See*—
Pollak, Frederick F.
American Linen Supply Co., assignee: *See*—
Jespersen, Paul W.
Steiner, Frank G., and Birr.
American Locomotive Company, assignee: *See*—
Abell, Roy F.
Farkas, George B.
Fischer, William L.
Nichols, William M.
American Loose Leaf Corporation, assignee: *See*—
Guinane, James P., and Barbieri.
American Machine & Foundry Company, assignee: *See*—
Allen, Howard G.
Allen, Howard G., and Gampp.
Allen, Howard G., Sims, and Ebert.
Bockius, Christopher.
Broekhuysen, William C.
Day, Joseph M.
Dearsley, George.
Frye, Sanders A.
Jensen, Thormod, and Drury.
Johnson, Carl W.
Jurgensen, Delbert E., Jr., and Hungerford.
McGinley, James J., and Di Paola.
Patterson, Morehead.
Pedersen, Mathias.
Rundell, Rupert E.
Schmidt, Gottfried J.
Sowa, Frank J.
Warren, James W.
American Machine and Metals, Inc., assignee: *See*—
Buss, Benjamin A.
Comins, Harrison D.
Fischer, Otto.
Harland, Philip W.
Harp, Alonzo M.
Johnson, Leon D.
Koepcke, Harry E.
Le Van, Ambrose E.
Strohm, Charles.
American Machinery Corporation, assignee: *See*—
Leonard, David E.
Parnell, James L.
Schunck, Joseph J.
Smith, George M.
American Manufacturing Company, Inc., assignee: *See*—
Carlson, Arthur C.
American-Marietta Company, Adhesive, Resin and Chemical Division, assignee: *See*—
Keaton, Clark M., and Redfern.
Preusser, Henry M.
Redfern, Donald V.
American Metal Company, Limited, The, assignee: *See*—
Kalbach, John C.
Schleicher, Henry M.
American Metal Products Company, assignee: *See*—
Flint, Hyland C.
American Metallurgical Products Company, assignee: *See*—
Bolkcom, Wilbur T.
American Molded Products Co., assignee: *See*—
Caestecker, Charles E.
Hultgren, Arnold P.
American Muffler Co., assignee: *See*—
Moore, Harvey G.
American National Bank and Trust Company of Chicago, assignee, trustee: *See*—
Harrison, Meyer, and Korman.
American Oak Leather Company, The, assignee: *See*—
McMath, Marl, Henning, and Sims.
American Optical Company, assignee: *See*—
Aitcheson, Thomas G.
Bennett, Alva H.
Bernheim, Daniel P., and Gunning.
Conley, Thomas A.
Eves, Joseph R.
Gagnon, Louis L.
Gilden, Maurice T.
Gradisar, Albin A.
Harper, Kennard W.
Jardon, Fritz W.
Lowber, David D., and Guellich.
Lowber, David D., and Wolford.
Luneburg, Rudolf K.
Mahler, Joseph.
Meyer, Edgar J.
Moulton, Harold R.
Noelle, Conrad J.
Osterberg, Harold, and Jupnik.
Pincus, Alexis G.
Pride, Gilbert E., Osterberg, and Jupnik.
Reardon, Joseph D.
Ritterbusch, Harry F., and Langevin.
Splaine, Edward M.
Splaine, Edward M., and Grosvenor.
Styll, Harry H.
Thorburn, Milton R.
Tillyer, Edgar D.
American Pad & Textile Company, The, assignee: *See*—
Miller, Harold E.
Shaw, Mel J.
American Paper Co,, Inc., assignee: *See*—
Grigsby, William M.
American Phenolic Corporation, assignee: *See*—
Adams, Charles J., and Proctor.
Benton, Harold Z., and Over.
Krueger, Ringland M.
Quackenbush, Edward C.
American Pipe Cleaner Co.: *See*—
Gould, Charles T.
American Pipe and Construction Co., assignee: *See*—
Whiting, William A.
American Potash & Chemical Corporation, assignee: *See*—
Waterman, Herbert.
American Pulley Company, The, assignee: *See*—
Williams, William A.
American Radiator & Standard Sanitary Corporation, assignee: *See*—
McMurtrie, Gilbert.
American Reenforced Paper Company, assignee: *See*—
Boulware, James E.
American Relay-Welder Company, assignee: *See*—
Skytte, Ernst.
American Research Associates, Inc., assignee: *See*—
Allen, Charles H., Jr.
American Rice Growers Cooperative Association, assignee: *See*—
Burns, Harriet L., and Cassidy.
American Safety Table Co., Inc., assignee: *See*—
Voigt, Max T.
American Screw Company, assignee: *See*—
Williams, Charles R.
American Seal-Kap Corporation of Delaware, assignee: *See*—
Allen, Kenneth R., and Vore.
Mackin, Daniel A., and Goodwin.
Vantlander, Edward.
Vore, Herbert G.
American Seating Company, assignee: *See*—
Hoven, Alfred C.
Hoven, Alfred C. and Bond.
Hoven, Alfred C., and Nordmark.
Hoven, Alfred C., and Oom.
Morgan, Erving B., and Clay.
Nordmark, Walter E.
Oom, Benjamin J., Tinklepaugh and Westen.
American Securit Company, assignee: *See*—
Schrader, Jean L.
American Smelting and Refining Company, assignee: *See*—
Yeck, Robert P., and Lebedeff.
American Steel Foundries, assignee: *See*—
Bachman, Fred E.
Baselt, Walter H.
Cannon, Earl.
Cannon, Earl, and Heater.
Cizek, Frank G.
Cottrell, Robert B.
Flesch, Norman.
Gothberg, Lawrence.
Kayler, Frank H.
Keysor, Harold C.
Lehrman, Leo A.
Moline, Carl R.
O'Hern, Maurice D.
Pritchard, Donald J.
Quinn, Frank P.
Schiegel, Walter L., Jr.
Sedgwick, Robert K.
Tack, Carl E.
Tack, Carl E., and Bachman.

American Steel Foundries, assignee: *See*—Continued.
Tack, Carl E., and Helsten.
Vincent, Le Roy J.
Wallis, Harold.
Whitney, Loren L.
American Steel and Wire Company of New Jersey, The, assignee: *See*—
Bairstow, Paul J., and Tarby.
Barnes, Fred H., Kay, and Oakes.
Bletso, Bruce N.
Boak, Willis E.
Brickman, Alan E.
Campbell, Charles H., Griffiths, and Cramer.
Carleton, Dana B., and Simcoe.
Greene, Nathanael B., and Lloyd.
Hansen, Harry J., and Robbins.
Harris, Arch W.
Henry, William M.
Johnson, Harry O., and O'Hare.
Maracz, William A.
Moody, Keith H.
Peirce, Walter T.
Quetsch, John G., Jr., and Weir.
Riddle, Harvey W.
Whittaker, James E.
American Stove Company, assignee: *See*—
Brodbeck, Almer H.
American Sugar Refining Company, The, assignee: *See*—
Pomeroy, Theodore M., Jr., and Graves.
American Sundries Company, Inc., assignee: *See*—
Duberstein, Samuel.
American Telephone and Telegraph Company, assignee: *See*—
Armstrong, Frank C., Lauterbach, Lillvik, and Popper.
Benner, Archie C., and Guest.
Desnoes, Arnold B.
Eggensperger, Arlo R.
Fay, Frank H.
Gilbo, De Motte W.
Martin Wade B.
Neiswinter, James T.
Woodward, William R.
American Thermo-Tech Corporation, assignee: *See*—
Fodor, Antal.
American Time Corporation, assignee: *See*—
Duvall, Gordon F.
American Tire Machinery, Inc., assignee: *See*—
Collins, James E., and Douglas.
Hovlid, Norman G., and Breakey.
American Tobacco Company, The, assignee: *See*—
Dalton, John T.
Stoever, Henry V. H., Jr.
American Tool & Machine Co., assignee: *See*—
Tholl, John E.
American Tool Works Company, The, assignee: *See*—
Hoelscher, William G.
American Totalisator Company, Inc., assignee: *See*—
Johnston, Arthur J.
Klein, Michael R.
American Tube Products, Incorporated, assignee: *See*—
Kirk, Chester H., Jr.
American Type Founders, Incorporated, assignee: *See*—
Sussin, Victor.
American Viscose Corporation, assignee: *See*—
Allewelt, Arthur L.
Baker, Ralph B.
Bauer, Ernest K.
Bauer, Ernest K., and Newton.
Birsch, Edwin T.
Buchanan, Charles S. W.
Calhoun, John A., Jr.
Calhoun, John A., Jr., and Wedler.
Castellan, Carl A.
Chaney, David W.
Coleman, James W., Hall, Merion, Moss, and Pedlow.
Coleman, Melvin B., Sr.
Conti, John D.
Cornwell, Ralph T. K.
Cox, Charles W.
Craver, Augustus E.
Cruz, Mamerto M., Jr.
Dalton, Masten R.
Davidson, Hobart O.
Dougherty, Samuel R.
Francis, Carleton S., Jr.
Franklin, John J.
Furness, William H.
Garden, Henry B., and McDermott.
Garrett, Paul E.
Gollong, Richard J.
Haley, Hugh D.
Hall, James W., Holligan, and Morehead.
Hanse, William C.
Heffelfinger, Robert D.
Helle, Robert H.
Hoxie, Howard M.
Johnson, Thomas H., and Thompson.
Kennedy, Edgar S.
Kulp, Maurice P.
Kulp, Maurice P., and Sisson.
Kulp, Maurice P., and Vandenburgh.
Little, John W., and Francis.
Ljunggren, Thor H.
American Viscose Corporation, assignee: *See*—Continued.
Lodge, Alvin.
Lytton, Marion R.
MacHenry, Richard.
McDermott, Henry J.
McDermott, Henry J., and Pedlow.
Nelson, Seddon C.
Pearson, Frank G.
Reichel, Frank H., and Harder.
Roberts, Ingham S.
Shaffer, Boyd F., and Sprute.
Sisson, Wayne A., and Cruz.
Stanley, Richard W.
Stanley, Richard W., and Lowe.
Thompson, Donald C.
Truitt, Joseph A.
Webb, Wesley L.
Wedler, Frederick C.
Welton, Norman S.
Woodruff, Jackson A.
American Transformer Co., assignee: *See*—
Castenschiold, René.
American Vitos Company, Inc., assignee: *See*—
Vitoux, Marcel.
American Welding & Manufacturing Company, The, assignee: *See*—
Gaver, Raymond H.
Wildman, Verne.
American Well Works, The, assignee: *See*—
Walker, James D.
American Wheelabrator & Equipment Corporation, assignee: *See*—
Pfaff, Otto A.
Turnbull, David C.
Amerman, Jack A.: *See*—
Ashton, Albert A., and Amerman.
Amero, John V., Rochester, N. H. Submarine carried cartridge ejector. 2,546,961, Apr. 3.
Amery, Arthur H., Willaston, Wirral, assignor to J. Bebby & Sons Limited, Liverpool, England. Crushing machine. 2,567,045, Sept. 4.
Ames, Adelbert, Jr., Hanover, N. H. Viewing apparatus for stereoscopic representation of pictures. 2,542,789, Feb. 20.
Ames, B. C., Co., assignee: *See*—
Ames, Warren.
Ames, Butler, Boston, Mass. Electric room heater. 2,555,668, June 5.
Ames, Butler, Boston, assignor to The Walkabout Company, Lowell, Mass. Portable support for invalids. 2,560,062, July 10.
Ames, Howard R., Lomita, Calif. Container capping machine. 2,578,772, Dec. 18.
Ames, Robert G., assignor of one-half to G. W. Williams and one-fourth to S. Ames, Burlingame, Calif. Finishing tool. 2,571,096, Oct. 16.
Ames Spot Welder Co., Inc., assignee: *See*—
Stoudt, Bernard.
Ames, Stanley, assignee: *See*—
Ames, Robert G.
Ames, Warren, Newton, assignor to B. C. Ames Co., Waltham, Mass. Opposed contact distance measure. 2,553,397, May 15.
Ames, Warren, Newton, assignor to B. C. Ames Co., Waltham, Mass. Thickness gauge for compressible material. 2,559,912, July 10.
Ames, Warren, Newton, assignor to B. C. Ames Co., Waltham, Mass. Gauge. 2,574,723, Nov. 13.
Ames, William L., Baltimore, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Apparatus for manufacturing retractile cords. 2,565,465, Aug. 28.
Ames, William L., Middle River, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Apparatus for making retractile cordage continuously. 2,547,356, Apr. 3.
Amesbury, Robert R., Wellesley, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Friction nut. 2,560,518, July 10.
Amesz, Wilhelm G., Eindhoven, Netherlands, assignor to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Apparatus to control the gain of a signal amplifying system. 2,540,313, Feb. 6.
Amey, Earl B.: *See*—
Sipkin, George, and Amey.
Amfitheatrof, Daniele, Pacific Palisades, Calif. Sound gatherer. 2,537,201, Jan. 9.
Amick, Chester A.: *See*—
Royer, George L., and Amick.
Amick, Erwin H., Jr., Linden, N. J., assignor to Standard Oil Development Company. Distillation of secondary butyl acetate from secondary butyl alcohol and water. 2,548,460, Apr. 10.
Amick, Erwin H., Jr., Linden, N. J., assignor to Standard Oil Development Company. Ether purification by distillation and adsorption. 2,556,248, June 12.
Amico, Salvatore F., East Boston, assignor to Sylvania Electric Products Inc., Salem, Mass. Germanium crystals. 2,565,338, Aug. 21.
Amidon, Charles H., and I. E. Peterson, assignors to Norton Company, Worcester, Mass. Labeling machine. 2,544,627, Mar. 6.

Amity Leather Products Co., assignee: *See*—
Reis, John P.
Ammann, Alphons: *See*—
Schenker, Fritz A., and Ammann.
Ammerall, Albert J.: *See*—
Underwood, Garfield J., and Ammerall.
Ammerman, Cecil L., Minneapolis, Minn. Ventilator. 2,571,513, Oct. 16.
Ammon, Charles D., assignor to Cushman Motor Works, Inc., Lincoln, Nebr. Variable ratio drive mechanism. 2,556,512, June 12.
Ammon, Edward R., Reading, Pa. Ticket holder for stocking supporting trays. 2,564,293, Aug. 14.
Ammon, Millard G.: *See*—
McIntyre, Glenn H., and Ammon.
Amore, Leo J., assignor to Philco Corporation, Philadelphia, Pa. Refrigerator cabinet construction. 2,549,879, Apr. 24.
Amos, Bernard, North Arlington, assignor to Allen B. du Mont Laboratories, Inc., Passaic, N. J. Frequency modulation ratio detector. 2,572,424, Oct. 23.
Amos, Francis M., Wheeling, W. Va. Ball-bearing mounting. 2,549,154, Apr. 17.
Amos, James L., assignor to The Dow Chemical Company, Midland, Mich. Composite bodies of insoluble copolymers and making same. 2,537,951, Jan. 16.
Amos, James L., assignor to The Dow Chemical Company, Midland, Mich. Making cellular thermoplastic products. 2,576,911, Dec. 4.
Ampco Metal, Inc., assignee: *See*—
Klement, John F.
Ampex Electric Corporation, assignee: *See*—
Lindsay, Harold W.
Stolaroff, Myron J.
Amphlett, Theodore, Los Angeles, Calif., assignor to A. G. Spalding & Bros. Inc., Chicopee, Mass. Shuttlecock. 2,538,348, Jan. 16.
Ampro Corporation, assignee: *See*—
Bradford, Arthur J.
Bradford, Arthur J., and Burnham.
Bradford, Arthur J., and Ress.
Ireland, Richard P.
Morgan, Thomas J.
Ams, Max, Machine Company, The, assignee: *See*—
Diezel, Willy H.
Amsco Packaging Machinery Inc., assignee: *See*—
Messmer, Edwin E., and Sylvester.
Amsler Morton Corporation, assignee: *See*—
Graham, Frank H., and Smith.
Amsler, Robert, Zug, Switzerland, assignor to Landis & Gyr, A. G. Electrical regulator and controller. 2,563,905, Aug. 14.
Amsler, Robert, Zug, Switzerland, assignor to Landis & Gyr A. G. Temperature responsive system. 2,567,755, Sept. 11.
Amsler, Robert, Zug, Switzerland, assignor to Landis & Gyr A. G. Temperature responsive system. 2,567,756, Sept. 11.
Amstutz, Forrest C.: *See*—
Strosacker, Charles J., and Amstutz.
Amuchastegui, Alfredo, Buenos Aires, Argentina. Electric iron. 2,574,856, Nov. 13.
Amundsen, Hans R., Oak Park, Ill. Friction brake and clutch. 2,541,978, Feb. 20.
Amundsen, Hans R., Oak Park, Ill. Friction brake and clutch. 2,541,979, Feb. 20.
Amundsen, Hyrum J., Jr., Bakersfield, Calif. Produce humidor. 2,565,795, Aug. 28.
Amundsen, Paul, assignor, by mesne assignments, to Parker Rust Proof Company, Detroit, Mich. Process and compositions for applying phosphate coatings. 2,540,314, Feb. 6.
Amundsen, Paul, Detroit, Mich., and J. A. Henricks, Lakewood, Ohio, assignors, by mesne assignments, to Parker Rust Proof Company, Detroit, Mich. Producing adherent coatings on stainless steel to facilitate drawing operations. 2,550,660, May 1.
Amundson, Alfred R., Superior, Wis. Arched turn button. 2,551,408, May 1.
Amundson, Roald H., and H. V. Dryer, Milwaukee, Wis., assignors to McGraw Electric Company. Arc extinguishing material. 2,545,596, Mar. 20.
Amundson, William D., Northfield, Minn. Anchor support and rope guide. 2,554,804, May 29.
Anaconda Copper Mining Company, assignee: *See*—
Emanuel, Walter A., Sweeney, and Weis.
Graham, Thomas K.
Kurtz, Julius, and Paetsch.
Anaconda Wire and Cable Company, assignee: *See*—
Bunish, Stephen, and Witthoft.
Olson, Emil H.
Olson, John W.
Saums, Harry L.
Saums, Harry L., Vail, and Sturgis.
Snyder, Clermont J.
Sturgis, Howard W., and Olson.
Witthoft, Herbert C.
Anania, James A., Newark, assignor of one-half to C. P. Policastro, North Arlington, N. J. Wire tension control unit. 2,568,182, Sept. 18.
Ancet, Victor M. J., Lyon, France, assignor, by mesne assignments, to Regina S. A., Tangiers, Morocco. Device for tightening the weft in circular looms. 2,539,984, Jan. 30.
Anchor Brake Corporation, assignee: *See*—
Stocker, Alfred E.
Anchor Chemical Company Limited, The, assignee: *See*—
Roberts, Kenneth C.
Anchor Hocking Glass Corporation, assignee: *See*—
Hansen, Robert C.
Locke, Jewell G.
Smith, Opal, and Dudley.
Stover, Harry E.
Anchor Manufacturing Company, assignee: *See*—
Johansson, Ernest G.
Anchor Steel & Conveyor Company, assignee: *See*—
Melmer, Eric O.
Anciens Etablissements Barbier, Benard & Turenne, assignee: *See*—
Benard, Jacques A. V.
Ancona, Edward P., Jr., Sun Valley, Calif., assignor to Radio Corporation of America. Peak reading measuring system. 2,574,682, Nov. 13.
Ancrum, Robert W., Stockton-on-Tees, England, assignor to National Lead Company, New York, N. Y. Manufacture of titanium pigments. 2,576,434, Nov. 27.
Anderau, Walter, assignor to Ciba Limited, Basel, Switzerland. Trisazo dyestuffs. 2,576,768, Nov. 27.
Anderegg, Edward W., West De Pere, Wis. Holder for selectively suspending a hammock. 2,569,596, Oct. 2.
Anderegg, Hermann, Malakoff, assignor to La Cellophane, Paris, France. Drafting instrument. 2,551,082, May 1.
Anderkin, Arthur, Georgetown, Ohio. Developing rack. 2,547,245, Apr. 3.
Anders, Roy, Center Township, Marshall County, Ind. Mason's line holder. 2,559,697, July 10.
Andersag, Hans, Wuppertal-Elberfeld, and H. Mauss, Wuppertal-Barmen, Germany, assignors to Schenley Industries, Inc., New York, N. Y. 2-amino-4-methyl pyrimidines and preparing same. 2,570,087, Oct. 2.
Andersen, Alfred F., Danbury, Conn., assignor to American Brake Shoe Company, New York, N. Y. Switch stand. 2,575,037, Nov. 13.
Andersen, Anders K. K., Stenstrup, Denmark. Beet topping machine. 2,555,389, June 5.
Andersen, Anders K. K., Stenstrup, and T. Rosenstand, Korinth, Denmark. Beet harvesting machine. 2,537,118, Jan. 9.
Andersen, Ariel A., Albany, Calif., assignor to the United States of America as represented by the Secretary of Agriculture. Defrosting indicator. 2,560,537, July 17.
Andersen, Arthur H.: *See*—
Gibbs, John H., Andersen, and Abbott.
Andersen, Arthur J.: *See*—
Alciati, Charles J., and Andersen.
Andersen, Carl A.: *See*—
Dokken, Jörgen N., Wigeland, and Andersen.
Andersen, Chris S., Bell, Calif. Electrodynamic telephone receiver. 2,537,253, Jan. 9.
Andersen, Clifford, assignor to The Rudolph Wurlitzer Company, De Kalb, Ill. Electronic piano tuning. 2,538,184, Jan. 16.
Andersen, Elmer E., assignor of ten per cent to D. E. Anderson and five per cent to D. F. Clifford, Denver, Colo. Clothesline and supporting means therefor. 2,558,410, June 26.
Andersen, Hans, Detroit, Mich. Handling device. 2,552,758, May 15.
Andersen, Hans, Detroit, Mich. Rope sling. 2,569,912, Oct. 2.
Andersen, Hother H., New York, N. Y., assignor to Atlantic Development Company, Inc., Springfield, Mass. Boiler. 2,546,082, Mar. 20.
Andersen, Jay A., assignee: *See*—
Putnam, Robert B.
Andersen, Joakim U. F., Copenhagen, Denmark, assignor to F. L. Smidth & Co., New York, N. Y. Roto-vibrator. 2,574,082, Nov. 6.
Andersen, Johan M. and O. T., Hopkinton, and H. M. Langdon, Framingham, Mass. Temperature controlled latch. 2,540,082, Feb. 6.
Andersen, Niels Y.: *See*—
Wolters, Carl F., and Andersen.
Andersen, Niels Y., Snyder, assignor to Remington Rand Inc., Buffalo, N. Y. Magnifying index tab. 2,545,014, Mar. 13.
Andersen, Olav T.: *See*—
Andersen, Johan M. and O. T., and Langdon.
Andersen, Robert P., Philadelphia, Pa., assignor to Empire water protector. 2,554,167, May 22.
Andersen, Tengel, Port Richmond, N. Y. Tractor mounted shovel and front end loader. 2,537,010, Jan. 9.
Anderson, Alva E., Mountainside, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Cathode ray device. 2,540,835, Feb. 6.
Anderson, Alva E., Chatham, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron discharge apparatus. 2,567,359, Sept. 11.
Anderson, Alvin E.: *See*—
Solomon, Nathan L., Anderson, and Feyrer.
Solomon, Nathan L., Feyrer, and Anderson.
Anderson, Ann, assignee: *See*—
Anderson, Edgar V.

Anderson, Arnold T.: *See*—
Burnham, Robert R., Anderson, and Matheson.
Anderson, Arthur C., Wildwood, N. J. Deck pump. 2,547,431, Apr. 3.
Anderson, Arthur W., North Arlington, and S. C. Overbaugh, Arlington, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Chlorinated ethylene polymer stabilized with glycidyl esters of fatty acids and methyl glucamine. 2,541,492, Feb. 13.
Anderson, Attell B., East Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Stabilized amplifier. 2,547,107, Apr. 3.
Anderson, Axel, assignor to Sundstrand Magnetic Products Co., Rockford, Ill. Magnetic chuck. 2,561,769, July 24.
Anderson, Axel, assignor to Sundstrand Magnetic Products Co., Rockford, Ill. Magnetic chuck. 2,561,770, July 24.
Anderson, Axel W., and R. Cover, assignors to The United Company, Westminster, Md. Can shaking device. 2,542,451, Feb. 20.
Anderson, Beatrice E., Minneapolis, Minn. Infant's panty. 2,555,434, June 5.
Anderson, Benjamin T., Stratford, and W. A. Welch, New Haven, assignors to United Aircraft Corporation, East Hartford, Conn. Flap mechanism. 2,579,534, Dec. 25.
Anderson Blow-Pipe and Manufacturing Company, assignee: *See*—
Anderson, Charles V.
Anderson Brass Company, assignee: *See*—
Conant, Neil R.
Anderson, Carl A., Cranston, and O. V. Anderson, Cowesett, R. I., assignors to Anderson Tool & Die Works, Inc. Selective letter ornamentation for jewelry. 2,542,452, Feb. 20.
Anderson, Carl E., Barberton, Ohio. Door latch. 2,547,108, Apr. 3.
Anderson, Carl E., Chicago, assignor to Callen Manufacturing Corporation, Maywood, Ill. Automatic cap pistol. 2,569,913, Oct. 2.
Anderson, Carl G., Rockford, Ill. Dispenser for sheet material. 2,541,144, Feb. 13.
Anderson, Carl H., assignor to Lumbermen's Mutual Casualty Company, Chicago, Ill. Manifold arrangement. 2,554,550, May 29.
Anderson, Carl M., Chicago, R. A. Harris, Oak Park, and C. C. Patton, Chicago, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y. Determining the oxygen content of copper. 2,548,187, Apr. 10.
Anderson, Carl P.: *See*—
Lunt, Alden P., Norton, and Anderson.
Anderson, Carl R., Chicago, Ill. Artificial bait. 2,567,310, Sept. 11.
Anderson, Carlos E., assignor to Kensington Steel Company, Chicago, Ill. Tip and shank for hammer mills. 2,566,758, Sept. 4.
Anderson, Charles H., Jr., Peters Township, Washington County, Pa. Rolling ball tachometer. 2,551,717, May 8.
Anderson, Charles S., West Orange, N. J., assignor to Crown Fastener Corporation, Warren, R. I. Double-acting slider. 2,542,453, Feb. 20.
Anderson, Charles V., Seattle, Wash., assignor to Anderson Blow-Pipe and Manufacturing Company. Apparatus for removing wood waste. 2,574,161, Nov. 6.
Anderson, Chester R., Erie, Pa. Cord reel. 2,565,339, Aug. 21.
Anderson, Clarence E., Jr., Washington, D. C. Chimed mallet. 2,559,384, July 3.
Anderson, Clayton W., East Huntingdon Township, assignor to K. S. Anderson, Scottdale, Pa. Plug valve actuator. 2,580,212, Dec. 25.
Anderson Company, The, assignee: *See*—
Crews, Clarence M.
Anderson Die Casting & Engineering Corporation, assignee: *See*—
Bennett, James C.
Anderson, Donald E., assignee: *See*—
Andersen, Elmer E.
Anderson, Donald G., Columbus, Ohio. Combination child's toilet seat and carrying bag. 2,537,504, Jan. 9.
Anderson, Duane F., Schenectady, N. Y., assignor to General Electric Company. Torque applying means for rotating gimbal type gyroscopes. 2,552,132, May 8.
Anderson, Earl E., Milwaukee, Wis. Brush holder. 2,566,650, Sept. 4.
Anderson, Earl I., Manhasset, N. Y., assignor to Radio Corporation of America. Sweep circuits. 2,552,303, May 8.
Anderson, Earl I., Manhassett, N. Y., assignor to Radio Corporation of America. Frequency modulation-amplitude modulation receiver circuits. 2,561,087, July 17.
Anderson, Earl I., Manhasset, N. Y., assignor to Radio Corporation of America. Combined amplitude and frequency modulation detectors. 2,561,088, July 17.
Anderson, Earl I., Manhasset, N. Y., assignor to Radio Corporation of America. Frequent modulation ratio detector. 2,561,089, July 17.
Anderson, Earl I., Manhasset, N. Y., assignor to Radio Corporation of America. Background control and synchronizing signal separating circuit. 2,564,554, Aug. 14.
Anderson, Earl I., Manhasset, N. Y., assignor to Radio Corporation of America. Converter circuits for frequency modulation-amplitude modulation receivers. 2,571,001, Oct. 9.
Anderson, Earnest, assignee: *See*—
Mitchell, Cecil T.
Anderson, Edgar V., Salt Lake City, Utah, assignor by decree of court to A. Anderson. Ball cock. 2,549,041, Apr. 17.
Anderson, Edith M., assignee: *See*—
Anderson, Swan F.
Anderson, Edmund B., Rockford, assignor to Borg-Warner Corporation, Chicago, Ill. Constant velocity joint. 2,579,356, Dec. 18.
Anderson, Edward B., Wilmington, Del. Fishing line sinker. 2,557,776, June 19.
Anderson, Edward G., Hamilton County, assignor to The E. Kahn's Sons Company, Cincinnati, Ohio. Shortening and making shortening. 2,536,865, Jan. 2.
Anderson, Edward G. O., West Wickham, assignor to John Logie Baird Limited, London, England. Thermionic amplifier. 2,537,807, Jan. 9.
Anderson, Edward P., Rutherford, assignor to Bendix Aviation Corporation, Teterboro, N. J. Cleaning apparatus. 2,549,406, Apr. 17.
Anderson, Emery J., Minneapolis, Minn. Keyhole illuminator with sliding switch. 2,562,687, July 31.
Anderson, Emil, Briarcliff Manor, N. Y., assignor to Electrolux Corporation, Old Greenwich, Conn. Vacuum cleaner. 2,564,468, Aug. 14.
Anderson, Emil, Briarcliff Manor, N. Y., assignor to Electrolux Corporation, Old Greenwich, Conn. Suction cleaner and dust receptacle therefor. 2,567,171, Sept. 11.
Anderson, Emil, Briarcliff Manor, N. Y., assignor to Electrolux Corporation, Old Greenwich, Conn. Receptacle. 2,574,683, Nov. 13.
Anderson, Emil C., Pine City, Minn. Device for straightening milk can covers. 2,570,420, Oct. 9.
Anderson, Emil S., Chicago, Ill. Extension attachment for boats. 2,576,744, Nov. 27.
Anderson, Eric M., Westbrook, G. R. Kelley, Portland, and E. A. Clifford, Gorham, Maine, assignors to Utilities Distributors, Inc. Portable gas burning space heating unit. 2,538,492, Jan. 16.
Anderson, Ernest H., Jamestown, N. Y. Slat structure for beds and the like. 2,570,743, Oct. 9.
Anderson, Frank A., Portland, Oreg. Attachment for mechanically agitating ice cream while being frozen in home freezers. 2,555,624, June 5.
Anderson, Fred A., Richmond Hill, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Tool for use in replacing insulators in switch banks. 2,546,810, Mar. 27.
Anderson, Frederic W., Lynbrook, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Current supply apparatus. 2,567,797, Sept. 11.
Anderson, Gay A., Sloan, Iowa. Stock water tank cover. 2,537,324, Jan. 9.
Anderson, Gene W., Gig Harbor, Wash. Rowing device. 2,565,714, Aug. 28.
Anderson, George, assignor to Jamestown Safety Guard Corporation, Jamestown, N. Y. Safety device for machine operators. 2,545,013, Mar. 13.
Anderson, George F.: *See*—
Keroson, George E.
Anderson, George W., Port Washington, N. Y. Coupling device for building structures. 2,540,468, Feb. 6.
Anderson, George W., Port Washington, N. Y. Knockdown furniture. 2,546,811, Mar. 27.
Anderson, George W., Port Washington, N. Y. Knockdown table furniture. 2,546,812, Mar. 27.
Anderson, George W., Port Washington, assignor to United States Plywood Corporation, New York, N. Y. Floating corner construction. 2,566,649, Sept. 4.
Anderson, Glenn P.: *See*—
Anderson, Irving and G. P.
Anderson, Gordon C.: *See*—
Gwaltney, Eugene C., and Anderson.
Anderson, Gordon R., Beloit, Wis., assignor to Fairbanks, Morse & Co., Chicago, Ill. Seal for electric motors. 2,541,906, Feb. 13.
Anderson, Gordon R., and J. K. Gibbs, Beloit, Wis., assignors to Fairbanks, Morse & Co., Chicago, Ill. Coil winding apparatus for magnetic cores. 2,551,521, May 1.
Anderson, Gordon S., Millbrook, assignor to Stewart R. Brown Mfg. Co., Inc., New York, N. Y. Two-color wand light attachment for flash lights. 2,567,046, Sept. 4.
Anderson, Hans G., Duluth, Minn. Battery terminal connector. 2,543,540, Feb. 27.
Anderson, Harold, Lansdowne, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Turbine control apparatus. 2,545,187, Mar. 13.
Anderson, Harold C., Chicago, Ill. Safety razor. 2,568,047, Sept. 18.
Anderson, Harry C., and K. T. Sutton, Stratford, Conn., assignors to General Electric Company. Electric blanket control. 2,543,620, Feb. 27.
Anderson, Harvey R., Eureka, assignor to Keasbey and Mattison Company, Ambler, Pa. Insulation board. 2,565,340, Aug. 21.

Anderson, Helmer, Minneapolis, Minn., assignor to General Mills, Inc. Gripper for the tops of bags, sacks, and the like. 2,561,306, July 17.
Anderson, Helmer, Minneapolis, Minn., assignor to General Mills, Inc. Method and apparatus for feeding blanks. 2,573,944, Nov. 6.
Anderson, Henry, assignee: *See*—
Powell, Walter N.
Anderson, Henry C., and E. L. Sommerfeldt, Arpin, Wis. Valve. 2,557,586, June 19.
Anderson, Henry E., San Diego, Calif. Holder for roll materials. 2,554,849, May 29.
Anderson, Henry H.: *See*—
Swallow, Herbert A., and Anderson.
Anderson, Henry W., Martinez, O. A. Samson, Concord, and A. W. Clark, Albany, assignors to Shell Development Company, San Francisco, Calif. Producing sulfonic acids and sulfonates. 2,578,657, Dec. 18.
Anderson, Hugo F., assignor to Hastings Manufacturing Company, Hastings, Mich. Piston ring. 2,554,289, May 22.
Anderson, Irving and G. P., Lodi, Calif. Smoking pipe. 2,564,799, Aug. 21.
Anderson, James, Jr., assignee: *See*—
Mann, Ralph C., and Ashcraft.
Anderson, James A., Memphis, Tenn. Variable reactance transformer. 2,555,911, June 5.
Anderson, James A., Jr.: *See*—
Wadley, Edward F., and Anderson.
Anderson, James E., assignor to L. L. Hamilton and G. H. McDonald, doing business as Regional Sales Company, Portland, Oreg. Support for dial operating devices. 2,554,551, May 29.
Anderson, James H., Easton, Pa., assignor to Ingersoll-Rand Company, New York, N. Y. Pressure booster. 2,539,292, Jan. 23.
Anderson, James H., Easton, Pa., assignor to Ingersoll-Rand Company, New York, N. Y. Gas compressor. 2,550,515, Apr. 24.
Anderson, James H., Easton, Pa., assignor to Ingersoll-Rand Company, New York, N. Y. Drilling machine. 2,551,409, May 1.
Anderson, James H., Easton, Pa., assignor to Ingersoll-Rand Company, New York, N. Y. Cushioning device for rock drills. 2,558,165, June 26.
Anderson, James H., Easton, Pa., assignor to Ingersoll-Rand Company, New York, N. Y. Clamping device. 2,574,007, Nov. 6.
Anderson, James H., Easton, Pa., assignor to Ingersoll-Rand Company, New York, N. Y. Air drier. 2,577,176, Dec. 4.
Anderson, James L., Closter, N. J., assignor to Air Reduction Company, Incorporated. Scarfing apparatus. 2,538,074, Jan. 16.
Anderson, James L., Closter, N. J., assignor to Air Reduction Company, Incorporated. Scarfing metal slabs. 2,555,527, June 5.
Anderson, James L., Closter, N. J., assignor to Air Reduction Company, Incorporated. Thermochemically severing tubular metal members. 2,556,786, June 12.
Anderson, James T., and R. S. Wells, Rugby, England, assignors to General Electric Company. Manganese actuated zinc barium silicate phosphor. 2,540,804, Feb. 6.
Anderson, James W., Jr., assignor to Accessory Research Corporation, Detroit, Mich. Hand brake signal. 2,566,155, Aug. 28.
Anderson, James W., Jr., assignor to Accessory Research Corporation, Detroit, Mich. Rearview mirror support. 2,571,002, Oct. 9.
Anderson, Jay E., Dallas, Tex. Can perforating device. 2,569,123, Sept. 25.
Anderson, Joe C., Houston, Tex. Chain wrench. 2,566,108, Aug. 28.
Anderson, John, Glasgow, Scotland, and Andrew Fraser, London, England, assignors to Mavor & Coulson, Limited, Glasgow, Scotland. Power-actuated vehicle-moving apparatus. 2,572,687, Oct. 23.
Anderson, John E., Minneapolis, Minn. Trestle bracket. 2,559,696, July 10.
Anderson, John E., Portland, and A. N. Allen, Jr., East Windsor Hill, assignors to United Aircraft Corporation, East Hartford, Conn. Propeller pitch change motor. 2,573,783, Nov. 6.
Anderson, John F., Oakland, Calif. Arm signaling window. 2,557,065, June 19.
Anderson, John M., and F. M. Exner, Minneapolis, and R. E. Haselberger, St. Paul, assignors to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Computing means. 2,538,226, Jan. 16.
Anderson, John P., Fernwood, Calif., assignor to North American Aviation, Inc. Automatic hydraulic-mechanical follow-up control system. 2,547,552, Apr. 3.
Anderson, John R.: *See*—
Gilbert, Samuel, and Anderson.
Anderson, John R., assignor to Koppers Company, Inc., Pittsburgh, Pa. Purification of coke oven benzene. 2,576,092, Nov. 27.
Anderson, John W., Gary, Ind., assignor to Productive Inventions, Inc. Connection means for a windshield wiper blade and arm unit. 2,548,090, Apr. 10.
Anderson, John W., Westfield, and J. W. Hamilton, Montclair, assignors to Airtron, Inc., Linden, N. J. Quick disconnect coupling for power cables. 2,574,456, Nov. 13.
Anderson, Joseph A., Benton Harbor, Mich. Musical instrument rack. 2,552,921, May 15.
Anderson, Joseph E., Maywood, N. J. Multistage turbine in which the rotors are connected by means of differential gear trains. 2,553,839, May 22.
Anderson, Joseph F., assignor to Burr Watson & Associates, Inc., Denver, Colo. Typesetting means in laundry marking machines. 2,573,756, Nov. 6.
Anderson, Kador G., Chicago, Ill. Trough for motor vehicle ventilating windows. 2,570,744, Oct. 9.
Andersson, Karl H.: *See*—
Wästvind, Allan U., and Andersson.
Anderson, Karl V.: *See*—
Grieshaber, Emil, and Anderson.
Anderson, Kathryn S., assignee: *See*—
Anderson, Clayton W.
Anderson Leslie J., Morrestown, N. J., assignor to Radio Corporation of America. Magazine-type magnetic phonograph having a fast rewind mechanism. 2,568,601, Sept. 18.
Anderson, Leslie J., Moorestown, N. J., assignor to Radio Corporation of America. Sound wave transducer. 2,579,136, Dec. 18.
Anderson, Lindson P.: *See*—
Sifferd, Robert H., and Anderson.
Anderson, Louis E., Chicago, Ill., assignor, by mesne assignments, to The Cuno Engineering Corporation, Meriden, Conn. Making a filter element. 2,539,767, Jan. 30.
Anderson, Louis E., Chicago, Ill., assignor, by mesne assignments, to The Cuno Engineering Corporation, Meriden, Conn. Filter element and making the same. 2,539,768, Jan. 30.
Anderson, Lucian N., Babbitt, Nev. System of freight loading and handling. 2,575,326, Nov. 20.
Anderson, Marshall N., assignor to Sellstrom Manufacturing Company, Chicago, Ill. Adjustable frame. 2,568,882, Sept. 25.
Anderson, Miner S., Wabasha, Minn. Combined bottle carrier and rack. 2,555,102, May 29.
Anderson, Neville R., Edgecliff, near Sydney, New South Wales, Australia. Riveting tool. 2,541,455, Feb. 13.
Anderson, Nils K., Elmhurst, assignor to Universal Oil Products Company, Chicago, Ill. Catalytic conversion of hydrocarbons. 2,541,186, Feb. 13.
Anderson, Olaf F., Fort Lee, assignor to Condenser Service & Engineering Co., Inc., Hoboken, N. J. Plug for sealing tube sheets. 2,543,430, Feb. 27.
Anderson, Olof V.: *See*—
Anderson, Carl A. and O. V.
Anderson, Olof V., Cowesett, R. I., assignor to Anson Incorporated. Tie holder. 2,571,097, Oct. 16.
Anderson, Oscar M., assignor to Landers, Frary & Clark, New Britain, Conn. Water filling apparatus. 2,561,836, July 24.
Anderson, Oscar M., assignor to Landers, Frary & Clark, New Britain, Conn. Air-flow control for vacuum cleaners. 2,561,964, July 24.
Anderson, Paige M.: *See*—
Evans, Truman, Jr., and Anderson.
Anderson, Philip C., and J. L. C. Rapp, assignors to Archem Corporation, Crete, Nebr. Stabilized corn and method therefor. 2,567,631, Sept. 11.
Anderson-Prichard Oil Corporation, assignee: *See*—
Allen, Clyve C.
Anderson, Raymond T., Lakewood, assignor to The V. D. Anderson Company, Cleveland, Ohio. Fines separator for solvent extraction systems. 2,548,333, Apr. 10.
Anderson, Raymond T., Lakewood, assignor to The V. D. Anderson Company, Cleveland, Ohio. Discharge means for cookers. 2,554,082, May 22.
Anderson, Raymond T., Lakewood, assignor to The V. D. Anderson Company, Cleveland, Ohio. Plug drain for solvent extraction plants. 2,560,147, July 10.
Anderson, Raymond T., Lakewood, assignor to The V. D. Anderson Company, Cleveland, Ohio. Drain pan. 2,572,236, Oct. 23.
Anderson, Reuben B., St. Paul, Minn. Window construction. 2,538,825, Jan 23.
Anderson, Robert E., assignee: *See*—
Young, Harry E., and Farnham.
Anderson, Robert G., Erie, Pa., assignor to General Electric Company. Flexible drive. 2,551,230, May 1.
Anderson, Robert I., Alameda, Calif., assignor to The Sperry Corporation. Object locating system. 2,537,952, Jan. 16.
Anderson, Robert I., Grand Haven, Mich., assignor to The Brunswick-Balke-Collender Company, Chicago, Ill. Bowling ball retarder. 2,566,109, Aug. 28.
Anderson, Robert J., Springfield, Mass., assignor to Monsanto Chemical Company, St. Louis, Mo. Wire coating compositions. 2,574,313, Nov. 6.
Anderson, Robert P., Philadelphia, Pa., assignor to Empire Blast Machine Company. Sand blast. 2,553,625, May 22.
Anderson, Roger, Seattle, Wash. Surgical table. 2,577,177, Dec. 4.
Anderson, Roy, Harnett County, N. C. Tobacco looper. 2,571,003, Oct. 9.

Anderson, Roy H., Bellevue, assignor to Boeing Airplane Company, Seattle, Wash. Rotational limit shaft coupling mechanism. 2,544,974, Mar. 13.
Anderson, Roy J., Chicago, Ill. Electric toaster. 2,548,511, Apr. 10.
Anderson, Roy N., Grier, N. Mex. Frame for coupling two tractors in laterally spaced relation and for mounting the tractor controls thereon. 2,551,231, May 1.
Anderson, Roy W., St. Joseph, Mich. Wall structure. 2,546,290, Mar. 27.
Anderson, Russell T., assignor, by mesne assignments, to Perfection Supply Company, Denver, Colo. Inker adjuster for marking machines. 2,550,901, May 1.
Anderson, Stanley T., Jamestown, N. Y. Drop-leaf supports for extension tables. 2,548,927, Apr. 17.
Anderson, Stanley W., Western Springs, Ill. Wire fastener. 2,575,481, Nov. 20.
Anderson, Swan F., assignor of one-half to E. M. Anderson, Rockford, Ill. Cup dispenser. 2,538,185, Jan. 16.
Anderson, Thomas F., Huntsville, Ala., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Thermosetting polyester compositions containing dihydroxy diphenyls. 2,559,837, July 10.
Anderson, Thomas F., Huntsville, Ala., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Thermosetting polyester compositions containing thiophenols. 2,559,838, July 10.
Anderson Tool & Die Works, Inc., assignee: *See*—
Anderson, Carl A. and O. V.
Anderson, Vernal A., assignor to Bendix Aviation Corporation, South Bend, Inc. Brake adjuster. 2,536,410, Jan. 2.
Anderson, V. D., Company, The, assignee: *See*—
Anderson, Raymond T.
Dunning, John W.
Langhurst, Louis F.
Smith, Marion W., and Weigel.
Zies, Carl W.
Zies, Carl W., and Weigel.
Anderson, V. E., Manufacturing Company, assignee: *See*—
Anderson, Victor E.
Anderson, Victor E., assignor to V. E. Anderson Manufacturing Company, Owensboro, Ky. Window construction. 2,553,738, May 22.
Anderson, Walter A., Bridgeport, Conn., assignor to Underwood Corporation, New York, N. Y. Front-feed device. 2,536,524, Jan. 2.
Anderson, Walter A., Bridgeport, Conn., assignor to Underwood Corporation, New York, N. Y. Front-feed mechanism. 2,536,525, Jan. 2.
Anderson, Walter A., Bridgeport, Conn., assignor to Underwood Corporation, New York, N. Y. Power carriage return mechanism and safety features. 2,561,552, July 24.
Anderson, Walter A., Bridgeport, Conn., assignor to Underwood Corporation, New York, N. Y. Carbon sheet supporting device. 2,563,149, Aug. 7.
Anderson, Walter L., Wichita, Kans. Collapsible ironing table. 2,567,538, Sept. 11.
Anderson, Warren A., West Brighton, N. Y., assignor to Radio Corporation of America. Signal shaping amplifier. 2,546,813, Mar. 27.
Anderson, W. E., Inc., assignee: *See*—
Webster, Raymond C.
Anderson, Wilbur C.: *See*—
Riemenschneider, Edmund W., and Anderson.
Anderson, Wilbur C., assignor to The Union Metal Manufacturing Company, Canton, Ohio. Spring construction. 2,559,103, July 3.
Anderson, Wilford A., assignor to G. H. Tennant Company, Minneapolis, Minn. Floor waxing machine. 2,568,699, Sept. 25.
Anderson, William C., Oak Park, assignor to Illinois Tool Works, Chicago, Ill. Screw and washer assembly machine. 2,578,217, Dec. 11.
Anderson, William E., assignor to J. Z. Miller, III, Kansas City, Mo. Apparatus for combining and emplacing cementitious substances. 2,543,517, Feb. 27.
Anderson, William E., assignor to J. Z. Miller, III, trustee, Kansas City, Mo. Outlet nozzle structure for material applying equipment. 2,558,229, June 26.
Anderson, William F., Wilmington, Calif. Snell shield. 2,537,730, Jan. 9.
Anderson, William F., Wilmington, Calif. Bait holder. 2,568,602, Sept. 18.
Anderson, William G., Geneseo, Ill. Machine for grinding chain links and like articles. 2,570,302, Oct. 9.
Anderson, William H., Stockton, Calif. Crop spraying attachment for airplanes. 2,564,555, Aug. 14.
Anderson, William J., West Hartford, Conn. Mixing concrete. 2,564,619, Aug. 14.
Anderson, William T., Jr., Maplewood, assignor to Hanovia Chemical and Mfg. Company, Newark, N. J. Ultraviolet irradiation. 2,569,793, Oct. 2.
Anderson, Wilmer C., Douglaston, N. Y., assignor to the United States of America as represented by the Secretary of War. Pulse measuring device. 2,577,499, Dec. 4.
Anderson, Wilmer C., assignor to Deering Milliken Research Trust, Greenwich, Conn. Electronic textile control device. 2,569,442, Oct. 2.
Anderssen, Ralph I., Schenectady, N. Y. Condiment holder supporting bracket. 2,579,895, Dec. 25.
Andersson, Albert E., Flysta, Spanga, assignor to Telefonaktiebolaget L M Ericsson, Stockholm, Sweden. Movable iron instrument. 2,536,526, Jan. 2.
Andersson, Björn F., Ulvsunda, Sweden. Pressure cooker closure structure. 2,578,389, Dec. 11.
Andersson, Ernst, and C. E. Fogde, Skonsmon, assignors to Svartviks Aktiebolag, Sundsvall, Sweden. Locking device for windows. 2,548,578, Apr. 10.
Andersson, Gustav H., Smedslatten, and H. W. Thylefors, assignors to Aktiebolaget Separator, Stockholm, Sweden. Sealing device for centrifugal separators. 2,536,793, Jan. 2.
Andersson, Gustav H., Smedslatten, assignor to Aktiebolaget Separator-Nobel, Stockholm, Sweden. Method and centrifuge for dewaxing oil solution. 2,547,612, Apr. 3.
Andersson, Gustav H., Smedslatten, assignor to Aktiebolaget Separator, Stockholm, Sweden. Centrifugal separation of heavy boiler oil. 2,572,425, Oct. 23.
Andersson, Ivan, St. Petersburg, Fla. Automatically operating a number of electric relays or solenoids at a preset time. 2,543,309, Feb. 27.
Andersson, John O., Ektorp, Sweden. Removable nozzle spray gun. 2,544,123, Mar. 6.
Andersson, Sven W. E., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Ice tray and grid. 2,542,105, Feb. 20.
Anderton, Benjamin A.: *See*—
Reeve, Charles S., and Anderton.
Andis Clipper Company, assignee: *See*—
Andis, Matthew G.
Andis, Matthew G., assignor to Andis Clipper Company, Racine, Wis. Electric switch using a bridge contact for either single throw or double throw operation. 2,557,493, June 19.
Ando, Takuro: *See*—
Yabuno, Gaiseki, Maki, Ajima, Kuwayama, and Ando.
Andre, Michael C., Miami, Fla., assignor to Gaylord Container Corporation, St. Louis, Mo. Bendable clip box lock. 2,553,840, May 22.
Andre, Noble, assignee: *See*—
Michetti, Louis C.
Andre Paper Box Company, assignee: *See*—
Michetti, Louis C.
André, Per A. S., Stromsnasbruk, Sweden. Automatic closure for valve-bag valves. 2,572,686, Oct. 23.
Andreas, John M.: *See*—
Clark, Lauriston E., and Andreas.
Andreas, John M., Pasadena, assignor to Technicolor Motion Picture Corporation, Hollywood, Calif. Cinematographic apparatus. 2,553,841, May 22.
Andreasen, Svend V., assignor to The Power-Gas Corporation Limited, Stockton-on-Tees, England. Electrolytic cells. 2,576,553, Nov. 27.
Andreasson, Rudolf W., Franklin, Mich. Apparatus for relieving the teeth of circular cutting elements. 2,547,845, Apr. 3.
Andren, Karl H., Greenfield, Wis., assignor, by mesne assignments, to Western Electric Company, Incorporated, New York, N. Y. Terminal wiring apparatus. 2,551,358, May 1.
Andren, Karl H., Greenfield, assignor to Artos Engineering Company, Milwaukee, Wis. Shoelace packaging. 2,560,205, July 10.
Andren, Karl H., assignor to Artos Engineering Company, Milwaukee, Wis. Mechanism for applying electric terminals to stranded wires. 2,545,756, Mar. 20.
Andren, Karl H., assignor to Artos Engineering Company, Milwaukee, Wis. Automatic strand feed regulator. 2,560,204, July 10.
Andren, Karl H., assignor to Artos Engineering Company, Milwaukee, Wis. Terminal wiring method and apparatus. 2,564,874, Aug. 21.
Andreoli, Gianni, Emmen, Switzerland. Episcopic projector. 2,570,507, Oct. 9.
Andreou, Rubie E., South Bend, Ind. Pleater hook for drapes. 2,552,922, May 15.
Andres, Lloyd J., assignor to Automatic Instrument Company, Chicago, Ill. Selective record player. 2,546,845, Mar. 27.
Andres, Lloyd J., Itasca, Ill. Selective phonograph controller. 2,551,522, May 1.
Andres, Lloyd J., Chicago, Ill., assignor to National Rejectors, Inc., St. Louis, Mo. Slug rejector scavenger for magnetic coin testers. 2,555,669, June 5.
Andres, Lloyd J., assignor to Permo, Incorporated, Chicago, Ill. Multiple-phonograph control. 2,558,505, June 26.
Andresen, Earl T., Salem, Oreg. Abrasive tool. 2,537,252, Jan. 9.
Andresen, John H., Jr.: *See*—
Angst, Walter, and Andresen.
Carbonara, Victor E., and Andresen.
Andresen, John H., Jr., Greenwood Lake, assignor, by mesne assignments, to Kollsman Instrument Corporation, Elmhurst, N. Y. Rotary electrical transmitter. 2,571,810, Oct. 16.
Andresen, John H., Jr., Port Washington, N. Y., assignor to Square D Company, Detroit, Mich. Pressure ratio system. 2,538,824, Jan. 23.
Andresen, Raymond H., assignor to E. J. and H. J. Schoen, Chicago, Ill. Electric motor-driven agitator. 2,552,023, May 8.

Andresen, William A., and L. Boero, assignors to The Casement Hardware Company, Chicago, Ill. Hardware for tropical louvers. 2,565,447, Aug. 21.

Andress, Harry J., Jr., Woodbury, N. J., assignor to Socony-Vacuum Oil Company, Incorporated. Preparation of phosphorus- and sulfur-containing materials. 2,537,926, Jan. 9.

Andrew, Charles, and F. Waitkens, Brooklyn, assignors to A. W. Machine Company, New York, N. Y. Closure cap lining machine. 2,567,141, Sept. 4.

Andrew, Owen N., Glendale, assignor to Byron Jackson Co., Vernon, Calif. Cable connector for gun perforators. 2,562,880, Aug. 7.

Andrew, William K., Wauwatosa, and A. H. Fotsch, assignors to Kearney & Trecker Corporation, West Allis, Wis. Machine tool positioning mechanism. 2,559,839, July 10.

Andrew, William K., Wauwatosa, R. H. Ford, Waukesha, and E. W. Just, assignors to Kearney & Trecker Corporation, West Allis, Wis. Machine tool organization and control mechanism. 2,577,943, Dec. 11.

Andrews-Alderfer Processing Company, assignee: *See*— Bosshard, Alfred.

Andrews, Alvadore M., Portland, Oreg. Flexible valve. 2,568,976, Sept. 25.

Andrews, Alvadore M., Portland, Oreg. Heated pressure seaming device for plastics. 2,579,063, Dec. 18.

Andrews, Bernard R., Braintree, Mass. Drying apparatus. 2,574,083, Nov. 6.

Andrews, Boley A., Kansas City, Kans., L. A. Shontz, Jr., and E. C. Johnson, assignors, by mesne assignments, to The Vendo Company, Kansas City, Mo. Bottle vending machine for compartment cases. 2,540,856, Feb. 6.

Andrews, Boley A., Kansas City, Kans., assignor, by mesne assignments, to The Vendo Company, Kansas City, Mo. Electric control for door opening and closing mechanisms. 2,558,032, June 26.

Andrews, Boley A., assignor, by mesne assignments, to The Vendo Company, Kansas City, Mo. Vending machine for bottled goods. 2,563,204, Aug. 7.

Andrews, Boley A., Kansas City, Mo., and G. M. Pro, Kansas City, Kans., assignors, by mesne assignments, to The Vendo Company, Kansas City, Mo. Door controlling mechanism and limit switch. 2,574,684, Nov. 13.

Andrews, Dallas R., Collingswood, N. J., assignor to Radio Corporation of America. Erasing head for magnetic recorders. 2,550,753, May 1.

Andrews, Dallas R., Collingswood, N. J., assignor to Radio Corporation of America. Reducing static electricity charges in nonelectroconductive styli. 2,572,426, Oct. 23.

Andrews, Earl W., Slatington, Pa., assignor to The New Jersey Zinc Company, New York, N. Y. Method and apparatus for effecting continuous sulfuric acid digestion of titaniferous material. 2,557,528, June 19.

Andrews, Edward D., Akron, Ohio, assignor to The Quaker Oats Company, Chicago, Ill. Packaging. 2,567,267, Sept. 11.

Andrews, Edward D., Akron, Ohio, assignor to The Quaker Oats Company, Chicago, Ill. Container loading machine having automatic carton ejector. 2,578,277, Dec. 11.

Andrews, Edward F., assignor to Signal Tuned Radio Corporation, Chicago, Ill. Stop-on-signal radio apparatus. 2,541,018, Feb. 13.

Andrews, Edward F., Chicago, Ill. Portable electro-acoustical apparatus. 2,571,514, Oct. 16.

Andrews, Edward F., Youngstown, Ohio. Rattrap. 2,541,681, Feb. 13.

Andrews, Eleanor U., assignee: *See*— Abrams, Victor R., and Lorenz.

Andrews, George H., Washington, D. C., assignor to Seamless Products Co., Inc. Portable drinking fountain. 2,575,936, Nov. 20.

Andrews, Glenn E.: *See*— MacKenzie, Kenneth W., and Andrews.

Andrews & Goodrich, Inc., assignee: *See*— Dreisel, William.

Andrews, Henry: *See*— Thomas, Charles P., and Andrews.

Andrews, Howard D., assignor of one-half to Clair Hicks, Salinas, Calif. Combination tool. 2,572,237, Oct. 23.

Andrews, Irving, assignor of one-third to V. B. Guion and one-third to G. P. Letts, Bethel, Conn. Antiskid device for motor vehicle tires. 2,540,230, Feb. 6.

Andrews, James D., Oakes, N. Dak. Skid chain applier and remover. 2,566,396, Sept. 4.

Andrews, John L., Fairfield, Ill., assignor to Chefford Master Manufacturing Co. Inc. Filter and pulsation dampener. 2,544,289, Mar. 6.

Andrews, John M., assignor to York Corporation, York, Pa. Safety control for liquid-cooled devices. 2,572,582, Oct. 23.

Andrews, John R., Jr., assignor to Uxbridge Worsted Co., Inc., Uxbridge, Mass. Mechanism for applying identifying markings to wound bobbins. 2,565,642, Aug. 28.

Andrews, Laurence M., Washington, D. C., assignor to the United States of America as represented by the Secretary of the Navy. Powder train interrupter. 2,537,953, Jan. 16.

Andrews, Mark B., Kirkwood, Mo. Tape rewinding device and method. 2,576,710, Nov. 27.

Andrews, Noah S., trustee: *See*— Lent, Edward B.

Andrews, Norman F., assignor to Deere & Company, Moline, Ill. Self-propelled corn picker vehicle. 2,536,147, Jan. 2.

Andrews, Norman F., assignor to Deere & Company, Moline, Ill. Agricultural vehicle with articulately connected frame sections. 2,536,148, Jan. 2.

Andrews, Norman F., assignor to Deere & Company, Moline, Ill. Suspension for vehicles especially for agricultural purposes. 2,536,411, Jan. 2.

Andrews, Norman F., Moline, and J. B. Hayes, Miland, assignors to Deere & Company, Moline, Ill. Corn harvester tractor mounting means. 2,536,899, Jan. 2.

Andrews, Norman F., Ankeny, assignor to Deere Manufacturing Co., Dubuque, Iowa. Flexible and piloted shaft coupling. 2,540,315, Feb. 6.

Andrews, Norman F., Moline, Ill., and R. L. Dort, Davenport, Iowa, assignors to Deere & Company, Moline, Ill. Vehicle, especially for agricultural purposes. 2,543,310, Feb. 27.

Andrews, Norman F., assignor to Deere & Company, Moline, Ill. Corn harvester having detachable husking means. 2,549,999, Apr. 24.

Andrews, Norman F., assignor to Deere & Company, Moline, Ill. Harvester gatherer. 2,571,811, Oct. 16.

Andrews, O. B., Company, assignee: *See*— Phillips, Lawrence H.

Andrews, Richard A., assignor to Food Machinery and Chemical Corporation, San Jose, Calif. Spraying and dusting machine. 2,569,274, Sept. 25.

Andrews, Rufus A., Mamaroneck, N. Y., assignor to Ward Leonard Electric Company. Electric controlling apparatus. 2,555,103, May 29.

Andrews, Sol, trustee: *See*— Lent, Edward B.

Andrews, Steve J, assignor to Tinnerman Products, Inc., Cleveland, Ohio. Fastening device. 2,539,172, Jan. 23.

Andrews, Thomas D. H., assignor to Davis, Wynn & Andrews Limited, Cheltenham, England. Counting mechanism. 2,564,144, Aug. 14.

Andrews, Troy M.: *See*— Martin, Mervin E., Andrews, and Franck.

Andrews, William, Gateshead-on-Tyne, England, assignor to Metal and Thermit Corporation, New York, N. Y. Coated welding rod. 2,547,432, Apr. 3.

Andrus, Elwin A., assignee: *See*— Bierce, Burton B.

Andrus, Orrin E., Altadena, Calif., assignor to A. O. Smith Corporation, Milwaukee, Wis. Electromagnetic device and making same. 2,562,254, July 31.

Andrus, Orrin E., Altadena, Calif., assignor to A. O. Smith Corporation, Milwaukee, Wis. Submersible electric motor. 2,573,126, Oct. 30.

Anemostat Corporation of America, assignee: *See*— Honerkamp, Friedrich, and Phillips.
Phillips, Leonard R.
Wallen, George R.

Anest, William, North Platte, Nebr. Snap chuck. 2,536,149, Jan. 2.

Anetsberger Brothers, Inc., assignee: *See*— Anetsberger, Frank A.

Anetsberger, Frank A., Chicago, assignor to Anetsberger Brothers, Inc., Northbrook, Ill. Deep fat frier. 2,570,628, Oct. 9.

Angelery, Henry W., Englewood, N. J. Air-conditioning system. 2,555,528, June 5.

Angell, Charles H., Danville, Ill. Device for gauging magnetic materials. 2,537,731, Jan. 9.

Angell, George W., and M. E. Troyer, Syracuse, N. Y. Answer recorder for examination questions. 2,551,083, May 1.

Angelone, Carmine J., Orange, N. J. Anchorage of toilet fixtures. 2,549,357, Apr. 17.

Angelos, William G., assignee: *See*— MacFarland, Allison M.

Angelot, Gerard, Youngstown, Ohio. Headrest. 2,564,458, Aug. 14.

Angénieux, Pierre, Saint-Heand, France. Mirror operating device for reflex cameras. 2,579,247, Dec. 18.

Anger, Ernest G.: *See*— Stanback, Harris I., and Anger.

Angermeier, Herbert F., Essex Fells, N. J. Edible calcium alginate jelly. 2,536,708, Jan. 2.

Angermueller, Herman P., Cranford, N. J., assignor to Allied Chemical & Dye Corporation, New York, N. Y. Fume hood. 2,549,042, Apr. 17.

Angier, Robert B.: *See*— Waller, Coy W., and Angier.

Angle, Glenn D., Thomaston, assignor to The New Britain Machine Company, New Britain, Conn. Radial engine with generator. 2,543,541, Feb. 27.

Angle, Glenn D., Thomaston, assignor to The New Britain Machine Company, New Britain, Conn. Wrist pin retainer. 2,568,478, Sept. 18.

Angle, Glenn D., Thomaston, assignor to The New Britain Machine Company, New Britain, Conn. Cylinder head. 2,576,819, Nov. 27.

Angle, Glenn D., Thomaston, assignor to The New Britain Machine Company, New Britain, Conn. Valve actuating mechanism for multiple-row radial engines. 2,578,875. Dec. 18.
Anglim, Frank L., Marquette, Mich. Trolling device. 2,572,427, Oct. 23.
Anglin, William E., Dallas, Tex. Refrigerating apparatus for beverage coolers. 2,546,417. Mar. 27.
Anglo-International Industries Ltd., assignee: *See*— Guardiola-Aragonès, Jaime, J. F.
Anglo-Iranian Oil Company Limited, assignee: *See*— Birch, Stanley F., Habeshaw, and Collis.
Docksey, Patrick, and Porter.
Fawcett, Eric W. M., and Millien.
Howes, Donald A.
Howes, Donald A., and Pethrick.
Howes, Donald A., Tait, Docksey, Birch, and Partridge.
Jenkins, Gwilym I.
Lorne, Henry T., and Porter.
MacLean, Thomas T.
Porter, Frederick W. B.
Porter, Frederick W. B., and Green.
Porter, Frederick W. B., and Northcott.
Strang, Leslie C.
Vivian, Arthur C.
Angst, Walter, Manhasset, and J. H. Andresen, Jr., Port Washington, assignors, by mesne assignments, to Kollsman Instrument Corporation, Elmhurst, N. Y. Altimeter. 2,557,856, June 19.
Angus, Harold F., Anderson Township, Hamilton County, and W. Franklin, Cincinnati, assignors to The Hyde Park Lumber Company, Norwood, Ohio. Window construction. 2,552,024. May 8.
Angus, Leonard J., Manhasset, assignor to Remington Rand Inc., New York, N. Y. Carrier for perforated record cards. 2,537,732. Jan. 9.
Anheuser-Busch, Inc., assignee: *See*— McClary, Joseph E.
Animal Trap Company of America, assignee: *See*— Graybill, Hershey R.
Lehn, John U.
Anish, Alfred W., Vestal, assignor to General Aniline & Film Corporation, New York, N. Y. Sensitizing cyanine dyestuff intermediates. 2,536,973. Jan. 2.
Anish, Alfred W., Vestal, assignor to General Aniline & Film Corporation, New York, N. Y. Merocyanine dyes containing an aryloxy-, arylthio-, or arylselenoalkyl group attached to one of the nitrogen atoms thereof. 2,553,494, May 15.
Anish, Alfred W., Vestal, and L. C. Hensley, Binghamton, assignors to General Aniline & Film Corporation, New York, N. Y. Photographic light sensitive elements containing azanol dyes. 2,545,421. Mar. 13.
Anke, Rudolph, West Lawn, assignor to Textile Machine Works, Wyomissing, Pa. Full-fashioned knitting machine and operating the same. 2,578,164, Dec. 11.
Anker-Werke, A. G., assignee: *See*— Aurbach, Kurt.
Annan, R. Green, assignee: *See*— Walters, Harry W.
Annan, Roberdeau G., Pittsburgh, Pa. Display case. 2,547,244, Apr. 3.
Annell, Axel H., Stockholm, Sweden. Light fitting for tubular electric lamps. 2,570,303, Oct. 9.
Annen, James E., Kalamazoo, Mich. Scoop for stoker furnaces and the like. 2,547,846, Apr. 3.
Annicq, Joseph, Renaix, Belgium. Cock with rotary plug. 2,553,349, May 15.
Annin, Douglas H., Glendale, assignor to Grove Regulator Company, Oakland, Calif. Fluid flow control apparatus. 2,558,506, June 26.
Ansar, Anders J., Nykoping, Sweden. Protection arrangement for the reproduction needle in pickups. 2,539,392, Jan. 30.
Ansar, Anders J., Nykoping, Sweden. Pickup device having a force transmitting carier link of viscous material. 2,565,837, Aug. 28.
Anschicks, David P., assignor to The Protectoseal Company, Chicago, Ill. Container. 2,563,508. Aug. 7.
Ansel, Legaré, Walhalla, S. C. Automatic cigarette lighter. 2,567,311, Sept. 11.
Anson Incorporated, assignee: *See*— Anderson, Olof V.
Ansonia Copper and Iron Works, Inc., assignee: *See*— Hollmeyer, Thomas J., and Buchert.
Anstett, Edgar P., Chicago, Ill. Nailing machine. 2,580,065, Dec. 25.
Anstice, Mortimer R., Sr., Rochester, N. Y., assignor, by mesne assignments, to Toledo Scale Company, Toledo, Ohio. Glass washer. 2,573,945, Nov. 6.
Anstine, James W., Adrian, Mich. Adjustable lock keeper. 2,572,428, Oct. 23.
Anthes, John A., Bridgeville, Pa., assignor to American Cyanamid Company, New York, N. Y. Polymers of quaternarized acrylamido compounds as anion exchange resins. 2,567,836, Sept. 11.
Anthony, Alfred A., Rye, N. Y. Self-righting toy with spring mounted figure. 2,554,516, May 29.
Anthony, Alfred A., Rye, N. Y. Toy with displaceable elements in transparent enclosure. 2,571,405, Oct. 16.
Anthony, Earle C., Inc., assignee: *See*— Johnson, Wayne R.
Anthony, Howard E., Benton Harbor, Mich. Hollow pontoon structure and making the same. 2,547,146, Apr. 3.
Anthony, Howard E., Benton Harbor, Mich. Air filter. 2,557,717. June 19.
Anthony, John B., Oakland, Calif. Roofing and siding. 2,568,603. Sept. 18.
Anthony, John R., Jr., assignee: *See*— Johnston, J. Ford.
Anthracite Equipment Corporation, assignee: *See*— Krauss, Ralph A.
Antle, Herbert R., Bartlesville, Okla., assignor to Phillips Petroleum Company. Improved liquid-liquid contacting process using di (beta-cyanoethy)-amine. 2,572,583, Oct. 23.
Antolch, John, Los Angeles, assignor of one-fourth to S. R. Chorneau, Puente, Calif. Float-in or check valve. 2,572,299, Oct. 23.
Antone, Alfred W., Binghamton, N. Y. Miniature loudspeaker attachment for hair driers. 2,541,980, Feb. 20.
Antonevich, Michael: *See*— Crawford, Alfred, and Antonevich.
Antonioli, Frank, assignee: *See*— Gamache, Homer.
Antonioli, Peter, assignee: *See*— Gamache, Homer.
Antonson, John O., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Protective covering for the leading edges of airfoils. 2,555,625, June 5.
Antranikian, Haig, Lakewood, N. J. Signaling system. 2,577,297. Dec. 4.
Antrim, Irvin S., Dayton, Ohio. Hydrotherapy cabinet. 2,540,159. Feb. 6.
Anwar, Mohammad H.: *See*— Hoffman, Charles, Schweitzer, Anwar, and Dalby.
Anxionnaz, Rene, assignee: *See*— Imbert, Roger J.
Anxionnaz, René, and R. J. Imbert, assignors of one-half to said Anxionnaz and one-half to Societe Rateau (Societe Anonyme), Paris, France. Adjustable pipe for the intake of air and expansion of the driving gases in reaction jet propellers for projectiles and vehicles. 2,570,629, Oct. 9.
Aparicio, Luis R., Madrid, Spain. Variable filter screen. 2,537,011. Jan. 9.
Apex Accessories Co., Inc., assignee: *See*— Jaccarino, Frederick, and Pinson.
Jaccarino, Richard, and Pinson.
Pinson, Alfred.
Apex Electrical Manufacturing Company, The, assignee: *See*— Archbold, Ralph L.
Barrett, Ralph A.
Bryant, Glenn D.
Cockerill, Gerald I., and Archbold.
Davis, Archibald H., Harris, and Swilik.
Davis, Archibald H., and Hay.
Frantz, Clarence G.
Apgar, John N., Bound Brook, N. J. Turntable for fifth wheel trailer couplings. 2,567,312, Sept. 11.
Apker, Le Roy, Niskayuna, N. Y., assignor to General Electric Company. Coated grid for electron discharge tubes. 2,556,864, June 12.
Apolonio, Joseph A., Washington, D. C. Skylight. 2,566,156, Aug. 28.
Apostolescu, Stefan, New York, N. Y. Helicopter rotor construction. 2,549,407, Apr. 17.
Apparatus Development Company, assignee: *See*— Kelley, Robert W.
Appel, Albert, Malden, Mass. Fetal heart monitor. 2,536,527, Jan. 2.
Appel, Bernard P., Cleveland Heights, and J. F. Klukan, Garfield Heights, assignors to Chandler Products Corporation, Euclid, Ohio. Grinding machine. 2,557,248, June 19.
Appel, Everett H., Aurora, Ill. Agricultural loading machine. 2,543,563, Feb. 27.
Appel, Frank H., San Diego, Calif. Container closure. 2,552,923, May 15.
Appelbaum, Abraham L., Chicago, Ill. Venetian blind. 2,574,609. Nov. 13.
Appelberg, Gustaf R.: *See*— Bullard, Edward P. and E. P., III, Appelberg, Bjorklund, Cowell, Grinage, Johnson, Lange, and Mussler.
Apperson, Lester D., Flushing, N. Y., assignor to Colgate-Palmolive-Peet Company, Jersey City, N. J. Denture cleansing composition. 2,576,205, Nov. 27.
Appert, Kurt E., San Francisco, assignor to Lenkurt Electric Co., Inc., San Carlos, Calif. Frequency changing circuit. 2,545,250, Mar. 13.
Appleby, Fredrick T., Toronto, Ontario, Canada. Machine for molding concrete blocks. 2,572,830, Oct. 30.
Appleby, Walter G., Houston, and A. F. Sartor, Pasadena, Tex., assignors to Shell Development Company, San Francisco, Calif. Production of thiophene compounds from mono-olefins and hydrogen sulfide with alumina catalyst. 2,558,507, June 26.
Appleby, Walter G., Houston, and A. F. Sartor, Pasadena, Tex., assignors to Shell Development Company, San Francisco, Calif. Thiophene production from hydrogen sulfide and mono-olefin. 2,558,508, June 26.

Applegate, Earl C., Chicago, Ill. Sanding and buffing tool. 2,577,498, Dec. 4.

Applegate, Fredrick D., assignor to Consolidated Vultee Aircraft Corporation, San Diego, Calif. Vibration isolation mounting. 2,541,566, Feb. 13.

Appleton, Arthur I., Northbrook, assignor to Appleton Electric Company, Chicago, Ill. Fixture hanger. 2,545,564, Mar. 20.

Appleton, Arthur I., assignor to Appleton Electric Company, Chicago, Ill. Cover clamp. 2,569,914, Oct. 2.

Appleton Electric Company, assignee: *See*—
Appleton, Arthur I.
Tornblom, Nils A.

Appleton, John M., assignor to Continental Aviation & Engineering Corporation, Muskegon, Mich. Machine for machining tapered studs. 2,548,137, Apr. 10.

Appliance Corporation of America, assignee: *See*—
Horvath, John F.

Applied Arts Corporation, assignee: *See*—
Hendricks, Cornelius.

Applied High Frequency Limited, assignee: *See*—
Autie, Edward G., and Johnes.

Applied Research Corporation, assignee: *See*—
Weichselbaum, Theodore E.

Applied Research Laboratories, assignee: *See*—
Dwyer, Robert J.

Appling, Russell E., New Bedford, Mass., assignor to Stokely Foods, Inc., Indianapolis, Ind. Reciprocating knife type cutting machine with discharge means. 2,541,907, Feb. 13.

April, Abe, Fine Furs, Incorporated, assignee: *See*—
Kempf, Herman H.

Aprile, George, Fair Lawn, N. J. Weighted footwear. 2,545,910, Mar. 20.

Aquanox Corporation, assignee: *See*—
Fuchs, Fritz E.

Aqua-Sportsman, Inc., assignee: *See*—
Pies, Othmar W.

Aquilla, John, Brooklyn, N. Y. Machine for producing display cards. 2,537,874, Jan. 9.

Arabian, Aram A., assignee: *See*—
Bagdigian, Nishan S.

Arabian, Karekin G., El Cerrito, assignor to Shell Development Company, San Francisco, Calif. Wax emulsion. 2,560,148, July 10.

Arabian, Karekin G., El Cerrito, and A. A. Schaerer, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Carnauba wax substitute. 2,546,328, Mar. 27.

Arabol Mfg. Co., The, assignee: *See*—
Erikson, Carl R.

Aram, Nathan W., Park Ridge, Ill., assignor to Zenith Radio Corporation. Subscriber television system. 2,567,539, Sept. 11.

Aram, Nathan W., Park Ridge, Ill., assignor to Zenith Radio Corporation. Subscriber signaling system. 2,570,187, Oct. 9.

Aram, Nathan W., Park Ridge, and J. E. Brown, Glencoe, Ill., assignors to Zenith Radio Corporation. Subscription type signaling system. 2,563,448, Aug. 7.

Aram, Nathan W., Park Ridge, and J. E. Brown, Glencoe, Ill., assignors to Zenith Radio Corporation. Subscription signaling system. 2,570,188, Oct. 9.

Arams, Alice F., assignee: *See*—
Bersteink, Ossip S.

Arant, Perry, assignor to Clayton Manufacturing Company, Alhambra, Calif. Heating coil. 2,570,630, Oct. 9.

Arant, Perry, assignor to Clayton Manufacturing Company, Alhambra, Calif. Steam generating apparatus. 2,574,368, Nov. 6.

Arant, Perry, assignor to Clayton Manufacturing Company, Alhambra, Calif. Steam generating apparatus. 2,576,988, Dec. 4.

Arant, Perry, San Gabriel, assignor to El Sereno Machine Works, Azusa, Calif. Portable mixing machine. 2,573,296, Oct. 30.

Arata, George V., assignor to The Pelton Water Wheel Company, San Francisco, Calif. Draft tube valve. 2,559,336, July 3.

Arbeit, Pierre, assignor to Societe Anonyme des Manufactures des Glaces et Produits Chimiques de Saint-Gobain, Chauny & Cirey, Paris, France. Electric glass furnace. 2,538,956, Jan. 23.

Arbit, Harry A.: *See*—
Burtner, Robert R., and Arbit.

Arbiter, Nathaniel, and O. E. Young, Morenci, Ariz., assignors to Phelps Dodge Corporation, New York, N. Y. Flotation recovery of molybdenite. 2,559,104, July 3.

Arbogast, Alfred C., assignor to Northern Indiana Brass Company, Elkhart, Ind. Method and apparatus for making pipe fittings. 2,557,403, June 19.

Arbogast, Fred A., deceased, Akron, Ohio, by N. E. Arbogast, executrix, assignor to Fred Arbogast and Company, Inc., Akron, Ohio. Artificial fish bait. 2,561,040, July 17.

Arbogast, Fred, and Company, Inc., assignee: *See*—
Arbogast, Fred A.

Arbogast, Nellie E., executrix: *See*—
Arbogast, Fred A.

Arcement, Louis M., New Orleans, La., assignor to The Patent and Licensing Corporation, New York, N. Y. Braking device for web handling apparatus. 2,561,165, July 17.

Archbold, Ralph L.: *See*—
Cockerill, Gerald I., and Archbold.

Archbold, Ralph L., Euclid, assignor to The Apex Electrical Manufacturing Company, Cleveland, Ohio. Self-cleaning lint trap for washing machines. 2,555,725, June 5.

Archbold, Ralph L., Euclid, assignor to The Apex Electrical Manufacturing Company, Cleveland, Ohio. Timing device. 2,566,014, Aug. 28.

Archbold, Ralph L., Euclid, assignor to The Apex Electrical Manufacturing Company, Cleveland, Ohio. Hydraulic counterweight. 2,578,278, Dec. 11.

Arbuckle, Donald F., assignee: *See*—
Royer, Leroy.

Archem Corporation, assignee: *See*—
Anderson, Philip C., and Rapp.

Archer-Daniels-Midland Company, assignee: *See*—
Condiff, Howard L.
Haas, Frank C., Hetchler, and Paradee.
Konen, James C., and Clocker.
Small, Elmer C.

Archer, Hugh M., and H. A. Boltz, Dearborn, Mich., assignors to General Electric Company. Brightness meter. 2,542,299, Feb. 20.

Archer, Irving M., Dallas, Tex., assignor to Campbell Taggart Research Corporation, Kansas City, Mo. Machine for panning bread and like doughs. 2,536,249, Jan. 2.

Archer, Irving M., Dallas, Tex., assignor to Campbell Taggart Research Corporation, Kansas City, Mo. Control mechanism for machines for panning bread and like doughs. 2,536,250, Jan. 2.

Archer, Paul, Deputy Public Trustee of the Public Trustee: *See*—
Macbeth, Colin.

Archer, Robert S., Raynham Center, Mass. Sheet stock support for shearing machines. 2,549,560, Apr. 17.

Archer Rubber Company, assignee: *See*—
Gowdy, William F.

Archer, Sydney: *See*—
Albertson, Noel F., and Archer.

Archer, Sydney, Albany, assignor to Sterling Drug Inc., New York, N. Y. Alkoxyalkyl esters of iodo-alkoxy substituted phenyl acetic acids. 2,548,852, Apr. 17.

Archer, Sydney, Albany, N. Y., assignor to Sterling Drug Inc., Wilmington, Del. Preparing iodinated amino benzoylamino alkanoic acids. 2,571,515, Oct. 16.

Archer, Sydney, Albany, N. Y., assignor to Sterling Drug Inc., Wilmington, Del. Alkoxyalkyl esters of monoiodo-monoalkoxybenzoic acids. 2,572,828, Oct. 30.

Archey, Jesse P., Jr., Floral Park, assignor to Car Cards, Inc., New York, N. Y. Animated display device. 2,540,469, Feb. 6.

Archibald, Francis M., Elizabeth, and H. O. Mottern, Hillside, N. J., assignors, by mesne assignments, to Standard Oil Development Company. Alcohol process. 2,543,820, Mar. 6.

Archibald, Francis M., Elizabeth, and V. F. Mistretta, Fanwood, N. J., assignors to Standard Oil Development Company. Regeneration of olefins from acid solutions. 2,563,686, Aug. 7.

Archidiacano, Nicholas, Boston, Mass. Nonrefillable container. 2,579,460, Dec. 25.

Arco Manufacturing Company, The, assignee: *See*—
Korsgren, Theodore Y.

Arco Company, The, assignee: *See*—
Bobalek, Edward G.

Ardell, Edgar: *See*—
Fischer, Paul E., and Ardell.
Holstebroe, Kaye, Ardell, and Kayser.

Ardell, Edgar, Middletown, assignor to Hartford-Empire Company, Portland, Conn. Sealing sheet applying apparatus. 2,543,220, Feb. 27.

Arden Farms Co., assignee: *See*—
Nielsen, Christian.

Arden, Thomas R., assignor to Bard-Parker Company, Inc., Danbury, Conn. Timing device. 2,557,626, June 19.

Arden, Thomas R., assignor to Bard-Parker Company, Inc., Danbury, Conn. Timing device. 2,574,314, Nov. 6.

Ardern, David B., Moylan, Pa., assignor to Houdry Process Corporation, Philadelphia, Pa. Processes employing fluent solids. 2,561,409, July 24.

Ardern, David B., Moylan, Pa., assignor to Houdry Process Corporation, Wilmington, Del. Processes employing fluent solids. 2,561,771, July 24.

Ardis, Alan E., Cuyahoga Falls, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Preparation of 1-acetoxy-1,1-dicyano ethane. 2,574,235, Nov. 6.

Ardis, Alan E., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Solution of a polymer of vinylidene cyanide in tetramethyl urea. 2,574,369, Nov. 6.

Ardis, Alan E., Cuyahoga Falls, and F. D. Stewart, Akron, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y. Preparation of 1-acetoxy-1,1-dicyano ethane. 2,574,234, Nov. 6.

Arditi, Maurice, assignor, by mesne assignments, to International Standard Electric Corporation, New York, N. Y. Cathode-ray tube circuit. 2,576,093, Nov. 27.

Arditi, Maurice, New York, I. H. Franzel and J. Feinstein, Brooklyn, assignors to Federal Telecommunication Laboratories, Inc., New York, N. Y. Demodulator system. 2,541,019, Feb. 13.

Ardito, James, Dunmore, Pa. Device for dispensing measured quantities of granular materials. 2,561,721, July 24.
Ardner, Frank J., Highland Park, Mich. Colostomy protector. 2,544,579, Mar. 6.
Ardron, Gerald L., Chicago, Ill., M. L. Dodge, and C. J. Chebuhar, Seattle, Wash., assignors to Continental Can Company, Inc., New York, N. Y. Siruping machine and siruping filled containers. 2,546,418, Mar. 27.
Arehart, David D., assignor to Palace Corporation, Flint, Mich. Trailer hitch. 2,546,206, Mar. 27.
Arenberg, Albert L., Highland Park, and E. C. Zimmerman, Winnetka, assignors to Patent License Corporation, Chicago, Ill. Reading light fixture for vehicle interior illumination. 2,552,389, May 8.
Arenberg, Albert L., Highland Park, and E. C. Zimmerman, Winnetka, assignors to Patent License Corporation, Chicago, Ill. Car lighting structure. 2,570,907, Oct. 9.
Arenberg, David L., Rochester, Mass., assignor, by mesne assignments, to the United States of America as represented by the Secretary of War. Absorbing means for delay lines. 2,577,500, Dec. 4.
Arenco Aktiebolag, assignee: *See*—
Danielsson, Paul.
Granstedt, Karl E.
Arends, Jacobus L., and E. H. Hugenholtz, Eindhoven, Netherlands, assignors to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Variable reactance and control device comprising such a reactance. 2,561,041, July 17.
Arens Controls, Inc., assignee: *See*—
Norton, Calhoun, and Hooker.
Arent, Arthur, Fort Dodge, Iowa. Steel plating method. 2,564,661, Aug. 21.
Areson, Carl W.: *See*—
Hanners, Harvey W., and Areson.
Arey, Ralph G., Swampscott, Mass. Repeating safety razor. 2,563,634, Aug. 7.
Argento, Henry F., Newtonville, assignor to Raytheon Manufacturing Company, Newton, Mass. Therapeutic device. 2,567,757, Sept. 11.
Argus Cameras, Inc., assignee: *See*—
Barnes, John W.
French, Hobert W., Jr.
Argus Chemical Laboratory, Inc., assignee: *See*—
Leistner, William E., Hecker, and Knoepke.
Argus, Incorporated, assignee: *See*—
Barnes, John W.
Wilkinson, Leonard A.
Aribert, Charles, assignor to Societe Francaise Sadir-Carpentier, Paris, France. Radio-guiding system. 2,578,961, Dec. 18.
Ariens Company, assignee: *See*—
Zorn, Allen O.
Arijoki, Torsti E., Helsinki, Finland. Cylindrical packing vessel. 2,569,088, Sept. 25.
Arisman, George M., Jr., assignor to U. S. Expansion Bolt Co., York, Pa. Expansion shield. 2,543,683, Feb. 27.
Arispe, Victor C., Los Angeles, Calif. Sandblast apparatus. 2,565,341, Aug. 21.
Arkell Safety Bag Company, assignee: *See*—
Doyle, James F.
Arkell & Smiths, assignee: *See*—
Grupe, William F., and Bamford.
Arkinstall, George R., Oakland, Calif. Flower collar. 2,553,953, May 22.
Arkless, Richard S., Billingham-on-Tees, England. Plastic welding device. 2,556,609, June 12.
Arlington Chair Company, assignee: *See*—
Keough, Patrick J.
Arliss, George J., Detroit, Mich. Bed guard. 2,567,047, Sept. 4.
Arma Corporation, assignee: *See*—
Agins, George.
Agins, George, and Miner.
Bock, Charles D.
Bock, Charles D., and Bonell.
Davis, Arthur P.
Armacost, Wilbur H., Scarsdale, assignor to Combustion Engineering-Superheater, Inc., New York, N. Y. Support for elements of superheaters and other heat exchangers. 2,560,063, July 10.
Armagost, Harold C., assignor to Electronic Timer Company, Inc., Temple City, Calif. Position indicator system for race contestant. 2,557,167, June 19.
Armantrout, Kenneth M., Muncie, Ind., assignor to Borg-Warner Corporation, Chicago, Ill. Transmission interlock mechanism. 2,548,761, Apr. 10.
Armbruster, Donald P.: *See*—
Taylor, Edward R., and Armbruster.
Armco Steel Corporation, assignee: *See*—
Bain, Fillmore F., and Broun.
Bissell, Herbert O.
Clarke, William C., Jr.
Clingan, Irvine C.
Cobb, Harold W.
Feild, Alexander L.
Freeze, Jonathan R.
Goller, George N.
Linnert, George E.
McNabb, Carlos, Whitley, and Morrow.
Armco Steel Corporation, assignee: *See*—Continued.
Millan, Edward N.
Shafer, George E.
Tanczyn, Harry.
Taylor, Charles R., and Staley.
Armenia, Giorgio, Rome, Italy. Collapsible case. 2,573,089, Oct. 30.
Armenti, James, Maplewood, N. J. Sewing machine. 2,550,322, Apr. 24.
Armington, George E.: *See*—
Armington, Raymond Q. and G. E.
Armington, George E., South Euclid, assignor to The Euclid Road Machinery Co., Euclid, Ohio. Tractor-trailer steering apparatus. 2,557,066, June 19.
Armington, Raymond Q., Shaker Heights, and G. E. Armington, South Euclid, assignors to The Euclid Road Machinery Co., Euclid, Ohio. Trailer leveling mechanism. 2,541,853, Feb. 13.
Armistead, Charles W., Shreveport, La. Opera glasses with film strip mounted thereon. 2,576,989, Dec. 4.
Armistead, William H, assignor to Corning Glass Works, Corning, N Y. Low-expansion lead-borosilicate glass of high chemical durability. 2,570,020, Oct. 2.
Armitage, Frank, J. A. Cottrell, and D. H. Hewitt, deceased, Homerton, London, England; E. Booth and R. H. Buckle, executors of D. H. Hewitt, assignors, by mesne assignments, to The Sherwin-Williams Company, Cleveland, Ohio. Polymerizable esters. 2,558,667, June 26.
Armitage, Frank L., Fall River, and E. N. Broden, Assonet, Mass., assignors to The Firestone Tire & Rubber Company, Akron, Ohio. Wheel polishing machine. 2,537,625, Jan. 9.
Armitage, Joseph B., Wauwatosa, assignor to Kearney & Trecker Corporation, West Allis, Wis. Positioning mechanism for machine tools. 2,560,149, July 10.
Armitage, Joseph B., Wauwatosa, J. B. Lukey, K. A. Riedel, and F. D. Boehmer, Milwaukee, assignors to Kearney & Trecker Corporation, West Allis, Wis. Machine-tool transmission and control mechanism. 2,548,188, Apr. 10.
Armitage, Joseph B., and A. O. Schmidt, Wauwatosa, assignors to Kearney & Trecker Corporation, West Allis, Wis. Cutting tool. 2,557,404, June 19.
Armitage, Joseph B., Wauwatosa, and O. W. Barker, Milwaukee, assignors to Kearney & Treckler Corporation, West Allis, Wis. Adjustable bearing. 2,557,405, June 19.
Armor Insulating Company, assignee: *See*—
Pope, Jesse C., and Tillinghast.
Armour and Company, assignee: *See*—
Barr, James A., Jr.
Coleman, Harold M., Steffen, and Hopkins.
Greer, Donald M., and Zink.
Harrington, Bertie S.
Harwood, James, and Du Brow.
Jordan, Wesley A., and Shapiro.
Kaiser, Emil.
Kaiser, Emil, and Svarz.
Kennedy, Eugene P., and Grossnickle.
Pool, William O., and Sedgwick.
Potts, Ralph H.
Potts, Ralph H., and Olson.
Ralston, Anderson W., Barrett, and Segebrecht.
Ralston, Anderson W., and Corley.
Ralston, Anderson W., and Crews.
Sifferd, Robert H., and Anderson.
Storrs, Arnold B.
Stow, Robert P.
Thede, Harold.
Turinsky, Otto.
Vander Wal, Robert J.
Vander Wal, Robert J., and Van Akkeren.
Weber, William F.
Zeigler, Albert H., and Harris.
Armour Research Foundation of Illinois Institute of Technology, assignee: *See*—
Camras, Marvin.
Camras, Marvin, and Zenner.
Fischer, John J., and Hadley.
Haloski, Walter J.
Kemp, Jay S.
Poulter, Thomas C.
Vagtborg, Harold A.
Wiegand, David E.
Zenner, Raymond E.
Arms, Merton H., assignor to Bryant Chucking Grinder Company, Springfield, Vt. Diaphragm chuck. 2,538,289, Jan. 16.
Arms, Merton H., and P. A. Grobey, assignors to Bryant Chucking Grinder Company, Springfield, Vt. Carriage reciprocating mechanism. 2,563,301, Aug. 7.
Armstead, Floyd P., Shelton, Wash. Three-dimensional mathematical demonstrator. 2,573,946, Nov. 6.
Armston, W. H., Company, Inc., assignee: *See*—
Rowe, Elbert E.
Armstrong, Arthur D.: *See*—
Porter, Percy L., and Armstrong.
Armstrong, Charles E., Oakwood, Okla. Trap. 2,559,924, July 10.
Armstrong, Charles E., assignor to Electric Controls Inc., Portland, Oreg. Controlling temperature from a plurality of remote points or zones. 2,560,322, July 10.

Armstrong, Charles E., assignor to Electric Controls Inc., Portland, Oreg. Multiple step line switch load limiting relay. 2,568,700, Sept. 25.
Armstrong Cork Company, assignee: *See*—
Adams, Harold E.
Auman, James D.
Austin, Chester R.
Baymiller, John W.
Benner, Joseph A.
Berger, John L.
Counsellor, Edward D., Jr.
Dunlap, Lawrence H., and Sievert.
Hazeltine, James E., Jr., and Carr.
Hill, Ralph M.
Kelley, Addison W.
Kocher, Daniel W.
Koehm, George W., and Myers.
Kyle, Joseph H.
Lamb, William J.
Lescallette, Richard F.
Mason, John P.
McGarvey, Alan R.
Metzler, Aaron R.
Portser, Charles H., Jr.
Potter, George P.
Powers, Paul O.
Stubblebine, Warren.
Weaver, Harold E., and King.
Weidner, Arthur W.
Wiley, John W.
Wilson, Gardiner C.
Armstrong, Daniel A., assignor to Scott-Atwater Manufacturing Company, Minneapolis, Minn. Handle structure for starting devices. 2,536,118, Jan. 2.
Armstrong, Daniel A., assignor to Scott-Atwater Manufacturing Company, Minneapolis, Minn. Pump structure for outboard motors. 2,548,762, Apr. 10.
Armstrong, Daniel A., W. J. Raleigh, and J. C. Bandli, assignors to Scott-Atwater Manufacturing Company, Minneapolis, Minn Magneto structure and making the same. 2,568,579, Sept. 18.
Armstrong, Edward T., Columbus, assignor, by mesne assignments, to Stacey Brothers Gas Construction Company, Cincinnati, Ohio. Seal for fluid containers. 2,571,817, Oct. 16.
Armstrong, Edwin H., New York, N. Y. Frequency-modulated carrier signal receiver. 5,240,643, Feb. 6.
Armstrong, Eldon L.: *See*—
Carmichael, Emmett S., and Armstrong.
Armstrong, Ernest, Camden, N. J. Journal lubricator. 2,556,513, June 12.
Armstrong, Ernest, Pennsauken, N. J. Car journal lubricator. 2,538,075, Jan. 16.
Armstrong, Frank C., Greenwich, F. J. Lauterbach, Woodhaven, and W. Lillvik, Forest Hills, N. Y., and J. S. Popper, Elizabeth, N. J., said Armstrong, said Lauterbach, and said Lillvik assignors to American Telephone and Telegraph Company. Holder for books. 2,552,704, May 15.
Armstrong, George A., Vancouver, British Columbia, Canada. Phase angle and power factor meter. 2,577,992, Dec. 11.
Armstrong, George C., Buffalo, N. Y., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Protective relay for alternating current. 2,545,984, Mar. 20.
Armstrong, George C., Buffalo, and R. T. Basnett, Kenmore, N. Y., and D. E. Beaver, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Thermostatic overload relay. 2,571,812, Oct. 16.
Armstrong, Helene H., assignee: *See*—
Heber, Michael.
Armstrong, Herbert L., Harrington, Wash. Baled hay loader. 2,556,409, June 12.
Armstrong, J. B., and A. M. Sheldon, Chehalis, Wash. Bobby pin support and opener. 2,551,991, May 8.
Armstrong, James G., assignor to A. B. Chance Company, Centralia, Mo. High-voltage electric switch. 2,566,917, Sept. 4.
Armstrong, John E., El Cerrito, and F. Jacuzzi, Berkeley, Calif., assignors to Jacuzzi Bros., Incorporated. Submersible pump assembly. 2,577,559, Dec. 4.
Armstrong, John H.: *See*—
Shreeve, Charles A., Jr., Armstrong, and Fishkin.
Armstrong, John R., London, Ontario, Canada. Locking device for gate hinges of a motor-truck body. 2,548,189, Apr. 10.
Armstrong, John W.: *See*—
Frank, Bernard E., and Armstrong.
Armstrong, John W., and B. E. Frank, Rochester, N. Y., assignors to General Motors Corporation, Detroit, Mich. Tube-bending apparatus. 2,565,940, Aug. 28.
Armstrong, Leland R.: *See*—
Henry, Edward C., Leech, and Armstrong.
Armstrong, Merwin, Hinsdale, Ill. Boom. 2,545,937, Mar. 20.
Armstrong, Norman F., and J. A. Tweddell, Newcastle-on-Tyne, assignors to The Crown Cork Company Limited, Southall, England. Article spacing means. 2,549,281, Apr. 17.
Armstrong, Ray, McKeesport, Pa. Folding ball game board. 2,565,584, Aug. 28.
Armstrong Riding Car Operator Corp., assignee: *See*—
Armstrong, Westropp.
Armstrong Siddeley Motors Limited, assignee: *See*—
Allen, Sidney.
Allen, Sidney, and Stokes.
Clark, Thomas.
Clark, Thomas, and Atkins.
Lindsey, William H.
Armstrong, Victor C., Short Hills, N. J., assignor, by mesne assignments, to Poor & Company, Chicago, Ill. Rail anchor. 2,571,648, Oct. 16.
Armstrong, Werner E., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Automatic choke control for internal-combustion engines. 2,548,334, Apr. 10.
Armstrong, Westropp, Philadelphia, Pa., assignor to Armstrong Riding Car Operator Corp., Chicago, Ill. Elevator closure operating mechanism. 2,578,459, Dec. 11.
Armstrong, Zenas A.: *See*—
Woodside, Charles E., Smith, Woodside, and Armstrong.
Army, United States of America as represented by the Secretary of the, assignee: *See*—
Bartlett, Paul D., and Dauben.
Bartlett, Paul D., and Ross.
Bartlett, Paul D., and Schneider.
Bartlett, Paul D., and Woods.
Dixon, Paul H.
Drake, Nathan L., and Weaver.
Ellis, Grenville B.
Ellsworth, Louis D., and Washburn.
Ercolino, Michael.
Fox, Nelson.
Franklin, Philip J.
Gardner, Irvine C.
Gates, Marshall.
Kennedy, Edward P.
Michel, Joseph M., and Hager.
Milton, Clare L., Jr.
Milton, Clare L., Jr., and Nielson.
Motley, Lewis.
Newman, Melvin S.
Rabinow, Jacob.
Silverman, Daniel.
Sloan, David H.
Stiber, Samuel.
Tykulsky, Alexander.
Armzen Company, assignee: *See*—
Sendzimir, Tadeusz, and Eckert.
Arnall, Paul E., assignee: *See*—
Avery, William L.
Arndt, John P., Oak Park, Ill., assignor to Charles Bruning Company, Inc., New York, N. Y. Variable power transmission mechanism. 2,548,854, Apr. 17.
Arndt, Otto Harold: *See*—
Eserkaln, Theodore F., Steinbrecker, and Arndt.
Arne, Christian, Chicago, Ill., assignor to Chicago Bridge & Iron Company. Liquid storage tank. 2,537,954, Jan. 16.
Arne, Christian, Chicago, Ill., assignor to Chicago Bridge & Iron Company. Stabilizing means for lifter roof tanks. 2,578,658, Dec. 18.
Arner, George R., Sr., Cornwells Heights, Pa. Hoisting apparatus. 2,574,236, Nov. 6.
Arneson, Edwin L., Morris, assignor to Morris Paper Mills, Chicago, Ill. Bottle carrier. 2,537,614, Jan. 9.
Arneson, Edwin L., Morris, assignor to Morris Paper Mills, Chicago, Ill. Bottle carrier. 2,537,615, Jan. 9.
Arneson, Edwin L., Morris, assignor to Morris Paper Mills, Chicago, Ill. Article carrier. 2,543,821, Mar. 6.
Arneson, Stanley E., Annadale, N. Y. Cigarette tip attachment. 2,542,612, Feb. 20.
Arneson, Theodore J., Jr., Minneapolis, Minn. Orthoptic apparatus. 2,545,333, Mar. 13.
Arnim, Benjamin F.: *See*—
Lyon, Leonidas N., Jr., and Arnim.
Arnold, Archie T.: *See*—
Roebuck, Alvah C., Jr., and Arnold.
Arnold, Arthur F., United States Coast Guard. Sleeve type relief valve. 2,573,680, Nov. 6.
Arnold, Berel A., Brighton, and E. K. Renz, Dedham, Mass., assignors to Knight Leather Products, Inc. Semistiff walled toilet case. 2,561,042, July 17.
Arnold, Charles D., Dunkirk, N. Y. Container holder. 2,568,266, Sept. 18.
Arnold, Edgar E.: *See*—
Zenke, Herbert J., and Arnold.
Arnold, Edward F., New York, N. Y. Cutting device. 2,573,381, Oct. 30.
Arnold, Elby N., Lawndale, Calif. Contractible awning. 2,568,048, Sept 18.
Arnold, Fred J., assignor to Illinois Fannie May Candy Company, Chicago, Ill. Candy package and preserving candy. 2,571,516, Oct. 16.
Arnold, George B.: *See*—
Hess, Howard V., and Arnold.
Arnold, George B., Glenham, N. Y., and H. V. Hess, Charleston, W. Va., assignors to The Texas Company, New York, N. Y. Separation of a heterogeneous mixture of compounds. 2,539,393, Jan. 30.
Arnold, George B., Glenham, N. Y., and H. V. Hess, Charleston, W. Va., assignors to The Texas Company, New York, N. Y. Separating aldehydes from a mixture of organic compounds. 2,539,394, Jan. 30.

Arnold, George B., Glenham, and H. V. Hess, Beacon, assignors to The Texas Company, New York, N. Y. Manufacturing hydrocarbons and alcohols. 2,542,454, Feb. 20.
Arnold, George B., Glenham, and W. E. Skelton, Beacon, assignors to The Texas Company, New York, N. Y. Refining oil with a solvent. 2,567,172, Sept. 11.
Arnold, George B., Glenham, N. Y., and H. V. Hess, Charleston, W. Va., assignors to The Texas Company, New York, N. Y. Synthesizing gasoline hydrocarbons. 2,568,841, Sept. 25.
Arnold, Gerald D., Wauwatosa, Wis. Drier and cooler for grain or the like. 2,552,835, May 15.
Arnold, Grace, executrix: *See*—
Arnold, John W.
Arnold, Harold W., Claymont, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Cyclohexyl-substituted alpha,-omega-glycols and preparing them. 2,555,912, June 5.
Arnold, Herrick R., Wilmington, and J. E. Carnahan, New Castle, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Catalytic rearrangement of pinene to camphene. 2,571,997, Oct. 23.
Arnold, Herrick R., Wilmington, and J. E. Carnahan, New Castle, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Metal molybdites and their preparation. 2,572,300, Oct. 23.
Arnold, Howard H., Winston-Salem, N. C., assignor to Western Electric Company, Incorporated, New York, N. Y. Peak reading vacuum tube voltmeter. 2,565,542, Aug. 28.
Arnold, Israel I., Newtonville, Mass. Making moccasin sock-type slippers. 2,541,020, Feb. 13.
Arnold, Jerome H., Albany, assignor to California Research Corporation, San Francisco, Calif. Production of para xylene. 2,541,682, Feb. 13.
Arnold, John T., Camden, Ark. Fluid measuring and dispensing device. 2,570,745, Oct. 9.
Arnold, John W., deceased; by G. Arnold, executrix, San Francisco, Calif., assignor by decree of distribution to G. Arnold. Lubricator with adjustable oil feeder for pneumatic tools. 2,571,098, Oct. 16.
Arnold, Lionel K., assignor to Iowa State College Research Foundation, Ames, Iowa. Drying equipment. 2,554,769, May 29.
Arnold, Orlan M., Grosse Pointe Park, Mich. Producing a plastic composition from waste nylon fibers. 2,550,650, Apr. 24.
Arnold, Orlan M., Grosse Pointe Park, Mich. Forming thin flexible polyamide articles. 2,562,373, July 31.
Arnold, Orlan M., Troy, N. Y. Welding bodies. 2,575,251, Nov. 13.
Arnold, Paul F., Hempstead, N. Y., assignor to The Sperry Corporation. Motor speed control. 2,568,701, Sept. 25.
Arnold, Philip M., Bartlesville, Okla., assignor to Phillips Petroleum Company. Continuous extractive crystallization process. 2,540,083, Feb. 6.
Arnold, Philip M., Bartlesville, Okla., assignor to Phillips Petroleum Company. Continuous fractional crystallization process. 2,540,977, Feb. 6.
Arnold, Philip M., Bartlesville, Okla., assignor to Phillips Petroleum Company. Conversion of ortho tertiary alkyl phenols to para tertiary alkyl phenols. 2,553,538, May 22.
Arnold, Philip M., Bartlesville, Okla., assignor to Phillips Petroleum Company. Manufacture of alkyl sulfenyl trithiocarbonates. 2,574,457, Nov. 13.
Arnold, Prescott N.: *See*—
Hayes, Harvey C., and Arnold.
Arnold, Raymond, Los Angeles, Calif. Feeding apparatus for fowl. 2,536,621, Jan. 2.
Arnold, Robert B., Richmond, Va., and A. L. Galloway, assignors to Tobacco By-Products and Chemical Corporation, Louisville, Ky. Carrier and filler material. 2,547,730, Apr. 3.
Arnold, Robert C., Bryan, Ohio. Preparation of fluorine compounds. 2,560,838, July 17.
Arnold, Ross H.: *See*—
Sturm, Frederick W., and Arnold.
Arnold, Walter E., and G. R. Caton, Crockett, Tex. Feed works for sawmills. 2,569,794, Oct. 2.
Arnold, Walter P.: *See*—
Denig, Fred, and Arnold.
Arnold, William A., Oak Ridge, Tenn., assignor, by mesne assignments, to the United States of America as represented by the United States Atomic Energy Commission. Pressure measuring device. 2,577,066, Dec. 4.
Arnolt Corporation, assignee: *See*—
Brown, William N.
Meek, Charles E., Jr., and Brown.
Arnot & Company, Inc., assignee: *See*—
Reed, Stanley F.
Aro Equipment Corporation, The, assignee: *See*—
Hill, Leo D.
Gabriel, Charles P., and Marette.
Ginter, Charles W.
Walker, Phillip H.
Aronov, Aaron M., assignor to Fabrics, Inc., Montgomery, Ala. Seat cushion for tractors. 2,551,084, May 1.
Aronson, Alexander H.: *See*—
Harris, Alexander, Aronson, and Burchett.
Aronson, Milton H.: *See*—
Ryerson, Clifford M., Aronson, and Erath.
Aronson, Theodore F.: *See*—
Halahan, John, Lyon, Mortimer, and Aronson.
Arp, Ewald A., assignor to Tobin-Arp Manufacturing Company, Minneapolis, Minn. Offset contact alignment indicator. 2,573,531, Oct. 30.
Arp, Ewald A., assignor to Tobin-Arp Manufacturing Company, Minneapolis, Minn. Self-aligning bearing. 2,573,532, Oct. 30.
Arpin, Edmund P., Jr., Neenah, Wis. Rotary refiner. 2,566,869, Sept. 4.
Arpin, Leon G., Jr., Montclair, N. J. Mobile fuel carrier or the like. 2,548,190, Apr. 10.
Arps, Bruno F., New Holstein, Wis. Reverse scoop attachment for tractors. 2,548,461, Apr. 10.
Arps, Bruno F., New Holstein, Wis. Snow and dirt moving and terracing attachment for tractors. 2,560,711, July 17.
Arps, Jan J., Tulsa, Okla., and O. W. Ward, Los Angeles, Calif. Continuous electric logging while drilling. 2,557,168, June 19.
Arps, Mervin W., Arlington, Va. Film viewer. 2,553,160, May 15.
Arrasmith, Lois V., Spokane, Wash. Infant harness. 2,570,631, Oct. 9.
Arrigoni, Mike A., St. Paul, Minn. Jig and carrier for building blocks. 2,569,966, Oct. 2.
Arrow Engineering & Chemical Company, assignee: *See*—
Howard, Arthur G.
Arrow Fastener Co., Inc., assignee: *See*—
Berger, George.
Arrow-Hart & Hegeman Electric Co., The, assignee: *See*—
Bentley, Robert H.
Gates, Frederic P.
Schleicher, Harold E.
Arrow Industrial Manufacturing Company, assignee: *See*—
Matheny, William F.
Arrow Products, assignee: *See*—
Woldring, Egbert.
Arrowhead Rubber Company, assignee: *See*—
Greenwald, Fred A.
Arsem, William C., Bethesda, Md. Automatic radiator shutter. 2,551,921, May 8.
Arsenault, Elodie M., Brunswick, Maine. Hair curler. 2,567,503, Sept. 11.
Arsenault, James R., assignor to O. L. Buell, Worcester, Mass. Child's bib. 2,569,915, Oct. 2.
Art Electrotype Company, The, assignee: *See*—
Schwarz, Howard G.
Schwarz, Howard G., and Bures.
Art Lines, Inc., assignee: *See*—
Schmitt, Roland G.
Art Metal Construction Company, assignee: *See*—
Addington, Loyal R.
Bloomstran, Floyd H.
Jones, James R., and Bloomstran.
Skar, John G. L.
Art Rattan Works, Inc., assignee: *See*—
Bartholomew, Arthur W.
Artale, Frank, Brooklyn, N. Y. Toothbrush having removable bristle element. 2,558,332, June 26.
Arter, Charles K., Jr., Shaker Heights, Ohio. Fluid power actuated hand clamp. 2,552,304, May 8.
Arth, Glen E.: *See*—
Harris, Stanton A., Mozingo, Arth, and Folkers.
Arthuis, Albert R., Paris, France. Machine for testing tensile, compressive, bending, shearing, etc., strength of metals or other materials. 2,577,944, Dec. 11.
Arthur, Evan M., West Heath, Birmingham, England. Riveting device with pressure and striker elements. 2,560,623, July 17.
Arthur, John R., assignor to Lisle Corporation, Clarinda, Iowa. Glaze breaker. 2,549,043, Apr. 17.
Arthur, Oscar F., Connellsville, assignor to Tri-State Engineering Company, Washington, Pa. Pallet. 2,554,355, May 22.
Arthur, Oscar F., Connellsville, assignor to Tri-State Engineering Company, Washington, Pa. Sectional flooring, decks, and racks. 2,565,292, Aug. 21.
Arthur, Paul, Jr., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Modified azo dyestuffs. 2,540,705, Feb. 6.
Arthur, Paul, Jr., and B. C. Pratt, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Hydrocyanation of conjugated diolefinic compounds. 2,571,099, Oct. 16.
Arthur, Richard P.: *See*—
Bellamy, John I., and Arthur.
Earle, Edwin L., Arthur, and Bellamy.
Arthur, Richard P., assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Telephone finger wheel support. 2,571,649, Oct. 16.
Arthur, Richard P., Des Plaines, assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Crossbar switch. 2,577,067, Dec. 4.
Arthur, Robert A., Culver City, assignor to The Garrett Corporation, Los Angeles, Calif. Regulator rate of change mechanism. 2,556,159, June 12.
Arthur, Robert A., Los Angeles, Calif., assignor to The Garrett Corporation. Control for cabin pressure regulators. 2,578,773, Dec. 18.
Arthur, Robert L., Ramona, Calif. Ice cream dispenser. 2,559,840, July 10.

Artifax, Inc., assignee: *See*—
Bender, Robert J.
Artificial Insemination Supply Company, assignee: *See*—
Coles, John H., and Davies.
Artis, Samuel W., Boise, Idaho. Damper. 2,557,213, June 19.
Artkraft Manufacturing Corporation, assignee: *See*—
Money, Roland H.
Artos Engineering Company, assignee: *See*—
Andren, Karl H.
Artzt, Maurice, Princeton, N. J., assignor to Radio Corporation of America. Line delay in facsimile. 2,564,556, Aug. 14.
Artzt, Maurice, Princeton, N. J., assignor to Radio Corporation of America. Electronic circuit arrangement. 2,568,533, Sept. 18.
Artzt, Maurice, and C. J. Young, Princeton, N. J., assignors to Radio Corporation of America. Facsimile system and apparatus. 2,569,648, Oct. 2.
Artzt, William W., New Rochelle, N. Y. Wearing apparel and making the same. 2,575,700, Nov. 20.
Artzt, William W., New Rochelle, N. Y. Nether undergarment for men. 2,575,701, Nov. 20.
Arundale, Erving: *See*—
Swaney, Miller W., and Arundale.
Arundale, Erving, Westfield, N. J., assignor to Standard Oil Development Company. Separation of olefins from hydrocarbon distillates containing aromatics. 2,569,216, Sept. 25.
Arundale, Erving, and L. A. Mikeska, Westfield, N. J., assignors to Standard Oil Development Company. Production of high quality petroleum products. 2,567,173, Sept. 11.
Arundale, Erving, and J. P. Haworth, Westfield, N. J., assignors to Standard Oil Development Company. Improving stability and engine cleanliness characteristics of petroleum fractions. 2,567,174, Sept. 11.
Arundale, Erving, Westfield, N. J., and E. E. Juterbock, Staten Island, N. Y., assignors to Standard Oil Development Company. Desulfurization and sweetening of virgin distillates with an aldehyde. 2,567,175, Sept. 11.
Arundale, Erving, Westfield, and J. P. Thorn, Cranford, N. J., assignors to Standard Oil Development Company. Treatment of petroleum distillates. 2,575,989, Nov. 20.
Arutunoff, Armais, Bartlesville, Okla. Side drill. 2,539,047, Jan. 23.
Arutunoff, Armais, Bartlesville, Okla. Motor-driven pumping apparatus for wells. 2,539,048, Jan. 23.
Arutunoff, Armais, assignor to Reda Pump Company, Bartlesville, Okla. Protecting unit for oil filled submergible motors. 2,569,741, Oct. 2.
Arvedlund, Knud E., Lyngby, assignor to K. A. Hartmann, Copenhagen, Denmark. Spray painting apparatus. 2,579,357, Dec. 18.
Arveson, Maurice H., Flossmoor, assignor to Standard Oil Company, Chicago, Ill. Processing carbonaceous solids. 2,560,403, July 10.
Arvey Corporation, assignee: *See*—
Roach, Earl M.
Arvidson, Johan V.: *See*—
Strickland, Royce M., and Arvidson.
Arvidsson, Algot: *See*—
Lamm, Uno, and Arvidsson.
Arvidsson, Algot, Ludvika, and S. Johansson, Stockholm, assignors to Allmänna Svenska Elektriska Aktiebolaget, Vasteras, Sweden. Lighting regulation system for theater lighting and the like. 2,539,111, Jan. 23.
Arvin Industries, Inc., assignee: *See*—
Booth, Earl C.
Arvins, Nathan A.: *See*—
Arvintz, Abraham A., Arvins, and Arvintz.
Arvintz, Abraham A., N. A. Arvins, Brooklyn, and R. A. Arvintz, New York, assignors to Reliable Products Manufacturing Co., Inc., Brooklyn, N. Y. Fluid preheating and dispensing apparatus. 2,565,543, Aug. 28.
Arvintz, Robert A.: *See*—
Arvintz, Abraham A., Arvins, and Arvintz.
Asadorian, Arthur A.: *See*—
Lake, Douglas E., and Asadorian.
Asaff, Annis G., Auburndale, and W. W. Donelson, Plympton, assignors, by mesne assignments, to Callaghan Hession Corporation, Boston, Mass. Ethyl cellulose and resinous composition. 2,544,247, Mar. 6.
Asaro, Vito: *See*—
Clark, William A., and Asaro.
Asaro, Vito, assignor to L. A. Young Spring & Wire Corporation, Detroit, Mich. Spring cushion structure. 2,538,855, Jan. 23.
Asay, Lillian M., Camden, N. J. Glare eliminating lamp unit. 2,544,439, Mar. 6.
Asbury, Charles T., Fort Lauderdale, Fla. Apparatus for dispensing materials. 2,573,784, Nov. 6.
Aschaffenburger Zellstoffwerke, Aktiengesselschaft, assignee: *See*—
Lagally, Paul.
Aschbacher, Frederick E., Wilmette, Ill. Liquid timer. 2,540,502, Feb. 6.
Aschbrenner, Henry R., Westgate, Iowa. Carrying container. 2,549,282, Apr. 17.
Aschman, Paul F.: *See*—
Tea, Clark A., and Aschman.
Aschner, Thomas C., assignor to Smith, Kline & French Laboratories, Philadelphia, Pa. Stabilized iodoxy benzoic compounds and the producing. 2,566,592, Sept. 4.
Aseltine, Fred E.: *See*—
Jorgensen, Clarence H., and Aseltine.
Ash, Charles S., Milford, Mich. Dual wheel assembly. 2,536,119, Jan. 2.
Ash, Charles S., Milford, Mich. Vehicle wheel. 2,537,180, Jan. 9.
Ash, Charles S., Milford, Mich. Vehicle wheel. 2,537,181, Jan. 9.
Ash, Charles S., Milford, Mich. Vehicle wheel. 2,540,316, Feb. 6.
Ash, Charles S., Milford, Mich. Vehicle wheel. 2,542,455, Feb. 20.
Ash, Charles S., Milford, Mich. Vehicle wheel. 2,543,346, Feb. 27.
Ash, Charles S., Milford, Mich. Vehicle wheel. 2,545,130, Mar. 13.
Ash, Charles S., Milford, Mich. Vehicle wheel. 2,548,928, Apr. 17.
Ash, Charles S., Milford, Mich. Vehicle wheel. 2,548,929, Apr. 17.
Ash, Charles S., Milford, Mich. Barn. 2,549,155, Apr. 17.
Ash, Charles S., Milford, Mich. Vehicle wheel. 2,551,783, May 8.
Ash, Charles S., Milford, Mich. Vehicle wheel. 2,552,081, May 8.
Ash, Charles S., Milford, Mich. Vehicle wheel. 2,552,082, May 8.
Ash, Charles S., Milford, Mich. Vehicle wheel. 2,553,161, May 15.
Ash, Clifford L., Sellersburg, Ind. Quick-release fastener. 2,563,809, Aug. 14.
Ashbaugh, John H., Mansfield, and E. R. Wolfert, Springfield, Ohio, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Waste disposal apparatus. 2,544,745, Mar. 13.
Ashbaugh, Norman R., Wichita, Kans. Hydraulic selector valve. 2,578,334, Dec. 11.
Ashby, Carl T., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Gas heat exchanger and condensate precooler. 2,536,342, Jan. 2.
Ashcraft, Joe P., Dallas, Tex., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Safety gas valve. 2,562,289, July 31.
Ashcraft, William H.: *See*—
Mann, Ralph C., and Ashcraft.
Ashcroft, Donald G., Saltcoats, Scotland, assignor to Imperial Chemical Industries Limited. Electric igniter for use in electric initiating devices. 2,577,501, Dec. 4.
Ashcroft, Donald G., Saltcoats, and I. F. Stewart, Kilwinning, Scotland, assignors to Imperial Chemical Industries Limited. Machine for testing and classifying tubes closed at one end. 2,548,645, Apr. 10.
Ashdowne, James S., assignor to Jos. Buegeleisen Co., Detroit, Mich. Motorcycle saddlebag mounting. 2,553,739, May 22.
Ashdowne, James S., assignor to Joseph Buegeleisen Co., Inc., Detroit, Mich. Saddle bag mounting for motorcycles. 2,577,560, Dec. 4.
Asher, Norman J., assignor to M. F. Umstead, Detroit, Mich. Hose holder. 2,536,341, Jan. 2.
Ashford, Walter R., Guelph, Ontario, Canada, assignor to United States Rubber Company, New York, N. Y. Manufacture of 8-hydroxy quinoline. 2,561,553, July 24.
Ashford, Walter R., and R. W. Beattie, Guelph, Ontario, Canada, assignors to United States Rubber Company, New York, N. Y. Preparation of alkyl-nitroaryl ethers. 2,545,597, Mar. 20.
Ashkenas, Irving L., Beverly Hills, assignor to Northrop Aircraft, Inc., Hawthorne, Calif. Controlling wing tip stall in airplanes. 2,549,045, Apr. 17.
Ashkenas, Irving L., Los Angeles, assignor to Northrop Aircraft, Inc., Hawthorne, Calif. Fully powered airplane control system. 2,559,817, July 10.
Ashkenas, Irving L., Beverly Hills, and T. A. Feeney, Los Angeles, assignors to Northrop Aircraft, Inc., Hawthorne, Calif. Roll control. 2,549,044, Apr. 17.
Ashland Oil and Refining Company, assignee: *See*—
Blazer, Paul G., Leas, and Humphreys.
Ashley, Allen O., Reno, Nev. Collar clip. 2,562,519, July 31.
Ashley, Carlyle M., Fayetteville, assignor to Carrier Corporation, Syracuse, N. Y. Air-conditioning method. 2,567,758, Sept. 11.
Ashley, Harry K., San Leandro, Calif. Rack for publications. 2,546,419, Mar. 27.
Ashley, John W., and J. F. Leahy, Beverly, Mass., assignors to United Shoe Machinery Corporation, Flemington, N. J. Heel slotting machine. 2,572,091, Oct. 23.
Ashley, Kenneth D., and S. Mason, Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Aluminum soap compositions and greases containing them. 2,555,104, May 29.
Ashley, Kenneth D., and W. B. Innes, Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Preparation of an iron oxide-magnesium chromate catalyst. 2,567,140, Sept. 4.

Ashley, Mervin F., Arlington, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Magnetic welt holddown. 2,579,896, Dec. 25.
Ashley, Merwin F., Arlington, and E. W. Fearing, Quincy, Mass., assignors to United Shoe Machinery Corporation, Flemington, N. J. Carpet sewing machine. 2,575,327, Nov. 20.
Ashlock, George W., Jr., Oakland, Calif. Cherry pitter. 2,558,205, June 26.
Ashlock, George W., Jr., Oakland, Calif. Machine for stuffing olives. 2,567,590, Sept. 11.
Ashlock, George W., Jr., Oakland, Calif. Machine for pitting cherries. 2,567,591, Sept. 11.
Ashlock, George W., Jr., Oakland, Calif. Apparatus and method for the preparation of pimento. 2,578,496, Dec. 11.
Ashman, Joseph L., Indianapolis, Ind. Instrument panel clamping bracket for adjusting automobile trays. 2,549,753, Apr. 24.
Ashmead, Frances O., assignee: *See*—
Ashmead, Harry L.
Ashmead, Harry L., Yountville, Calif., assignor of fifty per cent to F. O. Ashmead, Douglas, Wyo. Nail file vibrator device. 2,544,248, Mar. 6.
Ashmore, Leon H.: *See*—
Ferst, Monie A., Ashmore, and Sugarman.
Ashton, Albert A., and J. A. Amerman, Houston, Tex., assignors to Emsco Derrick & Equipment Company, Los Angeles, Calif. Preselective and actuating mechanism for selective speed transmissions. 2,556,834, June 12.
Ashton, Benjamin N., assignor to Electrol Incorporated, Kingston, N. Y. Inlet water valve for automatic washing machines. 2,562,875, Aug. 7.
Ashton, Benjamin N., assignor to Electrol Incorporated, Kingston N Y Valve 2,569,967, Oct. 2.
Ashton, Benjamin N., assignor to Electrol Incorporated, Kingston, N. Y. Pressure fluid type follow-up servomotor. 2,572,902, Oct. 30.
Ashton, Benjamin N., assignor to Electrol Incorporated, Kingston, N. Y. Locking and pressure release mechanism for hydraulic motors. 2,576,554, Nov. 27.
Ashton, Benjamin N., and E. V. Barkow, assignors to Electrol Incorporated, Kingston, N. Y. Portable hydraulic press. 2,536,709, Jan. 2.
Ashton, Benjamin N., and E. V. Barkow, assignors to Electrol Incorporated, Kingston, N. Y. Follow-up valve. 2,556,746, June 12.
Ashton, Edward H., Jersey City, and A. N. Zwanziger, Maplewood, assignors, by mesne assignments, to Steel and Alloy Tank Company, Newark, N. J. Picker stick check. 2,557,023, June 12.
Ashton, Everett H. *See*—
Rinne, John, Ashton, Mallard, and Lake.
Ashton, Everett H., Jersey City, N. J., and R. G. Mallard, New York, N. Y., assignors, by mesne assignments, to Steel and Alloy Tank Company, Newark, N. J. Loom lay. 2,557,044, June 12.
Ashton, George, Los Angeles, Calif. Continuous cooking apparatus. 2,549,283, Apr. 17.
Ashton, George W., Sheffield, assignor to Samuel Fox and Company Limited, near Sheffield, England. Heat treatment of strip metals. 2,576,169, Nov. 27.
Ashton, Ralph E., Arvada, Colo. Tap guide. 2,554,770, May 29.
Ashton, Richard A., assignor to Seneca Falls Machine Company, Seneca Falls, N. Y. Power-driven clutch-engaging mechanism. 2,536,588, Jan. 2.
Ashton, Richard A., assignor to Seneca Falls Machine Company, Seneca Falls, N. Y. Automatic loading mechanism for continuously rotated chucks. 2,546,684, Mar. 27.
Ashton, Richard A., assignor to Seneca Falls Machine Company, Seneca Falls, N. Y. Safety device for rotated shafts. 2,546,685, Mar. 27.
Ashwood, Peter F.: *See*—
Walker, Daniel N., Ashwood, and Cowan.
Ashworth, Eva T., administratrix: *See*—
Ashworth, Joseph A., and Bostwick.
Ashworth, Fred, Wenham, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Locking thread supply case for sewing machines. 2,578,659, Dec. 18
Ashworth, Joseph A., deceased, by E. T. Ashworth, administratrix, Bernardsville, and L. G. Bostwick, Florham Park, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Temperature compensated resonant vibrating system. 2,579,289, Dec. 18.
Ashworth, Joseph L., Worcester, Mass. Swinging frame band-sawing machine. 2,556,670, June 12.
Ashworth, Marjorie E., Upper Montclair, and P. S. Ciccone, West Orange, N. J. Wheeled toy. 2,567,462, Sept. 11.
Ashworth, Rawden, Greenmount, near Bury, England. Attachment of soles to footwear. 2,578,218, Dec. 11.
Ashworth, Roy A., assignee: *See*—
Price, Albert O.
Askania Regulator Company, assignee: *See*—
Glass, Paul.
Gundersen, Daniel T., and Weinecke.
Houk, Warren E.
Askania Regulator Company, assignee: *See*—Continued.
Runyan, Raymond A.
Ziebolz, Herbert.
Ziebolz, Herbert, and Glass.
Aske, Leonard E., Minneapolis, Minn., assignor to General Mills, Inc. Stator for induction motors. 2,557,249, June 19.
Askevold, Robert J., Skokie, assignor to The Pure Oil Company, Chicago, Ill. Determining temperature of complete miscibility of liquids. 2,548,763, Apr. 10.
Askevold, Robert J., Skokie, and C. M. Thacker, Highland Park, assignors to The Pure Oil Company, Chicago, Ill. Reflux condenser for fractionating columns. 2,538,957, Jan. 23.
Askholt, Carl E., Copenhagen, assignor of one-half to V. Siefert, Ikast, Denmark. Bracelet for wrist watches. 2,536,622, Jan. 2.
Askin, Morris W., Philadelphia, Pa. Lighting fixture for elongated tubular lamps. 2,563,635, Aug. 7.
Askins, Ralph W., Toledo, Ohio. Trailer hitch. 2,538,493, Jan. 16.
Askren, Lee T., assignor to Eastman Kodak Company, Rochester, N. Y. Self-starting contact type electric motor. 2,574,997, Nov. 13.
Aslund, Ivan: *See*—
Sahlin, Borje, Aslund, and Jansson.
Aspelin, Leslie L.: *See*—
Thoren, Thodore R., and Aspelin.
Aspelin, Leslie L., Cleveland Heights, assignor to Thompson Products, Inc., Cleveland, Ohio. Airplane fuel system. 2,547,246, Apr. 3.
Aspenwall, Carl S., assignor to Eagle Industries, Inc., Chicago, Ill. Sun visor for cabriolets. 2,559,841, July 10.
Aspey, Wayne S.: *See*—
Cumming, James M., and Aspey.
Wallace, James M., Rawlins, Cumming, and Aspey.
Asphalt Specialties Co., assignee: *See*—
Dague, Harold F.
Aspin, Frank M., Bury, England. Rotary valve construction. 2,557,777, June 19.
Aspinall Bros. (Huddersfield), Limited, assignee: *See*—
Brierley, Sam.
Aspinook Corporation, The, assignee: *See*—
Farnsworth, Edwin, and Wood.
Aspinwall, Robert B., assignor to The Monopower Corporation, Detroit, Mich. Transmission control. Re. 23,356, Apr. 17.
Assada, Marc: *See*—
Clutier, Guy, and Assada.
Asscher, William B. B., Teddington, England, assignor to Shell Development Company, San Francisco, Calif. Reciprocating liquid fuel burner. 2,540,416, Feb. 6.
Asseff, Peter A., Cleveland, assignor to The Lubrizol Corporation, Wickliffe, Ohio. Metallic salt of reaction product of phosphorus sulfide and alkylated cycloaliphatic alcohol. 2,540,084, Feb. 6.
Asselin, George F., Kankakee, and L. F. Audrieth, Urbana, Ill., assignors to United States of America as represented by the Secretary of the Navy. Concentration of thorium. 2,578,623, Dec. 11.
Asselin, James H., Winnetka, Ill. Rail crossing. 2,539,529, Jan. 30.
Asselin, James H., Winnetka, Ill. Rail brace. 2,557,494, June 19.
Assmar, Thomas D., Jewett City, Conn. Hiccup treating apparatus. 2,560,404, July 10.
Assmundsson, Axel T., Goteborg, Sweden. Grocery cupboard. 2,577,396, Dec. 4.
Associated Development & Research Corporation, assignee: *See*—
Wagner, Edmond M.
Wallach, Irving D., and Clark.
Wallach, Irving D., and Joost.
Wallach, Robert S.
Associated Electric Laboratories, Inc., assignee: *See*—
Peterson, Seth E., and Griffins.
Associated Ethyl Company Limited, The, assignee: *See*—
Pyk, Sven C.
Associated Folding Box Co., assignee: *See*—
Samsing, Rolf A.
Associated Motorists Petrol Company Limited, assignee: *See*—
Todd, Bryan J., and Turner.
Associated Newspapers Limited, assignee: *See*—
Jarvis, Frederick W.
Associated Paper Converting Corporation, assignee: *See*—
Reiss, Irwin A.
Associated Patentees, Inc., assignee: *See*—
Koch, Frederick.
Associated Spring Corporation, assignee: *See*—
Clayton, William.
Associated Venetian Blind Manufacturing Company, assignee: *See*—
Achler, Maurice E., and Milstine.
Astatic Corporation, The, assignee: *See*—
Cordes, John E.
Spry, George.
Astill, Albert A., and G. Fama, Cumberland, Md., assignors to Celanese Corportaion of America. Stop motion. 2,563,906, Aug. 14.

Aston, Jack B., Rittman, Ohio. Electrically heated lunch kit. 2,577,870, Dec. 11.
Aston, Robert J., Pittsburgh, Pa. Pinless curtain stretcher. 2,546,249, Mar. 27.
Åström, Johan, Nyhamn, assignor to Svenska Cellulosa Aktiebolaget, Stockholm, Sweden. Rotatable hollow-head debarker mounting flexible bark-removing elements. 2,576,912, Dec. 4.
Astry, Perry D., Shaker Heights, Ohio. Adjustable loading dock. 2,560,064, July 10.
Atchison, Elmer E., Pomona, Calif. Separable pressure pad attachment for C-clamps. 2,579,995, Dec. 25.
Atchison, Leonard W., Erie, Pa., assignor to General Electric Company. Two-temperature cabinet. 2,558,602, June 26.
Atchison, Leonard W., Erie, Pa., assignor to General Electric Company. Magnetic valve. 2,575,086, Nov. 13.
Atchison, Leonard W., Erie, Pa., assignor to General Electric Company. Two-temperature refrigerating system. 2,576,663, Nov. 27.
Atchison, Thomas C., Princeton, N. J., assignor to Johns-Manville Corporation, New York, N. Y. Manufacture of normal magnesium carbonate. 2,549,408, Apr. 17.
Ateliers de Construction Lavalette, assignee: *See*—
Lagardelle, Germain.
Ateliers de Construction Oerlikon, assignee: *See*—
Karrer, Josef, and Werner.
Ateliers de Constructions Electriques de Charleroi, assignee: *See*—
Meunier, Marcel.
Ateliers des Charmilles S. A., assignee: *See*—
Fulpius, Edmond.
Ateliers Neyret-Beylier & Piccard-Pictet, assignee: *See*—
Almeras, Paul.
Danel, Pierre.
Athans, George E., New York, N. Y. Moistening device for gummed surfaces. 2,564,184, Aug. 14.
Atherton, Albert H., London, assignor to Electric & Musical Industries Limited, Hayes, England. Thermionic valve utilizing secondary electron emission amplification. 2,553,997, May 22.
Atherton, Harold S., Detroit, Mich. Plaster or bandage for skin application. 2,577,945, Dec. 11.
Athey Products Corporation, assignee: *See*—
MacDonald, Raymore D.
Athletic Shoe Company, The, assignee: *See*—
Treat, Floyd C.
Athy, Clifford R., Dallas, Tex., and C. R. Konkle, assignors to International Derrick & Equipment Company, Columbus, Ohio. Cable anchor for well derrick lines. 2,552,924, May 15.
Athy, Lawrence F., and H. R. Prescott, assignors to Continental Oil Company, Ponca City, Okla. Seismographic record correlation system. 2,539,220, Jan. 23.
Atiyeh, Amen, Wilkes-Barre, Pa. Vacuum cleaner nozzle with variable suction control. 2,556,022, June 5.
Atkin, Kenneth C., assignor to Clarke Sanding Machine Company, Muskegon, Mich. Motor-driven tool. 2,546,846, Mar. 27.
Atkins, Clifford: *See*—
Duesbury, William H., and Atkins.
Atkins, John H. C.: *See*—
Clark, Thomas, and Atkins.
Atkinson, Arthur L., assignee: *See*—
Brown, Frank M.
Atkinson, Earl B., Bay Village, Ohio. Conduit hanger. 2,567,463, Sept. 11.
Atkinson, Edward B., Steubenville, Ohio, assignor to National Steel Corporation. Pumping system. 2,573,297, Oct. 30.
Atkinson, George C., assignee: *See*—
Weaver, James C.
Atkinson, Herbert J., Sudbury, Mass. Liquid detergent feeding device. 2,579,167, Dec. 18.
Atkinson, Jo W., Colorado Springs, Colo. Money storage container. 2,543,751, Mar. 6.
Atkinson, John F., Arlington, Va., assignor, by mesne assignments, to Sprague Electric Company, North Adams, Mass. Wiring analyzer. 2,555,306, June 5.
Atkinson, John F., and S. Lubin, Arlington, Va., assignors to Sprague Electric Company, North Adams, Mass. Remote monitoring system. 2,574,458, Nov. 13.
Atkinson, Phillip S., Noroton, Conn., assignor to Standard Oil Development Company. Automatic change-over valve. 2,549,409, Apr. 17.
Atkinson, Robert G., Bartlesville, Okla., assignor to Phillips Petroleum Company. Coal gasification process and apparatus. 2,572,829, Oct. 30.
Atkinson, Robert P., and J. N. Barney, Indianapolis, Ind., assignors to General Motors Corporation, Dayton, Ohio. Rotor shifter. 2,563,302, Aug. 7.
Atkinson, Thomas P., Newport Beach, Calif. Drill device. 2,579,720, Dec. 25.
Atkinson, Truman L., Ludington, Mich. Screen structure. 2,553,125, May 15.
Atkinson, William B., Colorado Springs, Colo. Self-unloading vehicle. 2,574,315, Nov. 6.
Atkinson, William B., Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Electrical apparatus having silicone rubber insulation. 2,557,928, June 26.
Atkisson, William H., Monrovia, Calif. Take-up device. 2,550,440, Apr. 24.
Atlanta Paper Company, assignee: *See*—
Forrer, Homer W.
Atlantic Development Company, Inc., assignee: *See*—
Andersen, Hother H.
De Lancey, Warren H.
Atlantic Electronics Corporation, assignee: *See*—
Tawney, Gereld L.
Atlantic Products Corporation, assignee: *See*—
Cart, Theodore S.
Kish, Michael, Jr.
Atlantic Refining Company, The, assignee: *See*—
Chamberlin, Newell K.
Ciapetta, Frank G.
Clarke, Edgar W.
Griesinger, William K.
Hersberger, Arthur B.
Hobson, Richard P.
Hunter, James B.
Nevison, John A., and Griesinger.
Ramser, John H.
Reid, John C., Jr.
Woodcock, Charles H.
Atlas Imperial Diesel Engine Co., assignee: *See*—
Laxo, Ed.
Laxo, Ed, and Fredenburgh.
Waters, Lawrence W.
Atlas Instrument Company, assignee: *See*—
Clark, Joseph C.
Atlas Plywood Corporation, assignee: *See*—
Muller, Robert A.
Atlas Polar Company Limited, assignee: *See*—
Becker, John E.
Atlas Powder Company, assignee: *See*—
Barker, George E.
Brandner, John D.
Carey, Claude H., and Walton.
De Navarre, Maison G., and Griffin.
Griffin, William C.
Huyett, Daniel D.
Jefferson, George D., and Stigger.
Sevold, Boyd J.
Taylor, William J.
Atlas Press Company, assignee: *See*—
Modderman, Helmer.
Van Dam, Walter L., and Karr.
Atlas Supply Company, assignee: *See*—
Logan, William W.
Atlee, Zed J., Des Plaines, assignor to Dunlee Corporation, Chicago, Ill. Protective means for rectifier cathodes. 2,558,603, June 26.
Atmar, Doris L.: *See*—
Goodwin, Beulah S., and Atmar.
Atomic Energy Commission, United States of America as represented by the, assignee: *See*—
Fisher, Ray W.
McDuffie, Bruce, Schelberg, and Thompson.
Miller, William T., Dittman, and Reed.
Morrison, Philip.
Zimmerman, Charles.
Zinn, Walter H.
Atomix Inc., assignee: *See*—
Boe, Carsten F., and Lowstuter.
Atterbury, Stanley T., Chicago, Ill. Snuffer. 2,536,900, Jan. 2.
Attorney General of the United States, Vested in the: *See*—
Chauvin, André A.
De Saint-Exupéry, Antoine.
Drouilly, Eugene J.
Golicke, Roman.
Lolkema, Jan.
Mercier, Jean.
Robin, Leo, and van Roggen.
Salomon, François M. M. B.
Smits, Wytze B.
Vancoppenolle, Jean.
Attridge, Ross R., Toronto, Ontario, Canada. Single-phase induction motor. 2,541,683, Feb. 13.
Attschuler, William H., and B. Woynar, Chicago, Ill., assignors to Combustion Engineering-Superheater, Inc. Compact steam generator. 2,562,442, July 31.
Attwood, Charles W., Wayne, Mich. Pipe or tubing support. 2,541,908, Feb. 13.
Atwater, Conway L., Georgetown, Conn. Umbrella. 2,538,550, Jan. 16.
Atwater, Leon W., Williamston, Mich. Combination armrest and heat shield. 2,577,561, Dec. 4.
Atwell, Clarence A., Pittsburgh, and C. F. Jenkins, Laughlintown, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Power-plant excitation system. 2,539,173, Jan. 23.
Atwell, Harold V., Beacon, assignor to The Texas Company, New York, N. Y. Shale distillation with fluidized residue treatment. 2,544,912, Mar. 13.

Atwell, Harold V., Beacon, assignor to The Texas Company, New York, N. Y. Effecting catalytic conversion. 2,553,398, May 15.
Atwell, Harold V., Beacon, assignor to The Texas Company, New York, N. Y. Upgrading Diesel fuel. 2,562,980, Aug. 7.
Atwell, Harry N., Milwaukee, Wis. Dancing puppet. 2,544,124, Mar. 6.
Atwell, Henry G., Lake Villa, Ill. Ball pitching device. 2,549,156, Apr. 17.
Atwood, Harry D., Rockford, Ill., assignor, by mesne assignments, to Reconstruction Finance Corporation, Washington, D. C. Multiple copy typewriting machine. 2,557,067, June 19.
Atwood, John B., Riverhead, N. Y., assignor to Radio Corporation of America. System for distinguishing between pulses having different characteristics. 2,561,772, July 24.
Atwood, John B., Riverhead, N. Y., assignor to Radio Corporation of America. Frequency divider. 2,562,228, July 31.
Atwood, John B., Riverhead, N. Y., assignor to Radio Corporation of America. Peak-reading tuning indicator. 2,571,650, Oct. 16.
Atwood, Rawson, Garden City, N. Y. Textile spool. 2,564,946, Aug. 21.
Atwood, Seth B., assignor to The Atwood Vacuum Machine Company, Rockford, Ill. Foldable awning frame. 2,579,780, Dec. 25.
Atwood, Smith B., Jr.: *See*—
Boddy, Leonard, and Atwood.
Atwood Vacuum Machine Company, The, assignee: *See*—
Atwood, Seth B.
Atwood, William E., Glendale, and R. L. Holland, Sunland, Calif. Fuel tank. 2,576,555, Nov. 27.
Auberschek, Joseph F., Milwaukee, Wis. Faucet filter. 2,580,066, Dec. 25.
Aubert, Fred B., Detroit, Mich. Combustion air control system for vaporizing burners. 2,538,856, Jan. 23.
Aubert, Fred B., Detroit, Mich. Burner system, including ignition controlling means. 2,569,089, Sept. 25.
Aubin, Wallace A., assignor of one-third to L. P. Meconi and one-third to L. P. Robare, Au Sable Forks, N. Y. Bit clamp for carpenter's plane. 2,565,193, Aug. 21.
Aubrey, Richard, Jr., Boardman Township, Mahoning County, and A. A. Chambers, assignors to The Youngstown Sheet & Tube Company, Youngstown, Ohio. Apparatus for transversely testing cylindrical members. 2,578,031, Dec. 11.
Auburn Rubber Corporation, assignee: *See*—
Thurman, Ferdinand H.
Audemar, Pierre G. J. M., Villennes-sur-Seine, France. Device for preventing sliding parts from rotating. 2,551,410, May 1.
Audino, Hector, Teaneck, N. J. Package of box blanks. 2,572,584. Oct. 23.
Audio Devices, Inc., assignee: *See*—
Haynes, Bryce.
Audiscope Corporation, assignee: *See*—
Pierce, Edith H., and Schantz.
Audrieth, Ludwig F.: *See*—
Asselin, George F., and Audrieth.
Audrieth, Ludwig F., Urbana, and P. H. Mohr, Champaign, assignors to Olin Industries, Inc., East Alton, Ill. Aqueous emulsions containing hydrazine derivatives as emulsifying agents. 2,544,772, Mar. 13.
Auer, Frederick, Teaneck, assignor to Champlain Company, Inc., Bloomfield, N. J. Register control means for continuous and intermittent web feed mechanism. 2,548,136, Apr. 10.
Auer, Frederick, Teaneck, assignor to Champlain Company, Inc., Bloomfield, N. J. Hydraulic impression gear for printing presses. 2,569,034, Sept. 25.
Auer, John: *See*—
Jensen, Louis E., and Auer.
Auerbach, Isaac L.: *See*—
Eckert, John P., Jr., Sims, and Auerbach.
Auerbacher, Werner F.: *See*—
Paradise, Lionel P., and Auerbacher.
Aufderheide, Benjamin D., assignee: *See*—
Smith, Eston H.
Aufiero, John M., Plandome, assignor to E. A. Laboratories, Inc., Brooklyn, N. Y. Dry cell lamp switch. 2,542,613, Feb. 20.
Aufiero, John M., Plandome, assignor to E. A. Laboratories, Inc., Brooklyn, N. Y. Electric sound horn. 2,560,323, July 10.
Aufiero, John M., Plandome, assignor to E. A. Laboratories, Inc., Brooklyn, N. Y. Heater structure. 2,563,449, Aug. 7.
Augenfeld, Felix, New York, N. Y. Stand or display system. 2,538,958, Jan 23.
Augenstein, Karl C., Cranston, assignor to Speidel Corporation, Providence, R. I. Connector for wrist watches. 2,549,410, Apr. 17.
Aughey, Clarence L., and L. V. McCarty, Milwaukee, Wis., assignors to A P Controls Corporation. Thermostatic expansion valve. 2,547,070, Apr. 3.
Augspurger, Luther S., Rockford, and D. F. Hasse, Roscoe, assignors to Aaero Manufacturing Co., Rockford, Ill. Pipe union or coupling. 2,543,311, Feb. 27.
Augustadt, Herbert W., Westfield, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Indicating apparatus. 2,546,814, Mar. 27.
Augustadt, Herbert W., Westfield, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Automatic volume control. 2,575,990, Nov. 20.
Auguste, Henry R., Los Angeles, Calif. Emergency shut-off tool for fire sprinklers. 2,555,461, June 5.
Augustin, Jean, assignor to Compagnie Industrielle de Credit, Paris, France. Vulcanizable rubber mixes and vulcanized rubber products made therefrom. 2,571,100, Oct. 16.
Augustine, Frederick B., Jefferson, N. J., assignor to Socony-Vacuum Oil Company, Incorporated. Lubricating oil compositions containing the reaction products of diesters of dithio-phosphoric acid and pinene. 2,561,773, July 24.
Augustine, Roy W., Oak Park, and J. F. Houdek, Jr., assignors to Kellogg Switchboard and Supply Company, Chicago, Ill. Variable percussion hermetically sealed electromagnetic call-signal device. 2,578,032, Dec. 11.
Augustoni, Romeo, Zurich, Switzerland. Portable machine tool. 2,539,003, Jan. 23.
Auld, D. L., Company, assignee: *See*—
Hyatt, Samuel W.
Aultz, William J., Overton, Nebr. Device for picking up messages from moving trains and the like. 2,573,298, Oct. 30.
Auman, James D., assignor to Armstrong Cork Company, Lancaster, Pa. Sorting machine. 2,561,413, July 24.
Auramo, Hannu J.: *See*—
Hallenberg, Harry D., and Auramo.
Aurbach, Kurt, assignor to Anker-Werke, A.G., Bielefeld, Germany. Type wheel adjusting mechanism. 2,579,535, Dec. 25.
Aurin, Raymond A., Western Springs, Ill. Shoe holder. 2,555,020, May 29.
Auslander, George, Long Island City, N. Y. Combination wet and dry heat generator. 2,556,671, June 12.
Auspos, Lawrence A., Tonawanda, N. Y., and J. B. Dempster, Woodbury, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Polymerizing ethylene glycol terephthalate. 2,578,660, Dec. 18.
Austin, Charles H., Tarrant, Ala. Safety bathing jacket. 2,569,742, Oct. 2.
Austin, Chester R.: *See*—
Dickey, Ralph I., Austin, and Pavlish.
Austin, Chester R., Columbus, Ohio, assignor, by mesne assignments, to Armstrong Cork Company, Lancaster, Pa. Producing fibrous material. 2,554,486, May 29.
Austin, Chester R., and A. G. Allison, assignors, by mesne assignments, to Battelle Development Corporation, Columbus, Ohio. Ceramic coating composition, coated article and making same. 2,558,411, June 26.
Austin, Clarence L., Morrison, Ill. Hog ringer. 2,571,813, Oct. 16.
Austin, Donald D., Sr., assignor to National Broach & Machine Company, Detroit, Mich. Shaving crown gears by rocking and traverse. 2,536,343, Jan. 2.
Austin, Donald D., Sr., assignor to National Broach & Machine Company, Detroit, Mich. Shaving crown gears by rocking. 2,547,517, Apr. 3.
Austin, Donald D., Sr., assignor to National Broach & Machine Company, Detroit, Mich. Rotary cutter. 2,563,907, Aug. 14.
Austin, Donald D., Sr., and K. J. Davis, assignors to National Broach and Machine Company, Detroit, Mich. Work locating and driving mechanism. 2,576,497, Nov. 27.
Austin, Douglas G., Wellsboro, Pa. Egg cleaning machine. 2,551,310, May 1.
Austin, Douglas G., Wellsboro, Pa. Egg tumbling mechanism for egg cleaning machines. 2,568,693, Sept. 25.
Austin, Glen L., and E. B. Byrd, Happy, Tex. Posthole auger. 2,578,033, Dec. 11.
Austin, James A.: *See*—
Kartsonis, Paul L., and Austin.
Austin, Leslie W.: *See*—
Hicks, James C., and Austin.
Austin, Leslie W., San Jose, Calif., assignor to Kaiser Aluminum & Chemical Corporation. Making magnesia. 2,537,014, Jan. 9.
Austin, Leslie W., San Jose, Calif., assignor to Kaiser Aluminum & Chemical Corporation. Magnesia refractory. 2,571,101, Oct. 16.
Austin, Leslie W., San Jose, Calif., assignor to Kaiser Aluminum & Chemical Corporation. Magnesia refractory materials. 2,571,102, Oct. 16.
Austin, Leslie W., San Jose, Calif., assignor to Kaiser Aluminum & Chemical Corporation. Magnesia refractory and making. 2,572,688, Oct. 23.
Austin, Leslie W., San Jose, and J. C. Hicks, Menlo Park, Calif., assignors to Kaiser Aluminum & Chemical Corporation. Composite refractory and bonding the same. 2,537,012, Jan. 9.
Austin, Leslie W., San Jose, and J. C. Hicks, Menlo Park, Calif., assignors to Kaiser Aluminum & Chemical Corporation. Refractory bonding method and refractories produced thereby. 2,537,013, Jan. 9.
Austin, Leslie W., San Jose, Calif., and D. Rhodes, Alfred, N. Y., assignors to Kaiser Aluminum & Chemical Corporation, Oakland, Calif. Refractory and semirefractory materials and manufacture. 2,543,752, Mar. 6.
Austin, Leslie W., San Jose, and J. C. Hicks, Menlo Park, Calif., assignors to Kaiser Aluminum & Chemical Corporation. Magnesia refractory and making. 2,579,781, Dec. 25.

Austin, Merritt B., Jr., Deerfield, Ill. Electric-cable fitting. 2,538,614, Jan. 16.
Austin, Merritt B., Jr., Kenilworth, Ill. Support for electrical fixtures. 2,550,662, May 1.
Austin Motor Company, Limited, The, assignee: *See*—
Bishop, John L. H.
Bishop, John L. H., and Weaving.
Rix, John R., and Ellcock.
Austin, Ralph W., Weymouth, assignor to Knight and Thomas Incorporated, Somerville, Mass. Fire extinguisher. 2,554,726, May 29.
Austin, Ralph W., Weymouth, assignor to Knight and Thomas Incorporated, Somerville, Mass. Fire extinguisher. 2,554,727, May 29.
Austin, Robert C.: *See*—
Krotz, Alvin S., and Austin.
Austlid, Arnljot, Oslo, Norway. Sewing machine. 2,579,248, Dec. 18.
Austlid, Olav, Oslo, Norway, assignor to Bernay Agency Inc., Brooklyn, N. Y. Trunk deformation correcting device. 2,552,475, May 8.
Australian Iron & Steel Limited, assignee: *See*—
Escher, Hans.
Auten, Howard L., East Peoria, Ill. Machine for buffing, sanding, and the like. 2,576,745, Nov. 27.
Auten, Jay C., Royal Oak, assignor to Chrysler Corporation, Highland Park, Mich. Stoker overload safety clutch. 2,551,718, May 8.
Auth, Charles G., Malba, and A. H. Schramm, Springfield, assignors to Auth Electrical Specialty Co., New York, N. Y. Audible signaling device. 2,549,157, Apr. 17.
Auth Electrical Specialty Co., assignee: *See*—
Auth, Charles G., and Schramm.
Autie, Edward G., and F. W. Johnes, assignor to Applied High Frequency Limited, London, England. Flash control electrode. 2,569,968, Oct. 2.
Auto Appliance Patents Co., The, assignee: *See*—
Clark, Joel B.
Auto Cruz Corporation, assignee: *See*—
Robnett, E V, Jr.
Auto Specialties Manufacturing Company, assignee: *See*—
Mueller, Joseph J.
Auto Transport Co., assignee: *See*—
Carey, Clinton C.
Autocall Company, The, assignee: *See*—
Richmond, Norman E.
Autocar Company, The, assignee: *See*—
Crookston, James J.
Autogiro Company of America, assignee: *See*—
Baker, George T.
Balzer, Harvey W.
Bartelink, Everhard H. B.
Campbell, Harris S.
Dorr, Clarence J.
Graybill, Kenneth W., and Sengebusch.
Griffins, Morris E.
Pullin, Cyril G.
Pullin, Cyril G., and Watsen.
Pye, Harold C.
Riebe, Theodore C.
Rudeforth, Stanley.
Stanley, Paul H.
Voss, John H.
Wicks, John.
Autograf Brush & Plastics Co., Incorporated, assignee: *See*—
Mayer, Joseph W., and St. Clair.
Autographic Register Company, assignee: *See*—
Brenn, Carl W.
Automatic Canteen Company of America, assignee: *See*—
Carlson, John W.
Thompson, Ernest H.
Thompson, Ernest H., and Doggett.
Automatic Controls Corporation, assignee: *See*—
Haigh, Richard A.
Automatic Devices, Incorporated, assignee: *See*—
Du Perret, Arthur W.
Automatic Die & Products Company, assignee: *See*—
Brandes, Frank A.
Automatic Electric Laboratories, Inc., assignee: *See*—
Baker, George T.
Bakker, Pier.
Balzer, Harvey W.
Balzer, Harvey W., and Ostline.
Bartelink, Everhard H. B., and Daskam.
Bielenberg, Raymond G.
Carroll, Bernard A.
Dimmer, Robert P.
Ffolliott, Charles F.
Giannini, Gabriel M.
Grandstaff, Otho D.
Graybill, Kenneth W.
Graybill, Kenneth W., and Sengebusch.
Grimes, Harlan E.
Hadfield, Bertram M.
Henrikson, Oscar W., and Sargisson.
Herrick, Roswell H.
Herrick, Roswell H., Fowler, and Dimmer.
Jones, Roy W.
Kessler, Frank.
Lomax, Clarence E.
Lomax, Clarence E., and Sengebusch.
Marble, Clarence, and Ruckdeschel.
Automatic Electric Laboratories, Inc., assignee: *See*—Continued.
McCreary, Harold J.
Molnar, Imre.
Montani, Angelo.
Novy, Richard J.
Ostline, John E.
Sengebusch, Hans.
Stehlik, Rudolph F.
Taylor, Reginald, and Baker.
Voss, John H.
Wicks, John.
Wicks, John, and Graadstaff.
Wood, Fredric E.
Automatic Electric Manufacturing Company, assignee: *See*—
Klammer, William C.
Klammer, William C., Schneider, and Mattson.
Automatic Equipment Manufacturing Company, assignee: *See*—
Rhoades, Don W.
Automatic Injection Machines Corp., assignee: *See*—
Kardorff, Leon.
Automatic Instrument Company, assignee: *See*—
Andres, Lloyd J.
Kasnowich, Anthony M.
Automatic Machinery Company, assignee: *See*—
Matthews, Louis L.
Automatic Manufacturing Corporation, assignee: *See*—
Mazzola, Joseph R.
Automatic Products Company, assignee: *See*—
Koch, Rudolf.
Automatic Pump & Softener Corporation, assignee: *See*—
Whitlock, Robert A., Jr.
Automatic Screw Products Company, assignee: *See*—
Voelker, Henry H.
Automatic Sewing Equipment Co., Inc., assignee: *See*—
Schwartz, Leo, and Mansson.
Automatic Shifters, Inc., assignee: *See*—
Hey, Henry W., and Ingres.
"Automatic" Sprinkler Corporation of America, assignee: *See*—
Rider, Harry N.
Automatic Steel Products, Inc., assignee: *See*—
Harrison, William R., Kilpatrick, Zimmermann, Sproul, and Galleher.
Wickwire, Arthur M., and Zimmermann.
Automatic Telephone & Electric Company Limited, assignee: *See*—
Baker, George T.
Jones, Eric W., and Pearce.
Terroni, Teseo B. D., and Parker.
Woodland, Cecil R.
Automatic Temperature Control Co., Inc., assignee: *See*—
Godshall, John C.
Hunt, Walter L., and Macgeorge.
Macgeorge, William D.
Automatic Totalisators Limited, assignee: *See*—
Both, Edward T., and Grace.
Julius, Awdry F.
Julius, Awdry F. and G. A.
Automatic Voting Machine Corporation, assignee: *See*—
Gustavson, Alvin N.
Automatic Washer Company, assignee: *See*—
Emmert, Clayton F.
Automatic X-ray Corp., assignee: *See*—
Roop, Harold D.
Automotive & Marine Products Corporation, assignee: *See*—
Taber, William H., and Albert.
Automotive Products Company Limited, assignee: *See*—
Gates, Geoffrey R. G.
Parker, Sydney M.
Automotive Service Tools, Inc., assignee: *See*—
Linn, Charles E., and Hummel.
Automotive Spring Company, assignee: *See*—
Heuer, Lawrence H.
Autopack (London) Limited, assignee: *See*—
Lee, George A.
Autophon Aktiengesellschaft, assignee: *See*—
Kappeler, Hans.
Zschokke, Diethelm.
Autopoint Company, assignee: *See*—
Bauer, Hans A.
Menning, George, and Seibert.
Nelson, Melven V., and Seibert.
Seibert, Ernest H.
Auto-Soler Company, The, assignee: *See*—
Wright, John G., Chafin, Sudan, Watkins, and Hanson.
Wright, John G., Toney, Watkins, Sudan, and Maxwell.
Autotrac Limited, assignee: *See*—
Kos, Michael.
Autoyre Company, Incorporated, The, assignee: *See*—
Sanford, Roy S.
Autry, Eugene, Brooklyn, N. Y. Reciprocating mop head cleaner. 2,561,965, July 24.
Avakian, Souren: *See*—
Martin, Gustav J., and Avakian.
Avakian, Souren, Oreland, and G. J. Martin, assignors to The National Drug Company, Philadelphia, Pa. N-(3-benzothenyl)-N-ethyl-betachloroethylamine adrenolytic. 2,553,495, May 15.

Avco Manufacturing Corporation, assignee: *See—*
Bass, Harland A.
Baylo, Arthur D.
Benson, Ralph L.
Bill, George W.
Bussard, Emmery J. H.
Chamberlin, John W.
Edelsohn, Charles R.
Fuller, Frederic E.
Givenrod, Wilburn H.
Hoffmann, Samuel K., and Caminez.
Holst, Paul F. G.
Holst, Paul F. G., and Nelson.
Johnson, Fred J.
Nave, Alfred E.
Norberg, Oscar E., and Nave.
Norberg, Oscar E., and Norrish.
Oliver, Wallace F.
Parker, Norman W.
Reid, John D.
Reid, John D., and Holst.
Schwarz, Hans G.
Shirk, Walter B.
Spencer, Robert L.
Sweeney, Daniel J.
Vutz, Wilhelm.
Wedig, Frank L.
Wiegman, Clarence H.
Wissel, Francis A.

Avedikian, Souren Z., Larchmont, N. Y. Making hyposulfites by means of amalgam. 2,576,769, Nov. 27.

Avelli, Philip A., Richmond Hill, N. Y. Bobby pin dispenser and refilling means. 2,539,684, Jan. 30.

Avenia, Thomas, New York, N. Y. Wheel tester. 2,537,616, Jan. 9.

Avera, Fitzhugh L., assignor to Rosefield Packing Co. Ltd., Alameda, Calif. Stabilized peanut butter. 2,552,925, May 15.

Averette, Thomas P., Bell, Calif. Trailer dolly and steering arm therefor. 2,561,644, July 24.

Averill, Ida J., assignee: *See—*
Williams, Harry S.

Averill, James D., assignee: *See—*
Williams, Harry S.

Avers, Henry, and J. W. Ground, Stillwater, Okla. Attic louver. 2,555,626, June 5.

Avery, B. F., & Sons Company, assignee: *See—*
Stutzke, Robert E.

Avery, Curt M.: *See—*
Wickerham, William R., and Avery.

Avery, Dallas B., Pontiac, Mich. Four-wheel control steering mechanism. 2,572,966, Oct. 30.

Avery, Dallas B., Pontiac, assignor of one-half to H. A. and L. E. Watson, Capac, Mich. Connecting a trailer to a draft vehicle. 2,576,383, Nov. 27.

Avery, Harold T., Oakland, Calif., assignor to Marchant Calculating Machine Company. Calculating machine. 2,538,826, Jan. 23.

Avery, Harold T., Oakland, Calif. Rotating wing aircraft. 2,539,562, Jan. 30.

Avery, Harold T., Oakland, Calif. Control system for rotating wing aircraft. 2,546,881, Mar. 27.

Avery, Hillard M., Indianapolis, Ind. Scalp-treating device. 2,569,795, Oct. 2.

Avery, Howard W., Schenectady, N. Y., assignor to General Electric Company. Control valve. 2,566,051, Aug. 28.

Avery, Ray S., South Pasadena, assignor to Adhesive Development Co., Los Angeles, Calif. Adhesive label and tape dispenser and applicator. 2,569,140, Sept. 25.

Avery, Robert J., Clearwater, Manitoba, Canada. Pistol type flashlight with trigger actuated switch. 2,536,484, Jan. 2.

Avery, Steven B., East Orange, N. J., assignor, by mesne assignments, to Coprox, Inc., New York, N. Y. Cementitious material and making. 2,556,156, June 12.

Avery, William H., Silver Spring, Md., and B. S. Old, Concord, Mass., assignors, by mesne assignments, to Republic Steel Corporation, Cleveland, Ohio. Tuyère. 2,540,231, Feb. 6.

Avery, William L., Coral Gables, Fla., assignor of one-half to P. E. Arnall, Griffin, Ga. Diaper. 2,544,002. Mar. 6.

Aveta, Albert A., New York, N. Y. Cam released clutch. 2,551,922, May 8.

Avey Drilling Machine Company, The, assignee: *See—*
Busemeyer, Edward J.

Aviation Developments Limited, assignee: *See—*
Cooke, Arthur H., and Mumford.
Craigie, Samuel W.

Avila, Abelardo G.: *See—*
Folkenroth, Earl E., and Avila.

Avila, Frank W., Columbia City, Ind., assignor to International Harvester Company. Overrunning clutch type gear synchronizer. 2,540,232, Feb. 6.

Avila, Frank W., Columbia City, Ind., assignor to International Harvester Company. Sprag type synchronizer device. 2,546,712, Mar. 27.

Avinger, Ernest C., and T. T. Murphy, Wando, S. C. Machine for cutting logs into sections. 2,569,878, Oct. 2.

Avondale Mills, assignee: *See—*
Pope, Richard R.

Avrick, Abraham, New York, N. Y. Sealing machine attachment for gummed tape dispensers. 2,560,065, July 10.

Axe, William N.: *See—*
Benedict, Bruce C., and Axe.
Jones, Jean P., and Axe.
Wagner, Cary R., Axe, and Himel.

Axe, William N., Bartlesville, Okla., assignor to Phillips Petroleum Company. Alkylation of phenols. 2,544,818, Mar. 13.

Axe, William N., Bartlesville, Okla., assignor to Phillips Petroleum Company. Lubricant manufacture. 2,554,395, May 22.

Axelgate Corporation, assignee: *See—*
Axelrod, Maurice.

Axelrod, Maurice, Cleveland, assignor to Axelgate Corporation, Dayton, Ohio. Applying decalcomania designs to wrinkle finishes. 2,572,967, Oct. 30.

Axelson, Carl A.: *See—*
Bowersett, Charles F., Baker, and Axelson.

Axiotes, Anthony A., Newport, R. I. Swimming device. 2,556,894, June 12.

Axman, Max W.: *See—*
Adams, Paul G., and Axman.

Ayala, Hector L., Ocotlan, Mexico, assignor to Celanese Corporation of America, New York, N. Y. Transfer tail applying means. 2,542,106, Feb. 20.

Aycock, Hugh, Phoenix, Ariz. Laterally rocking type tire removing hand tool. 2,571,517, Oct. 16.

Aydelott, Charles F., Oakland City, Ind. Bailed hay lifter. 2,556,386, June 12.

Aydelott, John C., Lawrence Park, G. W. Bower, Danville, Pa., and G. M. Adams, Seattle, Wash., assignors to General Electric Company. Control system. 2,565,293, Aug. 21.

Ayers, Arnold L., Bartlesville, Okla., assignor to Phillips Petroleum Company. Refining soybean oil. 2,561,330, July 24.

Ayers, Edgar H., Schenectady, N. Y., assignor to General Electric Company. Refrigerator defrosting device. 2,538,639, Jan. 16.

Ayers, Fred L., Watertown, Mass. Shoe and making the same. 2,563,303, Aug. 7.

Ayers, George W.: *See—*
Krewer, William A., and Ayers.

Ayers, George W., Chicago, Ill., and E. E. Harton, Jr., Alexandria, Va., assignors to The Pure Oil Company, Chicago, Ill. Chlorinating hydrocarbons. 2,542,107, Feb. 20.

Ayers, George W., Chicago, Ill., and E. E. Harton, Jr., Alexandria, Va., assignors to The Pure Oil Company, Chicago, Ill. Chlorination of hydrocarbons. 2,548,764, Apr. 10.

Ayers, George W., Chicago, E. E. Harton, Evanston, and L. R. Mazurk, assignors to The Pure Oil Company, Chicago, Ill. Inhibiting the corrosion of ferrous equipment used in the regeneration and boiling of alkali metal solutions. 2,556,387, June 12.

Ayers, Joseph G., Mount Lebanon Township, Allegheny County, assignor to Copperweld Steel Company, Glassport, Pa. Uniting clad rods end-to-end and rendering joints uniform with the remainder of rods. 2,556,160, June 12.

Ayers, Joseph W., Easton, Pa., assignor, by mesne assignments, to C. K. Williams & Co., East St. Louis, Ill. Producing cuprous oxide. 2,554,319, May 22.

Ayers, Joseph W., Easton, Pa., assignor to Agrashell, Inc. Fire-avoiding grinding and classifying system and process. 2,554,450, May 22.

Ayers, Joseph W., Easton, Pa., assignor to Agrashell, Inc. Apparatus for grinding combustible materials. 2,561,043, July 17.

Ayers, Joseph W., Easton, Pa., assignor to Agrashell, Inc. Grinding of organic materials. 2,565,420, Aug. 21.

Ayers, Joseph W., Easton, Pa., assignor to Agrashell, Inc. Phonograph record molding compositions and records. 2,572,798, Oct. 23.

Ayers, Osborn, Plainfield, N. J., assignor to Johns-Manville Corporation, New York, N. Y. Manufacturing structural insulation. 2,554,934, May 29.

Ayerst, McKenna and Harrison, Limited, assignee: *See—*
Beall, Desmond.
Jacobsen, Erik, and Hald.

Ayerst, McKenna & Harrison Limited, assignee: *See—*
Cook, Arthur S., and Grant.
Deans, Sidney A. V., and Scarrow.
Richardson, Edwin M., and Grant.
Trussell, Paul C.

Aylesworth, Carman F., Ferndale, Mich. Ventilator. 2,573,757, Nov. 6.

Aylsworth, Herbert G., Charlestown, Mass. Fishtailed hull. 2,555,307, June 5.

Ayo, Jackson J., Elizabeth, and F. J. Gajewski, Linden, N. J., assignors to General Aniline & Film Corporation, New York, N. Y. Detergent composition. 2,542,385, Feb. 20.

Ayo, Jackson J., Elizabeth, and F. J. Gajewski, Linden, N. J., and H. L. Sanders, Easton, Pa., assignors to General Aniline & Film Corporation, New York, N. Y. Detergent composition. 2,560,839, July 17.

Ayotte, Joseph R., Chicago, Ill. Safety razor. 2,555,105, May 29.

Ayotte, Philip, Bridgeport, Conn. Convertible machine carrying case and workstand. 2,554,135, May 22.

Ayoub, Solomon M., Ansonia, Conn. Window shade fixture. 2,550,214, Apr. 24.
Ayres, Donald F., Poughkeepsie, assignor to The De Laval Separator Company, New York, N. Y. Standardizing centrifugally separable product. 2,542,456, Feb. 20.
Ayres, John A., Schenectady, N. Y., assignor to the United States of America as represented by the United States Atomic Energy Commission. Zirconium and hafnium recovery and purification process. 2,567,661, Sept. 11.
Ayres, John E., Elizabeth, N. J. Smoking pipe. 2,573,822, Nov. 6.
Ayres, Waldemar, Kew Gardens, N. Y. Gear toy. 2,545,131, Mar. 13.
Ayres, Waldemar A., Kew Gardens Hills, N. Y., assignor to The Sperry Corporation. Color altimetry. 2,543,753, Mar. 6.
Ayres, Waldemar A., Kew Gardens Hills, N. Y., assignor to The Sperry Corporation. Apparatus for making stereoscopic pictures. 2,560,538, July 17.
Ayres, William H., Baltimore, Md., assignor to American Can Company, New York, N. Y. Container. 2,558,723, July 3.
Ayres, William R.: *See*—
Martin, Daniel W., and Ayres.
Ayrton, Wm., & Company, Limited, assignee: *See*—
Osborne, Frank.
Azzara, Catherine, executrix: *See*—
Azzara, Santo.
Azzara, Santo, deceased, by C. Azzara, executrix, Queens Village, assignor of fifty per cent to Andrew Geller, Inc., Brooklyn, N. Y. Machine for operating on soles. 2,542,614, Feb. 20.
B. B. Chemical Co., assignee: *See*—
Griswold, Stanley M.
Hyde, Benjamin D.
Macdonald, Alexander D., and Sprague.
Manning, Joseph F., and Seymour.
Morris, Thomas C., and Johnson.
B. & B. Oil Tool Co., assignee: *See*—
Brown, Howard C.
B. H. B. Mfg. Co. Inc., assignee: *See*—
Boel, Henry C., and Hallberg.
B. M. C. Manufacturing Corp., assignee: *See*—
Hurlbut, Gordon K.
B. S. A. Tools Limited, assignee: *See*—
Ogilvie, William.
B. V. C. Electronics Developments Limited, assignee: *See*—
Briggs, George.
B. V. C. Industrial Constructions Limited, assignee: *See*—
Daniels, Arthur W.
BX Plastics Limited, assignee: *See*—
Pinner, Solomon H., and Whitehead.
Baak, Albert E., Los Angeles, Calif., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Manual and automatic control apparatus for combustion engines. 2,579,643, Dec. 25.
Baak, Albert E., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Switch. 2,557,929, June 26.
Baash-Ross Tool Company, assignee: *See*—
Johnson, Glenn D.
Baay, John, New York, N. Y. Smoking stand with reflector and lamp. 2,574,164, Nov. 6.
Babayan, Vigen K., West Englewood, N. J., assignor, by mesne assignments, to The Fulwal Chemical Corporation, New York, N. Y. Cyclic reuse of cyclohexylamine in rosin acids separation. 2,578,661, Dec. 18.
Babb, John J., Laurel, Miss., and N. J. Smith, New Orleans, La., said Babb assignor to Geophysical Service Inc., Dallas, Tex., and said Smith assignor to The California Company, New Orleans, La. Apparatus for marine seismic prospecting. 2,544,819, Mar. 13.
Babbitt, Bernard R.: *See*—
Ellestad, Reuben B., and Babbitt.
Ellestad, Reuben B., Stewart, and Babbitt.
Babbitt, John F., assignor to J. V. Pilcher Mfg. Company, Incorporated, Louisville, Ky. Hinged prop for picture frames. 2,542,958, Feb. 20.
Babcock, Foster A., Philadelphia, Pa. Printer's calculator and circular slide rule. 2,561,263, July 17.
Babcock, Gordon M.: *See*—
Rethwisch, Francis B., and Babcock.
Babcock & Wilcox Company, The, assignee: *See*—
Allardt, Ernst W.
Bailey, Ervin G., and Dickey.
Bailey, Ervin G., and Hardgrove.
Behr, Robert K.
Bice, Graham W.
Carpenter, Otis R.
Christie, Leonard D., Jr., and Norton.
Cox, Rodney S.
Craven, John P.
Ebbets, George D., and Hardgrove.
Evans, Sidley O.
Fink, Leroy M.
Fletcher, James, and Huge.
Gangewere, Ray O.
Grossman, Paul R.
Grossman, Paul R., and Shannon.
Hardgrove, Ralph M.
Harter, Isaac.
Harter, Isaac, Jr., and Ratcliffe.
Babcock & Wilcox Company, The, assignee: *See*—Con.
Harvey, James L.
Kessler, George W.
Kooistra, Lambert.
Langvand, Ivar L., and Schoessow.
Maxwell, Carl A.
McDonald, Bertram N.
Miller, Benjamin H.
Mosier, Edwin K., and Gilg.
Norton, Charles L., Jr.
Rasmusen, Reidar P. C.
Ratcliffe, Temple W.
Rivers, Heyward.
Rowand, Will H.
Sparks, Cedric H.
Véron, Marcel.
Woolley, Charles H.
Babcock, William P., Hollywood, Calif. Toy airplane construction. 2,555,670, June 5.
Babcock, William S., Jr., Orange, N. J., assignor to Federal Telephone and Radio Corporation, New York, N. Y. Switching key with roller actuating means. 2,560,324, July 10.
Babcock, Zebe A., Cass City, assignor to B. R. Smutek, Detroit, Mich. Concrete block packing machine. 2,541,981, Feb. 20.
Babee-Tenda License Corporation, assignee: *See*—
Reingold, Noah.
Babicz, George, Chicago, Ill. Device for separating printing rollers in the absence of a paper sheet. 2,553,399, May 15.
Babin, Lionel J., assignee: *See*—
Babin, Lionel J., Jr.
Freeman, Dewey J.
Babin, Lionel J., Jr., assignor of eighty-five per cent to L. J. Babin, and fifteen per cent to D. Melancon, Houma, La. Awning clip. 2,578,460, Dec. 11.
Babington, Henry M., Lilliwaup, Wash. Bait dispenser. 2,560,381, July 10.
Babish, Richard C.: *See*—
Waller, Fred, and Babish.
Babit, David, New York, N. Y. Multipurpose furniture. 2,566,818, Sept. 4.
Babka, Richard J.: *See*—
Beck, Frederick W., Babka, and Lukins.
Bablik, Heinz, assignor to B. V. B. Bablik, Vienna, Austria. Galvanizing apparatus. 2,570,746, Oct. 9.
Babson Bros. Co., assignee: *See*—
Babson, Henry B., and Thomas.
Henrard, Fernand J. J. J.
Schilling, Lorell J.
Babson, Henry B., Chicago, and C. A. Thomas, Lake Forest, Ill., assignors to Babson Bros. Co. Milking parlor stall. 2,564,047, Aug. 14.
Babson, Robert D: *See*—
Bittenbender, William A., and Babson.
Babson, Roger W., Wellesley, Mass., assignor to Gravity-Research Foundation, New Boston, N. H. Stairway with movable handrail. 2,576,556, Nov. 27.
Bacca, Charles R., Covington, Ky. Electrical brake operating device. 2,551,523, May 1.
Baccaro, Peter R., Los Angeles, Calif. Spool rack. 2,556,249, June 12.
Baccei, Aldo E. and G. F., Woodland, Calif. Disk harrow squad hitch. 2,577,993, Dec. 11.
Baccei, Guido F.: *See*—
Baccei, Aldo E. and G. F.
Bacchi, Ray: *See*—
White, Ira M., and Bacchi.
Bace, Charles N., River Edge, N. J. Television cabinet with sliding removable chassis. 2,543,146, Feb. 27.
Bach, Emmon, Scarborough, J. P. Gratiot, New York, and O. L. Gore, Douglaston, N. Y., and G. B. Linderman, Jr., Washington, D. C., assignors, by mesne assignments, to The de Florez Company, Inc. Register control for web fed casemaking machines. 2,556,787, June 12.
Bach, Henry M., Woodmere, assignor, by mesne assignments, to A. A. Glass, New York, N. Y. Audiometer. 2,555,390, June 5.
Bach, Henry M., Woodmere, assignor, by mesne assignments, to A. A. Glass, New York, N. Y. Radio oscillator control. 2,555,391, June 5.
Bach, Niels B., New York, N. Y., assignor to The Mirrlees Watson Company Limited, Glasgow, Scotland. Removing suspended solids from liquids. 2,570,304, Oct. 9.
Bach, Robert I., Sondeled, Norway. Draught excluding arrangement for doors. 2,554,771, May 29.
Bach, Walter H., Los Angeles, Calif. Motion-picture camera reflex view finder. 2,551,085, May 1.
Bacharach, Rose, Elmhurst, N. Y. Combination greeting card and framed picture. 2,547,359, Apr. 3.
Bachelder, Le Roy B., Dayton, Ohio. Storm window. 2,573,681, Nov. 6.
Bachelet, Albert E., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Multifrequency generator. 2,541,320, Feb. 13.
Bacheller, "D" Flavius, Glendale, Calif., assignor to "Pump-It" Incorporated. Dispensing pump attachable to the neck of a container for viscous material, having an inlet conduit extending into said container. 2,547,109, Apr. 3.
Bacher, Frederick A.: *See*—
Trenner, Nelson R., and Bacher.

Bachle, Carl F., assignor to Continental Aviation and Engineering Corporation, Detroit, Mich. Rocker arm construction. 2,572,968, Oct. 30.
Bachli, Herman, and H. S. Shapiro, assignors to Chicago Specialty Mfg. Co. Inc., Chicago, Ill. Water aerating device. 2,541,854, Feb. 13.
Bachli, Herman, and H. S. Shapiro, assignors to Chicago Specialty Manufacturing Co., Chicago, Ill. Wrench having pivotal jaw cooperable with multisurfaced fixed jaw. 2,558,333, June 26.
Bachli, Herman, and H. S. Shapiro, assignors to Chicago Specialty Mfg. Co. Inc., Chicago, Ill. Pipe bender. 2,568,694, Sept. 25.
Bachman, Benjamin B., Philadelphia, and D. J. Macklin, St. Davids, Pa. Adjuster, track tension. 2,561,901, July 24.
Bachman, Carl O., Watertown, N. Y. Winding machine. 2,578,461, Dec. 11.
Bachman, Carl O., Watertown, N. Y. Mechanical movement. 2,579,642, Dec. 25.
Bachman, Fred E.: *See*—
Tack, Carl E., and Bachman.
Bachman, Fred E., assignor to American Steel Foundries, Chicago, Ill. Side bearing. 2,544,874, Mar. 13.
Bachman, William S., Fairfield, Conn., assignor to General Electric Company. Magnetic recording and reproducing system. 2,553,290, May 15.
Bachmann Bros. Inc., assignee: *See*—
McNeill, Albert G.
Bachmann, Jules, Dubendorf, assignor to M. Schneider, Zurich, Switzerland. Luggage carrier attached to the back-wheel stays of cycles. 2,539,381, Jan. 30.
Bachmann, Oscar, Zurich, Switzerland. Engraving machine. 2,561,436, July 24.
Bachmann, Oscar, Zurich, Switzerland. Engraving machine. 2,579,290, Dec. 18.
Bachmann Uxbridge Worsted Corporation, assignee: *See*—
Jasmin, Wilfred G., and Herlihy.
Rose, Paul R.
Smyth, Harold E.
Bachrach, Charles, assignor to The Delman Corporation, Des Moines, Iowa. Nozzle support. 2,576,435, Nov. 27.
Back, F. G., Video Corporation, assignee: *See*—
Back, Frank G.
Back, Frank G., assignor to F. G. Back Video Corporation, New York, N. Y. Reflecting optical mirror system. 2,561,774, July 24.
Back, Frank G., New York, and H. Lowen, Forest Hills, N. Y.; said Lowen assignor to said Back. Three-component lens system of the petzval type. 2,578,624, Dec. 11.
Back, Joseph B., Garden City, N. Y. Cigar wrapper. 2,559,000. July 3.
Back, Leonard, Middletown, Ohio, assignor to The Interstate Folding Box Company. Mechanism for sealing cartons. 2,550,516, Apr. 24.
Back, Leonard, assignor to The Interstate Folding Box Company, Middletown, Ohio. Apparatus for setting up cartons. 2,560,405, July 10.
Back, Selig, New York, N. Y. Cigar and cigarette lighter. 2,539,653, Jan. 30.
Backensto, Elwood B., Woodbury, N. J., assignor to Socony-Vacuum Oil Company, Incorporated. Sweetening hydrocarbon mixtures. 2,543,953, Mar. 6.
Backhouse, Headley T., assignee: *See*—
Tebbs, George W.
Backhouse, Headley T., Wentworth, England. Apparatus for registering sheets. 2,555,913, June 5.
Backman, William, Sacramento, Calif. Color-reflecting plastic button with central plug. 2,554,692, May 29.
Backman, William, Sacramento, Calif. Color-reflecting plastic button. 2,568,212, Sept. 18.
Backmark, Nils E. G., Hammarbyhojden, and K. E. I. Jansson, Enskede, assignors to Telefonaktiebolaget L M Ericsson, Stockholm, Sweden. Electrode system for trochotrons. 2,536,150, Jan. 2.
Backofen, Ryan, and G. L. Turner, Battle Creek, assignors to Clark Equipment Company, Buchanan, Mich. Material handling apparatus. 2,536,151, Jan. 2.
Bäckström, Sigurd M., assignor to Aktiebolaget Elektrolux, Stockholm, Sweden. Heating means, including a heat transfer system. 2,570,189, Oct. 9.
Backus, Carl, Cincinnati, Ohio. Adjustable spring tensioning of bed springs. 2,558,288, June 26.
Backus, Earl R., Glassport, Pa., assignor to United States Steel Company. Apparatus for lubricating metallic strips. 2,555,021, May 29.
Backus, Edward D., Mt. Pleasant, S. C. Drawer construction. 2,562,290, July 31.
Backus, Harold A., Merion Station, assignor to Bond Displays, Inc., Philadelphia, Pa. Method and apparatus for stereoscopic photography. 2,566,110, Aug. 28.
Bacon, Carlos W., Sr., assignee: *See*—
Benke, William.
Bacon, Clinton J., Los Angeles, and S. J. Kent, Van Nuys, Calif. Nailing machine. 2,546,354, Mar. 27.
Bacon, David L., North Haven, and J. E. McLoughlin, assignors to The Soundscriber Corporation, New Haven, Conn. Shock mount. 2,572,969, Oct. 30.
Bacon, Elbridge F., C. S. Comey, and M. F. Saxton, Flint, Mich.; said Bacon assignor to said Comey and said Saxton. Double-acting cupboard door catch. 2,552,390, May 8.
Bacon, Elbridge F., C. S. Comey, and M. F. Saxton, Flint, Mich., said Bacon assignor to said Comey and said Saxton. Door latch. 2,554,438, May 22.
Bacon, Jack C., Stamford, and W. F. Hart, Glenbrook, Conn., assignors to American Cyanamid Company, New York, N. Y. Chlorotriazine resins and making the same. 2,565,194, Aug. 21.
Bacon, Leslie R., and D. B. Conklin, assignors to Wyandotte Chemicals Corporation, Wyandotte, Mich. Composition for inhibiting sap stain. 2,549,358, Apr. 17.
Bacon, Leslie R., Wyandotte, and J. V. Otrhalek, Detroit, assignors to Wyandotte Chemicals Corporation, Wyandotte, Mich. Alkali metal salt-organic sulfoxy detergent compositions inhibited against deterioration of vitreous- and ceramic-ware surfaces. 2,575,576, Nov. 20.
Bacon, Ralph E. W., Manhattan Beach, Calif. Feeder for rabbits and poultry. 2,571,004, Oct. 9.
Bacon, Robert, Brooklyn, N. Y. Hair curler. 2,552,509, May 15.
Bacon, Walter M., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telegraph storage system. 2,569,443, Oct 2.
Bacon, Walter M., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Communication system. 2,572,831, Oct. 30.
Bacon, Walter M., New York, and E. F. Watson, Larchmont, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Communicating system. 2,560,266, July 10.
Bacon, William: *See*—
Davidson, Robert K., and Bacon.
Bactericidal Research, Inc., assignee: *See*—
Fuchs, Walter M.
Baddour, Maurice F., assignor to Designers for Industry, Inc., Cleveland, Ohio. Electric switch. 2,565,643, Aug. 28.
Bade, Alfred G., assignor to The Falk Corporation, Milwaukee, Wis. Variable-speed transmission. 2,578,914, Dec. 18.
Badeau, Carroll A.: *See*—
Greene, Donald L., and Badeau.
Badeaux, James H., Madison, Wis. Multiple control valve. 2,539,221, Jan. 23.
Badenhausen, John P., Meadowbrook, Pa. Furnace grate. 2,563,388, Aug. 7.
Badenoch, Benjamin W., Los Angeles, Calif. Cooking device. 2,569,365, Sept. 25.
Bader, James B., Webster Groves, Mo., assignor, by mesne assignments, to Missouri Automatic Control Corporation. Defrosting control. 2,541,145, Feb. 13.
Bader, Stephen, Rockville Centre, N. Y. Belt grinding and polishing machine. 2,578,662, Dec. 18.
Badertscher, Darwin E.: *See*—
Schick, John W., Hartough, and Badertscher.
Badertscher, Darwin E., and C. F. Feasley, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated. Mineral oil composition. 2,543,542, Feb. 27.
Badertscher, Darwin E., and W. H. King, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated. Refining hydrocarbon lubricating oils. 2,546,916, Mar. 27.
Badger, George M., Jr.: *See*—
Pettefer, Robert L., and Badger.
Badger, Harry M., assignor to Landers, Frary, & Clark, New Britain, Conn. Heating system for containers. 2,541,321, Feb. 13.
Badger Shirt Company, The, assignee: *See*—
Lange, Frank C.
Badger Wire & Iron Works, Inc., assignee: *See*—
Hornik, Joseph, Sr.
Badgley, Jarvis E.: *See*—
Morrison, Robert H., and Badgley.
Badgley, Robert F., Wyoming, W. A. Wilken, Cincinnati, Ohio, and C. Tietig, Covington, Ky. Automatic comparator for records. 2,580,270, Dec. 25.
Badische Uhrenfabrik G. m. b. H., assignee: *See*—
Paül, Wilhelm H., and Trenkle.
Baechli, George, assignor to Joy Manufacturing Company, Franklin, Pa. Coal feeder elevator. 2,543,518, Feb. 27.
Baechli, George, New Philadelphia, Ohio, assignor to Joy Manufacturing Company. Material handling apparatus. 2,543,519, Feb. 27.
Baehr, Carl G., West Haven, assignor to The Greist Manufacturing Company, New Haven, Conn. Cloth-holding device for buttonhole attachments. 2,547,921, Apr. 10.
Baenziger, Leonard N., assignor to Royal Electric Company, Inc., Pawtucket, R. I. Lag fuse. 2,557,587, June 19.
Baer, Charles A.: *See*—
Alexander, Collin H., and Baer.
Baer, Edward G., assignor to The Will-Burt Company, Orrville, Ohio. Coal metering and cleanout block for stokers. 2,569,969, Oct. 2.
Baer, Massimo, Indian Orchard, Mass., assignor to Monsanto Chemical Company, St. Louis, Mo. Stabilized halogen-containing resins. 2,561,044, July 17.
Baer, Massimo, Springfield, Mass., assignor to Monsanto Chemical Company, St. Louis, Mo. Reaction of aminotriazine-aldehyde with vinyl acetate-maleic copolymer. 2,553,524, May 15.

Baer, Massimo, Springfield, Mass., assignor to Monsanto Chemical Company, St. Louis, Mo. Preparing heteropolymers of unsaturated carboxylic acids with esters of unsaturated alcohols. 2,562,852, July 31.

Baer, Massimo, Springfield, Mass., assignor to Monsanto Chemical Company, St. Louis, Mo. Insolubilization of water-soluble copolymers. 2,562,853, July 31.

Baer, Massimo, Springfield, Mass., assignor to Monsanto Chemical Company, St. Louis, Mo. Crosslinked sulfonated polystyrene. 2,580,271, Dec. 25.

Baertl, Paul, Zurich, Switzerland. Heat responsive electric switch. 2,542.889, Feb. 20.

Baertschi, Fred P., South Beloit, and F. R. Nelson, Rockford, Ill., said Nelson assignor to said Baertschi. Overhead traveling carrier. 2,538,752, Jan. 23.

Baerwald, Walter H., and A. A. Berg, assignors to Berg Mfg. & Sales Co., Chicago, Ill. Saddle tank. 2,557,250, June 19.

Baëza, Walter J., New York, N. Y., assignor to H-P-M Development Corporation, Wilmington, Del. Apparatus for molding flanged workpieces. 2,562,876, Aug. 7.

Bagdigian, Nishan S., Charlestown, Mass., assignor of one-half to A. A. Arabian, Providence, R. I. Method and package for preserving food. 2,569,217, Sept. 25.

Baggerud, Oscar J., Jersey City, N. J. Ship's bow construction. 2,543,654, Feb. 27.

Baggott, Edmund W., Brooklyn, assignor to Ideal Novelty & Toy Co., Hollis, N. Y. Toy vehicle. 2,540,317, Feb. 6.

Baggott, Edmund W., New York, N. Y., assignor to Ideal Toy Corporation. Toy wheel construction. 2,566,111, Aug. 28.

Baggott, Edmund W., New York, N. Y., assignor to Ideal Toy Corporation. Toy vehicle with demountable body. 2,576,990, Dec. 4.

Baggs, Harry H., Yuma, Ariz. Screen attachment for vehicle ventilator windows. 2,544,003, Mar. 6.

Baggs, Robert N., Haddonfield, N. J., assignor to International Resistance Company, Philadelphia, Pa. Container for resistors or the like. 2,558,920, July 3.

Bagienski, Frank W.: *See*—
Hultquist, Martin E., and Bagienski.

Bagley, Glen D.: *See*—
Bohnet, William J., and Bagley.

Bagley, John F., Jr., South Hadley, assignor to Stanley Home Products, Inc., Westfield, Mass. Wringable mop construction. 2,550,397, Apr. 24.

Bagley, Joseph C., Selma, Ala. Nut pickup device. 2,540,857, Feb. 6.

Bagnall, Joseph C., Jr., Attleboro, Mass., assignor to Swank, Inc. Cuff link with tilting head. 2,548,930, Apr. 17.

Bagnasco, Dante V., Brooklyn, N. Y. Safety pin. 2,546,662, Mar. 27.

Bagnato, Vito, Woodside, N. Y. Convertible jacket. 2,542,300, Feb. 20.

Bagon, Abram, Brussels, Belgium. Railway sleeper. 2,538,437, Jan. 16.

Baguley, Eric: *See*—
Weston, William K., and Baguley.

Bahan, George F., Greenville, S. C. Warp tension set mark eliminator. 2,555,055, June 5.

Bahnson, Fred F., Winston Salem, N. C. Yarn heating cabinet. 2,538,349, Jan. 16.

Bahr, Henry H., assignor to Guaranteed Buff Co., Inc., New York, N. Y. Construction of buffing wheels. 2,559,385, July 3.

Bahr, Henry H., assignor to Guaranteed Buff Co., Inc., New York, N. Y. Ventilated spoke-wheel buff. 2,562,688, July 31.

Bahr, Henry H., assignor to Guaranteed Buff Co., Inc., New York, N. Y. Wheel for buffing. 2,572,092, Oct. 23.

Bahr, Henry H., New York, and G. Becker, Queens Village, assignors to Guaranteed Buff Co., Inc., New York, N. Y. Buffing wheel structure. 2,572,093, Oct. 23.

Bahr, William D., West Allis, Wis. Fish pole holder. 2,541,146, Feb. 13.

Bahre, George L., Meriden, Conn. Stereoscopic magnifier. 2,559,698, July 10.

Bahre, Robert P., Suffield, Conn. Tractor mounted distributor. 2,537,202, Jan. 9.

Baia, Philip, Highland Park, Mich. Two-speed rewind device. 2,555,671, June 5.

Baideme, Anthony, and E. M. Cowan, Westfield, N. Y., said Baideme assignor to said Cowan. Hydraulically controlled tractor mounted hoe. 2,539,174, Jan. 23.

Baier, Willard E.: *See*—
Stevens, Jesse W., Pritchett, and Baier.

Bailey, Alvin Z., Yellow Springs, Ohio. Universal support for typewriter paper. 2,546,143, Mar. 27.

Bailey, Arthur J.: *See*—
Bonnell, Gordon H., Bailey, and Garlick.

Bailey, Benjamin F., Ann Arbor, Mich., assignor, by mesne assignments, to The Electric Auto-Lite Company, Toledo, Ohio. Periodic interrupter for direction signals with voltage compensation. 2,560,539, July 17.

Bailey, Benjamin F., Ann Arbor, Mich., assignor, by mesne assignments, to The Electric Auto-Lite Company, Toledo, Ohio. Directional signal and circuits therefor. 2,572,094, Oct. 23.

Bailey, Bradford E., Elizabeth, N. J., assignor to Standard Oil Development Company. Equipment for removal of entrained solids. 2,574,370, Nov. 6.

Bailey, Carl W., Concrete, Wash. Concrete fence post. 2,578,165, Dec. 11.

Bailey, Christopher E. G., London, England, assignor to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Control system for electronic decoders. 2,569,970, Oct. 2.

Bailey Company, Incorporated, The, assignee: *See*—
Bailey, David C.

Bailey, Dana L., Rock Hill, S. C., and R. C. Bard, Dumont, N. J., assignors to Celanese Corporation of America. Candle filter. 2,574,521, Nov. 13.

Bailey, David C., assignor to The Bailey Company, Incorporated, Amesbury, Mass. Glass run channel. 2,555,952, June 5.

Bailey, Edgar P.: *See*—
Buckley, Charles W., and Bailey.

Bailey, Edna E., Mount Morris, Mich. Portable garment hanger. 2,577,397, Dec. 4.

Bailey, Edward A.: *See*—
Schulz, Edward L., and Bailey.

Bailey, Edward T. W., Hamilton, Ontario, Canada. Flame divergence controlling means for fuel oil burners. 2,578,121, Dec. 11.

Bailey, Edwin R., Grand Rapids, Mich. Rubber conduit cleaner of the plunger type. 2,544,290, Mar. 6.

Bailey, Ervin G., Easton, Pa., and P. S. Dickey, East Cleveland, Ohio, assignors, by mesne assignments, to The Babcock & Wilcox Company, New York, N. Y. Control system. 2,546,119, Mar. 20.

Bailey, Ervin G., Easton, Pa., and R. M. Hardgrove, Westfield, assignors to The Babcock & Wilcox Company, Rockleigh, N. J. Aerating feeding of pulverized materials. 2,559,557, July 3.

Bailey, Francis M., Scotia, N. Y., assignor to General Electric Company. Direct-current amplifier. 2,570,088, Oct. 2.

Bailey, Fred V., assignee: *See*—
Bailey, Walter H.

Bailey, Frederick S., Morristown, N. J., assignor to National-Standard Company. Metal sheet drying oven. 2,553,029, May 15.

Bailey, Frederick S., Morristown, N. J., assignor to National-Standard Company. Metal sheet drying oven. 2,568,695, Sept. 25.

Bailey, Herbert O., Springfield, N. J., assignor to Standard Oil Development Company. Liquid level gauge viewing device. 2,547,731, Apr. 3.

Bailey, James, Bridgeport, Conn., assignor to General Electric Company. Rotary shelf cabinet. 2,570,747, Oct. 9.

Bailey, James, West Hartford, assignor to Plax Corporation, Hartford, Conn. Method of and apparatus for manufacturing plastic sheets. 2,545,868, Mar. 20.

Bailey, James, assignor to Plax Corporation, West Hartford, Conn. Multiple fiber strand. 2,545,869, Mar. 20.

Bailey, James, assignor to Plax Corporation, West Hartford, Conn. Manufacture of lay flat tubing. 2,559,386, July 3.

Bailey, Joseph W., Sr., Murphy, N. C. Fire escape device. 2,569,597, Oct. 2.

Bailey, Laurelle W., Los Angeles, Calif. Mail sorting apparatus. 2,564,185, Aug. 14.

Bailey, Laurelle W., Los Angeles, Calif. Rapid service means. 2,569,366, Sept. 25.

Bailey, M. Emmett, assignee: *See*—
Rekdahl, Wallace H.

Bailey, Maurice E., Orchard Park, assignor to Allied Chemical and Dye Corporation, New York, N. Y. Recovery of naphthoquinone. 2,536,833, Jan. 2.

Bailey Meter Company, assignee: *See*—
Barnard, Clayton H.
Dickey, Paul S.
Dueringer, Walter E.
Fellows, Frank H., and Weaver.
Green, Thomas A.
Hartman, Carl D.
Hoffman, Howard T., and Hornfeck.
Hornfeck, Anthony J.
Howe, Thomas H.
Johnson, Clarence.
McEvoy, James E.
Rutherford, Victor S., and Hornfeck.
Sawyer, Harold T.
Shannon, Jack F.
Swain, Ralph R.

Bailey, Miles E., Tonawanda, assignor to Remington Rand Inc., Buffalo, N. Y. Machine for securing photographic film in statistical record cards. 2,555,218, May 29.

Bailey, Paul W., Oakland, Calif. Washbasin for use in automobiles. 2,547,613, Apr. 3.

Bailey, Raymond M., assignee: *See*—
Biner, George M.

Bailey, Raymond W., Akron, Ohio. Fishing lure. 2,558,121, June 26.

Bailey, Richard B., and C. C. Watkins, assignors to Zehung Chemical Company, Portland, Oreg. Cation-exchange phenolic resin compositions and producing them. 2,541,909, Feb. 13.

Bailey, Robert E., Mishawaka, Ind., assignor to United States Rubber Company, New York, N. Y. Making flexible fuel tanks. 2,558,807, July 3.

Bailey, Robert H., Port Washington, N. Y. Automatic stepless transmission. 2,553,126, May 15.

Bailey, Robert S., assignor to International Standard Electric Corporation, New York, N. Y. Gamma ray directional receiver. 2,551,576, May 8.
Bailey, Robert S., assignor to International Standard Electric Corporation, New York, N. Y. Transverse traveling wave amplifier. 2,559,581, July 10.
Bailey, Robert S., assignor to International Standard Electric Corporation, New York, N. Y. Microwave generator. 2,559,582, July 10.
Bailey, Roy W., and J. T. Faull, assignors to Detroit Power Screwdriver Company, Detroit, Mich. Injector mechanism. 2,577,946, Dec. 11.
Bailey, Theodore, Habana, Cuba. Dry shaver. 2,573,758, Nov. 6.
Bailey, Thomas S., Jr., assignor to Mining Process and Patent Company, Denver, Colo. Concentrator for minerals in fine sized ranges. 2,558,724, July 3.
Bailey, Walter H., Columbus, Ohio, assignor to F. V. Bailey, Birmingham, Ala. Weed deflector for fishing lures. 2,539,605, Jan. 30.
Bailey, Wilba A., National City, Calif. Protective cover for animals. 2,539,606, Jan. 30.
Bailey, Wilfred, Fleet, and J. Roy, South Farnborough, assignors to Power Jets (Research and Development) Ltd., London, England. Gas diffusers for air supplied to combustion chambers. 2,556,161, June 12.
Bailey, Willard A., Plano, Ill. Mobile disk projector for shuffleboards. 2,567,313, Sept. 11.
Bailey, William A., Jr.: *See*—
Bennett, Clarence S., and Bailey.
Bailey, William D., Jr., Oakland, Calif. Vehicle hood and bumper construction. 2,569,218, Sept. 25.
Bailey, William R.: *See*—
Blinn, Welford C., and Bailey.
Bailhe, George, Brooklyn, N. Y. Cable mooring pennant. 2,561,487, July 24.
Baillie, Milton C., Fort McPherson, Ga. Automatically actuated illuminating means for containers provided with hinged closures. 2,572,095, Oct. 23.
Baillod, Charles A., Bell Gardens, Calif. Automatic traverse stop and tool retractor. 2,568,977, Sept. 25.
Baily, Thaddeus F., Canton, Ohio. Making silvery iron from blackband ore. 2,536,020, Jan. 2.
Bain, Carl C., assignor of thirty per cent to H. D. Bain, twenty per cent to C. C. Bain, Jr., and twenty per cent to C. Holloway, Jr., Pittsburgh, Pa. Awning of the ventilated panel type. 2,565,294, Aug. 21.
Bain, Carl C., Jr., assignee: *See*—
Bain, Carl C.
Bain, Earl R., Chanute, Kans., assignor of one-half to V. D. Gill, Kansas City, Mo. Reel oven loading and discharging device. 2,552,759, May 15.
Bain, Edward, Vauxhall, Alberta, Canada. Earth-moving scraper bowl. 2,558,531, June 26.
Bain, Fillmore F., and O. Broun, Baltimore, Md., assignors, by mesne assignments, to Armco Steel Corporation. Wire drawing apparatus. 2,570,748, Oct. 9.
Bain, Helen D., assignee: *See*—
Bain, Carl C.
Bain, Joseph C., and F. R. East, Toronto, Ontario, Canada. Packaging machine having article receiving and transferring sections for handling articles in group formation. 2,544,125, Mar. 6.
Bain, Leonard C., Alexandria, Ala. Railway vehicle rerailer. 2,564,557, Aug. 14.
Bainbridge, Kenneth T., Santa Fe, N. Mex., assignor, by mesne assignments, to the United States of America as represented by the Secretary of War. Directional radar system. 2,577,502, Dec. 4.
Bainbridge, Marvin, Kahului, W. P. Tuttle and H. J Baldwin, Paia, and E. S. Sheffield, Jr., Kahului, assignors to Maui Pineapple Company, Limited, Paia, Hawaii. Apparatus for harvesting pineapples. 2,576,991, Dec. 4.
Bainbridge, Marvin, Kahului, W. P. Tuttle and H. J. Baldwin, Paia, and E. S. Sheffield, Jr., Kahului, assignors to Maui Pineapple Company, Ltd., Paia, Hawaii. Harvesting machine. 2,576,992, Dec 4.
Baines, Richard, Preston, England. Fireplace with movable reflector. 2,559,271, July 3.
Baines, Richard H.: *See*—
Hibbert, Harold M., Holroyd, and Baines.
Baines, Richard H., T. Eccles, and S. M. Fulton, Spondon, near Derby, England, assignors to Celanese Corporation of America. Textile apparatus. 2,569,649, Oct. 2.
Baird, Bruce M., Phillips, Tex., assignor to Phillips Petroleum Company. Process and apparatus for drying hydrogel. 2,558,206, June 26.
Baird, Clyde O.: *See*—
Nycum, Homer C., and Baird.
Baird, Harry D., assignor of fifty per cent to J. Schlossberg, Baltimore, Md. Bill dispensing pocket book. 2,546,815, Mar. 27.
Baird, John Logie, Limited, assignee: *See*—
Anderson, Edward G. O.
Baird, Raymond C., assignor to The Fluor Corporation, Ltd., Los Angeles, Calif. Valve controlled silencer. 2,563,509, Aug. 7.
Baird-Sturdevant Company, Inc., assignee: *See*—
Sturdevant, Lyn E.
Baird, William, and G. P. Crowley, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited. Detergent compositions. 2,576,913, Dec. 4.
Baird, William, E. G. Parry, and T. E. Thompson, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited. Detergent composition. 2,577,503, Dec. 4.
Bairstow, Paul J., Cleveland Heights, Ohio, and S. E. Tarby, Pittsburgh, Pa., assignors to The American Steel and Wire Company of New Jersey. Lubricating tungsten carbide die holder. 2,539,716, Jan. 30.
Baizer, Manuel M., Flushing, assignor to New York Quinine and Chemical Works, Incorporated, Brooklyn, N. Y. Alkaloid manufacture. 2,544,291, Mar. 6.
Baizer, Manuel M., Flushing, N. Y., and R. P. Williams, Englewood, N. J., assignors to New York Quinine and Chemical Works, Incorporated, Brooklyn, N. Y. Manufacture of dihydrocodeinone. 2,577,947, Dec. 11.
Baizer, Manuel M., Flushing, assignor to New York Quinine and Chemical Works, Incorporated, Brooklyn, N. Y. Manufacture of dihydroisocodeine. 2,577,948, Dec. 11.
Bakanau, Frank E., Nutley, assignor to Tung-Sol Lamp Works, Inc., Newark, N. J. Machine for sealing in miniature incandescent lamp bulb mounts. 2,549,359, Apr. 17.
Bakels, Pieter S., Geleen, assignor to De Directie van de Staatsmijnen in Limburg, acting for and on behalf of the State of the Netherlands, Heerlen, Netherlands. Method and apparatus for treating separating suspensions. 2,569,141, Sept. 25.
Baker, Aaron A., Coalinga, assignor to Baker Oil Tools, Inc., Vernon, Calif. Bridge plug. 2,555,627, June 5.
Baker, Allister L.: *See*—
Hilman, Conway D., and Baker.
Baker, Arthur D.: *See*—
Hugo, Lester A., and Baker.
Baker, Arvid H., Port Allegany, assignor to Pittsburgh Corning Corporation, Allegheny County, Pa. Lehr temperature control. 2,544,947, Mar. 13.
Baker, Augustus L., Wrentham, Mass. Heating apparatus. 2,550,754, May 1.
Baker Axle Company, assignee: *See*—
Baker, Erle K.
Baker, Barbara R., and F. C. Zartman, New York, N. Y. Hairband. 2,560,267, July 10.
Baker, Benjamin P., Turtle Creek, Pa., and O. von Mehren, Lorain, Ohio, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Circuit interrupter. 2,542,790, Feb. 20.
Baker, Bertrand M., Grand Rapids, Mich. Roller bearing drawer guide. 2,574,162, Nov. 6.
Baker, Bill P., Inglewood, and L. J. Lyons, Los Angeles, assignors to Northrop Aircraft, Inc., Hawthorne, Calif. Fuel tank vent valve. 2,544,820, Mar. 13.
Baker Bros. Inc., assignee: *See*—
Hallenbeck, Thomas L.
Baker, Bruce E., Stanbridge East, L. Brickman, Montreal, and L. E. Ryan, Dorval, Quebec, Canada, assignors to Monsanto Chemical Company, St. Louis, Mo. Producing sulfanilylthioureas. 2,547,147, Apr. 3.
Baker, Burton D.: *See*—
Hensley, James R., and Baker.
Baker, Burton P., Detroit, Mich. Plant control for hydroelectric generators. 2,548,462, Apr. 10.
Baker, Carl A., Van Nuys, and B. Schechter, Montebello, assignors of one-third to L. A. Adler, Van Nuys, Calif. Stone sawing machine. 2,557,251, June 19.
Baker, Carlos J.: *See*—
Statham, Louis D., and Baker.
Baker Castor Oil Company, The, assignee: *See*—
Colbeth, Ivor M.
Smith, Malcolm K.
Baker, Charles P.: *See*—
King, L. D. Percival, Baker, and Schreiber.
Baker, Chester A., Glen Ridge, N. J., and G. W. Mathews, New York, N. Y. Apparatus for quick-freezing foods. 2,537,390, Jan. 9.
Baker, Claude R., Chapel Hill, N. C. Apparatus for forming molds and investing patterns. 2,568,978, Sept. 25.
Baker & Co., Inc., assignee: *See*—
Baker, Reuben C.
Dowson, Arthur G.
Russell, Harry J.
Stumbock, Max J., and Bayes.
Waller, Milton M.
Baker, Connie D., Sr.: *See*—
Goodgame, Jesse B., and Baker.
Baker, Corwin W., Hamilton, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Stitch separating machine. 2,558,725, July 3.
Baker, Corwin W., Hamilton, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Welt indenting machine. 2,574,611, Nov. 13.
Baker, David B.: *See*—
Hagen, Clarence R., and Baker.
Baker, Donald C.: *See*—
McBerty, Robert K., and Baker.
Noble, Frank W., and Baker.
Baker, Donald J., Los Angeles, Calif. Pickup with reed of magnetic material. Re. 23,327, Jan. 16.
Baker, Donald J., Los Angeles, Calif. Electromagnetic recording and reproducing sound head. 2,547,360, Apr. 3.

Baker, Donald J., Los Angeles, Calif. Pickup head using torsional mount for armatures. 2,547,361, Apr. 3.
Baker, Dwight L., assignor to B. L. Sarett, Chicago, Ill. Making foam rubber articles. 2,540,040, Jan. 30.
Baker, Erle K., Detroit, Mich., assignor to Baker Axle Company, Cleveland, Ohio. Multiple pump unit for a well installation. 2,552,762, May 15.
Baker, George A., and W. Hunter, Spondon, near Derby, England, assignors to Celanese Corporation of America. Catalytic oxidation of alkyl benzenes to produce aryl alkyl ketones and carbinols. 2,545,870, Mar. 20.
Baker, George H., Morristown, and P. H. Smith, Denville, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Coaxial line coupler. 2,572,970, Oct. 30.
Baker, George T.: *See*—
Taylor, Reginald, and Baker.
Baker, George T., Liverpool, England, assignor to Automatic Electric Laboratories, Inc., Chicago, Ill. Allotter switch for preassigning idle finder switches. 2,540,644, Feb. 6.
Baker, George T., assignor to Automatic Telephone & Electric Company Limited, Liverpool, England. Photographic recording apparatus. 2,544,440, Mar. 6.
Baker, George T., assignor to Automatic Telephone & Electric Company Limited, Liverpool, England. Telephone line identification system. 2,547,804, Apr. 3.
Baker, George T., assignor to Automatic Telephone & Electric Company Limited, Liverpool, England. Line identification system. 2,550,181, Apr. 24.
Baker, George T., Liverpool, England, assignor to Automatic Electric Laboratories Inc., Chicago, Ill. Binary calculator. 2,552,760, May 15.
Baker, George T., assignor to Automatic Telephone & Electric Company Limited, Liverpool, England. Number display arrangement. 2,552,761, May 15.
Baker, George T., assignor to Automatic Telephone & Electric Company Limited, Liverpool, England. Display arrangement. 2,556,640, June 12.
Baker, George T., assignor to Automatic Telephone & Electric Company Limited, Liverpool, England. Electronic counting arrangement. 2,575,087, Nov. 13.
Baker, George W., New York, N. Y. Hot cathode electron tube which requires no external cathode heating circuit. 2,563,573, Aug. 7.
Baker, George W., and W. E. Conley, Jr., Milwaukee, and A. M. Olson, Wauwatosa, assignors to Chain Belt Company, Milwaukee, Wis. Apparatus for delivering cans in reoriented position. 2,538,408, Jan. 16.
Baker, Hal, Boise, Idaho. Nail pulling device. 2,557,045, June 12.
Baker, Harold E., Danvers, and C. A. Young, Gloucester, assignors to Sylvania Electric Products Inc., Salem, Mass. Guide for electrode mounts. 2,549,046, Apr. 17.
Baker, Harold L., Fresno, and R. D. Van Tassell, Danville, Calif. Recapping and retreading mold. 2,567,985, Sept. 18.
Baker, Harold T., Baton Rouge, La., assignor to Standard Oil Development Company. Hydrocarbon synthesis. 2,560,325, July 10.
Baker, Harry E., Macomb, Ill. Poultry feeder. 2,552,660, May 15.
Baker, Harry N., Portland, Oreg. Weather seal for exterior doors and windows. 2,549,284, Apr. 17.
Baker, Herbert F., assignor to General Motors Corporation, Detroit, Mich. Engine control mechanism. 2,572,096, Oct. 23.
Baker, Herbert N., assignor to Syracuse Chilled Plow Co., Inc., Syracuse, N. Y. Plow bottom. 2,557,588, June 19.
Baker, Ignatius D., Los Angeles, Calif. Shoveling machine. 2,568,702, Sept. 25.
Baker, J. T., Chemical Co., assignee: *See*—
Gardner, John H., and Stevens.
Baker, James A., Milwaukee, Wis., and F. A. Hunter, Jr., Clayton, Mo. Ham packaging bag. 2,536,834, Jan. 2.
Baker, James G., Orinda, Calif., assignor to The Perkin-Elmer Corporation, Glenbrook, Conn. Telephoto type objective lens. 2,576,436, Nov. 27.
Baker, John B., assignor to The Timken Roller Bearing Company, Canton, Ohio. Drill rod with adapter. 2,569,275, Sept. 25.
Baker, John C., East Cleveland, assignor, by mesne assignments, to The Ohio Rubber Company, Willoughby, Ohio. Cleaning metal articles of adherent rubber and the like. 2,571,328, Oct. 16.
Baker, John F.: *See*—
Sanford, Hugh W., and Baker.
Baker, John G., assignor to Baker Manufacturing Company, Evansville, Wis. Motion converting mechanism. 2,549,561, Apr. 17.
Baker, John G., assignor to Baker Manufacturing Company, Evansville, Wis. Power-driven operator. 2,549,562, Apr. 17.
Baker, John H., Salida, Colo. Stirrup buckle and strap. 2,567,314, Sept. 11.
Baker, John S.: *See*—
Hasselhorn, Walter C., and Baker.
Baker, John S., assignor to Cook Electric Company, Chicago, Ill. Button type arrester. 2,545,867, Mar. 20.
Baker, John S., assignor to Cook Electric Company, Chicago, Ill. Time-delay relay mechanism. 2,552,614, May 15.
Baker, Kenneth L.: *See*—
Bowersett, Charles F., Baker, and Axelson.
Baker, Laurence M., assignor to The General Tire and Rubber Company, Akron, Ohio. Pneumatic tire curing bag and making same. 2,564,662, Aug. 21.
Baker, Leonard, Hillsdale, N. J., assignor to Dexter Folder Company, Pearl River, N. Y. Sheet feeding apparatus. 2,556,895, June 12.
Baker, Leonard, Hillsdale, N. J., and W. E. Schneider, assignors to Dexter Folder Company, Pearl River, N. Y. Sheet feeding apparatus. 2,564,417, Aug. 14.
Baker, Leonard S., Clarksdale, Miss. Knockdown pedestal table with storage receptacle. 2,568,534, Sept. 18.
Baker, Leslie C., and J. F. Haines, London, England, assignors, by mesne assignments, to International Standard Electric Corporation, New York, N. Y. Apparatus for manufacturing tubulated bulbs from glass tubing. 2,549,762, Apr. 24.
Baker, Loyal S., assignor to Consolidated Vultee Aircraft Corporation, San Diego, Calif. Electrical socket for incandescent lamps and mountings therefor. 2,536,710, Jan. 2.
Baker, Malvern S., Muskegon, assignor to Continental Motors Corporation, Detroit and Muskegon, Mich. Transmission synchronizer. 2,547,732, Apr. 3.
Baker, Malvern S., assignor to Continental Motors Corporation, Muskegon, Mich. Power transmitting device. 2,557,529, June 19.
Baker Manufacturing Company, assignee: *See*—
Baker, John G.
Baker, Millard H., St. Louis, Mo., assignor to Fairbanks, Morse & Co., Chicago, Ill. Multistage rotary pump. 2,574,724, Nov. 13.
Baker Oil Tools, Inc., assignee: *See*—
Baker, Aaron A.
Baker, Reuben C.
Clark, Earnest H., Jr.
King, Charles M.
Kofahl, Jacob L.
Ragan, Thomas M.
Baker Perkins Incorporated, assignee: *See*—
Clark, William W.
Engles, Eugene O., and Tiedke.
Hart, John.
Ott, Conrad L.
Pointon, John E.
Sperling, Ezra F.
Tunley, Allan A.
Baker, Ralph B., Springfield, Pa., assignor to American Viscose Corporation, Wilmington, Del. Treating acrylonitrile copolymers with sulfuric acid followed by dyeing with acetate dyes. 2,548,853, Apr. 17.
Baker-Raulang Company, The, assignee: *See*—
Lawless, Nathan M.
Lehmann, Max.
Remde, Edward H.
Stoner, Frank.
Baker, Raymond S., Binghamton, N. Y., assignor to Link Aviation, Inc. Sheath removing machine. 2,559,387, July 3.
Baker, Reuben C., Coalinga, assignor to Baker Oil Tools, Inc., Vernon, Calif. Casing centralizer. 2,546,582, Mar. 27.
Baker, Reuben C., Coalinga, assignor to Baker Oil Tools, Inc., Vernon, Calif. Underreamer. 2,548,931, Apr. 17.
Baker, Reuben C., Coalinga, assignor to Baker Oil Tools, Inc., Vernon, Calif. Casing centralizer. 2,555,628, June 5.
Baker, Reuben C., Coalinga, assignor to Baker Oil Tools, Inc., Vernon, Calif. Well packer. 2,562,079, July 24.
Baker, Reuben C., Coalinga, assignor to Baker Oil Tools, Inc., Vernon, Calif. Valve control for well tools. 2,569,437, Oct. 2.
Baker, Reuben C., Coalinga, assignor to Baker Oil Tools, Inc., Vernon, Calif. Well packer. 2,577,068, Dec. 4.
Baker, Robert M.: *See*—
Kincaid, Homer F., Graham, Baker, Wharff, and Redmond.
Baker, Robert M., Baltimore, Md., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. High-frequency oscillator. 2,545,985, Mar. 20.
Baker, Robert M., Catonsville, Md., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Radio frequency oscillator. 2,565,113, Aug. 21.
Baker, Robert M., Catonsville, Md., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Vacuum tube oscillator. 2,575,702, Nov. 20.
Baker, Ronald A., Los Angeles, Calif., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Prevention of corrosion in process of extracting mercaptans. 2,572,301, Oct. 23.
Baker, Robin, assignee: *See*—
Fleming, James C.
Baker, S. S., assignee: *See*—
McGoffin, William W.
Baker, Sherwood W.: *See*—
Mandolf, Henry I., and Baker.

Baker, Stanley L., Loveland, assignor to Institutum Divi Thomae Foundation, Cincinnati, Ohio. Concentrating yeast slurries. 2,546,250, Mar. 27.
Baker, Stanley L., Loveland, assignor to Institutum Divi Thomae Foundation, Cincinnati, Ohio. Drying yeast. 2,546,251, Mar. 27.
Baker, Stanley W.: *See*—
Davis, Charles S., Jr., Du Bois, and Baker.
Baker, Theodore C., Perrysburg, Ohio, assignor to Emhart Manufacturing Company. Machine for high-frequency determination of wall thickness of bottles and the like. 2,573,824, Nov. 6.
Baker, Vera F., San Francisco, Calif. Combined ironing board and clamp. 2,571,518, Oct. 16.
Baker, William R.: *See*—
Kerns, Quentin A., and Baker.
Panofsky, Wolfgang K. H., and Baker.
Baker, William R., Berkeley, Calif., assignor to the United States of America as represented by the United States Atomic Energy Commission. Regulated power supply. 2,579,223, Dec. 18.
Baker, Willis C., Long Beach, Calif. Mechanically actuated pipe thread protector. 2,547,992, Apr. 10.
Bakewell, Harding F., San Marino, Calif. Grinder for pigments and other materials. 2,556,641, June 12.
Bakewell, Harding F., San Marino, Calif. Hydraulic ram device with intermittent high-pressure fluid supply. 2,537,391, Jan. 9.
Bakewell, William E., Cedar Falls, Iowa. Discharge for liquids from a vehicle. 2,543,564, Feb. 27.
Bakke, Olaf: *See*—
Selinger, Anton, and Bakke.
Bakker, Pier, assignor to Automatic Electric Laboratories, Inc., Chicago, Ill. Connector switch for telephone systems. 2,542,272, Feb. 20.
Bakker, Pier, assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Multiexchange automatic telephone system. 2,548,191, Apr. 10.
Bakker, Pier, assignor to Automatic Electric Laboratories, Inc., Chicago, Ill. Community automatic exchange network. 2,579,721, Dec. 25.
Bakker, Willem, Arnhem, Netherlands, assignor to American Enka Corporation, Enka, N. C. Separator. 2,572,097, Oct. 23.
Bakker, Willem, Arnhem, and B. J. Blomberg, Velp, Netherlands, assignors to American Enka Corporation, Enka, N. C. Continuous spinning apparatus. 2,566,438, Sept. 4.
Bakst, Aaron, Flushing, and S. L. Ruskin, New York, N. Y. Cigar and cigarette lighter. Re. 23,435, Dec. 4.
Balabushka, George, assignor to Murray Shapiro, Brooklyn, N. Y. Folding leg bracket. 2,553,887, May 22.
Balassa, Ladislaus, Riverside, and N. C. Spencer, Newport, R. I., assignors to The United States Finishing Company, Norwich, Conn. Flame resistant fabric. 2,550,134, Apr. 24.
Balázs, George, assignor of twenty per cent to A. Matyl, New York, N. Y. Wood grooving machine. 2,542,615, Feb. 20.
Balcrank, Inc., assignee: *See*—
Shott, Allen T.
Baldé, Ulysse L. G., assignor to Société Anonyme: Compagnie Industrielle de Machines Automatiques de Comptabilite, Paris, France. Flexible connection box for tabulators. 2,569,879, Oct. 2.
Baldenhofer, William G.: *See*—
Wilson, John C., and Baldenhofer.
Baldine, Joseph J., Hubbard, Ohio. Game teaching apparatus. 2,579,105, Dec. 18.
Baldini, Louis, and J. Rossi, Scranton, Pa. Dispenser attachable to neck of liquid container, having a valve and a register with a common actuator. 2,541,188, Feb. 13.
Baldock, Charles W., Key West, Fla. Sextant attachment. 2,544,441, Mar. 6.
Baldridge, Bernard H., assignor to Electronics Research, Inc., Evansville, Ind. Television receiver testing apparatus. 2,559,388, July 3.
Baldsiefen, Walter D., Metuchen, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Silver halide emulsions. 2,540,085, Feb. 6.
Baldsiefen, Walter D., Metuchen, L. J. Conrad, New Brunswick, and R. N. Linkhart, Menlo Park, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Silver halide emulsions. 2,540,086, Feb. 6.
Balduzzi, Franco, Zurich, assignor to "Patelhold" Patentverwertungs- & Elektro-Holding A.-G., Glarus, Switzerland. Method of and apparatus for growing crystals. 2,571,651, Oct. 16.
Baldridge, Byron C.: *See*—
Reichardt, Emerald P., and Baldridge.
Baldwin, Burr C., Twin Falls, Idaho. Dirt eliminator for potato sorting machines. 2,546,713, Mar. 27.
Baldwin, Burr C., Twin Falls, Idaho. Sedimentation tank. 2,572,098, Oct. 23.
Baldwin, Charles F., Syracuse, N. Y., assignor to General Electric Company. Constant temperature oven 2,556,865, June 12.
Baldwin, Clyde P., Claremont, N. H., assignor to Joy Manufacturing Company. Mining machine feeding mechanism. 2,552,705, May 15.
Baldwin, Clyde P., Claremont, N. H., and H. H. Vanderzee, Racine, Wis., assignors to Joy Manufacturing Company. Hydraulically driven vehicle and cable reel motor control means. 2,562,881, Aug. 7.
Baldwin Company, The, assignee: *See*—
Bissonette, Alfred J.
Day, Wilbur M.
Jones, Edward M.
Jones, Edward M., and Williamson.
Jordan, John F.
Knoblaugh, Armand F.
Knoblaugh, Armand F., and Jordan.
Mork, Raymond P.
Schneider, Edward J.
Van Wye, John R.
Baldwin, Curtis C., Wichita, Kans., assignor to C. E. Hovey, trustee. Screw and nut transmission. 2,562,689, July 31.
Baldwin, Donald W., Los Angeles, W. G. Thompson, Pasadena, and W. A. Clements, Glendale, Calif., said Thompson and said Clements assignors to said Baldwin. Cylinder ridge grinder. 2,546,490, Mar. 27.
Baldwin, Edward T., River Forest, assignor to Teletype Corporation, Chicago, Ill. Feed out mechanism for telegraph printers. 2,536,528, Jan. 2.
Baldwin, Edward T., River Forest, assignor to Teletype Corporation, Chicago, Ill. Vertical tabulation mechanism for telegraph printers. 2,571,182, Oct. 16.
Baldwin, Eugene F., Los Angeles, Calif. Multiple contact switch construction. 2,558,412, June 26.
Baldwin, Francis P.: *See*—
Sparks, William J., Baldwin, and Newberg.
Baldwin, Francis P., Rahway, N. J., assignor to Standard Oil Development Company. Partially cured rubberlike cement. 2,547,733, Apr. 3.
Baldwin, Franklin H.: *See*—
Hill, Eugene F., and Baldwin.
Baldwin, Henry J.: *See*—
Bainbridge, Marvin, Tuttle, Baldwin, and Sheffield.
Baldwin-Hill Company, assignee: *See*—
Minnick, Leonard J.
Baldwin, Jack R.: *See*—
Hines, Judson T., and Baldwin.
Baldwin, John C., Bluefield, Va. Combined mine drill, timber jack, and mine post. 2,556,357, June 12.
Baldwin, John D., Jr., South Euclid, assignor to The Weatherhead Company, Cleveland, Ohio. Stamped valve handle. 2,577,838, Dec. 11.
Baldwin, John D., Jr., South Euclid, and C. H. Crawley, Euclid, assignors to The Weatherhead Company, Cleveland, Ohio. Hose coupling. 2,570,421, Oct. 9.
Baldwin, John M., Spokane, Wash. Water pump. 2,568,842, Sept. 25.
Baldwin-Lima-Hamilton Corporation, assignee: *See*—
Baldwin, Southard N.
Capuzzi, Edmund C.
Hyde, Lawrence K.
Lazan, Benjamin J.
Lewis, Frank M.
Macgeorge, William D.
Ruge, Arthur C.
Saari, Thomas A.
Schaevitz, Herman.
Schurr, Otto E.
Shirley, Paul S.
Tapper, Thomas P.
Tate, Malcolm C.
Baldwin, Philip S., Florence, Italy. Shaft packing. 2,552,391, May 8
Baldwin, Richard E., Couldson, assignor to Powers-Samas Accounting Machines Limited, London, England. Calculating machine. 2,544,126, Mar. 6.
Baldwin, Robert J., St. Louis County, assignor to McDonnell Aircraft Corporation, St. Louis, Mo. Hydraulic power unit for actuating aircraft control devices. 2,579,028, Dec. 18.
Baldwin Rubber Company, assignee: *See*—
Strobel, John R.
Baldwin, Southard N., Green Ridge, Pa., assignor to Baldwin-Lima-Hamilton Corporation. Press platen. 2,572,972, Oct. 30.
Baldwin, William J., Snyder, assignor, by mesne assignments, to National Lead Company, New York, N. Y. Enamel opacifier and use. 2,537,955, Jan. 16.
Baldwin, William J., Snyder, assignor, by mesne assignments, to National Lead Company, New York, N. Y. Enamel opacifier and using. 2,537,956, Jan. 16.
Balentine, Conrad J., Philadelphia, Pa., assignor to General Electric Company. Liquid blast interrupter for electric breakers. 2,539,175, Jan. 23.
Balentine, Conrad J., Philadelphia, Pa., assignor to General Electric Company. Electric circuit interrupter. 2,545,334, Mar. 13.
Bales, James E., assignor to Lyon Metal Products, Incorporated, Aurora, Ill. Fastening clip. 2,555,562, June 5.
Bales, Max G., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Flexible connection. 2,550,517, Apr. 24.
Bales, Raymond W., Fresno, Calif. Floor waxer. 2,557,214, June 19.
Balfour, Henry, & Co. Limited, assignee: *See*—
Burns, William L., and Bureau.

Balis, Earl W., and H. A. Liebhafsky, Schenectady, N. Y., assignors to General Electric Company. Treating resinous coatings and articles resulting therefrom. 2,551,232, May 1.

Balis, Earl W., and L. B. Bronk, Schenectady, N. Y., assignors to General Electric Company. Treating a resinous coating to wrinkle it and article resulting therefrom. 2,551,233, May 1.

Balkema, Bertrand B., Newport, assignor to Travelers Equipment Co., Grand Rapids, Mich. Grille unit and carrying case for portable stoves. 2,570,508, Oct. 9.

Ball, Alpheus M., Wilmington, Del., assignor, by mesne assignments, to the United States of America as represented by the Secretary of War. Flashless powder sheet. 2,577,298, Dec. 4.

Ball, Arthur F.: *See*—
Constantine, George R., and Ball.

Ball Brothers Company, assignee: *See*—
Pasotti, Felice G.

Ball Brothers Company Incorporated, assignee: *See*—
Ford, Karl L.
Pasotti, Felice G.

Ball, Charles F., Franklin, Pa., assignor to Joy Manufacturing Company. Material loading apparatus. 2,542,977, Feb. 27.

Ball, Charles F., Franklin, assignor to Joy Manufacturing Company, Pittsburgh, Pa. Yieldably mounted tiltable support for mine timbering machines. 2,574,857, Nov. 13.

Ball, Charles F., Franklin, Pa., assignor to Joy Manufacturing Company. Flight conveyer. 2,575,610, Nov. 20.

Ball, Charles F., and J. W. Woolf, Franklin, Pa., assignors to Joy Manufacturing Company. Steering operated control mechanism for electric motor drives of vehicles. 2,571,180, Oct. 16.

Ball, Charles O.: *See*—
Smith, Horace L., Jr., and Ball.

Ball, Charles W., assignee: *See*—
Wagers, Beverly T.

Ball, Eustace T., Fanwood, J. G. Ferguson, Rutherford, and J. E. Greene, Basking Ridge, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Switchboard. 2,577,101, Dec. 4.

Ball, F. M., & Co., assignee: *See*—
Luther, Paul E.

Ball, George W., Hartford, Conn. Hydraulic variable slip coupling. 2,572,834, Oct. 30.

Ball, Harvey W., assignor to The Morgan Engineering Company, Alliance, Ohio. Furnace charging machine peel. 2,565,904, Aug. 28.

Ball, Jack: *See*—
Goldfield, Edwin R., and Ball.

Ball, Jack, Cleveland, and E. B. Graves, South Euclid, assignors to Picker X-Ray Corporation Waite Manufacturing Division, Inc., Cleveland, Ohio. Photoelectric timer for X-ray apparatus. 2,541,187, Feb. 13.

Ball, Joseph A., Los Angeles, Calif., A. B. Jennings, New Brunswick, and O. W. Murray, Fords, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Multicolor motion-picture film with sound record. 2,551,086, May 1.

Ball, Joseph E., Roswell, N. Mex. Electrically heated table. 2,548,932, Apr. 17.

Ball, Laurence M., Birmingham, assignor to Chrysler Corporation, Highland Park, Mich. Strain gauge. 2,556,132, June 5.

Ball, Leo M., Houston, Tex. Crabbing device. 2,565,163, Aug. 21.

Ball, Lucy M., Pasadena, Calif. Crib cover. 2,571,406, Oct. 16.

Ball, Ralph: *See*—
Minch, Raymond, and Ball.

Ball, Reginald D.: *See*—
Ferguson, John M., and Ball.

Ball Re-Nu, Inc., assignee: *See*—
Driscoll, Frederick T., Smith, and Briggs.

Ball & Socket Manufacturing Co., The, assignee: *See*—
Hubbell, Leslie W.

Ball, Thomas M., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Internal-combustion engine governor. 2,544,520, Mar. 6.

Ball, Thomas M., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Transmission control apparatus. 2,548,138, Apr. 10.

Ball, Thomas M., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Carburetor. 2,551,719, May 8.

Ball, Thomas M., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Carburetor control. 2,571,181, Oct. 16.

Ballack, John, assignee: *See*—
Ridgeway, Allen T.

Ballam, Harold J., New Orleans, La. Seat mutilation signal system. 2,560,268, July 10.

Ballam, Richard J., and V. W. Friberg, Gardner, Mass. Mast or antenna supporting device. 2,556,460, June 12.

Ballantyne, George H., assignee: *See*—
Kirk, Cassius L.
Magnuson, Roy M.

Ballantyne, James C., Ferguson, assignor to Mallinckrodt Chemical Works, St. Louis, Mo. Formylation of 1,3-dimethyl-4,5-diaminouracil. 2,564,351, Aug. 14.

Ballantyne, Norman Z., Orofino, Idaho. Beam amplifier tube. 2,569,971, Oct. 2.

Ballard, Archibald H., Niagara Falls, Ontario, Canada, assignor, by mesne assignments, to the United States of American as represented by the United States Atomic Energy Commission. Molding refractory oxides. 2,538,959, Jan. 23.

Ballard, Archibald H., Niagara Falls, Ontario, Canada, assignor to Norton Company, Worcester, Mass. Molding zirconia. 2,567,592, Sept. 11.

Ballard, Charles E., Ogden, Utah. Board for demonstrating electric circuits. 2,568,535, Sept. 18.

Ballard, Charles U., Inglewood, Calif. Compensator. 2,546,055, Mar. 20.

Ballard, Dana R., Madera, Calif. Tire carrier support. 2,563,810, Aug. 14.

Ballard, Edward D., Orlando, Fla. Fire fighting nozzle. 2,567,176, Sept. 11.

Ballard, Edward D., Orlando, Fla. Fog-producing attachment for fire-fighting nozzles. 2,570,190, Oct. 9.

Ballard, Herman E., Berkeley, Calif. Hydraulic grease gun. 2,563,636, Aug. 7.

Ballard, Milton H.: *See*—
Gulbrandsen, Helge, Ballard, Linderoth, and Knowles.

Ballard, Randall C.: *See*—
Bedford, Alda V., and Ballard.

Ballard, Randall C., Trenton, N. J., assignor to Radio Corporation of America. Time interval indicating system. 2,537,569, Jan. 9.

Ballard, Seaver A.: *See*—
De Benedictis, Aldo, Ballard and Hearne.
Finch, Harry D., and Ballard.
Morris, Rupert C., Buls, and Ballard.
Smith, Curtis W., and Ballard.
Whetstone, Richard R., Raab, and Ballard.

Ballard, Seaver A., Orinda, and V. E. Haury, Simi, assignors to Shell Development Company, San Francisco, Calif. Diamine-fatty acid salts. 2,539,685, Jan. 30.

Ballard, Seaver A., Orinda, and R. R. Whetstone, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Modified partially hydrolyzed polymeric products of the condensation of unsaturated aldehydes and esters of the same. 2,554,973, May 29.

Ballard, Seaver A., Orinda, K. E. Furman, Berkeley, and H. de V. Finch, El Cerrito, assignors to Shell Development Company, San Francisco, Calif. Carboxylic acids from mercaptans. 2,572,238, Oct. 23.

Ballard, Wm. A., assignee: *See*—
Keckley, Harold M.

Ballastran Corporation, assignee: *See*—
Kiltie, Ordean.

Ballentine, John, Indianapolis, Ind. Runner attachment for baby carriages. 2,539,686, Jan. 30.

Ballentine, Richard E., Snyder, and R. L. Zimmer, Akron, N. Y., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Brazing alloys. 2,554,233, May 22.

Balletto, Paul, Douglaston, N. Y. Acid pump. 2,575,508, Nov. 20.

Ballew, Frank E., Woodland, Mich. Road marker. 2,578,497, Dec. 11.

Ballmer, Zephaniah H., Jr.: *See*—
Elwell, William E., and Ballmer.

Ballou, B. A., & Co., Incorporated, assignee: *See*—
Ballou, Frederick A., Jr.
Morehouse, Eugene.

Ballou & Boss, Inc., assignee: *See*—
Ballou, Lester W.

Ballou, Byron O., assignor to Eitel-McCullough, Inc., San Bruno, Calif. Capacitor for radio-frequency circuits. 2,576,770, Nov. 27.

Ballou, Frederick A., Jr., Providence, R. I., assignor to B. A. Ballou & Co., Incorporated. Securing device for the pin stem of a button or the like. 2,551,196, May 1.

Ballou, Lester W., Attleboro, Mass., assignor to Ballou & Boss, Inc. Reeling device. 2,579,291, Dec. 18.

Ballou, Richard P., Dover, Mass., assignor, by mesne assignments, to Federal Electric Products Company, Newark, N. J. Switch. 2,543,090, Feb. 27.

Ballou, Richard P., Hartford, Conn., assignor to Federal Electric Products Company, Newark, N. J. Key lock for push-button switches. 2,579,168, Dec. 18.

Ballou, Richard P., and D. F. Daly, Hartford, Conn., assignors to Federal Electric Products Company, Newark, N. J. Contact structure for electric switches. 2,546,663, Mar. 27.

Balluff, Albert W., Chicago, Ill. Daylight loading roll film developing tank. 2,562,877, Aug. 7.

Bally, Alfred, Bassersdorf, assignor to Maschinen fabrik Oerlikon, Zurich-Oerlikon, Switzerland. Circuit breaker. 2,556,056, June 5.

Balmer, Donald F., assignor to The Soundscriber Corporation, New Haven, Conn. Reprocessing phonograph record disks. 2,539,717, Jan. 30.

Balmer, Donald F., assignor to The Soundscriber Corporation, New Haven, Conn. Electrodynamic pickup. 2,542,457, Feb. 20.

Balmer, Donald F., New Haven, and F. E. Runge, Branford, assignors to The Soundscriber Corporation, New Haven, Conn. Recording pickup having torsion rods. 2,543,655, Feb. 27.

Balmforth, Norman, assignor to David Brown & Sons (Huddersfield), Limited, Huddersfield, England. Fluid engaged and released clutch. 2,559,337, July 3.

Balogh, Roy O., assignor to The Weatherhead Company, Cleveland, Ohio. Refrigeration accumulator and dehydrator. 2,548,335, Apr. 10.
Baloun, Harry F., Cleveland, Ohio. Collapsible fishing net. 2,536,251, Jan. 2.
Baloun, Harry F., Cleveland, Ohio. Gaffing and landing net. 2,539,563, Jan. 30.
Balsiger, Harold E.: *See*—
Hollengreen, Milburn A., Balsiger, and Gjesdahl.
Balsiger, Harold E., assignor to Landis Tool Company, Waynesboro, Pa. Measuring device. 2,567,360, Sept. 11.
Balson, Adrian C., deceased, Philadelphia, Pa.; J. A. Balson, administrator. Tire chain applying device. 2,545,772, Mar. 20.
Balson, John A., administrator: *See*—
Balson, Adrian C.
Balthis, Joseph H., Wilmington, Del., and F. K. Signaigo, Kenmore, N. Y., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Producing lustrous cellulosic products. 2,563,637, Aug. 7.
Baltimore Salesbook Company, The, assignee: *See*—
Brock, Henry Y., Jr.
Baltin, William H., New Brunswick, N. J., and R. R. Batcher, Douglaston, N. Y., assignors to Transcontinental Television, Inc., New Brunswick, N. J. Device for copying records on a proportional scale. 2,575,742, Nov. 20.
Balton, Herman, Bloomfield, assignor to Breeze Corporations Inc., Newark, N. J. Antenna structure. 2,572,430, Oct. 23.
Baltsois, Alexander, Springfield, Mass. Watch cleaning device. 2,566,819, Sept. 4.
Baltzell, Charles W., assignee: *See*—
Baltzell, Walter C.
Baltzell, Walter C., assignor of one-fifth to C. W. Baltzell, Dallas, Tex. Electrical cooking apparatus. 2,578,034, Dec. 11.
Baltzer, Lawrence F., Berwick, Nova Scotia, Canada. Muffler with spiral conical insert. 2,552,615, May 15.
Baltzly, Richard, New York, and E. Lorz, Yonkers, assignors to Burroughs Wellcome & Co. (U. S. A.) Inc., Tuckahoe, N. Y. Cinnamamidine derivatives. 2,575,991, Nov. 20.
Balvay, Jean: *See*—
Hemmer, Lucien, and Balvay.
Baly, Wilfred F.: *See*—
Jacobsen, Bent B., Roche, and Baly.
Balzak, Julius, Chicago, Ill. Paper holder. 2,539,718, Jan. 30.
Balzarini, Martin L., Rockport, Mass. Apparatus for making edible products. 2,572,833, Oct. 30.
Balzeau, Charles, and R. Mousset, assignors to Société des Etablissements Japy Frères, Arcueil, France. Escapement mechanism for typewriters. 2,551,234, May 1.
Balzer, Fred A., Park Ridge, Ill., assignor, by mesne assignments, to The Vulcan Radiator Company, Hartford, Conn. Damper for radiators. 2,539,293, Jan. 23.
Balzer, Harvey W., Downers Grove, assignor to Automatic Electric Laboratories, Inc., Chicago, Ill. Toll switching telephone system. 2,550,755, May 1.
Balzer, Harvey W., Downers Grove, and J. E. Ostline, assignors to Automatic Electric Laboratories, Inc., Chicago, Ill. Automatic telephone system involving separate operator and subscriber register sender apparatus. 2,569,650, Oct. 2.
Balzer, Harvey W., Downers Grove, assignor to Automatic Electric Laboratories, Inc., Chicago, Ill. Combination one- and two-digit selector switches. 2,575,780, Nov. 20.
Balzer, Harvey W., Downers Grove, assignor to Automatic Electric Laboratories, Inc., Chicago, Ill. Intercepting and verifying toll switching telephone system. 2,579,722, Dec. 25.
Bambas, Louis L., Grosse Pointe Woods, assignor to Parke, Davis & Company, Detroit, Mich. Aminoacetobiphenyl compounds. 2,543,265, Feb. 27.
Bambas, Louis L., Grosse Pointe Woods, assignor to Parke, Davis & Company, Detroit, Mich. Acylamidoacetobiphenyls. 2,543,266, Feb. 27.
Bambas, Louis L., Grosse Pointe Woods, assignor to Parke, Davis & Company, Detroit, Mich. Hydroxyethyl-acylamido-biphenylyl ketones. 2,543,267, Feb. 27.
Bambas, Louis L., Grosse Pointe Woods, assignor to Parke, Davis & Company, Detroit, Mich. Acylated keto amido alcohols. 2,543,268, Feb. 27.
Bambas, Louis L., Grosse Pointe Woods, assignor to Parke, Davis & Company, Detroit, Mich. Acylated amino diols. 2,543,269, Feb. 27.
Bambas, Louis L., Grosse Pointe Woods, assignor to Parke, Davis & Company, Detroit, Mich. Polyacylated amino diols. 2,543,270, Feb. 27.
Bambas, Louis L., Grosse Pointe Woods, assignor to Parke, Davis & Company, Detroit, Mich. Biphenyl compounds. 2,543,271, Feb. 27.
Bamber, George E., and S. G. Turnbull, London, England, assignors, by mesne assignments, to Unifold Mailing Machines Inc., Saginaw, Mich. Apparatus for inserting documents into envelopes. 2,569,219, Sept. 25.
Bamberger, Alfred A.: *See*—
Simpson, Hobart A., and Bamberger.
Bamberger, Alfred A., Flushing, N. Y. Handbag clasp and coin holder. 2,536,016, Jan. 2.
Bamberger, Alfred A., Flushing, assignor to Speedo Manufacturing Co., Inc., New York, N. Y. Rotary tool hand piece. 2,536,017, Jan. 2.
Bamberger, Alfred A., Flushing, N. Y. Sump drain. 2,560,915, July 17.
Bamberger, Alfred A., Flushing, assignor to Speedo Manufacturing Co., Inc., New York, N. Y. Motion converting mechanism. 2,567,798, Sept. 11.
Bamberger, Curt, Jersey City, and J. W. Orelup, Short Hills, assignors to Patent Chemicals Incorporated, Paterson, N. J. Manufacture of polyhydroxy anthraquinone sulfonic acids. 2,575,155, Nov. 13.
Bamford, Arthur P.: *See*—
Grupe, William F., and Bamford.
Bamford, Charles F., Portland, Oreg. Feed table. 2,536,412, Jan. 2.
Bamford, Charles J., Sr., Trenton, assignor to Homasote Company, Incorporated, Fernwood, N. J. Mechanism for fabricating building sections. 2,574,163, Nov. 6.
Banca, Maggio C., Camden, N. J., assignor to Radio Corporation of America. Cathode-ray screen coated with zinc or magnesium fluoride phosphors. 2,558,532, June 26.
Bancroft Cap Company, assignee: *See*—
Goldman, Louis.
Bancroft, Charles, New Canaan, Conn. Rotary displacement device. 2,544,480, Mar. 6.
Bancroft, Charles, New Canaan, Conn. Rotary displacement device. 2,544,481, Mar. 6.
Bancroft, Charles, New Canaan, Conn. Rotary machine of the alternating piston type. 2,553,954, May 22.
Bancroft, George H.: *See*—
Wishart, James, and Bancroft.
Bancroft, George H., assignor, by mesne assignments, to Eastman Kodak Company, Rochester, N. Y. Electric heating element. 2,557,530, June 19.
Bancroft, Howard S., Sharon, Pa. Pump valve. 2,553,162, May 15.
Bancroft, Hugh N.: *See*—
Alter, Winfield S., and Bancroft.
Bancroft, Joseph, & Sons Co., assignee: *See*—
Kintner, Charles J., and Hall.
Bancroft, William P., Omaha, Nebr. Folding carriage. 2,567,464, Sept. 11.
Bandel, David, Brooklyn, N. Y., assignor to Mathieson Chemical Corporation. Suspension polymerization. 2,546,207, Mar. 27.
Bandelin, Fred J., assignor to Flint Eaton and Company, Decatur, Ill. Iron choline citrates and preparing the same. 2,575,611, Nov. 20.
Bandli, John C.: *See*—
Armstrong, Daniel A., Raleigh, and Bandli.
Bandli, John C., assignor to Scott-Atwater Manufacturing Company, Minneapolis, Minn. Outboard motor underwater exhaust valve. 2,570,509, Oct. 9.
Bando, Edward, assignor to Standard Dayton Corporation, Dayton, Ohio. Relay. 2,542,174, Feb. 20.
Bane, Clayton F., San Francisco, Calif., assignor, by mesne assignments, to E. F. Johnson Company, Waseca, Minn. Brake for counter dials. 2,552,836, May 15.
Banes, Fred W.: *See*—
Swaney, Miller W., and Banes.
Banfield, Frederic E., Jr., assignor to Whitin Machine Works, Whitinsville, Mass. Composite card flat. 2,562,998, Aug. 7.
Bange, George E.: *See*—
Reynolds, Warren S., Bange, and Turner.
Bangert, Charles, Jr., Ballston Spa, N. Y., assignor to General Electric Company. Round cornered box. 2,574,998, Nov. 13.
Bangert, John T., Orange, N. J., and S. Rosen, Los Angeles, Calif., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Directional coupler. 2,541,910, Feb. 13.
Banigan, Thomas F., Jr.: *See*—
Meeks, James W., Banigan, and Planck.
Banigan, Thomas F., Jr., J. W. Meeks, Salinas, Calif., and R. W. Planck, New Orleans, La., assignors to the United States of America as represented by the Secretary of Agriculture. Isolating betaine from guayule extract. 2,549,763, Apr. 24.
Bank, Albert M., Jersey City, N. J. Spring foundation for upholstered furniture. 2,542,458, Feb. 20.
Banka, Frank W., Park Ridge, Ill. Powered trimmer. 2,575,038, Nov. 13.
Banker, Oscar H., Evanston, assignor to New Products Corporation, Chicago, Ill. Self-cleaning hydraulic tappet. 2,541,953, Feb. 13.
Banker, Oscar H., Evanston, Ill. Power train connection for change-speed transmissions. 2,553,998, May 22.
Banker, Oscar H., Evanston, assignor to New Products Corporation, Chicago, Ill. Rotary valve. 2,562,255, July 31.
Banker, Oscar H., Evanston, assignor to New Products Corporation, Chicago, Ill. Transmission. 2,574,431, Nov. 6.
Banks, Clarence K., and J. Controulis, assignors to Parke, Davis & Company, Detroit, Mich. Phenylcyanamides and obtaining the same. 2,559,061, July 3.
Banks, Daniel B., Drexel Hill, assignor to Sun Oil Company, Philadelphia, Pa. System and apparatus for gas storage. 2,572,799, Oct. 23.

Banks, Duncan J., assignee: *See*—
Duggan, Joseph J.

Banks, Millard S., New York, N. Y. Water disintegratable soap package. 2,539,395, Jan. 30.

Banks, William H., Hampton, P. B. Upton, Bromley, and J. R. Scott, Croydon, assignors to The Printing and Allied Trades Research Association, London, and The Research Association of British Rubber Manufacturers, Croydon, England. Producing electroforms. 2,548,765, Apr. 10.

Bankson, Ronald O., Pittsburg, Kans., assignor to Max B. Miller & Co., Inc., New York, N. Y. Plugging wells. 2,546,252, Mar. 27.

Bannan, Philip L., Seattle, Wash., assignor to Western Gear Works. Power-transmitting mechanism for narrow-gauge tractors. 2,569,651, Oct. 2.

Banner, Otto A., Highland Park, N. J. Hydraulic torque converter having radial and axial stages. 2,578,876, Dec. 18.

Banner Plastics Corporation, assignee: *See*—
Schiller, Bernard.

Banning, Lloyd H., Albany, Oreg., assignor to the United States of America as represented by the Secretary of Interior. Material feeding unit. 2,536,021, Jan. 2.

Banning, Thomas A., Jr., assignee: *See*—
Adam, Folger.

Banning, Thomas A., Jr., Chicago, Ill. Automobile spring and the like. 2,559,105, July 3.

Banning, Thomas A., Jr., Chicago, Ill. Propeller pitch control. 2,569,444, Oct. 2.

Bänninger, Fritz, Zurich, Switzerland. Producing fishing rods and the like. 2,548,336, Apr. 10.

Bannister, Bryant, Pittsburgh, Pa., assignor to National Tube Company. Roll mounting. 2,574,773, Nov. 13.

Bannister, Clyde E., Houston, Tex. Shaft-oscillating fluid-actuated motor having spring-and-latch valve-reversing means. 2,559,842, July 10.

Bannister, Clyde E., Houston, Tex. Portable oscillating propeller assembly. 2,573,382, Oct. 30.

Bannister, Melvin P., West Allis, and J. F. Pfeifer, Wauwatosa, Wis. Mobile milk cooler. 2,557,252, June 19.

Bannon, John H., Cranford, N. J., assignor to Standard Oil Development Company. Polymerization process. 2,542,459, Feb. 20.

Bannow, Rudolph F., Easton, and M. Wahlstrom, Bridgeport, Conn. Slotting machine operating at universal angles in overall locations. 2,551,359, May 1.

Bánovský, Alois, assignor to Bata, narodni podnik, Zlin, Czechoslovakia. Press for rubber footwear. 2,553,999, May 22.

Bánovský, Alois, assignor to Bata, narodni podnik, Zlin, Czechoslovakia. Manufacture of hollow articles from rubber or other vulcanizable material. 2,554,552, May 29.

Bánovský, Alois, and A. Kružík, assignors to Bata, národní podnik, Zlin, Czechoslovakia. Machine for pretreating plastic materials. 2,573,825, Nov. 6.

Banta, Robert W., assignee: *See*—
Roman, Michael.

Banta, Walter: *See*—
Jandus, Herbert S., and Banta.

Bantam-Lite, Inc., assignee: *See*—
Nathan, Jerome, and Adler.

Bantar, Incorporated, assignee: *See*—
McBride, John W.

Banton, Albert W., Jr., and P. E., Yorktown, Va. Track ballasting. 2,571,183, Oct. 16.

Banton, Paul E.: *See*—
Banton, Albert W., Jr., and P. E.

Banus, Mario D., and T. R. P. Gibb, Jr., Marblehead, assignors to Metal Hydrides Incorporated, Beverly, Mass. Purifying borohydrides of the alkali metals. 2,542,746, Feb. 20.

Banzhaf, Joseph A.: *See*—
Blaich, Rudolph C., and Banzhaf.

Baptist, Wilbur B., Sacramento, Calif. Fountain hairbrush. 2,569,276, Sept. 25.

Barach, Joseph L., Montclair, N. J., assignor to Alexander Smith, Incorporated. Crimping textile fibers. 2,575,781, Nov. 20.

Baracket, Albert J., Bloomfield, assignor to Allen B. Du Mont Laboratories, Inc., Passaic, N. J. Generation of a sine wave. 2,559,144, July 3.

Barager, Alfred T., Buffalo, N. Y. Cover for flexible shaft coupling. 2,547,734, Apr. 3.

Barak, Montefiore, Clifton Junction, near Manchester, assignor to The Chloride Electrical Storage Company Limited, Clifford Junction, near Manchester, England. Electric accumulators. 2,575,088, Nov. 13.

Baran, Bronislaus J., Eggertsville, assignor of one-half to F. W. Hall, Williamsville, N. Y. Box cutter. 2,537,505, Jan. 9.

Barany, Edward, New York, N. Y. Universally adjustable bracket assembly. 2,543,221, Feb. 27.

Barba, Gerald N.: *See*—
Darracott, George F., Barba, and Reichert.

Barbeck, Peter, New York, assignor to Oxygen Arc Equipment Co. Inc., Brooklyn, N. Y. Welding and cutting torch. 2,549,360, Apr. 17.

Barber, Azro L., assignee: *See*—
Worsham, Irvin L.

Barber, Cecil B., Sydney, New South Wales, Australia. Pulsator for milking machines. 2,570,749, Oct. 9.

Barber-Colman Company, assignee: *See*—
Bargren, La Vern M.
Borchardt, Robert E.
Brainerd, George M., and Vachon.
Colman, Howard D.
Drake, Russell P.
Greenlee, Theodore K.
Hall, Donald L.
Kennedy, Walter W.
Lilja, Edgar D.
Lilja, Edgar D., and Hall.
Lind, Harry G.
Marcellus, Brooks.
Peterson, Burt A.
Rehwald, Edmund A.
Scone, John P.

Barber, Franklin D., Flossmor, assignor to Standard Car Truck Company, Chicago, Ill. Stabilized car truck. 2,571,519, Oct. 16.

Barber, George C.: *See*—
Allen, Harold R., and Barber.

Barber, Harold B., Missoula, Mont. Folding desk and table. 2,572,585, Oct. 23.

Barber, Harold D., Shaker Heights, Ohio. Load retainer. 2,577,504, Dec. 4.

Barber, Henry A., assignee: *See*—
Kusnarowis, Walter.

Barber, Hiram L., Newtown, and G. L. Sellars, Milford, Ohio. Machine for making applicator swabs. 2,557,024, June 12.

Barber, James A., Franklinton, La. Electrical switch for animal traps. 2,554,728, May 29.

Barber, John M., Clear Lake, Iowa. Hand truck. 2,545,440, Mar. 20.

Barber, Merlin E., Decatur, Ill. Compression by-pass and wrench device. 2,543,954, Mar. 6.

Barber, Merrill P., assignee: *See*—
Howard, Roy.

Barbetta, Anthony: *See*—
Dunbar, Frank, and Barbetta.

Barbieri, Cesare, New York, N. Y., assignor to Dixie Cup Company, Chicago, Ill. Double-wall paper container. 2,540,565, Feb. 6.

Barbieri, Graziano R.: *See*—
Guinane, James P., and Barbieri.

Barbour, Robert J. and W. E., Terre Haute, Ind. Ash tray and glass holder attachment for tables. 2,562,443, July 31.

Barbour, Roswell P., Lodi, Calif. Box-stack spacer for freight cars. 2,567,465, Sept. 11.

Barbour, Warren E.: *See*—
Barbour, Robert J. and W. E.

Barceló, Daniel R., and P. A. Maso, Barcelona, Spain, assignors to American Enka Corporation, Enka, N. C. Production of novelty yarns, fabrics, and the like. 2,562,760, July 31.

Barch, William E., assignor to Standard Brands Incorporated, New York, N. Y. Low methoxyl acid pectinate jelly composition. 2,559,338, July 3.

Barchok, Donald J., Belmar, and I. Stokes, Neptune, N. J. Identifying aircraft. 2,540,087, Feb. 6.

Barclay, Ivar, Highland Park, assignor to The General Detroit Corporation, Detroit, Mich. Safety can with flexible spout. 2,547,847, Apr. 3.

Barclays Bank Limited, executor: *See*—
McLeod, Robert J.

Barco, Allen A., Jackson Heights, N. Y., assignor to Radio Corporation of America. Power recovery damping system. 2,555,828, June 5.

Barco, Allen A., Princeton, N. J., assignor to Radio Corporation of America. Television deflection power recovery circuit. 2,555,829, June 5.

Barco, Allen A., Princeton, N. J., assignor to Radio Corporation of America. Television deflection power recovery circuit. 2,555,830, June 5.

Barco, Allen A., Princeton, N. J., assignor to Radio Corporation of America. Power supply system. 2,566,510, Sept. 4.

Barcus, Leonard F., Yonkers, N. Y., assignor to Farrand Optical Co., Inc. Reflex camera combination, including telephoto lens and telescope finder. 2,536,866, Jan. 2.

Bard, F. N., assignee: *See*—
Clark, Robert S.

Bard, Francis N., assignee: *See*—
Breitenstein, Victor W.
Breitensten, Victor W., and Boddinghouse.

Bard, Francis N., Highland Park, Ill. Joint. 2,557,930, June 26.

Bard, Ia Lene: *See*—
Bard, Melvin and I. L.

Bard, Melvin and I. L., San Francisco, Calif. Hat holder. 2,559,699, July 10.

Bard-Parker Company, Inc., assignee: *See*—
Arden, Thomas R.

Bard, Robert C.: *See*—
Bailey, Dana L., and Bard.

Bardach, Felix, New York, N. Y. Calculating or computing device. 2,575,328, Nov. 20.

Bardeen, John: *See*—
Mouzon, James C., Lamar, and Bardeen.

Bardet, Jacques J., assignor, by mesne assignments, to Prosilis, Paris, France. Treating mica and composition. 2,549,880, Apr. 24.
Bardons and Oliver, Inc., assignee: *See*—
Kylin, Oskar, and H. O.
Bardsley, Arthur F., Rocky River, and K. W. Reed, East Cleveland, Ohio. Adjustable web feed device for label cutting and folding machines. 2,541,737, Feb. 13.
Bardwell, Martin W., Syracuse, N. Y. Portable power wrench. 2,578,279, Dec. 11.
Barensfield, Paul L., Parma, and M. A. Nader, North Olmstead, Ohio. Sheet feeder for collator. 2,562,999, Aug. 7.
Barettella, Angelo, Union City, N. J. Curtain rod. 2,545,251, Mar. 13.
Barger, John A., Des Moines, Iowa. Branding device. 2,541,684, Feb. 13.
Barghausen, John W. B., Mount Rainier, and J. A. Van Allen, Silver Spring, Md., assignors to the United States Government as represented by the Secretary of the Navy. Altimeter actuated by cosmic rays. 2,573,823, Nov. 6.
Bargren, La Vern M., assignor to Barber-Colman Company, Rockford, Ill. Wheel dressing device. 2,565,013, Aug. 21.
Barham, Harold N., Manhattan, Kans., assignor to Sharples Chemicals Inc. Chlorination of cellulose. 2,562,882, Aug. 7.
Barham, Harold N., Manhattan, Kans., assignor to Sharples Chemicals Inc. Chlorination of carbohydrate esters. 2,562,883, Aug. 7.
Barham, Harold N., Manhattan, Kans., assignor to Sharples Chemicals Inc. Chlorination of carbohydrate ethers. 2,562,884, Aug. 7.
Barham, Theophilus A., Sr., Norfolk, Va. Adjustable lawn sprinkler. 2,544,773, Mar. 13.
Barhorst, Alphonso F., Anna, Ohio. Portable derrick. 2,553,229, May 15.
Baril, Samuel J., Brooklyn, assignor to The Hobar Co., Inc., New York, N. Y. Plural garment hanger. 2,557,627, June 19.
Barile, Henry C., assignor to Ophthalmix, Brookfield, Ill. Lens inspecting and layout device. 2,546,329, Mar. 27.
Baringer, Le Roy E., Hardy, Nebr. Sanitary poultry fountain. 2,562,165, July 31.
Barist, Michael, New York, N. Y. Device for spinning toys. 2,561,554, July 24.
Barkeij, Jean A. H., Altadena, Calif. Connecting rod structure. 2,536,711, Jan. 2.
Barker, Charles E.: *See*—
Fine, Harold D., and Barker.
Barker, Clemon W., Wichita, Kans., assignor, by mesne assignments, to Wilton Tool Manufacturing Co., Chicago, Ill. Work holder device. 2,559,925, July 10.
Barker, Donald E.: *See*—
Barker, Earl S. and D. E.
Barker, Earl S., Chippewa Falls, Wis., and D. E. Barker, Burbank, Calif. Skin graft instrument. 2,579,029, Dec. 18.
Barker, Ernest L., Houston, Tex. Wellhead construction. 2,542,302, Feb. 20.
Barker, Eros V., assignor to The Perfection Steel Body Company, Galion, Ohio. Fertilizer spreader. 2,555,283, May 29.
Barker, Eugene: *See*—
Yantes, William H., Bohmer, and Barker.
Barker, Eules: *See*—
Kirtner, Bud E., Barker, Williams, and Jackson.
Barker, Frederick W., Poundridge, N. Y. Knockdown shovel. 2,565,466, Aug. 28.
Barker, George E., Newport, Del., assignor to Elgin National Watch Company, Elgin, Ill. Triple ether lubricant. 2,566,157, Aug. 28.
Barker, George E., assignor to Atlas Powder Company, Wilmington, Del. Solid compositions containing polyoxyethylene esters. 2,559,583, July 10.
Barker, George E., assignor to Atlas Powder Company, Wilmington, Del. Solid compositions containing polyoxyethylene aliphatic amines and amides. 2,559,584, July 10.
Barker, George E., and G. E. Alter, Jr., Pittsburgh, Pa., assignors to Elgin National Watch Company, Elgin, Ill. Lubricant containing ethers with multiple sulfur or like linkages. 2,552,510, May 15.
Barker, James, and F. Batcheldor, Worcester, Mass. Precision angle, depth, and height gauge. 2,556,358, June 12.
Barker, John C., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Wheel structure. 2,567,142, Sept. 4.
Barker, John L., Norwalk, Conn., assignor to Eastern Industries, Incorporated. Detecting presence and movement of bodies. Re. 23,403, Sept. 4.
Barker, John L., Norwalk, Conn., assignor, by mesne assignments, to Eastern Industries, Incorporated. Vehicle detector. 2,540,089, Feb. 6.
Barker, John L., Norwalk, assignor to Eastern Industries, Incorporated, East Norwalk, Conn. Traffic actuated control apparatus. 2,542,978, Feb. 27.
Barker, John W., Silver Spring, Md., assignor to Houdry Process Corporation, Wilmington, Del. Catalyst regeneration. 2,561,331, July 24.
Barker, Lloyd M.: *See*—
Newton, Fred P., and Barker.
Barker, Maurice E., Washington, D. C., assignor to the United States of America as represented by the Secretary of War. Incendiary article. 2,558,726, July 3.
Barker, Orrin W.: *See*—
Armitage, Joseph B., and Barker.
Barker, Paul L., assignor to National Production Company, Detroit, Mich. Infant's chair. 2,567,418, Sept. 11.
Barker, Percy, San Mateo County, assignor to Plastic Specialty Company, San Francisco, Calif. Handbag. 2,561,488, July 24.
Barker Poultry Equipment Co., assignee: *See*—
Drews, Harry E.
Barker, Robert W.: *See*—
Harding, George D., and Barker.
Barker Saw Company, assignee: *See*—
Smith, Albert P.
Barker, Seth S., Ottumwa, Iowa. Removing feathers from poultry. 2,557,335, June 19.
Barker, Seth S., Ottumwa, Iowa. Chicken picking finger. 2,559,001, July 3.
Barker, Seth S., Ottumwa, Iowa. Enclosed chain conveyer hanger. 2,562,406, July 31.
Barker, Sydney W., Colne, assignor to Lustrafil Limited, Nelson, England. Method and apparatus for loading thread advancing rolls. 2,545,015, Mar. 13.
Barker, Sydney W., Colne, assignor to Lustrafil Limited, Nelson, England. Guiding of threads or filaments. 2,553,127, May 15.
Barker, William A., Leicester, England, assignor to United Shoe Machinery Corporation, Flemington, N. J. Toe lining trimming machine. 2,556,410, June 12.
Barkhuff, Raymond A., Jr., Springfield, Mass., assignor to Monsanto Chemical Company, St. Louis, Mo. Coating compositions. 2,538,857, Jan. 23.
Barkhuff, Raymond A., Jr., and L. M. Debing, Springfield, Mass, assignors to Monsanto Chemical Company, St. Louis, Mo. Aldehyde condensation resins. 2,538,753, Jan. 23.
Barkis, Charles E., San Francisco, Calif., assignor by mesne assignments, to General Electric Company. Power distribution system. 2,568,480, Sept. 18.
Barkley, Dwight W., Chesswick, Pa., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Mounting for rearview mirrors. 2,547,071, Apr. 3.
Barkow, Eugene V.: *See*—
Ashton, Benjamin N., and Barkow.
Barksdale, George R., assignee: *See*—
Hill, Malcolm I.
Barley, Leo D.: *See*—
Spiller, William R., and Barley.
Barling, Leslie C., Johannesburg, Transvaal, Union of South Africa. Automatic valve. 2,550,441, Apr. 24.
Barlow, Albert, assignee: *See*—
Smith, Dick P.
Barlow, Almus C., Chula Vista, and W. V. Paul, Coronado, Calif. Stencil printing machine. 2,579,461, Dec. 25.
Barlow, Benjamin W., Sudbury, Wembley, assignor to D. Napier & Son Limited, London, England. Connecting rod assembly for multicylinder reciprocating engines having two or more cylinders or rows of cylinders angularly displaced about a crankshaft. 2,552,662, May 15.
Barlow, Thomas E., Jackson, Ohio, assignor to Eastern Clay Products, Inc. Blow plate for core blowers. 2,553,626, May 22.
Barlow, Thomas E., Jackson, Ohio, assignor to Eastern Clay Products, Inc. Wear insert for core boxes. 2,553,627, May 22.
Barmer Maschinenfabrik Aktiengesellschaft, assignee: *See*—
Bochmann, Otto, Schroder, and Lenk.
Barmore, R. L., assignee: *See*—
Woerner, Irvin A.
Barnaby, Roland, Hempstead, N. Y., and A. E. Reinhardt, Flourtown, Pa., assignors to The Sperry Corporation, Great Neck, N. Y. Angular velocity measuring instrument. 2,544,646, Mar. 13.
Barnard, Clayton H., South Euclid, Ohio, assignor to Bailey Meter Company. Tubing bundle or cluster. 2,578,280, Dec. 11.
Barnard, Harlin, Olean, N. Y., assignor to W. R. Case & Sons Cutlery Co., Bradford, Pa. Knife blade construction. 2,566,112, Aug. 28.
Barnard, Lyle Z.: *See*—
Cooke, Charles S., and Barnard.
Barnard, Randolph H., Toledo, assignor, by mesne assignments, to Reconstruction Finance Corporation, Cleveland, Ohio. Method and apparatus for producing laminated materials. 2,565,941, Aug. 28.
Barnard, Roy M., and W. J. Stray, London, England, assignors to International Standard Electric Corporation, New York, N. Y. Electric condenser. 2,579,462, Dec. 25.
Barnebl, August C., Chicago, Ill., assignor to Oliver United Filters Incorporated, Oakland, Calif. Automatic filter valve. 2,563,205, Aug. 7.
Barnes, Brady E.: *See*—
Wiegner, Joseph W., Gilda, Klasey, and Barnes.
Barnes, Carl E., Belvidere, N. J., assignor to General Aniline & Film Corporation, New York, N. Y. Transparent, colorless, color-stable resins of haloacrylic compounds. 2,576,821, Nov. 27.

Barnes, Carl E., Pipersville, Pa., assignor to General Aniline & Film Corporation, New York, N. Y. Preparing cyclooctatetraene. 2,579,106, Dec. 18.

Barnes, Carl E., Belvidere, N. J., and W. O. Ney, Jr., Easton, Pa., assignors to General Aniline & Film Corporation, New York, N. Y. Alpha-halogen substituted acrylic compounds. 2,548,091, Apr. 10.

Barnes, Carl E., Belvidere, N. J., and W. O. Ney, Jr., Easton, Pa., assignors to General Aniline & Film Corporation, New York, N. Y. Reversible gel composition comprising polyvinyl alcohol and preparation. 2,576,820, Nov. 27.

Barnes, Cecil R., Lumberton, assignor of one-half to J. W. Coffey, Robeson County, N. C. Buoyant sustaining seat. 2,562,080, July 24.

Barnes, Charles E., Jr.: *See*—
Barnes, Charles E., Sr., and Charles E., Jr.

Barnes, Charles E., Sr., and Charles E., Jr., Philadelphia, Pa., assignors to United States Rubber Company, New York, N. Y. Surface metal raceway. 2,569,916, Oct. 2.

Barnes, Charles M., Childress, Tex. Check valve for gasoline dispensing nozzles. 2,553,888, May 22.

Barnes, Clarence E.: *See*—
Barnes, Everett M. and C. E.

Barnes, David K.: *See*—
Steitz, Alfred, Jr., and Barnes.

Barnes, Donald R., Sr., Bridgeport, Conn. Mounting and operating the slats in Venetian blinds. 2,560,840, July 17.

Barnes Drill Co., assignee: *See*—
Caldwell, Harry J.
Segorg, Earnest Y.
Seborg, Earnest Y., and Fairbairn.

Barnes, Everett M. and C. E., New Paris, Ohio. Tape feeder, cutter, and moistener. 2,552,926, May 15.

Barnes, Frank, assignee: *See*—
McEwen, Floyd L.

Barnes, Fred H., C. M. Kay, and S. F. Oakes, Worcester, Mass., assignors to The American Steel and Wire Company of New Jersey. Operating open-hearth furnaces. 2,554,609, May 29.

Barnes, Fred N., Durango, Colo. Making bullets. 2,571,520, Oct. 16.

Barnes, George W., Jr., Clifton Heights, Pa., assignor, by mesne assignments, to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Standardizing apparatus for balancing networks. 2,556,788, June 12.

Barnes, George W., Jr., Clifton Heights, Pa., R. M. Johnson, Palmyra, N. J., and W. P. Wills, Philadelphia County, Pa., assignors, by mesne assignments, to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Telautographic instrument. 2,566,546, Sept. 4.

Barnes, Gerald C., Plymouth, Mich. Collet with interchangeable pads. 2,580,067, Dec. 25.

Barnes, James C., Chicago, Ill. Cup and cover. 2,574,612, Nov. 13.

Barnes, James F., Chicago, Ill. Pad structure. 2,558,166, June 26.

Barnes, James F., Chicago, Ill. Sifter having agitator bodies. 2,576,746, Nov. 27.

Barnes, John, Milwaukee, Wis. Washing machine. 2,575,039, Nov. 13.

Barnes, John M.: *See*—
Ruscitti, Constantine, and Barnes.

Barnes, John P., Springfield, Pa., assignor to Radio Corporation of America. Changing-sign indicator. 2,539,654, Jan. 30.

Barnes, John V., La Canada, assignor, by mesne assignments, to Taylor-Phillips, Inc., Los Angeles, Calif. Folding toilet seat. 2,545,598, Mar. 20.

Barnes, John W., assignor to Argus, Incorporated, Ann Arbor, Mich. Closure latch. 2,544,647, Mar. 13.

Barnes, John W., assignor to Argus Cameras, Inc., Ann Arbor, Mich. Camera film counter. 2,563,811, Aug. 14.

Barnes Manufacturing Co., assignee: *See*—
Devlin, George A.
Eggleston, Gilbert K.

Barnes, Ralph G., Reno, Nev., assignor of one-half to J. J. Guard, Portland, Oreg., and one-half to J. J. Guard, as trustee. Screed for cement surfaces. 2,542,979, Feb. 27.

Barnes, Thomas G., El Paso, Tex. Apparatus for timing the interval between impulses. 2,544,482, Mar. 6.

Barnes, Walter C., Lake Bluff, Ill. Flaw detection apparatus. 2,555,308, June 5.

Barnes, Walter C., Lake Bluff, and H. W. Keevil, Evanston, Ill. Method and apparatus for detecting flaws in rail or the like. 2,571,998, Oct. 23.

Barnes, Walter C., Lake Bluff, and H. W. Keevil, Evanston, Ill. Apparatus for detecting flaws. 2,571,999, Oct. 23.

Barnes, Welden F., assignee: *See*—
Cade, John W.

Barnes, Wilfred, Jr.: *See*—
Churchfield, Elizabeth M., and Barnes.

Barnes, William A., Utica, N. Y., assignor to Utica Drop Forge & Tool Corporation. Tool. 2,539,294, Jan. 23.

Barnes, William E.: *See*—
Chaney, Preston E., and Barnes.

Barnett, Benjamin, Santa Rosa, assignor to Shell Development Company, San Francisco, Calif. Preparation of beta-lactones. Re. 23,396, Aug. 7.

Barnett, Benjamin G., Dallas, Tex. Pivoted jaw type, toggle actuated wrench. 2,561,682, July 24.

Barnett, Benjamin G., Dallas, Tex. Ventilator wing mounting for truck cabs. 2,567,799, Sept. 11.

Barnett, Elson T., assignor to Savage-Barnett Tool Company, Phoenix, Ariz. Speed change driving head for power-driven machines. 2,544,061, Mar. 6.

Barnett, Henry W.: *See*—
Brackenbury, William L., and Barnett.

Barnett, John W., Midland, Tex. Flower bed and lawn edge trimmer. 2,547,433, Apr. 3.

Barnett, Lawton L., O'Brien, Fla. Transplanter drill set. 2,559,183, July 3.

Barnett, Max, Brooklyn, N. Y. Machine for collapsing tubes. 2,536,867, Jan. 2.

Barnett, Morris, Philadelphia, Pa. Motion-picture projector case. 2,566,714, Sept. 4.

Barnett, Roy E., Wauchula, Fla. Solar heater with spaced parallel heat absorbing sheets. 2,553,073, May 15.

Barnett, Vernon C.: *See*—
Shea, Richard F., and Barnett.

Barnett, Victor, Evansville, Ind. Water faucet. 2,548,933, Apr. 17.

Barnett, Wilford J.: *See*—
Vavra, Marvin J., and Barnett.

Barney, Francis L., Parma, Idaho. Attachment for lifting and deflecting plants. 2,542,617, Feb. 20.

Barney, Freeman: *See*—
Lee, James E., and Barney.

Barney, Harold L., Madison, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Control of impedance of semiconductor amplifier circuits. 2,541,322, Feb. 13.

Barney, Harold L., Madison, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Control of impedance of semiconductor amplifier circuits. 2,550,518, Apr. 24.

Barney, Harold L., Madison, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electric wave transmission. 2,570,305, Oct. 9.

Barney, Harold L., Madison, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Sweep circuit. 2,572,586, Oct. 23.

Barney, Harold L., Madison, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Level ratio measuring system. 2,576,249, Nov. 27.

Barney, Joseph N.: *See*—
Atkinson, Robert P., and Barney.

Barnhart, Merle E., and L. F. Miller, assignors to Price Electric Corporation, Frederick, Md. Reinforced insulation assembly. 2,568,979, Sept. 25.

Barnhart, Philip S., West Springfield, and J. C. Miller, Westfield, assignors to Westfield River Paper Company, Inc., Russell, Mass. Polyethylene-wax laminating composition. 2,551,087, May 1.

Barnhart, Philip S., West Springfield, and J. C. Miller, Westfield, assignors to Westfield River Paper Company, Inc., Russell, Mass. Cement for laminating sheets of paper or like materials. 2,560,916, July 17.

Barnhart, Richard L., Elizabethtown, Pa. Marble runway. 2,571,521, Oct. 16.

Barnhart, Robert E., Gibbstown, and R. M. Cavanaugh, Woodbury, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of nitric esters of normally solid primary alcohols. 2,545,538, Mar. 20.

Barnhart, William S.: *See*—
McBee, Earl T., and Barnhart.

Barns, Roy W.: *See*—
Hamacher, Joseph D., and Barns.

Barnstead, Sidney O., Saco, Maine. Manufacture of molded articles. 2,549,563, Apr. 17.

Barnum, Emmett R., Berkeley, assignor to Shell Development Company, San Francisco, Calif. Corrosion preventive composition. 2,564,422, Aug. 14.

Barnum, Emmett R., Berkeley, assignor to Shell Development Company, San Francisco, Calif. Corrosion preventive composition. 2,564,423, Aug. 14.

Barnum, Granville F., Pittsford, and E. J. Hanna, assignors to Taylor Instrument Companies, Rochester, N. Y. Processing of canned food products. 2,539,505, Jan. 30.

Barocas, Abraham J., New York, N. Y. Split plug body suitable for housing a plurality of different electrical contact elements. 2,573,533, Oct. 30.

Barol, Alfred, assignor to Wyeth Incorporated, Philadelphia, Pa. Antibiotic compositions. 2,550,398, Apr. 24.

Baron, Arthur J., Mellor, near Stockport, and H. N. Sykes, Almondbury, assignors to Chryssex, Limited, Lindley, near Huddersfield, England. Extraction of chrysalides from silk. 2,565,164, Aug. 21.

Baron, George, New York, N. Y. Hook for garment hangers. 2,556,461, June 12.

Barr, Eugene A., Jr., Bound Brook, N. J., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Phenol-aldehyde-amine condensation products. 2,552,025, May 8.

Barr, Francis A., Laurelton, N. Y. Adjustable snap gauge. 2,545,757, Mar. 20.

Barr, Francis A., Laurelton, N. Y. Drill jig. 3,560,382, July 10.

Barr, Frank C., Morgantown, W. Va. Pickup tongs. 2,579,536, Dec. 25.
Barr, Frank T., Summit, N. J., assignor to Standard Oil Development Company. Producing gas mixtures. 2,556,835, June 12.
Barr, James A., Jr., Evanston, assignor to Armour and Company, Chicago, Ill. Treatment of feldspar concentrates having hydrophobic characteristics. 2,551,197, May 1.
Barr, James R., Pittsfield, Mass., assignor to General Electric Company. Pressure temperature relay. 2,553,291, May 15.
Barr, John M., Elmwood, assignor, by mesne assignments, to Niles-Bement-Pond Company, West Hartford, Conn. Carburetor. 2,558,921, July 3.
Barr, Richard H. H., Normanton, assignor to Power Jets (Research and Development) Limited, London, England. Internal-combustion turbine power plant. 2,546,420, Mar. 27.
Barr, Seymour J., Aberdeen, Md. Gun synchronizing apparatus. 2,560,540, July 17.
Barr & Stroud, Limited, assignee: *See*—
French, James W.
French, James Weir, Strang, and Macgill.
Barraclough, Benjamin B. S., Greenfield, England. Central heating system. 2,565,796, Aug. 28.
Barraco, Angelo J., Irvington, N. J. Quick-change gear converter. 2,548,337, Apr. 10.
Barratt, Harold, and L. Rose, Coventry, assignors to Courtaulds Limited, London, England. Production of filaments, threads, and the like by the wet spinning process. 2,539,176, Jan. 23.
Barret, William M., assignor to Engineering Research Corporation, Shreveport, La. Electromagnetic-wave investigations. 2,573,682, Nov. 6.
Barrett, Ann K., assignee: *See*—
Barrett, Edward L.
Barrett, Charlie E., Ashdown, Ark. Adjustable spring foot for cultivators. 2,568,267, Sept. 18.
Barrett, Edward J., Lemay, Mo. Pocket tissue case and tissue packet therefor. 2,559,528, July 3.
Barrett, Edward L., assignee: *See*—
Barrett, Edward L.
Barrett, Edward L., La Grange, Ill., assignor to E. L. and A. K. Barrett, co-partners, doing business as Barrett-Keenan Company. Magnetic recording apparatus. 2,543,483, Feb. 27.
Barrett, Edward L., La Grange, assignor to E. L. and A. K. Barrett, copartners doing business as Barrett-Keenan Company, Chicago, Ill. Record mechanism. 2,551,198, May 1.
Barrett, Edward L., La Grange, assignor to E. L. and A. K. Barrett, copartners doing business as Barrett-Keenan Company, Chicago, Ill. Dynamoelectric machine. 2,553,292, May 15.
Barrett, Edward P., Mound, Minn. Forming glomerules. 2,545,441, Mar. 20.
Barrett, Edward R., assignor to F. E. Hummel, Chicago, Ill. Cooking utensil. 2,568,049, Sept. 18.
Barrett, Elmer G., Pampa, Tex. Rotary engine. 2,552,661, May 15.
Barrett, George R., Minneapolis, Minn. Combined crib and wardrobe. 2,567,986, Sept. 18.
Barrett, Gerald R., Winchester, Mass., assignor to Monsanto Chemical Company, St. Louis, Mo. Polymerizing unsaturated compounds. 2,537,015, Jan. 9.
Barrett, Gerald R., Winchester, Mass., assignor to Monsanto Chemical Company, St. Louis, Mo. Heteropolymers of vinyl aromatic compounds, alkyl acrylates, and alkyl half esters of ethylene dicarboxylic acids and preparing same. 2,537,016, Jan. 9.
Barrett, Gerald R., Winchester, Mass., assignor to Monsanto Chemical Company, St. Louis, Mo. Coating compositions. 2,537,017, Jan. 9.
Barrett, Gerald R., Winchester, Mass., assignor to Monsanto Chemical Company, St. Louis, Mo. Copolymer and coating composition. 2,537,018, Jan. 9.
Barrett, Gerald R., Winchester, Mass., assignor to Monsanto Chemical Company, St. Louis, Mo. Coating compositions. 2,537,019, Jan. 9.
Barrett, Gerald R., Winchester, Mass., assignor to Monsanto Chemical Company, St. Louis, Mo. Preparing maleic anhydride interpolymers. 2,537,020, Jan. 9.
Barrett, Gerald R., Winchester, Mass., assignor to Monsanto Chemical Company, St. Louis, Mo. Coated papers and methods and compositions for preparing same. 2,576,914, Dec. 4.
Barrett, Gerald R., Winchester, Mass., assignor to Monsanto Chemical Company, St. Louis, Mo. Sizing yarns and composition therefor. 2,576,915, Dec. 4.
Barrett, Gerald R., Winchester, Mass., assignor to Monsanto Chemical Company, St. Louis, Mo. Preparation of di-tertiary butyl quinone. 2,577,505, Dec. 4.
Barrett, Harold G.: *See*—
Reynolds, Milton, and Barrett.
Barrett, Harry B., St. Louis, Mo. Metal turning and truing machine. 2,542,616, Feb. 20.
Barrett, John L., Bloomfield Hills, assignor to Detroit Gasket Manufacturing Company, Detroit, Mich. Extrusion. 2,539,564, Jan. 30.
Barrett, John L., Bloomfield Hills, assignor to Detroit Gasket & Manufacturing Company, Detroit, Mich. Linear structural member. **2,577,671, Dec. 4.**
Barrett, John P.: *See*—
Ralston, Anderson W., Barrett, and Segebrecht.
Barrett, John S., Minneapolis, Minn. Safety mounting for rearview mirrors. 2,565,012, Aug. 21.
Barrett, Joseph C., Philadelphia, Pa. Body supporting seat. 2,577,949, Dec. 11.
Barrett-Keenan Company: *See*—
Barrett, Edward L.
Barrett, Ralph A., assignor to The Apex Electrical Manufacturing Company, Cleveland, Ohio. Time controlled linkage actuating mechanism. 2,547,247, Apr. 3.
Barrett, Raymond W., Freeport, N. Y. Picket fence. 2,573,239, Oct. 30.
Barrett, Robert W.: *See*—
Otto, Ferdinand P., and Barrett.
Otto, Ferdinand P., Reiff, and Barrett.
Barrett, W. Thomas, assignee: *See*—
Rychwalski, Vernon W.
Barrett, William E., Houston, Tex. Hinge. 2,541,567, Feb. 13.
Barrick, Paul L., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Saturated polyfluoro alicyclic hydrocarbons and their preparation. 2,540,088, Feb. 6.
Barrick, Paul L., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Olefin reactions. 2,542,747, Feb. 20.
Barrick, Paul L., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Catalytic hydrogenation of unsaturated fluorohydrocarbons. 2,550,953, May 1.
Barrick, Paul L., Boulder, Colo., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Imidohalides and preparing them and their hydrolysis products. 2,569,549, Oct. 2.
Barrie, Arthur J.: *See*—
Hamann, Floyd R., Miller, Barrie, Gutman, and Kern.
Barringer, Gordon L.: *See*—
Lee, Charles M., and Barringer.
Barrington, Carl A., assignee: *See*—
Marr, John V., and Mercer.
Barrington, Robert R., Luton, England. Closure for containers. 2,543,822, Mar. 6.
Barrington, Tom F., Alderwasley, assignor to Slack & Parr Limited, Kegworth, England. Manufacture of filaments, films, or the like of artificial materials. 2,542,301, Feb. 20.
Barron, Edward H., East Orange, N. J. Cleat applying tool. 2,558,230, June 26.
Barroso, Maria D. M., Vedado, Habana, Cuba. Device for holding eyeglasses. 2,541,493, Feb. 13.
Barrow, Hepburn & Gale, Limited, assignee: *See*—
Cross, Walter T.
Barrow, James R., assignee: *See*—
Barrow, Russell J.
Barrow, Russel J., assignor of one-half to J. R. Barrow, Columbiana, Ohio. Hand-guided rotary earth-working implement. 2,574,237, Nov. 6.
Barrow, Wilmer L., Manhasset, assignor to The Sperry Corporation, Great Neck, N. Y. Electromagnetic horn. 2,542,980, Feb. 27.
Barrow, Wilmer L., Manhasset, N. Y., assignor to The Sperry Corporation. Instrument landing system. 2,552,511, May 15.
Barrow, Wilmer L., Manhasset, assignor, by mesne assignments, to The Sperry Corporation, Great Neck, N. Y. Electromagnetic-horn apparatus. 2,560,541, July 17.
Barrows, Donald S., Rochester, assignor to The Symington-Gould Corporation, Depew, N. Y. Railway truck spring snubber. 2,552,144, May 8.
Barrows, Donald S., Rochester, assignor to The Symington-Gould Corporation, Depew, N. Y. Journal box. 2,569,277, Sept. 25.
Barrows, Donald S., and E. H. Blattner, Rochester, assignors to The Symington-Gould Corporation, Depew, N. Y. Railway truck. 2,566,158, Aug. 28.
Barry, Aaron W., Grosse Pointe Farms, Mich. Hypodermic syringe. 2,554,451, May 22.
Barry, Adelbert: *See*—
Blair, Donald W., and Barry.
Barry, Adelbert, Houston, Tex., assignor, by mesne assignments, to Standard Oil Development Company, Elizabeth, N. J. Casing perforating gun. 2,543,823, Mar. 6.
Barry, Adelbert, Houston, Tex., assignor, by mesne assignments, to Standard Oil Development Company, Elizabeth, N. J. Clamping device for gravity meters. 2,560,326, July 10.
Barry, Arthur J.: *See*—
De Pree, Lee, Barry, and Hook.
Barry, Arthur J., assignor to Dow Corning Corporation, Midland, Mich. Bonding rubber to glass. 2,557,778, June 19.
Barry, Arthur J., assignor to Dow Corning Corporation, Midland, Mich. Phenylene linked organopolysilanes. 2,557,931, June 26.
Barry, Arthur J., assignor to Dow Corning Corporation, Midland, Mich. Silicon-containing rubber compositions. 2,561,177, July 17.
Barry, Arthur J., assignor to Dow Corning Corporation, Midland, Mich. Production of arylhalosilanes. 2,572,302, Oct. 23.

Barry, Arthur J., Midland, L. De Pree, Holland, and D. E. Hook, assignors to The Dow Chemical Company, Midland, Mich. Synthesis of aromatic silane. 2,546,330, Mar. 27.

Barry, Arthur J., and D. E. Hook, Midland, and L. D. Pree, Holland, assignors to The Dow Chemical Company, Midland, Mich. Preparation of halosilanes. 2,556,462, June 12.

Barry, Arthur J., and J. W. Gilkey, assignors to Dow Corning Corporation, Midland, Mich. Carboxyphenylpolysiloxane-polyhydric alcohol copolymers. 2,570,090, Oct. 2.

Barry, John K., Jr., Philadelphia, and W. C. Hale, Jr., assignors to South Chester Corporation, Chester, Pa. Spring threaded bolt fastening device. 2,575,311, Nov. 13.

Barry, Joseph, Richmond Hill, N. Y. Window lock. 2,546,535, Mar. 27.

Barry, Joseph A., deceased, Philadelphia, Pa.; M. A. and J. A. Barry, Jr., executors of said J. A. Barry. Apparatus for checking bowling balls on return tracks. 2,545,252, Mar. 13.

Barry, Joseph A., Jr., executor: *See*—
Barry, Joseph A.

Barry, Joseph F., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Metallic container sealing method. 2,538,495, Jan. 16.

Barry, Joseph F., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Metallic container sealing apparatus. 2,538,496, Jan. 16.

Barry, Joseph F., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electric contacts. 2,576,437, Nov. 27.

Barry, Jules, Arabi, La. Portable fire escape. 2,558,122, June 26.

Barry, Leon G., Whippany, assignor to United States Instrument Corporation, Summit, N. J. Rotary switch. 2,577,225, Dec. 4.

Barry, Leon G., Whippany, assignor to United States Instrument Corporation, Summit, N. J. Indexing mechanism. 2,579,169, Dec. 18.

Barry, Marie A., executrix: *See*—
Barry, Joseph A.

Barry-Wehmiller Machinery Company, assignee: *See*—
Wehmiller, Frederick W., Nekola, and Spelbrink.

Barry, William F., Los Angeles, Calif. Box construction. 2,547,849, Apr. 3.

Barsam, Arthur, Sr., Los Angeles, Calif. Dry shaver. 2,539,049, Jan. 23.

Barsch, Guillaume, Geneva, Switzerland. Dry shaver with abrader. 2,541,189, Feb. 13.

Barsky, George, New York, and F. A. Strauss, Staten Island, N. Y. Amino-aldehyde condensation products and preparing them. 2,548,416, Apr. 10.

Barsky, George, New York, and F. A. Strauss, Staten Island, N. Y. Amino-aldehyde resin solutions and preparing them. 2,576,711, Nov. 27.

Barsky, Georges, London, England, and E. Rivoche, Washington, D. C., said Barsky assignor to said Rivoche. Preservation of foodstuffs. 2,565,942, Aug. 28.

Barsky, Marie: *See*—
Rivoche, Eugene, and Barsky.

Barsotti, Russell F., Chicago, Ill. Bookmarker. 2,539,687, Jan. 30.

Barstow, Ormond E., and C. A. Pippin, assignor to The Dow Chemical Company, Midland, Mich. Spark-gap liquid level indicator. 2,548,696, Apr. 10.

Bart, Thomas E., assignor to The Murdock Mfg. & Supply Co., Cincinnati, Ohio. Antifreezing sanitary hydrant assembly. 2,545,911, Mar. 20.

Bartak, Anthony M., Kingsport, Tenn., assignor to Eastman Kodak Company, Rochester, N. Y. Dog mechanism for yarn winding machines. 2,541,456, Feb. 13.

Bartels, Arnold: *See*—
Stephens, Foster M., and Bartels.

Bartelink, Everhard H. B., Bronxville, N. Y., assignor to General Electric Company. Phase shifting apparatus. 2,548,855, Apr. 17.

Bartelink, Everhard H. B., Bronxville, N. Y., assignor, by mesne assignments, to Automatic Electric Laboratories, Inc., Chicago, Ill. Control terminal for mobile radio telephone. 2,575,782, Nov. 20.

Bartelink, Everhard H. B., Bronxville, and E. Daskam, Jr., Brooklyn, N. Y., assignors, by mesne assignments, to Automatc Electric Laboratories, Inc., Chicago, Ill. Carrier and radio termination for telephone circuits. 2,564,048, Aug. 14.

Bartels, Arnold H., Fort Wayne, Ind., assignor, by mesne assignments, to Farnsworth Research Corporation. Pulse generator. 2,549,764, Apr. 24.

Bartels, John, Dobbs Ferry, N. Y. Preparation of fruit flavors and the resulting product. 2,578,915, Dec. 18.

Barters, Incorporated, assignee: *See*—
Loe, Ira G.

Barth, Frank J., Jamaica, N. Y., assignor of one-half to E. Fraundorfer, Rego Park, N. Y. Making plastic bridgework. 2,576,206, Nov. 27.

Barth, Henry L., Scotia, N. Y., asignor to General Electric Company. Slot wedge for dynamoelectric machines. 2,569,278, Sept. 25.

Barth, Robert M., Pelham Manor, assignor to The F R Corporation, New York, N. Y. Fluid pumping film reel. 2,539,884, Jan. 30.

Barth, Theodore H.: *See*—
Norden, Carl L., and Barth.

Barthel, Justus C., Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Noncrystallizing rosin and preparing the same. 2,576,094, Nov. 27.

Bartholome, Bernard C., Evansville, Ind. Shirt board. 2,568,843, Sept. 25.

Bartholomew, Arthur W., Plymouth, assignor to Art Rattan Works, Inc., Mansfield, Ohio. Rotatable seat. 2,562,291, July 31.

Bartholomew, Earl, Birmingham, Mich., and H. C. Cross, Columbus, Ohio, assignors to Ethyl Corporation, New York, N. Y. Wear inhibitors for iron carbonyl. 2,546,421, Mar. 27.

Bartholomew, Fred R., Minneapolis, Minn. Method and apparatus for feeding and printing paper. 2,548,281, Apr. 10.

Bartholomew, Jess M., Michigan City, Ind., assignor to Joy Manufacturing Company. Compressor supercharging system. 2,544,821, Mar. 13.

Bartholomew, Thomas L., Baltimore, Md. Electrical multitester. 2,547,248, Apr. 3.

Bartleson, John D.: *See*—
Hughes, Everett C., and Bartleson.

Bartleson, John D., East Cleveland, assignor to The Standard Oil Company, Cleveland, Ohio. Additives for hydrocarbon oils. 2,572,000, Oct. 23.

Bartleson, John D., East Cleveland, assignor to The Standard Oil Company, Cleveland, Ohio. Processing lubricating oil by treating with a phosphorus sulfide and the resulting products. 2,560,543, July 17.

Bartleson, John D., East Cleveland, assignor to The Standard Oil Company, Cleveland, Ohio. Processing lubricating oil by treating with sulfuric acid, a phosphorus sulfide and clay, and the resulting product. 2,560,544, July 17.

Bartleson, John D., East Cleveland, assignor to The Standard Oil Company, Cleveland, Ohio. Processing lubricating oil by solvent-extraction and treating with a phosphorus sulfide and clay and the resulting products. 2,560,545, July 17.

Bartleson, John D., East Cleveland, assignor to The Standard Oil Company, Cleveland, Ohio. Processing solvent-extracted lubricating oil by treating with phosphorus pentasulfide and a base and the resulting products. 2,560,546, July 17.

Bartleson, John D., East Cleveland, assignor to The Standard Oil Company, Cleveland, Ohio. Processing lubricating oil by treating with sulfuric acid, a phosphorus sulfide and a base and the resulting products. 2,560,547, July 17.

Bartleson, John D., East Cleveland, assignor to The Standard Oil Company, Cleveland, Ohio. Processing solvent-extracted lubricating oil by treating with a phosphorus sulfide, a base and clay and the resulting products. 2,560,548, July 17.

Bartleson, John D., Cleveland, and E. C. Hughes, Cleveland Heights, assignors to The Standard Oil Company, Cleveland, Ohio. Unsaturated tertiary amine-P_2S_5 reaction products and lubricating oils containing same. 2,542,981, Feb. 27.

Bartleson, John D., and E. C. Hughes assignors to The Standard Oil Company, Cleveland, Ohio. Unsaturated amine-sulfur reaction products as lubricant additives and lubricating oils containing same. 2,542,982, Feb. 27.

Bartleson, John D., East Cleveland, and E. C. Hughes, Cleveland Heights, assignors to The Standard Oil Company, Cleveland, Ohio. Clean-burning carbonaceous compositions. 2,560,542, July 17.

Bartleson, John D., East Cleveland, and H. P. Lankelma, Shaker Heights, assignors to The Standard Oil Company, Cleveland, Ohio. Lubricants and lubricant additives. 2,566,397, Sept. 4.

Bartleson, John D., East Cleveland, and H. P. Lankelma, Shaker Heights, assignors to The Standard Oil Company, Cleveland, Ohio. Lubricants and lubricant additives. 2,566,398, Sept. 4.

Bartlett, Carl, Fort Wayne, Ind. Reed holder. 2,545,599, Mar. 20.

Bartlett, C. O., & Snow Company, The, assignee: *See*—
Fruechtel, Wilbert J.
Smith, Benjamin A.

Bartlett, George H., Vancouver, Wash. Combined scraper blade and scarifier attachment for tractors. 2,566,547, Sept. 4.

Bartlett, George W., Antioch, Ill. Drag for bodies and the like. 2,565,342, Aug. 21.

Bartlett Hayward Division, assignee: *See*—
Skinner, Claude M.

Bartlett, Jeffrey H.: *See*—
Cyphers, Elmer B., and Bartlett.

Bartlett, Jeffrey H., Westfield, N. J., assignor to Standard Oil Development Company. Polymeric lubricating oil additives. 2,575,992, Nov. 20.

Bartlett, Kenneth M., Cleveland, Ohio, assignor to Thompson Products, Inc. Apparatus for anodically treating internal surfaces. 2,577,644, Dec. 4.

Bartlett, Kenneth M., South Euclid, and M. S. Roush, Painesville, assignors to Thompson Products, Inc., Cleveland, Ohio. Cooled hollow article. 2,548,092, Apr. 10.
Bartlett, Marjorie, assignee: *See*—
Bartlett, Norman.
Bartlett, Norman, assignor of one-half to Marjorie Bartlett, North Tonawanda, N. Y. Amusement ride car. 2,539,360, Jan. 23.
Bartlett, Paul D., Weston, and S. D. Ross, North Adams, Mass., assignors to the United States of America as represented by the Secretary of the Army. Insect repellents. 2,537,021, Jan. 9.
Bartlett, Paul D., Weston, Mass., and A. Schneider, Philadelphia, Pa., assignors to the United States of America as represented by the Secretary of the Army. Insect repellents. 2,537,022. Jan. 9.
Bartlett, Paul D., Weston, Mass., and A. Schneider, Philadelphia, Pa., assignors to the United States of America as represented by the Secretary of the Army. Insect repellents. 2,537,023, Jan. 9.
Bartlett, Paul D., Weston, and S. D. Ross, North Adams, Mass., assignors to the United States of America as represented by the Secretary of the Army. Insect repellents. 2,564,663, Aug. 21.
Bartlett, Paul D., Weston, Mass., and H. J. Dauben, Jr., Seattle, Wash., assignors to the United States of America as represented by the Secretary of the Army. Insect repellents. 2,564,664, Aug. 21.
Bartlett, Paul D., Weston, Mass., and G. F. Woods, Silver Spring, Md., assignors to the United States of America as represented by the Secretary of the Army. Insect repellents. 2,564,665, Aug. 21.
Bartlett, Robert L., Atlanta, Ga. Screw driver. 2,567,466, Sept. 11.
Bartlett, William D., Cumberland, Md., assignor to Celanese Corporation of America. Lock sling. 2,560,624, July 17.
Bartlo, Frank R., Clovis, Calif. Sheet metal working tool. 2,543,347, Feb. 27.
Bartnick, Bertha, Chicago, Ill. Folding display. 2,546,144. Mar. 27.
Bartnik, Fanny: *See*—
Leto, Armetia.
Bartocci, Aldo: *See*—
De Gaspari, Vittorio, and Bartocci.
Bartoe, Albert W., Monongahela, assignor of fifty per cent to A. F. Hoeble, Mount Lebanon, Pa. Vehicle wheel dolly. 2,551,483, May 1.
Barton, Alfred P.: *See*—
Talalay, Anselm, and Barton.
Barton, Bernard C., Clifton, N. J., assignor to United States Rubber Company, New York, N. Y. Vulcanization of rubber. 2,546,083, Mar. 20.
Barton, Bernard C., Clifton, N. J., assignor to United States Rubber Company, New York, N. Y. Rubber composition, vulcanizing same, and resulting product. 2,550,182, Apr. 24.
Barton, Bernard C., Clifton, N. J., assignor to United States Rubber Company, New York, N. Y. Improving the cut growth resistance of butadiene-vinyl pyridine rubbery copolymers. 2,570,632, Oct. 9.
Barton, Charles K.: *See*—
Bierbach, Frank E., and Barton.
Barton, Charles K., Jr., and F. Tamaro, Paterson, N. J. Combination dispenser allowing selective discharge therefrom by orientation. 2,570,089, Oct. 2.
Barton, Charles W.: *See*—
Yven, Emile J., and Barton.
Barton, George L., assignee: *See*—
Belpedio, Vincent S., and Barton.
Barton, Hugh M., Jr., Brooklyn, N. Y., assignor to Phillips Petroleum Company. Tube socket for printed circuits. 2,569,550, Oct. 2.
Barton, James, Chicago, Ill. Lawn mower attachment. 2,554,805, May 29.
Barton, Leon M., Syracuse, N. Y., assignor to General Electric Company. Single side band modulator. 2,569,279, Sept. 25.
Barton, Loy E.: *See*—
Carlson, Wendell L., and Barton.
Barton, Loy E., Collingswood, N. J., assignor to Radio Corporation of America. Servo control amplifier. 2,538,494, Jan. 16.
Barton, Loy E., Princeton, N. J., assignor to Radio Corporation of America. Variable impedance device. 2,544,211, Mar. 6.
Barton, Loy E., Princeton, N. J., assignor to Radio Corporation of America. Intermediate frequency transformer. 2,570,633, Oct. 9.
Barton, Loy E., Princeton, N. J., assignor to Radio Corporation of America. Frequency selective signal amplifying system. 2,579,996, Dec. 25.
Barton, Murray M., assignor to Injection Molding Company, Kansas City, Mo. Sealing hollow bodies. 2,546,208, Mar. 27.
Barton, Paul, assignee: *See*—
McGuire, Daniel S.
Barton, Paul D., Phoenixville, assignor to Sun Oil Company, Philadelphia, Pa. Depressuring system. 2,574,139, Nov. 6.
Barton, Raymond W., assignor to Mead Johnson & Company, Evansville, Ind. Dispensing closure for sterile liquid containers. 2,568,108, Sept. 18.
Barton, Roger W.: *See*—
Victoreen, John A., and Barton.
Barton, Thomas K., McAllen, assignor to Sanitary Cushion Company, Corpus Christi, Tex. Seat pad. 2,552,476, May 8.
Bartoszek, Stanley G., assignor to The Oscar C. Rixson Co., Chicago, Ill. Door closer. 2,550,756, May 1.
Bartovics, Albert, Little Falls, N. J., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Chlorination of synthetic polymers. 2,537,641, Jan. 9.
Bartram, Carl M., Chico, Calif. Window burglar alarm. 2,577,224, Dec. 4.
Bartsch, Ernst A., Chicago, Ill. Bobby pin holder and opener. 2,576,822, Nov. 27.
Bartsch, Herbert E., Winnetka, Ill., assignor to Universal Railway Devices Co. Handwheel for railway car brakes. 2,552,083, May 8.
Bartschy, Charles A., Kelso, Wash. Pedestal supported rotary table top center section. 2,570,634, Oct. 9.
Bartson, Albert J., Ridgewood, N. J. Stop motion for jacquard looms. 2,545,065, Mar. 13.
Barttro, James L., Watertown, assignor to Raytheon Manufacturing Company, Newton, Mass. Electron discharge device of the magnetron type. 2,547,848, Apr. 3.
Barttro, James L., Watertown, assignor to Raytheon Manufacturing Company, Newton, Mass. Electron-discharge device of the magnetron type. 2,565,585, Aug. 28.
Bartz, Quentin R.: *See*—
Crooks, Harry M., Jr., Rebstock, Controulis and Bartz.
Barusch, Maurice R., Richmond, and G. H. Denison, Jr., San Rafael, assignors to California Research Corporation, San Francisco, Calif. Thallous compounds as rich mixture fuel additives. 2,562,885, Aug. 7.
Basch, Inga F., Philadelphia, Pa., assignor to H. Freudenberg, New York, N. Y. Brassière. 2,539,396, Jan. 30.
Bascom, Henry M., New York, R. F. Massonneau, Scarsdale, B. Ostendorf, Jr., Jamaica, and W. T. Rea, Manhasset, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signaling system. 2,561,722, July 24.
Bascom, Hugh W., Panora, Iowa. Door. 2,561,605, July 24.
Basdekis, Costas H.: *See*—
Scott, Milton J., Jackson, and Basdekis.
Basdekis, Costas H., Dayton, Ohio. assignor to Monsanto Chemical Company, St. Louis, Mo. Polymerizing acrylonitrile in the presence of alkali metal soap of mahogany acids. 2,548,282, Apr. 10.
Baselt, Walter H., assignor to American Steel Foundries, Chicago, Ill. Truck. 2,564,091, Aug. 14.
Baselt, Walter H., Flossmoor, assignor to American Steel Foundries, Chicago, Ill. Brake hanger. 2,568,703, Sept. 25.
Baselt, Walter H., Flossmoor, assignor to American Steel Foundries, Chicago, Ill. Brake hanger. 2,568,704, Sept. 25.
Basey, Clyde V.: *See*—
Alexander, James M., and Basey.
Bash, John M., Chicago, Ill. Degreasing equipment. 2,539,112, Jan. 23.
Bashkin, Stanley: *See*—
Stein, Frank S., Binns, Rice, and Bashkin.
Bashkin, Stanley, Madison, Wis., assignor to the United States of America as represented by the United States Atomic Energy Commission. Ion gauge. 2,548,283, Apr. 10.
Bashore, Homer H., Chicago, assignor to E. N. Saad, L. Demanes, and S. J Saad, doing business under the firm name of Sonette Company, Oak Park, Ill. Condiment dispenser having a resiliently depressable plunger for controlling the rate of flow. 2,570,422, Oct. 9.
Bashover, Albert, assignor to Conmar Products Corporation, Newark, N. J. Fully separable slide fastener. 2,553,230. May 15.
Bashover, Albert, assignor to Conmar Products Corporation, Newark, N. J. Lockable slide fastener. 2,578,035, Dec. 11.
Basic Refractories, Inc., assignee: *See*—
Ruiz, Joseph J.
Basic Vegetable Products Co., assignee: *See*—
Magnuson, Roy M.
Basilewsky, Alexis: *See*—
De Prez, Charles, and Basilewsky.
Basinger, James H., Knoxville, Tenn. Adjustable reading table. 2,563,671, Aug. 7.
Baskerville, Benjamin J., Joliet, Ill.; M. K., R. A., and M. A. Baskerville, F. A. B. Lennon, and W. J. Baskerville, heirs of said B. J. Baskerville, deceased, assignors to F. A. Lennon, Maywood, individually and as trustee for M. A. Baskerville, Joliet, W. J. Baskerville, Manhattan, and R. A. Baskerville, Symerton, Ill. Hay baler feed mechanism. 2,545,188, Mar. 13.
Baskerville, Margaret K., heir: *See*—
Baskerville, Benjamin J.
Baskerville, Marie A., assignee and heir: *See*—
Baskerville, Benjamin J.
Baskerville, Raymond A., assignee and heir: *See*—
Baskerville, Benjamin J.

Baskerville, Walter J., assignee and heir: *See*—
Baskerville, Benjamin J.
Baskin, Charles M., Toronto, Ontario, Canada, assignor to Standard Oil Development Company. Producing an impregnated, waterproof, fibrous sheet. 2,541,631, Feb. 13.
Basl, George J.: *See*—
Fisher, Ferd W., and Basl.
Basnett, Robert T.: *See*—
Armstrong, George C., Basnett, and Ellis.
Basnett, Robert T., Kenmore, N. Y., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Auxiliary contact device for electric contactors. 2,545,986, Mar. 20.
Basnett, Robert T., Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Drum switch. 2,565,114, Aug. 21.
Bass, Harland A., Mount Healthy, assignor to Avco Manufacturing Corporation, Cincinnati, Ohio. Antenna connector system. 2,538,497, Jan. 16.
Bass, Harland A., Mount Healthy, assignor to Avco Manufacturing Corporation, Cincinnati, Ohio. Line pulse keyed automatic gain control circuit with control voltage delay. 2,559,038, July 3.
Bass, Herman E., Enid, Okla. Garage door operator. 2,554,729, May 29.
Bass, John, New York, N. Y. Combination camera and developer. 2,578,498, Dec. 11.
Bass, Lloyd A., Crawford, Nebr. Straw gatherer and chopper. 2,571,652, Oct. 16.
Bass, Willie I., Fayetteville, N. C. Amphibious vehicle and cover therefor. 2,536,152, Jan. 2.
Bassett, Clifford S., executor: *See*—
Moyer, Charles L.
Bassett, Everett S.: *See*—
Kaefer, Martin H., and Bassett.
Bassett, Roy C., Danbury, Conn. Toolhead wedge. 2,539,719, Jan. 30.
Bassett, William L., Decatur, Ga. Knockdown basket. 2,553,628, May 22.
Bassi, Julius J., Monrovia, Calif. Measuring device for bowling balls. 2,566,511, Sept. 4.
Bassichis, William M., Cleveland, Ohio. Universally applicable foot traction appliance. 2,541,738, Feb. 13.
Bassick Company, The, assignee: *See*—
Claud-Mantle, Arthur.
Herold, Walter F.
Bassoff, Arthur, assignor to National Broach & Machine Company, Detroit, Mich. Tail stock. 2,576,498, Nov. 27.
Bassoff, Arthur B.: *See*—
Praeg, Walter S., and Bassoff.
Bassoli, Henri: *See*—
Zwilling, Jean-Paul, Bassoli, and Granger.
Basson's Picture Framing Co., Inc., assignee: *See*—
Weinberg, Sidney H., Jr.
Bast, Vincent J., Manitowoc, Wis. Injector. 2,573,299, Oct. 30.
Bastian, Arthur L., Mount Vernon, N. Y., assignor to Ward Leonard Electric Company. Close differential relay control. 2,566,974, Sept. 4.
Bastian-Blessing Company, The, assignee: *See*—
Buttner, William C., and Sundstrom.
Hassler, Frank R.
Norway, Harold L.
Thompson, Parke H.
Bastien, Victor G., New York, N. Y. Syringe. 2,571,653, Oct. 16.
Bastow, George E., Amherst, Mass. Combination billfold and coin purse. 2,578,390, Dec. 11.
Bastress, Ernest K., and E. G. de Coriolis, assignors to Surface Combustion Corporation, Toledo, Ohio. Forge furnace. 2,563,908, Aug. 14.
Basu, Deba P., and J. M. Moore, Bombay, India. Space reservation system. 2,542,890, Feb. 20.
Bašus, Jiří, assignor to Akciova spolecnost drive Skodovy zavody v Plzní, also named Limited Company, formerly The Skodaworks Plzen, Prague, Czechoslavakia. Arrangement for withdrawing cigarettes from a feed stock, their alignment, grouping and insertion into sleeves, boxes, or the like. 2,551,199, May 1.
Bata, Narodni Podnik, assignee: *See*—
Bánovský, Alois.
Bánovský, Alois, and Kružík.
Bureš, Stanislav, and Novak.
Chmelar, Václav.
Dokoupil, Alois.
Fiala, Jaroslav, and Žďichynec.
Javorek, Jaroslav.
Javorek, Jaroslav, and Vaňátko.
Kruzik, Arnost.
Kvapil, Klement, and Zoaral, and Ostrčil.
Landa, Miloslav.
Mašek, Josef.
Moravec, Jan.
Muc, Miloslav.
Procházka, Jiří.
Richter, Jiří.
Simorda, Josef.
Václavík, Jaroslav.
Vlček, Alois.
Zaoral, Josef, and Ostrčil.
Žížek, Antonín.
Bataille, Gerald S., Appleton, Wis., assignor to W. J. Adams, Chicago, Ill. Motor operated flue damper carrying a pressure operated auxiliary damper. 2,546,714, Mar. 27.
Bataille, Roger, Montmorency, assignor to Societe Francaise des Telecommunications, Neuilly-sur-Seine, France. Radio transmitter-receiver station with automatic frequency control. 2,550,519, Apr. 24.
Batchelder, Charles F., Jr., Milton, and L. Withington, Jr., Brookline, assignors to Wright-Batchelder Corporation, Boston, Mass. Right-angled welt. 2,563,638, Aug. 7.
Batchelder, Charles F. Jr., Milton, and L. Withington, Jr., Brookline, assignors to Wright-Batchelder Corporation, Boston, Mass. Beaded mock welting for McKay type footwear. 2,575,783, Nov. 20.
Batchelder, George W., and O. J. Bronn, Milwaukee County, assignors to The F. G. Findley Co., Milwaukee, Wis. Apparatus for pelleting solids. 2,570,423, Oct. 9.
Batchelder, Laurence, Cambridge, Mass., assignor to Raytheon Manufacturing Company. Hydrophone mounting. 2,560,066, July 10.
Batchelder, Laurence, Cambridge, Mass., assignor to Raytheon Manufacturing Company. Distance measuring system. 2,580,151, Dec. 25.
Batcheldor, Fred: *See*—
Barker, James, and Batcheldor.
Batchell, George W., assignor to Toledo Engineering Company, Inc., Toledo, Ohio. Shaping and annealing glass articles. 2,551,311, May 1.
Batcheller, Hugh W., Newton Highlands, Mass. Spade type electric connector. 2,552,392, May 8.
Batchelor, Clyde S., Upper Stepney, Conn., assignor to Raybestos-Manhattan, Inc., Passaic, N. J. Clutch facing and making same. 2,546,056, Mar. 20.
Batchelor, Clyde S., Upper Stepney, and F. C. Stanley, Fairfield, Conn., assignors to Raybestos-Manhattan, Inc., Passaic, N. J. Production of cone clutch members. 2,559,747, July 10.
Batchelor, Clyde S., Upper Stepney, and E. L. Carey, Bridgeport, Conn., assignors to Raybestos-Manhattan, Inc., Passaic, N. J. Apparatus for bonding brake linings to brake shoes. 2,559,748, July 10.
Batcher, Ralph R.: *See*—
Baltin, William H., and Batcher.
Schultz, Mortimer L., Pacent, and Batcher.
Batcher, Ralph R., Douglaston, N. Y. Variable condenser and drive means therefor. 2,580,000, Dec. 25.
Batdorf, Richard O., Rosalia, Wash. Clasp for wristbands. 2,553,889, May 22.
Bate, Alan, Riverton, assignor to The Winsted Hardware Manufacturing Company, Winsted, Conn. Electric-iron thermostat. 2,537,808, Jan. 9.
Bate, Alan, Riverton, assignor to The Winsted Hardware Manufacturing Company, Winsted, Conn. Folding electric steam iron. 2,573,174, Oct. 30.
Bateman, Calvin A., Etna, Wyo. Grain trailer. 2,572,099, Oct. 23.
Bateman, James T., Norfolk, Va. Clothesline prop. 2,560,150, July 10.
Bateman, Lawrence G.: *See*—
Williams, Victor G., Wood, and Bateman.
Bateman, Ralph C., and B. J. Schnitzer, assignors to Goodyear Aircraft Corporation, Akron, Ohio. Zigzag spring seat. 2,571,184, Oct. 16.
Bateman, Sally, assignee: *See*—
Pfeifer, Charles F.
Bateman, William W., Mineral Wells, Tex. Power transmission for ice scoring machines. 2,541,323, Feb. 13.
Bates, Albert H., assignor to Burd Piston Ring Company, Rockford, Ill. Method of and machine for making piston rings. 2,566,304, Sept. 4.
Bates, Albert H., assignor to Burd Piston Ring Company, Rockford, Ill. Piston ring splitting and trimming machine. 2,560,549, July 17.
Bates, Beulah H., assignee: *See*—
Bates, Walter A.
Bates, Clifford V., Chicago, Ill. Period timing mechanism. 2,571,185, Oct. 16.
Bates, Grant L., Murtaugh, Idaho. Bale stacker. 2,551,235, May 1.
Bates, James E., Binghamton, assignor to General Aniline & Film Corporation, New York, N. Y. Thallium salts in photographic color developers. 2,561,166, July 17.
Bates, James E., Binghamton, assignor to General Aniline & Film Corporation, New York, N. Y. Photographic developer containing thallium salts. 2,572,903, Oct. 30.
Bates, Julius S. W., assignee: *See*—
Tour, Sam.
Bates Manufacturing Company, The, assignee: *See*—
Lang, William.
Bates, Maurice R.: *See*—
Jensen, William H., and Bates.
Bates, Mildred R., Orange, N. J. Manicuring device. 2,538,076, Jan. 16.
Bates, Nathan, Bartow, Fla., assignor, by mesne assignments, to Swift & Company. Sewing machine attachment. 2,569,396, Sept. 25.
Bates, Norman C., Rockville Centre, N. Y. Saxophone halter. 2,561,606, July 24.
Bates, Raymond F., Cleveland, Ohio. Gun carrier. 2,536,252, Jan. 2.
Bates, Robert O., South Gate, Calif. Windshield. 2,564,800, Aug. 21.

Bates, Robert W., Bound Brook, and H. Cohen, New Brunswick, N. J., assignors to E. R. Squibb & Sons, New York, N. Y. Obtaining a conjugated estrogen preparation. 2,565,115, Aug. 21.
Bates, Roy W., Rockwood, Mich. Roadside signpost. 2,579,997, Dec. 25.
Bates, Sidney R.: *See*—
Klooz, Paul W., and Bates.
Bates, Walter A., assignor to B. H. Bates, Joliet, Ill. Anchor for gratings. 2,572,431, Oct. 23.
Bates, Walter A., assignor to B. H. Bates, Joliet, Ill. Grating anchor. 2,572,432, Oct. 23.
Bates, William A., Berkeley, assignor to California Research Corporation, San Francisco, Calif. Beneficiation of iron ores. 2,547,148, Apr. 3.
Bates, William E.: *See*—
Palmatier, Everett P., and Bates.
Batey, Thomas E., Weston, Mass. Cutoff stop motion for textile machinery. 2,555,219, May 29.
Bath, Carl C., Baltimore, assignor to Bendix Aviation Corporation, Towson, Md. Radial beam modulator tube. 2,552,363, May 8.
Bath, Carl C., Baltimore, assignor to Bendix Aviation Corporation, Towson, Md. Pulse-width demodulator. 2,568,213, Sept. 18.
Bath, Cyril J., Chagrin Falls, Ohio. Multiple tangent bender. 2,552,616, May 15.
Bath, Cyril J., Chagrin Falls, Ohio. Tangent bender with flange turning device. 2,552,617, May 15.
Bath, John, & Company, assignee: *See*—
Peterson, Harold L.
Batík, Josef, Prague, Cbechoslovakia. Hollow grate bar assembly. 2,569,438, Oct. 2.
Battaglia, James G., assignor of 50 per cent to Jack David, San Pedro, Calif. Variable lift airfoil. 2,539,222, Jan. 23.
Battaglia, William I., San Jose, Calif. Preserving prunes in containers. 2,548,284, Apr. 10.
Battelle Development Corporation, assignee: *See*—
Austin, Chester R., and Allison.
Beaver, Wallace W.
Faust, Charles L.
Faust, Charles L., and Beach.
Herres, Schuyler A., and Davis.
Hodge, Allen W.
Lepp, Jack M., and Slyh.
Maddex, Phillip J.
Ruemmler, Waldemar P.
Schaffert, Roland M.
Walkup, Lewis E., and Fauser.
Battelle Memorial Institute, assignee: *See*—
Hazen, Wayne C.
Batten, Alfred J., assignor to Gerrard Industries Limited, Brentford, England. Tacking machine. 2,569,220, Sept. 25.
Batten, Alfred J., assignor to Gerrard Industries Limited, Brentford, England. Magazine and feed means for stapling machines. 2,569,221, Sept. 25.
Batten, Percy H., assignee, trustee: *See*—
Lundgren, Sven G., and Eriksson.
Battersby, James E., Summerstown, assignor to Masson Scott & Company Limited, London, England. Apparatus for counting and marking sheets cut from webs. 2,570,306, Oct. 9.
Battey, Alfred P., Eastcote, England, assignor to R. Hoe & Co. Inc., New York, N. Y. Sheet feeding mechanism. 2,554,320, May 22.
Battey, Alfred P., London, England, assignor to R. Hoe & Co. Inc., New York, N. Y. Sheet separating mechanism. 2,563,450, Aug. 7.
Battle Creek Bread Wrapping Company, assignee: *See*—
Smith, John W.
Battle Creek Bread Wrapping Machine Company, assignee: *See*—
Smith, John W.
Battles, Ralph A.: *See*—
Battles, Willis R. and R. A.
Battles, Willis R., Redondo Beach, and R. A. Battles, El Monte, Calif. Car seat convertible to bed. 2,567,048, Sept. 4.
Battocchi, Silvio R., Hartford, Conn. Saw grinding mechanism. 2,547,553, Apr. 3.
Batts, Melville, Indianapolis, Ind., assignor to International Harvester Company. Palleting arrangement for transporting devices. 2,555,529, June 5.
Batzler, Anthony J., Milwaukee, Wis. Pouring spout for liquid containers with opening and closure, said spout adapted to be sealed around the closed opening. 2,575,040, Nov. 13.
Baudry, René A.: *See*—
Rashevsky, Michael, and Baudry.
Baudry, René A., Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Springless self-equalizing thrust bearing. 2,565,116, Aug. 21.
Baudry, René A., and B. B. Winer, Pittsburgh, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Gland seal for hydrogen-cooled machines. 2,554,234, May 22.
Bauer, Benjamin B., Oak Park, assignor to Shure Brothers Inc., Chicago, Ill. Directional microphone with a compliant link interconnected between the two diaphragms. 2,553,539, May 22.
Bauer, Benjamin B., Oak Park, assignor to Shure Brothers, Incorporated, Chicago, Ill. Lever type piezoelectric transducer. 2,565,586, Aug. 28.
Bauer Bros. Company, The, assignee: *See*—
Woodruff, Maurice D.
Bauer, Charles A., Newburg, and A. S. Kothe, assignors to Hoosier Cardinal Corporation, Evansville, Ind. Ice cube tray. 2,551,411, May 1.
Bauer, Clarence H., assignor to Cadillac Gage Company, Detroit, Mich. Height gauge fixture. 2,544,004, Mar. 6.
Bauer, Daniel M.: *See*—
Mahlon, Thomas E., and Bauer.
Bauer, Earl W., assignor to Wagner Electric Corporation, St. Louis, Mo. Surge insulation tester. 2,578,499, Dec. 11.
Bauer, Emile, Valence-sur-Rhone, assignor to J. and S. Barnier, Valence-sur-Rhone (Drome), France. Production of esters of N-ethanol morpholine. 2,575,041, Nov. 13.
Bauer, Ernest K., Meadville, Pa., assignor to American Viscose Corporation, Wilmington, Del. Warp beam stopping mechanism. 2,546,141, Mar. 27.
Bauer, Ernest K., Meadville, Pa., assignor to American Viscose Corporation, Wilmington, Del. Creel. 2,547,072, Apr. 3.
Bauer, Ernest K., Meadville, Pa., assignor to American Viscose Corporation, Wilmington, Del. Apparatus for marking strands. 2,548,856, Apr. 17.
Bauer, Ernest K., Meadville, Pa., assignor to American Viscose Corporation, Wilmington, Del. Fiber cutter. 2,559,700, July 10.
Bauer, Ernest K., Meadville, Pa. assignor to American Viscose Corporation, Wilmington, Del. Yarn handling method and apparatus. 2,563,986, Aug. 14.
Bauer, Ernest K., Meadville, Pa., assignor to American Viscose Corporation, Wilmington, Del. Expansible package support. 2,564,746, Aug. 21.
Bauer, Ernest K., Meadville, Pa., assignor to American Viscose Corporation, Wilmington, Del. Apparatus for winding. 2,572,904, Oct. 30.
Bauer, Ernest K., Meadville, Pa., assignor to American Viscose Corporation, Wilmington, Del. Warp beam. 2,572,905, Oct. 30.
Bauer, Ernest K., Meadville, Pa., assignor to American Viscose Corporation, Wilmington, Del. Staple fiber cutter. 2,576,170, Nov. 27.
Bauer, Ernest K., and W. H. Newton, Meadville, Pa., assignors to American Viscose Corporation, Wilmington, Del. Beaming apparatus. 2,558,033, June 26.
Bauer, Hans A., Prairie View, assignor to Autopoint Company, Chicago, Ill. Clip assembly. 2,541,855, Feb. 13.
Bauer, Hans A., Prairie View, assignor to Autopoint Company, Chicago, Ill. Telephone-address index or register. 2,573,534, Oct. 30.
Bauer, Jackson, Newportville, Pa., assignor to Fred Whitaker Company. Brashening of wool. 2,570,750, Oct. 9.
Bauer, Jacob: *See*—
Alvino, William J., and Bauer.
Bauer, Joseph, and A. Schittelbauer, Detroit, Mich. Depth gauge. 2,546,882, Mar. 27.
Bauer, Joseph J., Tracy, Calif. Planter supporting implement. 2,571,407, Oct. 16.
Bauer, Jules J., Pittsburgh, Pa. Outlet plug connector. 2,563,909, Aug. 14.
Bauer, Julius, Chicago, Ill. Book protector. 2,551,784, May 8.
Bauer, Oliver F., East Rochester, and A. P. Schauseil, assignors to Gleason Works, Rochester, N. Y. Machine for producing gears. 2,536,413, Jan. 2.
Bauer, Oscar W., and J. W. Teter, Chicago, Ill., assignors to Sinclair Refining Company, New York, N. Y. Production of amino nitriles by ammonolysis of chloro nitriles. 2,552,026, May 8.
Bauer, Walter C., Chevy Chase, assignor to The Briggs Filtration Company, Bethesda, Md. Liquid clarifier. 2,572,971, Oct. 30.
Bauer, William V., New York, N. Y., assignor to Stauffer Chemical Company. Carbon bisulfide retort. 2,577,729, Dec. 11.
Bauerlein, Carl C., Glencoe, and G. C. Michalsen, assignors to The Dole Valve Company, Chicago, Ill. Liquid dispenser for carbonated beverages. 2,537,119, Jan. 9.
Baugh, Charles H., Richmond, Va. Purse lighter. 2,540,470, Feb. 6.
Baugh, Everett L., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Control device. 2,561,555, July 24.
Baugh, Everett L., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Fluid pump pressure limiting valve. 2,574,613, Nov. 13.
Baugh, Raymond N., Bridgeport, and R. F. Wycinowski, Fairfield, Conn., said Wycinowski assignor to said Baugh. Fishing reel. 2,575,156, Nov. 13.
Baugh, Robert T., Brookfield, assignor to Chain Belt Company, Milwaukee, Wis. Conveyer chain. 2,541,632, Feb. 13.
Baugh, Willard H., Williamston, Mich. Garment hanger. 2,555,672, June 5.
Baughman, George W., assignor to The Union Switch & Signal Company, Swissvale, Pa. Traffic controlling apparatus. 2,537,298, Jan. 9.

Baughman, George W., assignor to The Union Switch & Signal Company, Swissvale, Pa. Manual block signaling system for railways not having continuous track circuits. 2,554,000, May 22.
Baughman, George W., Swissvale, Pa., assignor to Westinghouse Air Brake Company. Remote-control system. 2,574,774, Nov. 13.
Baukus, Frank W., Saginaw, Mich. Cutter and housing with magnifying glass. 2,542,460, Feb. 20.
Baule, Gerhard H. J., Salina, N. Y. Socket head screw. 2,538,350, Jan. 16.
Baum, Arthur A.: *See*—
Sturgis, Bernard M., and Baum.
Baum, Arthur A., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Inorganic sponge blowing agents. 2,544,483, Mar. 6.
Baum, Arthur A., assignor to E. I. du Pont de Nemours and Company, Wilmington, Del. Vulcanization of chloroprene polymers. 2,544,746, Mar. 13.
Baum, Cleophas P., Westgate, Md. Coupling. 2,551,577, May 8.
Baum, Joseph L., Hartford, Conn. Novelty glove for animated figures. 2,546,209, Mar. 27.
Baum, Nathaniel L., Los Angeles, Calif., and J. Wynkoop, Brooklyn, N. Y., assignors to Turco Products, Inc., Los Angeles, Calif. Paint remover. 2,548,766, Apr. 10.
Baum, Richard F., assignor to Federal Telephone and Radio Corporation, New York, N. Y. Antenna. 2,541,021, Feb. 13.
Baum, William G., assignor to Inland Steel Products Company, Milwaukee, Wis. Partition base clip. 2,576,557, Nov. 27.
Bauman, Carl S., Jr., Leavenworth, Kans., assignor to Texas Ice & Refrigerating Co., Fort Worth, Tex. Apparatus for drying hygroscopic liquids. 2,556,250, June 12.
Bauman, Samuel B.: *See*—
Johnson, Robert C., and Bauman.
Bauman, William C., assignor to The Dow Chemical Company, Midland, Mich. Removing sulfate and bicarbonate ions from water. 2,559,529, July 3.
Bauman, William C., and G. B. Heusted, assignors to The Dow Chemical Company, Midland, Mich. Ion exchange resins and treating a solution of an acid in a liquid ionizing medium to remove anions. 2,546,938, Mar. 27.
Baumann, Bruno A.: *See*—
Nordquist, Ronald E. J., and Baumann.
Baumann, Frederick W., and K. P. Grenfell, Schenectady, N. Y., assignors to General Electric Company. Preset speed device for adjustable speed motors. 2,561,837, July 24.
Baumann, Gilbert M.: *See*—
Beyer, Elmer J., and Baumann.
Baumann, K., Mere, Knutsford, assignor to Metropolitan-Vickers Electrical Company Limited, London, England. Power plant, including normally contrarotating turbine elements for driving a load shaft and means for rotating said elements in the same direction when the turbine is idling. 2,561,090, July 17.
Baumann, Martin, Chicago, Ill., assignor to International Paper Company, New York, N. Y. Shipping container. 2,575,784, Nov. 20.
Baumann, Paul C., Milwaukee, Wis. Apparatus for handling and applying plaster. 2,552,763, May 15.
Baumé, Betty L., executrix: *See*—
Baumé, Edwall J.
Baumé, Edwall J., deceased, Long Beach, Calif., B. L. Baumé, executrix, assignor by decree of court to H. F. Clary. Closure lock with adjustable latch bolt and knob removing means. 2,542,175, Feb. 20.
Baumgardner, Earl W., Watsonville, Calif. Artificial tooth. 2,574,810, Nov. 13.
Baumgartner, John G., Oswego, Ill. Surgical hand brush. 2,546,291, Mar. 27.
Baumgartner, John G., Oswego, Ill. Brush. 2,558,334, June 26.
Baumgartner, John R., Milwaukee, Wis., and J. G. Bell, assignors, by mesne assignments, to Morris Paper Mills, Chicago, Ill. Container spinning machine. 2,545,912, Mar. 20.
Baumgartner, Luther L.: *See*—
Standen, John H., and Baumgartner.
Baumgartner, Luther L., Hastings on the Hudson, assignor to The B. F. Goodrich Company, New York, N. Y. Nitroaryl esters of 2-mercaptothiazines as herbicides. 2,547,682, Apr. 3.
Baumgartner, Luther L., Hastings on Hudson, assignor to The B. F. Goodrich Company, New York, N. Y. Herbicidal compositions and application thereof. 2,562,011, July 24.
Baumgartner, Luther L., Hastings on Hudson, assignor to The B. F. Goodrich Company, New York, N. Y. Herbicidal compositions. 2,567,987, Sept. 18.
Baumhardt, Lofton C.: *See*—
King, Burnham W., Jr., and Baumhardt.
Baumle, Rudolf K. F., assignor to Illinois Tool Works, Chicago, Ill. Slotting mechanism. 2,561,966, July 24.
Baur, John W.: *See*—
Gustafsson, Eric, and Baur.
Gustafsson, Eric, Baur, and Kern.
Baur, Lorenz S., and M. P. Gerber, assignors to M & R Dietetic Laboratories, Inc., Columbus, Ohio. Noncurding high calcium milk product and producing same. 2,541,568, Feb. 13.
Bauroth, Walter J., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Two-part connector and cam means for forcing the two parts into engagement. 2,577,871, Dec. 11.
Bausch & Lomb Optical Company, assignee: *See*—
Alexander, Collin H., and Baer.
Benford, James R.
Flint, Edward F.
Forrest, John W., and Stegeman.
Jones, Burr W.
Kosbab, Harold W.
Kreidl, Norbert J.
Kreidl, Norbert J., and Brewster.
Kurtz, John C., and Gallasch.
Morey, John R.
Perkins, Willard T.
Sharp, John V.
Stegeman, Raymond F. E.
Street, Donald T.
Baush Machine Tool Company, assignee: *See*—
Phillips, Harry F.
Bausman, Alonzo L., assignor to Mill River Tool Company, Springfield, Mass. Tray emptying mechanism for confectionery molding machines. 2,561,775, July 24.
Baxter, David, Fort Wayne, Ind. Instrument for cultivation of voice. 2,577,562, Dec. 4.
Baxter, Frederic L., Jr., Pound Ridge, N. Y., assignor to The Perkin-Elmer Corporation, Glenbrook, Conn. Lens mount. 2,571,186, Oct. 16.
Baxter, Frederic L., Jr., New Canaan, assignor to The Perkin-Elmer Corporation, Glenbrook, Conn. Lens mount. 2,571,187, Oct. 16.
Baxter, George E., Grand River, assignor to Diamond Alkali Company, Cleveland, Ohio. Continuous process for manufacture of vinyl chloride. 2,541,022, Feb. 13.
Baxter, Henry L., Antlers, Okla. Load restrained automatic return gate. 2,557,857, June 19.
Baxter, Howard A., Green Village, and W. D. Lewis, Little Silver, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Motion translating mechanism. 2,541,324, Feb. 13.
Baxter, James G.: *See*—
Cawley, John D., Robeson, Shantz, Weisler, and Baxter.
Baxter, Joseph, Jr., Franklin, assignor to The Black-Clawson Company, Hamilton, Ohio. Apparatus for thickening liquid slurry stock. 2,548,417, Apr. 10.
Baxter, Joseph M.: *See*—
Booher, Ortis C., and Baxter.
Baxter Laboratories, Inc., assignee: *See*—
Nesset, Naurice M.
Baxter, Robert, Detroit, Mich. Illuminated advertising device. 2,552,249, May 8.
Baxter, Robert R., and M. A. Milling, Anderson, Ind. Sewage treatment system. 2,574,685, Nov. 13.
Bay, Frank N., Albia, Iowa. Automatic surgical irrigator. 2,542,461, Feb. 20.
Bay, Thomas J., U. S. Navy. Heat exchanger finned tube. 2,537,024, Jan. 9.
Bayard, Honoré M., Meudon, and R. J. C. Roquet, Clamart, France. Device for measuring the index-number of a telegraphic modulation. 2,562,761, July 31.
Bayerl, Adolf, Bilthoven, Netherlands. Open electric arc lamp and unit of electrodes therefor. 2,557,589, June 19.
Bayers, George W., assignee: *See*—
Bayers, George W., Jr.
Bayers, George W., Jr., assignor of one-half to G. W. Bayers, Denver, Colo. Carbonating machine. 2,568,980, Sept. 25.
Bayes, Ross: *See*—
Stumbock, Max J., and Bayes.
Bayford, Leslie J. C., Hayes, and T. H. Fulcher, Hillington, assignors to Electric & Musical Industries Limited, Hayes, England. Mounting of electrode structures in envelopes. 2,542,108, Feb. 20.
Bayha, Walter G.: *See*—
James, William J., and Bayha.
Bayhi, Joseph F., Tulsa, Okla., assignor to Standard Oil Development Company. Method and apparatus for detecting corrosion. 2,553,350, May 15.
Bayless, Frederick B., and D. A. Chase, Odessa, Tex., assignors to Phillips Petroleum Company. Liquid seal stuffing box assembly and polished rod for the same. 2,544,212, Mar. 6.
Bayless, John, Oklahoma City, Okla. Chair arm. 2,566,113, Aug. 28.
Bayliss, Reginald: *See*—
Culver, Douglas E., and Bayliss.
Baylor, Arthur D., assignor to Avco Manufacturing Corporation, Cincinnati, Ohio. Multiband oscillator. 2,578,335, Dec. 11.
Baylor, Leon W., Kilmarnock, Va. Prefabricated block flue. 2,539,177, Jan. 23.
Baymiller, John W., Manheim Township, Lancaster County, assignor to Armstrong Cork Company, Lancaster, Pa. Making textile units for fiber drafting. 2,557,932, June 26.

Bay State Optical Company, assignee: *See*—
Hansen, Julius E.
Bayston, John R., Chicago, Ill., assignor, by mesne assignments, to Icecrafter Trust. Ice-making machine. 2,542,891, Feb. 20.
Bayston, John R., Chicago, Ill., assignor, by mesne assignments, to Icecrafter Trust. Machine for manufacturing ice. 2,542,892, Feb. 20.
Bayston, John R., Chicago, Ill., assignor, by mesne assignments, to Icecrafter Trust. Ice product and manufacturing. 2,575,509, Nov. 20.
Bayston, John R., Van Nuys, Calif. Pyrophoric cigar and cigarette lighter. 2,544,249, Mar. 6.
Bayston, John R., Van Nuys, Calif., assignor, by mesne assignments, to Icecrafter Trust; J. R. Bayston, Van Nuys, B. B. Oliver, North Hollywood, Calif., and W. M. Vanderpool, Rockford, Ill., as trustees. Ice-making machine. 2,563,093, Aug. 7.
Bayto, Andrew J., Muse, assignor of one-half to G. Trputac, Edinboro, Pa. Holder for fishing rods or poles. 2,553,231, May 15.
Bay West Paper Company, assignee: *See*—
Engel, John B.
Peacock, Finley C., and Engel.
Baze, James C.: *See*—
Adair, Roy E., and Baze.
Beach, Earl F.: *See*—
Wallace, James M., and Beach.
Beach, Eugene H., Highland, Mich., and M. T. Weiss, New York, N. Y. Resistance testing device. 2,536,022, Jan. 2.
Beach, Harold W., Abilene, Kans. Parts cleaning machine. 2,570,021, Oct. 2.
Beach, James E.: *See*—
Patterson, John L., Beach, and Feldbauer.
Beach, John G.: *See*—
Faust, Charles L., and Beach.
Beach, Leland K., Mountainside, N. J., assignor to Standard Oil Development Company. Cis-butene oxidation. 2,537,568, Jan. 9.
Beach, Lennox F., Port Washington, O. E. Esval, Huntington, and A. W. Lane, Roosevelt, N. Y., assignors to The Sperry Corporation. Course indicator. 2,561,332, July 24.
Beach, Paul P., deceased, Berwyn, Md.; C. Craig, administratrix, assignor of one-third to C. W. Geib, Bergen County, N. J., and one-third to R. U. Geib, Jr., Fairfax County, Va. Poultry feeder. 2,550,215, Apr. 24.
Beach, Ronald O., Washington D. C. Detonator testing device. 2,543,754, Mar. 6.
Beach, Willard C., Montville, N. J. Self-locking screw-threaded element. 2,576,438, Nov. 27.
Beachler, Edward D., assignor to Beloit Iron Works, Beloit, Wis. Papermaking machine rectifier roll. 2,566,439, Sept. 4.
Beacom, Harold R., Osborn, Ohio. System for eliminating or greatly reducing the errors in gyroscopic devices or the like. 2,566,305, Sept. 4.
Beacom, Robert, assignor to The National Acme Company, Cleveland, Ohio. Releasing threading toolholders. 2,564,666, Aug. 21.
Beacon Manufacturing Company, assignee: *See*—
Riddle, Jeter H., and Reed.
Beacon Products Corporation, assignee: *See*—
Sholkin, Murray E.
Beagle, Victor E., Alexandria, Va. Cover for curb boxes and the like. 2,566,870, Sept. 4.
Beagles, Robert, Collingswood, N. J., assignor to Radio Corporation of America. Pulse rate monitor. 2,554,806, May 29.
Beaird, J. B., Company, Inc., assignee: *See*—
Beaird, James P.
Beaird, James P., assignor to J. B. Beaird Company, Inc., Shreveport, La. Closure device. 2,548,934, Apr. 17.
Beal, Carl L., Garden City, assignor to Ideal Latex Corporation, Hollis, N. Y. Rubber doll. 2,554,001, May 22.
Beal, Keith F: *See*—
Signer, Ralph J., and Beal.
Beale, Frederic S.: *See*—
Fox, Roy C., and Beale.
Beales, Kenneth R. and G. J. Petros, Irvington, Nebr. Multidisk ribbon jet. 2,561,457, July 24.
Beall, Desmond, Westmount, assignor to Ayerst, McKenna and Harrison, Limited, Saint Laurent, Quebec, Canada. Hydrolysis of steroid sulfates. 2,567,268, Sept. 11.
Beall, Donald L.: *See*—
Nusbaum, Maynard H., and Beall.
Beall, Donald L., Goshen, and H. C. Menges, Bristol, assignors to M. H. Nusbaum, Elkhart, Ind., and O. K. Brandon, Manchester, N. H. Portable, visual, and electric traffic signal. 2,564,145, Aug. 14.
Beals, Albert, Wichita, Kans. Price tag holder. 2,564,517, Aug. 14.
Beals, Malcolm D., Plainfield, and L. R. Blair, New Brunswick, N. J., assignors to National Lead Company, New York, N. Y. Frit compositions for vitreous enamels. 2,576,916, Dec. 4.
Beam, Harry A., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Flaking machine and method. 2,555,309, June 5.
Beaman, Bernard, R. A. Stein, and J. Hulman, Dayton, Ohio. Main and starting engine with gear and hydraulic accessory drive system. 2,557,933, June 26.
Beaman, Phineas A., and J. R. North, assignors to Morgan Construction Company, Worcester, Mass. Wire handling apparatus. 2,575,785, Nov. 20.
Beaman, William E., Foresthill, Calif. Expansion unit to compensate for temperature changes in a vehicle hydraulic drive system. 2,561,167, July 17.
Beamesderfer, Herman S., and R. D. Troxel, Sheridan, Pa. Check valve. 2,554,002, May 22.
Bean, Arthur I., assignor to The Fellows Gear Shaper Company, Springfield, Vt. Lead measuring machine. 2,563,000, Aug. 7.
Bean, Arthur I., assignor to The Fellows Gear Shaper Company, Springfield, Vt. Apparatus for measuring helix angle and taper of gear teeth and the like. 2,563,910, Aug. 14.
Bean, Frank R., Rochester, N. Y., assignor to Fasco Industries, Inc. Manually operable thermostatic switch assembly. 2,567,361, Sept. 11.
Bean, Frederic R., assignor to Eastman Kodak Company, Rochester, N. Y. Halogenation of n-methyl-4-aminophenol. 2,578,281, Dec. 11.
Bean, Herbert S., Elkton, Md. Electric propulsion unit for miniature railways. 2,536,344, Jan. 2.
Bean, Morris, and W. S. Touchman, Yellow Springs, Ohio, and W. C. Bruckman, Bergenfield, N. J., assignors to General Motors Corporation, Detroit, Mich. Plaster mixing machine. 2,574,238, Nov. 6.
Beanblossom, Walter S.: *See*—
Loverde, Anthony, and Beanblossom.
Beanblossom, Walter S., Niagara Falls, N. Y., assignor to the United States of America as represented by the United States Atomic Energy Commission. Photochemical chlorination of hydrocarbons. 2,566,052, Aug. 28.
Bear Manufacturing Company, assignee: *See*—
Martin, Sidney W.
Beard, Charles I., Dallas, Tex., assignor, by mesne assignments, to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Surface wave cancellation electrical prospecting. 2,542,462, Feb. 20.
Beard, Edward S., Spring City, Pa. Adjustable tubular fabric spreader. 2,553,074, May 15.
Beard, Lee R., R. E. Seely, and G. C. Holdgreve, Fort Wayne, Ind., assignors to General Electric Company. Combination line switch, starting switch, and overload for electric motors. 2,571,654, Oct. 16.
Beard, Leslie C., Jr., New York, N. Y., and R. V. White, Pitman, N. J. assignors to Socony-Vacuum Oil Company, Incorporated. Lubricant containing hydroabietyl esters. 2,564,634, Aug. 14.
Beard, Samuel W. G., assignor to Rotol Limited, Gloucester, England. Cylinder-piston motor with means for stopping relative movements of the motor parts. 2,542,463, Feb. 20.
Beard, William E., Stilwell, Kans. Combination float and depth regulator for fishing tackle. 2,536,414, Jan. 2.
Bearden, Clarence, Independence, Kans. Flower pot holder. 2,536,901, Jan. 2.
Bearden, Floye J.: *See*—
Grindstaff, Herbert E., and Bearden.
Beardslee, Harland F., assignee: *See*—
Dennis, William A.
Beardsley, Gale R., and E. A. Hulbert, assignors to Continental Motors Corporation, Detroit, Mich. Transmission mechanism. 2,565,060, Aug. 21.
Beardsley, Robert O.: *See*—
Murch, Harold L., Fuller, and Beardsley.
Beardsley, Robert O., assignor to Jones & Lamson Machine Company, Springfield, Vt. Holding fixture. 2,540,774, Feb. 6.
Beardsmore, Frank: *See*—
Moneypenny, Harold K., Townend and Beardsmore.
Beare, Charles H., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Molding compounds which cure under heat and pressure. 2,536,120, Jan. 2.
Beare, Charles H., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Continuous method of curing rubber strips. 2,554,356, May 22.
Beare, Charles H., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Apparatus for mixing rubber compounds and the like. 2,571,655, Oct. 16.
Bearse, Arthur E.: *See*—
Faust, Charles L., Bearse, and Liger.
Beasley, French & Company Limited, assignee: *See*—
Beasley, Harold H.
French, Gordon W.
Beasley, Harold H., Bristol, assignor to Beasley, French & Company Limited, Bedminster, Bristol, England. Pivotal frame structure for rotary printing machine elements. 2,573,090, Oct. 30.
Beasley, Ralph T., Victorville, Calif. Auxiliary windmill drive. 2,562,762, July 31.
Beathan, Mark A., Queens Village, N. Y. Switch structure for lamps. 2,556,023, June 5.
Beaton & Cadwell Mfg. Co., The, assignee: *See*—
Work, Erich W.
Beatrice, Gabriel C., Shrewsbury, assignor to Crompton & Knowles Loom Works, Worcester, Mass. Thread cutter for weft replenishing looms. 2,549,285, Apr. 17

Beattie, Horace S., R. E. Page, and E. J. Rabenda, Poughkeepsie, assignors to International Business Machines Corporation, New York, N. Y. Record controlled accounting machine having two forms of item entering mechanisms. 2,551,088, May 1.

Beattie, John O., New York, N. Y. Manufacture of plastic lenses from monomeric materials. 2,542,386, Feb. 20.

Beattie, Robert W.: *See*—
Ashford, Walter R., and Beattie.
Manske, Richard H. F., Beattie, and Kulka.

Beatty, Donald C., Birmingham, Ala. Apparatus for delivering and receiving telephone messages. 2,539,565, Jan. 30.

Beatty, John D., Huntington Park, Calif. Machine for saturating materials. 2,555,673, June 5.

Beatty, John W., Lansdowne, Pa., assignor to General Electric Company. Electric circuit breaker. 2,554,974, May 29.

Beatty, Robert D., Birmingham, Ala. Industrial truck and bunker. 2,560,206, July 10.

Beatty, William A., London, England, assignor to International Standard Electric Corporation, New York, N. Y. Multiplex pulse transmission system. 2,541,023, Feb. 13.

Beatty, William A., London, England, assignor, by mesne assignments, to International Standard Electric Corporation, New York, N. Y. Arrangement for determining distances by reflection of electrical pulses. 2,542,983, Feb. 27.

Beatty, William R., Highlands, N. J., and O. A. Short, Staten Island, N. Y., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Vitreous enamel slip compositions and preparing. 2,556,896, June 12.

Beaty, Marion L., Minneapolis, Minn. Screen and window supporting device. 2,565,014, Aug. 21.

Beauchamp, David N., Venice, Calif., assignor to Wingfoot Corporation, Akron, Ohio. Waterproofed fabric and producing it. 2,575,577, Nov. 20.

Beauchesne, Paul, Redon, and R. S. Deville, assignors to Societe Francaise des Charbonnages du Tonkin, Paris, France. Production of metal from oxide ores. 2,566,548, Sept. 4.

Beaudet, Louis, assignor to Society Bernardaud & Cie, Limoges, France. Firing porcelain. 2,547,149, Apr. 3.

Beaudet, Telesphore J., Glen Ellen, assignor to S. S. Townsend, Piedmont, and C. E. Townsend, Jr., Oakland, Calif. Juice extracting device. 2,578,122, Dec. 11.

Beaudoin, David E., assignee: *See*—
Super, Paul J.

Beaudot, William H., Chicago, Ill. Popped corn heating and dispensing apparatus. 2,562,081, July 24.

Beaudry, Léonard A.: *See*—
Istrati, Konrad C., and Beaudry.

Beaufait, Loren J., Jr.: *See*—
Huffman, Eugene H., and Beaufait.

Beaumariage, Amos Alphonse, Central Falls, and W. R. Wisner, Pawtucket, R. I., and S. M. Dockerty, assignors to Corning Glass Works, Corning, N. Y. Glass-forming apparatus. 2,573,300, Oct. 30.

Beaumont Birch Company, assignee: *See*—
Davenport, William G., and Hampton.

Beaumont, Edgar: *See*—
Hardacre, William, Beaumont, and Merriman.

Beaumont, Stanley: *See*—
Bremner, John G. M., and Beaumont.

Beaumont, William M., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Combined line and tripping relay circuit for telephone lines. 2,568,138, Sept. 18.

Beaunit Mills, Inc., assignee: *See*—
Hatfield, Cortland.

Beaupre, Arthur, Franklin Park, Ill. Fishing rod. 2,578,663, Dec. 18.

Beaupre, Honore, assignee: *See*—
Lamonde, Alphonse.

Beauregard, Eugene O., Holyoke, Mass. Collapsible spool. 2,546,253, Mar. 27.

Beau-T-Form Foundations, Inc., assignee: *See*—
Sutter, Edward R.

Beautis Foundations Mfg. Corp., assignee: *See*—
Lindo, Lionel.

Beautymaster, Inc., assignee: *See*—
Maners, David F.

Beaven, Clifford H. J., Woodmansterne, K. M. Caple, London, and H. A. Dell, Banstead, England, assignors to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Thermionic valve oscillator. 2,567,269, Sept. 11.

Beavens, Elmer A.: *See*—
McColloch, Robert J., and Beavens.

Beaver Pipe Tools, Inc., assignee: *See*—
Pealer, Robert B.
Shafer, Clarence W.

Beaver Tool & Engineering Corp., assignee: *See*—
Cherry, Charles A.
Miller, John R.

Beaver, Wallace W., assignor, by mesne assignments, to Battelle Development Corporation, Columbus, Ohio. Producing porous metallic bodies. 2,540,233, Feb. 6.

Beazley, Jon S., Tallahassee, Fla. Stereoscopic ploting instrument. 2,555,106, May 29.

Bebb, Robert L., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. High solids synthetic rubber latex. 2,537,642, Jan. 9.

Bebby, J., & Sons Limited, assignee: *See*—
Amery, Arthur H.

Beber, Samuel L., assignee: *See*—
Jones, Preston A.

Bebinger, Charles N., New Philadelphia, Ohio, assignor to Joy Manufacturing Company. Lubricant seal. 2,560,917, July 17.

Bebry Bedding Corporation, assignee: *See*—
Bebry, Peter P.

Bebry, Peter P., Jamaica, N. Y., assignor to Bebry Bedding Corporation, Bayonne, N. J. Love seat bed. 2,576,062, Nov. 20.

Bech, Jorgen, Lyngby, Denmark. Milling machine preferably for machining printing plates. 2,552,663, May 15.

Bechard, Conrad E., Mayfield Heights, Ohio, assignor to General Electric Company. Tipping-off method. 2,561,838, July 24.

Bechaud, Leslie J., Jr.: *See*—
Vedensky, Dmitri N., and Bechaud.

Bechberger, Earl H., Cleveland Heights, assignor to The Warner & Swasey Company, Cleveland, Ohio. Signature feeding and transferring mechanism. 2,568,604, Sept. 18.

Bechberger, Paul F., Tenafly, and P. G. Yeannakis, Maplewood, assignors to Bendix Aviation Corporation, Teterboro, N. J. Inductive device having a precisely sinusoidal relation between coupling and relative displacement. 2,550,663, May 1.

Bechik, Michael, assignor to Bechik Products, Inc., St. Paul, Minn. Handle for box springs and the like. 2,539,885, Jan. 30.

Bechik, Michael, assignor to Bechik Products, Inc., St. Paul, Minn. Handle for mattresses and the like. 2,564,947, Aug. 21.

Bechik Products, Inc., assignee: *See*—
Bechik, Michael.
Silverman, I. Irving.

Bechle, Rudolph P.: *See*—
Potdevin, Adolph, and Bechle.

Bechler, André, Moutier, Switzerland. Split collet chuck. 2,550,036, Apr. 24.

Bechler, André, Moutier, Switzerland. Rocking type of drilling and tapping appliance for automatic lathes. 2,568,785, Sept. 25.

Bechler, André, Moutier, Switzerland. Automatic lathe headstock reciprocating means. 2,574,775, Nov. 13.

Bechman, William O., Chicago, and W. W. Henning, Riverside, Ill., assignors to International Harvester Company. Crawler tractor shoe and rubber tread therefor. 2,558,922, July 3.

Bechtel Brothers McCone Company, assignee: *See*—
Rhoades, Russell G.

Bechtold, Joseph L., Roseburg, Oreg. Portable motor operated hand scroll saws. 2,547,922, Apr. 10.

Bechtold, Max F., Kennett Square, Pa., and O. E. Snyder, Chicago, Ill., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Chemical processes and composition. 2,574,902, Nov. 13.

Beck, Arnold H. W., London, England, assignor to International Standard Electric Corporation, New York, N. Y. Nonsputtering cathode for electron discharge devices. 2,568,705, Sept. 25.

Beck, Charles E.: *See*—
Erwood, Joseph, and Beck.

Beck, Edward F. W., Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Lightning arrester. 2,571,814, Oct. 16.

Beck, Frederick W., Webster Grove, and R. J. Babka, St. Louis, Mo., and R. H. Lukins, assignors to Union Special Machine Company, Chicago, Ill. Top feed and presser means for sewing machines. 2,544,549, Mar. 6.

Beck, Henry E., assignor to J. I. Case Company, Racine, Wis. Gatherer for corn harvesters. 2,564,319, Aug. 14.

Beck, Horace W., Jr., and C. F. Gibbons, Atlanta, Ga., assignors to Gaylord Container Corporation, St. Louis, Mo. Lined multiple-blank master shipping carton. 2,564,948, Aug. 21.

Beck, Hugo M.: *See*—
Faust, William R., and Beck.

Beck, John N., Radnor, assignor to Watson-McDaniel Co., Philadelphia, Pa. Steam trap. 2,537,809, Jan. 9.

Beck, József, assignor to Ungarische Radiatoren Fabriks Aktiengesellschaft, Budapest, Hungary. Heat exchanger. 2,559,272, July 3.

Beck, Julius S., Los Angeles, Calif. Whipstock. 2,555,462, June 5.

Beck, June E., Lyndhurst, N. J., assignor to American Engineering Company, Philadelphia, Pa. Progressive feed stoker. 2,555,108, May 29.

Beck, Lloyd W., and A. R. Gilbert, United States Navy, and J. K. Wolfe, Bethesda, Md. Preparation of sulfonic acid compounds. 2,559,585, July 10.

Beck, Nico, Zurich, and W. Borcovec, Locarno/Muralto, Switzerland. Toy chain. 2,576,439, Nov. 27.

Beck, Richard E., assignee: *See*—
McKeever, Louis W.

Beck, Roland A.: *See*—
Sensel, Eugene E., and Beck.
Beck, Roland A., Fishkill, and A. J. Millendorf, Beacon, assignors to The Texas Company, New York, N. Y. Process and apparatus for effecting catalytic reactions. 2,540,706, Feb. 6.
Beck, Roland A., Glenham, E. E. Sensel, and A. J. Millendorf, Beacon, assignors to The Texas Company, New York, N. Y. Preparation and use of synthesis catalysts. 2,550,442, Apr. 24.
Beck, Roland D., assignor, by mesne assignments, to Ideal Industries, Inc., Sycamore, Ill. Wire stripper. 2,563,911, Aug. 14.
Beck, William R., assignor to Goodman Manufacturing Company, Chicago, Ill. Cable guide. 2,562,886, Aug. 7.
Beckamm Instruments, Inc., assignee: *See*—
Cary, Henry H.
Beckberger, La Vern H., East Chicago, Ill., assignor to Sinclair Refining Company, New York, N. Y. Catalytic conversion of hydrocarbons. 2,536,254, Jan. 2.
Beckberger, La Vern H., East Chicago, Ind., assignor to Sinclair Refining Company, New York, N. Y. Process and apparatus for effecting chemical reactions with solid catalyst particles. 2,566,159, Aug. 28.
Beckel, Arthur C., Peoria, and P. A. Belter, Pekin, Ill., assignors to the United States of America as represented by the Secretary of Agriculture. Reversible vegetable gel. 2,561,333, July 24.
Beckelman, Abraham, New York, N. Y. Apparatus for applying linear designs to work surfaces. 2,547,554, Apr. 3.
Beckelman, Abraham, New York, N. Y. Coffee-steeping device. 2,550,902, May 1.
Becker, Bernard M.: *See*—
Rodman, Hugh, and Becker.
Becker, Carl W., Arlington, assignor to Raytheon Manufacturing Company, Newton, Mass. Cathode coatings. 2,559,530, July 3
Becker, Carl W., Arlington, assignor to Raytheon Manufacturing Company, Newton, Mass. Tunable magnetron. 2,566,478, Sept. 4.
Becker, Carl W., Arlington, assignor to Raytheon Manufacturing Company, Newton, Mass. Tunable magnetron. 2,566,479, Sept. 4.
Becker, David, assignor to Rubenstein Bros. Company, Montreal, Quebec, Canada. Interchangeable post office box construction. 2,563,094, Aug. 7.
Becker, Erhardt L., assignee: *See*—
Beyrodt, Kurt.
Becker, Fred, Queens Village, assignor to Underwood Corporation, New York, N. Y. Paper feeding and severing means for typewriting and like machines. 2,554,003, May 22.
Becker, Fred, Queens Village, assignor to Underwood Corporation, New York, N. Y. Carriage rebound checking device. 2,558,413, June 26.
Becker, George: *See*—
Bahr, Henry H., and Becker.
Becker, George, Brooklyn, N. Y. Sewing machine guide attachment. 2,552,133, May 8.
Becker, George, Brooklyn, N. Y. Stitching guide attachment for sewing machines. 2,554,168, May 22.
Becker, Henry, Culver City, and Z. Melnikoff, Los Angeles, Calif. Pencil with lead advancing and tensioning mechanism. 2,565,715, Aug. 28.
Becker, Henry P.: *See*—
McMackin, Robert E., and Becker.
Becker, Howard I., Rexford, N. Y., assignor to General Electric Company. Gas analyzer detecting device. 2,546,715, Mar. 27.
Becker, Howard I., Vischers Ferry, N. Y., assignor to General Electric Company. Bearing lubrication. 2,545,335, Mar. 13.
Becker, Howard I., Vischers Ferry, N. Y., assignor to General Electric Company. Magnetic gyroscope. 2,562,690, July 31.
Becker, Irven S., Kelso, Wash., assignor to M and M Wood Working Company, Portland, Oreg. Hog machine having rotary cutter and feed conveyer. 2,559,701, July 10.
Becker, John E., Darlington, assignor to Atlas Polar Company Limited, Toronto, Ontario, Canada. Fluid circulation control for fluid couplings. 2,548,857, Apr. 17.
Becker, John E., Darlington Township, Ontario, assignor to Atlas Polar Company Limited, Toronto, Ontario, Canada. Fluid circulation control for rotary hydraulic couplings. 2,550,664, May 1.
Becker, John E., Darlington Township, Durham County, Ontario, Canada. Fluid circulation control for fluid couplings. 2,568,706, Sept. 25.
Becker, John E., assignor to Atlas Polar Company Limited, Toronto, Ontario, Canada. Fluid circulation control for fluid couplings. 2,539,004, Jan. 23.
Becker, Joseph L.: *See*—
Coulter, Samuel T., and Becker.
Becker, Maximilian C., East Orange, N. J. Nut-holding attachment for wrenches. 2,557,628, June 19.
Becker, Milton, Passaic, N. J. Billfold closure device. 2,550,216, Apr. 24.
Becker, Morris, Laurelton, N. Y. Conical spool combined with thread guide and axial receptacle. 2,558,808, July 3.
Becker, Otto E., Los Angeles, Calif. Portable utility refrigerator unit. 2,554,290, May 22.
Becker, Philip D., Hingham, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Plug button or closure. 2,552,916, May 15.
Becker, Philip D., Hingham, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Universal plug button or closure. 2,552,917, May 15.
Becker, Philip D., Hingham, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Universal plug button or closure. 2,552,918, May 15.
Becker, Philip D., Hingham, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Plug button, closure, and the like. 2,552,919, May 15.
Becker, Philip D., Hingham, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Furniture leg glider. 2,564,635, Aug. 14.
Becker, Philip D., Hingham, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Flanged nut assembly. 2,567,864, Sept. 11.
Becker, Philip D., Hingham, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Furniture glide. 2,567,865, Sept. 11.
Becker, Robert E., Logansport, Ind., assignor to Logansport Machine Co., Inc. Glove turning machine. 2,540,503, Feb. 6.
Becker, Rodger F., assignee: *See*—
Bowman, James L.
Becker, Victor I., Los Angeles, Calif. Brassière. 2,541,147, Feb. 13.
Becker, Walter A.: *See*—
Currie, Grover C., and Becker.
Rishel, James B.
Becker, Walter A., High Point, and C. P. Cato, Charlotte, N. C., assignors to Old Dominion Box Company, Lynchburg, Va. Single blank cloth board end cap. 2,537,617, Jan. 9.
Becker, Walter L., Tamms, Ill. Electric target. 2,556,057, June 5.
Beckerman, Harry N., Culver City, Calif. Gun sight. 2,553,540, May 22.
Beckerman, Raymond, and H. J. Boyce, Danbury, Conn. Gyroscopically controlled headlamp. 2,557,590, June 19.
Beckett, Arthur J., Oklahoma City, Okla. Combined brushing and vacuum cleaning apparatus. 2,536,902, Jan. 2.
Beckett, Dorris S., assignee: *See*—
Koertge, Ray A., and Preston.
Beckette, Edmund S.: *See*—
Travilla, James C., Jr., and Beckette.
Beckham, Leland J., Chesterfield County, Va., assignor to Allied Chemical & Dye Corporation. Production of ammelide and ammeline. 2,572,587, Oct. 23.
Beckley, George H., Madison, Ind. Car top trailer. 2,561,168, July 17.
Beckley, Kenneth E., Baldwin Park, Calif. Drinking fountain. 2,567,177, Sept. 11.
Beckman Instruments, Inc., assignee: *See*—
George, Kenyon P.
Beckwith, Gertrude H., and J. L. Sutherland, San Pedro, assignors to Philip R. Park, Inc., Outer Harbor, San Pedro, Calif. Animal feedstuff. 2,566,549, Sept. 4.
Beckwith Manufacturing Company, assignee: *See*—
Greenan, Wirt G.
Harrison, Raymond B.
Howard, Edwin A.
Somersall, William W.
Beckwith, Raymond A., assignor to Koehring Company, Milwaukee, Wis. Brake control mechanism for crane type vehicles. 2,569,445, Oct. 2.
Beckwith, Raymond A., assignor to Koehring Company, Milwaukee, Wis. Detachable driving axle unit. 2,570,191, Oct. 9.
Beckwith, Raymond A., assignor to Koehring Company, Milwaukee, Wis. Heavy-duty transmission. 2,576,478, Nov. 27.
Beckwith, Sterling, Wauwatosa, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Totally enclosed dynamoelectric machine utilizing a single cooling fan. 2,573,383, Oct. 30.
Beckwith, Wendell K., Whitewater, assignor to Koehring Company, Milwaukee, Wis. Power transmission. 2,570,192, Oct. 9.
Becton, Dickinson and Company, assignee: *See*—
Bednarz, Edward W.
Ferguson, Garwood W.
Molinari, Henry G.
Smoot, John H.
Bedard, Eva D., Springfield, Mass. Invalid lifting means. 2,539,566, Jan. 30.
Bede, James A., Cleveland, Ohio. Paint heater. 2,576,558, Nov. 27.
Bedell, Karl L.: *See*—
Johnson, James S., and Bedell.
Bedford, Alda V., Princeton, N. J., assignor to Radio Corporation of America. Television synchronizing apparatus. 2,551,785, May 8.
Bedford, Alda V., Princeton, N. J., assignor to Radio Corporation of America. Simultaneous multicolor television. 2,554,693, May 29.
Bedford, Alda V., Princeton, N. J., assignor to Radio Corporation of America. Scanning control system. 2,559,492, July 3.

Bedford, Alda V., Princeton, N. J., assignor to Radio Corporation of America. Television system. 2,559,843, July 10.

Bedford, Alda V., Princeton, N. J., assignor to Radio Corporation of America. Intermittent film advancing mechanism utilizing air pressure. 2,560,919, July 17.

Bedford, Alda V., Princeton, N. J., assignor to Radio Corporation of America. Shrinkage compensatory film stripping mechanism. 2,569,280, Sept. 25.

Bedford, Alda V., and G. C. Sziklai, Princeton, N. J., assignors to Radio Corporation of America. Radio carrier synchronization system. 2,536,255, Jan. 2.

Bedford, Alda V., Princeton, and R. C. Ballard, Trenton, N. J., assignors to Radio Corporation of America. Intermittent film advancing mechanism utilizing air pressure. 2,560,918, July 17.

Bedford, Burnice D.: *See*—
Alexanderson, Ernst F. W., Bedford, and Mittag.

Bedford, Burnice D., Schenectady, N. Y., assignor to General Electric Company. Saturable reactor arc prevention circuit. 2,547,614, Apr. 3.

Bedford, Burnice D., Scotia, N. Y., assignor to General Electric Company. Saturable core reactor. 2,547,615, Apr. 3.

Bedford, Burnice D., Scotia, N. Y., assignor to General Electric Company. Control circuits for electric converting systems. 2,548,579, Apr. 10.

Bedford, Cecil A., Plainville, assignor to Union Manufacturing Company, New Britain, Conn. Work-holding chuck. 2,542,857, Feb. 20.

Bedford, Clay P., Ypsilanti, D. B. Hammond, and J. L. Hallett, Ann Arbor, assignors to Kaiser-Frazer Corporation, Willow Run, Mich. Door having cast inner panel and rail to which outer sheet panel is attached. 2,566,871, Sept. 4.

Bedford, Howard E., Brentford, England, assignor, by mesne assignments, to Pyrene Manufacturing Company, Newark, N. J. Fire extinguishing installation. 2,553,293, May 15.

Bedford, Leslie H., London, and A. H. A. Wynn, Sheffield, assignors to A. C. Cossor Limited, London, England. Tuning system for resonant circuits. 2,538,439, Jan. 16.

Bedford, Leslie H., and A. H. A. Wynn, assignors to A. C. Cossor Limited, London, England. Electrical apparatus. 2,538,438, Jan. 16.

Bedford, Leslie H., London, J. Bell, and E. M. Langham, Teddington, assignors to A. C. Cossor Limited, London, England. Electrical apparatus for measuring the rate of change of an input voltage. 2,564,829, Aug. 21.

Bedford, Thomas A., Detroit, Mich., and H. A. Schmitt, Oakland, Calif. Retractable fish landing net. 2,561,645, July 24.

Bedford, William A., Jr., North Scituate, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Separable snap fastener type socket member. 2,546,716, Mar. 27.

Bedford, William A., Jr., North Scituate, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Three side lock snap fastener. 2,552,764, May 15.

Bedford, William A., Jr., North Scituate, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Shiftable rotary stud fastener. 2,560,519, July 10.

Bedford, William A., Jr., North Scituate, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Fastener member. 2,567,902, Sept. 11.

Bedford, William A., Jr., North Scituate, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Embossment mount fastener with clip attachment. 2,567,903, Sept. 11.

Bedford, William A., Jr., North Scituate, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Blind assembly nut. 2,572,588, Oct. 23.

Bedinger, Glenn E., Coral Gables, Fla. Dispenser. 2,564,518, Aug. 14.

Bednarczuk, Daniel, Flushing, N. Y. Lettering guide device. 2,543,714, Feb. 27.

Bednarz, Edward W., Clifton, assignor to Becton, Dickinson & Co., Rutherford, N. J. Forming a tubular glass ampoule having a central transverse partition. 2,565,061, Aug. 21.

Beears, Warren L.: *See*—
Jansen, Jacob E., and Beears.

Beebe, Herbert R., assignor to American Character Doll Company, New York, N. Y. Drinking doll with controlled discharge of the liquid. 2,555,107, May 29.

Beebe, John D., Detroit, Mich., assignor of one-half to J. C. Schwartz, New York, N. Y. Electrolytic apparatus for making radiator cores. 2,540,805, Feb. 6.

Beebe, John D., Detroit, Mich., assignor of one-half to J. C. Schwartz, New York, N. Y. Anode basket. 2,559,926, July 10.

Bee Bee Shoe Co., assignee: *See*—
Cohen, Harold W., and Galper.
Galper, Isa.

Beeber, Allan R. A., Matawan, D. D. Jacobus, Hoboken, and C. W. Keuffel, Bernardsville, assignors to Keuffel & Esser Company, Hoboken, N. J. Producing precision images. 2,559,389, July 3.

Beebie, Abel J., Plattsburg, N. Y. Ignition testing device. 2,572,303, Oct. 23.

Beech Aircraft Corporation, assignee: *See*—
Weaver, Winifred R.
Wilson, Leonard L., Jr.

Beech, Austin S., assignor to Foundry Equipment Limited, Leighton, Buzzard, England. Flask charging machine for foundries. 2,555,914, June 5.

Beech, Austin S., assignor to Foundry Equipment Limited, Leighton Buzzard, England. Apparatus for filling and ramming foundry flasks. 2,568,536, Sept. 18.

Beech, Walter F. and M. Mendoza, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited. Azo dyestuffs. 2,564,243, Aug. 14.

Beecher, Alan R., and H. T. Mogensen, Cordova, Nebr. Hood holder. 2,536,253, Jan. 2.

Beech-Nut Packing Company, assignee: *See*—
Bousquet, John.
Warren, Minton W.
Zimpel, Richard F.

Beede, Arnold H., Stamford, assignor to Electrolux Corporation, Old Greenwich, Conn. Vacuum cleaner dust bag. 2,547,805, Apr. 3.

Beede, Arnold H., and L. P. Borkoski, Stamford, Conn., assignor to Electrolux Corporation, New York, N. Y. Vacuum cleaner. 2,569,222, Sept. 25.

Beeftink, Petrus A., Breda, Netherlands, assignor to American Enka Corporation, Enka, N. C. Production of cross wound bobbins. 2,539,942, Jan. 30.

Beegle, Raymond E., East St. Louis, Ill. Antisplitting device. 2,558,231, June 26.

Beeker, Manford E., Brookston, Ind. Device for removing end play from electric motors. 2,556,489, June 12.

Beekley, Henry L., Glen Ellyn, Ill., assignor, by mesne assignments, to Electrimatic Company. Valve. 2,557,718, June 19.

Beekley, John S., Wilmington, Del., and W. E. Vail, Charleston, W. Va., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Removing sulfur compounds and carbon monoxide from hydrogen. 2,580,068, Dec. 25.

Beekman, Robert L., Fort Lauderdale, Fla. Indexing turret tool post. 2,547,616, Apr. 3.

Bee-Line Company, assignee: *See*—
Jacobsen, Le Roy V.
Jacobsen, Le Roy V., and Gosline.
Smith, Roy D.

Beemer, Paul K.: *See*—
Van Dorn, William E., and Beemer.

Beemer, Paul K., Pasadena, assignor to Preco Incorporated, Los Angeles, Calif. Driving mechanism for accessories in transport vehicles. 2,567,504, Sept. 11.

Beemer, Paul K., Inglewood, and H. O. Fuchs, assignors to Preco Incorporated, Los Angeles, Calif. Driving mechanism for car accessories. 2,567,866, Sept. 11.

Beer, Kenneth V., San Mateo, Calif. Garment hanger and container. 2,562,444, July 31.

Beer, Leo, Providence, assignor to Alrose Chemical Company, Cranston, R. I. Cellulosic textile shrinkage control and crease resistance with inhibited tenderizing action. 2,541,457, Feb. 13.

Beerli, Louis, Engelberg, Switzerland. Ski. 2,539,224, Jan. 23.

Beers, John R.: *See*—
Heinsch, Johannes N., and Beers.

Beery, Donald W., New Brunswick, J. J. Eberl, Bound Brook, and A. R. Ingram, New Brunswick, N. J., assignors to Johnson & Johnson. Sanitary napkin. 2,578,664, Dec. 18.

Beery, Lambert L., Minneapolis, Minn. Door lock repair unit. 2,538,552, Jan. 16.

Beesch, Samuel C., Columbus, Ohio, assignor to Publicker Industries Inc., Philadelphia, Pa. Sampling apparatus. 2,566,306, Sept. 4.

Beesch, Samuel C., and D. A. Legg, assignors to Publicker Industries Inc., Philadelphia, Pa. Production of lower aliphatic acids by fermentation. 2,549,765, Apr. 24.

Beese, Norman C., Verona, N. J., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Vapor lamp and system. 2,562,887, Aug. 7.

Beesley, Barbara: *See*—
Beesley, Benjamin M. and B.

Beesley, Benjamin M. and B., Ventura, Calif. Slidable inner jaw wrench having a pivoted rack catch. 2,543,824, Mar. 6.

Beeson, Eric J. G.: *See*—
Davies, Leonard J., and Beeson.

Beeson, Eric J. G., Southwell, and P. Shepherd, Rugby, England, assignors to General Electric Company. Magnetic control of high pressure arc lamp. 2,571,522, Oct. 16.

Beeson, John R., Shepherd, Tex. Tenoning machine. 2,560,068, July 10.

Beeson, Martin L., South Pasadena, and W. D. Sellers, Pasadena, assignors of one-twentieth to H. D. Cummins and one-twentieth to J. S. Lloyd, Van Nuys, Calif. Rotary drill. 2,556,163, June 12.

Beeth, Clarence D., Houston, Tex., assignor to Continental Oil Company, Ponca City, Okla. Automatic chuck for pulldown devices. 2,570,308, Oct. 9.

Beetlestone, Percival A. A., and H. W. Gordon, Hatfield, England, assignors to said Gordon. Garment hanger with spring clips. 2,546,717, Mar. 27.

Beezhold, Christian J., assignor to Pullman-Standard Car Manufacturing Company, Chicago, Ill. Vestibule trapdoor arrangement. 2,546,626, Mar. 27.

Beezley, Reginald R., Memphis, Tenn., assignor to Thexton Manufacturing Company, Minneapolis, Minn. Repair adapter for threaded electrical terminals. 2,540,606, Feb. 6.
Beezley, Reginald R., Memphis, Tenn. Tool for splitting metal nuts. 2,558,641, June 26.
Beezley, Reginald R., Memphis, Tenn. Locating and indicating top dead center on engines. 2,568,109, Sept. 18.
Bedford, William A., Jr., North Scituate, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Fastening device. 2,578,639, Dec. 11.
Be-Ge Manufacturing Co., assignee: *See*—
Gurries, Albert G., and Keesling.
White, John A., Jr.
Begg, Russell S., Birmingham, assignor to General Motors Corporation, Detroit, Mich. Vehicle front end construction. 2,539,050, Jan. 23.
Beggs, Charles H., Clarks Summit, Pa. Device for applying nonskid chains to tires. 2,551,412. May 1.
Beghin, Adolfo J., Tuckahoe, P. F. Hamberg, Jr., Forest Hills, and H. E. Smith, assignors, by mesne assignments, to Insl-X Corporation, Briarcliff Manor, N. Y. Rust remover. 2,558,167, June 26.
Begin, Louis E.: *See*—
Britton, Edgar C., and Begin.
Begun, Semi J.: *See*—
Williams, Alfred L. W., and Begun.
Begun, Semi J., Cleveland Heights, assignor to The Brush Development Company, Cleveland, Ohio. System to prevent accidental rerecording on a magnetic record. 2,538,892, Jan. 23.
Begun, Semi J., Cleveland Heights, assignor to The Brush Development Company, Cleveland, Ohio. Apparatus for demagnetizing a magnetic recording-reproducing head. 2,538,893, Jan. 23.
Behman, Gerald A., San Francisco, and F. R. Meze, Redwood City, Calif. Automobile heating system for outdoor drive-in theaters. 2,574,949, Nov. 13.
Behmer, D. Ivan, Lititz, Pa. Hat brim finishing machine. 2,557,934, June 26.
Behn, Victor D., Glen Rock, N. J. assignor to Wright Aeronautical Corporation. Helical-shift multispeed transmission. 2,540,858, Feb. 6.
Behnke, Hans, assignee: *See*—
Meier, Joseph M., and Wheeler.
Behnke, William A., Cary, Ill. Detachable window screen. 2,568,139, Sept. 18.
Behr, Elizabeth K., administratrix: *See*—
Behr, Leo.
Behr, Leo, deceased, by E. K. Behr, administratrix, Philadelphia, Pa., assignor to Leeds and Northrup Company. Exhibiting instrument. 2,553,629, May 22.
Behr, Leo J., Bridgeport, Conn. Indicator to be worn on the hands while learning to typewrite. 2,570,908, Oct. 9.
Behr, Leo J., Bridgeport, Conn. Shopping bag and pants hanger. 2,578,391, Dec. 11.
Behr-Manning Corporation, assignee: *See*—
Miller, Louis W.
Teague, Walter D., Peltz, and Hubbinette.
Behr, Robert K., Tuckahoe, N. Y., assignor to The Babcock & Wilcox Company, Rockleigh, N. J. Boiler. 2,561,839, July 24.
Behr, Siegfried. Flushing, assignor to Ben-Hur Products, Inc., New York, N. Y. Hair trimmer. 2,536,485, Jan. 2.
Behrend, Elizabeth B.: *See*—
Weissert, Frederick C., Behrend, and Briant.
Behrend, Elizabeth M., Pittsburgh, Pa., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Anti-corrosive treatment of chlorinated elastomer. 2,537,646. Jan. 9.
Behrens, Albert, New York, N. Y. Packaging container convertible into a toy. 2,551,089, May 1.
Behrens, Emerson G., Leslie, Mich. Mortuary support. 2,557,858, June 19.
Behrens, Herbert C., assignor to Diebold, Incorporated, Canton, Ohio. Rotary drum depository. 2,548,338, Apr. 10.
Behrens, Herbert C., assignor to Diebold, Incorporated, Canton, Ohio. Rotary double cylinder depository. 2,563,150, Aug. 7.
Behrens, Otto K., R. G. Jones, and Q. F. Soper, Indianapolis, Ind., and J. W. Corse, Lafayette, Calif., assignors to Eli Lilly and Company, Indianapolis, Ind. Cycloaliphatic-penicillins. 2,562,407, July 31.
Behrens, Otto K., R. G. Jones, and Q. F. Soper, Indianapolis, Ind., and J. W. Corse, Lafayette, Calif., assignors to Eli Lilly and Company, Indianapolis, Ind. Aliphatic oxy- and mercaptophenyl-penicillins. 2,562,408, July 31.
Behrens, Otto K., R. G. Jones, and Q. F. Soper, Indianapolis, Ind., and J. W. Corse, Lafayette, Calif., assignors to Eli Lilly and Company, Indianapolis, Ind. Substituted phenyl-penicillins. 2,562,409, July 31.
Behrens, Otto K., R. G. Jones, and Q. F. Soper, Indianapolis, Ind., and J. W. Corse, Lafayette, Calif., assignors to Eli Lilly and Company, Indianapolis, Ind. Oxy-penicillins. 2,562,410, July 31.
Behrens, Otto K., R. G. Jones, and Q. F. Soper, Indianapolis, Ind., and J. W. Corse, Lafayette, Calif., assignors to Eli Lilly and Company, Indianapolis, Ind. Thienyl-penicillins. 2,562,411, July 31.
Behringer, Grover F., assignor, by mesne assignments, to All Star Products, Inc., Defiance, Ohio. Tuner linkage. 2,544,127, Mar. 6.
Beich, Paul F., Company, assignee: *See*—
Alikonis, Justin J.
Beil, Forrest F., assignor to Curtis Companies Incorporated, Clinton, Iowa. Window structure. 2,541,325, Feb. 13.
Beil, Paul O., Chili, Wis. Folding rocking chair. 2,543,273, Feb. 27.
Beiley, Irving, Providence, R. I., and A. H. Razee, Mansfield, Mass., assignors, by mesne assignments, to Hulman & Company, Inc., Terre Haute, Ind. Making glassy phosphate detergent compositions. 2,568,110, Sept. 18.
Beimesch, Frederick, assignee: *See*—
Coleman, Richard V.
Beja, Maurice, assignor to Pechiney Compagnie de Produits Chimiques et Electrometallurgiques, Paris, France. Extracting gallium oxide from aluminous substances. 2,574,008, Nov. 6.
Belada, John, Glassboro, N. J., assignor to Owens-Illinois Glass Company. Machine for assembling caps and liners. 2,567,094, Sept. 4.
Belaef, Nikolai N.: *See*—
Brandstrom, Fred, and Belaef.
Belak, John J., Youngstown, assignor of one-half to T. M. Szemborn, Campbell, Ohio. Electrically heated fountain stylus. 2,577,721, Dec. 4.
Belamin, Michael, Nurnberg, assignor to Siemens-Schuckertwerke, Aktiengesellschaft, Berlin-Siemensstadt, Germany. Synchronous switching apparatus for electric circuits. 2,568,140, Sept. 18.
Belanger, Albert P. D., assignor to Alton Box Board Company, Alton, Ill. Packaging articles for handling. 2,562,655. July 31.
Belar, Herbert: *See*—
Sinnett, Chester M., and Belar.
Belau, Kenneth E., Milwaukee, Wis. Spatter guard. 2,565,905, Aug. 28.
Belcher, Daniel, and H. V. Kindseth, assignors to Bemis Bro. Bag Company, Minneapolis, Minn. Bag sealing machine. 2,571,103, Oct. 16.
Belcher, Wallace E., Jr., Philadelphia, Pa., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Supervisory measuring instrument. 2,564,294, Aug. 14.
Belchetz, Arnold, Larchmont, N. Y., assignor to The M. W. Kellogg Company, Jersey City, N. J. Preparation of hydrogen-carbon oxide mixtures and catalytic reaction thereof. 2,577,563, Dec. 4.
Belden, Albert G., assignor to Norton Company, Worcester, Mass. Grinding machine. 2,559,531, July 3.
Belden, Edith M., Chicago, Ill. Mattress cover. 2,576,207, Nov. 27.
Belden, Lloyd I., assignor of one-third to Andrew Sinclair MacKenzie, St. Paul Park, Minn. Truck loading and unloading mechanism. 2,557,253, June 19.
Beldin, Royal L.: *See*—
Roscoe, Merrill W., and Beldin.
Belefant, Benjamin, Bronx, assignor of one-half to Carl E. Carlsen, New York, N. Y. Clothes hanger. 2,561,045, July 17.
Belford, Alexander, and F. A. Kuss, assignors to Scott & Williams, Incorporated, Laconia, N. H. Knitting machine. 2,574,009, Nov. 6.
Belich, Daniel E., West Allis, Wis. Clothesline tensioning and positioning device. 2,567,270, Sept. 11.
Belinkin, Julius A., New York, N. Y. Jointed hydraulic jerk lever. 2,563,912, Aug. 14.
Belinkine, Jules, New York, N. Y. Atomizer. 2,575,786, Nov. 20.
Belisle, Adelard J., South Hadley, assignor to The Berkline Corporation, Chicopee, Mass. Locking device for rocking chairs. 2,562,520, July 31.
Belisle, Adelard J., assignor to The Berkline Corporation, Springfield, Mass. Locking device for rocking chairs. 2,549,286, Apr. 17.
Belke, Otis, Helenville, and W. Pinnow, Rome, Wis. Coupling pin. 2,545,066, Mar. 13.
Belknap, Joel R., South Charleston, W. Va. Journal bearing. 2,547,555, Apr. 3.
Bell Aircraft Corporation, assignee: *See*—
Jenks, Orrie B.
Kelley, Bartram, and Dickinson.
Lambert, Arthur A., Jr.
Meredith, Frank D., and Hunsinger.
Schnitt, Arthur.
Simmonds, Milo R.
Weymouth, Frederick R.
Bell, Alan: *See*—
Hagemeyer, Hugh J., Jr., and Bell.
Bell, Alan, and K. C. Brannock, Kingsport, Tenn., assignors to Eastman Kodak Company, Rochester, N. Y. Preparing phosphoric acid esters. 2,571,656, Oct. 16.
Bell, Alexander H., Los Angeles, Calif., assignor to Continental Oil Company, Ponca City, Okla. Rotary table. 2,574,614, Nov. 13.

Bell, Alfred B., Philadelphia, Pa., assignor to Heywood-Wakefield Company, Gardner, Mass. Manually adjustable footrail. 2,561,091, July 17.
Bell, Alfred B., Philadelphia, Pa. Sewing cabinet. 2,564,949, Aug. 21.
Bell, Alfred B., Philadelphia, Pa. Collapsible bracket or support. 2,577,399, Dec. 4.
Bell, Andrew F., assignor to W. G. Montgomery, Marietta, Ohio. Cylinder drive for bed and cylinder printing presses. 2,556,251, June 12.
Bell, Arthur W., San Mateo, Calif. Deep-sea fishing game. 2,544,128, Mar. 6.
Bell, Charles H., assignor to Gaumont Kalee Seating Limited, London, England. Seat cushion assembly. 2,572,689, Oct. 23.
Bell, David A., assignor to British Telecommunications Research Limited, Taplow, England. Apparatus for compressing or expanding the frequency bands of electric oscillations. 2,545,871, Mar. 20.
Bell, Dewey F., Albany, Ga. Razor blade holder for cutting cardboard boxes. 2,550,757, May 1.
Bell, Edward R., Berkeley, F. F. Rust, Oakland, and W. E. Vaughan, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Preparation of hydroperoxide compounds. 2,573,947, Nov. 6.
Bell, Edwin F., assignor to Topeka Tent & Awning Co., Topeka, Kans. Folding awning frame. 2,578,964, Dec. 18.
Bell, Ernest P.: *See*—
Tischler, Nathaniel, and Bell.
Bell, Francis R., assignor to The Rover Company Limited, Solihull, England. Heat exchange apparatus. 2,553,030, May 15.
Bell, George Harold, & Associates, assignee: *See*—
Vars, Ethan W.
Bell & Gossett Company, assignee: *See*—
Schultz, Norman H.
Bell, Harry G., assignor, by mesne assignments, to Gay-Bell Corporation, Paris, Ky. Knockdown hogshead for tobacco. 2,554,357, May 22.
Bell, Harry G., Paris, and J. D. Gay, Jr., Lexington, assignors to Gay-Bell Corporation, Paris, Ky. Making knockdown shipping containers. 2,555,530, June 5.
Bell, Harry G., and J. D. Gay, Jr., assignor to Gay-Bell Corporation, Paris, Ky. Barrel and barrel head therefor. 2,556,789, June 12.
Bell, Henderson M., III, Cleveland Heights, and E. W. Schweikher, Chagrin Falls, Ohio. Electrolytic stripping of nickel coatings from ferrous metals. 2,549,411, Apr. 17.
Bell, Henry B., Tulsa, Okla. Meter box cover. 2,579,170, Dec. 18.
Bell, Henry G., assignor to Adams-Millis Corporation, High Point, N. C. Finishing nylon fabrics articles. 2,549,564, Apr. 17.
Bell & Howell Company, assignee: *See*—
Budde, Frederick.
Hipelius, John W.
Johnson, Elmer L.
Johnson, Elmer L., and Sollner.
Miehle, Robert F., Jr.
Radig, Walter E.
Townsley, Malcolm B., and Mack.
Bell, James W., assignee: *See*—
Branch, Robert E.
Bell, John: *See*—
Bedford, Leslie H., Bell, and Langham.
Bell, John G.: *See*—
Baumgartner, John R., and Bell.
Bell, Joseph W., Augusta, Ga. Cotton topper. 2,578,963, Dec. 18.
Bell, Ladford: *See*—
Thomas, Loren E., and Bell.
Bell, Lawrence S., Owings Mills, Md. Screw cap with locking means. 2,574,239, Nov. 6.
Bell, Leland J., North Sacramento, Calif. Device for folding the legs of an eviscerated bird. 2,560,067, July 10.
Bell, Lewis B., Chicago, Ill. Bandage for varicose ulcer treatment. 2,560,712, July 17.
Bell, Malcolm H., New York, N. Y. Culinary implement. 2,538,440, Jan. 16.
Bell, Persa R., Jr., Oak Ridge, Tenn., assignor, by mesne assignments, to the United States of America as represented by the Secretary of the Navy. Variable band width circuit. 2,576,329, Nov. 27.
Bell, Philip W., Nutley, N. J. Self-attaching traction tread. 2,580,272, Dec. 25.
Bell Punch Company Limited, assignee: *See*—
Webb, Christopher F.
Bell, Ramsay M., assignor to Hammond Machinery Builders, Inc., Kalamazoo, Mich. Belt grinding machine. 2,562,229, July 31.
Bell, Richard S., assignor to Cape Ann Manufacturing Company, Gloucester, Mass. Coat sleeve with wristlet and mitten attaching device. 2,558,533, June 26.
Bell, Richmond T., Grays Lake, assignor to The Pure Oil Company, Chicago, Ill. Preparation of methyl and methylene sulfur compounds. 2,565,195, Aug. 21.
Bell, Roger E., Natick, Mass. Strip cutter. 2,547,249, Apr. 3.
Bell, Sidney R., Stamford, Conn., assignor by mesne assignments to I. J. Moritt, Brooklyn, N. Y. Rheostat. 2,561,556, July 24.
Bell Telephone Laboratories, Incorporated, assignee: *See*—
Abraham, Leonard G.
Albersheim, Walter J.
Albert, Walter P., and Goff.
Alford, Edward L.
Anderson, Alva E.
Anderson, Attell B.
Anderson, Fred A.
Anderson, Frederic W.
Ashworth, Joseph A., and Bostwick.
Augustadt, Herbert W.
Bachelet, Albert E.
Bacon, Walter M.
Bacon, Walter M., and Watson.
Baker, George H., and Smith.
Ball, Eustace T., Ferguson, and Greene.
Bangert, John T., and Rosen.
Barney, Harold L.
Barry, Joseph F.
Bascom, Henry M., Massonneau, Ostendorf, and Rea.
Baxter, Howard A., and Lewis.
Beaumont, William M.
Bennett, William R., and Feldman.
Bishop, Walter M.
Blount, Frank E.
Bowen, Arnold E.
Bown, Ralph.
Bowne, Langford J.
Branson, David E., Davey, Knandel, Locke, and Vanderlippe.
Brattain, Walter H.
Brown, Henry B.
Buehler, Ernest.
Burton, Everett T.
Burton, Joseph A.
Busch, Aloysius J., and Vroom.
Busch, Aloysius J., and Williford.
Budenbom, Horace T.
Carbrey, Robert L.
Carpenter, Warren W., and Gooderham.
Carpenter, Warren W., and Vroom.
Carr, James A.
Chapman, Arthur G.
Cisne, Luther E.
Clark, James E., and Ronci.
Clarke, Harry R., Elmer, Herckmans, and Walter.
Clos, Charles.
Compton, Kenneth G., and Gould.
Corso, Frank S., and Crabtree.
Coyne, Howard L., Fessler, Hampton, Mesch, and Thompson.
Crump, Elmo E.
Curtis, Austin M.
Cutler, Cassius C.
Dalton, John F.
Davis, Kingsbury H., and Potter.
Dehn, Joseph W., Hersey, and Mehring.
Dehn, Joseph W., and Vroom.
De Lange, Owen E.
De Lange, Owen E., and Goodall.
Depew, Charles, and Depp.
Depp, Wallace A.
Dietzold, Robert L.
Dimond, Thomas L.
Doba, Stephen, Jr., and Rieke.
Doherty, William H.
Doherty, William H., Morrison, and Younker.
Dunlap, Kermit S., and Lovell.
Dunlap, Kermit S., and Seckler.
Eckardt, Helmuth.
Edson, James O.
Edwards, Charles F.
Edwards, Paul G.
Ekvall, Adolph C.
Espenschied, Lloyd.
Farkas, Thomas P.
Felch, Edwin P., Jr., and Slonczewski.
Feldman, Carl B. H.
Felker, Jean H.
Field, Lester M.
Fine, Morris E.
Fisher, Joseph R., and Teal.
Flint, Erlon W., and Joel.
Fox, Arthur G.
Friis, Harold T., Lewis, and Tillotson.
Fritschi, Walter W., and Lucek.
Fritts, Morris.
Frost, George R.
Gannett, Danforth K.
Germanton, Charles E.
Gibney, Robert B.
Giroud, Henry A.
Giroud, Henry A., Irwin, Kille, Retallack, Riggs, and Strickler.
Glass, Myron S.
Glore, Robert F., and Schunke.
Goff, Harold W.
Goodall, William M.
Gooderham, John W.
Gooderham, John W., Hague, and Powell.
Graham, Frank H.
Graham, Robert E.
Gray, Frank.
Hagstrum, Homer D.

Bell Telephone Laboratories, Incorporated, assignee: *See*— Continued.
Hague, Alfred E.
Hall, Oliver C.
Hamming, Richard W., and Holbrook.
Hampton, Leon N., Mesch, and Obst.
Hansen, Harry.
Harley, John B., and Nordahl.
Harley, Joseph J.
Harrison, Henry C.
Hartley, Ralph V. L.
Haury, Paul T., and Wier.
Hayward, John M., Johnson, and Neisser.
Hecht, George.
Heising, Raymond A.
Hershey, Ralph E.
Hewitt, William H., Jr.
Hickman, Clarence N.
Hickman, Clarence N., Graumann, and Mallina.
Hilsinger, Harry A., Jr.
Hochgraf, Lester.
Holdaway, Vivian L.
Holden, William H. T.
Holden, William H. T., and Lewis.
Hopkins, Harris F.
Hopkins, Harris F., and Prescott.
Huxham, Trevor S.
Ilgenfritz, Lester M., and Ketchledge.
Jacobs, Oliver B.
Johnson, Charles A., Jr., and Krumreich.
Johnson, John B., and McKay.
Kannenberg, Walter F.
Kannenberg, Walter F., Kinzer, Schram, and Wilson.
Kempf, Raymond A.
Kerwien, Arthur E.
King, Archie P.
Kingsbury, Burton A.
Kirkpatrick, William E.
Kinzer, John P.
Kock, Winston E.
Kock, Winston E., and Wallace.
Koenig, Walter, Jr.
Koliss, Peter P.
Kreer, John G., Jr.
Krumreich, Charles L.
Lacy, Lester Y.
Laird, Arthur G.
Lakotos, Emory, and Och.
Lamberty, Frederick R.
Lang, Wilmarth Y.
Lange, Russell W.
Lavery, Grant G.
Leveridge, Walter J.
Lewis, Willard D.
Llewellyn, Frederick B.
Locke, George A.
Lovell, George H.
Low, Frank K.
Lozier, John C.
Lund, Nean.
Maggio, John B.
Mallina, Rudolph F.
Malthaner, William A.
Marrison, Warren A.
Mason, Warren P.
Mason, Warren P., and Wick.
Mathes, Robert C.
McKay, Kenneth G.
McKim, Burton, and Strickler.
McMahon, William.
McMillan, Brockway.
McWilliams, Charles W.
Meacham, Larned A.
Melhose, Alfred E.
Melick, John M.
Menzel, Paul R., and West.
Merrill, Josiah L., and Reier.
Messana, Joseph P.
Meszaros, George W.
Miloche, Herman A.
Mitchell, Doren.
Mohr, Milton E.
Morin, Francis J.
Morton, Jack A.
Mott, Edward E.
Mumford, William W.
Murphy, Richard P.
Myers, Oscar.
Nebel, Charles N.
Newsom, James B.
Noweck, Herman E., and Robb.
Nuttman, Charles W.
Nylund, Harry W.
Nyquist, Harry.
Ohl, Russell S.
Oliver, Bernard M.
Ostendorf, Bernard, Jr., and Rea.
Parkinson, David B.
Parks, Charles O.
Pearson, Gerald L.
Peck, Donald S.
Peterson, Eugene.
Peterson, Liss C., and Potter.
Pfann, William G.
Pfleger, Kenneth W.
Phelps, Walter A.
Pierce, John R.
Pierce, John R., Shannon, and Tukey.
Pierce, John R., and Shepherd.
Pike, Vernon B.
Pollard, Charles E., Jr.
Potter, James A.
Potter, Ralph K.
Power, James R.
Praizner, Edward.
Purvis, Matthew R.
Rack, Alois J.
Rea, Wilton T.
Rehm, Theodore C.
Richard, Charles D.
Rideout, Vincent C.
Rieke, John W.
Ring, Douglas H.
Rippere, Robert O.
Robertson, Sloan D.
Rodwin, George.
Ronci, Victor L.
Ruggles, David M.
Ruggles, David M., and Warner.
Samuel, Arthur L.
Scaff, Jack H., and Theuerer.
Schenck, Alfred K.
Schmied, James W.
Scott, George.
Sears, Raymond W.
Shann, Oscar A.
Shepherd, William G.
Shive, John N.
Shockley, William.
Simons, Burton H.
Skellett, Albert M.
Smith, Philip H.
Southworth, George C.
Spencer, Harry H.
Steinberg, John C.
Stieritz, William G.
Stoller, Hugh M.
Tallman, Samuel C.
Taylor, Edmund R.
Teal, Gordon K.
Theuerer, Henry C.
Thiel, Felix A., Jr.
Tinus, William C.
Townes, Charles H.
Townsend, Mark A.
Trucksess, David E.
Tyrrell, Warren A.
Vance, Robert L.
Vanderlippe, Richard A.
Viol, Walter E.
Vroom, Edward.
Wallace, Robert L., Jr.
Walsh, Edward J.
Watson, Edward F.
Welch, Paul V.
Wennemer, Gerard P.
Willard, Gerald W.
Williams, Samuel B.
Wolfe, John E.
Wooldridge, Dean E.
Young, William R., Jr.

Bell, Thomas A., Ridgefield Park, N. J. Adjustable garment hanger. 2,574,999, Nov. 13.

Bell, Walter H., Port Arthur, Tex. Apparatus for cleaning tanks. 2,568,314, Sept. 18.

Bell, William C., London, and R. H. H. Press, Greenford, England, assignors to The Hoover Company, North Canton, Ohio. Suction cleaner with pneumatic filter cleaning means. 2,570,307, Oct. 9.

Bell, William D., Kansas City, Mo. Cutting tool. 2,546,292, Mar. 27.

Bell, William F., Western Springs, Ill., assignor to General Motors Corporation, Detroit, Mich. Rotor impregnating machine. 2,561,092, July 17.

Bell, William T., and A. Crompton, Lincoln, England. Fluid pressure brake with emergency weight operator. 2,554,235, May 22.

Bellairs, Guy F., London, and J. C. Ireland, Tunbridge Wells, assignors to British Telecommunications Research Limited, Taplow, England. Finder for automatic carrier telephone systems. 2,545,642, Mar. 20.

Bellairs, Guy F., London, and J. C. Ireland, Tunbridge Wells, Kent, assignors to British Telecommunications Research Limited, Taplow, England. Communication channel identification in telephone or like systems. 2,547,617, Apr. 3.

Bellamy, Edward G., assignee: *See*—
Mitchell, Emery A.

Bellamy, John I.: *See*—
Earle, Edwin L., Arthur, and Bellamy.

Bellamy, John I., Antioch, and R. P. Arthur, Des Plaines, assignors to Kellogg Switchboard and Supply Company, Chicago, Ill. Electromagnetic counting device. 2,538,818, Jan. 23.

Bellamy, John I., Antioch, assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Translator for shifted lines and parties. 2,574,903, Nov. 13.

Bellamy, John I., Brookfield, assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Electromagnetic counting device. 2,538,815, Jan. 23.
Bellamy, John I., Brookfield, assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Electromagnetic counting device. 2,538,816, Jan. 23.
Bellamy, John I., Brookfield, assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Electromagnetic counting device. 2,538,817, Jan. 23.
Bellamy, John I., Brookfield, assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Selector switching system. 2,559,702, July 10.
Bellamy, John I., Wheaton, assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Plural armature electromagnetic counting device. 2,538,819, Jan. 23.
Bellamy, John I., Wheaton, assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Endless chain of counting relays. 2,574,904, Nov. 13.
Bellek, Frank G., assignor of one-half to Harry L. Stillman, Chicago, Ill. Drill guide. 2,539,223, Jan. 23.
Belleville, Albert, Grand-Lancy, near Geneva, Switzerland. Massage apparatus. 2,578,916, Dec. 18.
Belleville, Logan M., Watertown, Mass., assignor, by mesne assignments, to United States of America as represented by the Secretary of War. Amplifier. 2,577,506, Dec. 4.
Belli, Charles: *See*—
Lacroix, Henri, and Belli.
Bellin, Gabriel A., assignor to Tipweeve Corp., New York, N. Y. Hand weaving device. 2,563,510, Aug. 7.
Bellinger, Kenneth P., Wilbraham, Mass. Bed covering. 2,577,178, Dec. 4.
Bellinger, Thaddeus F., West Allis, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Synchronous motor control system with single relay for field application and removal. 2,569,142, Sept. 25.
Bellows, Ernest L.: *See*—
Warner, De Ver K., Martin, and Bellows.
Bellows, Guy, Jr.: *See*—
Tritle, John F., and Bellows.
Belluche, Elmer W. and F. R., assignors to The Christensen Machine Company, Racine, Wis. Varnish applicator mechanism for sheet varnishers. 2,545,539, Mar. 20.
Belluche, Frank R.: *See*—
Belluche, Elmer W. and F. R.
Belluche, Frank R., assignor to The Christensen Machine Company, Racine, Wis. Line-up machine. 2,567,049, Sept. 4.
Belmont Radio Corporation, assignee: *See*—
Bushman, Stephen F.
Gannaway, Robertson R.
Hills, Elmer G.
Rankin, John A.
Beloit Iron Works, assignee: *See*—
Beachler, Edward D.
Goodwillie, John E.
Goodwillie, John E., and Neese.
Hornbostel, Lloyd.
Belotti, Eugenio, Sao Paulo, Brazil. Weft controlling and cutting means for shuttleless looms. 2,553,351, May 15.
Beloungy, James J., Minneapolis, Minn. Sight for archers' bows. 2,559,927, July 10.
Belpedido, Vincent S., Fairfield, Conn., and G. L. Barton, Tulsa, Okla. Device for deforming and removing crown caps. 2,548,697, Apr. 10.
Bel-Ray Company, Inc., assignee: *See*—
Mercier, Wilbur F.
Belsinger, Inc., assignee: *See*—
Belsinger, Jack R.
Belsinger, Samuel P.
Belsinger, Jack R., assignor to Belsinger, Inc., Atlanta, Ga. Extended length fiberboard container for extruded metal shapes, rugs, and the like. 2,569,035, Sept. 25.
Belsinger, Samuel P., assignor to Belsinger, Inc., Atlanta, Ga. Heavy-duty fiber container. 2,578,774, Dec. 18.
Belsinger, Samuel P., assignor to Belsinger, Inc., Atlanta, Ga. Heavy-duty fiber container. 2,578,775, Dec. 18.
Belsinger, Samuel P., assignor to Belsinger, Inc., Atlanta, Ga. Heavy-duty fiber container. 2,578,776, Dec. 18.
Belsinger, Samuel P., assignor to Belsinger, Inc., Atlanta, Ga. Heavy-duty fiber container. 2,578,777, Dec. 18.
Belt, Delbert F., Huntington, Ind. Odor eliminating apparatus. 2,554,694, May 29.
Belter, Paul A.: *See*—
Beckel, Arthur C., and Belter.
Beltice Corporation, assignee: *See*—
Knowles, Frank W.
Beltz, William E., Vallejo, Calif. Mandrel. 2,555,310, June 5.
Beman, Delmar W., Jr., Bethesda, Md. Disposable medicated foot cap for treatment of athlete's foot. 2,543,272, Feb. 27.
Bemis Bro. Bag Company, assignee: *See*—
Brady, Charles V., and Ottinger.
Brady, Charles V., and Williams.
Belcher, Daniel, and Kindseth.
Gelmer, William J., and Linda.
Gleave, Russell, and Dickmann.
Glow, Arthur E., and Coakley.
Kindseth, Harold V.
Kindseth, Harold V., and Zeller.
Bemis Bro. Bag Company, assignee: *See*—Continued.
Locke, John P., McLean, and Bridge.
Ottinger, August F., and Brady.
Perry, Ray P., Dickmann, and Bridge.
Pinckert, Carl W.
Schjeldahl, Gilmore T., and Wendt.
Scruggs, Thomas M.
Stohlman, William D.
Weeks, Norman E.
Bemis, Dallas H., Edmond, Okla. Display stand and tray. 2,567,593, Sept. 11.
Bemis, Ken E., Oakland, Calif. Ice-cream softening apparatus. 2,566,651, Sept. 4.
Bemis, Kenneth E., Oakland, Calif. French frier. 2,550,758, May 1.
Bemiss-Jason Company, assignee: *See*—
Meller, Reginald B.
Pagendarm, Edward J.
Bemmels, Cyrus W.: *See*—
Pike, Charles O., and Bemmels.
Benander, George B., Oaklawn, R. I., assignor, by mesne assignments, to General Electric Company. Electric lamp socket. 2,567,686, Sept. 11.
Benander, George B., Oaklawn, R. I., assignor, by mesne assignments, to General Electric Company. Trouble light with reflector, guard, and two-part handle. 2,567,687, Sept. 11.
Benander, George B., Oaklawn, R. I., assignor, by mesne assignments, to General Electric Company. Lamp socket. 2,570,751, Oct. 9.
Benard, Jacques A. V., assignor to Anciens Etablissements Barbier, Benard & Turenne, Paris, France. Mounting and locking optical lenses in a housing. 2,544,250, Mar. 6.
Benavides, Alfonso, and U. Pers, Far Rockaway, N. Y. Automatic printing machine. 2,542,791, Feb. 20.
Benbow, Burtis W. and R. S., Benbow, Calif. Wire tightening device. 2,577,299, Dec. 4.
Benbow, Burtis W. and R. S., assignors to Benbow Fence Tightener Co., Benbow, Calif. Wire tightening tool. 2,577,300, Dec. 4.
Benbow, Burtis W. and R. S., assignors to Benbow Fence Tightener Co., Benbow, Calif. Wire tightening device. 2,577,301, Dec. 4.
Benbow Fence Tightener Co., assignee: *See*—
Benbow, Burtis W. and R. S.
Benbow, Robert S.: *See*—
Benbow, Burtis W. and R. S.
Bence, William, assignee: *See*—
Johnson, George W.
Bench, David E.: *See*—
Fink, Albert O., and Bench.
Holt, Frederick W., Jr., Howard, and Bench.
Bench, David E., assignor to The Commonwealth Engineering Company of Ohio, Dayton, Ohio. Apparatus for filtering. 2,576,275, Nov. 27.
Benck, Leslie W., assignor to Deacon Products, Incorporated, Moline, Ill. Rotary basket dishwasher and liquid recirculating and straining means therefor. 2,564,186, Aug. 14.
Benck, Leslie W., Moline, Ill. Automatically regulated lead-away trough for downspouts. 2,567,004, Sept. 4.
Bencur, Matthew S., Pulaski, N. Y. Expansible reamer for making dovetail holes. 2,559,184, July 3.
Bendall, Wilfrid H., New York, N. Y. Flexible link chain. 2,551,578, May 8.
Bendall, Wilfrid H., New York, N. Y. Gear belt power transmission. 2,562,166, July 31.
Bendel, Ruth van Tellingen, Westmont, Ill. Condiment dispenser comprising interlocking figurines. 2,560,755, July 17.
Bendeler, William, and C. Howard, Oklahoma City, Okla. Overshot. 2,577,994, Dec. 11.
Bender, Byron W., Ridgewood, N. J., assignor to United States Rubber Company, New York, N. Y. Die cutting block. 2,575,378, Nov. 20.
Bender, Charles F., Atlanta, Ga. Artificial arm. 2,536,868, Jan. 2.
Bender, Emil A., Bakersfield, Calif. Pipe bin and rack. 2,543,274, Feb. 27.
Bender, Emil A., Bakersfield, Calif. Wedge lock beam connector. 2,562,483, July 31.
Bender, Emil A., Bakersfield, Calif. Raising boom. 2,542,176, Feb. 20.
Bender, Frank: *See*—
Mongeli, John and C., and Bender.
Bender, Harry, and H. M. Pitt, Torrance, Calif., assignors to Stauffer Chemical Company. Manufacture of the gamma isomer of hexachlorocyclohexane. 2,574,165, Nov. 6.
Bender, John C., Hartville, Ohio. Fluid motor with valve disk and cushioning means. 2,539,720, Jan. 30.
Bender, John C., and B. J. Kalb, Houston, Tex. Inspection of ferro-magnetic materials. 2,542,893, Feb. 20.
Bender, Kenneth R., assignor to General Instrument Corporation, Elizabeth, N. J. Record changer phonograph. 2,545,643, Mar. 20.
Bender, Newell R.: *See*—
Rogers, Thomas H., Jr., and Bender.
Bender, Philip F.: *See*—
Waite, Charles C., and Bender.
Bender, Robert J., assignor to Artifax, Inc., Chicago, Ill. Picture mount or portfolio. 2,538,894, Jan. 23.

Bender, Samuel, Shreveport, La. Swing frame. 2,560,713, July 17.
Bender, William L., Plainfield, assignor to Eli Lilly and Company, Indianapolis, Ind. Treated stopper for and method of introducing antifoam agent into a liquid medicament or the like. 2,573,637, Oct. 30.
Bendersky, David, and F. H. Gage, Kansas City, and W. M. Yocum, Independence, Mo., assignors, by mesne assignments, to Viking Corporation, Hastings, Mich. Spray nozzle. 2,578,392, Dec. 11.
Bendfelt, Herbert A., Oak Park, assignor to Mills Industries, Incorporated, Chicago, Ill. Film tensioning apparatus. 2,578,123, Dec. 11.
Bendick, Jack, Winnipeg, Manitoba, Canada. Removable expeller for collapsible tubes. 2,554,975, May 29.
Bendix Aviation Corporation, assignee: *See*—
Albright, Franklin C.
Alexanderson, Howard A., and Nette.
Anderson, Edward P.
Anderson, Vernal A.
Bath, Carl C.
Bechberger, Paul F., and Yeannakis.
Bevins, James E.
Bevins, James E., and Hyde.
Blocher, Ora G.
Bradley, Ronald E., and Fisher.
Bremser, Albert T.
Brown, Robert L.
Brunner, Richard J.
Burnett, Richard T.
Buxton, James E.
Clark, Richard B.
Colt, Rutger B.
Conviser, Harry.
Cosby, James R.
Crossman, Ward O.
D'Arcey, Alfred C.
Deardorff, Clinton E., and Meddock.
Deschamps, Desier J.
Dewey, Clarence L.
Dickey, John W.
Digby, James J.
Dingman, Glen H.
Drenkard, Adam, Jr.
Driscoll, Paul A.
Du Bois, William H.
Edmonds, Landon W. L., and Burley.
Eller, Keith B.
Eltgroth, George V.
Emerson, John F.
Exley, George A.
Faatz, Embry D.
Fell, William F.
Fisher, Gerald A.
Flanagan, Robert M.
Foster, Raymond H., and Havill.
Frei, Jakob R.
Frei, Jakob R., and Root.
Frei, Jakob R., and Uline.
Frerer, Paul G.
Gearin, Harold J.
Geyh, Charles P.
Gilbert, Samuel.
Gilbert, Samuel and A.
Gilbert, Samuel, and Miller.
Goenfrich, George A., and Rohn.
Goldberg, Harold.
Gordon, James F.
Gregg, David.
Haas, Harold G.
Hague, Robert Z., and Alexanderson.
Hauser, Richard F.
Hayden, Howard L.
Hayes, Albert E., Jr.
Hedeman, Walter R., Jr.
Hellen, James S.
Henney, George K.
Hermanny, Heinrich.
Herwig, Robert S.
Holmes, Bradford B.
Holmes, William R.
Hood, E. Elliott.
House, Bryan E.
Howe, James A.
Hupp, Edward E.
Jandasek, Joseph.
Jandasek, Vladimir J.
Jenny, Cletus J.
Kasten, Walter.
Konet, Henry.
Kuzmitz, Frank V., and South.
Laucks, Howard H.
Lauer Léon N.
Lawrence, Donald M.
Linkroum, Irving E., and Twaddell.
Livers, Carlos B., and Dawes.
Long, Richard H.
Long, Richard H., and Price.
MacCallum, Alan M., and Murphy.
MacDuff, Stanley I.
McNulty, John V.
Marmont, George H., and Rice.
Martin, John G.
Mayrath, Thomas L.
Bendix Aviation Corporation, assignee: *See*—Continued.
Merritt, George E.
Metsger, Charles S.
Miller, Donald L.
Miller, Raymond S.
Mock, Frank C.
Mock, Frank C., and Keller.
Murphy, Donald F.
Murphy, Norman B.
Neild, William G.
Nelson, Donald O.
Noxon, Paul A.
Noxon, Paul A., and Mead.
Ochtman, Leonard.
Omberg, Arthur C.
Omberg, Arthur C., and Goldberg.
Orban, Stephen G.
Parker, Leland C.
Pauly, Jacob L.
Perkins, Corles M., and MacCallum.
Perkins, Corles M., Sr., and Bennett.
Peterson, Robert H.
Polye, William R.
Pond, William B.
Pontius, George W., III.
Porter, George K.
Prather, Edwin E.
Price, Earl R.
Price, Harold W.
Price, Harold W., and Hupp.
Purdy, Rolland M.
Rogers, Edwin J.
Rossire, Francis H. S.
Russell, James L.
Russell, Matthew J. B.
Rylsky, Gregory V.
Rylsky, Gregory V., and Schule.
Schnaible, Albert P., and Blakeway.
Schnaible, Albert P., and Mock.
Schultheis, Harry B., Jr.
Schultz, Harold B.
Segall, Louis H.
Shaw, Richard, Jr.
Singleton, William W.
Sloane, Robert W.
Smeltzer, Raymond F.
Smith, Whitfield C.
Spengler, Walter J.
Spengler, Walter J., and Roloson.
Stamper, Hamilton A.
Stelzel, Roderick W.
Stockinger, Paul P.
Stryker, Carleton E.
Sturm, Ralph E., and Cosby.
Teague, Walter D., Jr.
Thomas, Thomas H.
Tobias, Arthur R.
Tognola, Tullio.
Townsend, Carroll S.
Trautman, Walter C.
Trautman, Walter C., and Hollister.
Troeger, Henry.
Uline, William A.
Uline, William A., and Rowell.
Wheeler, Richard H.
Whiffen, Richard E.
White, Raymond E.
Winchel, Henry T.
Winkler, Albert H.
Winkler, Albert H., and Kelsey.
Wise, Morris O.
Wisman, Franklin O.
Wood, Louvan E.
Zwack, Raymond T.
Bendix Home Appliances, Inc., assignee: *See*—
Chamberlin, John W.
Bendix Products Corporation, assignee: *See*—
Huyck, Ralph S.
Bendix-Westinghouse Automotive Air Brake Company, assignee: *See*—
Eaton, Wilfred A.
Fitch, Ellery R.
Learn, Claude E.
Shumaker, John F.
Williams, Herbert J.
Ben-Dor, Ben-Ami, Washington, D. C. Low-pressure cooker. 2,574,950, Nov. 13.
Benedek, Elek K., Chicago, Ill. Pump and motor. 2,551,993, May 8.
Benedek, Elek K., Chicago, Ill. Pump or motor. 2,556,717, June 12.
Benedict, Aloys and M. W., Los Angeles, Calif. Pedal extension. 2,536,903, Jan. 2.
Benedict, Bruce C., Bartlesville, Okla., assignor to Phillips Petroleum Company. Fractionation of reduced crude oil. 2,558,809, July 3.
Benedict, Bruce C., and W. N. Axe, Bartlesville, Okla., assignors ot Phillips Petroleum Company. Propane fractionation of reduced crude oil with recycle of a solvent extract. 2,570,044, Oct. 2.
Benedict, Clinton S., Katonah, N. Y. Signaling device for fishing lines. 2,538,551, Jan. 16.
Benedict, Daniel: *See*—
Zwoboda, Arthur E., and Benedict.

Benedict, Emily, assignee: *See*—
Benedict, Fremont W.
Benedict, F. W., assignee: *See*—
Benedict, Fremont W.
Benedict, Fremont W., Upper Darby, assignor to F. W. and E. Benedict and E. W. and E. Hipp, co-partners trading under the name of Bruell Products Company, Philadelphia, Pa. Pressure filter. 2,552,305, May 8.
Benedict, Lloyd D., assignor to M. I. Malone, C. M. Campion, and G. B. Cheevers, Chicago, Ill. Combination sheet-containing frame and beneficiating reagent receptacle. 2,550,954, May 1.
Benedict, Manson, Westfield, J. B. Wagstaff, Ridgewood, and G. B. Webb, Westfield, N. J., assignors to Hydrocarbon Research, Inc., New York, N. Y. Iron oxide reduction. 2,577,730, Dec. 11.
Benedict, Marcus C., Springfield, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Gas turbine apparatus. 2,548,858, Apr. 17.
Benedict, Margaret W.: *See*—
Benedict, Aloys and M. W.
Benedict, Robert G., Peoria, Ill., assignor to the United States of America as represented by the Secretary of Agriculture. Polymyxin production. 2,571,104, Oct. 16.
Benello, Egidio M.: *See*—
Gerlach, Hugo, and Benello.
Benenfeld, Peter, New York, N. Y. Continuous folded gusset for school bags. 2,539,051, Jan. 23.
Benes, John J., Jr.: *See*—
Pakswer, Serge, and Benes.
Lewin, Gerhard, and Benes.
Benesh, Matthew E., Cicero, Ill. Method and apparatus for determining toxicity. 2,538,498, Jan. 16.
Benét, Marjorie F., New York, N. Y. Slip case for bassinets and the like. 2,542,618, Feb. 20.
Beneteau, Alfred J., Monroe, Mich. Automobile window screen. 2,540,504, Feb. 6.
Beney, James K.: *See*—
Chatterjea, Prafulla K., Scully, Ambrose, and Beney.
Benford, James R., Irondequoit, assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Microscope fine adjustment mechanism. 2,563,702, Aug. 7.
Benge, Frank H., Norristown, Pa., assignor to Continental-Diamond Fibre Company, Newark, Del. Preforming apparatus. 2,555,109, May 29.
Benge, Hubert M., Statesville, N. C. Curve cutting sawing apparatus. 2,548,698, Apr. 10.
Bengtson, Kermit B., Seattle, Wash. Recovery of magnesium from siliceous magnesium minerals. 2,567,419, Sept. 11.
Bengtson, William, Roosevelt, N. Y. Ball chain drive. 2,551,821, May 8.
Benham, Lessie L., executrix: *See*—
Benham, Spencer G.
Benham, Spencer G., deceased, Brooklyn, N. Y.; L. L. Benham, executrix. Liquid separation. 2,565,343, Aug. 21.
Benham, Spencer G., deceased, Brooklyn, N. Y.; L. L. Benham, executrix. Convertible hand tool. 2,565,344, Aug. 21.
Ben-Hur Products, Inc., assignee: *See*—
Behr, Siegfried.
Benigar, James E., Tulsa, Okla. Puncturing and dispensing device for oil cans. 2,547,556, Apr. 3.
Bening, Joseph: *See*—
Cooper, Arthur M., and Bening.
Benischek, Victor V., Albuquerque, N. Mex. Apparatus for molding concrete blocks. 2,560,208, July 10.
Benisek, Louie J., and A. J. Boleski, Alliance, Nebr. Crane hoist for railroad trucks. 2,552,927, May 15.
Benjamin, Allen, assignor to Skilsaw, Inc., Chicago, Ill. Portable tool. 2,567,095, Sept. 4.
Benjamin, Clarence F., North Harlowe, N. C. Hammock stand. 2,551,865, May 8.
Benjamin, Claude A., assignee: *See*—
Smith, Jacob A.
Benjamin Electric Manufacturing Company, assignee: *See*—
Leinen, Arthur P.
Phillips, Paul D.
Benjamin, Harry S., Detroit, and H. R. De Harte, assignors to The Leading Engine Company, Farmington, Mich. Internal-combustion engine piston lubrication. 2,570,424, Oct. 9.
Benjamin, Joseph: *See*—
Benjamin, Samuel C., and J.
Benjamin, Milton L., assignee: *See*—
Eichelman, William H.
Benjamin, Milton L., Shaker Heights, and F. E. Winnen, Cleveland, Ohio, said Winnen assignor to said Benjamin. Full-floating holder. 2,547,518, Apr. 3.
Benjamin, Milton L., Shaker Heights, and F. E. Winnen, Cleveland, Ohio; said Winnen assignor to said Benjamin Floating toolholder. 2,570,752, Oct. 9.
Benjamin, Percy W., Burlington Flats, N. Y. Stanchion. 2,541,856, Feb. 13.
Benjamin Reel Products, Inc., assignee: *See*—
Johnson, James E., and Yirava.
Benjamin, Samuel C. and J., Chicago, Ill. Beverage dispensing apparatus. 2,573,888, Nov. 6.
Benke, William, San Antonio, assignor to C. W. Bacon, Sr., Bexar County, Tex. Automatic gate. 2,561,683, July 24.
Benker, Charles, North Attleboro, Mass. Number selecting game apparatus. 2,555,777, June 5.
Bennek, John D., Milwaukee, Wis. Gun sling. 2,576,559, Nov. 27.
Benner, Archie C., and W. L. Guest, Chicago, Ill., assignors to American Telephone and Telegraph Company. Two-wire test clip. 2,569,972, Oct. 2.
Benner, Carroll J., assignor of one-half to Abram Hortze, Long Beach, Calif. Hairpin opener. 2,536,415, Jan. 2.
Benner, Howard J., and A. M. Hadley, Longmeadow, Mass., assignors, by mesne assignments, to General Instruments Corporation, Elizabeth, N. J. Transformer. 2,569,036, Sept. 25.
Benner, Joseph A., assignor to Armstrong Cork Company, Lancaster, Pa. Container closure adhesive comprising an aqueous dipersion of albumin and an isobutylene-diolefin copolymer. 2,557,169, June 19.
Benner, Joseph A., assignor to Armstrong Cork Company, Lancaster, Pa. Linerless venting closure. 2,576,917, Dec. 4.
Benner, Raymond C.: *See*—
Melton, Romie L., Benner, and Kirchner.
Benner, Roland G., Carneys Point, N. J., assignor to the United States of America as represented by the United States Atomic Energy Commission. Fluorinating organic compounds with molten silver fluorides. 2,549,565, Apr. 17.
Benner, William, Jr., Park City, Mont. Spring cushioned article of footwear. 2,552,393, May 8.
Bennes, Charles D., Los Angeles, assignor to Technicolor Motion Picture Corporation, Hollywood, Calif. Aligning stage for instruments. 2,567,005, Sept. 4.
Bennes, Charles D., Los Angeles, assignor to Technicolor Motion Picture Corporation, Hollywood, Calif. Method and apparatus for transferring picture layers from one film base to another. 2,572,001, Oct. 23.
Bennetch, Leonard M., assignor to Reichard-Coulston, Inc., Bethlehem, Pa. Preparation of brown oxide of iron. 2,574,459, Nov. 13.
Bennett, Alfred: *See*—
Perkins, Corles M., Sr., and Bennett.
Bennett, Alva H., Kenmore, N. Y., assignor to American Optical Company, Southbridge, Mass. Microscope slide for phase microscopes. 2,574,522, Nov. 13.
Bennett, Arthur J., assignor to Pye Limited, Cambridge, England. Combination centering, focusing, and deflecting device for beam of cathode-ray tubes. 2,544,875, Mar. 13.
Bennett, Arthur J., and L. Lax, assignors to Pye Limited, Cambridge, England. Saw-tooth current oscillation generator. 2,544,213, Mar. 6.
Bennett, Arthur W., Erie, Pa. Signaling system for vehicles. 2,572,973, Oct. 30.
Bennett, Charles E., Ridgewood, and P. V. White, Rochelle Park, assignors to The Okonite-Callender Cable Company, Incorporated, Paterson, N. J. Hermetically sealed reel. 2,555,840, June 5.
Bennett, Charles R., East Cleveland, Ohio. Razor. 2,575,539, Nov. 20.
Bennett, Clarence G., San Mateo, Calif. Joint structure for laminates. 2,550,520, Apr. 24.
Bennett, Clarence S., Long Beach, and W. A. Bailey, Jr., Walnut Creek, assignors to Shell Development Company, San Francisco, Calif. Isomerization of xylenes. 2,564,388, Aug. 14.
Bennett, Eldred C.: *See*—
Boegly, William J., Bennett, Morrison, and Powell.
Bennett, Ernest O., Bluefield, W. Va. Fluorescent lamp tube and mounting means therefor. 2,569,143, Sept. 25.
Bennett, Foster C., assignor to The Dow Chemical Company, Midland, Mich. Electrically heated transfer pipe. 2,568,578, Sept. 18.
Bennett, George A., Center Moriches, N. Y., and S. F. Perry, Roselle, N. J., assignors to Standard Oil Development Company. Treating lubricating oil with solid adsorbents. 2,552,436, May 8.
Bennett, Harold F.: *See*—
Kingslake, Rudolf, and Bennett.
Bennett, Harold F., assignor to Eastman Kodak Company, Rochester, N. Y. Optical objective system comprising a positive member and a negative auxiliary member. 2,559,844, July 10.
Bennett, Harold F., assignor to Eastman Kodak Company, Rochester, N. Y. Catadioptric lens system. 2,571,657, Oct. 16.
Bennett, Hazen B., West Hartford, Conn. Method and apparatus for producing ice cubes. 2,540,566, Feb. 6.
Bennett Incorporated, assignee: *See*—
Eaton, Charles F.
Bennett, James A. J., Round Riding Road, Scotland. Torary wing aircraft structure and interconnected damping device. 2,568,214, Sept. 18.
Bennett, James C., Inglewood, assignor to Anderson Die Casting & Engineering Corporation, Los Angeles, Calif. Tilting device for Venetian blinds. 2,559,928, July 10.
Bennett, James H., Baltimore, and J. A. Webb, Essex, assignors to The Glenn L. Martin Company, Middle River, Md. Airplane wing flap and slat mounting. 2,542,792, Feb. 20.
Bennett, John R., Wabash, Ind., assignor to The General Tire and Rubber Company, Akron, Ohio. Resilient mounting. 2,575,858, Nov. 20.

Bennett, Joseph B., Merion, assignor to American Engineering Company, Philadelphia, Pa. Stoker furnace. 2,567,837, Sept. 11.
Bennett, Joseph S., Merion, and A. W. Thorson, Narberth, assignors to American Engineering Company, Philadelphia, Pa. Stoker comprising furnace side wall fuel feed means. 2,550,521, Apr. 24.
Bennett, Maurice E., Fort Wayne, Ind., assignor to General Electric Company. Dynamoelectric machine. 2,550,443, Apr. 24.
Bennett, Ralph E., assignor to Commercial Solvents Corporation, Terre Haute, Ind. Treatment of corn steep liquor for streptomycin production. 2,576,513, Nov. 27.
Bennett, Ralph M., New Bedford, assignor to Kilburn Mill, Briston County, Mass. Adjustable magazine creel for knitting machines. 2,571,523, Oct. 16.
Bennett, Ralph S., and C. F. Passe, Pittsfield, Mass., assignors to General Electric Company. Circuit interrupter. 2,550,444, Apr. 24.
Bennett, Richard G., Jamestown, N. Y., assignor to Sylvania Electric Products Inc. Mica slitting machine. 2,551,655, May 8.
Bennett, Robert B., Akron, Ohio. Rolling and rockable toy. 2,570,091, Oct. 2.
Bennett, Robert D., Grand Rapids, Mich. Scissors. 2,568,605, Sept. 18.
Bennett, Robert P., White Hall, Md., assignor, by mesne assignments, to the United States of America. Air launched radio station. 2,555,867, June 5.
Bennett, V. Ray, Los Angeles, Calif. Respiratory facial mask. 2,540,567, Feb. 6.
Bennett, Vesta C., Northport, N. Y. Hand loom. 2,547,250, Apr. 3.
Bennett, Wallis R.: *See*—
Pippin, Clarence A., Robinson, and Bennett.
Bennett, Walter E., Jr.: *See*—
Wauson, Horace C., and Bennett.
Bennett, Wilburn O.: *See*—
Christofoli, Pietro J., and Bennett.
Bennett, William H., Mount Gilead, Ohio, assignor to H-P-M Development Corporation, Wilmington, Del. Multiple area piston means. 2,571,658, Oct. 16.
Bennett, William O., Jr., assignor to Hamilton Watch Company, Lancaster, Pa. Comparator gauge. 2,568,981, Sept. 25.
Bennett, William O., Jr., Bayside, N. Y., and F. Koehler, assignors to Hamilton Watch Company, Lancaster, Pa. Frequency standard. 2,564,636, Aug. 14.
Bennett, William R., and C. B. H. Feldman, Summit, N. J. assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Multiple carrier transmission system. 2,575,993, Nov. 20.
Benning, Anthony F.: *See*—
Downing, Frederick B., Benning, and McHarness.
Benning, Anthony F., Woodstown, N. J., assignor to the United States of America as represented by the United States Atomic Energy Commission. Fluorination of lubricating oil. 2,541,190, Feb. 13.
Benning, Anthony F., Woodstown, N. J., assignor to E. I. du Pont de Nemours and Company, Wilmington, Del. Fluorinated aliphatic phosphates as emulsifying agents for polymerizations. 2,559,749, July 10.
Benning, Anthony F., Woodstown, N. J., assignor to the United States of America as represented by the United States Atomic Energy Commission. Fluorination of high molecular compounds. 2,567,759, Sept. 11.
Benning, Anthony F., and R. C. McHarness, Woodstown, N. J., and M. K. Richards, and G. W. Feldmann, Wilmington, Del., assignors to the United States of America as represented by the United States Atomic Energy Commission. Electrolytic cell with welded anode assembly. 2,550,445, Apr. 24.
Benning, Anthony F., Woodstown, N. J., and M. K. Richards, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Process and apparatus for the electrolytic production of fluorine. 2,568,844, Sept. 25.
Benning, Anthony F., Woodstown, N. J., J. D. Park, Boulder, Colo., and S. E. Krahler, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Fluorination with granular CrF_3 catalyst. 2,576,823, Nov. 27.
Benning, Walter F., assignor to Willys-Overland Motors, Inc., Toledo, Ohio. Control lever mounted on threaded pivot. 2,575,379, Nov. 20.
Benninga, Noach: *See*—
Koch, Theodoor, and Benninga.
Benninger, Eugen, Zurich, assignor to Precisa A.-G. Rechenmaschinenfabrik, Zurich-Oerlikon, Switzerland. Setting device for the type levers in calculating machines. 2,561,646, July 24.
Benninghofen, Paul, trustee, assignee: *See*—
Waechter, Harry J.
Benninghoff, William L., Waite Hill Village, and A. F. Robertson, South Euclid, assignors to The Pipe Machinery Company, Cleveland, Ohio. Machine tool. 2,576,095, Nov. 27.
Beno, George M.: *See*—
Regenhardt, Hans W., and Beno.
Benoit, Edouard L.: *See*—
Benoit, Remi A. and E. L.
Benoit, Georges E., Ville St.-Pierre, Quebec, Canada. Air-brake automatic bleeder valve. 2,561,607, July 24.
Benoit, Henry F., Charlton, Mass. Cylinder coupling. 2,538,499, Jan. 16.
Benoit, Leon, New York, and R. Vahle, Tappan, assignors, by mesne assignments, to Robert Gair Company, Inc., New York, N. Y. Automatic carton erecting machine. 2,561,776, July 24.
Benoit, Leon J., Benson, Minn. Valve guard. 2,580,343, Dec. 25.
Benoit, Remi A. and E. L., New York, N. Y. Apparatus for and method of drying. 2,571,815, Oct. 16.
Benrus Watch Company, Inc., assignee: *See*—
O'Neill, Henry J.
Bens, Frederick P., Detroit, J. L. Ham, Dearborn, Mich., and R. M. Parke, Silver Spring, Md., assignors to Climax Molybdenum Company, New York, N. Y. Refractory metal alloy castings and making same. 2,580,273, Dec. 25.
Benson, Abel C., River Falls, Wis. Portfolio. 2,568,941, Sept. 25.
Benson, Arthur R., Berlin, assignor to The W. W. Mildrum Jewel Co., Incorporated, East Berlin, Conn. Textile guide ring. 2,557,591, June 19.
Benson, Ernest H., Kansas City, Mo. Container and shielding therefor. 2,547,806, Apr. 3.
Benson, George A., West Englewood, N. J., J. Coyle, and W. F. Punte, Baltimore, Md., assignors to Continental Can Company, Inc., New York, N. Y. Container valve fitting. 2,570,909, Oct. 9.
Benson, Harry D., Fresno, assignor to General Nailing Machine Corporation, Sanger, Calif. Box lidding machine. 2,536,416, Jan. 2.
Benson, Harry D., Fresno, assignor to General Nailing Machine Corporation, Sanger, Calif. Nailing table for box lidding machines. 2,573,826, Nov. 6.
Benson, Howard R.: *See*—
Benson, Robert H. and H. R.
Benson, Ivar, Seattle, Wash. Sectional refrigerated display cabinet. 2,554,610, May 29.
Benson, Jesse M., Concord, Tenn., assignor to Sasgen Derrick Co., Chicago, Ill. Scaffold winch. 2,552,928, May 15.
Benson, Jewell R., Denver, Colo., assignor to the United States of America as represented by the Secretary of the Interior. Soil erosion control. 2,556,162, June 12.
Benson, Merle K., Benton Harbor, Mich., assignor to T-M-K Corporation, Davenport, Iowa. Overload release friction coupling. 2,569,144, Sept. 25.
Benson, Merle K., Benton Harbor, Mich., assignor to T-M-K Corporation, Davenport, Iowa. Adjustable propeller. 2,574,951, Nov. 13.
Benson, Norman A., Akron, Ohio. Device for the examination of postage stamps. 2,571,188, Oct. 16.
Benson, Paul E., Eaton Rapids, assignor to General Motors Corporation, Detroit, Mich. Wheel cover. 2,544,129, Mar. 6.
Benson, Ralph L., assignor to Avco Manufacturing Corporation, Cincinnati, Ohio. Refrigerator cabinet construction having heat exchange inner walls. 2,576,208, Nov. 27.
Benson, Robert H. and H. R., Concord, Tenn. Scaffold winch. 2,553,031, May 15.
Benson, Sidney W., Los Angeles, Calif. Fastening means for supporting objects. 2,549,766, Apr. 24.
Benson, Victor A., San Jose, Calif. Barbecue grill structure. 2,542,109, Feb. 20.
Benson, Victor J., Minneapolis, Minn. Fish grab. 2,562,374, July 31.
Benson, William L.: *See*—
Sweet, Roger S., and Benson.
Bent, Arthur J., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure throttle control apparatus. 2,545,509, Mar. 20.
Bent, Arthur J., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Apparatus for conditioning load compensating brakes. 2,553,805, May 22.
Bent, Arthur J., Penn Township, Allegheny County, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure motor having a check for terminal operation thereof. 2,558,810, July 3.
Bent, Arthur J., Pittsburgh, Pa., assignor to Westinghouse Air Brake Company. Self-aligning piston and piston rod. 2,573,384, Oct. 30.
Bent, Arthur J., Pittsburgh, Pa., assignor to Westinghouse Air Brake Company. Fluid pressure controlled actuating device. 2,575,937, Nov. 20.
Bent, Franklin A., Berkeley, assignor to Shell Development Company, San Francisco, Calif. Treating coatings of polyallyl esters of saturated fatty acids and resulting products. 2,541,148, Feb. 13.
Bentley, Alfred Y.: *See*—
Pohle, Eric.
Bentley, Arthur P., Scotia, N. Y., assignor to General Electric Company. Over-pressure protective device. 2,558,534, June 26.
Bentley, Edward P., Roslyn Heights, and G. P. Bentley, Garden City, assignors to Instrument Development Laboratories, Inc., Williston Park, N. Y. Optical micrometer gauge. 2,549,566, Apr. 17.
Bentley Engineering Company Limited, The, assignee: *See*—
Kent, Alfred W.

Bentley, George P.: *See*—
Bentley, Edward P. and G. P.
Bentley, Mark, San Francisco, Calif. Windbreak. 2,576,384, Nov. 27.
Bentley, Robert H., assignor to The Arrow-Hart & Hegeman Electric Co., Hartford, Conn. Operating mechanism for electric switches. 2,576,771, Nov. 27.
Bentley, William A., Lancaster, Pa., assignor to Radio Corporation of America. Protective system. 2,536,712, Jan. 2.
Benton, Alfred C., and J. F. Schmidt, Jr., San Francisco, Calif. Rotating disk game device. 2,545,644, Mar. 20.
Benton, Gilbert, Concord, N. C. Triple spout oil can. 2,555,563, June 5.
Benton, Harold Z., Woodstock, and R. R. Over, assignors to American Phenolic Corporation, Chicago, Ill. Tube socket. 2,556,956, June 12.
Benton, John E., near Gordo, and D. W. Haynie, East Tallassee, Ala. Stopping means for looms. 2,549,047, Apr. 17.
Bentsen, Elmer C., Mission, Tex. Rotary mixing valve. 2,546,423, Mar. 27.
Bentson, Harold G., assignor to Security Engineering Co., Inc., Whittier, Calif. Coring bit. 2,553,032, May 15.
Bentz, Lloyd O.: *See*—
Stefl, Eugene P., and Bentz.
Ben Venue Laboratories, Incorporated, assignee: *See*—
Darker, Grant D.
Benvissuto, John, Brooklyn, assignor of one-half to A. Lavenburg, New York, N. Y. Folding leg actuator and latching mechanism. 2,546,816, Mar. 27.
Benz, August, Portland, Oreg. Spring and axle assembly for vehicles. 2,547,993, Apr. 10.
Benz, August, Portland, Oreg. Spring trunnion mount. 2,554,553, May 29.
Benz, August, Portland, Oreg. Spring with ball retainer. 2,562,256, July 31.
Benz, George R., Bartlesville, Okla., assignor to Phillips Petroleum Company. Method and apparatus for shipping and storing liquefied gases. 2,538,664, Jan. 16.
Benz, George R., and E. O. Mattocks, Bartlesville, Okla., assignors to Phillips Petroleum Company. Relieving pressure vessels when subjected to high temperatures. 2,564,295, Aug. 14.
Benz, George W., executor: *See*—
Stephan, Fritz.
Benz, Herbert G.: *See*—
Stephan, Fritz.
Benzol Products Company, assignee: *See*—
Ringk, William F., and Freeman.
Beranek, Leo L., Cambridge, Mass. Voice silencer. 2,566,975, Sept. 4.
Berardi, Joseph A.: *See*—
Kautzmann, Harry L., and Berardi.
Berberich, Otto P.: *See*—
Lee, Ernest D., Schefbauer, and Berberich.
Berch, Samuel H., Beverly Hills, Calif. Material measuring and dispensing device. 2,550,903, May 1.
Berchman, Leonard W., Los Angeles, Calif. Tobacco tamper. 2,542,110, Feb. 20.
Berchtold, Wallace W., York, Pa., assignor to American Chain & Cable Company, Inc., Bridgeport, Conn. Crane. 2,553,955, May 22.
Berck, William F., assignor to Ralph N. Brodie Company, Oakland, Calif. Two-cylinder fluid meter. 2,555,629, June 5.
Berck, William F., Hayward, assignor to Ralph N. Brodie Company, Oakland, Calif. Adjustable gearing. 2,571,005, Oct. 9.
Berdach, Ernest, New York, N. Y. Undergarment. 2,549,361, Apr. 17.
Berdan, George D., Fort Worth, Tex. Combined lawn mower and edge trimmer. 2,556,790, June 12.
Berdan, George D., Fort Worth, Tex. Lawn mower having a slidable and tiltable reel. 2,574,725, Nov. 13.
Bereman, Clifford H., Los Angeles, Calif. Water conditioner. 2,554,772, May 29.
Berestneff, Alexis A., assignor to Carrier Corporation, Syracuse, N. Y. Absorption refrigeration system. 2,565,943, Aug. 28.
Berestneff, Alexis A., assignor to Carrier Corporation, Syracuse, N. Y. Dual temperature absorption refrigeration system. 2,566,480, Sept. 4.
Berestneff, Alexis A., and W. L. McGrath, assignors to Carrier Corporation, Syracuse, N. Y. Absorption refrigeration system. 2,550,665, May 1.
Berestneff, Alexis A., and W. L. McGrath, assignors to Carrier Corporation, Syracuse, N. Y. Control arrangement for absorption refrigeration systems. 2,565,838, Aug. 28.
Berg, Arthur A.: *See*—
Baerwald, Walter H., and Berg.
Berg, Auguste J., New York, N. Y. Perpetual calendar. 2,553,163, May 15.
Berg, Clyde H. O.: *See*—
Imhoff, Donald H., and Berg.
Leffert, Charles B., and Berg.
Polly, Orville L., and Berg.
Berg, Clyde H. O., Long Beach, assignor to Union Oil Company of California, Los Angeles, Calif. Adsorption process. 2,539,005, Jan. 23.
Berg, Clyde H. O., Long Beach, assignor to Union Oil Company of California, Los Angeles, Calif. Adsorption apparatus and process. 2,539,006, Jan. 23.
Berg, Clyde H. O., Long Beach, assignor to Union Oil Company of California, Los Angeles, Calif. Recovery of nitrogen bases. 2,541,458, Feb. 13.
Berg, Clyde H. O., Long Beach, assignor to Union Oil Company of California, Los Angeles, Calif. Apparatus for gas separation by adsorption. 2,544,214, Mar. 6.
Berg, Clyde H. O., Long Beach, assignor to Union Oil Company of California, Los Angeles, Calif. Adsorption process and apparatus. 2,548,192, Apr. 10.
Berg, Clyde H. O., Long Beach, assignor to Union Oil Company of California, Los Angeles, Calif. Adsorption process and apparatus. 2,550,955, May 1.
Berg, Clyde H. O., Long Beach, assignor to Union Oil Company of California, Los Angeles, Calif. Level control. 2,568,379, Sept. 18.
Berg, Clyde H. O., Long Beach, assignor to Union Oil Company of California, Los Angeles, Calif. Adsorption process. 2,571,329, Oct. 16.
Berg, Clyde H. O., Long Beach, assignor to Union Oil Company of California, Los Angeles, Calif. Adsorption process. 2,575,520, Nov. 20.
Berg, Clyde H. O., and D. H. Imhoff, Long Beach, assignors to Union Oil Company of California, Los Angeles, Calif. Adsorption process. 2,545,067, Mar. 13.
Berg, Emil G., Erie, Pa., assignor to Jet Electric Shaver Corporation, New York, N. Y. Electrical shaving device. 2,574,316, Nov. 6.
Berg, Emil G., Erie, Pa., assignor to Jet Electric Shaver Corporation, New York, N. Y. Electrical shaving device. 2,574,317, Nov. 6.
Berg, Emil G., New Ulm, Minn. Poultry picking machine. 2,539,688, Jan. 30.
Berg, Ezra, Evanston, Wyo. Chick brooder. 2,546,536, Mar. 27.
Berg, Frederick, assignor to The American Hardware Corporation, New Britain, Conn. Machine for and method of manufacturing brushes. 2,540,160, Feb. 6.
Berg, John W., Denver, Colo. Making picture frames. 2,536,713, Jan. 2.
Berg, Leo F., Oak Park, Ill., assignor to Hotpoint Inc. Electric range. 2,554,083, May 22.
Berg, Leo F., Oak Park, assignor to Hot Point Inc., Chicago, Ill. Oven vent for ranges. 2,569,652, Oct. 2.
Berg, Lloyd: *See*—
Montgomery, Charles W., Sumner, and Berg.
Berg, Louis B., Chicago, Ill., and J. E. Martin, San Antonio, assignors, by mesne assignments, to R. W. Carter, Luling, Tex. Rotary nut-cracking machine having reciprocatory jaws. 2,549,881, Apr. 24.
Berg Mfg. & Sales Co., assignee: *See*—
Baerwald, Walter H., and Berg.
Berg, Quentin, New Cumberland, assignor to Aircraft-Marine Products, Inc., Harrisburg, Pa. Spade connector convertible to ring connector. 2,570,753, Oct. 9.
Berg, Ralph L., Chicago, Ill., assignor to Hotpoint Inc. Program selector switch. 2,536,256, Jan. 2.
Bergan, Martin D., Westfield, assignor to The Thomas & Betts Co., Elizabeth, N. J. Electric spade terminal receptacle. 2,550,636, Apr. 24.
Bergan, Martin D., Westfield, assignor to The Thomas & Betts Co., Elizabeth, N. J. Ground strap. 2,554,169, May 22.
Bergan, Martin D., Westfield, assignor to The Thomas & Betts Co., Elizabeth, N. J. Disconnect lug. 2,555,074, May 29.
Bergan, Martin D., Westfield, assignor to The Thomas & Betts Co., Elizabeth, N. J. Flag type electric terminal. 2,555,075, May 29.
Bergdorf, Dale W., Barberton, Ohio. Catch. 2,577,507, Dec. 4.
Berge, Edwin H., Milwaukee, Wis. Air scoop filter assembly. 2,551,923, May 8.
Bergemann, Robert J., Jr., United States Navy, Boston, Mass. Standing wave recorder. 2,579,464, Dec. 25.
Bergen, George W., Belmar, N. J. Vertical axis roundabout. 2,546,917, Mar. 27.
Bergen, Lionel R., Iola, Wis. Wheel mounting arrangement for vehicles. 2,544,521, Mar. 6.
Bergen, Richard S.: *See*—
Sealander, Bertram E., and Bergen.
Bergen, Richard S., Westbury, N. Y., and B. E. Sealander, Jersey City, N. J., assignors to Republic Aviation Corporation, Farmingdale, N. Y. Electronic signaling system. 2,573,175, Oct. 30.
Berger Brothers Company, The, assignee: *See*—
Versoy, Irving R., and Munger.
Berger, Carl F., and J. E. Crahan, Syracuse, N. Y. Mitten. 2,540,234, Feb. 6.
Berger, Carl G., Cincinnati, Ohio. Container with display panel. 2,544,975, Mar. 13.
Berger, Carl R., Jr., assignor to Selas Corporation of America, Philadelphia, Pa. Heat-treating furnace. 2,540,806, Feb. 6.
Berger, Emil J., and H. K. West, assignors to Dexdale Hosiery Mills, Lansdale, Pa. Drive mechanism for knitting machines. 2,540,645, Feb. 6.

Berger, Emil J., and H. K. West, assignors to Dexdale Hosiery Mills, Lansdale, Pa. Welt bar actuating mechanism for straight knitting machines. 2,554,655, May 29.
Berger, Emil J., and H. K. West, assignors to Dexdale Hosiery Mills, Lansdale, Pa. Straight knitting machine. 2,554,656, May 29.
Berger, Ernest, Detroit, Mich., assignor to Chicago Pneumatic Tool Company, New York, N. Y. Control element for plural hydraulic motor systems. 2,572,974, Oct. 30.
Berger, Ferdinand P., Collingdale, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Air inlet opening arrangement for combustion chambers. 2,543,755, Mar. 6.
Berger, France B., Watertown, and F. F. Slack, Medford, Mass., assignors, by mesne assignments, to the United States of America as represented by the Secretary of War. Radio antenna scanning and azimuth marking means. 2,572,975, Oct. 30.
Berger, François C. M., Paris, France, assignor to International Standard Electric Corporation, New York, N. Y. High-frequency traffic system over power supply lines. 2,577,731, Dec. 11.
Berger, George, New York, assignor to Arrow Fastener Co., Inc., Brooklyn, N. Y. Stapling machine. 2,537,438, Jan. 9.
Berger, Harry, assignor to Kaylon Incorporated, New York, N. Y. Garment. 2,536,121, Jan. 2.
Berger, Hays L., assignor to V. M. Berger, Washington, D. C. Device for scaring birds. 2,575,252, Nov. 13.
Berger, Hays L., assignor to V. M. Berger, Washington, D. C. Bird scaring device. 2,576,209, Nov. 27.
Berger, Jack, Laurelton, assignor to Diesel Oil Burner Corp. of New York, Jamaica, N. Y. Boiler with adjacent interconnected separately fired boiler. 2,572,100, Oct. 23.
Berger, John L., Columbia, assignor to Armstrong Cork Company, Lancaster, Pa. Method and apparatus for making floor and wall coverings. 2,557,068, June 19.
Berger, John N., Pittsburgh, Pa. Plate stacking and unstacking machine. 2,561,723, July 24.
Berger, Leo: *See*—
Lee, John, and Berger.
Berger, Martin, Brooklyn, N. Y. Multicombination lock device. 2,549,882, Apr. 24.
Berger, Meyers M., Youngstown, Ohio. Garment presser. 2,560,920, July 17.
Berger, Meyers M., Youngstown, Ohio, assignor to United States Hoffman Machinery Corporation, New York, N. Y. Control device for hydraulic presses. 2,570,092, Oct. 2.
Berger, Samuel I., Newark, N. J. Type wheel inking mechanism for toy typewriters. 2,536,714, Jan. 2.
Berger, Samuel I., Newark, N. J. Toy typewriter. 2,536,715, Jan. 2.
Berger, Samuel I., Newark, N. J. Third-rail connector and contact shoe unit for toy electric railways. 2,543,091, Feb. 27.
Berger, Samuel I., Newark, N. J. Toy typewriter. 2,557,592, June 19.
Berger, Samuel I., Newark, N. J. Toy typewriter. 2,569,145, Sept. 25.
Berger, Samuel I., Newark, N. J. Toy machine gun. 2,574,952, Nov. 13.
Berger, Samuel I. Newark, N. J. Selector binder. 2,575,482, Nov. 20.
Berger, Veleita M., assignee: *See*—
Berger, Hays L.
Bergeron, Earl J., Houston, Tex. Incinerator positioned above a hole in the earth. 2,543,756, Mar. 6.
Bergesen, Juneus, Staten Island, N. Y. Pump valve unit. 2,553,352, May 15.
Bergevin, Bernie B., Long Beach, Calif. Bookrack. 2,576,993, Dec. 4.
Bergey, Stanley L., Hempstead, and J. A. Nottingham, Garden City, N. Y., assignors to The Sperry Corporation. Antenna apparatus. 2,544,648, Mar. 13.
Bergfors, Carl A., Yonkers, assignor to International Business Machines Corporation, New York, N. Y. Decade counter. 2,540,024, Jan. 30.
Bergfors, Carl A., Yonkers, assignor to International Business Machines Corporation, New York, N. Y. Neutralized trigger circuit. 2,540,025, Jan. 30.
Bergfors, Carl A., Yonkers, assignor to International Business Machines Corporation, New York, N. Y. High-speed binary decade counter. 2,547,434, Apr. 3.
Bergfors, Carl A., Yonkers, assignor to International Business Machines Corporation, New York, N. Y. Binary-decade counter. 2,566,918, Sept. 4.
Berggren, Lloyd E., Roseland, and W. C. Schaffer, Fair Lawn, N. J., assignors to Wright Aeronautical Corporation. Annular combustion chamber with circumferentially spaced double air-swirl burners. 2,560,207, July 10.
Berggren, Lloyd E., Verona, H. E. Gille, Jersey City, and W. F. Smith, Irvington, N. J., assignors to Wright Aeronautical Corporation. Air assisted fuel nozzle. 2,566,788, Sept. 4.
Berggren, Per J., Ridgefield, Conn. Microfilm projector. 2,569,918, Oct. 2.
Bergh, Roland C., Cedarhurst, and J. S. Martin, Huntington Station, assignors to Republic Aviation Corporation, Farmingdale, N. Y. Nut. 2,556,672, June 12.
Bergin, Frank S., administrator: *See*—
Horan, Timothy F.
Bergin, Martha J.: *See*—
Keilholtz, Gerald W., and Bergin.
Berglund, Enoch S., Stillwater, Minn. Gate opener. 2,579,463, Dec. 25.
Berglund, Harold R., assignor to Denver Wood Products Co., Denver, Colo. Article suspending support. 2,537,957, Jan. 16.
Berglund, Lawrence W.: *See*—
Callaghan, Robert W., and Berglund.
Berglund, Orion W.: *See*—
Koester, John P., Purdy, and Berglund.
Berglund, Orion W., Dayton, assignor to The Orr & Blanket Company, Piqua, Ohio. Multiple impregnation of papermaker's felt. 2,567,097, Sept. 4.
Berglund, Orion W., assignor to The Commonwealth Engineering Company of Ohio, Dayton, Ohio. Apparatus for making flock covered paper. 2,576,276, Nov. 27.
Bergman, Bernard F., Vincenes, Ind. Programming device. 2,540,605, Feb. 6.
Bergman, Carl R., Minocqua, Wis. Minnow trap. 2,551,236, May 1.
Bergman, Donald J., Kenilworth, assignor to Universal Oil Products Company, Chicago, Ill. Exhaust gas silencer and pressure reducer with plural valved outlets. 2,545,682, Mar. 20.
Bergman, Ed, assignor to Kiddie Seat Corporation, New York, N. Y. Detachable connection for child's toilet seat. 2,556,252, June 12.
Bergman, Gustav A., Danderyd, Sweden. Housing means for rock drilling machines. 2,575,859, Nov. 20.
Bergman, Leo O., Coloma, Mich. Folding boat. 2,549,412, Apr. 17.
Bergman, Raymond D., Long Beach, Calif. Surveying target. 2,579,644, Dec. 25.
Bergman, Sam, New Orleans, La. Dispensing machine. 2,560,327, July 10.
Bergman, Stephen A., Mission, Kans., assignor to Panhandle Eastern Pipe Line Company, Kansas City, Mo. Pipe laying cradle. 2,559,703, July 10.
Bergman, William E., Bartlesville, Okla., assignor to Phillips Petroleum Company. Low-viscosity drilling muds. 2,555,265, May 29.
Bergmann, Andrew, Cheektowaga, N. Y. Arc lamp and the like. 2,569,917, Oct. 2.
Bergmann, Ernst, assignor to Polymerisable Products Limited, London County, England. Tri-substituted glycols and making same. 2,539,806, Jan. 30.
Bergmann, Ernst, London, assignor to Polymerisable Products Limited, London County, England. Solvent extraction of butanolones from water. 2,560,921, July 17.
Bergmann, Ernst, London, assignor to Polymerisable Products Limited, London County, England. Cyclohexene carboxylic acid esters and preparing same. 2,563,206, Aug. 7.
Bergmans, Jan, and C. A. Lamberts, Eindhoven, Netherlands, assignors, by mesne assignments, to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Searchlight having a linear source of light and two parabolic reflectors. 2,540,417, Feb. 6.
Bergmans, Jan, and D. Vermeulen, Eindhoven, Netherlands, assignors to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Searchlight. 2,576,875, Nov. 27.
Bergmans, Jan, and W. Honing, Eindhoven, Netherlands, assignors, by mesne assignments, to Hartford National Bank and Trust Company, as trustee. Optical lamp with centering means. 2,553,434, May 15.
Bergmans, Jan, and W. L. Vervest, Eindhoven, Netherlands, assignors, by mesne assignments, to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Vehicle lamp with an optical system for uniform road lighting. 2,578,962, Dec. 18.
Bergö-Heineman, Anna M., assignor to Aktiebolaget Svenska Elektronror, Stockholm, Sweden. Coating electrical contact pins. 2,560,151, July 10.
Bergom, Karl B., Honefoss, Norway. Steam-generating stove for steam bathrooms. 2,575,860, Nov. 20.
Bergquist, Nils O., Appelviken, near Stockholm, Sweden. Time computing machine. 2,573,385, Oct. 30.
Bergsland, Einar, Oslo, Norway. Carrying frame for rucksacks. 2,560,406, July 10.
Bergsman, Enar B., Munkfors, Sweden. Micro-hardness tester. 2,564,519, Aug. 14.
Bergson, Maria, New York, N. Y. Typewriter desk. 2,545,253, Mar. 13.
Bergstein, Frank D., trustee, assignee: *See*—
Bergstein, Robert M.
Bergstein, Samuel.
Bergstein, Frank D., Cincinnati, Ohio. Sealed carton and method. 2,543,757, Mar. 6.
Bergstein, Frank D., Cincinnati, Ohio. Liquidtight carton and method. 2,549,048, Apr. 17.
Bergstein, Frank D., Wyoming, Ohio. Box with overlapped end walls. 2,572,239, Oct. 23.
Bergstein, Robert M., trustee, assignee: *See*—
Bergstein, Samuel.
Bergstein, Robert M., Cincinnati, Ohio, assignor to R. M. and F. D. Bergstein, trustees. Knocked down or folding structures made from acetate sheeting or the like. 2,551,090, May 1.

Bergstein, Robert M., Cincinnati, Ohio. Formation of articulated containers. 2,565,944, Aug. 28.
Bergstein, Robert M., Wyoming, Ohio. Partitioned carton. 2,545,803, Mar. 20.
Bergstein, Samuel, Cincinnati, Ohio, assignor to R. M. and F. D. Bergstein, trustees. Producing bags with opening means. 2,536,529, Jan. 2.
Bergstein, Samuel, Cincinnati, Ohio, assignor to R. M. and F. D. Bergstein, trustees. Overlapped-end box. 2,536,530, Jan. 2.
Bergstein, Samuel, Cincinnati, Ohio, assignor to R. M. and F. D. Bergstein, trustees. Making bags. 2,536,675, Jan. 2.
Bergstein, Samuel, Cincinnati, Ohio, assignor to R. M. and F. D. Bergstein, trustees. Hinged lid automatic box. 2,545,802, Mar. 20.
Bergstein, Samuel, Cincinnati, Ohio. Securing the effects of end dipping in gas-tight flexible wall packages. 2,548,251, Apr. 10.
Bergstein, Samuel, Cincinnati, Ohio. Box with attached handles. 2,548,252, Apr. 10.
Bergstein, Samuel, Cincinnati, Ohio. Machine for covering knocked down cartons. 2,553,740, May 22.
Bergstein, Samuel, Cincinnati, Ohio. Mechanism and method for making boxes with attached handles and the like. 2,554,004, May 22.
Bergstein, Samuel, Cincinnati, Ohio. Egg container and making it. 2,571,408, Oct. 16.
Bergstrom, Carl P., Millbury, assignor to Crompton & Knowles Loom Works, Worcester, Mass. Warp beam for looms. 2,554,891, May 29.
Bergstrom, Carl P., Millbury, assignor to Crompton & Knowles Loom Works, Worcester, Mass. Positioning means for pneumatic thread removers. 2,568,606, Sept. 18.
Bergstrom, Carl P., Millbury, assignor to Crompton & Knowles Loom Works, Worcester, Mass. Reed adjustment for looms. 2,569,880, Oct. 2.
Bergstrom, Carl P., Millbury, and R. S. Schedin, assignors to Crompton & Knowles Loom Works, Worcester, Mass. Warp beam for looms. 2,563,001, Aug. 7.
Bergstrom, Carl P., Millbury, and B. W. Brouwer, Auburn, assignors to Crompton & Knowles Loom Works, Worcester, Mass. Pneumatic thread collector system for weft replenishing looms. 2,567,540, Sept. 11.
Bergstrom, Carl P., Millbury, and A. Palmer, assignors to Crompton & Knowles Loom Works, Worcester, Mass. Picking shoe for looms. 2,580,152, Dec. 25.
Bergstrom, Carl V., Santa Monica, Calif. Window blind. 2,548,512, Apr. 10.
Bergstrom, Eric V., Short Hills, N. J., assignor to Socony-Vacuum Oil Company, Incorporated. Method and apparatus for hydrocarbon conversion. 2,546,625, Mar. 27.
Bergstrom, Eric V., Short Hills, N. J., assignor to Socony-Vacuum Oil Company, Incorporated. Fluidized catalytic cracking system with rotating disk slide valve. 2,547,900, Apr. 3.
Bergstrom, Eric V., Short Hills, N. J., assignor to Socony-Vacuum Oil Company, Incorporated. Method and apparatus for hydrocarbon conversion. 2,548,285, Apr. 10.
Bergstrom, Eric V., Short Hills, N. J., assignor to Socony-Vacuum Oil Company, Incorporated. Method and apparatus for conducting hydrocarbon conversion reactions. 2,548,286, Apr. 10.
Bergstrom, Eric V., Short Hills, N. J., assignor to Socony-Vacuum Oil Company, Incorporated. Method and apparatus for hydrocarbon conversion. 2,556,514, June 12.
Bergstrom, Eric V., Short Hills, and G. J. Visconty, Clarksboro, N. J., assignors to Socony-Vacuum Oil Company, Incorporated. Continuous contact filtration. 2,572,433, Oct. 23.
Bergstrom, Herman A.: *See*—
Von Glahn, William H., and Bergstrom.
Bergström, Knut E., Stockholm, Sweden. Clamp. 2,571,659, Oct. 16.
Bergstrom, Myron: *See*—
Collins, De Estin, and Bergstrom.
Bergstrom, Roland F., and J. M. Plantfebar, Martinez, assignors to Shell Development Company, San Francisco, Calif. Lubricant. 2,580,274, Dec. 25.
Bergvall, Knut L., and E. E. Dahlberg, Stockholm, Sweden. Box beam construction for floors. 2,579,446, Dec. 18.
Bergvall, Royal C., Wilkinsburg, and E. L. Harder, Pittsburgh, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Directional and overcurrent electrical relay. 2,561,967, July 24.
Beria, Antonio, Turin, Italy. Winding spindle. 2,537,506, Jan. 9.
Berindei, Matei: *See*—
Nemet, Anthony, and Berindei.
Beringer, Edward R., Cambridge, Mass., assignor, by mesne assignments, to the United States of America as represented by the Secretary of the Navy. Ionization gauge. 2,576,330, Nov. 27.
Beringer, Sarah M., Dayton, Ohio. Brooder. 2,562,691, July 31.
Berington, Hubert P.: *See*—
Stebelton, Lloyd, E. W., and Berington.
Berke, John A., Dallas, Tex. Device for fueling large aircraft. 2,578,036, Dec. 11.
Berker, Ralph C., Hoxsie, R. I. Drawing frame. 2,567,467, Sept. 11.
Berkey, Donald C., Scotia, and N. E. Starkey, Schenectady, N. Y., assignors to General Electric Company. Rate of change and maximum limit device for pressure fluid servomotor regulating systems. 2,541,805, Feb. 13.
Berkey, Harry L., assignor to Landis Machine Company, Waynesboro, Pa. Machine tool for taper threadings. 2,557,069, June 19.
Berkley, Warren D.: *See*—
Stuart, Joseph III, and Berkley.
Berkley, Warren D., Dayton, Ohio, assignor to H-P-M Development Corporation, Wilmington, Del. Fluid operable apparatus. 2,540,235, Feb. 6.
Berkline Corporation, The, assignee: *See*—
Belisle, Adelard J.
Berkman, Boris S.: *See*—
Berkman, Sophia S. and B. S.
Berkman, Sophia S. and B. S., Chicago, Ill. Extracting pigments from plants. 2,567,362, Sept. 11.
Berkoben, Charles W., Irwin, and R. J. Bush, Greensburg, Pa., assignors to Westinghouse Air Brake Company. Inertia operated control device. 2,573,386, Oct. 30.
Berkowitz, Harry, assignor of one-half to E. Neufeld, New York, N. Y. Carrier for perfumed or other odoriferous material. 2,560,681, July 17.
Berkroy Products, Inc., assignee: *See*—
Berkson, Richard L.
Berkson, Maurice J., Highland Park, assignor to Columbia Fastener Company, Chicago, Ill. Packaging folder for snap fasteners. 2,560,520, July 10.
Berkson, Morris J., assignee: *See*—
Rosen, Samuel.
Berkson, Richard L., Encino, assignore to Berkroy Products, Inc., Burbank, Calif. Sheet metal brake. 2,564,459, Aug. 14.
Berl, Ernst, deceased, by W. G. Berl, executor, Pittsburgh, Pa. Extracting oil from the earth. Re. 23,360, Apr. 24.
Berl, Ernst, deceased, Pittsburgh, Pa.; W. G. Berl, executor of said E. Berl. Production of valuable organic compounds from plant material. 2,551,579, May 8.
Berl, Ernst, deceased, Pittsburgh, Pa., by W. G. Berl, executor, Pittsburgh, Pa. Storage of liquid fuels. 2,560,152, July 10.
Berl, Ernst, deceased, Pittsburgh, Pa., by W. G. Berl, executor. Making activated carbon. 2,567,468, Sept. 11.
Berl, Leo, assignor to Tennessee Products and Chemical Corporation, Chattanooga, Tenn. Photochemical formation of benzene hexachloride. 2,572,002, Oct. 23.
Berl, Walter G., executor: *See*—
Berl, Ernst.
Berlant Associates, assignee: *See*—
Berlant, Emmanuel.
Berlant, Emmanuel: *See*—
King, Rollin W., and Berlant.
Berlant, Emmanuel, Culver City, assignor to Berlant Associates, Los Angeles, Calif. Microfilm camera. 2,578,037, Dec. 11.
Berlekamp, Kenneth, Fremont, Ohio. License plate reinforcement sign. 2,579,537, Dec. 25.
Berlenbach, Bernard E.: *See*—
Brooke, Lloyd F., Cull, and Berlenbach.
Berlien, Paul B., Fort Wayne, Ind., assignor to General Electric Company. Twist drill. 2,576,664, Nov. 27.
Berlin, Juan: *See*—
Djerassi, Carl, Rosenkranz, and Berlin.
Berliner, Abraham, Brooklyn, assignor to Gollobin Dental Co., Inc., New York, N. Y. Dental instrument construction. 2,552,134, May 8.
Berliner, Abraham, Brooklyn, assignor to Gollobin Dental Co., Inc., New York, N. Y. Dental instrument construction. 2,569,844, Oct. 2.
Berliner, Henry A., Washington, D. C. Variable area tail pipe for jet engines. 2,546,293, Mar. 27.
Berlingter, Bernard E., Elkins Park, assignor to Quaker City Gear Works, Inc., Philadelphia, Pa. Fishing reel. 2,573,240, Oct. 30.
Berlyn, Martin J., Enfield, Conn. Valve means for internal-combustion engines. 2,573,301, Oct. 30.
Berman, Elsie L.: *See*—
Berman, Jean S., E. L., and O. A.
Berman, Elsie L. and O. A., New York, N. Y. Detachable safety pocket flap. 2,546,084, Mar. 20.
Berman, Frank E., assignee: *See*—
Olyott, Ernest.
Berman, Gustave S., New York, N. Y. Sun and storm shield. 2,576,918, Dec. 4.
Berman, Jean S., E. L., and O. A., New York, N. Y. Pad for curling rods. 2,564,558, Aug. 14.
Berman, Joseph E.: *See*—
Toulmin, Harry A., Jr., and Berman.
Berman, Oscar A.: *See*—
Berman, Elsie L. and O. A.
Berman, Jean S., E. L., and O. A.
Berman, Oscar A., New York, N. Y. Foldable carton. 2,543,275, Feb. 27.
Berman, Oscar A., New York, N. Y. Expandible adhesive material. 2,555,564, June 5.
Berman, Samuel, assignor to Waugh Equipment Company, New York, N. Y. Overload control circuit. 2,537,958, Jan. 16.

Berman, Samuel, assignor to Waugh Equipment Company, New York, N. Y. Magnetic-type object detector. 2,549,567, Apr. 17.
Bernard, Arthur A., Chicago, Ill. Arc welding torch and electrode. 2,554,236, May 22.
Bernard, Geoffrey G., London, assignor to Scophony Limited, Wembley, England. Cathode-ray tube modulation circuits for television receivers. 2,540,646, Feb. 6.
Bernard, George G., and M. Savoy, assignors to The Pure Oil Company, Chicago, Ill. Studying earth formations employing carbon disulfide as a tracer. 2,578,500, Dec. 11.
Bernard, Harold A., Gloversville, assignor to G. Levor & Co., Inc., New York, N. Y. Apparatus for facing leather or the like. 2,558,811, July 3.
Bernard, Joseph P., Scobey, Mont., assignor to D. C. Murphy, Sauk Centre, Minn. Conveyer hoist. 2,550,904, May 1.
Bernard, Lorn T., Grand Rapids, Mich. Pump jack. 2,573,948, Nov. 6.
Bernard, Mildred B., East Orange, N. J. Manicuring device. 2,541,459, Feb. 13.
Bernard, William B., Portsmouth, N. H. Tube protection circuit. 2,572,832, Oct. 30.
Bernat, Henri: *See*—
Bernat, Raoul and H.
Bernat, Raoul and H., Bordeaux, France. Refrigerating machine of the combined compression-absorption type. 2,548,699, Apr. 10.
Bernay Agency Inc., assignee: *See*—
Austlid, Olav.
Bernbaum, Betty K., New York, N. Y. Combination mop and dust bag. 2,562,230, July 31.
Berndsen, William E., Cleveland, Ohio. Adjustable flow fountain type washer device. 2,577,872, Dec. 11.
Berndtson, John O.: *See*—
Nabstedt, Arthur T., and Berndtson.
Berner, Erling, assignor to Isoleringsaktiebolaget WMB, Goteborg, Sweden. Insulated wall and room. 2,560,269, July 10.
Bernet, Edwin J., Washington, D. C. Antenna. 2,558,727, July 3.
Bernet, Edwin J., and E. C. Hutter, Charlottesville, Va., assignors to Institute of Textile Technology. Uniformity meter. 2,576,772, Nov. 27.
Bernhard, Rudolf K., Trenton, N. J. Testing apparatus. 2,542,227, Feb. 20.
Bernhardt, David F., Jamaica, N. Y. Electroautomatic laundering machine. 2,538,290, Jan. 16.
Bernhardt, Ella H., New York, N. Y. Breast form. 2,542,619, Feb. 20.
Bernhardt, Paul A., Milwaukee, Wis. Hinge. 2,566,872, Sept. 4.
Bernhardt, Rudolph, Chicago, Ill. Dispensing closure top for servers or pitchers. 2,544,062, Mar. 6.
Bernheim, Daniel P., and W. A. Gunning, assignors to American Optical Company, Southbridge, Mass. Surfacing machine. 2,548,418, Apr. 10.
Bernier, Jean: *See*—
Warnecke, Robert, and Bernier.
Bernier, Jean, Paris, France, assignor to Compagnie Generale de Telegraphie Sans Fil. Velocity modulation electron discharge device of high power. 2,539,985, Jan. 30.
Bernik, Frank, Mount Vernon, Wash. Make-up galley. 2,577,672, Dec. 4.
Berninger, Kenneth L.: *See*—
Newman, John S., and Berninger.
Bernini, Giuseppe: *See*—
Butturini, Luigi, and Bernini.
Bernreuter, Herbert A.: *See*—
Simpson, Ray, and Bernreuter.
Berns, Mel: *See*—
Satz, Frank, Berns, and Sontag.
Bernstein, Ethel, assignee: *See*—
Bernstein, Lillian.
Bernstein, Harry, Elizabeth, N. J. Emergency road signal. 2,557,859, June 19.
Bernstein, Henry E., U. S. Navy. Radio ranging and craft identification system. 2,541,982, Feb. 20.
Bernstein, Jack: *See*—
Dutcher, James D., Bernstein and Dexter.
Lott, William A., Bernstein, and Heuser.
Bernstein, Jack, New Brunswick, N. J., assignor to E. R. Squibb & Sons, New York, N. Y. 6-cyclopropyl-2-thiouracil and preparing same. 2,538,960, Jan. 23.
Bernstein, Lillian, Brighton, assignor of one-half to W. L. Stoddard, Wayland, and one-half to E. Bernstein, Brighton, Mass. Antislip pad. 2,561,777, July 24.
Bernstein, Nahum A., assignee: *See*—
Zepelovitch, Nathan.
Bernstein, Ossip S., assignor of one-half to A. F. Arams, New York, N. Y. Clip for pens and pencils. 2,568,907, Sept. 25.
Bernstein, Robert, Omaha, Nebr. Mounting for double drop trailer tanks. 2,558,168, June 26.
Bernstein, Robert G., Levittown, assignor to Ruby-Philite Corp., Queens County, N. Y. Fixture support. 2,559,241, July 3.
Bernstein, Ruhin, Philadelphia, Pa. Detergent testing machine. 2,568,707, Sept. 25.
Bernstein, Seymour, and K. J. Sax, Pearl River, assignors to American Cyanamid Company, New York, N. Y. Δ5,7-androstadienolones and process. 2,571,330, Oct. 16.
Bernstein, Seymour, and K. J. Sax, Pearl River, assignors to American Cyanamid Company, New York, N. Y. Cholesteryl amines and preparing the same. 2,577,226, Dec. 4.
Bernstrom, Clarence R., East Greenwich, R. I. Water heater. 2,566,976, Sept. 4.
Berrar, Karl L., San Jose, Calif., assignor to Food Machinery and Chemical Corporation. Protective liner for can impellers. 2,567,096, Sept. 4.
Berringer, Robert E., Bloomfield, N. J., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Impregnating composition for insulating materials. 2,572,906, Oct. 30.
Berry Bros. Machinery and Repair Works, assignee: *See*—
Berry, Sherman E.
Berry, Clifford E., assignor to Consolidated Engineering Corporation, Pasadena, Calif. Mass spectrometer. 2,537,025, Jan. 9.
Berry, Clifford E., assignor to Consolidated Engineering Corporation, Pasadena, Calif. Mass spectrometer. 2,548,859, Apr. 17.
Berry, Clifford E., assignor to Consolidated Engineering Corporation, Pasadena, Calif. Linear simultaneous equation solver. 2,557,070, June 19.
Berry, Elizabeth F., executrix: *See*—
Fisher, Charles B.
Fisher, Gertrude F.
Berry, Frank, assignor to Berry Motors, Inc., Corinth, Miss. Fluid power device. 2,536,486, Jan. 2.
Berry, Frank, assignor to Berry Motors, Inc., Corinth, Miss. Fluid compressor and the like. 2,545,600, Mar. 20.
Berry, Frank, assignor to Berry Motors, Inc., Corinth, Miss. Fluid motor of the rotary abutment type. 2,548,339, Apr. 10.
Berry, George W., Modesto, Calif. Milking system. 2,564,620, Aug. 14.
Berry, Glenn, assignee: *See*—
Svendsen, Sidney O.
Berry, James H. and M. F., Eureka, Calif. Hat. 2,578,219, Dec. 11.
Berry, Kenneth L., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Aqueous colloidal dispersions of polytetrafluoroethylene and the formation of shaped structures therefrom. 2,559,750, July 10.
Berry, Kenneth L., Hockessin, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Polyfluoroalkanoic compounds and their preparation. 2,559,629, July 10.
Berry, Kenneth L., Hockessin, assignor to E. I. du Pont de Memours and Company, Wilmington, Del. Aqueous colloidal dispersions of polymers. 2,559,752, July 10.
Berry, Kenneth L., Hockessin, and J. A. Bittles, Jr., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Fluoroalkylsulfuric compounds. 2,559,751, July 10.
Berry, Laden S., Plainview, Tex. Ditching and terracing attachment for tractors. 2,548,139, Apr. 10.
Berry, Marguerite F.: *See*—
Berry, James H. and M. F.
Berry Motors, Inc., assignee: *See*—
Berry, Frank.
Berry, Norman F., assignor to Colonial Radio Corporation, Buffalo, N. Y. Radio-phonograph combination. 2,536,123, Jan 2.
Berry, Norton E., Newburgh, Ind., assignor to Servel, Inc., New York, N. Y. Air conditioning. 2,546,382, Mar. 27.
Berry, Norton E., Newburgh, Ind., assignor to Servel, Inc., New York, N. Y. Absorption refrigeration. 2,563,574, Aug. 7.
Berry, Norton E., Newburg, Ind., assignor to Servel, Inc., New York, N. Y. Absorption refrigeration. 2,563,575, Aug. 7.
Berry, Robert I., Chicago, assignor of one-half to Jewel Tea Co., Inc., Barrington, Ill. Lighting fixture for elongated tubular lamps. 2,570,910, Oct. 9.
Berry, Roger W., Princeton, Ill. Combined container and straw. 2,547,362, Apr. 3.
Berry, Sherman E., assignor to Berry Bros. Machinery and Repair Works, Dallas, Tex. Screw conveyer ditching machine. 2,545,016, Mar. 13.
Berry, Theodore M., Schenectady, N. Y., assignor to General Electric Company. Center of gravity indicator. 2,540,807, Feb. 6.
Berry, Theodore R., West Orange, N. J. Mechanical boxer toy. 2,538,744, Jan. 23.
Berry, Verne H.: *See*—
Briscoe, William F. R., and Berry.
Berry, William R.: *See*—
McNeary, Samuel S., and Berry.
Bersche, Fridolin E., Waterloo, assignor of forty-nine per cent to R. L. Jacobs, Jacksonville, Ill. Jeweler's vice. 2,571,189, Oct. 16.
Bersworth, Frederick C., Verona, N. J. Caustic alkali composition of matter and its use as a polyvalent metal precipitation inhibitor. 2,544,649, Mar. 13.
Bersworth, Frederick C., Verona, N. J. Purifying ethylene diamine di-acetic acid. 2,558,923, July 3.

Bersworth, Frederick C., Verona, N. J. Poly-ethylene poly-amino acid compounds. 2,564,092, Aug. 14.
Bert, Daniel C., Monroe, Mich. Humidifier system for air-heating furnaces. 2,577,302, Dec. 4.
Bert, Samuel, Dallas, Tex. Ice scraper. 2,558,335, June 26.
Berta, Joseph, Fairfield, assignor to Casco Products Corporation, Bridgeport, Conn. Hand power tool. 2,576,063, Nov. 20.
Bertea, Alex, deceased, Pasadena, by H. D. McKay, executor, Puente, Calif. Mechanically operated check valve. 2,568 982, Sept. 25.
Bertein, Francois, Paris, France, assignor to Compagnie Generale de Telegraphie Sans Fil. Electronic microscope. 2,547,994, Apr. 10.
Bertele, Ludwig, Heerbrugg, Switzerland. Wide-angle eyepiece lens system. 2,549,158, Apr. 17.
Bertele, Ludwig, assignor to Henry Wild Surveying Instruments Supply Co. Ltd., Heerbrugg, Switzerland. Highly corrected photographic objective having four axially air spaced components. 2,549,159, Apr. 17.
Bertele, Ludwig, Heerbrugg, Switzerland. Three-component objective lens system. 2,562,012, July 24.
Bertelsen, Svend I., Shrewsbury, Mass., assignor to Wright Aeronautical Corporation. Securing members with a predetermined torque by a composite cap screw. 2,544,522, Mar. 6.
Berthel, Gust A., Chicago, assignor to Jefferson Electric Company, Bellwood, Ill. Thermal time lag fuse. 2,563,812, Aug. 14.
Berthelot, Jean, Paris assignor, by mesne assignments, to Societe Maxicalor, Bezons, (S. O.), France. Feeding screw for pulverulent or granular material. 2,569,039, Sept. 25.
Berthene, Hugo, assignor to J. Berthene, Brooklyn, N. Y. Device for retaining doors ajar. 2,565,906, Aug. 28.
Berthene, Hugo, Brooklyn, N. Y. Parachute dropping kite. 2,575,157, Nov. 13.
Berthene, Jane, assignee: *See*—
Berthene, Hugo.
Berthier, André, Paris, R. Dumas, Boigneville, and A. Marx, Cannes, France. Trichromatic selective optical light dividing device. 2,542,228, Feb. 20.
Berthiez, Charles W., Paris, France. Oil recuperator for machine slideways. 2,539,769, Jan. 30.
Berthiez, Charles W., Paris, France. Manually operated control switch for machine tools or the like. 2,545,837, Mar. 20.
Berthiez, Charles W., Paris, France. Machine tool for the machining of large annular workpieces. 2,545,838, Mar. 20.
Berthiez, Charles W., Paris, France. Device for locking machine slides. 2,551,237, May 1.
Bertin, Jean H., and R. H. Marchal, assignors to Societe Nationale d'Etude et de Construction de Moteurs d'Aviation, Paris, France. Apparatus for transfer of fluids. 2,565,907, Aug. 28.
Bertino, Fred, Flushing, N. Y. Pop-down toaster. 2,552,135, May 8.
Bertino, Louis R., Sidney, Mont. Jaws for welder's bench tongs. 2,565,750, Aug. 28.
Bertoli, Ezio: *See*—
Radaelli, Ugo, and Bertoli.
Bertolino, Gasper A.: *See*—
Murphy, William P.
Bertolus, Marcel M., Paris, France. Industrial process for extracting rhenium. 2,579,107, Dec. 18.
Bertorelli, Orlando L., and I. Williams, assignors to J. M. Huber Corporation, Borger, Tex. Preparation of mullite. 2,536,122, Jan. 2.
Bertram, Simon H.: *See*—
Dobbelman, Petrus B. H. M., and Bertram.
Bertram, Simon H., The Hague, assignor to F. A. Moller, Haren, Netherlands. Emulsifying agent, making said emulsifying agent and water-in-oil emulsion using said emulsifying agent. 2,552,706, May 15.
Bertrand, Frederic E., Lynn, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Machine for use in making insoles. 2,573,683, Nov. 6.
Bertrand, Joseph V., Brooklyn, assignor to Hydropress, Incorporated, New York, N. Y. Injection molding machine. 2,537,182, Jan. 9.
Bertrand, Joseph V., Brooklyn, N. Y., and G. S. Shaw, Greenwich, Conn., assignors to Hydropress, Incorporated, New York, N. Y. High-frequency dielectric heating. 2,569,919, Oct. 2.
Beryllium Corporation, The, assignee: *See*—
Kawecki, Henry C., and Bielecki.
Besag, Arnold, East Malvern, and J. S. Moss, Spotswood, Victoria, Australia. Fruit pitting machine. 2,565,165, Aug. 21.
Besag, Ernst, and W. E. Hill, Streetly, and T. D. G. Wintle, assignors to J. A. Crabtree & Co. Limited, Walsall, England. Electromagnetically operated switch. 2,565,467, Aug. 28.
Besag, Ernst, and W. E. Hill, Streetly, and T. D. G. Wintle, assignors to J. A. Crabtree & Co. Limited, Walsall, England. Automatic circuit breaker and similar electrical switchgear. 2,565,468, Aug. 28.
Besag, Ernst, and W. E. Hill, Streetly, and T. D. G. Wintle, assignors to J. A. Crabtree & Co. Limited, Walsall, England. Contact mechanism for automatic circuit breakers and similar electrical switchgear. 2,569,281, Sept. 25.
Bescher, Ralph H., Orrville, Ohio, assignor to Koppers Company, Inc., Pittsburgh, Pa. Wood preservation. 2,545,222, Mar. 13.
Beseler, Charles, Company, assignee: *See*—
Field, Philip M.
Besemer, Arthur M.: *See*—
Sharp, Paul F., Peebles, Hawk, and Besemer.
Besner, Max, Montreal, Quebec, Canada. Two-part strap cutting tool. 2,536,023, Jan. 2.
Bess, Archie I.: *See*—
Bess, Roland T. and A. I.
Bess, James V., Leavenworth, Wash. Small tool sterilizer. 2,549,160, Apr. 17.
Bess, Leon, Boston, Mass., assignor, by mesne assignments, to the United States of America as represented by the Secretary of the Navy. Coincidence circuit. 2,538,500, Jan. 16.
Bess, Leon, Boston, Mass., assignor, by mesne assignments, to the United States of America as represented by the Secretary of War. Pulse discrimination circuit responsive to double sets of pulses. 2,580,213, Dec. 25.
Bess, Leon, Kansas City, Mo., assignor, by mesne assignments, to the United States of America as represented by the Secretary of War. Video amplifier circuit. 2,543,431, Feb. 27.
Bess, Roland T. and A. I., Salt Lake City, Utah. Broach. 2,574,953, Nov. 13.
Besse, Arthur L., Jr., Lexington, assignor to Dewey and Almy Chemical Company, North Cambridge, Mass. Plasticizing vinylidene chloride polymers. 2,555,284, May 29.
Besselman, Wayne L., Philadelphia, and R. L. Davis, II, Merwood, assignors to Leeds and Northrup Company, Philadelphia, Pa. Control of constituent potentials. 2,541,857, Feb. 13.
Besser, Charles S., Charlotte, N. C. Circulating hot-air furnace. 2,564,775, Aug. 21.
Besser Manufacturing Co., assignee: *See*—
Zevely, Thomas K.
Bessey, Carlton E., Red Bank, N. J. High-frequency oscillatory apparatus. 2,541,739, Feb. 13.
Bessierè, Pierre E., Paris, and L. E. Ponsy, Clichy, assignors to Society "Silto," S. A., Paris, France. Heating device of the hot-air type. 2,549,362, Apr. 17.
Bessierè, Pierre E., Paris, assignor to Societe Electro-Mecanique de l'Aveyron S. A., Rodez, France. Device to prevent overheating of shaft bearings. 2,566,715, Sept. 4.
Bessière, Pierre E., assignor to Societe Electro-Mecanique de L'Aveyron S. A., Rodez, France. Cooling device for electrical apparatus in particular electric brakes. 2,575,000, Nov. 13.
Besson, Raoul: *See*—
Lhermitte, Yves, and Besson.
Bessonneau, Maurice, Puteaux, France. Hold-down and linkage assembly for convertible tops. 2,578,990, Dec. 18.
Bessonneau, Maurice, Puteaux, France. Collapsible vehicle top. 2,578,991, Dec. 18.
Bessot, Leonce E., Paris, and P. Garet, Choisy-Le-Roe, assignors to Societe des Usines Chimiques Rhone-Poulenc, Paris, France. Production of a salt of p-chlorophenyl cyanamide and isopropylguanidine. 2,556,315, June 12.
Best Foods, Inc., The, assignee: *See*—
Gooding, Chester M., Morrill, and Seiter.
Morrill, Elliott, Seiter, and Gooding.
Seiter, Eugene D., Gooding, and Morrill.
Vahlteich, Hans W., Gooding, and Neal.
Best, Fredric L., Felixstowe, assignor to Best Products Limited, Suffolk, England. Coffee percolator and like liquid heating devices. 2,562,763, July 31.
Best, Frank A., assignee: *See*—
Ross, Stewart R.
Best, Frank A., Windsor, Ontario, Canada. Broaching machine. 2,546,962, Apr. 3.
Best, Frank E., Indianapolis, Ind. Keeper. 2,568,983, Sept. 25.
Best, Frank E., Indianapolis, Ind. Knob set privacy latch. 2,574,726, Nov. 13.
Best, Frank E., Indianapolis, Ind. Privacy latch. 2,576,440, Nov. 27.
Best, John H., & Sons, Inc., assignee: *See*—
Best, Leon H.
Best, Leon H., assignor to John H. Best & Sons, Inc., Galva, Ill. Bearing and lock for display racks. 2,565,644, Aug. 28.
Best, Leon H., assignor to John H. Best & Sons, Inc., Galva, Ill. Bearing for display racks. 2,565,645, Aug. 28.
Best Manufacturing Co., Inc., assignee: *See*—
Steers, William F.
Best, Marcellus, Jr.: *See*—
Helterline, Leo L., Jr., Best, and Bunblasky.
Best, Norman M., Hendon, London, England. Electric circuit breaker. 2,539,567, Jan. 30.
Best, Percy, Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Brake beam support. 2,537,002, Jan. 9.
Best Products Limited, assignee: *See*—
Best, Fredric L.

Best, Stanley G., Manchester, assignor to United Aircraft Corporation, East Hartford, Conn. Magnetic device. 2,579,723, Dec. 25.
Best, Wilson F., Grand Rapids, Mich. Stacking receptacle. 2,545,758, Mar. 20.
Bestehorn, Heinrich H., Easton, Pa., assignor to General Aniline & Film Corporation, New York, N. Y. Metallized azo dyestuff and producing the same. 2,539,178, Jan. 23.
Bestehorn, Heinrich H., Glen Rock, and W. Schmidt-Nickels, Little York, N. J., assignors to General Aniline & Film Corporation, New York, N. Y. Metalliferous monoazo dyestuffs. 2,560,502, July 10.
Bete Fog Nozzle, Inc., assignee: *See*—
Bete, John U.
Bete, John U., assignor by mesne assignments, to Bete Fog Nozzle, Inc., Greenfield, Mass. Spiral film spray nozzle. Re. 23,413, Oct. 2.
Beth, Walter F.: *See*—
Holter, Norman F., and Beth.
Bethancourt, Raoul J., Corpus Christi, Tex., assignor to Sun Oil Company, Philadelphia, Pa. Shockproof case for borehole measuring instruments. 2,577,599, Dec. 4.
Bethe, Eugene J., Mishawaka, Ind., assignor to United States Rubber Company, New York, N. Y. Latex foamed with hydrogen peroxide and a polyamine. 2,567,988, Sept. 18.
Bethea, Sam R.: *See*—
Schiller, James C., Bethea, and Mosesman.
Bethig, Eric A., assignor to Willson Products, Inc., Reading, Pa. Gas mask canister. 2,575,483, Nov. 20.
Bethlehem Foundry and Machine Company, assignee: *See*—
Toner, James E. J.
Bethlehem Steel Company, assignee: *See*—
Bjorlo, John R.
Chamberlin, Alan C., and Weigle.
Farmer, Quentin B.
Fisher, Andrew J.
Martin, Walter N., and Riedel.
Nieman, Henry W.
Reed, John C.
Riddle, George H.
Wright, Charles M., and Miller.
Bethlehem Supply Company, assignee: *See*—
Eaton, John F.
Bettan, Martin, Brooklyn, N. Y., assignor to Multenna Corporation, Philadelphia, Pa. Multiple antenna system for television. 2,571,660, Oct. 16.
Bettcher, Mortimer L., deceased, Dayton, Ohio; D. L. B. Tameling, administratrix of said M. L. Bettcher. Anti-skid tire chain. 2,537,392, Jan. 9.
Bettencourt, Alfred S., East Orange, N. J. Sandwich spreader. 2,539,225, Jan. 23.
Bettendorf Company, The, assignee: *See*—
Schrage, Frederick S.
Better Packages Incorporated, assignee: *See*—
Krueger, Theodore H.
Betterton, George M., Piedmont, and A. J. Mello, Berkeley, Calif. Load supporting rack. 2,554,657, May 29.
Bettison, David C., Omaha, Nebr., assignor to The Union Switch and Signal Company, Swissvale, Pa. Traffic protection apparatus. 2,565,117, Aug. 21.
Bettoni, Eugene C.: *See*—
Colvin, Clifford, and Bettoni.
Betz, Herman, Wethersfield, Conn., assignor to Underwood Corporation, New York, N. Y. Ribbon vibrating mechanism for typewriting and like machines. 2,541,191, Feb. 13.
Betz, Paul L., assignor to Consolidated Gas Electric Light and Power Company of Baltimore, Baltimore, Md. Electrical energizing means for limit control devices and the like. 2,569,397, Sept. 25.
Betz, Paul L., Baltimore, Md., and S. Karrer, Washington, D. C., assignors to Consolidated Gas Electric Light and Power Company of Baltimore, Baltimore, Md. Coal handling system. 2,573,535, Oct. 30.
Beu, Karl E., Bartlesville, and H. H. Claassen, Norman, Okla., assignors to Phillips Petroleum Company. X-ray diffraction apparatus. 2,543,825, Mar. 6.
Beuck, Coin J., Belden, Nebr. Fountain pen holder. 2,545,540, Mar. 20.
Beuckens, Jacobus, and E. A. J. Mol, Venlo, Netherlands, assignors to Hartford National Bank & Trust Company, Hartford, Conn., as trustee. Cable with air insulation. 2,536,904, Jan. 2.
Beuer, Frederick G., assignor to Carter Carburetor Corporation, St. Louis, Mo. Dual control switch. 2,546,847, Mar. 27.
Beukelman, Henry, Camden, Maine. Florist's pack and jacket for the same. 2,540,707, Feb. 6.
Beukema, Willem: *See*—
Van Loon, Carel J., and Beukema.
Van Loon, Carol J., Beukema, Schurink, and Weyers.
Beurtheret, Charles A. E., Paris, France, assignor to General Electric Company. Frequency multiplier. 2,536,794, Jan. 2.
Beurtheret, Charles A. E., Paris, France, assignor to General Electric Company. Linear amplifier system. 2,552,136, May 8.
Beutal, Ralph H., Newark, and J. A. Elder, Jr., Plainfield, assignors to Merck & Co., Inc., Rahway, N. J. Crystalline sulfaquinoxaline and acetone and its production. 2,540,236, Feb. 6.
Beutel, Philip R., assignee: *See*—
Toby, Max E.
Bevan, John G., assignor to Guggenheim Brothers, New York, N. Y. Sewage treatment. 2,559,704, July 10.
Bevarly, Henry W., assignor to The Girdler Corporation, Louisville, Ky. Apparatus for treating materials. 2,578,393, Dec. 11.
Beverly, Nelson E., Williamstown, assignor to Sprague Electric Company, North Adams, Mass. Artificial transmission line. 2,537,959, Jan. 16.
Beverly, Nelson E., Great Neck, N. Y., assignor to Sprague Electric Company, North Adams, Mass. Artificial transmission line. 2,552,306, May 8.
Beverly Vogue Company, assignee: *See*—
Chase, Adine P., and Rosenfeld.
Bevin Bros. Mfg. Co., assignee: *See*—
Moard, Eric.
Bevin, Chauncey G., 2nd, Sherman Oaks, Calif. Clothespin. 2,540,237, Feb. 6.
Bevington, Kenneth A., Evanston, Ill. Confectionery article. 2,564,049, Aug. 14.
Bevins, James E., Ramsey Estates, assignor to Bendix Aviation Corporation, Teterboro, N. J. Pump. 2,544,976, Mar. 13.
Bevins, James E., Ramsey, assignor to Bendix Aviation Corporation, Teterboro, N. J. Air-speed indicator. 2,563,207, Aug. 7.
Bevins, James E., Ramsey, and R. W. Hyde, Englewood, assignors to Bendix Aviation Corporation, Teterboro, N. J. Paper winding mechanism for recording instruments. 2,551,866, May 8.
Bevis, James J., Sheffield, Ala. Game balance. 2,551,720, May 8.
Bevis, William A., Middlesex, and E. H. C. Thorpe, Surrey, assignors to C. A. V. Limited, Acton, London, England. Engine starting mechanism. 2,539,179, Jan. 23.
Beweg A.-G., assignee: *See*—
Moser, Rudolf.
Beyer, Charles J., Pasadena, Calif. Waste receiver. 2,553,232, May 15.
Beyer, Elmer J., Berwyn, and G. M. Baumann, Chicago, Ill. Nipper type dry shaver. 2,553,741, May 22.
Beyer, Millard L., Hempstead, assignor to The International Postal Supply Company, Brooklyn, N. Y. Check feeding apparatus. 2,572,304, Oct. 23.
Beyer, Oscar F., Jr., Grand Haven, Mich. Nozzle for faucets. 2,570,635, Oct. 9.
Beyer, Robert T.: *See*—
Rossi, Bruno, Sack, Beyer, and Miller.
Beyers, Meredith, and J. A. Sadony, Montague, assignors to Continental Motors Corporation, Muskegon, Mich. Metal defect testing method. 2,571,409, Oct. 16.
Beymer, Frank R., Mansfield, Ohio. Window frame. 2,563,511, Aug. 7.
Beyon, John K., Chicago, Ill. Combination deep well and top cooking unit for cookstoves. 2,566,440, Sept. 4.
Beyrodt, Kurt, Williston Park, assignor, by mesne assignments, to E. L. Becker, Flushing, C. F. Kolb, Great Neck, R. B. Eddy, Flushing, and K. Beyrodt, Williston Park, N. Y. Therapeutic bath apparatus. 2,555,726, June 5.
Beyrodt, Kurt, Williston Park, N. Y. Sterilized toilet seat. 2,563,095, Aug. 7.
Bezy, Georges, Paris, France, assignor to Compagnie Generale de Telegraphie Sans Fil. Amplifier of very high frequency. 2,550,759, May 1.
Biach, John L., Cranford, N. J., assignor to Air Reduction Company, Incorporated. Control system for billet cutting machines. 2,578,778, Dec. 18.
Biamonte, Louis, Waterbury, Conn. Radio station selector. 2,572,976, Oct. 30.
Bian, John T., Chicago, Ill., assignor to the partnership composed of J. T. Bian, A. Zwissig, W. J. Spellman, B. H. Williams, E. Booth, and T. V. McDavitt. Extraction drier. 2,574,085, Nov. 6.
Bianca, Carmelo J., Sr., Indianola, Miss. Accelerator controlling device. 2,568,481, Sept. 18.
Bianchi, Ambrose, San Francisco, Calif. Ladder. 2,538,501, Jan. 16.
Bianchi, Ambrose, and W. H. Harman, San Francisco, Calif. Toy cable car system. 2,576,994, Dec. 4.
Bianco, Henry R., Herculaneum, Mo., A. H. W. Busby and R. A. Giles, Trail, British Columbia, assignors to The Consolidated Mining and Smelting Company of Canada, Limited, Montreal, Quebec, Canada. Pyrometer. 2,576,514, Nov. 27.
Biarnasis, Paul: *See*—
Chassaing, Pierre, and Biarnais.
Biasi, Angelo: *See*—
Felip, Jeanne, and Biasi.
Bibby, Alfred T., and H. A. Dukett, Lynn, Mass. Painting shoe buckles. 2,570,093, Oct. 2.
Bibby, J., & Sons Limited, assignee: *See*—
Killip, Robert E.
Bible, Milbert D., Mosheim, Tenn. Line clamp. 2,545,565, Mar. 20.
Bibler, Dallas D., Wyandotte, assignor to Burroughs Adding Machine Company, Detroit, Mich. Combined ledger tray and holder for business forms. 2,564,244, Aug. 14.

Bice, Graham W., Rosemont, Pa., assignor to The Babcock & Wilcox Company, Rockleigh, N. J. Air swept pulverizer having an eccentrically arranged air throat flow area. 2,545,254, Mar. 13.

Bicek, Joseph F., St. Paul, Minn. Vaginal speculum. 2,575,253, Nov. 13.

Bick, Max, Philadelphia, Pa. Paint applicator. 2,548,580, Apr. 10.

Bickel, Clifford A., S. A. Brandenburg, and T. Foster, assignors to The Monarch Machine Tool Co., Sidney, Ohio. Machine tool. 2,557,860, June 19.

Bickel, Clifford A., assignor to The Monarch Machine Tool Co., Sidney, Ohio. Apparatus for operating lathes. 2,561,724, July 24.

Bickel, Ferdinand D. W., Wilmington, Del., R. A. G. Earich, Pittsburgh, Pa., and H. A. Lewis, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Blasting device. 2,546,686, Mar. 27.

Bickel, Ferdinand D. W., H. A. Lewis, Wilmington, Del., and R. H. Mecklenborg, Philadelphia, Pa., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Blasting device. 2,569,511, Oct. 2.

Bickel, Forrest F. and K. M., Farmersville, Ohio. Combination pump and power take-off. 2,571,105, Oct. 16.

Bickel, James M.: *See*—
Young, William R., and Bickel.

Bickel, Kenneth M.: *See*—
Bickel, Forrest F., and K. M.

Bickel, Joseph W., Skokie, and J. A. Reding, Evanston, Ill. Remote register for gas meters. 2,553,842, May 22.

Bickel, Joseph W., Skokie, and J. A. Reding, Evanston, Ill. Remote indicating register for gas meters. 2,553,843, May 22.

Bickelhaupt. George B., Jr., assignor to The Monomelt Co., Inc., Minneapolis, Minn. Automatic depth control for presses. 2,561,169, July 17.

Bickley, Everett H., Bala-Cynwyd, Pa. Mechanism for cracking nuts. 2,561,170, July 17.

Bickley, Everett H., Penn Valley, Pa. Depth sounding apparatus. 2,561,171, July 17.

Bickley, Everett H., Bala-Cynwyd, Pa. Color sorting machine. 2,580,275, Dec. 25.

Bickley, N. A., assignee: *See*—
Rath, Lee A.

Bicknell, George M., assignor to Carter Carburetor Corporation, St. Louis, Mo. Carburetor for submersible vehicles. 2,556,463, June 12.

Bicknell, George M., assignor to Carter Carburetor Corporation, St. Louis, Mo. Carburetor. 2,563,096, Aug. 7.

Bickness, John A., Westbrook, and S. J. Johnson, Portland, Maine, assignors to S. D. Warren Company, Boston, Mass. Moldproofing mineral coated papers. 2,548,646, Apr. 10.

Bicocchi, Louis, La Salle, Ill. Variable tone duck call. 2,556,388, June 12.

Bidaud, Auguste F., Serezin-du-Rhone, assignor to Societe des Usines Chimiques Rhone-Poulenc, Paris, France. Preparation of methyl siloxanes. 2,556,897, June 12.

Bidaud, Auguste F., Serezin-du-Rhone, assignor to Societe des Usines Chimiques Rhone-Poulenc, Paris, France. Producing a siliceous composition and the composition thereof. 2,567,316, Sept. 11.

Bidaud, Auguste F., Serezin-du-Rhone, and P. P. Peyrot, Feyzin, assignors to Societe des Usines Chemiques Rhone-Poulenc, Paris, France. Production of a water repelling composition and the composition thereof. 2,567,315, Sept. 11.

Bidaud, Auguste F., Serezin-du-Rhone, and P. Dumont, Lyon, assignors to Societe des Usines Chimiques Rhone-Poulenc, Paris, France. Production of organosilicon derivatives. 2,573,302, Oct. 30.

Biddle, William M., St. Louis, Mo., assignor to Vulcan Corporation, Cincinnati, Ohio. Width grading shoe lasts. 2,570,510, Oct. 9.

Biddle, William P., Jr.: *See*—
Sanford, Hugh W., and Biddle.

Biddlecombe, Walter L., Indianapolis, Ind. Muffler with plural passages and side branch chambers. 2,561,557, July 24.

Bidmon, Frank J., Rockford, Ill. Combination toothbrush, water glass, and soap holder. 2,576,560, Nov. 27.

Bieber, Clarence G., and W. F. Sumpter, Huntington, W. Va., assignors to The International Nickel Company, Inc., New York, N. Y. High-temperature alloys and articles. 2,570,193, Oct. 9.

Bieber, Clarence G., and W. F. Sumpter, Huntington, W. Va., assignors to The International Nickel Company, Inc., New York, N. Y. Production of high-temperature alloys and articles 2,570,194, Oct. 9.

Biederman, Joseph B., Cincinnati, Ohio. Needle threader. 2,544,063, Mar. 6.

Biegajski, Ernest W., deceased, Buffalo, N. Y.; M. B. Biegajski, administratrix. Garment button. 2,549,883, Apr. 24.

Biegajski, Margaret B., administratrix: *See*—
Biegajski, Ernest W.

Biegen, John M., Great Neck, N. Y. Extendable step ladder. 2,576,277, Nov. 27.

Bielecki, Edwin J.: *See*—
Kawecki, Henry C., and Bielecki.

Bielek, Alfred D., Nutley, N. J. Dynamic noise and scratch suppression. 2,541,326, Feb. 13.

Bielenberg, Raymond G., Berwyn, assignor to Automatic Electric Laboratories, Inc., Chicago, Ill. Line and station detecting apparatus. 2,562,594, July 31.

Bielik, Paul G.: *See*—
Gallagher, William P., and Bielik.

Bielstein, Walter J., Houston, Tex., assignor, by mesne assignments to Standard Oil Development Company, Elizabeth, N. J. Dull bit indicator. 2,560,328, July 10.

Bielstein, Walter J., Houston, Tex., assignor, by mesne assignments, to Standard Oil Development Company, Elizabeth, N. J. Device for spinning pipe. 2,565,345, Aug. 21.

Bien, Albert H., Wynnewood, Pa. Device for preforming corrugated material for lamp shades. 2,579,171, Dec. 18.

Bienaimé, Robert, Paris, France. Fuel pump for internal-combustion engines. 2,554,084, May 22.

Bienfait, Henri, Eindhoven, Netherlands, assignor to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Manufacturing electronic tubes with active getters. 2,540,647, Feb. 6.

Bierbach, Frank E., and C. K. Barton, Erie, Pa., assignors to H. Freedman, New York, N. Y. Denture. 2,555,392, June 5.

Bierce, Burton B., Pewaukee, assignor of one-half to E. A. Andrus, Milwaukee, Wis. Electrical outlet with insulating closures. 2,579,538, Dec. 25.

Bierig, Carl W., Joplin, Mo. Mailbox with transparent auxiliary receptacle. 2,561,007, July 17.

Bierman, Arthur D.: *See*—
Jawett, Joseph A., and Bierman.

Bierman, Harry C., assignee: *See*—
Strickman, Samuel W.

Bierman, Howard R., San Francisco, Calif. Diaphragm type blood pressure gauge. 2,549,049, Apr. 17.

Bierman, Hubert J., Chatham, N. J., assignor to Ingersoll-Rand Company, New York, N. Y. Device for treating food material. 2,539,226, Jan. 23.

Bierman, Hubert J., Chatham, N. J., assignor to Ingersoll-Rand Company, New York, N. Y. Apparatus for processing packaged food material. 2,563,576, Aug. 7.

Bierman, William, New York, N. Y. Exerciser for the carpal-tarsal joints. 2,542,074, Feb. 20.

Biermann, David, assignor to Hartzell Industries, Inc., Piqua, Ohio. Mechanism for controlling propellers. 2,553,128, May 15.

Biermann, David, assignor of one-half to Hartzell Industries Inc., Piqua, Ohio. Hydraulically operated variable pitch propeller. 2,554,611, May 29.

Biermann, William A.: *See*—
Pawelsky, Vernon R., McCarty, Biermann, and Dulak.

Biermann, William A., and V. R. Pawelsky, Milwaukee, Wis., assignors to A P Controls Corporation. Fluid flow control device. 2,547,995, Apr. 10.

Biermann, William A., and L. V. McCarty, Milwaukee, Wis., assignors to A P Controls Corporation. Multiburner fuel control device. 2,549,413, Apr. 17.

Bierwirth, Rudolph A.: *See*—
Brown, George H., and Bierwirth.
Shoup, Allen A., Bierwirth, and Olson.

Bierwirth, Rudolph A., Princeton, N. J., assignor to Radio Corporation of America. Subjecting effervescent materials to an electric field. 2,551,360, May 1.

Biery, Arthur, assignor of one-half to L. W. Thomforde, Pine Island, Minn. Broom holder. 2,550,956, May 1.

Biery, John E., Jersey City, N. J. Armor block construction. 2,571,006, Oct. 9.

Bigelow, John E.: *See*—
Rich, Theodore A., and Bigelow.

Bigelow, John E., Schenectady, N. Y., assignor to General Electric Company. Magnetic switching device. 2,548,581, Apr. 10.

Bigelow, John E., Schenectady, N. Y., assignor to General Electric Company. Direct-current meter damping arrangement. 2,567,688, Sept. 11.

Bigelow-Liptak Corporation, assignee: *See*—
Werner, Nels E.

Bigelow, Merle E., Marysville, Ohio. Variable tension circular jaw animal trap. 2,543,826, Mar. 6.

Bigelow-Sanford Carpet Co., Inc., assignee: *See*—
Cook, Jerome E.
Jackson, Robert J.

Bigelow, William K., Madison, N. J. Hosiery packaging. 2,573,827, Nov. 6.

Bigge, Henry W.: *See*—
Shrader, Fred W., and Bigge.

Bigger, Richard P.: *See*—
Magill, Donald G., and Bigger.

Biggert, Florence C., Jr., assignor to United Engineering & Foundry Company, Pittsburgh, Pa. Relief valve. 2,571,007, Oct. 9.

Biggert, Florence C., Jr., assignor to United Engineering & Foundry Company, Pittsburgh, Pa. Universal coupling. 2,577,508, Dec. 4.

Biggs, Earl R., Portland, Oreg. Returning roll toy. 2,575,743, Nov. 20.

Biggs, John H.: *See*—
Foster, John C., Sr., Biggs, and Foster.

Biggs, Norris W., Miami Shores, Fla., and G. M. Henderson, Akron, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y. Mold cleaning apparatus. Re. 23,321, Jan. 9.
Biggs, Paul, Imperial, Tex., assignor to Stanolind Oil and Gas Company, Tulsa, Okla. Core drilling. 2,540,385, Feb. 6.
Bigsby, Robert L., Lancaster, Mo. Extensible storage compartment for automobiles. 2,576,385, Nov. 27.
Bigwood, John A., Stamford, Conn., assignor to Air Reduction Company, Incorporated. Overvoltage protective device. 2,562,692, July 31.
Bigwood, Joshua, and Son, Limited, assignee: *See*—
Picton, John B.
Tinley, Ernest L., and Cartwright.
Bihaly, Lajos, London, England. Apparatus for plotting graphs. 2,567,632, Sept. 11.
Bihler, Walter G., Franklin, assignor to Special Machine & Engineering Company, Hazel Park, Mich. Indexible table. 2,558,289, June 26.
Bijl, Pieter C. J., Eindhoven, Netherlands, assignor to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Cylindrical object manufactured by the extrusion process. 2,564,093, Aug. 14.
Bilbe, Charles W.: *See*—
Woody, Guy V., and Bilbe.
Bilbe, Charles W., Wauwatosa, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Solvent extraction apparatus. 2,545,938, Mar. 20.
Bilde, Tord E. D., assignor to Aktiebolaget Elektrolux, Stockholm, Sweden. Suction nozzle with work-operated valve. 2,562,167, July 31.
Bilderbeck, James L., Jacksonville, Fla. Take-up reeling mechanism for electrically operated lawn mowers. 2,566,512, Sept. 4.
Biles, John L.: *See*—
Hermanson, Donald A., and Biles.
Bilisoly, Julius P.: *See*—
Kimberlin, Charles N., Jr., and Bilisoly.
Bill, Clifford E., Louisville, Ky., assignor to General American Transportation Corporation, Chicago, Ill. Rotary drier. 2,578,166, Dec. 11.
Bill, George W., assignor to Avco Manufacturing Corporation, Cincinnati, Ohio. Television receiver cabinet construction. 2,562,257, July 31.
Bill, John H.: *See*—
Davis, Christopher A., Bill, and Morley.
Bill, Robert O., San Leandro, Calif. Relatively vertically adjusting a vehicle draft mechanism and bed. 2,546,491, Mar. 27.
Bill, Robert O., San Leandro, Calif. Hydraulic vehicle body elevating and lowering means. 2,560,714, July 17.
Bill, Robert O., San Leandro, Calif. Automotive vehicle with elevating and lowering body. 2,560,715, July 17.
Billet, Philip, and I. Levy, New York, N. Y. Adjustable back or headrest. 2,565,015, Aug. 21.
Billeter, Jean-René: *See*—
Miescher, Karl, and Billeter.
Billeter, Johann, Zurich, Switzerland. Plug connection for electric conductors. 2,554,554, May 29.
Billheimer, James C.: *See*—
Capron, Phillip L., and Billheimer.
Billiar, Irvin A., Depew, N. Y. Mold with riser and exothermic insert. 2,568,428, Sept. 18.
Billing, Olle, Norrkoping, Sweden, assignor to Hartford National Bank and Trust Company, trustee, Hartford, Conn. Voltage stabilizer. 2,573,388, Oct. 30.
Billinghurst, Wilfred A., Elizabeth, N. J. Convertible rocking or rolling amusement device for children. 2,541,327, Feb. 13.
Billings, Charles K., Evansville, Ind., assignor to International Harvester Company. Milk cooler. 2,546,718, Mar. 27.
Billings, William P., assignor of one-half to H. G. Strom, Asheville, N. C. Portable hydraulic wheel and rim jack. 2,558,535, June 26.
Billingsley, Alva, Lamesa, Tex. Door check and closing device. 2,543,565, Feb. 27.
Billingsley, Gordon D., Los Altos, Calif. Hypodermic syringe. 2,545,017, Mar. 13.
Billingsley, William F., Silver Lake, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Tire. 2,575,439, Nov. 20.
Billington, Raymond I., and R. J. Nelson, Saugus, Mass. Plastic composition comprising mineral powder, wood dust, and adhesive. 2,537,960, Jan. 16.
Billion, Jacques, executor: *See*—
Billion, Louis A.
Billion, Louis A., deceased, Lyon, France; J. Billion, executor. Treating superpolyamide. 2,564,245, Aug. 14.
Billman, John H., Bloomington, Ind., and E. E. Parker, Milwaukee, Wis., said Parker assignor to said Billman. Alpha-amino-alpha-methylol malonic acid. 2,556,791, June 12.
Billner, Karl P., Philadelphia, Pa., assignor to Vacuum Concrete, Inc. Molding joints between spaced structural members. 2,548,935, Apr. 17.
Billner, Karl P., Philadelphia, Pa., assignor to Vacuum Concrete, Inc. Concrete molding apparatus. 2,555,022, May 29.
Billner, Karl P., Philadelphia, Pa., assignor to Vacuum Concrete, Inc. Handling apparatus. 2,578,220, Dec. 11.
Bills, Philip H., Longmeadow, J. A. Logan, Hadley, and T. J. Mesh, Easthampton, assignors to Gilbert & Barker Manufacturing Company, West Springfield, Mass. Alcohol-water injection means for internal-combustion engines. 2,554,612, May 29.
Billups, William A., Grenada, Miss. Rotary reaction combustion turbine. 2,536,024, Jan. 2.
Bily, Peter J., assignor to Chicksan Company, Brea, Calif. Sanitary swivel joint. 2,557,495, June 19.
Bilyeu, Gerald I., Foxboro, Mass. Dual pneumatic controller. 2,550,666, May 1.
Binda, Frederick J., assignor to Polaroid Corporation, Cambridge, Mass. Heat resistant light-polarizing polyvinyl borate film containing borax. 2,554,850, May 29.
Bindel, Charles J., Akron, Ohio. Adapter for wall-type outlet boxes. 2,568,942, Sept. 25.
Binder, Anthony C.: *See*—
Ingels, Marion H., and Binder.
Binder, Harry C., and E. E. Coleman, Chicago, Ill. Combination support and drawer. 2,553,353, May 15.
Binder, Robert S., Philadelphia, Pa. Combination stroller and shopping carrier. 2,545,336, Mar. 13.
Binder, Thomas W., Maplewood, N. J. Refrigeration apparatus, including defrosting means. 2,573,684, Nov. 6.
Binder, William O., Niagara Falls, N. Y., assignor to Union Carbide and Carbon Corporation. Improving the high-temperature strength of austenitic steels. 2,562,854, July 31.
Biner, George M., Los Angeles, assignor of one-half to R. M. Bailey, Whittier, Calif. Cigarette rolling device. 2,542,748, Feb. 20.
Binford, Benjamin L., assignor to Magnetrol, Inc., Chicago, Ill. Magnetic control device. 2,564,655, Aug. 21.
Binford, Benjamin L., assignor to Magnetrol, Inc., Chicago, Ill. Magnetic control device. 2,576,561, Nov. 27.
Bing, Herbert A.: *See*—
Mihalvi, Joseph, Pribus, and Bing.
Bing, Herbert A., and C. W. Pribus, assignors to Eastman Kodak Company, Rochester, N. Y. Film winding and shutter tensioning mechanism. 2,571,661, Oct. 16.
Bingenheimer, Melvin: *See*—
Walker, Eugene J., and Bingenheimer.
Bingenheimer, Melvin, East McKeesport, E. J. Walker, New Kensington, and J. Toth, Beaver, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Circuit interrupter arc extinguisher. 2,551,822, May 8.
Binger, Nickolaus, Pittsburgh, Pa. Plane. 2,575,787, Nov. 20.
Bingham, Arthur E.: *See*—
Shawbrook, Henry, and Bingham.
Bingham, Arthur E., assignor to Dowty Equipment Limited, Cheltenham, England. Shock absorber or resilient device. 2,554,807, May 29.
Bingham-Herbrand Corporation, assignee: *See*—
Hinsey, Robert S.
Bingham, Lawrence F., Bellingham, Wash. Industrial chain. 2,541,911, Feb. 13.
Binkley, Charles H., Berkeley, Calif., assignor to the United States of America as represented by the Secretary of Agriculture. Solubilizing keratin. 2,542,984, Feb. 27.
Binkley Mfg. Company, assignee: *See*—
Binkley, William J.
Binkley, William J., assignor to Binkley Mfg. Company, Warrenton, Mo. Earth anchor. 2,538,409, Jan. 16.
Binks, Frederick W.: *See*—
Hutchinson, Leonard, Bristow, and Binks.
Binks Manufacturing Company, assignee: *See*—
Gustafsson, Eric, and Baur.
Gustafsson, Eric, Baur and Kern.
Binks, Melvin J.: *See*—
Durant, Lyndon A., and Binks.
Binneweg, Abraham, Jr., Oakland, Calif. Supported electrode metal radio tube. 2,545,759, Mar. 20.
Binney, Eric A., Ilkley, and F. W. Roberts, Bradford, assignors to The English Electric Company Limited, London, England. Electric motor control system. 2,565,118, Aug. 21.
Binney, Joe G., New Douglas, Ill. Gang bit core drilling apparatus. 2,563,913, Aug. 14.
Binns, Jack N., and T. E. Dugle, Cincinnati, and A. F. Alt, Hamilton County, assignors to The Mosler Safe Company, Hamilton, Ohio. Receipt issuing night depository. 2,572,003, Oct. 23.
Binns, John E.: *See*—
Stein, Frank S., Binns, Rice, and Bashkin.
Binsfeld, John, Toronto, Ontario, Canada. Truck tire carrier. 2,556,570, June 12.
Binswanger Mirrow Co., assignee: *See*—
Moore, Robert L., and Henkin.
Birch, Stanley F.: *See*—
Howes, Donald A., Tait, Docksey, Birch, and Partridge.
Birch, Stanley F., J. Habeshaw, and C. B. Collis, Sunbury-on-Thames, assignors to Anglo-Iranian Oil Company Limited, London, England. Seperation of narrow boiling hydrocarbon fractions. 2,540,318, Feb. 6.
Birch, Thomas H., and A. V. Nystrom, Milwaukee, Wis.; said Nystrom assignor to said Birch. Load compensating brake arrangement. 2,549,957, Apr. 24.

Birch, Thomas H., and V. L. Green, Milwaukee, Wis. Adapter means for supporting the air lines of railroad cars. 2,559,753, July 10.

Bircher, John R.: *See*—
Dressler, Russell G., and Bircher.

Birckhead, Taylor A., Baltimore, Md., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Tetrode keying system. 2,571,816, Oct. 16.

Birco Chemical Corporation, assignee: *See*—
Burke, John P.

Bird, Arthur R., Denville, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Coating compositions flatted with silica aerogel. 2,541,975, Feb. 20.

Bird, Benjamin M., Statesboro, Ga. Animal trap. 2,540,418, Feb. 6.

Bird, Byron M., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Liquid level control for jig elevator casings. 2,573,389, Oct. 30.

Bird Electronic Corporation, assignee: *See*—
Bird, James R.
Bird, James R., and Wells.

Bird, Geoffrey W., Water Stratford, assignor to Taylor Stoker Company Limited, Euston, London, England. Apparatus for use in glazing earthenware articles. 2,560,270, July 10.

Bird, George W. T., and J. Dennett, St. Helens, England. Apparatus for bending and tempering sheets of glass. 2,536,905, Jan. 2.

Bird, James M., Bradford, Pa. Measuring permeability and porosity of borehole sub-strata. 2,544,412, Mar. 6.

Bird, James R., Chagrin Falls, assignor to Bird Electronic Corporation, Cleveland, Ohio. Capacitor. 2,544,550, Mar. 6.

Bird, James R., Chagrin Falls, and M. M. Wells, assignors to Bird Electronic Corporation, Cleveland, Ohio. High-frequency coaxial coupling device. 2,552,707, May 15.

Bird, James R., Chagrin Falls, assignor to Bird Electronic Corporation, Cleveland, Ohio. High-frequency electrical device. 2,556,642, June 12.

Bird, John, assignor to George Salter and Company Limited, West Bromwich, England. Dial structure for weighing apparatus. 2,559,493, July 3.

Bird, John C., Pleasantville, N. Y., and T. G. Rochow, Darien, Conn., assignors to American Cyanamid Company, New York, N. Y. Casting gelatin tablets. 2,552,027, May 8.

Bird, John R., Belmont, Mass. Sear actuated electric firing device. 2,555,311, June 5.

Bird, Lester F., Newark, N. J. Thermostat control circuit. 2,556,957, June 12.

Bird, Lester F., assignor to Hanovia Chemical and Manufacturing Company, Newark, N. J. Operating system for discharge devices and vapor arc lamps. 2,575,001, Nov. 13.

Bird, Lionel T., Mount Royal, Quebec, Canada. Phase and frequency modulation system. 2,543,222, Feb. 27.

Bird, Michael, Chicago, Ill. Pulley bearing for Venetian blind head bars. 2,544,005, Mar. 6.

Bird, Milton W., Wenatchee, Wash. Truck for loading and conveying building materials. 2,567,178, Sept. 11.

Bird, Paul G., Western Springs, assignor to National Aluminate Corporation, Chicago, Ill. Inhibition of scale formation in steam generation. 2,576,386, Nov. 27.

Bird & Son, inc., assignee: *See*—
Wright, William R.

Bird, Warren N., and A. J. Comstock, Mountain Home, Idaho. Portable sheet material cutter. 2,570,195, Oct. 9.

Bird, William B.: *See*—
McPherson, Alexander, and Bird.

Birdlebough, Otis T., Naches, Wash. Boat top. 2,570,911, Oct. 9.

Birdsall, Leslie R.: *See*—
Lermont, Basil, and Birdsall.

Birdsboro Steel Foundry and Machine Company, assignee: *See*—
Peterson, Edward T.

Birkebak, Christian A., Detroit, Mich. Machine for assembling pistons to wrist pins and connecting rods. 2,578,124, Dec. 11.

Birkenhauer, Robert J., Richmond, Va., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Draw roll mechanism for hot stretching of artificial filaments. 2,541,149, Feb. 13.

Birkhead, Beckmann, Stanard, Vance & Wood, assignee: *See*—
Alexander, Sam.

Birkie, George M., Cleveland, Ohio. Stove and adjustable plates for the oven thereof. 2,580,153, Dec. 25.

Birkin, Kenneth W., assignor to Sinclair Refining Company, New York, N. Y. Tank truck assembly of detachable wheel supported units. 2,540,859, Feb. 6.

Birkland, C. Otto, assignee: *See*—
Spiteri, Joseph.

Birkland, Stellan: *See*—
Jacobs, Samuel S., and Birkland.

Birkland, Stellan, San Francisco, Calif., assignor to American Can Company, New York, N. Y. Container with folded top seam. 2,579,465, Dec. 25.

Birkland, Stellan, San Francisco, Calif., assignor to American Can Company, New York, N. Y. Container with folded top seam. 2,579,466, Dec. 25.

Birkle, Edward, St. Louis, Mo. Article that is useful for treating feet. 2,565,751, Aug. 28.

Birkner, Emil O.: *See*—
Brady, Robert H., and Birkner.

Birkner, Gertrude M., assignee: *See*—
Brady, Robert H., and Birkner.

Birky, Joseph A., Salem, Oreg. Automatic and trap laying nest. 2,539,052, Jan. 23.

Birlec Limited, assignee: *See*—
Hancock, Peter F., and Schulte.

Birmann, Rudolph, Newtown, Pa., assignor, by mesne assignments, to Turbo Engineering Corporation. Control for centrifugal compressor systems. 2,566,550, Sept. 4.

Birmingham and Blackburn Construction Company, Limited, assignee: *See*—
Stephenson, William A.

Birmingham Small Arms Company Limited, The, assignee: *See*—
Goldschmidt, Rudolf, and Wood.
Needham, Victor E.
Wood, Albert E., and Goldschmidt.

Biro, Louis B., New York, and M. B. Biro, Jackson Heights, assignors to Biro Products Corporation, New York, N. Y. Hand and foot propelled vehicle. 2,556,411, June 12.

Biro, Michael B.: *See*—
Biro, Louis B. and M. B.

Biro Products Corporation, assignee: *See*—
Biro, Louis B. and M. B.

Birr, Rudolph G.: *See*—
Steiner, Frank G., and Birr.

Birsch, Edwin T., Lewistown, Pa., assignor to American Viscose Corporation, Wilmington, Del. Centrifugal coupling, especially adapted for spinning buckets. 2,538,227, Jan. 16.

Birtman Electric Company, assignee: *See*—
Howard, Frank S.
Schwarz, Joseph A.
Sparklin, Charles H.
Sparklin, Charles H., and Howard.
Sparklin, Charles H., and Sporney.
Sporney, George C.

Birum, Herbert L., Jr.: *See*—
Hammitt, Andrew B., and Birum.

Bisch, Jean, Salindres, assignor to Compagnie de Produits Chimiques et Electrometallurgiques Alais Froges et Camargue, Paris, France. Preparing polyvinyl acetals. 2,561,458, July 24.

Bisch, Jean and X. Thiesse, Salindres, assignors to Compagnie de Produits Chimiques et Electrometallurgiques Alais Froges et Camargue, Paris, France. Manufacture of functional derivaties of polyvinylic copolymers. 2,547,618, Apr. 3.

Bisch, Paul E., and D. T. Dobbins, Los Angeles, Calif. Toy helicopter. 2,537,393, Jan. 9.

Bisch, William, Holmdel, N. J., assignor to The Griscom-Russell Company, New York, N. Y. Tubeflo section. 2,539,886, Jan. 30.

Bisch, William, Holmdel, N. J., assignor to The Griscom-Russell Company, New York, N. Y. Tubeflo section. 2,578,917, Dec. 18.

Bischoff, Alfred F., Ballston Spa, N. Y., assignor to General Electric Company. Pulse timing circuit. 2,561,172, July 17.

Bischoff, Alfred F., Ballston Spa, N. Y., assignor to General Electric Company. Electric chopper circuit. 2,575,904, Nov. 20.

Bischoff, George H., Fort Devens, Mass., assignor to Monsanto Chemical Company, St. Louis, Mo. Aluminum articles coated with heat-sealable composition. 2,566,513, Sept. 4.

Bischoff, George H., Fort Devens, Mass., assignor to Monsanto Chemical Company, St. Louis, Mo. Aluminum articles coated with heat-sealable composition. 2,566,514, Sept. 4.

Bishner, Henry D., Pittsburgh, Pa. Battery charger and power inverter system. 2,555,630, June 5.

Bishoff, Edward E.: *See*—
Fowler, Henry F., and Bishoff.

Bishop, Alfred E., Oakwood, and S. V. Cook, assignors to General Motors Corporation, Dayton, Ohio. Working fluid for a compression refrigeration system. 2,552,084, May 8.

Bishop, Amasa S., Cambridge, Mass., assignor, by mesne assignments, to the United States of America as represented by the Secretary of War. Electrical marking and scanning control circuit. 2,547,363, Apr. 3.

Bishop, Arthur E., Chatswood, near Sydney, New South Wales, Australia. Oscillation damper for full swiveling wheels. 2,572,589, Oct. 23.

Bishop & Babcock Manufacturing Company, The, assignee: *See*—
Marette, Ralph T.
Mayo, Edward L., and Getz.

Bishop, Carl E., Carlisle, Iowa. Control device for coupled articulated vehicles. 2,564,592, Aug. 14.

Bishop, Ernest, assignor of one-half to W. Stoval, Jonesboro, La. Fish stringer. 2,536,531, Jan. 2.

Bishop, Glenn A.: *See*—
Bishop, Robert B. and G. A.
Bishop, Harold R., assignor to Nips, Inc., New York, N. Y. Crushable container. 2,546,848, Mar. 27.
Bishop, Harry L., Youngstown, Ohio. Pivotal indicator for newspaper delivery boxes. 2,553,164, May 15.
Bishop, Homer L., assignee: *See*—
Fort, William H.
Bishop, James W., assignor to The Fairey Aviation Company Limited, Hayes, England. Hydraulic valve. 2,560,841, July 17.
Bishop, Jason G., Columbus, Ohio. Safety roller mechanism for use in watch movement escapes. 2,542,178, Feb. 20.
Bishop, John J.: *See*—
Emery, Alfred H., Bishop, and Boat.
Bishop, John L. H., assignor to The Austin Motor Company, Limited, Birmingham, England. Cam for operating valves of internal-combustion engines. 2,567,689, Sept. 11.
Bishop, John L. H., Northfield, and J. H. Weaving, Moseley, assignors to The Austin Motor Company Limited, Northfield, Birmingham, England. Cam for operating valves of internal-combustion engines. 2,567,690, Sept. 11.
Bishop, John P., Birmingham, Ala. Cake moistener. 2,549,161, Apr. 17.
Bishop, John W., Plainfield, assignor to Tide Water Associated Oil Company, Bayonne, N. J. Esterified alkylolamine salts of acid esters of phosphorus acids. 2,574,955, Nov. 13.
Bishop, John W., Plainfield, assignor to Tide Water Associated Oil Company, Bayonne, N. J. Rust-inhibiting compositions. 2,574,956, Nov. 13.
Bishop, John W., Roselle, assignor to Tide Water Associated Oil Company, Bayonne, N. J. Hydraulic fluid compositions. 2,550,760, May 1.
Bishop, John W., Roselle, assignor to Tide Water Associated Oil Company, Bayonne, N. J. Rust-inhibiting compositions. 2,574,954, Nov. 13
Bishop Manufacturing Corporation, assignee: *See*—
Selby, Harold E.
Bishop, Nathaniel, Fairfield, Conn., assignor to Time, Inc., New York, N. Y. Electronic register control for web pasting. 2,536,153, Jan. 2.
Bishop, Nathaniel, Fairfield, Conn., assignor to Time, Inc., New York, N. Y. Lateral register control mechanism for printing presses. 2,566,399, Sept. 4.
Bishop Publishing Company, assignee: *See*—
Bishop, Robert B. and G. A.
Bishop, Richard B.: *See*—
Denton, William I., and Bishop.
Denton, William I., Bishop, and Nygaard.
Bishop, Robert B., Arlington Heights, and G. A. Bishop, Wilmette, assignors to Bishop Publishing Company, Cook County, Ill. Display device. 2,559,106, July 3.
Bishop-Stansell Company, assignee: *See*—
Fort, William H.
Bishop, Walter M., Flushing, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Locating nonlinearities in inaccessible cables. 2,570,912, Oct. 9.
Bishop, William H., assignor to Weathershields Limited, Birmingham, England. Sliding roof for vehicles. 2,550,323, Apr. 24.
Bishop, William T., and E. J. Lorand, Wilmington, Del., and J. E. Reese, St. Simons Island, Ga., assignors to Hercules Powder Company, Wilmington, Del. Froth flotation of ores in the presence of an α,α-dialkylarylmethyl hydroperoxide. 2,545,132, Mar. 13.
Biskel, Arthur J., assignor to Accounting Forms, Inc., Chicago, Ill. Bookkeeping device. 2,549,956, Apr. 24.
Bison Manufacturing Company, assignee: *See*—
Haverlandt, Otto B., Jr.
Bissel, Dana F., Plantsville, and C. P. Frederickson, West Hartford, assignors to The Wiremold Company, Hartford, Conn. Electrically controlled cutoff device for tubing. 2,554,555, May 29.
Bissell, Herbert O., Hamilton, assignor to Armco Steel Corporation, Middletown, Ohio. Material handling apparatus. 2,571,524, Oct. 16.
Bissell, William W., New Castle, Pa., and D. G. Debo, assignors to Standard Oil Company, Chicago, Ill. Mixing device. 2,563,002, Aug. 7.
Bissinger, Harry G.: *See*—
Drew, Ernest F., Bissinger, and Kamlet.
Bisson, Louis A., assignee: *See*—
Luber, Phil G.
Bissonette, Alfred J., assignor to The Baldwin Company, Cincinnati, Ohio. Generator assembly in electrical musical instruments. 2,555,039, May 29.
Biswell, Charles B., Woodstown, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Stabilization of organic substances. 2,551,786, May 8.
Biszantz, Fred, assignor to The Galion Metallic Vault Company, Galion, Ohio. Stabilizers for large trucks or trailers. 2,556,610, June 12.
Biszantz, Fred, assignor to Hercules Steel Products Co., Galion, Ohio. Portable drive unit. 2,563,914, Aug. 14.
Biszantz, Fred, and P. S. Hartman, assignors to Hercules Steel Products Corporation, Galion, Ohio. Material spreading apparatus. 2,538,961, Jan. 23.
Bitney, Dewey H., assignor to Union Steel Products Company, Albion, Mich. Pallet or skid for handling materials and adapted for use with lifting trucks. 2,563,800, Aug. 14.
Bittenbender, William A.: *See*—
Hoffman, Roger A., Bittenbender, and Stoll.
Bittenbender, William A., Plainfield, and R. D. Babson, assignors to Merck & Co., Inc., Rahway, N. J. Purification and recovery of streptomycin. 2,540,238, Feb. 6.
Bitter, Ralph H.: *See*—
Carnine, Robert L., and Bitter.
Bittles, James A., Jr.: *See*—
Berry, Kenneth L., and Bittles.
Bittles, James A., Jr., and R. M. Joyce, Jr., assignors to E. I. de Pont de Nemours & Company, Wilmington, Del. Fluoroalkanephosphonic compounds. 2,559,754, July 10.
Bittner, Godfrey E., Seneca, Oreg. Jet propelled vessel having submerged capillary feeding means for the steam boiler. 2,546,210, Mar. 27.
Bituminous Coal Research, Inc., assignee: *See*—
Hatton, Willard J.
Bitzer, Martin: *See*—
Rappl, Anton, and Bitzer.
Bitzer, Martin, Kenmore, assignor to Trico Products Corporation, Buffalo, N. Y. Power transmission unit. 2,540,319, Feb. 6.
Bivens, Maurice E., Schenectady, N. Y., assignor to General Electric Company. Time-delay relay system. 2,552,137, May 8.
Bivens, Maurice E., Schenectady, N. Y., assignor to General Electric Company. Electric valve control circuit. 2,574,373, Nov. 6.
Bivens, Maurice E., Schenectady, N. Y., assignor to General Electric Company. Half cycling protective and indicating systems. 2,574,374, Nov. 6.
Bixby, Leo A., Niles, and D. S. Dence, Berrien Springs, assignors to Clark Equipment Company, Buchanan, Mich. Shift control mechanism for change-speed gearing. 2,552,765, May 15.
Bixby, William E.: *See*—
Oughton, Charles D., and Bixby.
Bixby, William H., assignor to D. R. Middleton and S. M. Hanley, doing business as Power Equipment Company, Detroit, Mich. Rectifying apparatus. 2,572,690, Oct. 23.
Bixler, Harley H., Erie, Pa., assignor to General Electric Company. Air circulating arrangement for refrigerators. 2,576,665, Nov. 27.
Bjarnason, Bjarni S., assignor to H. T. F. Lundberg, Toronto, Ontario, Canada. Instrument for and method of geophysical exploration. 2,559,586, July 10.
Bjelland, David, Hoffman, Minn. Door latch. 2,565,752, Aug. 28.
Bjerknes, Johan C., Lysaker, near Oslo, Norway, assignor to Telefonaktiebolaget L. M. Ericsson, Stockholm, Sweden. Casing for telephone instrument adapted to be used either as desk set or wall set. 2,558,699, June 26.
Bjork, Carl O., Wilmington, Calif. Coffee maker. 2,558,668, June 26.
Bjork, Nils, Battle Lake, Minn. Hinged oar lock. 2,559,929, July 10.
Bjork, Paul E., Forest Park, assignor to Lindberg Engineering Company, Chicago, Ill. Automatic temperature control apparatus. 2,563,304, Aug. 7.
Bjorklund, Arvid, Minneapolis, Minn. Lawn sweeper and leaf disintegrator. 2,564,352, Aug. 14.
Bjorklund, Eddie R., assignee: *See*—
Old, Robert C.
Bjorklund, Eric G.: *See*—
Bullard, Edward P., and E. P. Bullard, III, and Appelberg, Bjorklund, Cowell, Grinage, Johnson, Lange, and Mussler.
Björklund, Gustaf E., Stockholm, Sweden. Contra-angle dental handpiece. 2,568,315, Sept. 18.
Björklund, Gustaf E., Stockholm, Sweden. Dental drill and handpiece for same. 2,568,708, Sept. 25.
Björklund, Gustaf E., Stockholm, and J. E. H. Westberg, Malarhojden, assignors to Aktiebolaget Dentatus, Jakobsdal, Aspudden, Sweden. Grinding wheel and producing same. 2,578,167, Dec. 11.
Björklund, Tore S., assignor to Lumalampan Aktiebolag, Stockholm, Sweden. Innsulation embedded ballast unit. 2,572,590, Oct. 23.
Björkman, Gustaf E., Stockholm, assignor to Aktiebolaget Atlas Diesel, Sickla, near Stockholm, Sweden. Operating mechanism for spray guns. 2,557,593, June 19.
Bjorksten, Johan: *See*—
Fiedler, Stuart O., Bjorksten, and Yaeger.
Bjorksten, Johan, Chicago, Ill. Machine for cleaning solid articles. 2,563,151, Aug. 7.
Bjorksten, Johan, and S. O. Fiedler, Chicago, Ill., and L. L. Yaeger, Hammond, Ind., assignors to Nash-Kelvinator Corporation, Kenosha, Wis. Coated plastic products. 2,578,665, Dec. 18.
Björkström, Bo, Varberg, Sweden. Buckle. 2,547,557, Apr. 3.
Bjorlo, John R., Seattle, Wash., assignor to Bethlehem Steel Company. Hotbed attachment. 2,557,170, June 19.
Bjorndahl, Tobias N., Watrous, Saskatchewan, Canada. Shaker table for combines or threshers. 2,574,010, Nov. 6

Black, Charles M., Denver, Colo. Float gate. 2,546,963, Apr. 3.
Black-Clawson Company, The, assignee: *See—*
Baxter, Joseph, Jr.
Koziol, Bernard J.
Staege, Stephen A.
Black, David C., Rushville, Mo. Seed planter with radially movable ejectors. 2,538,754, Jan. 23.
Black & Decker Manufacturing Company, The, assignee: *See—*
Holland, Thomas W.
Merrill, Cy R.
Riley, Robert H., Jr., and Hollad.
Black, Donald H., London, England, assignor to International Standard Electric Corporation, New York, N. Y. Automatic gain control circuit. 2,559,587, July 10.
Black, Eldridge J., Levettown, assignor to General Aniline & Film Corporation, New York, N. Y. Detergent composition. 2,555,285, May 29.
Black, Gordon S.: *See—*
Corson, Ben B., and Black.
Black, Harold J.: *See—*
Coupland, Bertram R., and Black.
Black, Harold R., and L. V. Gagin, Toledo, Ohio, assignors to Owens-Illinois Glass Company. Glass composition. 2,562,292, July 31.
Black, Harold R., Toledo, Ohio, assignor to Owens-Illinois Glass Company. Glass-to-metal seal and composition thereof. 2,564,950, Aug. 21.
Black, Howard C.: *See—*
Young, Harland H., and Black.
Black, Howard C., Chicago, Ill., and W. M. Leaders, Houston, Tex., assignors to Swift & Company, Chicago, Ill. Manufacture of higher alcohols. 2,567,541, Sept. 11.
Black, James A., Grand Rapids, Mich. Feeding mechanism for printing machines. 2,578,779, Dec. 18.
Black, James A., and E. A. Stouten, assignors to Continental Decalcomania Company, Grand Rapids, Mich. Silk screen stencil apparatus. 2,566,919, Sept. 4.
Black, James B., Rockford, Ill., assignor to Twin Disc Clutch Company, Racine, Wis. Fluid coupling and clutch. 2,544,551, Mar.6.
Black, James F., Roselle, and K. K. Kearby, Cranford, N. J., assignors to Standard Oil Development Company. Catalytic conversion. 2,542,464, Feb. 20.
Black, James G.: *See—*
Jamison, Noel C., Koppius, Kohler, and Black.
Black, James J., Cincinnati, Ohio, assignor, by mesne assignments, to Trailmobile Inc. Prop mechanism for semitrailers. 2,572,240, Oct. 23.
Black, John B., Garrett, Pa. Lock for blind bolts. 2,561,459, July 24.
Black, John E., Decatur, Ala. Pants guard and attachment for hangers 2,575,089, Nov. 13.
Black, John O., Detroit, Mich. Vertical screw aircraft. 2,571,662, Oct. 16.
Black, Lester C., Bakersfield, Calif. Traveling sheave block. 2,536,417, Jan. 2.
Black, Lloyd V., Tarentum, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Method and apparatus for bending glass. 2,570,309, Oct. 9.
Black Manufacturing Company, assignee: *See—*
Cullen, William W.
Black, Morris B., Brooklyn, N. Y. Bed sheet. 2,569,627, Oct. 2.
Black, Russell L.: *See—*
Weeks, Robert W., and Black.
Black, Sivalls & Bryson, Inc., assignee: *See—*
Griffey, Leon J.
Hanssen, Albert J.
Kunert, Max J.
Kunert, Max J., and Coffman.
Lovelady, Isaac W.
Raymond, Gwynne, and Harris.
Simms, Howard N.
Smith, Arthur J., and Raymond.
Blackburn, Billee O.: *See—*
Luten, Daniel B., Jr., Blackburn, and McMillan.
Blackburn, John L.: *See—*
Goldsborough, Shirley L., and Blackburn.
Blackburn, John L., East Orange, N. J., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Protective relay for transmission lines. 2,545,987, Mar. 20.
Blackburn, Luther A., Lynwood, Calif. Connector. 2,544,484, Mar. 6.
Blackburn, Luther A., Lynwood, Calif. Chain structure. 2,544,485, Mar. 6.
Blackburn, Luther A., Lynwood, Calif. Lubricator. 2,546,211, Mar. 27.
Blackburn, Richard K., East Hartford, assignor to Crystal Research Laboratories, Incorporated, Hartford, Conn. Piezoelectric interferometer system. 2,536,025, Jan. 2.
Blackburn, Wayne E., Wilkinsburg, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Rectifier. 2,554,237, May 22.
Blacker, Latham V. S., Fittleworth, England. Recoil operated firearm. 2,549,162, Apr. 17.
Blackford, Benjamin B., and C. R. Wallace, United States Navy. Smoke generator. 2,546,964, Apr. 3.
Blackhawk Mfg. Co., assignee: *See—*
Pfauser, Edward M., and Mandl.
Blackinton, Roswell J., Whittier, and F. E. Stewart, assignors to Western States Lacquer Corporation, Los Angeles, Calif. Optical sight means for indicating the level of liquids or other reflective surfaces. 2,566,789, Sept. 4.
Blackinton, Willard S., La Mesa, Calif. Lathe attachment for cutting spherical shapes. 2,574,240, Nov. 6.
Blackinton, V. H., & Co., assignee: *See—*
Moehle, Frederick W.
Blackinton, V. H., & Co., Inc., assignee: *See—*
Moehle, Frederick W.
Blackledge, Lawrence C., Portland, Oreg. Helical plow. 2,539,053, Jan. 23.
Blackman, Edward L., Locus Grove, Conn. Light shading and directing device. 2,541,633, Feb. 13.
Blackman, Edward L., New York, N. Y. Drip tray for human feeding, etc. 2,558,414, June 26.
Blackman, Stanley, Brooklyn, N. Y., assignor to Premo Pharmaceutical Laboratories, Inc., South Hackensack, N. J. Hypodermic syringe. 2,578,394, Dec. 11.
Blackmore, Benjamin J., Cuyahoga Falls, Ohio. Auxiliary window. 2,546,424, Mar. 27.
Blackmore, Joseph J.: *See—*
Mayer, Albert C., and Blackmore.
Blackmun, Lynn A., Westend, Calif., assignor to West End Chemical Company. Recovering sodium bicarbonate and sodium borate from a complex brine. 2,540,648, Feb. 6.
Blackmun, Lynn A., Westend, Calif., assignor to West End Chemical Company. Desulfurizing of Searles Lake Brine. 2,567,867, Sept. 11.
Blackstone Corporation, assignee: *See—*
Briggs, Allan L.
Oberg, Gunnard A.
Blackstone, Selwyn R., Madison, Wis. Writing pad holder. 2,573,176, Oct. 30.
Blackwelder Manufacturing Co., assignee: *See—*
Lea, Henry V.
Blackwell, Sanford J., St. Louis, Mo. Partition support for crates. 2,539,721, Jan. 30.
Blackwood, Ralph V., Lumberton, N. C. Spinning and twister ring. 2,550,761, May 1.
Blagden, Benjamin D. S., New York, N. Y. Movable shelter for boats. 2,564,951, Aug. 21.
Blaha, Emil, Cheltenham, assignor to Selas Corporation of America, Philadelphia, Pa. Radiant gas burner and means for removing products of combustion. 2,547,735, Apr. 3.
Blaich, Rudolph C., Buffalo, and J. A. Banzhaf, Kenmore, N. Y. Weight operated climbing toy. 2,568,908, Sept. 25.
Blair, C. B., assignee: *See—*
Waring, Edward M.
Blair, Charles M., Jr., Webster Groves, Mo., assignor to Petrolite Corporation, Ltd., Wilmington, Del. Breaking petroleum emulsions. 2,543,223, Feb. 27.
Blair, Charles M., Jr., Webster Groves, Mo., assignor to Petrolite Corporation, Ltd., Wilmington, Del. Breaking emulsions. 2,562,878, Aug. 7.
Blair, Chester D., Lubbock, Tex. Lathe unit. 2,538,228, Jan. 16.
Blair, Donald W., and A. Barry, Houston, Tex., assignors, by mesne assignments, to Standard Oil Development Company, Elizabeth, N. J. Gimbal clamping device. 2,556,253, June 12.
Blair, Earl R., Chicago, Ill., assignor to American Can Company, New York, N. Y. Container. 2,564,667, Aug. 21.
Blair, Harold F., Chicago, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Apparatus for timing relay operations. 2,545,541, Mar. 20.
Blair, John A., assignor to K. K. Blair, Pleasant Ridge, Mich. Plier-type, toggle actuated wrench. 2,553,400, May 15.
Blair, Kathryn K., assignee: *See—*
Blair, John A.
Blair, Laurence R.: *See—*
Beals, Malcolm D., and Blair.
Blair, Mark L., Flossmoor, and A. J. McAllister, assignors to United Specialties Company, Chicago, Ill. Chaff screen. 2,574,011, Nov. 6.
Blair, Preston, Chicago, Ill. Electric motor terminal block. 2,552,028, May 8.
Blair, Robert E., Wenatchee, Wash. Apparatus for distributing insecticides or pollen. 2,570,511, Oct. 9.
Blaire, Pete, Greenville, Pa. Automatic pickup device. 2,579,539, Dec. 25.
Blais, John F.: *See—*
Wohnsiedler, Henry P., and Blais.
Blaisdell, Donald, Chili, assignor to General Railway Signal Company, Rochester, N. Y. Centralized traffic control system. 2,559,390, July 3.
Blaisse, Berndt S., and A. Bouwers, assignors to N. V. Optische Industrie "de Oude Delft," Delft, Netherlands. X-ray camera and system. 2,568,943, Sept. 25.
Blake, Edward S., Nitro, W. Va., assignor to Monsanto Chemical Company, St. Louis, Mo. Condensation of polyhydric phenols and polyhydric alcohols. 2,544,292, Mar. 6.
Blake, Edward S., and J. R. Durland, Nitro, W. Va., assignors to Monsanto Chemical Company, St. Louis, Mo. Polymerization of butadiene hydrocarbons in the presence of a trithiocarbonate. 2,547,150, Apr. 3.

Blake, John H., Jr., Freehold, N. J. Multipass boiler. 2,548,287, Apr. 10.
Blake, Kenneth, Washington, D. C., assignor to Minister of Supply in His Majesty's Government of the United Kingdom of Great Britain and Northern Ireland, London, England. Electronic switch. 2,541,399, Feb. 13.
Blake, Lamont V., Washington, D. C. Keying circuit. 2,552,512, May 15.
Blake, Marion E., Fairhope, assignor of one-half to W. A. Blake, Toulminville, Ala. Yarn feed control system. 2,541,192, Feb. 13.
Blake, Norman B., Beaumont, Tex., assignor to Sun Oil Company, Philadelphia, Pa. Seismographic prospecting apparatus for directing explosive energy. 2,558,924, July 3.
Blake, Octave, Plainfield, N. J. Starting gate. 2,550,399, Apr. 24.
Blake, Robert P., Winchester, assignor to Polaroid Corporation, Cambridge, Mass. Stretching continuous materials such as sheeting and the like. 2,547,736, Apr. 3.
Blake, Virginia, Miami, Fla. Diaper. 2,577,398, Dec. 4.
Blake, Wiliam A., assigne: *See*—
Blake, Marion E.
Blake, William O., Seattle, Wash. Battery breaking machine. 2,567,542, Sept. 11.
Blake, William P., assignor to K & B Manufacturing Company, Fairmont, Okla. Mud mixing machine. 2,569,439, Oct. 2.
Blakeborough, J., & Sons, Limited, assignee: *See*—
Boyd, William.
Blakely, Robert T.: *See*—
Bryce, James W., and Blakely.
Blakely, William M., Fort Bragg, N. C. Window lock. 2,545,645, Mar. 20.
Blakeslee, Clinton A., assignor to The Bristol Company, Waterbury, Conn. Temperature control apparatus. 2,566,053, Aug. 28.
Blakeslee, Max L., Oklahoma City, Okla. Fuel system for internal-combustion engines. 2,562,656, July 31.
Blakeway, Willard F.: *See*—
Schnaible, Albert P., and Blakeway.
Blamey, Almon C.: *See*—
Brownlie, John, Gerstenzang, and Blamey.
Blanchard, André, assignor to Schlumberger Well Surveying Corporation, Houston, Tex. Determining the presence of gas in dispersions. 2,553,233, May 15.
Blanchard, André, assignor to Schlumberger Well Surveying Corporation, Houston, Tex. Gas detector. 2,573,390, Oct. 30.
Blanchard, Doris W., Jackson Heights, G. G. Lauer, New York, and R. S. Pratt, Valley Stream, N. Y., assignors to The M. W. Kellogg Company, Jersey City, N. J. Separation of aldehydes and ketones. 2,552,513, May 15.
Blanchard, Felix P., San Antonio, Tex. Door and window frame. 2,540,419, Feb. 6.
Blanchard, Hyman A., Buffalo, N. Y. Razor. 2,565,062, Aug. 21.
Blanchard, Joseph H., Kalamazoo, Mich. Home style cigarette making device. 2,557,407, June 19.
Blanchard, Pearl B., Franklin, Mass. Protective filter condenser unit. 2,545,760, Mar. 20.
Blanchard, Ralph E., Winnetka, Ill. Marker device. 2,542,894, Feb. 20.
Blanchard, Robert L., New York, N. Y. Explorer's folding tent. 2,543,684, Feb. 27.
Blanchard, Vernon W., South River, N. J., assignor to E. I. du Pont de Nemours and Company, Wilmington, Del. Color developing, including treatment with a quaternary ammonium salt. 2,551,091, May 1.
Blanchard, William A., Millbury, assignor to Crompton & Knowles Loom Works, Worcester, Mass. Thread cutter for weft replenishing looms. 2,542,465, Feb. 20.
Blanchard, William A., Millbury, assignor to Crompton & Knowles Loom Works, Worcester, Mass. Warp beam for looms. 2,554,085, May 22.
Blanchard, William A., Millbury, assignor to Crompton & Knowles Loom Works, Worcester, Mass. Picking mechanism for looms. 2,564,747, Aug. 21.
Blanchard, William A., Millbury, assignor to Crompton & Knowles Loom Works, Worcester, Mass. Picking shoe. 2,564,748, Aug. 21.
Blanchard, William A., Millbury, assignor to Crompton & Knowles Loom Works, Worcester, Mass. Bobbin releaser for weft replenishing mechanism. 2,568,607, Sept. 18.
Blanchard, William A., Millbury, assignor to Crompton & Knowles Loom Works, Worcester, Mass. Combined heel shell and comb for looms. 2,580,154, Dec. 25.
Blanchet, Ovila J., New Bedford, Mass. Rain-drain attachment for automobile tops. 2,544,580, Mar. 6.
Blanchet, Ovila J., New Bedford, Mass. Traffic signal apparatus. 2,557,531, June 19.
Blanchette, Hilaire, St.-Simon de Drummond, Quebec, Canada. Molding and wrapping machine. 2,576,096, Nov. 27.
Blanchette, Lorenzo J., Dover, N. H. Feeding and marking means for tubes and the like. 2,562,168, July 31.
Blanco, Joseph R., Gardena, assignor of one-half to A. O. Boderman, Long Beach, Calif. Boring head. 2,564,460, Aug. 14.
Blanco P., Manuel, assignee: *See*—
Scheel, Julius.
Blanding, Joseph E., New London, assignor of one-half to Patrick B. McNamara, Groton, Conn. Connecting rod bearing support. 2,539,227, Jan. 23.
Blaney, Dorothy L., Los Angeles, Calif., assignor to Radio Corporation of America. Universal magnetic head. 2,547,737, Apr. 3.
Blank, David S., assignee: *See*—
Duggan, Joseph J.
Blank, Elmer H.: *See*—
Jahn, Herbert W., and Blank.
Blank, George K., De Soto, Mo. Collapsible carrier. 2,544,977, Mar. 13.
Blank, Malcolm M., Baltimore, Md. Cylinder cleaner and wire straightener. 2,536,589, Jan. 2.
Blank, Merton H., Detroit, and G. E. Nelson, assignors to Liquid Drive Corporation, Holly, Mich. Rotary turbine-type fluid coupling. 2,562,657, July 31.
Blanke, Nathan E.: *See*—
Sands, Hillard J., and Blanke.
Blanke, Nathan E., and H. J. Sands, assignors to The Harvard Manufacturing Company, Cleveland, Ohio. Locking device. 2,575,651, Nov. 20.
Blanton, William B.: *See*—
Currie, Frank L., and Blanton.
Blanton, William B., Rockville Centre, N. Y., F. L. Currie, Planfield, and G. W. Janson, Nutley, N. J., assignors to The Western Union Telegraph Company, New York, N. Y. Telegraph switching system. 2,546,627, Mar. 27.
Blanton, William B., Rockville Centre, and G. G. Light, Scarsdale, assignors to The Western Union Telegraph Company, New York, N. Y. Telegraph switching system. 2,575,329, Nov. 20.
Blasdell, Wallace T., assignor of one-half to D. J. MacDonald, Reno, Nev. Electrical coupling device. 2,564,520, Aug. 14.
Blaser, Herman J., Fostoria, Ohio, assignor to Keystone Wire Cloth Company, Hanover, Pa. Frameless screen tension. 2,547,302, Apr. 3.
Blasig, Joseph, assignee: *See*—
Guinez, Antonio.
Blasius, Charles J., Idaho Falls, Idaho. Windshield. 2,564,952, Aug. 21.
Blasutta, Victor V.: *See*—
Adams, Cecil E., Blasutta, and Mog.
Adams, Cecil E., Mills, and Blasutta.
Blatchford, John, Shobrooke, Crediton, England. Animal trap. 2,573,759, Nov. 6.
Blatter, Hans: *See*—
Goldstein, Alexander, and Blatter.
Blatti, Albert L.: *See*—
McLain, Harold O., and Blatti.
Blatti, Ruby C., executrix: *See*—
McLain, Harold O., and Blatti.
Blattmann & Co., assignee: *See*—
Staerkle, Max A., and Meier.
Blattner, Emil H.: *See*—
Barrows, Donald S., and Blattner.
Blattner, Emil H., Rochester, assignor to The Symington-Gould Corporation, Depew, N. Y. Cushioning mechanism. 2,540,041, Jan. 30.
Blattner, Emil H., Rochester, assignor to The Symington-Gould Corporation, Depew, N. Y. Cushioning device. 2,552,145, May 8.
Blattner, Emil H., Rochester, assignor to The Symington-Gould Corporation, Depew, N. Y. Journal box. 2,555,565, June 5.
Blattner, Emil H., Buffalo, assignor to The Symington-Gould Corporation, Depew, N. Y. Resilient side bearing. 2,571,190, Oct. 16.
Blattner, Emil H., and G. F. Couch, Rochester, assignors to The Symington-Gould Corporation, Depew, N. Y. Railway truck. 2,539,607, Jan. 30.
Blattner, Oliver J., Pittsburgh, Pa. Emergency wheel brake. 2,562,521, July 31.
Blattner, Robert F.: *See*—
Kesel, Robert E., and Blattner.
Blatz, Hanson, assignor to Ritter Company, Inc., Rochester, N. Y. Vertical fluoroscope apparatus. 2,567,363, Sept. 11.
Blaugrund, Marvin J., Shaker Heights, Ohio. Universal mounting antenna clamp. 2,575,254, Nov. 13.
Blaw-Knox Company, assignee: *See*—
Brown, Elv E., and Miller.
English, Ray H., and N. B. and M. N. Ornitz.
Groetzinger, Raymond B.
Jessen, John D.
Meisenburg, Karl.
Neubauer, Herman E.
Pottmeyer, Edward W.
Sarosdy, Louis J.
Smith, Glenn.
Tillotson, Jared E.
Blazek, William J., New Lexington, assignor to Lempco Products, Inc., Bedford, Ohio. Adjustable reamer. 2,543,224, Feb. 27.
Blazer, Noel E., Berkeley, Calif., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Wall type heater. 2,552,837, May 15.
Blazer, Paul G., A. M. Leas, and W. H. Humphreys, assignors to Ashland Oil and Refining Company, Ashland, Ky. Solvent extraction and dewaxing of mineral oils. 2,557,406, June 19.

Blazewicz, Edmond T., Chicago, Ill. Snap nook. 2,560,550, July 17.
Bleachers' Association Limited, assignee: *See*—
Melville, Alexander.
Taylor, Edward P., and Melville.
Blease, Malcolm T., and E. Schafranik, Providence, R. I. Remote-control system. 2,559,339, July 3.
Blechman, Irving, New York, N. Y. Garment bag and the like. 2,541,150, Feb. 13.
Blechman, Irving, New York, N. Y. Collapsible wardrobe. 2,579,897, Dec. 25.
Bleck, Marlin A., Dayton, Ohio. Collapsible seat. 2,555,566, June 5.
Blehm, Herbert E., Dorrance, Kans. Drag harrow hitch. 2,575,405, Nov. 20.
Bleitz, Donald L., Hollywood, Calif. Plate or cut film holder. 2,539,342, Jan. 23.
Blenkinsop, Ward, & Company Limited, assignee: *See*—
Pritchard, Gordon J.
Blesi, Walter, assignor to The Sheffield Corporation, Dayton, Ohio. Centering gauge for accurately locating a workpiece with respect to a keyway cutter or the like. 2,547,683, Apr. 3.
Blessing, Arthur W., Chicago, Ill. Match book holder. 2,548,288, Apr. 10.
Blessing, Charles B., Oakland, Calif., assignor to Blessing Packaging Company. Paper roll support. 2,545,337, Mar. 13.
Blessing, Harry A., assignee: *See*—
Liebmann, August G.
Blessing Packaging Company, assignee: *See*—
Blessing, Charles B.
Blessing, William J., Buffalo, and R. R. Fruehauf, Orchard Park, N. Y., assignors to Worthington Pump and Machinery Corporation, Harrison, N. J. Multiple fuel internal-combustion engine. 2,544,978, Mar. 13.
Bletso, Bruce N., Cleveland Heights, Ohio, assignor to The American Steel and Wire Company of New Jersey. Apparatus for handling rod and wire bundles or the like. 2,567,271, Sept. 11.
Bletz, Edward, Mansfield, Ohio, assignor to Stevens Manufacturing Company, Inc. Thermostatic switch. 2,557,810, June 19.
Bletzinger, John C.: *See*—
Voigtman, Edward H., and Bletzinger.
Blewett, John P., East Patchogue, N. Y., assignor to General Electric Company. Ratio circuit. 2,553,294, May 15.
Blewett, Kirby A., Corpus Christi, Tex. Swivel joint. 2,576,563, Nov. 27.
Blewett, Philip D., Oakland, Calif. Electric percolator. 2,548,647, Apr. 10.
Blewitt, Ronald H., Birmingham, England, assignor to Dunlop Tire and Rubber Corporation, Buffalo, N. Y. Apparatus for dielectric heating. 2,548,093, Apr. 10.
Bley, Rudolph S., Milligan College, Tenn., assignor to North American Rayon Corporation, New York, N. Y. Spinning viscose. 2,577,732, Dec. 11.
Bleyle, Gustave A., Jr.: *See*—
McMahon, Howard O., Bleyle, and Hinckley.
Blez, Bram, Tel Aviv, assignor of one-half to A. Morris, Tel Benjamin, Israel. Page turning device. 2,545,839, Mar. 20.
Blick, Frank, Westminster, assignor to Ozalid Company Limited, London, England. Photocopying machine. 2,548,936, Apr. 17.
Blicke, Frederick F., assignor to Regents of The University of Michigan, Ann Arbor, Mich. Thienylalkyl esters. 2,541,024, Feb. 13.
Blicke, Frederick F., assignor to Regents of The University of Michigan, Ann Arbor, Mich. Basic esters of substituted thienyl acetic acids. 2,541,634, Feb. 13.
Blicke, Frederick F., assignor to The Regents of The University of Michigan, Ann Arbor, Mich. Cyclohexylphenyl-aminoalkyl-ketones and their production. 2,542,466, Feb. 20.
Blickensderfer, Philip S.: *See*—
Bradner, Donald B., Stoddard, and Blickensderfer.
Blickman, Bernard I., New York, N. Y., assignor to S. Blickman, Inc., Weehawken, N. J. Filter. 2,549,363, Apr. 17.
Blickman, S., Inc., assignee: *See*—
Blickman, Bernard I.
Blight, Dennis J.: *See*—
Carington, Charles M., Shoobert, and Blight.
Blind Cleaners, Inc., assignee: *See*—
Schneider, George.
Blinkman, John W., Omaha, Nebr. Universal joint. 2,545,646, Mar. 20.
Blinn, Welford C., United States Navy, Arlington, Va., and W. R. Bailey, Washington, D. C. Humidostat. 2,573,685, Nov. 6.
Blinn, Welford C., Arlington, Va., and W. R. Bailey, Chevy Chase, Md. Temperature indicating device. 2,573,686, Nov. 6.
Blish, Morris J.: *See*—
Hoglan, Forest A., and Blish.
Bliss, Harding, Mount Carmel, Conn., and R. W. Southworth, Upton, N. Y. Carbonylation of aromatic halides. 2,565,461, Aug. 28.
Bliss, Harvey N., Windsor, assignor to Veeder-Root Incorporated, Hartford, Conn. Counting mechanism. 2,540,808, Feb. 6.
Bliss, Harvey N., Windsor, assignor to Veeder-Root Incorporated, Hartford, Conn. Counter mechanism. 2,568,709, Sept 25
Bliss, Harvey N., Windsor, and H. B. Vroom, assignors to Veeder-Root Incorporated, Hartford, Conn. Recorder for collections. 2,572,241, Oct. 23.
Bliss, Lester E., assignor to Eastman Kodak Company, Rochester, N. Y. Protective layer for finished photographic film. 2,578,282, Dec. 11.
Bliss, Warren H., Princeton, N. J., assignor to Radio Corporation of America. Electronic frequency meter. 2,540,505, Feb. 6.
Bliss, Warren H., Princeton, N. J., assignor to Radio Corporation of America. Time-measuring and recording device. 2,566,078, Aug. 28.
Bliss, Warren H., Riverhead, N. Y., assignor to Radio Corporation of America. Relaxation oscillator. 2,553,165, May 15.
Bliss, Warren H., Riverhead, N. Y., assignor to Radio Corporation of America. Pulse regenerator circuit. 2,577,444, Dec. 4.
Bliss, Warren H., and I. E. Grosdoff, Princeton, N. J., assignors to Radio Corporation of America. Counter control circuits. 2,560,922, July 17.
Blitstein, Arthur, Chicago, Ill. Binding sheet material in piles. 2,571,525, Oct. 16.
Blitzer, Sidney M.: *See*—
Rodekhor, Howard M., and Blitzer.
Blizzard, James R., Buffalo, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Dissolving of polymers. 2,573,949, Nov. 6.
Bloch, Felix, Palo Alto, and W. W. Hansen, Stanford University, Calif. Chemical analysis by nuclear inductions. 2,561,489, July 24.
Bloch, Herman S., assignor to Universal Oil Products Company, Chicago, Ill. Synthetic resins and preparation thereof. 2,542,111, Feb. 20.
Bloch, Herman S., assignor to Universal Oil Products Company, Chicago, Ill. Polyvinyl acetal resins. 2,545,683, Mar. 20.
Bloch, Herman S., assignor to Universal Oil Products Company, Chicago, Ill. Deposit resistant manifold. 2,553,742, May 22.
Bloch, Herman S., assignor to Universal Oil Products Company, Chicago, Ill. Resin and its manufacture by condensation of a phenol, an alkyl aromatic hydrocarbon, and a polyenic hydrocarbon. 2,558,812, July 3.
Bloch, Herman S., assignor to Universal Oil Products Company, Chicago, Ill. Manufacture of dialkyl hydrogen phosphites. 2,570,512, Oct. 9.
Bloch, Herman S., assignor to Universal Oil Products Company, Chicago, Ill. Modified phenolic resins. 2,570,513, Oct. 9.
Bloch, Herman S., assignor to Universal Oil Products Company, Chicago, Ill. Resinous copolymerization products. 2,578,168, Dec. 11.
Bloch, Herman S., assignor to Universal Oil Products Company, Chicago, Ill. Copolymers of an ehtylenically unsaturated compound with a polyolefinic cyclic hydrocarbon. 2,578,169, Dec. 11.
Bloch, Herman S., Chicago, and R. B. Thompson, Riverside, assignors to Universal Oil Products Company, Chicago, Ill. Resinous reaction product of an aromatic polyketone and a polysulfonamide and process. 2,557,935, June 26.
Bloch, Herman S., Chicago, and H. E. Mammen, La Grange, assignors to Universal Oil Products Company, Chicago, Ill. Sulfonation of alkyl aromatic hydrocarbons. 2,573,675, Nov. 6.
Bloch, Julius, San Francisco, Calif. Collapsible tripod base. 2,553,890, May 22.
Bloch, Leon, Cleveland, Ohio. Drain fitting for washbasins and the like. 2,572,101, Oct. 23.
Bloch, Rudolf, Jerusalem, Palestine. Electric cell. 2,566,114, Aug. 28.
Blocher, Ora G., Dearborn, assignor to Bendix Aviation Corporation, Detroit, Mich. Combination bracket and vent for flexible tanks. 2,557,861, June 19.
Block & Anderson Limited, assignee: *See*—
Gerlach, Hugo.
Gerlach, Hugo, and Benello.
Block, C. F., & Associates, assignee: *See*—
Block, Clarence F.
Block, Carl F., Pittsburgh, Pa., assignor to United States Steel Company. Method and apparatus for soldering. 2,546,719, Mar. 27.
Block, Clarence F., Barrington, Ill. Pet feeder. 2,554,086, May 22.
Block, Clarence F., Barrington, assignor to C. F. Block & Associates, Chicago, Ill. Cutting gauge. 2,560,271, July 10.
Block, David L., Brooklyn, N. Y. Radiator testing apparatus. 2,565,119, Aug. 21.
Block, Nettie A.: *See*—
Block, Otto H. and N. A.
Block, Otto H. and N. A., Fort Collins, Colo. Beet topping machine. 2,544,650, Mar. 13.
Block, Richard J., Scarsdale, N. Y., assignor to The Borden Company. Livestock feed. 2,569,282, Sept. 25.
Block, William E., Chicago, Ill. Sorting and classifying system for cards or the like. 2,544,251, Mar. 6.

Blod, Francis E., Tuckahoe, N. Y. Combined rattle and baby powder can. 2,562,013, July 24.
Blodgett, Herbert C., assignor to Overhead Door Corporation, Hartford City, Ind. Limit switch. 2,571,818, Oct. 16.
Blodgett, Herbert C., assignor to Overhead Door Corporation, Hartford City, Ind. Sectional vertical acting door. 2,575,255, Nov. 13.
Bloedel, Prentice: *See*—
Dunbar, James R., Bloedel, and Simons.
Bloedel, Stewart & Welch Ltd., assignee: *See*—
Dunbar, James R., Bloedel, and Simons.
Bloese, Max, Chicago, Ill. Electric light bulb. 2,561,460, July 24.
Blohm, Clyde L., Los Angeles, F. C. Riesenfeld, Hollywood, and H. D. Frazier, Alhambra, assignors to The Fluor Corporation, Ltd., Los Angeles, Calif. Extraction of acidic constituents from gases. 2,550,446, Apr. 24.
Blok, Henri, Eindhoven, Netherlands, assignor to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Indicating device constituted by a scale and an index which can move along a guide path. 2,578,965, Dec. 18.
Blok, Lourens, and G. P. Roszbach, Eindhoven, Netherlands, assignors, by mesne assignments, to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Circuit arrangement for generating a voltage varying lineally with the time. 2,539,007, Jan. 23.
Blom, Carl J., San Marino, assignor to Byron Jackson Co., Vernon, Calif. Motor pump. 2,545,422, Mar. 13.
Blom, Carl J., San Marino, assignor to Byron Jackson Co., Vernon, Calif. Seal structure. 2,550,667, May 1.
Blomberg, Barend J.: *See*—
Bakker, Willem, and Blomberg.
Levison, Robert, and Blomberg.
Blomberg, Martin P., Hinsdale, Ill., assignor to General Motors Corporation, Detroit, Mich. Brake shoe support mechanism. 2,571,410, Oct. 16.
Blomberg, Otto J., Chicago, Ill. Switch. 2,568,482, Sept. 18.
Blomén, Torsten, assignor to Aktiebolaget Linderoths Patenter, Stockholm, Sweden. Apparatus for separating solid particles from gases. 2,571,331, Oct. 16.
Blomgren, Hjalmar L., Creighton, Nebr. Submerged bearing for water wheels, turbines, or the like. 2,542,467, Feb. 20.
Blomquist, Arne M., Hopkins, Minn. Detachable handle, brush holder, and drain trough unit for paint pails. 2,540,860, Feb. 6.
Blomstrom, Ray E., Pillager, Minn. Floor board tightener. 2,546,294, Mar. 27.
Blondelle, Abel L. C., Paris, assignor to Enterprises Metropolitaines et Coloniales, Paris, Seine, France. Hauling machine. 2,549,163, Apr. 17.
Blonder, Isaac S.: *See*—
Rines, Robert H., and Blonder.
Blood, Ainsworth B., executor: *See*—
Jonkhoff, Henri W.
Blood, Robert H., Tulsa, Okla., assignor to Standard Oil Development Company. Thermal shock drilling bit. 2,548,463, Apr. 10.
Bloodworth, William A., and S. E. Ahlgren, San Antonio, Tex. Tire removing device with circumferentially distributed thrust members. 2,551,994, May 8.
Bloom, Arthur: *See*—
Kornberg, Irving, and Bloom.
Bloom, Charles E., assignee: *See*—
Strickman, Samuel W.
Bloom, Edward S.: *See*—
Grigsby, William E., and Bloom.
Bloom, George M., Rockford, Ill. Wooden roller construction for roller skates. 2,572,835, Oct. 30.
Bloom, Joseph C., assignee: *See*—
Nicholson, Albert N.
Bloom, Mortimer C.: *See*—
Von Hippel, Arthur, Bloom, and Schulman.
Bloomberg, David J., Newton, Mass., assignor to General Electric Company. Dual rotation turbine. 2,552,138, May 8.
Bloomberg, Harry, assignor to Alphonse Knoedler & Company, Lancaster, Pa. Umbrella tip and tip holder. 2,542,620, Feb. 20.
Bloomer Bros. Company, assignee: *See*—
Inman, William H.
Tobey, Leon H.
Bloomer, Edward J., Norwood, Manitoba, Canada. Coupling connection. 2,537,183, Jan. 9.
Bloomer, Edward J., Winnipeg, Manitoba, Canada. Windshield defroster. 2,546,355, Mar. 27.
Bloomer, Ward J., Westfield, N. J., assignor to The Lummus Company, New York, N. Y. Mixer. 2,560,069, July 10.
Bloomer, Ward J., Westfield, N. J., assignor to The Lummus Company, New York, N. Y. Evaporator. 2,560,070, July 10.
Bloomer, Ward J., Westfield, N. J., assignor, by mesne assignments, to Centrifix Corporation, Cleveland, Ohio. Fixed centrifugal device. 2,560,071, July 10.
Bloomer, Ward J., Westfield, N. J., assignor, by mesne assignments, to Centrifix Corporation, Cleveland, Ohio. Apparatus for fractionation. 2,560,072, July 10.
Bloomer, Ward J., Westfield, N. J., assignor, by mesne assignments, to Centrifix Corporation, Cleveland, Ohio. Fixed centrifugal device. 2,560,073, July 10.
Bloomer, Ward J., Westfield, N. J., assignor to The Lummus Company, New York, N. Y. Method and apparatus for burning fuel. 2,560,074, July 10.
Bloomer, Ward J., Westfield, N. J., assignor to The Lummus Company, New York, N. Y. Evaporator. 2,560,075, July 10.
Bloomer, Ward J., Westfield, N. J., assignor to The Lummus Company, New York, N. Y. Method and apparatus for burning fuel. 2,560,076, July 10.
Bloomer, Ward J., Westfield, N. J., assignor to The Lummus Company, New York, N. Y. Combustion apparatus and method. 2,560,078, July 10.
Bloomer, Ward J., Westfield, N. J., assignor to The Lummus Company, New York, N. Y. Refining of fatty acids. 2,571,663, Oct. 16.
Bloomer, Ward J., Westfield, N. J., and B. R. Wright, Lakewood, assignors to Centrifix Corporation, Cleveland, Ohio. Apparatus for contacting gases and liquids to effect concentration, fractionation, and the like. 2,560,077, July 10.
Bloomfield, Mabel G., Detroit, Mich. Crib cover. 2,566,790, Sept. 4.
Bloomfield, Samuel, Wichita, assignor to C. E. Hovey, Kansas City, Mo., as trustee. Slip-on nut. 2,566,593, Sept. 4.
Bloomfield, Samuel, Wichita, Kans., assignor to C. E. Hovey, Kansas City, Mo., trustee. Doorknob structure. 2,576,441, Nov. 27.
Bloomquist, Egner L., Minneapolis, Minn. Bottle-carrying means. 2,575,612, Nov. 20.
Bloomquist, Paul O.: *See*—
Jimenez, James A., Bloomquist, and Wells.
Bloomstran, Floyd H.: *See*—
Jones, James R., and Bloomstran.
Bloomstran, Floyd H., assignor to Art Metal Construction Company, Jamestown, N. Y. Mounting for typewriters or other machines on cabinets. 2,557,719, June 19.
Bloore, Ernest J., Brampton, Ontario, Canada. Loose-leaf binder. 2,572,305, Oct. 23.
Blosse, Jean C. J., Sannois, France. Optical viewer. 2,538,077, Jan. 16.
Blosser, Herman G., Pittsburgh, and F. H. Nicholson, Penn Township, Allegheny County, assignors to The Union Switch & Signal Company, Swissvale, Pa. Coded signaling apparatus. 2,559,391, July 3.
Blossey, Carl W., and M. G. Wright, Kokomo, Ind., assignors to General Motors Corporation, Detroit, Mich. Turret and treadle bar tuner. 2,571,411, Oct. 16.
Blouin, Maurice A., assignor to Simplex Time Recorder Co., Gardner, Mass. Interchangeable clock dial unit assembly. 2,575,090, Nov. 13.
Blount, Frank E., Cedar Grove, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Dial pulse receiving circuit. 2,580,069, Dec. 25.
Blount, Luther H., Warren, R. I. Ship. 2,560,153, July 10.
Bloxham, Verlin A., Berkeley, Calif. Drying hops. 2,559,107, July 3.
Bloxham, Ralph H., Mobile, Ala. Automatic stick rack filler. 2,555,567, June 5.
Bloxsom, Allan P., Houston, Tex. Locking slide fastener. 2,552,394, May 8.
Bloye, Ellsworth D., Hot Sulphur Springs, Colo. Building construction. 2,554,396, May 22.
Bludeau, Robert E., East Orange, N. J., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Cold treatment apparatus and method. 2,552,030, May 8.
Bludeau, Robert E., East Orange, and J. H. Bucknam, Cranford, N. J., assignors, by mesne assignments, to Union Carbide and Carbon Corporation. Cold treating machine. 2,552,029, May 8.
Blue, Robert D., assignor to The Dow Chemical Company, Midland, Mich. Metallurgical apparatus. 2,567,838, Sept. 11.
Blue, Roy E., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Shock absorber. 2,562,595, July 31.
Blue Bell, Inc., assignee: *See*—
Hovell, Reynolds W.
Blue Channel Corporation, The, assignee: *See*—
Harris, Sterling G., and Carrington.
Blue Robin Corporation, assignee: *See*—
Jenny, René.
Bluestein, Ben A., Scotia, N. Y., assignor to General Electric Company. Trimethylisothiocyanatosilane. 2,559,340, July 3.
Bluestone, Henry, and R. E. Lidov, Denver, J. H. Knaus, Longmont, and P. W. Howerton, assignors to Julius Hyman & Company, Denver, Colo. Producing heptachlor. 2,576,666, Nov. 27.
Bluford, Guion S., Philadelphia, and C. W. Musser, Glenside, Pa. Artillery ammunition training round. 2,541,025, Feb. 13.
Bluhm, Fred A., Michigan City, Ind. Clothespin. 2,554,808, May 29.
Blum, Chase, Cincinnati, Ohio. Track door structure. 2,571,664, Oct. 16.
Blum, Hosmer L., assignor to Bowser, Inc., Fort Wayne, Ind. Liquid sampling apparatus. 2,548,193, Apr. 10.
Blum, Hosmer L., assignor to Bowser, Inc., Fort Wayne, Ind. Reciprocating plunger type bottle opener. 2,559,845, July 10.

Blum, Jack I., Philadelphia, Pa. Display rack. 2,572,434, Oct. 23.
Blum, Otto, New York, N. Y. Leveling mount for camera tripods. 2,563,389, Aug. 7.
Blum, Paul, Brooklyn, N. Y. Foldable seat and umbrella case. 2,560,079, July 10.
Blumberg, Hamilton G., and E. M. Stevens, San Antonio, Tex. Combined automatic fuel conditioner with steam injection. 2,573,241, Oct. 30.
Blumberg, Hans, Peabody, Mass. Making a rubberlike cleaning composition. 2,546,383, Mar. 27.
Blume, George F., Philadelphia, Pa. Heavy-duty luggage. 2,555,778, June 5.
Blumenbaum, Louis, Cranston, R. I., assignor to Scott Testers, Inc. Gearbox. 2,538,665, Jan. 16.
Blumenfeld, Joseph: *See*—
Kaczalskli, Efraim.
Weber, Isaac E., and Blumenfeld.
Blumensaadt, Svend G., Beachwood. Village, assignor to The Universal Wire Spring Company, Cleveland, Ohio. Portable clipping tool. 2,574,811, Nov. 13.
Blumensaadt, Svend G., Beachwood Village, W. H. Neely, and N. A. Page, assignors to Universal Wire Spring Company, Cleveland, Ohio. Wire spring structure for seat constructions. 2,560,842, July 17.
Blumenstein, Joseph, Cold Spring Harbor, assignor to "Sur-Grip" Inc., New York, N. Y Spring hand gripping control garment hanger construction. 2,575,158, Nov. 13.
Blumenthal, Emanuel A., Atlantic Beach, N. Y. Tracking system and valve therefor. 2,559,588, July 10.
Blumenthal, Francis H., assignor to West Coast Fittings Co., Los Angeles, Calif. Fixture hanger. 2,574,205, Nov. 6
Blumenthal, Sidney, & Co., Inc., assignee: *See*—
Abbott, Arthur R.
Ferguson, Duncan, MacDougall, and Meyer.
Blumenthal, Warren B., Niagara Falls, assignor to National Lead Company, New York, N. Y. Production of titanium tetraiodide. 2,550,447, Apr. 24.
Blumlein, Alan D., deceased, Ealing, London, England, by D. Walker, executrix, Lanherne, Lescudjack, Penzance, Cornwall, assignor to Electric & Musical Industries Limited. Hayes, England. Apparatus for generating electrical pulses. 2,545,018, Mar. 13.
Blumlein, Alan D., deceased, Ealing, London, England, by D. Walker, executrix, Lanherne, Lescudjack, Penzance, Cornwall, assignor to Electric & Musical Industries Limited, Hayes, England. Electrical bridge arrangement. 2,564,390, Aug. 14.
Blundell, Ira G., Sparks, Nev. Smoker. 2,561,684, July 24.
Blunk, Arch R.: *See* –
Helman, Clifford S., and Blunk.
Bly, Charley M., Arcadia, Fla. Map marking pin. 2,554,397, May 22.
Bly, Simon, New York, N. Y. Envelope frame picture card. 2,576,667, Nov. 27.
Blythe, Harry, Denver, Colo. Conduit bender. 2,537,254, Jan. 9.
Blythe, Louis H., Evansville, Ind. Display device. 2,549,658, Apr. 17.
Bo, Gilbert: *See* –
Jacob, Robert M., Bo, and Robert.
Broadway, Thaddeus J., Pampa, Tex. Standing valve extractor. 2,537,810, Jan. 9.
Boadwee, Russel K.: *See*—
Guild, Lurelle, and Boadwee.
Boak, Willis E., Burton, Ohio, assignor to The American Steel and Wire Company of New Jersey. Abrasive suspensions. 2,548,582, Apr. 10.
Boal, Stewart, Winnetka, assignor to Randolph Laboratories, Inc., Chicago, Ill. Fire extinguisher. 2,560,407, July 10.
Board of Trustees of The Leland Stanford Junior University, The, assignee: *See*—
Varian, Russell H.
Boardman, Harry C., Chicago, Ill., assignor to Chicago Bridge & Iron Company. Support for containers. Re. 23,335, Jan. 30.
Boardman, Harry C., Chicago, Ill., assignor to Chicago Bridge & Iron Company. Storing volatile liquids. 2,544,651, Mar. 13.
Boardman, Harry D., assignee: *See*—
Merriman, Henry H.
Boarman, Robert W., assignor to Columbia Boiler Co., Pottstown, Pa. Oil burner mounting. 2,575,613, Nov. 20.
Boase, William J., Negaunee, Mich. Plat pocket loader. 2,539,770, Jan. 30.
Boat, Earl M.: *See*—
Emery, Alfred H., Bishop, and Boat.
Boat, Earl M., assignor to Standard Gage Company, Inc., Poughkeepsie, N. Y. Gauge head for small bores. 2,547,364, Apr. 3.
Boatright, Arthur T., South Gate, assignor to Textool Products Co., Inc., Vernon, Calif. Pipe slip insert. 2,552,618, May 15.
Boax, John J., McKeesport, Pa. Hair singeing apparatus. 2,577,839, Dec. 11.
Bobalek, Edward G., assignor to The Arco Company, Cleveland, Ohio. Interpolymer formed from monovinylaromatic polymer, drying oil or acid, polyhydric alcohol, and polybasic acid. 2,549,767, Apr. 24.
Bobard, Emile, Beaune, France. Apparatus for making use of the suction stroke in internal-combustion engines. 2,541,740, Feb. 13.
Bobard, Emile, Beaune, France. Mounting of fans controlled by the rotation of vehicle wheels. 2,541,741, Feb. 13.
Bobard, Emile, Beaune, France. Agricultural tractor and coupling device therefor. 2,554,556, May 29.
Bobard, Emile, Beaune, France. Multiple motors for vehicles and control thereof. 2,575,256, Nov. 13.
Bobb, Lloyd J., Glenside, assignor to The International Electronics Company, Philadelphia, Pa. Magnetic head assembly. 2,555,110, May 29.
Bobbs, Paul A.: *See*—
Bobbs, William P. and P. A.
Bobbs, William P. and P. A., Toronto, Ontario, Canada. Metering spring closure for dispensing tubular containers. 2,556,571, June 12.
Bober, Albert, New York, N. Y. Lid clamp for containers. 2,542,621, Feb. 20.
Bobier, Wilfred S., Jr., Groose Pointe, and W. H. Cowles, Detroit, Mich., assignors to G. M. and E. Holley. Acceleration fuel control responsive to air pressure and temperature, speed, and fuel flow for gas turbines. 2,557,526, June 19.
Bobo, Ned, assignee: *See*—
Siens, Jay.
Bobrick, Arthur L., assignor to Bobrick Manufacturing Corporation, Los Angeles, Calif. Liquid dispenser. 2,545,988, Mar. 20.
Bobrick Manufacturing Corporation, assignee: *See* –
Bobrick, Arthur L.
Bobrov, Samuel H., Chicago, Ill. Extensible and retractable implement and container therefor. 2,575,788, Nov. 20.
Bobrowski, Henry, Morris, Manitoba, Canada. Underslung self-contained conveyor. 2,539,689, Jan. 30.
Bobst, Henri, Lausanne, Switzerland. Sheet feeding machine. 2,549,364, Apr. 17.
Bobst, Henri, Lausanne, Switzerland. Registering device for use with machines handling punctured sheets. 2,572,691, Oct. 23.
Bobst, Henri, Lausanne, Switzerland. Gripper release mechanism for sheet handling machines. 2,579,540, Dec. 25.
Bobst, Henri, Lausanne, Switzerland. Control mechanism for the delivery stack of sheet working machines. 2,579,541, Dec. 25.
Bobst, Joseph S., Milwaukee, Wis. Truss or beam for metallic building structures. 2,574,241, Nov. 6.
Bocciarelli, Carlo V., Elkins Park, assignor to Philco Corporation, Philadelphia, Pa. Electrical regulator. 2,542,468, Feb. 20.
Bocciarelli, Carlo V., Elkins Park, assignor to Philco Corporation, Philadelphia, Pa. Electrical system. 2,552,139, May 8.
Bocciarelli, Carlo V., assignor to Philco Corporation, Philadelphia, Pa. Deflection yoke. 2,570,425, Oct. 9.
Bochmann, Otto, O. Schröder, and W. Lenk, assignors to Barmer Maschinenfabrik Aktiengesellschaft, Remscheid-Lennep, Germany. Twisting mechanism. 2,574,957, Nov. 13.
Bocil Corporation, assignee: *See*—
Jenkins, Clarence E.
Lang, Joseph C.
Bock, Charles D., New York, assignor to Arma Corporation, Brooklyn, N. Y. Gun fire control mechanism. 2,562,981, Aug. 7.
Bock, Charles D., and R. K. Bonell, New York, assignors to Arma Corporation, Brooklyn, N. Y. Nonlinear electrical rectifier. 2,567,691, Sept. 11.
Bock, Charles E., Cleveland, and R. P. Burrows, Jr., South Euclid, Ohio, assignors to General Electric Company. Quartz working process and article. 2,579,108, Dec. 18.
Bock, George E.: *See*—
Metcalf, Irving R., and Bock.
Bock, Louis H.: *See*—
De Benneville, Peter L., and Bock.
Bock, Louis H., Huntingdon Valley, assignor to Röhm & Haas Company, Philadelphia, Pa. Modification of cellulose by boron trifluoride solution. 2,554,439, May 22.
Bock, Louis H., Huntingdon Valley, and L. S. Luskin, assignors to Rohm & Haas Company, Philadelphia, Pa. Phenoxyethyl quaternary ammonium salts. 2,547,365, Apr. 3.
Bock, Louis H., Huntingdon Valley, Pa., N. H. Leake, Bristol, Tenn., and J. L. Rainey, Abington, assignors to Rohm & Haas Company, Philadelphia, Pa. Thiuronium compounds. 2,547,366, Apr. 3.
Bock, Richard G., Chicago, Ill. Television antenna. 2,553,295, May 15.
Bock, Richard G., Chicago, Ill. Slide rule for indicating productivity of operator or machine and/or the quality level of a process. 2,563,512, Aug. 7.
Bock, Walter F., Melrose Park, Ill. Renewable cutter for quarry drills. 2,545,913, Mar. 20.

Bockius, Christopher, Ridgewood, N. J., assignor to American Machine & Foundry Company. Article storing and dispensing device. 2,560,928, July 17.
Bockius, George H., and C. E. Erickson, assignors to Diabold, Incorporated, Canton, Ohio. Filing appliance. 2,574,523, Nov. 13.
Bockius, L. V., assignee: *See*—
Adams, Douglas D., Rollius, and Risher.
Böckman, Marius: *See*—
Lamm, Uno, and Böckman.
Böckman, Marius F. D., and S. Aa. Vörts, Ludvika, assignors to Allmänna Svenska Elektriska Aktiebolaget, Vasteras, Sweden. Protection spark gap. 2,565,945, Aug. 28.
Bockstahler, Earl R., Indianapolis, Ind., assignor to Allied Laboratories, Inc., Kansas City, Mo. Diethylaminoethyl alkoxybenzilates. 2,570,181, Oct. 9.
Bockus, Rubert C., assignor to Gem Crib and Cradle Company, Gardner, Mass. Picture holding furniture panel. 2,550,762, May 1.
Bödcher, Herman F. V., and E. J. von Heidenstam, Stockholm, Sweden. Malting plant and method in which the grain is successively moved and aerated during malting. 2,545,542, Mar. 20.
Boddie, Clarence A., Belmar, N. J. Harmonic coaxial-line tube. 2,541,026, Feb. 13.
Boddinghouse, Emmons R.: *See*—
Breitenstein, Victor W., and Boddinghouse.
Boddy, Leonard, and S. B. Atwood, Jr., assignors to King-Seeley Corporation, Ann Arbor, Mich. Paint applying apparatus. 2,578,918, Dec. 18.
Bode, John N., Birmingham, Mich. Laminated paper product. 2,576,278, Nov. 27.
Boden, Ernest G., assignor to The Timken Roller Bearing Company, Canton, Ohio. Bearing mounting. 2,538,229, Jan. 16.
Boden, Marston H., Weston, Mass. Attachment for rotary impact tools. 2,540,161, Feb. 6.
Boden, Ruth E., San Mateo, Calif. Covered dish. 2,561,902, July 24.
Bodensieck, Ernst J., Euclid, assignor to Thompson Products, Inc., Cleveland, Ohio. Fuel system for heaters. 2,567,143, Sept. 4.
Boder, Robert, Zurich-Oerlikon, Switzerland. Fountain pen. 2,541,685, Feb. 13.
Boderman, Albert O., assignee: *See*—
Blanco, Joseph R.
Bodez, Pierre, assignor to Societe française Sadir-Carpentier, Paris, France. Radio-goniometric system. 2,578,966, Dec. 18.
Bodge, Walter A., Portis, assignor to Harmon Machine Company, Inc., Wichita, Kans. Tool for sharpening agricultural implements. 2,567,868, Sept. 11.
Bodian, Marcus, assignor to Sunbeam Lighting Company, Los Angeles, Calif. Indirect lighting fixture. 2,544,581, Mar. 6.
Bodiford, Grover T., assignee: *See*—
Buchanan, Lloyd A.
Bodin, Grace A., and H. C. Seidl, St. Paul, Minn. Sleeve closure. 2,546,057, Mar. 20.
Bodine, Albert G., Jr., Van Nuys, Calif. Method of and apparatus for treating wells. Re. 23,381, June 26.
Bodine, Albert G., Jr., Van Nuys, Calif. Standing wave heat engine with means for supplying auxiliary air. 2,543,758, Mar. 6.
Bodine, Albert G., Jr., Van Nuys, Calif. Pulse jet standing wave engine with movable wave reflecting means. 2,546,965, Apr. 3.
Bodine, Albert G., Jr., Van Nuys, Calif. Multicircuit quarter wave pulse jet engine. 2,546,966, Apr. 3.
Bodine, Albert G., Jr., Van Nuys, Calif. Deep well pump. 2,553,541, May 22.
Bodine, Albert G., Jr., Van Nuys, Calif. Deep well pump apparatus. 2,553,542, May 22.
Bodine, Albert G., Jr., Van Nuys, Calif. Pumping apparatus. 2,553,543, May 22.
Bodine, Albert G., Jr., Van Nuys, assignor to Soundrill Corporation, Los Angeles, Calif. Earth boring apparatus. 2,554,005, May 22.
Bodine, Albert G., Jr., Van Nuys, Calif. Deep well pump. 2,572,977, Oct. 30.
Bodine, Albert G., Jr., Van Nuys, Calif. Engine detonation control by acoustic methods and apparatus. 2,573,536, Oct. 30.
Bodine Electric Company, assignee: *See*—
Harvey, Thaddeus F.
Bodkin, Edwin O., assignor to L. A. Fordon, Detroit, Mich. Corner reinforcing member and bail ear. 2,552,929, May 15.
Bodkin, Ernest A., Pitman, and J. W. Payne, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated. Extrusion of a frozen and thawed hydrogel. 2,564,776, Aug. 21.
Bodle, Alexander T., assignor to Dodge Manufacturing Corporation, Mishawaka, Ind. Belt measuring device. 2,545,189, Mar. 13.
Bodle, Alexander T., assignor to Dodge Manufacturing Corporation, Mishawaka, Ind. Ball-bearing shifter collar. 2,556,412, June 12.
Bodle, William W., North Kansas City, Mo., and W. W. Deschner, Kansas City, Kans., assignors to J. F. Pritchard & Co., Kansas City, Mo. Treating natural gas. 2,557,171, June 19.
Bodman, John W., Winchester, F. J. Squire, Milton, Mass., and G. W. Busby, Jr., Baltimore, Md., assignors to Lever Brothers Company, Cambridge, Mass. Centrifugal separation of kettle soap. 2,572,102, Oct. 23.
Bodmer, Ernest, Grand-Lancy-Geneva, assignor to Tarex S. A., Geneva, Switzerland. Automatic screw-cutting lathe. 2,548,937, Apr. 17.
Bodmer, Ernest, Grand-Lancy-Geneve, assignor to Tarex S. A., Geneva, Switzerland. Automatic screw-cutting lathe. 2,578,221, Dec. 11.
Bodwell, Corliss L., Springvale, assignor to Goodall-Sanford, Inc., Sanford, Me. Fabric thickness gauge. 2,538,858, Jan. 23.
Body, René L. J., assignor to Societe Anonyme des Etablissements Charles Testut, Paris, France. Lever-balance weighing scale. 2,540,386, Feb. 6.
Boe, Carsten F., Wooddale, and W. R. Lowstuter, assignors to Atomix Inc., Wilmington, Del. Combined cleaning and polishing composition. 2,566,716, Sept. 4.
Boe, Luis A., Banfield, Argentina. Safety device for internal-combustion and more especially Diesel engines. 2,555,568, June 5.
Boeck, Frank W.: *See*—
Hoigaard, Cyrus J., and Boeck.
Boeckler, Benjamin C., Gross Ile, assignor, by mesne assignments, to Trenton Chemical Company, Trenton, Mich. Method and apparatus for separating gluten and wheat flour. 2,537,811, Jan. 9.
Boedecker, Fred R., assignee: *See*—
Boedecker, Fred R.
Boedecker, Peggy, administratrix: *See*—
Boedecker, Robert.
Boedecker, Robert, deceased; P. Boedecker administratrix of said R. Boedecker, assignor to F. R. Boedecker, Tacoma, Wash. Vertically adjustable scaffold carriage. 2,569,653, Oct. 2.
Boegel, Maurice J.: *See*—
Hirsch, Joel H., and Boegel.
Boegly, William J., Mason, E. C. Bennett, R. S. Morrison, and C. Powell, Detroit, Mich., assignors to Sterling Drug, Inc., New York, N. Y. Container filling apparatus with automatically timed filling and conveyor movement means. 2,559,242, July 3.
Boehm, Alfred A., Jr., New York, N. Y. Dielectric test apparatus. 2,567,921, Sept. 18.
Boehm, Frederick E., Fulton County, Ohio. Smoker's pipe with a cleaner therefor. 2,565,797, Aug. 28.
Boehm, George L., and W. B. Rowley, Racine, Wis. Fish stringer holder. 2,564,389, Aug. 14.
Boehm, Michael, Schenectady, N. Y., assignor to General Electric Company. Motion arresting device. 2,557,720, June 19.
Boehm, Paul F., Greenwich, Conn. Cursor. 2,538,502, Jan. 16.
Boehm, Paul F., Greenwich, Conn. Cursor with lock. 2,541,858, Feb. 13.
Boehm, Robert M., assignor to Masonite Corporation, Laurel, Miss. Making a plywood product. 2,557,071, June 19.
Boehme, Walter, Forest Park, Ill. Burial vault cover receiving and handling apparatus. 2,537,812, Jan. 9.
Boehmer, Francis D.: *See*—
Armitage, Joseph B., Lukey, Riedel, and Boehmer.
Boehringer, Albert, assignee: *See*—
Thomä, Otto.
Boehringer, Ernst, assignee: *See*—
Thomä, Otto.
Boeing Airplane Company, assignee: *See*—
Anderson, Roy H.
Drakeley, George T., and Finlay.
Euler, Donald J., Crittenden, and Brandt.
Foster, Clair C.
Jennings, Norman R., and Larson.
Jepson, Alfred B., and Cooper.
Kirkbride, John F., and Whitener.
Korsberg, John F.
McCoy, Joe, and Weining.
Morrison, John A.
Morrison, John A., and Weiland.
Orlob, Glenn.
Snyder, George.
Stark, William N.
Stedman, Cecil K., Price, and Wisner.
Stoner, George H., and Sourwine.
Wells, Edward C.
Boeing Airplane Company, Wichita Division, assignee: *See*—
Borngesser, Oscar R.
Corns, Robert V.
Skidmore, Wallace E., Person, and Terdina.
Boeing, Harry H.: *See*—
Szegho, Constantin S., and Boeing.
Boeke, Jan: *See*—
Snoek, Jacob L., Boeke, and Louwerse.
Boekeloo, Merrill E., San Gabriel, Calif. Marking device and inker therefor. 2,571,008, Oct. 9.
Boeker, Justin R.: *See*—
Lyon, Herman L., and Boeker.
Boel, Henry C., and B. C. Hallberg, assignors to B. H. B. Mfg. Co. Inc., Rockford, Ill. Plier type shot splitting tool. 2,571,819, Oct. 16.
Boelter, Llewellyn M. K.: *See*—
Gier, Joseph T., Boelter, Bromberg, and Dempster.

Boenker, Ollie D., Fort Worth, Tex. Dispensing apparatus with plural compartments and a valved, flexible, retractable conduit for each compartment. 2,536,835, Jan. 2.

Boero, Louis: *See*—
Andresen, William A., and Boero.

Boersma, Barney, and J. S. Robinson, Grand Rapids, Mich., assignors to Sackner Products, Inc. Machine for manufacturing binding tapes or ties. 2,560,923, July 17.

Boesche, Frank H., and L. D. Staver, Washington, D. C., and P. L. Griffith, Montclair, N. J., assignors to Brake-Trol Corporation, Washington, D. C. Brake control system. 2,571,821, Oct. 16.

Boettcher, Gustav A., Jackson Heights, N. Y. Looper mechanism or replacement unit for multiple needle lock stitch sewing machines. 2,563,639, Aug. 7.

Boettcher, Harold C., Chicago, Ill. Meat-separating grid for meat tendering appliances. 2,537,003, Jan. 9.

Boettcher, Justus G.: *See*—
Shugart, Robert B., and Boettcher.

Boettcher, Robert E.: *See*—
Gardner, Glenn L., and Boettcher.

Boettger, Walter L., Shelby, Iowa. Wagon-box attachment for endgate seeders. 2,536,532, Jan. 2.

Boettinger, Rudolph, Englewood, N. J. Tire chain applier. 2,571,665, Oct. 16.

Bofinger, Karl: *See*—
Maher, William W., and Bofinger.

Bogaev, Max, assignee: *See*—
Embree, Craige L.

Bogan, Felix K., Milldale, Conn. Reversible mop. 2,572,978, Oct. 30.

Bogart, Henry G., Brooklyn, N. Y., assignor to Magnaflux Corporation, Chicago, Ill. Instrument for inspecting the interior of cavities. 2,541,976, Feb. 20.

Bogart, Marcel J. P., Mamaroneck, and A. S. Brunjes, Plandome, assignors to The Lummus Company, New York, N. Y. Recovery of phenol from dilute aqueous solutions. 2,573,244, Oct. 30.

Bogdan, Benjamin W., Dedham, Mass., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Refrigerant compressor. 2,571,820, Oct. 16.

Bogdanoff, John L., Mahwah, N. J., assignor to Wright Aeronautical Corporation. Governor. 2,544,523, Mar. 6.

Boge, Adolf, Jr.: *See*—
Boge, Adolf, Sr., and A. Boge, Jr.

Boge Adolf, Sr., Altgluck, and A. Boge, Jr., Eitrof, Germany. Universal joint. 2,559,108, July 3.

Bogen, Einar I., Hyde Park, Mass. Shield for rotary mixers. 2,570,310, Oct. 9.

Boggs, Sam H., Dallas, Tex. Lawn trimmer. 2,538,230, Jan. 16.

Boggs, Samuel D., Jr., Clarendon Hills, and R. R. Handelman, assignors, by mesne assignments, to A. J. Parcelle, Chicago, Ill. Vehicle body lift and hitch. 2,560,625, July 17.

Boggs, Walter W., Downey, assignor to Luber-Finer Incorporated, Los Angeles, Calif. Filter. 2,561,685, July 24.

Bogin, Herman H., assignor to Parke, Davis & Company, Detroit, Mich. Enteric vitamin preparations. 2,553,544, May 22.

Bogin, Herman H., assignor to Parke, Davis & Company, Detroit, Mich. Process and apparatus for manufacturing capsules. 2,575,789, Nov. 20.

Bogin, Herman H., Detroit, and E. R. Jones, Grosse Pointe Farms, assignors to Parke, Davis & Company, Detroit, Mich. Enteric composition and making same. 2,553,806, May 22.

Bogin, Herman H., and R. D. Feick, assignors to Parke, Davis & Company, Detroit, Mich. Stabilized sodium pantothenate composition. 2,555,463, June 5.

Bogin, Herman H., and R. D. Feick, assignors to Parke, Davis & Company, Detroit, Mich. Flavoring compositions and making same. 2,555,464, June 5.

Bogin, Herman H., and R. D. Feick, assignors to Parke, Davis & Company, Detroit, Mich. Flavoring compositions and making same. 2,555,465, June 5.

Bogin, Herman H., and R. D. Feick, assignors to Parke, Davis & Company, Detroit, Mich. Food compositions. 2,555,466, June 5.

Bogin, Herman H., and R. D. Feick, assignors to Parke, Davis & Company, Detroit, Mich. Fatty food compositions and making same. 2,555,467, June 5.

Bogin, Herman H., and R. D. Feick, assignors to Parke, Davis & Company, Detroit, Mich. Fatty food compositions and making same. 2,555,468, June 5.

Bogot, Herman: *See*—
Eckstein, Arnold, and Bogot.

Bohannon, Richard O., R. V. Moore, and F. E. Brooks, Yakima, Wash. Pneumatic tire tread. 2,551,238, May 1.

Bohanon, Hoy R., Lakewood, Ohio. Valveless intermittent ram-jet engine. 2,574,460, Nov. 13.

Bohart, Elmer J., Yakima, Wash. Fishing lure. 2,561,647, July 24.

Bohlander, Paul T., Aliquippa, assignor to Jones & Laughlin Steel Corporation, Pittsburgh, Pa. Apparatus for swaging metals. 2,577,303, Dec. 4.

Bohlen, Charles I., Doylestown, assignor to Hose Accessories Company, Philadelphia, Pa. Making valves. 2,573,177, Oct. 30.

Bohlinger Bros., assignee: *See*—
Bohlinger, Ernst A.

Bohlinger, Ernst A., Astoria, assignor to E. A. and G. A. Bohlinger, doing business as Bohlinger Bros., New York, N. Y. Jewelry attachment. 2,548,140, Apr. 10.

Bohlinger, Gustave A., assignee: *See*—
Bohlinger, Ernst A.

Bohmer, Clarence I.: *See*—
Yantes, William H., Bohmer, and Barker.

Bohmer, Clarence I., assignor to The Jaeger Machine Company, Columbus, Ohio. Shutoff gate for the open end of transit mixers. 2,578,170, Dec. 11.

Bohn Aluminum & Brass Corporation, assignee: *See*—
Goldsmith, Allen L.
Hickman, Charles E.
McCullough, William E.
McCullough, William E., and Goerke.

Bohn, Donald I., Pittsburgh, assignor to I. T. E. Circuit Breaker Company, Philadelphia, Pa. Circuit breaker trip mechanism. 2,543,398, Feb. 27.

Bohn, Donald I., Pittsburgh, Pa. Engine speed governor. 2,568,380, Sept. 18.

Bohn, Donald L., Pittsburgh, Pa. Temperature control switch. 2,571,822, Oct. 16.

Bohnenblust, Walter H., Kansas City, Mo. Air-current deflector. 2,561,778, July 24.

Bohnert, John I., Washington, D. C., and A. S. Dunbar, Morningside, Md. Dual purpose antenna. 2,570,197, Oct. 9.

Bohnet, William J., New York, and G. D. Bagley, Lewiston, N. Y., assignors to Union Carbide and Carbon Corporation. Electric induction furnace. 2,570,311, Oct. 9.

Bohonos, Nestor: *See*—
Whiffen, Alma J., Emerson, and Bohonos.

Bohus Mekaniska Verkstads Aktiebolag, assignee: *See*—
Gröndahl, Karl T.

Boice-Crane Company, assignee: *See*—
Boice, William B.

Boice, Elvin G., assignor to Reed Roller Bit Company, Houston, Tex. Tool joint wear collar. 2,546,295, Mar. 27.

Boice, William B., assignor to Boice-Crane Company, Toledo, Ohio. Abrasive wheel drive. 2,537,394, Jan. 9.

Boice, William B., assignor to Boice-Crane Company, Toledo, Ohio. Band tool guide. 2,566,551, Sept. 4.

Boice, William B., assignor to Boice-Crane Company, Toledo, Ohio. Jointer fence adjustment. 2,579,224, Dec. 18.

Boicey, James H.: *See*—
Gaiser, Romey A., and Boicey.

Boiler Specialties Corporation, assignee: *See*—
Giesen, Arthur A.

Boisblanc, Darius H., Lafayette, La. Bottle warming and sterilizing device. 2,537,439, Jan. 9.

Boisselier, Earl D.: *See*—
Felix, Otto, Mayers, and Boisselier.

Boisselier, Earl D., Glen Ellyn, assignor to Sears, Roebuck and Co., Chicago, Ill. Playground swing support. 2,563,097, Aug. 7.

Boisselier, Earl D., Glen Ellyn, assignor to Sears, Roebuck and Co., Chicago, Ill. Infant's play pen. 2,563,915, Aug. 14.

Boissonnault, Ronaldo, assignor to Sicard Inc., Montreal, Quebec, Canada. Load collecting refuse vehicle and packing device therefor. 2,561,608, July 24.

Boissonou, Clifford J., Concord, and W. J. Yates, Martinez, assignors to Shell Development Company, San Francisco, Calif. Insecticidal and fungicidal spray oil. 2,560,626, July 17.

Boivin, Peter H., Granby, assignor to Dominion Corset Company Limited, Quebec, Quebec, Canada. Elastic webbing. 2,558,336, June 26.

Boivinet, Jean H., Aix-en-Provence, assignor to Compagnie de Produits Chimiques et Electrometallurgiques Alais, Froges et Camargue, Paris, France. Method and apparatus for continuous centrifugal separation. 2,557,629, June 19.

Boizard, Robert A.: *See*—
Secondi, Raymond G., and Vacheron.

Bojanower, Albert M., and R. D. Spearman, Downey, Calif. Plate cylinder and ink roll mounting for printing presses. 2,542,229, Feb. 20.

Bojanower, Albert M., and R. D. Spearman, Downey, Calif. Effecting print roll register in multicolor printing presses. 2,570,045, Oct. 2.

Bojner, Gustav, Stockholm, Sweden. Device for friction driven drums. 2,576,210, Nov. 27.

Bokich, Tony O., Gary, Ind. Filter bag and system. 2,551,312, May 1.

Boklep, Henry O., Belview, Minn. Ice-fishing heater. 2,541,328, Feb. 13.

Boldebuck, Edith M., Schenectady, N. Y., assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Esters of ethynyl siliconic acid. 2,551,924, May 8.

Bolding, Hubert V., Jeffersonville, Ind., assignor to The Bradley & Gilbert Company, Louisville, Ky. Dispensing display carton. 2,549,568, Apr. 17.

Bolding, Hubert V., Jeffersonville, Ind., assignor to The Bradley & Gilbert Company, Louisville, Ky. Collapsible cellular carton. 2,574,461, Nov. 13.

Boldizzoni, Teobaldo G., New York, N. Y. Glove smoothing and stretching machine. 2,566,552, Sept. 4.

Bolduc Manufacturing Co. Inc., assignee: *See*—
Bolduc, Russell E.
Bolduc, Russell E., Chicopee Falls, assignor to Bolduc Manufacturing Co. Inc., Springfield, Mass. Theftproof cap structure for fill pipes. 2,565,166, Aug. 21.
Bole, Robert K.: *See*—
Wertman, David, and Bole.
Bolens, Harry W., Port Washington, Wis., assignor, by mesne assignments, to The Seng Company, Chicago, Ill. Chair iron hub. 2,542,469, Feb. 20.
Boleski, Alexander J.: *See*—
Benisek, Louie J., and Boleski.
Bolesky, John D., Mansfield, assignor, by mesne assignments, to A. Medert, Cleveland, and R. W. Bolesky, Mansfield, Ohio, as trustees. Thermostatic switch. 2,538,080, Jan. 16.
Bolesky, Russel W., assignee: *See*—
Bolesky, John D.
Bolger, Joseph A., Philadelphia, Pa. Hooked rug making device. 2,578,038, Dec. 11.
Bolger, Paul S., Forest Hills, N. Y. Folding pull toy. 2,577,102, Dec. 4.
Bolidens Gruvaktiebolag, assignee: *See*—
Gustafsson, Gotthard V. A.
Malmqvist, Johan D., and Thomaeus.
Boling, Marion L., assignor to O. J. Boling, Seattle, Wash. Envelope. 2,568,786, Sept. 25.
Boling, Ona J., assignee: *See*—
Boling, Marion L.
Boling, Ronald W., Hendersonville, assignor of one-half to R. W. Lindsay, Enka, N. C. Timing device. 2,570,754, Oct. 9.
Bolkcom, Wilbur T., Hampton Township, Allegheny County, assignor to American Metallurgical Products Company, Pittsburgh, Pa. Metallurgical addition agent. 2,569,146, Sept. 25.
Boll, Herbert H., Los Angeles, Calif. Lamp head and switch. 2,539,113, Jan. 23.
Bollaert, Edgard M., assignor to United States Gypsum Company, Chicago, Ill. Making color ornamented asbestos-cement sheets. 2,573,659, Oct. 30.
Bollay, William, Palisades, Calif. Supercharger. 2,555,312, June 5.
Boller, Henry A., Pontiac, Mich., assignor to Carter Carburetor Corporation, St. Louis, Mo. Metering rod support. 2,569,147, Sept. 25.
Bolling, Sidney R., Chicago, Ill. Sorting case. 2,570,636, Oct. 9.
Bollinger, Edward E., Lancaster, Pa. Transporting heavy loads. 2,550,219, Apr. 24.
Bollinger, Waldon P., Haddon Heights, N. J., F. A. Fuhrmeister, Havertown, Pa., and J. E. Hill, Jr., Moorestown, N. J., assignors to Radio Corporation of America. Pressurized radio system. 2,579,249, Dec. 18.
Bolljahn, John T., Washington, D. C. Wide-band antenna. 2,568,710, Sept. 25.
Bollman, Geo. W., & Co., Inc., assignee: *See*—
Reider, Malcolm J.
Bollons, Joseph, Willowdale, Ontario, Canada. Layout fixture for cutting operations on wooden trim. 2,560,756, July 17.
Bolongaro, James D., Charlbury, England. Motor-driven spade. 2,544,747, Mar. 13.
Bolongaro, James D., Charlbury, England. Reciprocatory hoe. 2,550,522, Apr. 24.
Bolser, Samuel E., assignee: *See*—
Bolser, William W.
Bolser, William W., Akron, assignor of one-half to S. E. Bolser, Canton, Ohio. Manually operated hydrant. 2,555,727, June 5.
Bolsey, Jacques, assignee: *See*—
Richartz, Paul J. M.
Bolsey, Jacques, New York, N. Y. Range finder mechanism. 2,541,193, Feb. 13.
Bolsey, Jacques, New York, N. Y. Injector and injecting arrangement for storage containers. 2,554,658, May 29.
Bolsey, Jacques, New York, N. Y. Counting arrangement for cinematographic cameras. 2,558,034, June 26.
Bolster, Calvin M., U. S. Navy. Centrifugal pump. 2,536,026, Jan. 2.
Bolt, John A., Chicago, Ill., and T. B. Tom, Hammond, Ind., assignors to Standard Oil Company, Chicago, Ill. Mercaptan removal. 2,550,905, May 1.
Bolton, John W., & Sons, Inc., assignee: *See*—
Larson, Oscar E.
Stuck, Harold D.
Bolton, Philip S., Newton, Mass., and J. J. Aid, New London, Conn., assignors to Robert Gair Company, Inc., New York, N. Y. Pallet. 2,559,930, July 10.
Boltuch, Leon, Bronx, N. Y. Bracket for universal adjustment. 2,537,927, Jan. 9.
Boltuch, Leon, Bronx, N. Y. Lamp arm with reinforcing cup for an electric lamp socket mounted thereon. 2,568,537, Sept. 18.
Boltuch, Leon, Bronx, N. Y. Lampholder for elongated tubular lamps. 2,570,514, Oct. 9.
Boltz, Howard A.: *See*—
Archer, Hugh M., and Boltz.
Boltzen, Adolph L., Brentwood, Calif. Bin feeding mechanism. 2,574,524, Nov. 13.
Bolvin, Camille M. F., and M. J. Lavet, Paris, France. Writing instrument. 2,536,124, Jan. 2.
Bolvinkel, Albert, New York, N. Y. Germ and draft preventing means for communicating openings in windows and the like. 2,539,655, Jan. 30.
Bomac Correctone Process Limited, assignee: *See*—
Gregory, Cresswell R.
Bompart, Reuben N., Helena, Mont. Emergency highway warning reflector. 2,561,173, July 17.
Bonadio, George A., Watertown, N. Y. Tone control. 2,547,251, Apr. 3.
Bonanno, Joseph L., assignee: *See*—
D'Amelio, Luigi.
Bonanno Joseph L., Madison, N. J., assignor to The Lionel Corporation, New York, N. Y. Toy tower construction. 2,536,487, Jan 2.
Bonanno, Joseph L., Madison, N. J., assignor to The Lionel Corporation, New York, N. Y. Toy searchlight. 2,574,905, Nov. 13.
Bonanos, Spyros N., New York, N. Y. Resilient openable top ash tray. 2,573,391, Oct. 30.
Bonard, Claude, administrator: *See*—
Dreyfus, Henry.
Bond, Clayton W., La Porte, Ind. Cover for open top trailers. 2,551,239, May 1.
Bond Displays, Inc., assignee: *See*—
Backus, Harold A.
Bond, Donald C., Northbrook, assignor to The Pure Oil Company, Chicago, Ill. Corrosion-resistant storage tank. 2,568,111, Sept. 18.
Bond, Donald C., Northbrook, and M. Savoy, assignors to The Pure Oil Company, Chicago, Ill. Oxidation of mercaptans. 2,571,666, Oct. 16.
Bond, Donald C., Northbrook, and N. B. Russell, Winnetka, assignors to The Pure Oil Company, Chicago, Ill. Regeneration of spent alkali. 2,574,525, Nov. 13.
Bond, Donald H., Houston, Tex., assignor to The Texas Company, New York, N. Y. Concentric pipe insulator and spacer. 2,551,867, May 8.
Bond, Donald S., Philadelphia, Pa., assignor to Radio Corporation of America. Multicellular microwave lens. 2,553,166, May 15.
Bond, Donald S., Philadelphia, Pa., assignor to Radio Corporation of America. Microwave radio transmission system. 2,553,167, May 15.
Bond, George R., Jr., Paulsboro, N. J., assignor to Houdry Process Corporation, Wilmington, Del. Preparation of acetophenone from alpha-methyl styrene. 2,542,985, Feb. 27.
Bond, George R., Jr., Paulsboro, N. J., assignor to Houdry Process Corporation, Wilmington, Del. Hydrocarbon conversion process with the use of a grainy silica-alumina type catalyst. 2,548,860, Apr. 17.
Bond, George R., Jr., Paulsboro, N. J., assignor to Houdry Process Corporation, Wilmington, Del. Acid-treated clay catalyst for cracking hydrocarbons. 2,551,580, May 8.
Bond, George R., Jr., Paulsboro, N. J., assignor to Houdry Process Corporation, Wilmington, Del. Preparation of a silica-metal oxide granular catalyst. 2,562,888, Aug. 7.
Bond, John: *See*—
Sachs, Carrol C., and Bond.
Bond, John N., Clay County, assignor to Superior Weatherproof Corporation, Kansas City, Mo. Window sash control and weather strip. 2,570,312, Oct. 9.
Bond, Willard H., Jr.: *See*—
Hoven, Alfred C., and Bond.
Bondhus, Frances J., Oskaloosa, Iowa, and H. L. Johnson, Media, Del., assignors to Sun Oil Company, Philadelphia, Pa. Dimerization of vinylcyclohexene. 2,543,092, Feb. 27.
Bondi, Arnold A., assignor to Shell Development Company, San Francisco, Calif. Alkali base lubricating greases. 2,545,190, Mar. 13.
Bondi, James: *See*—
Stoos, Norman T., Jr., and Bondi.
Bondurant, Carlton W., Dayton, Ohio, assignor to Standard-Thomson Corporation. Relief valve. 2,571,667, Oct. 16.
Bondy, Herbert F.: *See*—
Horne, Donald, Marshall, and Bondy.
Bone, Arnold R., Needham, assignor to Dennison Manufacturing Company, Framingham, Mass. Tag notching machine. 2,576,211, Nov. 27.
Bone, Evan P., Cincinnati, Ohio. Headlighting system. 2,562,258, July 31.
Bone, Herbert L., Forest Hills, assignor to The Union Switch & Signal Company, Swissvale, Pa. On track railway brake. 2,559,392, July 3.
Bone, Herbert L., Forest Hills, and G. V. Jefferson, Edgewood, Pa., assignors to Westinghouse Air Brake Company. Control switch. 2,575,994, Nov. 20.
Bonebrake, A. C., assignee: *See*—
Miller, Hugh A.
Bonebrake, Gay M., assignor to Wm. Wrigley, Jr., Company, Chicago, Ill. Expanding hub. 2,562,658, July 31.
Bonell, Ralph K.: *See*—
Bock, Charles D., and Bonell.
Bonfietti, Ebi P., Clearwater, Fla. Boat trailer. 2,562,596, July 31.
Bonham, Walter R., Palo Alto, Calif. Jamming roller clutch. 2,570,515, Oct. 9.
Bonin, Wilfred L., Woonsocket, R. I. Nut lock. 2,568,483, Sept. 18.

Bonini, John H., Appleton, assignor to Marathon Corporation, Rothschild, Wis. Laminated sheet material for packaging moisture-containing foods. 2,559,109, July 3.

Bonjour, Louis J. M., St. Jean des Vignes, France, assignor, by mesne assignments, to Pittsburgh Plate Glass Company, Pittsburgh, Pa. Drawing of flat glass. 2,543,225, Feb. 27.

Bonk, Theodore H., Tampa, Fla. Collapsible or folding infant's auto seat. 2,571,823, Oct. 16.

Bonkrud, Joel N., Pine Lawn, Mo. Squirt guard for type casting apparatus. 2,564,418, Aug. 14.

Bonn, Morris, Pittsburgh, Pa. Crutch and crutch attachment. 2,548,253, Apr. 10.

Bonna, Narve, Lommedalen, near Oslo, Norway. Wearing edge for skies. 2,548,094, Apr. 10.

Bonnassieux, Jean: *See*—
Sejournet, Jacques, and Bonnassieux.

Bonne, Robert, P. Cahour, and P. Grivet, Paris, France, assignors to Compagnie Generale de Telegraphie Sans Fil. Electron discharge tube and circuit arrangement therefor. 2,574,012, Nov. 6.

Bonnefoy, Pierre E. L., Paris, France. Combined pouring and sifting device for powdered material. 2,544,524, Mar. 6.

Bonnell, Gordon H., A. J. Bailey, and G. G. Garlick, assignors to Protection Products Manufacturing Company, Kalamazoo, Mich. Tank for use in impregnating wood. 2,578,039, Dec. 11.

Bonnell, William L., assignor to Trimedge, Incorporated, Youngstown, Ohio. Skirting molding for table tops. 2,549,414, Apr. 17.

Bonnell, William L., assignor to Trimedge, Incorporated, Youngstown, Ohio. Sink frame and mounting therefor. 2,549,415, Apr. 17.

Bonner, Frank E.: *See*—
Ernst, Walter, and Bonner.

Bonner, James W., Houston, Tex. Cement retainer and bridging plug for a well wall and a setting tool therefor. 2,551,240, May 1.

Bonner, Walter F., Glen Ridge, N. J., assignor to Federal Telephone and Radio Corporation, New York, N. Y. Rectifier. 2,537,961, Jan. 16.

Bonnet, André: *See*—
Picard, Rene, and Bonnet.

Bonnet, Louis, Cuxac-Carbardes, France, assignor to General Motors Corporation, Detroit, Mich. Ceramic composition. 2,571,526, Oct. 16.

Bonnet, Maurice, assignor to La Reliephographie, Societe pour l'Exploitation des Procedes de Photographie en relief M. Bonnet, Paris, France. Preparing metallic surfaces for the engraving thereof. 2,541,954, Feb. 13.

Bonnet, Maurice, assignor to La Reliephographie, Societe pour l'Exploitation des Procedes de Photographie en Relief Maurice Bonnet, Paris, France. Peristereoscopic printer for multiple image negatives. 2,567,633, Sept. 11.

Bonnet, Maurice, assignor to La Reliephographie, Société pour l'Exploitation des Procédés de Photographie en Relief, Maurice Bonnet, Paris, France. Static apparatus for relief photography. 2,573,242, Oct. 30.

Bonnet, Maurice, assignor to La Reliephotgraphie, Société pour l'Exploitation des Procédés de Photographie en Relief Maurice Bonnet, Paris, France. Camera for snapshot relief photography. 2,573,243, Oct. 30.

Bonnet, Maurice, assignor to La Reliephographie, Societe pour l'Exploitation des Procedes de Photographie en Relief Maurice Bonnet, Paris, France. Lathe for engraving cylindrical surfaces, with self-rectification. 2,578,222, Dec. 11.

Bonnet, Robert W.: *See*—
Road, Richard A., and Bonnet.

Bonnett, Gerson, V. A. Rayburn, and D. C. Robson, Baltimore, Md., assignors to Western Electric Company, Incorporated, New York, N. Y. Spinning apparatus for working articles. 2,547,110, Apr. 3.

Bonney, Lawrence S., Fort Jones, Calif. Building construction. 2,563,703, Aug. 7.

Bonniel, Jean, La Garde, France. Manufacturing latex articles. 2,567,317, Sept. 11.

Bonnin, Fred D., Fresno, Calif. Tandem axle spring suspension. 2,571,412, Oct. 16.

Bonotto, Michele, Princeton, N. J. Treatment of gossypol in solvent-extracted cottonseed meal. 2,551,581, May 8.

Bonotto, Michele, Princeton, N. J. Continuous processes for solvent extraction of oil from oil-bearing materials and refinement of the residual solid product. 2,567,179, Sept. 11.

Bonsack, Walter: *See*—
Well, Walter M., and Bonsack.

Bonsall, Edgar C., Falconbridge, Ontario, Canada, assignor, by mesne assignments, to J. K. Smit & Sons, Inc., Murray Hill, N. J. Diamond plug or blast hole bit. 2,558,415, June 26.

Bonser, Stanley W., Gilbert, Pa. Dual carburetor control. 2,536,716, Jan. 2.

Bontempi, Ignatius: *See*—
Cardella, Vito, and Bontempi.

Bonvillian, Claude A., Wynnewood, R. C. Brierly, Narberth, and S. Letvin, Philadelphia, Pa. Apparatus for the combustion of fuel, including a tubular walled combustion chamber. 2,569,446, Oct. 2.

Booe, James M., assignor to P. R. Mallory & Co., Inc., Indianapolis, Ind. Potential producing cell. 2,538,078, Jan. 16.

Booe, James M., assignor to P. R. Mallory, & Co., Inc., Indianapolis, Ind. Potential producing cell. 2,538,079, Jan 16.

Booe, James M., assignor to P. R. Mallory & Co., Inc., Indianapolis, Ind. Electrodeposition of metals and alloys. 2,545,566, Mar. 20.

Booe, James M., assignor to P. R. Mallory & Co. Inc., Indianapolis, Ind. Producing silver-thallium-indium alloys. 2,551,413, May 1.

Booher, Ortis C., Huntington, and J. M. Baxter, Fort Wayne, Ind., assignors to Farnsworth Research Corporation. Record guide mechanism. 2,572,004, Oct. 23.

Book Production Industries, Inc., assignee: *See*—
Hurwitz, Nathan A.

Bookhultz, Donald H.: *See*—
Zweifel, George E., and Bookhultz.

Bookman, Harry, Los Angeles, Calif. Front fender skirt. 2,577,673, Dec. 4.

Boon, William, East Paterson, assignor to The Eastern Cyclone Conveyor System, Inc., Passaic, N. J. Pneumatic conveyer system. 2,556,058, June 5.

Boon, William R., and W. G. M. Jones, Manchester, England, assignors to Imperial Chemical Industries Limited. 9,10-dihydropteridines and preparaing same. 2,557,721, June 19.

Boon, William R., H. C. Carrington, and C. H. Vasey, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited. 4,6-diketo-5,5-disubstituted pyrimidines and preparing same. 2,576,279, Nov. 27.

Boon, William R., H. C. Carrington, and C. H. Vasey, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited. Hexahydropyrimidine-4,6-diones. 2,578,847, Dec. 18.

Boone, William K., Jalapa, Vera Cruz, Mexico. Camp cookstove for burning comminuted fuel. 2,555,779, June 5.

Boonshoft, Oscar, Dayton, Ohio. Bomb sighting device. 2,546,145, Mar. 27.

Boonton Molding Company, asignee: *See*—
Sayre, Gordon B.

Boonton Radio Corporation, assignee: *See*—
McCool, William A.

Boor, John L.: *See*—
Boor, Mathias J. and J. L.

Boor, Mathias J. and J. L., Redwing, Kans. Wheel mount and steering assembly. 2,543,147, Feb. 27.

Boord, Clarence, Leon, Iowa. Toilet paper dispenser. 2,555,531, June 5.

Boorn, Howard F., Tenafly, N. J., assignor to United States Rubber Company, New York, N. Y. Providing plastic sheets with inlaid stripes. 2,539,690, Jan. 30.

Boorum and Pease Company, assignee: *See*—
Rennie, John A.

Boose, Oran B., Reamstown, Pa. Hose jumper. 2,539,343, Jan. 23.

Boosey, Edward W. N., Detroit, Mich. Floor drain. 2,550,400, Apr. 24.

Boosey, Edward W. N., Detroit, Mich. Floor drain. 2,550,401, Apr. 24.

Boosey, Edward W. N., Detroit, Mich. Floor drain. 2,550,402, Apr. 24.

Boosey, Edward W. N., Detroit, Mich. Waste flow control. 2,575,905, Nov. 20.

Boosey, Frederick R., J. Loxham, A. E. Castleton, and C. J. Hart, assignors to The Sigma Instrument Company Limited, Letchworth, England. Machine for inspecting workpieces. 2,556,413, June 12.

Boosinger, Thomas H., Glenolden, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Fuel trap for combustion apparatus of gas turbine engines. 2,578,501, Dec. 11.

Boosman, Herman B. R., and E. H. Hugenholtz, Eindhoven, Netherlands, assignors to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Apparatus for the remote control of a tunable radio frequency converting system. 2,541,329, Feb. 13.

Boot, Henry A. H.: *See*—
Randall, John T., and Boot.

Booten, Arthur L., Brussels, Belgium, assignor to Underwood Corporation, New York, N. Y. Paper feeding mechanism for accounting machines. 2,565,295, Aug. 21.

Booth, Adrian H., Deep River, assignor to The Honorary Advisory Council for Scientific and Industrial Research, Ottawa, Ontario, Canada. Separation of phosphorus. 2,552,032, May 8.

Booth, Alex E., Kenova, W. Va. Tire inflating device. 2,552,031, May 8.

Booth, Anna B., Richmond, Ind. Platform for reducing machines. 2,538,231, Jan. 16.

Booth, Arthur, Chicago, Ill. Loom. 2,556,643, June 12.

Booth, Christopher H., assignor to Firth Brown Tools Limited, Sheffield, England. Apparatus for comparing angles. 2,542,470, Feb. 20.

Booth, Dwight W., Columbus, Ohio. Roling rocking chair. 2,541,955, Feb. 13.

Booth, Earl, Bayside, N. Y. Holster harness. 2,579,782, Dec. 25.

Booth, Earl C., Columbus, Ind., assignor to Arvin Industries, Inc. Metal furniture. 2,546,492, Mar. 27.
Booth, Earl C., Columbus, Ohio, assignor to Arvin Industries, Inc. Tubular structure. 2,546,493, Mar. 27.
Booth, Earl C., Columbus, Ind., assignor to Arvin Industries, Inc. Ironing board with adjustable supporting legs. 2,548,648, Apr. 10.
Booth, Earl C., Columbus, Ind., assignor to Arvin Industries, Inc. Metal chair. 2,572,591, Oct. 23.
Booth, Ernest, assignee: *See*—
Bian, John T.
Booth, Ernest, executor: *See*—
Armitage, Frank, Cottrell, and Hewitt.
Wakeford, Leslie E., and Hewitt.
Booth, Eugene T., Jr.: *See*—
Cromer, Sylvan, Booth, and Alexander.
Booth, F. E., Company Inc., assignee: *See*—
Alsup, Paul L.
Booth, Fred C., Bronxville, assignor to Lion Machine Corporation, New York, N. Y. End gripper for cloth laying-up machines. 2,539,722, Jan. 30.
Booth, George M., Westfield, assignor to Wallace & Tiernan Co., Inc., Belleville, N. J. Dry feeder. 2,541,742, Feb. 13.
Booth, George P., Dobbs Ferry, N. Y., and L. M. Smith, West New York, N. J., assignors to Interborough News Company, New York, N. Y. Coin-controlled vending machine. 2,571,668, Oct. 16.
Booth, George W., Charleston, W. Va. Stool for attachment to a barber's chair. 2,553,545, May 22.
Booth, Henry, Bronxville, assignor to The Henry Booth Methods Corporation, New York, N. Y. Method and apparatus for testing fabrics. 2,547,367, Apr. 3.
Booth, Henry, Bronxville, assignor to The Henry Booth Methods Corporation, New York, N. Y. Cloth rack. 2,547,368, Apr. 3.
Booth, Henry, Bronxville, assignor to The Henry Booth Methods Corporation, New York, N. Y. Photographic fitting method. 2,563,451, Aug. 7.
Booth, Henry, Methods Corporation, The, assignee: *See*—
Booth, Henry.
Yonkler, Theodore.
Booth, Herbert G., Harrison, N. Y., assignor to David Traum Company, Incorporated. Skirt marking device. 2,567,006, Sept. 4.
Booth, Homer E., Longview, Wash. Guide and tensioner for crocheting thread. 2,539,568, Jan. 30.
Booth, Jack J., and F. N. James, Dallas, Tex.; said James assignor to said Booth. Beverage mixing and dispensing apparatus. 2,548,938, Apr. 17.
Booth, James H., Corunna, Mich., assignor to Thompson Products, Inc., Cleveland, Ohio. Ball joint. 2,544,583, Mar. 6.
Booth, James H., Corunna, Mich., assignor to Thompson Products, Inc., Cleveland, Ohio. Ball joint. 2,544,584, Mar. 6.
Booth, James H., Detroit, Mich., assignor to Thompson Products, Inc., Cleveland, Ohio. Bearing assembly for steering linkage and the like. 2,544,582, Mar. 6.
Booth, James H., Detroit, Mich., assignor to Thompson Products, Inc., Cleveland, Ohio. Ball joint. 2,553,743, May 22.
Booth, James H., Detroit, Mich., assignor to Thompson Products, Inc., Cleveland, Ohio. Electrical control device. 2,569,090, Sept. 25.
Booth, James K., Salt Lake City, Utah. Piano hammer press. 2,568,909, Sept. 25.
Booth, John F., Hazlehead, near Sheffield, England. Method and apparatus for finishing extruded pipes of clayware. 2,541,570, Feb. 13.
Booth, John F., and R. K. Smith, Hazlehead, near Sheffield, England. Extrusion of clay products. 2,552,930, May 15.
Booth, John L., West Palm Beach, assignor to J. G. Glynn, Coral Gables, Fla. Tooth paste dispenser. 2,570,755, Oct. 9.
Booth, John S., Dallas, Tex. Humidity control apparatus for refrigerators. 2,568,268, Sept. 18.
Booth, Robert B., Springdale, and N. Morash, Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Method of and circuit for material modification and coolant clarification. 2,578,040, Dec. 11.
Booth, William M.: *See*—
Davis, Ellis E., and Booth.
Bootha, Pieter C., Thabazimbi, Rustenburg District, Union of South Africa. Door and gate operating mechanism. 2,544,215, Mar. 6.
Boothby, Lawrence W., Alexandria, Va. Frequency distinguishing device. 2,546,147, Mar. 27.
Boothe, James H., Pearl River, assignor to American Cyanamid Company, New York, N. Y. Synthesis of pteridines. 2,547,519, Apr. 3.
Boothe, James H., Pearl River, assignor to American Cyanamid Company, New York, N. Y. Chloro pteridine and preparing the same. 2,547,520, Apr. 3.
Boothroyd, Barbara W., Los Angeles, Calif. Toothbrush and casing therefor. 2,544,130, Mar. 6.
Boothroyd, Wilson P., and A. L. Free, assignors, by mesne assignments, to Philco Corporation, Philadelphia, Pa. Pulse type radio range tracking and indicating system controlled in response to recurrent signal. 2,536,488, Jan. 2.
Boothroyd, Wilson P., and W. H. Forster, assignors to Philco Corporation, Philadelphia, Pa. Automatic frequency-control system for frequency-modulation television systems. 2,552,140, May 8.
Booton, Leon W., Copperhill, Tenn., assignor to Tennessee Copper Company, New York, N. Y. Apparatus for roasting sulfide ores. 2,573,785, Nov. 6.
Boots Aircraft Nut Corporation, assignee: *See*—
Delaney, Charles W.
Boots, Edmund R., Short Hills, N. J., assignor to The Nylok Corporation, New York, N. Y. Self-locking bolt. 2,539,887, Jan. 30.
Boots Pure Drug Company Limited, assignee: *See*—
Oscroft, Frank.
Bopp, Theodor, assignor to Maschinenfabrik Ruegger & Co. A.-G., Basel, Switzerland. Automatic switchgear for overhead railways. 2,564,953, Aug. 21.
Borax Consolidated, Limited, assignee: *See*—
O'Brien, Patrick J., and Chettle.
Borchardt, Robert E., assignor to Barber-Colman Company, Rockford, Ill. Cutter sharpening machine. 2,544,652, Mar. 13.
Borchers, Earl M., assignor to American Cabinet Hardware Corporation, Rockford, Ill. Catch. 2,559,145, July 3.
Borchers, Earl M., assignor to American Cabinet Hardware Corporation, Rockfold, Ill. Closure fastener. 2,566,015, Aug. 28.
Borck, Adam J., Canon City, Colo. Natural apple preserving method. 2,576,919, Dec. 4.
Borcovec, Werner: *See*—
Beck, Nico, and Borcovec.
Bordelon, Lawrence J., assignor to Consolidated Vultee Aircraft Corporation, San Diego, Calif. Combined valve and switch device. 2,540,420, Feb. 6.
Bordelon, Lawrence J., assignor to Consolidated Vultee Aircraft Corporation, San Diego, Calif. Propeller pitch reversing control switch. 2,579,172, Dec. 18.
Borden, Clifford C., Sr., New Providence, N. J., assignor to Radio Corporation of America. Fluid flow control system. 2,577,564, Dec. 4.
Borden Company, The, assignee: *See*—
Block, Richard J.
Corwin, John F., Calhoun, and Buzzo.
Eldredge, Elmer E.
Kinney, Walter B.
Lane, Charles E.
Miollis, Raymond.
Novotny, Emil E., and Vogelsang.
Novotny, Emil E., Vogelsang, and Novotny.
Novotny, Ernest E., and Vogelsang.
Vogelsang, George K.
Borden, George C., Jr., Easton, Pa., assignor to Riegel Paper Corporation, New York, N. Y. Antifungus wrapper and producing same. 2,574,526, Nov. 13.
Borden, Joseph L., Jr., Philadelphia, Pa. Gun control apparatus. 2,578,666, Dec. 18.
Borden, Philip H., assignor to Central Industrial Corporation, Memphis, Tenn. Magazine type safety razor. 2,572,005, Oct. 23.
Bordenca, Carl: *See*—
Wearn, Richard B., and Bordenca.
Border, Samuel L.: *See*—
Miller, Chant A., and Border.
Bordigoni, Louis, assignor to Divar S. A., Geneva, Switzerland. Set shift device. 2,542,895, Feb. 20.
Bordner, Burton F., Flint, Mich. Fish lure. 2,542,622, Feb. 20.
Bordwell, Frederick G.: *See*—
McKellin, Wilbur H., and Bordwell.
Boreen, Thore, Minneapolis, Minn. Latching device for gondola dumping doors. 2,569,283, Sept. 25.
Borén, Karl G., assignor to Aktiebolaget Elektrolux, Stockholm, Sweden. Cooling unit supporting structure. 2,572,836, Oct. 30.
Borel, Edouard V., Vevey, Switzerland, and J. A. Cardot, La Chapelle-Saint-Mesmin, assignors to Societe Anonyme des Manufacturers des Glaces et Produits Chimiques de Saint-Gobain, Chauny & Cirey, Paris, France. Electric glass furnace. 2,552,395, May 8.
Borell, George L., Minneapolis, and M. I. Nystuen, assignors to Economics Laboratory, Inc., St. Paul, Minn. Conductivity cell. 2,560,209, July 10.
Boretti, Napoleon P.: *See*—
Hessler, Arthur F., Boretti, and Sarafian.
Borg, George W., Corporation, The, assignee: *See*—
Brown, Morris E., Wickham, Sterenberg, and Johnston.
Laing, Gordon G.
Moreland, William J., and Foote.
Shoup, Allen A., Bierwirth, and Olson.
Warmey, Bernard A.
Wickham, Parker B.
Wickham, Parker B., and Johnston.
Borg-Warner Corporation, assignee: *See*—
Anderson, Edmund B.
Armantrout, Kenneth M.
Burtnett, Everett R.
Carnagua, Harold E.
Carnagua, Harold E., and Kelbel.
Crawford, Charles F., Potts, and Price.
Currie, William L.
Davis, Charles E.

Borg-Warner Corporation, assignee: *See*—Continued.
Flinn, George E.
Freeman, Lowell C.
Gillespie, Daniel C.
Hannum, John A.
Kelbel, Donald W.
Kilpela, Ano E.
Koppel, Ernst R., and Caldwell.
Mohns, Leslie F.
Nesbitt, Clifford W.
Neumann, George R., and Effinger.
Orr, Palmer.
Polomski, John B.
Reed, Harold V.
Rolph, Rapha R.
Tharpe, Rollin B.
Turner, Harold H.
Warner, Archibald A.
Zeidler, Reinhold C.

Borge, Johan, Bellport, N. Y. Fireplace with air-heating tubes therein. 2,549,365, Apr. 17.

Borgeaud, Gaston, and J. Waldvogel, Winterthur, Switzerland. Axle-box spring mounting for rail vehicles. 2,567,469, Sept. 11.

Borger, Ray C.: *See*—
Keef, Dennis W., and Borger.

Borgerding, Henry, Lodi, assignor to Universal Washing Machinery Co., Nutley, N. J. Dishwashing machine feeder. 2,550,523, Apr. 24.

Borgerding, Herman W., Philadelphia, Pa. Haircutting attachment. 2,580,276, Dec. 25.

Borgeson, Olaf H., Hanson, Mass. Snowplow. 2,575,091, Nov. 13.

Borglin, Joseph N., and P. A. Ray, assignors to Hercules Powder Company, Wilmington, Del. Hydrogenated rosin acid soaps in butadiene-hydrocarbon aqueous emulsion polymerization. 2,569,447, Oct. 2.

Borglin, Joseph N., Wilmington, Del., and P. A. Ray, Lakewood, Colo., assignors to Hercules Powder Company, Wilmington, Del. Dehydroabietic acid salts as emulsifiers in aqueous diolefin polymerization. 2,569,448, Oct. 2.

Borglin, Joseph N., Wilmington, Del., and P. A. Ray, Denver, Colo., assignors to Hercules Powder Company, Wilmington, Del. Aqueous emulsion polymerization of styrene in the presence of a salt of dehydroabietic acid. 2,569,449, Oct. 2.

Borglin, Joseph N., Wilmington, Del., and I. Woodcock, Upper Black Eddy, Pa., assignors to Hercules Powder Company, Wilmington, Del. Biological oxygen demand reduction process. 2,576,442, Nov. 27.

Borgman, Anthony J., Detroit, Mich. Adjustable scaffold. 2,556,611, June 12.

Boring, Isaac H., Maryville, Tenn. Pressing iron. 2,542,858, Feb. 20.

Bork, Edward R.: *See*—
Wetzel, William M., and Bork.

Borkland, Gustave W., Marion, Ind. Apparatus for drawing thermoplastic sheets. 2,559,705, July 10.

Borkmann, Frank F.: *See*—
Nordquist, Ronald E. J., and Borkmann.

Borkoski, Leon P.: *See*—
Beede, Arnold H., and Borkoski.

Borland, John, assignor to Clark Equipment Company, Buchanan, Mich. Axle drive construction. 2,549,884, Apr. 24.

Born, Ellis H.: *See*—
Adams, Cecil E., and Born.

Born, Ellis H., Bexley, assignor to The Denison Engineering Company, Columbus, Ohio. Hydraulic apparatus. 2,546,583, Mar. 27.

Born, Paul L., Wilmette, and D. V. Meiller, Maywood, Ill. Liquefying and regasifying natural gases. 2,541,569, Feb. 13.

Bornemann, William: *See*—
Tuttle, Fordyce E., and Bornemann.

Bornemann, William, assignor to Eastman Kodak Company Rochester, N. Y. Photographic one-step process print-making machine. 2,552,251, May 8.

Bornemann, William, and N. R. Newman, assignors to Eastman Kodak Company, Rochester, N. Y. Automatic photographic camera. 2,552,250, May 8.

Bornemann, William, and R. A. Gordon, assignors to Eastman Kodak Company, Rochester, N. Y. Take-up magazine for strip material. 2,578,283, Dec. 11.

Borngesser, Oscar R., assignor to Boeing Airplane Company, Wichita Division, Wichita, Kans. Regenerating aluminum anodizing solution. 2,542,112, Feb. 20.

Borngraeber, Royce R.: *See*—
Hyland, William A., and Borngraeber.

Bornholdt, Charles C., Rochester, Minn. Saw carriage and brake. 2,555,569, June 5.

Bornhuetter, William C., Maplewood, N. J. Bed. 2,541,194, Feb. 13.

Boroughs, Charles M., Seattle, Wash. Sprinkler head. 2,546,120, Mar. 20.

Borowy, William W.: *See*—
Chapman, Romaine C., and Borowy.

Borrelli, Elmer F., Philadelphia, Pa. Spring supported child's crib. 2,564,668, Aug. 21.

Borsody, Benjamin F., Floral Park North, N. Y. Flashlight with testing attachment. 2,540,471, Feb. 6.

Borst, Lyle B., and R. J. Fox, Oak Ridge, Tenn., assignors to the United States of America as represented by the United States Atomic Energy Commission. Adjustable support for spectrometer reflectors. 2,579,225, Dec. 18.

Borst, Reginald P., Washington, D. C. Collar clasp. 2,572,103, Oct. 23.

Borthwick, Eva M., London, Ontario, Canada. Convertible baby chair and book rack. 2,554,851, May 29.

Bortnick, Morris, Detroit, Mich. Boxmaker's hammer with nail removing recess. 2,552,838, May 15.

Bortnick, Newman M., assignor to Röhm & Haas Company, Philadelphia, Pa. Preparing methacrolein from the dimer thereof. 2,577,445, Dec. 4.

Bortle, William J., Wireton, Pa., and C. E. Ranshaw, Wilmington, Del. Hydraulic torque wrench. 2,560,716, July 17.

Borton, George W., assignor to Pennsylvania Crusher Company, Philadelphia, Pa. Crusher mill. 2,575,380, Nov. 20.

Borton, George W., Philadelphia, Pa. Support structure for screening cylinders. 2,575,484, Nov. 20.

Borup, Oscar V., Bloomsburg, Pa., assignor to American Car and Foundry Company, New York, N. Y. Adjustable side bearing. 2,543,484, Feb. 27.

Borzell, John, Pittston, and N. B. Hunter, Scranton, Pa. Portable dishwasher. 2,565,798, Aug. 28.

Borzi, James, Ellwood City, Pa. Grinding fixture for piercer plugs. 2,551,721, May 8.

Bos, Julius G., C. J. Dippel, H. J. Houtman, K. J. Keuning, and S. Wijtzes, Eindhoven, Netherlands, assignors to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Producing photographic contrasts. 2,571,670, Oct. 16.

Bos, Julius G., N. H. Haack, C. J. Dippel, and K. J. Keuning, Eindhoven, Netherlands, assignors to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Producing photographic contrasts. 2,571,671, Oct. 16.

Bosch, Carl, Westfield, assignor to Chatham Electronics Corporation, Newark, N. J. Electrostatic voltage generator. 2,577,446, Dec. 4.

Bosch, Herbert A., Lake Elizabeth Township, Kandiyohi County, Minn. Steam power plant using exhaust from auxiliary gas turbine for condensing steam. 2,568,787, Sept. 25.

Bosch, Lester L., Cincinnati, Ohio. Magnetic speed responsive device. 2,549,754, Apr. 24.

Boschen, Henry C., Scarsdale, assignor to Raymond Concrete Pile Company, New York, N. Y. Marine oil well derrick foundation. 2,574,140, Nov. 6.

Boschi, Antonio, assignor to Societa Applicazioni Gomma Antivibranti, Milan, Italy. Resilient wheel for rail vehicles. 2,555,023, May 29.

Boschi, Antonio, assignor to Società Applicazioni Gomma Antivibranti, Milan, Italy. Combination metal and rubber structure. 2,560,627, July 17.

Bosco, Samuel D., Wood River, Ill. Attaching decorative panels to wall surfaces. 2,549,164, Apr. 17.

Bosh, James E., Berwyn, and P. Alex, assignors to Kellogg Switchboard and Supply Company, Chicago, Ill. Winding machine. 2,542,303, Feb. 20.

Bosi, John, Philadelphia, Pa. Oil return in refrigerator. 2,568,711, Sept. 25.

Bosk, John P., Los Angeles, Calif. Collapsible child's carrier and seat. 2,549,958, Apr. 24.

Bosler, Merritt W., Norristown, Pa. Footrest. 2,545,510, Mar. 20.

Bosquet, John F., New York, N. Y. Cutlery sharpener. 2,565,196, Aug. 21.

Boss, Edward J., assignee: *See*—
Kahn, Joseph N.

Bossard, Werner, Riehen, and M. Reding, assignors to J. R. Geigy A. G., Basel, Switzerland. Polyazo dyestuffs. 2,545,872, Mar. 20.

Bossard, Werner, Riehen, near Basel, and M. Reding, assignors to J. R. Geigy A. G., Basel, Switzerland. Tetrakisazo dyestuffs. 2,553,033, May 15.

Bossart, Paul N., Cheswick, assignor to The Union Switch & Signal Company, Swissvale, Pa. Increasing the range of inductive train communication systems. 2,550,957, May 1.

Bossart, Paul N., Cheswick, assignor to The Union Switch & Signal Company, Swissvale, Pa. Line circuit repeater and transfer apparatus for communication systems. 2,550,958, May 1.

Bossen, Peter H., Watertown, S. Dak. Water pump cap-screw remover. 2,568,788, Sept. 25.

Bossert, Henry L., Newark, N. J., assignor to Fuel Research Corporation, New York, N. Y. Grinding disk. 2,537,570, Jan. 9.

Bossert, Walter, Pforzheim, Germany. Plural pencil with slidable lead carriers. 2,562,231, July 31.

Bosshard, Alfred, assignor to Andrews-Alderfer Processing Company, Akron, Ohio. Rubber thread-cutting apparatus. 2,567,634, Sept. 11.

Bosshard, Hans, Frauenfeld, Switzerland. Device for cutting off the ends of weft threads. 2,561,968, July 24.

Bosshard, John J., assignor to Brasco Manufacturing Company, Harvey, Ill. Store front construction. 2,546,384, Mar. 27.

Bossi, Enrico L., Bristol, Conn., assignor to Landis Tool Company, Waynesboro, Pa. Work feeding device. 2,565,016, Aug. 21.
Bostick, Winston H., West Medford, Mass., assignor, by mesne assignments, to the United States of America as represented by the Secretary of the Navy. Pulse transformer with magnetron well. 2,549,366, Apr. 17.
Bostick, Winston H., West Medford, Mass., assignor, by mesne assignments, to the United States of America as represented by the Secretary of the Navy. Pulse transformer circuit. 2,579,542, Dec. 25.
Bostitch, Inc., assignee: *See*—
Lindstrom, Charles M.
Maynard, Arthur H.
Bostock, Bertram R., Moor Park, Northwood, England, assignor, by mesne assignments, to Thomas J. Lipton, Inc. Dehydration of potatoes. 2,564,296, Aug. 14.
Boston Machine Works Company, assignee: *See*—
Vachon, Hubert J.
Boston Manufacturing Co., assignee: *See*—
Mason, Vincent I.
Boston Varnish Company, assignee: *See*—
Bradley, John J., Jr.
Bostrom, Karl A., assignor to Bostrom Manufacturing Company, Milwaukee, Wis. Vented seat cushion. 2,540,927, Feb. 6.
Bostrom Manufacturing Company, assignee: *See*—
Bostrom, Karl A.
Bostwick, Burdette E., assignee: *See*—
Whipple, Jack Van H., and Kammerer.
Bostwick, Lee G.: *See*—
Ashworth, Joseph A., and Bostwick.
Boswau, Hans P., Dundee, Ill. Automatic telephone switching mechanism. 2,573,889, Nov. 6.
Boswell, John W., and H. W. Waters, Macon, Ga. Stack cover mechanism. 2,560,272, July 10.
Bosworth, Wellington G., Lakewood, Ohio. Rotating cutting disk type lawn mower. 2,547,738, Apr. 3.
Botany Mills, Inc., assignee: *See*—
Vaterrodt, Peter, and Choyce.
Both, Edward T., Cremorne, and F. S. Grace, assignors to Automatic Totalisators Limited, Meadowbank, near Sydney, New South Wales, Australia. Relaying and indicating means usable with race totalizators. 2,567,470, Sept. 11.
Both, Tonjes A. C.: *See*—
Tuttle, Wainwright, and Both.
Bothe, Werner H., Kenosha, assignor to Worldsbest Industries, Inc., Cudahy, Wis. Curtain stretcher. 2,572,979, Oct. 30.
Botke, William A.: *See*—
Merrill, John L., and Botke.
Bottemiller, Merton M.: *See*—
Christie, Donald R., and Bottemiller.
Böttger, Erik B., Fredrikstad, Norway. Reel for winding telephone cords. 2,567,869, Sept. 11.
Bottome, Nelson A., Bridgeport, Conn. Set screw with key extension. 2,560,080, July 10.
Bottomley, Frank, Barrington, and J. B. Stevens, East Providence, R. I., assignors to Sealol Corporation. Rotary seal. 2,565,675, Aug. 28.
Bottoms, Robert R., Crestwood, and E. E. Pittman, Elizabethtown, Ky., assignors to National Cylinder Gas Company, Chicago, Ill. Purification of sugar solutions. 2,539,397, Jan. 30.
Bottorf, George F.: *See*—
Keight, Albert W., and Bottorf.
Bottrill, David H., New York, N. Y. Wheeled ski. 2,545,543, Mar. 20.
Bottum, Edward W., assignor to Skuttle Manufacturing Company, Detroit, Mich. Humidifying apparatus. 2,536,257, Jan. 2.
Bottum, Edward W., assignor to Skuttle Manufacturing Company, Detroit, Mich. Air humidifier and mounting means therefor for application to duct walls. 2,569,512, Oct. 2.
Bottum, Edward W., assignor to Skuttle Manufacturing Company, Detroit, Mich. Float controlled humidifier valve. 2,572,692, Oct. 23.
Botwinick, Israel, Brooklyn, N. Y. Method and apparatus for forming plastic buttonholes. 2,565,753, Aug. 28.
Botz, Edward C., assignee: *See*—
Botz, William A.
Botz, William A., assignor of one-half to E. C. Botz, Elgin, Oreg. Splash guard for vehicles. 2,571,413, Oct. 16.
Boucha, F. A., assignee: *See*—
Parks, Walter A. and J. R.
Bouchard, Arthur J. and E. B., Milwaukee, Wis. Roundabout seesaw. 2,564,146, Aug. 14.
Bouchard, Charles S., Wellesley, assignor to Lewis-Shepard Company, Watertown, Mass. Shaft or pin locking mechanism. 2,543,148, Feb. 27.
Bouchard, Edward B.: *See*—
Bouchard, Arthur J. and E. B.
Bouchard, Leo J., Rosemount, J. Hammerslag, Outremont, and J. Weiner, assignors, by mesne assignments, to The Lipmatch Company Ltd., Montreal, Quebec, Canada. Packet for lip make-up applicators. 2,547,252, Apr. 3.
Bouchard, Robert, Saint-Germain en Laye, France. Drive shaft arrangement for driving steering wheels. 2,547,435, Apr. 3.
Boucher, Cormack E., Seattle, Wash. Radiographic sheet. 2,542,304, Feb. 20.
Boucher, Cormack E., Seattle, Wash. Portable X-ray unit. 2,547,996, Apr. 10.
Boucher, Frank G., Tulsa, Okla., assignor to Standard Oil Development Company. Sensitive relay. 2,553,354, May 15.
Boucher, Henry F., Spencer, Mass. Agitator. 2,545,914, Mar. 20.
Boucher, Jacques, Paris, assignor to Compagne de Pont-a-Mousson, Nancy, France. Insulated joint for bell and spigot pipes. 2,538,186, Jan. 16.
Boucher, Jacques, Paris, assignor to Compagnie de Pont-a-Mousson, Nancy (M. & M.), France. Making bell-ended pipes by centrifugal casting. 2,539,888, Jan. 30.
Boucher, Jacques, Paris, assignor to Compagnie de Pont-a-Mousson, Nancy, France. End dam for centrifugal pipe molds. 2,548,464, Apr. 10.
Boucher, Jacques, Paris, assignor to Pompes Noel, Liverdun, France. Conditioning plant for molding sand. 2,553,234, May 15.
Boucher, Jacques, Paris, assignor to Compagnie de Pont-a-Mousson, Nancy, France. Endless chain for conveying tubes and other parts. 2,554,935, May 29.
Boucher, Jacques, Paris, assignor to Compagnie de Pont-a-Mousson, Nancy, France. Concrete pipe mold. 2,559,846, July 10.
Boucher, Jacques, Paris, France, assignor to Compagnie de Pont-a-Mousson, Nancy (M. & M.), France. Support for conduit members. 2,579,447, Dec. 18.
Boucher, Percival L., Troon, Ayrshire, Scotland, and N. A. F. Rowntree, Newcastle-upon-Tyne, England, assignors to Glenfield and Kennedy Limited, Kilmarnock, Ayrshire, Scotland. Measuring and recording the filtrability of fluids. 2,572,436, Oct. 23.
Bouffard, Diana, Warren, R. I. Mask for protecting dresses. 2,573,537, Oct. 30.
Boughan, Archie L., Taylor, Mo. Baler salter. 2,567,760, Sept. 11.
Boughter, John R.: *See*—
Miller, John L., and Boughter.
Boughton, Fred W., assignor to Eastman Kodak Company, Rochester, N. Y. Making high wet strength paper. 2,548,513, Apr. 10.
Boughton, Willis A., trustee and assignee: *See*—
Mansfield, William R., and Hughes.
Boughtwood, John E., Brooklyn, N. Y., and A. E. Michon, Summit, N. J., assignors to The Western Union Telegraph Company, New York, N. Y. Carrier telegraph system. 2,573,392, Oct. 30.
Boulden, Edward W., Sioux City, Iowa. Convertible trailer and truck bed. 2,566,977, Sept. 4.
Boulet, Joseph H., Chicago, Ill. Knurling tool. 2,546,058, Mar. 20.
Bouligny, R. H., Inc., assignee: *See*—
Rowe, Oliver R., King, and Stolp.
Boulware, James E., Attleboro Falls, assignor to American Reenforced Paper Company, Attleboro, Mass. Adhesive laminated paper and box stay tape. 2,575,257, Nov. 13.
Bounds, Ardrey M., Philadelphia, assignor to Superior Tube Company, Norristown, Pa. Alloy for cathode element. 2,566,115, Aug. 28.
Bourdon, Pierre M., Paris, assignor to Manufacture de Caoutchouc Michelin (Puiseux, Boulanger & Cie), Clermont Ferrand, France. Plant for the continued manufacture of isoprene. 2,547,684, Apr. 3.
Bourdon, Pierre M., Paris, assignor to Manufacture de Caoutchouc Michelin (Puiseux), Boulanger et cie, Clermont-Ferrand, France. Apparatus permitting a thermal transformation, particularly for isomerization of pinene into dipentene. 2,551,361, May 1.
Bourdon, Russell G., and N. X. Derouin, Muskegon, Mich. Wheel support with adjustable tool supporting and centering means. 2,556,024, June 5.
Bourdunis, Constantine C., Chicago, Ill. Sander. 2,541,330, Feb. 13.
Bourelle, Roy F., and B. T. Widdoes, Creston, British Columbia, Canada. Top spinner and launcher. 2,547,369, Apr. 3.
Bourget, Rosario, St. Vincent de Paul, Quebec, Canada. Power transmission. 2,559,393, July 3.
Bourgonjon, Louis R., A. Horowitz, D. Kleis, F. C. W. Slooff, M. van Tol, and J. M. Unk, Eindhoven, Netherlands, assignors to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Receiving device for the transmission of pictures. 2,570,313, Oct. 9.
Bourgonjon, Raymond L.: *See*—
Koole, Pieter, Bourgonjon, and de Lange.
Bourke, Edgar R., trustee, assignee: *See*—
Nickerson, Mortimer H.
Bourn, Leslie E. A., Ashford, England. Electrical musical instrument. 2,579,358, Dec. 18.
Bourne, Harry A., Philadelphia, Pa., assignor to United States Rubber Company, New York, N. Y. Apparatus for molding V-belts. 2,550,183, Apr. 24.
Bourne, Roland B., West Hartford, and A. E. Chase, Elmwood, assignors to The Maxim Silencer Company, Hartford, Conn. Manifold silencer. 2,537,203, Jan. 9.
Bourne, William G., Acton, assignor to Rotax Limited, London, England. Electric circuit breaker. 2,537,618, Jan. 9.
Bourne, William G., assignor to Rotax Limited, London, England. Electromagnetic reversing switch. 2,564,246, Aug. 14.

Bourque, Bernard B., Columbus, Ga. Fish stringer. 2,550,217, Apr. 24.

Bourquin, Edgar, Los Angeles, Calif. Double signal alarm. 2,554,809, May 29.

Bourquin, Edgar, Los Angeles, Calif. Front actuating means for alarm clock signals. 2,562,293, July 31.

Bousquet, John, Copiague, assignor to Beech-Nut Packing Company, Canajoharie, N. Y. Carton creasing and closing machine. 2,573,393, Oct. 30.

Bouton, Gertrude V., assignee: *See*—
Vischer, Alfred, Jr.

Bouton, Hiram M., South Norwalk, assignor to The Norwalk Clamp Corporation, Norwalk, Conn. Clamp. 2,569,450, Oct. 2.

Bouvier, Gabriel S., Gentilly, and R. P. Clair, Paris, France. Machine for continuous molding. 2,575,092, Nov. 13.

Bouwers, Albert: *See*—
Blaisse, Berndt S., and Bouwers.

Bouwers, Albert, assignor to N. V. Optische Industrie "De Oude Delft," Delft, Netherlands. Lens system. 2,538,291, Jan. 16.

Bouwers, Albert, assignor to N. V. Optische Industrie "De Oude Delft," Delft, Netherlands. Optical lens system comprising one or more aspherical refracting surfaces. 2,544,413, Mar. 6.

Bouwman, Wicher K.: *See*—
Muller, Hendrik L., and Bouwman.

Bovard, Charles M.: *See*—
Gehres, Hewitt A., and Bovard.

Bovard, Robert M.: *See*—
Jackson, Carey B., and Bovard.

Bovard, William R., Kansas City, Mo. Radiant heated building structure and tile unit therefor. 2,536,258, Jan. 2.

Bovard, William P., assignor to The Ohio Brass Company, Mansfield, Ohio. Warning signal for railroads. 2,557,254, June 19.

Bovee, John L., Jr., Anaheim, Calif., and E. M. Deters, assignors to Red Jacket Manufacturing Co., Davenport, Iowa. Pumping system and primer therefor. 2,545,915, Mar. 20.

Bovee, Ransom Y., Van Nuys, Calif. Pocket tweezer article. 2,575,652, Nov. 20.

Bowan, Walter J.: *See*—
Mueller, Frank H., and Bowan.
Mueller, Lucien W., Bowan, and Gould.

Bowar, Earl C., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Control device. 2,552,766, May 15.

Bowar, Earl C., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Control device. 2,556,519, June 12.

Bowar, Earl C., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Tank unit. 2,560,757, July 17.

Bowden, Audrey J.: *See*—
Horsfall, James, Felsenthal, and Bowden.

Bowden, Benjamin G., Leamington Spa, assignor of one-half to Bowecrafts (Developments) Limited, Coventry, England. Cycle frame. 2,537,325, Jan. 9.

Bowden, Elliott R., Jacksonville, Fla. Attachment for toilet tanks. 2,545,338, Mar. 13.

Bowden (Engineers) Limited, assignee: *See*—
Melsom, Walter A.

Bowden, Garfield A., East Orange, N. J., and C. Iddings, Manhasset, assignors to Boyle-Midway Inc., New York, N. Y. Insecticidal paint. 2,540,239, Feb. 6.

Bowden, Henry C.: *See*—
Parker, Milton.

Bowden, Robert L.: *See*—
Murphy, William P.

Bowden, Thomas A., and P. Tenhengel, Morristown, N. J. Fluid pressure device. 2,540,708, Feb. 6.

Bowder, David H., Attleboro, Mass., assignor to Swank, Inc. Insigne unit. 2,544,876, Mar. 13.

Bowder, David H., Attleboro, Mass., assignor to Swank, Inc. Identification assembly unit. 2,550,763, May 1.

Bowdil Company, The, assignee: *See*—
Morrow, Harry M., and Bowman.

Bowditch, Hoel L., assignor to The Foxboro Company, Foxboro, Mass. Ratio adjustment mechanism. 2,561,970, July 24.

Bowditch, Hoel L., Jamaica Plain, assignor to The Foxboro Company, Foxboro, Mass. Indicator for recording instrument. 2,573,950, Nov. 6.

Bowditch, Hoel L., Sharon, assignor to The Foxboro Company, Foxboro, Mass. Linkage mechanism. 2,561,969, July 24.

Bowe, George R., Jr., South Bend, Ind., assignor, by mesne assignments, to Owens-Illinois Glass Company, Toledo, Ohio. Suction gathering glass mold. 2,539,114, Jan. 23.

Bowe, Thomas A., Hilbert, Wis. Internal expanding brake for trailer vehicles. 2,538,232, Jan. 16.

Bowecrafts (Development) Limited, assignee: *See*—
Bowden, Benjamin G.
Brown, Jack.

Bowen, Arnold E., Fair Haven, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Resonator with multiple electrodes. 2,541,195, Feb. 13.

Bowen, Billi: *See*—
Metzler, Charles L., and Bowen.

Bowen, Cyril F., assignor to G. & J. Esplin Limited, Montreal, Quebec, Canada. Bottle spacer for boxes. 2,547,303, Apr. 3.

Bowen, Earl M., assignor to The Ingersoll Milling Machine Company, Rockford, Ill. Machine tool. 2,542,986, Feb. 27.

Bowen, Frank A., Elizabeth Township, Allegheny County, Pa., assignor to National Tube Company. Apparatus for coating tube interiors. 2,551,722, May 8.

Bower, Clark D., Pomona, Calif., assignor to Fairbanks, Morse & Co., Chicago, Ill. Rotary pump seal. 2,578,780, Dec. 18.

Bower, George D.: *See*—
Dube, John E., and Bower.

Bower, George W.: *See*—
Aydelott, John C., Bower, and Adams.

Bower, James A., Chester, W. Va., assignor to The Taylor, Smith & Taylor Company, East Liverpool, Ohio. Apparatus for de-airing and delivering plaster. 2,548,340, Apr. 10.

Bower, James A., Chester, W. Va., assignor to The Taylor, Smith & Taylor Company, East Liverpool, Ohio. Stamping machine. 2,570,756, Oct. 9.

Bower, John R., Jr.: *See*—
Mackay, Johnstone S., and Bower.

Bower, Joseph E., Milwaukee, Wis. Clamping device. 2,569,284, Sept. 25.

Bower Roller Bearing Company, assignee: *See*—
Johnson, Glen F.

Bowers, Alton E., Reading, Pa. Printing device. 2,571,825, Oct. 16.

Bowers, Bordon, assignee: *See*—
Bowers, Eric.

Bowers, Eric, assignor of one-half to G. Bowers, Laisterdyke, Bradford, England. Internal diameter micrometer. 2,566,160, Aug. 28.

Bowers, Eric H., assignor to Dowty Equipment Limited, Cheltenham, England. Hydraulic system for controlling delivery to motors of differing capacities. 2,562,764, July 31.

Bowers, Harold E., Pittsburgh, Pa., assignor to The New England Box Company, Greenfield, Mass. Molding from fiber dispersions. 2,547,997, Apr. 10.

Bowers, Harold E., Pittsburgh, Pa., assignor to The New England Box Company, Greenfield, Mass. Production of construction materials from wood and other vegetable fibers. 2,548,095, Apr. 10.

Bowers, John H., Willow Run, Mich. Holder and dispenser for rolled flexible strands. 2,547,253, Apr. 3.

Bowers, Kenneth, Hudson Falls, and T. E. Mason, assignors to Glens Falls Laboratory, Inc., Glens Falls, N. Y. Gloss meter. 2,578,625, Dec. 11.

Bowers, Marsden E., Detroit, Mich. Electrical connector block for bus ducts. 2,569,223, Sept. 25.

Bowers, Robert C., Cuyahoga Falls, assignor to The F. C. Russell Company, Cleveland, Ohio. Glass-cutting table. 2,578,919, Dec. 18.

Bowers, Samuel A., Dupo, Ill. Instrument for use in leveling railways. 2,564,461, Aug. 14.

Bowersett, Charles F., Laurel, Md., K. L. Baker, and C. A. Axelson, Washington, D. C. Underwater signaling device. 2,568,712, Sept. 25.

Bowersock, Wilber E., Rochester, N. Y. Feeder bar for feeding sheets of cardboard or the like. 2,540,162, Feb. 6.

Bowersock, Wilber E., Rochester, N. Y. Box blank folding machine. 2,574,527, Nov. 13.

Bowes, Thomas D., Cynwyd, F. Schulte, Philadelphia, and C. C. Hutchins, Ridgway, Pa., said Schulte and said Hutchins, assignors to said Bowes. Dynamoelectric apparatus. 2,563,577, Aug. 7.

Bowes, Henry N., Rochester, N. Y., assignor to Stromberg-Carlson Company. Frequency stabilized phase shifting network. 2,576,499, Nov. 27.

Bowes, Urban E., Perrysburg, Ohio. Apparatus for and method of forming glass sheets. 2,539,398, Jan. 30

Bowie, Augustus J., San Francisco, Calif. Fuse switch. 2,565,197, Aug. 21.

Bowie, Augustus J., San Francisco, Calif. Electric fuse. 2,567,420, Sept. 11.

Bowitz, Harlan, Los Angeles, and S. S. Fishfader, Wilmington, Calif. Helical resistor. 2,542,113, Feb. 20.

Bowles, Vernon O., Rye, and A. H. Schutte, Hastings-on-Hudson, assignors to The Lummus Company, New York, N. Y. Hydrocarbon conversion to lower boiling hydrocarbons and coke. 2,561,334, July 24.

Bowling, Leonard C., Houston, Tex. Valve. 2,536,836, Jan. 2.

Bowling, Leonard C., Houston, Tex. Valve. 2,564,147, Aug. 14.

Bowlus, Claude A., Detroit, Mich. Machine for inductively welding seamed tubing. 2,552,514, May 15.

Bowlware, John C.: *See*—
McAlpine, George B., and Bowlware.

Bowman, Albert W., assignee: *See*—
Louthan, Clissolde L.

Bowman, Charles L.: *See*—
Morrow, Harry M., and Bowman.

Bowman, David F., Bayside, N. Y., assignor, by mesne assignments, to the United States of America as represented by the Secretary of the Navy. Capacitance attenuator. 2,558,925, July 3.

Bowman, Ervin D. L., Fairview Park, Ohio. Warning signal system. 2,578,284, Dec. 11.
Bowman, George L., assignee: *See*—
Mueller, Herman H.
Bowman, Henry V., Minneapolis, Minn. Diemaking machine. 2,555,313, June 5.
Bowman, Hyman D., Raleigh, N. C. Drip tray. 2,555,868, June 5.
Bowman, Irwin C., Chicago, Ill. Foldable stand. 2,550,959, May 1.
Bowman, James L., Eau Claire, assignor to R. F. Becker, Kalamazoo, Mich. Disk harrow. 2,552,307, May 8.
Bowman, John L., assignee: *See*—
Mueller, Herman H.
Bowman, Lawrence E., Greenfield, Ind. Power cultivator. 2,571,191, Oct. 16.
Bowman, Leo R., Lumberton, N. C. Portable shower. 2,567,506, Sept. 11.
Bowman, Ralph E.: *See*—
Garner, Philip J., and Bowman.
Bowman, Reginald G., Gary, and W. J. Knox, Jr., Hammond, Ind., assignors to International Smelting and Refining Company. Handling bagged materials. 2,570,757, Oct. 9.
Bowman, Reginald M., Baltimore, Md. Pendulum scale. 2,536,154, Jan. 2.
Bowman, Robert S.: *See*—
Stevens, Donald R., and Bowman.
Bowman, Wade W., Dallas, Tex. Bottle vending machine. 2,570,516, Oct. 9.
Bown, Ralph, Maplewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Time division multiplex system for signals of different band widths. 2,564,419, Aug. 14.
Bowne, Langford J., Saugerties, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Private branch exchange telephone system. 2,572,104, Oct. 23.
Bowne, Lloyd F., Jr.: *See*—
Schmucker, Robert A., Jr., Preusch, and Bowne.
Bowren, Burl B., Freeport, Tex. Internal grooving and reaming tool. 2,545,443, Mar. 20.
Bowser, Inc., assignee: *See*—
Blum, Hosmer L.
Chapman, Edward W.
Collins, William B.
Damon, Robert H.
De Haven, La Vern H.
Harks, Walter M.
Harvuot, Frank B.
Pressler, Ralph B.
Bowser, Percy L., Jr.: *See*—
Venner, William M., and Bowser.
Bowser, Wenard, Jr., assignor to Universal Drafting Machine Corporation, Cleveland, Ohio. Ruler. 2,562,348, July 31.
Bowsher, Chester A., assignor to United Aircraft Products, Inc., Dayton, Ohio. Heat exchange unit. 2,568,984, Sept. 25.
Bowsher, Waldo G., Detroit, Mich. Hinge mechanism for overhead doors. 2,573,178, Oct. 30.
Bowyer, Aldred W.: *See*—
Holland-Martin, Cyril G., and Bowyer.
Bowzer, Augustus M., Lynn, assignor of one-half to D. W. Lewis, Nahant, Mass. Last. 2,546,148, Mar. 27.
Bowzer, Augustus M., Lynn, assignor of one-half to D. W. Lewis, Nahant, Mass. Latch. 2,546,149, Mar. 27.
Box, E. O., Jr.: *See*—
Ray, Gardner C., and Box.
Boxer, Fred, New York, N. Y., assignor to Kaye Plastics Corporation, New Brunswick, N. J. Resilient tube closure. 2,543,432, Feb. 27.
Boyajean, John A., Jr., Upper Montclair, N. J., assignor to Fairchild Camera and Instrument Corporation. Machine for producing screened relief pattern plates. 2,575,546, Nov. 20.
Boyajian, Clement L., G. R. Rede, and H. M. Dimond, Schenectady, N. Y., assignors to General Electric Company. Automatic cleaner for sparking styluses. 2,548,583, Apr. 10.
Boyajian, Setrak K., Worcester, Mass. Book binding. 2,551,555, May 1.
Boyce, Charles L., assignor to Shawinigan Resins Corporation, Springfield, Mass. Polymerization of vinyl acetate in granular form. 2,555,286, May 29.
Boyce, Edward D., Cedar Grove, N. J., assignor to Curtiss-Wright Corporation. Wrapping machine. 2,544,442, Mar. 6.
Boyce, Eugene L.: *See*—
Burrows, Milford D., and Boyce.
Loewe, Peter L., and Boyce.
Boyce, Eugene L., and M. D. Burrows, assignors to Pioneer Gen-E-Motor Corporation, Chicago, Ill. Lawn mower reel drive. 2,571,669, Oct. 16.
Boyce, Frank, San Francisco, Calif. Photoelectric tube shielding means. 2,565,716, Aug. 28.
Boyce, Homer J.: *See*—
Beckerman, Raymond, and Boyce.
Boyce, Joseph F., Bloomfield, N. J., assignor to United States Steel Company. Machinability of quench-hardened alloy steels containing retained austenite. 2,563,672, Aug. 7.
Boyce, Leonard D., Kirkwood, assignor to Carter Carburetor Corporation, St. Louis, Mo. Switch device. 2,560,787, July 17.
Boyce, Leonard D., Maplewood, assignor to Carter Carburetor Corporation, St. Louis, Mo. Transmission control switch. 2,569,148, Sept. 25.
Boyce, Leonard D., Richmond Heights, assignor to Carter Carburetor Corporation, St. Louis, Mo. Engine starting device. 2,540,607, Feb. 6.
Boyce, Thompson, Institute for Plant Research, Inc., assignee: *See*—
Denny, Frank E.
Boyd-Barrett, Herbert S., Sale, J. R. Holker, Monton, and H. Steiner, Eccles, assignors to Petrocarbon Limited, London, England. Production of chlorinated methyl naphthalenes. 2,570,022, Oct. 2.
Boyd, Bruce: *See*—
Rambo, Sheldon I., and Boyd.
Boyd, Cecil P., Gettysburg, Pa. Safety hoop rolling device. 2,562,522, July 31.
Boyd, Charles A., and J. Hirschfelder, assignor to Wisconsin Alumni Research Foundation, Madison, Wis. Assaying solid catalysts. 2,573,245, Oct. 30.
Boyd, Clarence A., assignor to The Watt Car & Wheel Company, Barnesville, Ohio. Mine car. 2,554,773, May 29.
Boyd Coffee Company, assignee: *See*—
Johnson, Rudolph W.
Boyd, Donald S., Kansas City, Kans. Leaf turner device. 2,551,485, May 1.
Boyd, Donald S., Kansas City, Kans. Leaf turner. 2,574,013, Nov. 6.
Boyd, John B., West Los Angeles, Calif. Wall structure of building blocks. 2,546,356, Mar. 27.
Boyd, John P., Forest Hills, N. Y. Fishhook remover. 2,541,331, Feb. 13.
Boyd, Loyd Q., Hammond, Ind., assignor to Standard Oil Company, Chicago, Ill. Stabilization of DDT solutions at low temperatures by means of nitrocycloparaffins. 2,543,955, Mar. 6.
Boyd, Malcolm R., Hightstown, and L. Malter, Princeton, N. J., assignors to Radio Corporation of America. Gaseous discharge circuit. 2,571,824, Oct. 16.
Boyd, Robert C., Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Circuit breaker. 2,558,070, June 26.
Boyd, Thomas, Springfield, Mass., assignor to Monsanto Chemical Company, St. Louis, Mo. Amides of ortho titanic acid. 2,579,413, Dec. 18.
Boyd, Thomas, Springfield, Mass., assignor to Monsanto Chemical Company, St. Louis, Mo. Preparation of esters of ortho titanic acid. 2,579,414, Dec. 18.
Boyd, Thomas, and F. J. Lucht, Springfield, Mass., assignors to Monsanto Chemical Company, St. Louis, Mo. Polymerization of vinyl chloride in aqueous suspension to produce granular polymers. 2,580,277, Dec. 25.
Boyd-Welsh, Inc., assignee: *See*—
Jonas, Gilbert F.
Boyd, William, assignor to J. Blakeborough & Sons, Limited, Brighouse, England. Valve for controlling the flow of gaseous or liquid media. 2,571,826, Oct. 16.
Boyd, Winnett, Bobcaygeon, G. F. Kelk, Leaside, and J. E. Clarke, Toronto, assignors to A. V. Roe Canada Limited, Malton, Ontario, Canada. Electrically heated blade and manufacture. 2,540,472, Feb. 6.
Boyden, Robert E.: *See*—
Freeman, Nadine T., and Boyden.
Schwend, Fred N., and Boyden.
Boyden, Robert E., Los Angeles, assignor to Clary Multiplier Corporation, San Gabriel, Calif. Carrying means for office machines. 2,567,098, Sept. 4.
Boydstun, Ira S., Houston, Tex. Device for dispensing discrete particles. 2,574,166, Nov. 6.
Boye Needle Company, The, assignee: *See*—
Flannery, Roy L.
Boyer, Charles A., Winona Lake, Ind. Rope lock. 2,547,370, Apr. 3.
Boyer, Charles F., Allentown, Pa. Safety valve. 2,542,387, Feb. 20.
Boyer, Marion W., Baton Rouge, La., assignor to Standard Oil Development Company. Recovering catalyst in oil vapors. 2,541,635, Feb. 13.
Boyer, Martin, assignor of one-third to B. A. McIver, Lowry, Minn. Cast cutter. 2,571,527, Oct. 16.
Boyer, Ralph K., assignor to The Dill Manufacturing Company, Cleveland, Ohio. Vulcanizing clamp. 2,536,717, Jan. 2.
Boyer, Ralph K., Lakewood, assignor to The Dill Manufacturing Company, Cleveland, Ohio. Electric switch. 2,560,717, July 17.
Boyer, Ralph K., Lakewood, and H. W. Krohn, Jr., assignors to The Dill Manufacturing Company, Cleveland, Ohio. Valve stem bending tool. 2,565,646, Aug. 28.
Boyer, Ralph K., Lakewood, and H. W. Krohn, Jr., assignors to The Dill Manufacturing Company, Cleveland, Ohio. Device for testing air line pressure gauges. 2,579,359, Dec. 18.
Boyer, Ralph L., assignor to Cooper-Bessemer Corporation, Mount Vernon, Ohio. Turbo-supercharged high compression engine having low fuel-air ratio producing low turbine inlet temperature. 2,565,198, Aug. 21.
Boyer, Raymond F., and L. C. Rubens, assignors to The Dow Chemical Company, Midland, Mich. Diolefin-aconitate copolymers and making same. 2,557,903, June 19.

Boyer, Richard J., Hayward, Minn. Concentric shell type hot-air heater. 2,553,168, May 15.
Boyett, Jesse B., Sr., Nashville, Ga. Mobile spraying machine. 2,565,587, Aug. 28.
Boykin, John R.: *See*—
Johnson, John L., and Boykin.
Boykin, Robert O., Jr., Los Angeles, Calif., assignor to the United States of America as represented by the Secretary of the Navy. Impulse testing device. 2,573,830, Nov. 6.
Boyko, John, Union, N. J., assignor to E. I. du Pont de Nemours and Company, Wilmington, Del. Polymerization of liquid polymerizable organic compounds in elongated shapes. 2,576,712, Nov. 27.
Boyland, Charles H., Lakewood, assignor to The Wetherhead Company, Cleveland, Ohio. Sectional refrigeration system with directly connected back-seating valves. 2,540,649, Feb. 6.
Boyle, Archibald R., assignor to Dobbie McInnes Limited, Glasgow, Scotland. Rotational viscometer. 2,572,693, Oct. 23.
Boyle, John, Jr., assignee: *See*—
Orrison, Kelvin T.
Boyle, John R., assignor to Illinois Testing Laboratories, Inc., Chicago, Ill. Dew point measuring apparatus and method. 2,566,307, Sept. 4.
Boyle-Midway Inc., assignee: *See*—
Bowden, Garfield A., and Iddings.
Reinhardt, Herman E.
Boyle, William F., Mill Valley, assignors to The Pelton Water Wheel Company, San Francisco, Calif. Water wheel driven brush. 2,540,240, Feb. 6.
Boyles, Frank M., assignor to Cloverdale Spring Company, Baltimore, Md. Beverage and making the same. 2,556,792, June 12.
Boynton, Earl S.: *See*—
O'Brien, Joseph F., and Boynton.
Boynton, Wentworth D., Baltimore, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Coiling filamentary articles. 2,561,725, July 24.
Bozak, Rudolph T., Buffalo, N. Y. Loud-speaker unit. 2,563,452, Aug. 7.
Bozak, Rudolph T., and S. L. Krauss, assignors to C. G. Conn, Ltd., Elkhart, Ind. Switch for electrical musical instruments. 2,567,870, Sept. 11.
Bozarth, Gwylm H., assignor to Fixtures Manufacturing Corporation, Kansas City, Mo. Stool base structure. 2,572,437, Oct. 23.
Bozarth, Harry, Muskogee, Okla. Cue tip trimmer. 2,577,995, Dec. 11.
Bozel-Maletra Societe Industrielle de Produits Chimiques, assignee: *See*—
Lehmann, René L., and Lintner.
Bozeman, Virgil F., and C. W. Walz, Rock Island, assignors to Deere & Company, Moline, Ill. Beet crown abrading means. 2,538,351, Jan. 16.
Bozich, Michael J., Pittsburgh, Pa. Pneumatic system for conveying discrete material. 2,565,946, Aug. 28.
Bozich, Michael J., Pittsburgh, Pa. Apparatus for unloading pulverulent material from tanks. 2,580,214, Dec. 25.
Bozich, Michael J., Pittsburgh, Pa. Apparatus for unloading pulverulent material from transportation tanks. 2,580,215, Dec. 25.
Bozoky, Paul, Weirton, W. Va. Recording roll message device. 2,573,303, Oct. 30.
Brabham, Hugh B. S., Wembley, England, assignor to Hazeltine Research, Inc., Chicago, Ill. Television receiver contrast and brightness control. 2,550,960, May 1.
Brace, Donald M., St. Clair Shores, Mich. Spring gaff. 2,553,235, May 15.
Brace, George A., Highland Park, Ill., assignor to The Hoover Company, North Canton, Ohio. Cooling system for refrigerators. 2,539,986, Jan. 30.
Brace, George H.: *See*—
Drago, Alfred A., and Brace.
Braccio, Michael, Brooklyn, assignor to W., E., and C. Langbein, doing business as Wm. Langbein & Bros., New York, N. Y. Safety guard hammer and the like. 2,571,528, Oct. 16.
Brachfield, Erwin M., Los Angeles, Calif. Maternity garment. 2,579,645, Dec. 25.
Brachman, Philip R., Chicago, Ill. Pad for treating corns and the like. 2,539,115, Jan. 23.
Brack, Emil, Western Springs, Ill. Swing-down shelf. 2,558,416, June 26.
Brackenbury, William L., and H. W. Barnett, San Diego, Calif. Spark gap setting device. 2,549,165, Apr. 17.
Brackett, Richard T.: *See*—
Squibb, William F., and Brackett.
Brackmann, Frederick A., New York, N. Y. Bathing implement. 2,544,216, Mar. 6.
Brackney, Lester E., Baton Rouge, La. Bottle wrapper holder. 2,540,090, Feb. 6.
Brackney, Lester E., Baton Rouge, La. Water-cooling tower. 2,540,091, Feb. 6.
Bradburd, Ervin M., Fairlawn, N. J., assignor to International Standard Electric Corporation, New York, N. Y. Delay line termination. 2,565,469, Aug. 28.
Bradbury, Clifford C., Richmond, Ind., assignor to Hydraulic Brake Company, Detroit, Mich. Master cylinder with tilting valve. 2,552,033, May 8.
Bradbury, William E., Kansas City, Kans., assignor to Sheffield Steel Corporation, Kansas City, Mo. Reinforcing bar or rod. 2,552,364, May 8.
Bradbury, William E., Kansas City, Kans., assignor to Sheffield Steel Corporation, Kansas City, Mo. Dowel rod and sealing material supporting unit for joints in concrete. 2,552,365, May 8.
Braden, René, Hopewell, N. J., assignor to Radio Corporation of America. Frequency-modulated radar system of superheterodyne type. 2,544,293, Mar. 6.
Braden, Rene A., Lawrence Township, Mercer County, N. J., assignor to Radio Corporation of America. Automatic frequency control. 2,570,758, Oct. 9.
Braden, Rene A., Princeton, N. J., assignor to Radio Corporation of America. Radar system of superheterodyne frequency-modulated type. 2,540,506, Feb. 6.
Braden, Rene A., Princeton, N. J., assignor to Radio Corporation of America. Balanced microwave detector. 2,550,524, Apr. 24.
Bradfield, George K., Jr., Maywood, N. J., assignor to American Car and Foundry Company, New York, N. Y. Berth supporting leg. 2,564,875, Aug. 21.
Bradfield, Joseph L., Indianapolis, Ind. Tube cross connection. 2,538,859, Jan. 23.
Bradford, Albert H., Placentia, Calif. Orchard spray head. 2,574,812, Nov. 13.
Bradford, Arthur J., Wilmette, assignor, by mesne assignments, to Ampro Corporation, Chicago, Ill. Still picture projection machine. 2,553,075, May 15.
Bradford, Arthur J., and T. I. Ress, assignors, by mesne assignments, to Ampro Corporation, Chicago, Ill. Slide changer. 2,543,520, Feb. 27.
Bradford, Arthur J., Chicago, and C. Burnham, Glenview, assignors to Ampro Corporation, Chicago, Ill. Rotatable shaft position indexing device. 2,543,656, Feb. 27.
Bradford, Charles R., Los Angeles, Calif. Reducing fish or fish offal. 2,536,345, Jan. 2.
Bradford, Henry K., Baltimore, Md. Apparatus for measuring electrical characteristics. 2,543,715, Feb. 27.
Bradford Novelty Co., Inc., assignee: *See*—
Burnbaum, Jack.
Bradford, Purdy, Palos Heights, assignor to Swift & Company, Chicago, Ill. Manufacturing soap. 2,539,889, Jan. 30.
Bradford, S., and Sons Limited, assignee: *See*—
Foster, Arthur.
Bradford, W. J., Paper Co., assignee: *See*—
Bradford, William J., and Wahl.
Bradford, William J., and O. Wahl, assignors to W. J. Bradford Paper Co., Chicago, Ill. Sheet stacking device. 2,572,980, Oct. 30.
Bradley, Charles H., Jr., assignee: *See*—
Cunningham, Paul.
Bradley, Clark F.: *See*—
Brettell, George A., Jr., and Bradley.
Bradley, Dan T., Shaker Heights, assignor, by mesne assignments, to Harris Products Company, Cleveland, Ohio. Vibration mounting. 2,549,768, Apr. 24.
Bradley, Edwin J., Santa Ana, Calif. Ring form support. 2,559,210, July 3.
Bradley, Fred E., Ferguson, Mo. Pivoted side jaw wrench having arcuate guide slot and longitudinally slidable actuator. 2,569,551, Oct. 2.
Bradley & Gilbert Company, The, assignee: *See*—
Bolding, Hubert V.
Bradley, Harl C., Fort Wayne, Ind., assignor to General Electric Company. Supporting structure for machines. 2,571,672, Oct. 16.
Bradley, Harold, assignor to The Bradley Rotor Traverse Co., Inc., Staten Island, N. Y. Apparatus for traversing draperies and the like. 2,538,755, Jan. 23.
Bradley, Harris W., Bellefonte Heights, assignor to E. I. du Pont de Nemours and Company, Wilmington, Del. Alkylolamine and morpholine salts of polymerized olefin sulfonic acids. 2,570,094, Oct. 2.
Bradley, John J., Jr., Winchester, assignor to Boston Varnish Company, Everett, Mass. Oleoresinous varnishes and preparing them. 2,550,961, May 1.
Bradley, Joshua E., Stittsville, Ontario, Canada. Seed cleaner. 2,577,565, Dec. 4.
Bradley Lumber Company of Arkansas, assignee: *See*—
Redin, Clifton W.
Bradley, Margaret H.: *See*—
Day, Harold M., and Bradley.
Dutot, Henry E., and Bradley.
Bradley, Percy R., assignor to The Falkirk Iron Company Limited, Falkirk, Scotland. Pipe joint. 2,561,648, July 24.
Bradley, Robert L., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Breast leaf splitting machine. 2,575,406, Nov. 20.
Bradley, Robert O.: *See*—
Kendall, Donald B., and Bradley.
Bradley, Ronald E., and H. Fisher, assignors to Bendix Aviation Corporation, South Bend, Ind. Brake actuating mechanism. 2,554,291, May 22.
Bradley Rotor Traverse Co., Inc., The, assignee: *See*—
Bradley, Harold.
Bradley, Schuyler L., Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Regulating system. 2,571,827, Oct. 16.

Bradley, Stephen D., assignor to Detroit Macoid Corporation, Detroit, Mich. Temperature control device. 2,549,569, Apr. 17.
Bradley, Stephen D., assignor to Detroit Macoid Corporation, Detroit, Mich. Feeding means for plastic fabricating. 2,553,076, May 15.
Bradley, Stephen D., assignor to Detroit Macoid Corporation, Detroit, Mich. Weatherstrip. 2,560,408, July 10.
Bradley, Stephen D., Grosse Pointe, Mich., and R. C. Sanders, Evansville, Ind., assignors to Chrysler Corporation, Highland Park, Mich. Vehicle fender structure. 2,566,282, Aug. 28.
Bradley, Theodore F.: *See*—
Dannenberg, Hans, and Bradley.
Bradley, Theodore F., Oakland, assignor to Shell Development Company, San Francisco, Calif. Compositions of matter containing epoxy ethers and phosphorus-containing compounds. 2,541,027, Feb. 13.
Bradley, Theodore F., Oakland, assignor to Shell Development Company, San Francisco, Calif. Polyamide resin from dimerized unsaturated fatty acids of natural fatty oils. 2,555,111, May 29.
Bradley, Theodore F., Oakland, assignor to Shell Development Company, San Francisco, Calif. Crotonate esters of glyceryl polyethers of dihydric phenols. 2,575,440, Nov. 20.
Bradley Washfountain Co., assignee: *See*—
Mullett, Howard G., and Wachter.
Bradley, William E., Springfield Township, Montgomery County, assignor to Philco Corporation, Philadelphia, Pa. Signal mixing system. 2,566,820, Sept. 4.
Bradley, William E., Swarthmore, assignor, by mesne assignments, to Philco Corporation, Philadelphia, Pa. Pulse type radio range tracking and indicating system. 2,536,346, Jan. 2.
Bradley, William E., Wyndmoor, assignor, by mesne assignments, to Philco Corporation, Philadelphia, Pa. Superregenerative receiver. 2,572,907, Oct. 30.
Bradley, William H., assignor to Horton Manufacturing Company, Fort Wayne, Ind. Power augmenting drive means for ironing machines. 2,562,349, July 31.
Bradley, William H., assignor to Horton Manufacturing Company, Fort Wayne, Ind. Ironing machine drive mechanism. 2,565,199, Aug. 21.
Bradley, William T.: *See*—
Dunn, Holbert E., and Bradley.
Bradner, Donald B., Mount Healthy, assignor to The Champion Paper and Fibre Company, Hamilton, Ohio. Printing and coating paper. 2,555,266, May 29.
Bradner, Donald B., Washington, D. C., W. B. Stoddard, Jr., and P. S. Blickensderfer, assignors to The Champion Paper and Fibre Company, Hamilton, Ohio. Endless metal belt and making the same. 2,569,367, Sept. 25.
Bradner, Donald B., Washington, D. C., W. B. Stoddard, Jr., and P. S. Blickensderfer, assignors to The Champion Paper and Fibre Company, Hamilton, Ohio. Joining metal parts. 2,569,368, Sept. 25.
Bradstreet, George F., Bridgeport, Conn. Device for applying chains to tires. 2,537,440, Jan. 9.
Bradt, Charles H., Groton, assignor to L. C. Smith & Corona Typewriters, Inc., Syracuse, N. Y. Typewriter and like separately interfitted steam and molded cap keys. 2,545,133, Mar. 13.
Bradt, Charles H., Groton, assignor to L. C. Smith & Corona Typewriters, Inc., Syracuse, N. Y. Paper supporting, feeding, and severing means for calculating and the like machines. 2,555,728, June 5.
Brady, Charles V.: *See*—
Ottinger, August F., and Brady.
Brady, Charles V., St. Louis, and R. J. Williams, Richmond Heights, assignors to Bemis Bro. Bag Company, St. Louis, Mo. Bag structure and manufacture. 2,550,000, Apr. 24.
Brady, Charles V., and A. F. Ottinger, assignors to Bemis Bro. Bag Company, St. Louis, Mo. Valved bag. 2,558,169, June 26.
Brady, Charles V., and A. F. Ottinger, assignors to Bemis Bro. Bag Company, St. Louis, Mo. Valved bag and its manufacture. 2,564,462, Aug. 14.
Brady, Charles V., and A. F. Ottinger, assignors to Bemis Bro. Bag Company, St. Louis, Mo. Bag of open-mesh material and paper. 2,565,754, Aug. 28.
Brady, Edward B., Cleveland, Ohio. Loud-speaker system for drive-in theaters. 2,557,408, June 19.
Brady, Francis A., Canandaigua, assignor to Hickok Manufacturing Company, Inc., Rochester, N. Y. Stitchless wallet construction. 2,578,502, Dec. 11.
Brady, Francis E., Jr., Muncie, Ind. Pump assembly. 2,542,896, Feb. 20.
Brady, James M.: *See*—
Huston, William D., and Brady.
Soukup, Kenneth J., and Brady.
Brady, James M., West Long Branch, N. J. Pressure measuring device. 2,564,669, Aug. 21.
Brady, Joseph G., Minneapolis, and C. H. Jackson, St. Paul, assignors to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Potentiometer. 2,559,394, July 3.
Brady, Kenneth, Houston, Tex. Hydraulic jar. 2,551,868, May 8.
Brady, Madeline V., assignee: *See*—
Brady, Robert H., and Birkner.
Brady, Richard A., Hoboken, N. J. Automobile sling. 2,550,218, Apr. 24.
Brady, Robert H., St. Louis, and E. O. Birkner, Pasadena Hills, assignors of one-sixth to H. C. Reagan, one-sixth to M. V. Brady, St. Louis, and one-sixth to G. M. Birkner, Pasadena Hills, and one-sixth to P. Sievers, St. Louis, Mo. Bottle case. 2,537,299, Jan. 9.
Brady, W. H., Co., assignee: *See*—
Tobey, Frederic S.
Brady, William E., Parma, Ohio. Mechanical pencil with lead sharpening device. 2,548,649, Apr. 10.
Braeseke, Albert H., Chicago, Ill. Extruding machine. 2,547,151, Apr. 3.
Braga, Frank J., Hudson, Mass. Tack puller. 2,537,619, Jan. 9.
Brager, Leif, Maplewood, N. J., assignor to American Can Company, New York, N. Y. Container transfer mechanism. 2,570,198, Oct. 9.
Brague, Milford E., Wellsville, N. Y. Chuck wrench. 2,541,196, Feb. 13.
Brahs, George, Hawthorne, N. J. Making friction elements. 2,553,698, May 22.
Brailsford, Joseph D., and E. B. Vass, Chelmsford, assignors to Marconi's Wireless Telegraph Company Limited, London, England. Radio direction finder. 2,568,538, Sept. 18.
Brainerd, George M., and A. Vachon, Lewiston, Maine, assignors to Barber-Colman Company, Rockford, Ill. Yarn tensioning device for winding machines. 2,550,448, Apr. 24.
Brainard, Maurice W., Los Angeles, Calif., assignor of one-half to O'Keefe and Merritt Company. Permanent magnet type electric generator. 2,564,320, Aug. 14.
Braithwaite, Albert W., assignor to The George E. Failing Supply Company, Enid, Okla. Valve. 2,547,254, Apr. 3.
Braithwaite, David G., assignor to National Aluminate Corporation, Chicago, Ill. Compositions and removing cations from liquid media. 2,538,553, Jan. 16.
Brake-Trol Corporation, assignee: *See*—
Boesche, Frank H., Staver, and Griffith.
Bralley, James A., Bristol, Pa., assignor to The B. F. Goodrich Company, New York, N. Y. Halo-aryl allyl carbonates and polymers thereof. 2,548,141, Apr. 10.
Bralley, James A., Bristol, Pa., assignor to The B. F. Goodrich Company, New York, N. Y. Polyunsaturated nitrogen-containing compounds and polymers thereof. 2,568,608, Sept. 18.
Bramble, Donald E., Chicago, Ill. Convertible top structure. 2,558,926, July 3.
Bramble, Henry E., San Diego, Calif. Load lifting device. 2,575,485, Nov. 20.
Bramble, John H.: *See*—
Ford, James G., and Bramble.
Bramfitt, Thomas A.: *See*—
Gannon, John J., Fiscella, Powell, and Bramfitt.
Bramhall, George H., Cleveland, Ohio, assignor to General Electric Company. Vacuum cleaner nozzle with retractable floating brush. 2,570,759, Oct. 9.
Bramhall, George H., Cleveland, Ohio, assignor to General Electric Company. Controllable pressure means for spraying liquids and the like. 2,576,668, Nov. 27.
Bramhall, George H., Cleveland, Ohio, assignor to General Electric Company. Rotary valve sprayer. 2,576,669, Nov. 27.
Bramley, Jenny, Long Branch, N. J. Producing secondary-electron-emitting surfaces. 2,548,514, Apr. 10.
Bramley, Sylvanus W., White Plains, N. Y. Electrical switch. 2,552,141, May 8.
Bramley, Sylvanus W., White Plains, N. Y. Electromagnetic clock winding mechanism. 2,554,517, May 29.
Brammer, William N., assignor to Nylen Products Company, St. Joseph, Mich. Casting machine. 2,553,744, May 22.
Branch, Robert E., assignor to James W. Bell, Los Angeles, Calif. Tube deburring machine. 2,539,723, Jan. 30.
Branchflower, Dale R., H. J. White, and D. F. Winter, Cambridge, Mass., assignors, by mesne assignments, to the United States of America as represented by the Secretary of War. Electrical apparatus. 2,543,433, Feb. 27.
Branco, Abel B., Manteca, Calif. Rear delivery rake with frictional draft dumper. 2,567,800, Sept. 11.
Brand, David: *See*—
Pollack, Hyman, and Brand.
Brand, Emily M. A., assignee: *See*—
Brand, Harry R.
Brand, Eve, New York, N. Y. Compact. 2,570,314, Oct. 9.
Brand, Harry R., assignor to E. M. A. Brand, New York, N. Y. Adjustable machine control plate. 2,536,155, Jan. 2.
Brand, Harry R., assignor to E. M. A. Brand, New York, N. Y. Preparing tapes for controlling the operation of automatic dispensing mechanism. 2,540,241, Feb. 6.
Brand, Maurice B., Chicago, Ill. Denture liner of bibulous paper impregnated with vinyl resin. 2,557,025, June 12.
Brand, Samuel, Binghamton, and J. M. Cunningham, Endicott, assignors to International Business Machines Corporation, New York, N. Y. Record controlled dividing machine. 2,536,906, Jan. 2.

Brand, Samuel, Binghamton, and J. M. Cunningham, Endicott, assignors to International Business Machines Corporation, New York, N. Y. Skip bar for punching machines. 2,566,920, Sept. 4.

Brand, Warren H.: *See*—
Schwartz, Edward W., Brand, and Welsh.

Brandau, Harvey M., Wilton, Wis., assignor to W. C., Inc. Controlling weather. 2,550,324, Apr. 24.

Brandecker, August J., Chicago, Ill. Forced air cooling apparatus. 2,552,396, May 8.

Brandeis, Harold, Chicago, Ill., assignor to Colonial-Premier Company. Lamp fixture having a diffuser bowl with a circular fluorescent lamp surrounding the bowl. 2,575,486, Nov. 20.

Brandenberger, Jacques E., Paris, France, assignor to Societe La Cellophane (Swisse), Basel, Switzerland. Apparatus for wrapping plastic confections. 2,578,626, Dec. 11.

Brandenburg, Stanley A.: *See*—
Bickel, Clifford A., Brandenburg, and Foster.

Brandenburg, Stanley A., assignor to The Monarch Machine Tool Co., Sidney, Ohio. Engine lathe. 2,546,687, Mar. 27.

Brandes, Frank A., Shaker Heights, assignor to Automatic Die & Products Company, Cleveland, Ohio. Forming articles. 2,539,807, Jan. 30.

Brandes, Guenther C. F., Barrington, Ill. Stiff paper basket. 2,536,590, Jan. 2.

Brandes, Guenther C. F., Dundee, Ill. Making baskets. 2,574,371, Nov. 6.

Brandes, Roy H., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Speed responsive propeller pitch controller. 2,544,131, Mar. 6.

Brandl, Robert J., St. Paul, Minn. Disposable diaper. 2,564,094, Aug. 14.

Brandner, John D., assignor to Atlas Powder Company, Wilmington, Del. Dust filter adhesives. 2,538,187, Jan. 16.

Brandon, Chester, Malverne, assignor to Kollmorgen Optical Corporation, Brooklyn, N. Y. Variable power optical system for training devices, microscopes, telescopes, and the like. 2,536,718, Jan. 2.

Brandon, Chester, Malverne, assignor to Kollmorgen Optical Corporation, Brooklyn, N. Y. Prism mounting for telescopes. 2,550,962, May 1.

Brandon, Orville K., assignee: *See*—
Beall, Donald L., and Menges.

Brandon, Percy S.: *See*—
Rust, Nöel M., and Brandon.

Brandon, Richard C., Elizabeth, N. J., assignor to Standard Oil Development Company. Desulfurizing petroleum oils. 2,537,620, Jan. 9.

Brandon, Richard C., Elizabeth, N. J., assignor to Standard Oil Development Company. Removal of peroxides from cracked gasoline by catalytic hydrogenation. 2,542,471, Feb. 20.

Brandon, Richard C., Elizabeth, N. J., assignor to Standard Oil Development Company. Catalytic dehydrogenation of petroleum naphthenes. 2,560,329, July 10.

Brandon, Richard C., Elizabeth, N. J., assignor to Standard Oil Development Company. Refining kerosene with bauxite and sulfur dioxide. 2,560,330, July 10.

Brandon, Richard C., Elizabeth, and M. C. K. Jones, Mountainside, N. J., assignors to Standard Oil Development Company. Hypochlorite sweetening process. 2,550,668, May 1.

Brandon, Richard C., Elizabeth, and M. C. K. Jones, Westfield, N. J., assignors to Standard Oil Development Company. Producing parasiticidal oils. 2,553,355, May 15.

Brands, William G., Glendale, Calif. Bed slat hanger. 2,553,807, May 22.

Brandstetter, Jacob H., Zelienople, Pa. Two-way holdtight clothespin. 2,536,719, Jan. 2.

Brandstrom, Charles K., Seattle, Wash. Adjustable wall panel. 2,538,233, Jan. 16.

Brandstrom, Fred, and N. N. Belaef, Westport, Conn., assignors to Manning, Maxwell & Moore, Incorporated, New York, N. Y. Pressure regulator. 2,576,443, Nov. 27.

Brandt Automatic Cashier Company, assignee: *See*—
Buchholz, Arnold R., Sprenger, and Hoffman.

Brandt, Carl D.: *See*—
Dudley, John S., and Brandt.

Brandt, Carl S., Ithaca, N. Y., and J. W. Karsted, Washington, D. C. Drip channel for vehicles having convertible tops. 2,572,592, Oct. 23.

Brandt, Gideon, Kramer, N. Dak. Rear fender guard for pickup trucks. 2,549,166, Apr. 17.

Brandt, Henry E., North St. Paul, Minn. Sheet metal handle. 2,562,765, July 31.

Brandt, Henry E., North St. Paul, Minn. Sprayer nozzle. 2,563,152, Aug. 7.

Brandt, Henry E., North St. Paul, Minn. Dusting device. 2,569,369, Sept. 25.

Brandt, James B.: *See*—
Euler, Donald J., Crittenden, and Brandt.

Brandt, John R., assignor to Salerno Machinery Company, Chicago, Ill. Machine for coating wafers. 2,563,813, Aug. 14.

Brandt, Joseph, & Bro., Inc., assignee: *See*—
Brandt, Louis.

Brandt, Kristian H., Red Bank, N. J. Capacitor. 2,548,862, Apr. 17.

Brandt, Louis, assignor to Joseph Brandt & Bro., Inc., New York, N. Y. Narrow strip material adapted for making hat bodies. 2,541,151, Feb. 13.

Brandt, Preston L.: *See*—
Adams, Leon M., Brandt, Lee, and Wadsworth.

Brandt, Robert J., Los Angeles, Calif. Adjustable clamp for light shields. 2,548,650, Apr. 10.

Brandt, Sixten, Motala, Sweden. Clothes rack hook. 2,555,181, May 29.

Brandwein, A., & Company, assignee: *See*—
Rozwens, Joseph M.

Brange, Lennart B. V., and B. E. Sjöstrand, Boras, Sweden. Shaving apparatus. 2,577,873, Dec. 11.

Branick, Charles E., Fargo, N. Dak. Fluid pressure-operated tire bead loosening tool. 2,538,962, Jan. 23.

Branick, Charles E., Fargo, N. Dak. Rotatably and pivotally adjustable wheel hoist and support. 2,546,849, Mar. 27.

Brannen, Jacqueline: *See*—
Brannen, Lee D. and J.

Brannen, Lee D. and J., Boston, Mass. Fin wedge for high heel shoes. 2,571,673, Oct. 16.

Brannen, Paul M., Duquesne, Pa., assignor to Westinghouse Air Brake Company. Proximity detector employing microwaves. 2,580,155, Dec. 25.

Brannen, Paul M., and W. L. Konrad, Pittsburgh, assignors to The Union Switch & Signal Company, Swissvale, Pa. Railway track circuit apparatus. 2,554,006, May 22.

Brannin, Richard, East Williston, N. Y., assignor to The Sperry Corporation. Airplane automatic pilot. 2,553,546, May 22.

Brannin, Richard S., East Williston, P. Halpert, Hempstead, and G. F. Jude, Richmond Hill, N. Y., assignors to The Sperry Corporation. Automatic pilot for aircraft. 2,567,922, Sept. 18.

Brannin, Richard S., East Williston, N. Y., assignor to The Sperry Corporation. Cross control system. 2,571,106, Oct. 16.

Branning, Delos J., Pittsburgh, Pa., assignor to National Tube Company. Metal cask or tank with belt weld. 2,551,484, May 1.

Brannock, Kent C.: *See*—
Bell, Alan, and Brannock.

Branson, Charles D., Knoxville, Tenn., assignor to Robertshaw-Fulton Controls Company. Pressure responsive device. 2,554,659, May 29.

Branson, Charles D., assignor to Robertshaw-Fulton Controls Company, Knoxville, Tenn. Filling corrugated vessels with rubber. 2,572,438, Oct. 23.

Branson, Charles D., assignor to Robertshaw-Fulton Controls Company, Knoxville, Tenn. Pilot operated valve mechanism. 2,575,042, Nov. 13.

Branson, Charles D., assignor to Robertshaw-Fulton Controls Company, Knoxville, Tenn. Mixing valve with constant flow mechanism. 2,575,043, Nov. 13.

Branson, David E., River Edge, N. J., J. R. Davey, New York, N. Y., G. J. Knandel, Glen Rock, N. J., G. A. Locke, Glenwood Landing, N. Y., and R. A. Vanderlippe, Bloomfield, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Translator circuit. 2,556,958, June 12.

Branson, Harry, Hightstown, N. J., assignor to Radio Corporation of America. Rate smoothing network. 2,546,918, Mar. 27.

Branson, Raymond J., assignor to McNamar Boiler & Tank Company, Inc., Tulsa, Okla. Forming spherical containers. 2,579,646, Dec. 25.

Brant, Arthur A., Toronto, Ontario, Canada, assignor to Geophysical Exploration Company, New York, N. Y. Drill hole and underground resistivity method. 2,571,529, Oct. 16.

Brant, Elvin G., Cleveland, Ohio. Automobile clothes hanger. 2,537,507, Jan. 9.

Brantingham, Paul T., Glen Ellyn, Ill., assignor to International Harvester Company. Grit flushing bearing construction. 2,544,913, Mar. 13.

Brantingson, Sigurd, Maplewood, N. J., assignor of one-half to B. Martinuzzi, New York, N. Y. Push-button switch. 2,567,421, Sept. 11.

Branto, Andrew F., Los Angeles, Calif. Foldable portable chiropractor's table. 2,579,783, Dec. 25.

Brasco Manufacturing Company, assignee: *See*—
Bosshard, John J.

Braselton, Chester H., New York, N. Y. Lipstick. 2,545,444, Mar. 20.

Braselton, Chester H., New York, N. Y. Cosmetic applicator. 2,565,346, Aug. 21.

Braselton, Chester H., New York, N. Y. Cosmetic applicator. 2,573,828, Nov. 6.

Braselton, Chester H., New York, N. Y. Storage battery and protecting means therefor. 2,573,829, Nov. 6.

Brasfield, Herbert K., assignee: *See*—
Martin, Charles A.

Brasier, Oscar H., Tacoma, Wash. Coin bank with removable cylinders. 2,552,931, May 15.

Brassel, Jakob: *See*—
Straub, Fritz, Brassel, and Pieth.
Widmer, Willy, and Brassel.

Brassert, H. A., & Company, assignee: *See*—
Brassert, Herman A.
Brassert, Herman A., and de Jahn.
Brassert, Herman A., and Kling.
De Jahn, Fredrik W.
Ramseyer, Charles F.

Brassert, Herman A., Washington, Conn., assignor to H. A. Brassert & Company, New York, N. Y. Process and apparatus for forming plastic material. 2,540,092, Feb. 6.

Brassert, Herman A., Washington, Conn., and F. W. de Jahn, assignors to H. A. Brassert & Company, New York, N. Y. Reduction of metallic oxides. 2,547,685, Apr. 3.

Brassert, Herman A., Washington, Conn., and F. E. Kling, Brooklyn, assignors to H. A. Brassert & Company, New York, N. Y. Blast furnace. 2,567,007, Sept. 4.

Brast, Oscar, assignee: *See*—
Hudson, Curtis G.

Braswell, Blake W., Houston, Tex. Ribbon holder. 2,536,027, Jan. 2.

Braswell, Lige A., Wisner, La. Exhaust driven spreading device. 2,538,756, Jan. 23.

Brateng, Carl I., Long Beach, Wash. Cranberry picker. 2,544,443, Mar. 6.

Bratfisch, Warren A., Downey, Calif., assignor to The B. F. Goodrich Company, New York, N. Y. Self-aligning nut assembly. 2,553,236, May 15.

Bratt, Axel E., Goteborg, Sweden, assignor to SKF Industries Inc., Philadelphia, Pa. Press fitted joint and separating the members thereof. 2,564,670, Aug. 21.

Bratt, Nils, Chicago, Ill. Apparatus for raising curtains, shades, and blinds. 2,576,171, Nov. 27.

Brattain, Walter H., Chatham, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Light-sensitive electric device. 2,537,255, Jan. 9.

Brattain, Walter H., Chatham, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Light-sensitive electric device. 2,537,256, Jan. 9.

Brattain, Walter H., Chatham, N. J., assignor to the United States of America as represented by the Secretary of the Navy. Wave-train magnetometer. 2,565,799, Aug. 28.

Brattain, Walter H., Morristown, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Light-sensitive electric device. 2,537,257, Jan. 9.

Bratthauer, Clifford C., U. S. Navy, C. E. Gallagher, Doylestown, Pa., and W. S. Clewell, U. S. Navy. Turnbuckle and locking device therefor. 2,538,757, Jan. 23.

Bratz, William G., Easton, Conn. Fender extension. 2,559,755, July 10.

Brauchler, Charles A., Canton, Ohio. Forging hollow articles. 2,557,722, June 19.

Brauchler, Charles A., Canton, Ohio. Making equalizer beams. 2,579,030, Dec. 18.

Braun, Alfred E., assignee: *See*—
Tallman, Harland M.

Braun, Armond W., Grafton, Iowa. Post pulling mechanism for tractors. 2,553,077, May 15.

Braun, Carl J.: *See*—
Housekeeper, Earl J., and Braun.

Braun, Carl J., assignor to The Wooster Brass Company, Wooster, Ohio. Mixed drink faucet. 2,574,906, Nov. 13.

Braun, Gustav F., Elizabeth, assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Phonograph on-off control. 2,567,318, Sept. 11.

Braun, Karl J., Glenbrook, Conn., assignor to Control Instrument Company, Inc., Brooklyn, N. Y. Card analyzer and printing means in a tabulator. 2,562,232, July 31.

Braun, Louis H., Beaver, assignor to Keystone Bakery, Inc., West Bridgewater, Pa. Apparatus for processing iced bakery products. 2,550,526, Apr. 24.

Braun, Ottwin L., Pittsburgh, assignor to Reliance Steel Products Company, McKeesport, Pa. Road form joint. 2,550,525, Apr. 24.

Braun, Ottwin L., Pittsburgh, assignor to Reliance Steel Products Company, McKeesport, Pa. Furnace door frame. 2,552,142, May 8.

Braun, Ottwin L., Pittsburgh, assignor to Reliance Steel Products Company, McKeesport, Pa. Road rail. 2,577,996, Dec. 11.

Braun, Philip N., assignor to Textile Marking Machine Co., Inc., Syracuse, N. Y. Tag holding means for laundry marking machines. 2,544,064, Mar. 6.

Braun, Philip N., Syracuse, N. Y. Ink ribbon mechanism for marking machines. 2,563,513, Aug. 7.

Braun, Philip N., Syracuse, N. Y. Tape feeding and severing mechanism for marking machines. 2,575,407, Nov. 20.

Braun, Roy R., Jr., Milwaukee, Wis. Bicycle sidecar. 2,537,258, Jan. 9.

Braun, Walter, Los Angeles, Calif. Cushion platform type shoe construction. 2,546,296, Mar. 27.

Braunsdorff, Reginald K., East Orange, assignor to Tung-Sol Lamp Works, Inc., Newark, N. J. Electric lamp. 2,543,093, Feb. 27.

Braunsdorff, Reginald K., East Orange, assignor to Tung-Sol Lamp Works, Inc., Newark, N. J. Electric incandescent lamp and manufacturing. 2,556,059, June 5.

Braunsdorff, Reginald K., East Orange, assignor to Tung-Sol Lamp Works, Inc., Newark, N. J. Projector unit. 2,575,790, Nov. 20.

Braunstein, Jules, North Hollywood, Calif. Finger ring with a slide connector. 2,571,674, Oct. 16.

Brauss, Minnie W., Bloomfield, N. J., assignor to Corsetry, Inc., Derby, Conn. Foundation garment. 2,567,761, Sept. 11.

Braverman, David: *See*—
Rubenstein, Herschel B., and Braverman.

Brawand, Franklin M., Metzger, Oreg. Log arch hook. 2,537,326, Jan. 9.

Bray, Ellis E., Cedar Hill, Tex., assignor, by mesne assignments, to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Measurement of fluorescence. 2,554,321, May 22.

Bray, Frederick H., and L. R. Brown, London, England, assignors, by mesne assignments, to International Standard Electric Corporation, New York, N. Y. Arrangement for counting electrical impulses. 2,549,769, Apr. 24.

Bray, Frederick H., L. R. Brown, and D. S. Ridler, London, England, assignors to International Standard Electric Corporation, New York, N. Y. Automatic telephone selective switching system. 2,576,097, Nov. 27.

Bray, Frederick H., and D. S. Ridler, London, England, assignors to International Standard Electric Corporation, New York, N. Y. Storage of electrical impulses. 2,576,098, Nov. 27.

Bray, Frederick H., G. C. Hartley, and D. S. Ridler, London, England, assignors to International Standard Electric Corporation, New York, N. Y. Electrical translator of binary code to decimal code. 2,576,099, Nov. 27.

Bray, Malcolm D.: *See*—
Puryear, Oney P., and Bray.

Bray, Olin B., Lynwood, Calif. Adjustable thumb and finger loop for scissors and shears. 2,571,675, Oct. 16.

Bray, Olin B., Lynwood, Calif. Detachable blade and handle for shears. 2,575,861, Nov. 20.

Brayden, William J.: *See*—
Williams, Edward F., and Brayden.

Brayton, Corey C., Oakland, Calif., assignor to American Brake Shoe Company, New York, N. Y. Conveyer. 2,545,134, Mar. 13.

Brazelton, Lester, assignee: *See*—
Pavkov, George.

Brazis, Edward M.: *See*—
Jaffe, Hans, Brazis, and Kjellgren.

Breadner, Robert L., Kenton, and C. H. Simms, Twickenham, England, assignors to General Electric Company. Making stems for electric lamps. 2,545,873, Mar. 20.

Bready Tractor & Implement Company, assignee: *See*—
Woodard, Walter M., and Taylor.

Breakey, George B.: *See*—
Hovlid, Norman G., and Breakey.

Breakey, Norman J., assignee: *See*—
MacKey, Cecil R.

Breakstone, Seymour, Chicago, Ill. Valved closure plug for insertion in the neck of a bottle. 2,579,724, Dec. 25.

Breau, Anthony: *See*—
Duell, Edith B., and Breau.
Leopold, Robert, and Breau.

Breault, Delphis C., Lowell, Mass. Fuel burner. 2,546,967, Apr. 3.

Breazeale, Francis B., Hendersonville, assignor to American Enka Corporation, Enka, N. C. Drying rayon. 2,539,943, Jan. 30.

Brecheisen, Henry A., Baldwin, Kans. Nut cracker with reciprocating jaw. 2,577,645, Dec. 4.

Brechner, Hyman, Tuckahoe, N. Y. Combination manifold form and envelope. 2,558,813, July 3.

Breckenridge, Ralph C.: *See*—
McCallum, Arachie H., Breckenridge, and Case.

Breden, Calvin R.: *See*—
Stammer, William C., and Breden.

Bredesen, Philip N.: *See*—
Lord, Kenneth M., and Bredesen.

Bredeson, Alfred I., Everett, Wash. Apparatus for cutting and mixing sand. 2,562,766, July 31.

Bredl, George F. and M., M., Buffalo, and W. F. Bredl, Sloan, N. Y. Nonskid and auxiliary traction device. 2,544,774, Mar. 13.

Bredl, Michael M.: *See*—
Bredl, George F., M. M., and W. F.

Bredl, Wenzl F.: *See*—
Bredl, George F., M. M., and W. F.

Breed, Carroll M., Ypsilanti, Mich. Valve construction. 2,578,920, Dec. 18.

Breed, Miles W., Elizabeth, Ill. Lamp and license plate support. 2,550,325, Apr. 24.

Breedlove, Harry B., Baton Rouge, La., assignor of one-half to J. H. Weatherford, Memphis, Tenn. Rotary pump and motor hydraulic transmission. 2,541,197, Feb. 13.

Breen, Henry D., Chicago, and A. G. Kuellmar, Blue Island, assignors to Union Asbestos & Rubber Company, Chicago, Ill. Power take-off device. 2,574,372, Nov. 6.

Breen, Stanley, Geneva, assignor to Operadio Manufacturing Co., St. Charles, Ill. Apparatus triggered by recorded signals. 2,558,669, June 26.
Breen, Stanley, Geneva, and M. A. Kerr, Wheaton, Ill., assignors to Operadio Manufacturing Co. Electrical apparatus. 2,558,670, June 26.
Breese Burners, Inc., assignee: *See*—
Breese, James L.
Breese, James L., assignor to Breese Burners, Inc., Santa Fe, N. Mex. Flame director for use with an open end pot type oil burner. 2,538,745, Jan. 23.
Breese, James L., assignor to Breese Burners, Inc., Santa Fe, N. Mex. Pilot for vaporizing burners. 2,579,293, Dec. 18.
Breese, John M.: *See*—
Weaver, William R., and Breese.
Breeze Corporations Inc., assignee: *See*—
Balton, Herman.
Walsh, Ralph E.
Breeze, George E., Saugus, assignor to The Palmer Electric & Manufacturing Co., Wakefield, Mass. Switch. 2,553,510, May 15.
Brehany, John J., and P. M. Ahlstrand, Kenmore, N. Y., assignors, by mesne assignments, to Union Carbide and Carbon Corporation. Portable liquid container. 2,567,164, Sept. 11.
Brehmer, Tor E.: *See*—
Somer, Vaino H., and Brehmer.
Brei, Daniel L., Cambridge, assignor to S. J. Piwowarski, Saugus, Mass. Boat-handling and launching apparatus. 2,554,398, May 22.
Breier, Marcus, assignor to Marcus Breier Sons, Inc., Amsterdam, N. Y. Coat collar construction. 2,561,779, July 24.
Breier, Marcus, Sons, Inc., assignee: *See*—
Breier, Marcus.
Breimer, Sytse, Eindhoven, Netherlands, assignor to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Radio transmitter with hum compensating means. 2,546,025, Mar. 20.
Breimer, Sytse, Eindhoven, Netherlands, assignor to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. High-frequency oscillator with a back-coupled electron tube. 2,554,087, May 22.
Breisch, Edgar W., Edgewood, Pa., assignor to Westinghouse Air Brake Company. Portable and emergency equipment for inductive carrier communication systems. 2,574,167. Nov. 6.
Breisch, John H., Lakewood, assignor to Measuring Machines, Inc., Rocky River, Ohio. Apparatus for treating the surface of articles. 2,552,767, May 15.
Breitbarth, Randall H., Akron, Iowa. Endgate construction. 2,573,395, Oct. 30.
Breitenstein, Charles T., Chicago, Ill., assignor to R. T. Moloney. Reversible counter and indicator. 2,551,656, May 8.
Breitenstein, John S.: *See*—
Cole, Sandford S., and Breitenstein.
Breitenstein, Victor W., Chicago, Ill., assignor to F. N. Bard. Electrically conductive revolving joint. 2,545,939, Mar. 20.
Breitenstein, Victor W., Chicago, and E. R. Boddinghouse, Evanston, Ill., assignors to F. N. Bard. Internal-combustion rammer. 2,561,093, July 17.
Breiter, Samuel, and M. E. Hultquist, Bound Brook, N. J., assignors to American Cyanamid Company, New York, N. Y. Citric acid salts and their preparation. 2,537,004, Jan. 9.
Breitzke, Adrian P., assignor to Northern Engraving & Manufacturing Co., La Crosse, Wis. Indicator mechanism. 2,538,188, Jan. 16.
Breivogel, Philip J.: *See*—
Sondern, Clarence W., and Breivogel.
Brekke, Peter, Los Angeles, Calif. Toolholder and toolholder block combination. 2,571,530, Oct. 16.
Brekle, Oliver R., assignor to Precision Crown Company, Birmingham, Ala. Wire garment hanger forming machine. 2,566,400, Sept. 4.
Brell, Jules J., Baldwin, N. Y. Retaining ring. 2,567,543, Sept. 11.
Brelsford, David E., Topeka, Kans. Retractable stairs. 2,564,954, Aug. 21.
Brelsford, Harry W., Pasadena, Calif. Combined light and horn system. 2,579,292, Dec. 18.
Bremer, Frederick J., assignor to The Mosler Safe Company, Hamilton, Ohio. Fire-resistant doorframe. 2,552,515, May 15.
Bremer, Frederick J., Hamilton, Ohio. Fire-resistant door frame. 2,554,399, May 22.
Bremer, Harry E., Milwaukee, Wis. Steam generating electric iron. 2,547,558, Apr. 3.
Bremer, Hermann F. and J. A. Gondolfo, Bronx, assignors, by mesne assignments, to Rainbows, Inc., New York, N. Y. Automatic drinking cup dispensing device. 2,559,063, July 3.
Bremer, Norman C., assignor to Morse Chain Co., Ithaca, N. Y. Quick detachable hub. 2,556,151, June 5.
Bremer, Roy H.: *See*—
Myrick, George H., and Bremer.
Bremner, John G. M., Norton-on-Tees, England, assignor to Imperial Chemical Industries Limited. Production of liquid polymers from dihydropyran. 2,543,685, Feb. 27.
Bremner, John G. M., D. G. Jones, and R. R. Coats, Norton-on-Tees, England, assignors to Imperial Chemical Industries Limited. Hydrogenation of alkyl furans to produce ketones. 2,537,813, Jan. 9.
Bremner, John G. M., and S. Beaumont, Norton-on-Tees, England, assignors to Imperial Chemical Industries Limited. Stabilization of pyrophoric metal catalysts under fluidized conditions. 2,565,347, Aug. 21.
Bremser, Albert T., Sidney, assignor to Bendix Aviation Corporation, New York, N. Y. Fuel injection apparatus. 2,564,830, Aug. 21.
Brendel, Leon, St. Helena, Calif. Bearing construction. 2,549,659, Apr. 17.
Brendel, William J., Ellicott City, Md., and J. S. Schapiro, Los Angeles, Calif., assignors to Sparkle Beverages, Inc., Ellicott City, Md. Carbonating apparatus. 2,563,390, Aug. 7.
Brendt, Harris L.: *See*—
Owen, George E., and Brendt.
Brenholdt, Irving R., Chicago, Ill., assignor, by mesne assignments, to the United States of America as represented by the United States Atomic Energy Commission. Amplifier. 2,541,198, Feb. 13.
Brenholdt, Irving R., assignor to Standard Oil Company, Chicago, Ill. Thickness gauge for magnetic material. 2,572,908, Oct. 30.
Brenkert, Karl, Detroit, Mich., assignor to Radio Corporation of America. Compensating mechanism for motion-picture machines. 2,576,713, Nov. 27.
Brenn, Carl W., Montclair, assignor to Autographic Register Company, Hoboken, N. J. Sheet assembly method. 2,557,723, June 19.
Brennan, James D., Bridgeport, Conn. Combined handle and brush wiper for paint cans. 2,572,694, Oct. 23.
Brennan, Joseph B., Bratenahl, Ohio. Apparatus for casting metal strips. 2,540,242, Feb. 6.
Brennan, Joseph B., Bratenahl, Ohio, assignor to Everett D. McCurdy, trustee. Electrolytic condenser. 2,547,371, Apr. 3.
Brennan, Joseph B., Bratenahl, Ohio, assignor to E. D. McCurdy, as trustee. Accoustic diaphragm with plural voice coil supports. 2,551,556, May 1.
Brennan, Joseph B., Bratenahl, Ohio, assignor to E. D. McCurdy, trustee. Direct-current electrolytic condenser. 2,551,869, May 8.
Brennan, Joseph B., Bratenahl, Ohio, assignor to E. D. McCurdy, as trustee. Electrolytic device. 2,567,841, Sept. 11.
Brennan, Joseph B., Bratenahl, Ohio. Casting method and apparatus. 2,569,150, Sept. 25.
Brennan, Joseph B., Bratenahl, Ohio. Making sintered metal stencils. 2,573,951, Nov. 6.
Brennan, Joseph B., Bratenahl, Ohio, assignor to E. D. McCurdy, trustee. Electrode for electrolytic condensers. 2,578,667, Dec. 18.
Brennan, Joseph B., Cleveland, Ohio. Bimetallic structure. 2,569,149, Sept. 25.
Brennan, Joseph B., Cleveland, Ohio. Pump. 2,580,278, Dec. 25.
Brennan, Patrick H., Detroit, Mich. Nail driving device. 2,538,895, Jan. 23.
Brennan, Raymond F., Attleboro, Mass. Bottle holder and font for holy water. 2,537,875, Jan. 9.
Brennan, Robert M., Cleveland, Ohio. Electrolytic condenser for use on alternating-current devices. 2,579,250, Dec. 18.
Brennan, William R., Phoenix, Ariz. Tapeline anchor. 2,549,287, Apr. 17.
Brennecke, Cornelius G.: *See*—
Gallagher, Robert T., Brennecke, and Currie.
Brenneke, Arthur M., New Castle, assignor to Perfect Circle Corporation, Hagerstown, Ind. Tool for expanding cylinder liners. 2,575,938, Nov. 20.
Brenneman, Theron F.: *See*—
Hagerty, Andrew T., and Brenneman.
Brenneman, Theron F., Elkhart, Ind., assignor to The Adlake Company, Chicago, Ill. Window construction. 2,568,985, Sept. 25.
Brenner, Abner, Chevy Chase, Md., assignor to the United States of America as represented by the Secretary of Commerce. Instrument for use in determining the stress in an electrodeposit. 2,568,713, Sept. 25.
Brenner, Abner, Chevy Chase, Md., P. S. Burkhead, Bethlehem, Pa., and G. E. Riddell, Washington, D. C., assignors to the United States of America as represented by the Secretary of War. Securing adhesion of electroplated coatings to a metal base. 2,546,150, Mar. 27.
Brenner, Bert, Union, N. J., assignor to A. Cohn, Larchmont, N. Y. Variable resistor. 2,537,733, Jan. 9.
Brennish, Peter P., Baltimore, Md. Oiling device for pipe working tools. 2,564,187, Aug. 14.
Brent, George D. P., Danvers, assignor to Sylvania Electric Products Inc., Salem, Mass. Apparatus for applying a primer coating to the stems of flash lamps. 2,578,627, Dec. 11.
Brent, George F., Pittsburgh, Pa., assignor to Hunter-Douglas Corporation, Riverside, Calif. Ladder tape. 2,577,227, Dec. 4.
Brenta, Carmella S., assignee: *See*—
Brenta, Roberto.
Brenta, Roberto, assignor of fifty per cent to J. Schneider and fifty per cent to C. S. Brenta, New York, N. Y. Radio receiving set. 2,542,793, Feb. 20.

Breon, George A., & Company, assignee: *See*—
Goodson, Louis H., Moffett, Stafford, and Hoehn, Moffett, Robert B. and Hart.
Brès, Frances J., Washington, D. C. Jewelry case. 2,565,167, Aug. 21.
Bresler, George A.: *See*—
Wagner, Levi F., and Bresler.
Breslow, David S., assignor to Hercules Powder Company, Wilmington, Del. Polymerization of rosin. 2,554,487, May 29.
Breslow, David S., assignor to Hercules Powder Company, Wilmington, Del. Polymerization of dehydrogenated rosin acids and derivatives. 2,554,810, May 29.
Brest, Harry C., assignor to R. M. Walcott Co., Pomona, Calif. Boxed produce handling equipment. 2,548,767, Apr. 10.
Bretch, Edward, St. Louis, Mo., assignor to Century Electric Company. Dynamoelectric machine. 2,538,410, Jan. 16.
Breth, Ferdinand W., Petrolia, Pa., assignor to L. Sonneborn Sons, Inc. Recovery of acid values from sulfuric acid sludges. 2,571,107, Oct. 16.
Bretherton, Thomas O., Villanova, Pa. Apparatus for depositing strips of adhesive upon a base material. 2,573,952, Nov. 6.
Bretney, George S., Covington, Ky. Lid and actuating mechanism therefor. 2,552,397, May 8.
Bretsch, Michael A., and R. K. Christie, assignors to Champion Spark Plug Company, Toledo, Ohio. Spark plug gap setter. 2,553,169, May 15.
Bretscher, Hans, assignor to J. R. Geigy A. G., Basel, Switzerland. Esterlike anhydride of hydroxynaphthalene tetrasulfonic acid. 2,578,967, Dec. 18.
Brettell, George A., Jr.: *See*—
Pieree, Firth, and Brettell.
Brettell, George A., Jr., and C. F. Bradley, San Diego, Calif., assignors to the United States of America as represented by the Secretary of the Navy. Electronic deviation indicator for echo ranging training apparatus. 2,545,191, Mar. 13.
Breuer Electric Manufacturing Company, assignee: *See*—
Breuer, Grant W., Lanter and Lorr.
Lanter, Clarence W.
Breuer, Grant W., Northbrook, C. W. Lanter, Bartlett, and W. R. Lorr, Skokie, assignors to Breuer Electric Manufacturing Company, Chicago, Ill. Brush for floor treating machines. 2,539,054, Jan. 23.
Breul, Fredric W., Bridgeport, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Feeding mechanism for sewing machines. 2,546,939, Mar. 27.
Breul, Fredric W., Bridgeport, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Work-guiding attachment for sewing machines. 2,547,562, Apr. 3.
Breuninger, William R., Malvern, Pa. Batter board. 2,562,597, July 31.
Brevets Aero-Mecaniques S. A., assignee: *See*—
Maillard, Bernard.
Brewer, Aubrey K., Richland Center, Wis. Process and apparatus for the electro-chemical separation of chemicals by ion migration. 2,566,308, Sept. 4.
Brewer, George E. F., Detroit, assignor to Gage Products Company, Ferndale, Mich. Electrically neutral organic liquid compositions. 2,574,528, Nov. 13.
Brewer, Harry W., assignor to Ritepoint Co., St. Louis, Mo. Advertising device for pencils or the like. 2,574,615, Nov. 13.
Brewer, John H.: *See*—
Curtis, Raymond M., Brewer, and Stickels.
Brewer, John H., Baltimore, Md., assignor to Hynson, Westcott & Dunning, Incorporated. Inhibition zone reader. 2,577,069, Dec. 4.
Brewer, John H., Towson, Md., assignor to Hynson, Westcott & Dunning, Incorporated. Filler track. 2,536,259, Jan. 2.
Brewer, Nathaniel, Newtown, assignor to Fischer & Porter Company, Hatboro, Pa. Rotameter. 2,557,072, June 19.
Brewer, Richard D., assignor to Ford Motor Company, Dearborn, Mich. Magnetic operated switch. 2,570,315, Oct. 9.
Brewer-Titchener Corporation, The, assignee: *See*—
Johannsen, Udo K.
Brewer, Vern S., assignee: *See*—
Davitt, Ralph L.
Brewster, Clara J., assignee: *See*—
Brewster, John K.
Brewster, Gordon F.: *See*—
Kreidl, Norbert J., and Brewster.
Brewster, John K., assignor of one-half to C. J. Brewster, Detroit, Mich. Stabilizer for semitractors and trailers. 2,545,339, Mar. 13.
Brewton, Lee, Melrose Park, assignor to Federated Machine Products Inc., Chicago, Ill. Traction supply device. 2,572,306, Oct. 23.
Březek, Rudolf, Prague-Smichov, assignor to Tatra narodni podnik, Koprivnice, Czechoslovakia. Air inlet structure for the aeration of the rear engine compartment in streamlined vehicles. 2,556,464, June 12.
Březek, Rudolf, Prague-Smichov, assignor to Tatra narodni podnik, Koprivnice, Czechoslovakia. Arrangement of the air inlet to the carburetor of air-cooled engines with the cylinders in V. 2,571,828, Oct. 16.
Brian, William S., New York, N. Y., assignor, by mesne assignments, to General Electric Company. Manufacturing electrodes. 2,577,103, Dec. 4.
Briant, Raymond C.: *See*—
Weissert, Frederick C., Behrend, and Briant.
Brice, Jesse F., assignor to Brice Toy and Novelty, Inc., East Aurora, N. Y. Sounding wheeled toy. 2,546,297, Mar. 27.
Brice, Thomas J: *See*—
Simons, Joseph H., and Brice.
Brice Toy and Novelty, Inc., assignee: *See*—
Brice, Jesse F.
Brichard, Edgard, Jumet, M. Delacuvellerie, Loverval, and P. Malicheff, Couillet, assignors to Union Des Verreries Mecaniques Belges, S. A., Charleroi, Belgium. Cutter tool control for glass cutting machines. 2,576,564, Nov. 27.
Brick, Bayard R., assignor to W. Wurdack, St. Louis, Mo. Coating porous masonry to render it water repellent. 2,574,168, Nov. 6.
Bricker, Carl E., assignor to Wingfoot Corporation, Akron, Ohio. Link mounted brake. 2,575,578, Nov. 20.
Bricker, Mead L., Detroit, assignor to Ford Motor Company, Dearborn, Mich. Core box vent. 2,537,889, Jan. 9.
Brickman, Alan E., Worcester, Mass., assignor to The American Steel and Wire Company of New Jersey. Flexible conduit. 2,550,669, May 1.
Brickman, Alan E., Worcester, Mass., assignor to The American Steel and Wire Company of New Jersey. Flexible conduit. 2,550,670, May 1.
Brickman, Alan E., Worcester, Mass. Pavement lane marker. 2,579,467, Dec. 25.
Brickman, Elmer A., Minneapolis, Minn., assignor to Western Electric Company, Incorporated, New York, N. Y. Grommet inserting mechanism. 2,559,847, July 10.
Brickman, Leo: *See*—
Baker, Bruce E., Brickman, and Ryan.
Brickmaster, Inc., assignee: *See*—
Mandryl, Joseph J.
Brickson, Thomas B., Los Angeles, Calif., assignor, by mesne assignments, to Doughnut Corporation of America, New York, N. Y. Doughnut turner. 2,537,204, Jan. 9.
Bricmont, George A.: *See*—
McKhann, Charles F., and Bricmont.
Bricmont, George A., Berea, assignor to Diapette, Inc., Bratenahl, Ohio. Diaper device. 2,538,758, Jan. 23.
Bricmont, George A., Berea, assignor to Diapette, Inc., Bratenahl, Ohio. Absorbent pad. 2,548,341, Apr. 10.
Brictson, Casper A., assignee: *See*—
Shoults, Clyde A., and Walker.
Bridenbaugh, Quinter C., Glenwood Springs, Colo. Fluid motor. 2,567,505, Sept. 11.
Bridge, Archibald C., Westbridgeford, assignor to Luxfer Limited, London, England. Gravity die casting of light metal frames. 2,550,037, Apr. 24.
Bridge, David, & Company Limited, assignee: *See*—
Brown, Joseph.
Bridge, Edward W., Philadelphia, Pa. Vegetable trimming machine. 2,571,531, Oct. 16.
Bridge, L. D., Company, assignee: *See*—
Bridge, Lawrence D.
Bridge, Lawrence D., assignor to L. D. Bridge Company, Blairsville, Pa. Prismatic dispersion lens. 2,542,114, Feb. 20.
Bridge, Loren F.: *See*—
Locke, John P., McLean, and Bridge.
Perry, Ray P., Dickmann, and Bridge.
Bridge, William J., assignor to R. G. Dixon & Company Limited, Wembley, England. Suction squeegee. 2,553,034, May 15.
Bridge Tables & Novelties, Inc., assignee: *See*—
Christensen, John A.
Thal, Bernard.
Bridgeport Brass Company, assignee: *See*—
Efford, John T.
Hiertz, Arthur J.
Bridgeport Fabrics, Inc., assignee: *See*—
Spraragen, Louis.
Bridgeport Tool and Die Company, Incorporated, The, assignee: *See*—
George, Stephen.
Bridger, Floyd R., Jr., Jonesboro, Ark. Flexible tractor planter attaching assembly. 2,551,870, May 8.
Bridger, Grover L.: *See*—
Skolnik, Sol, and Bridger.
Bridges, Donald E., London, England. Selective circuit arrangement. 2,545,567, Mar. 20.
Bridges, John H., Fairburn, Ga., assignor to National Inventions Corporation. Transformer. 2,577,733, Dec. 11.
Bridges, John H., New York, N. Y., assignor to National Inventions Corporation. Lighting system and apparatus. 2,549,288, Apr. 17.
Bridges, John H., Paterson, N. J., assignor, by mesne assignments, to National Inventions Corporation. Transformer. 2,546,968, Apr 3.
Bridges, John H., Paterson, N. J., assignor, by mesne assignments, to National Inventions Corporation. Transformer. 2,575,093, Nov. 13.

Bridgman, Percy W., Cambridge, Mass. Method and apparatus for cold drawing. 2,558,035, June 26.
Bridgman, Percy W., Cambridge, Mass., R. R. Ridgway, Niagara Falls, N. Y., and E. van der Pyl, Holden, assignors to Norton Company, Worcester, Mass. High-pressure apparatus. 2,544,414, Mar. 6.
Bridwell, William H., Tulsa, Okla. Wire clothespin. 2,569,552, Oct. 2.
Brie, Reginald A. C., Twickenham, England. Rotary wing aircraft. 2,579,647, Dec. 25.
Bried, Edward A., Newport, assignor to Hercules Powder Company, Wilmington, Del. Stainless steel pickling bath solution. 2,564,749, Aug. 21.
Bried, J. A. assignee: *See*—
Toti, Andrew J., and Princevalle.
Briend, Paul, Aix-en-Provence, France, assignor to Societe Anonyme Societe Nationale de Constructions Aeronautiques du Sud-Est. Device for controlling the trailing edge camber flap of the wing of an aircraft. 2,563,453, Aug. 7.
Briercliffe, Aylmer V., Dugald, Manitoba, Canada. Bee feeder. 2,567,871, Sept. 11.
Brierley, Sam, Huddersfield, assignor to Aspinall Bros. (Huddersfield), Limited, Skipton, England. Double-ply leno fabric. 2,559,341, July 3.
Brierly, Ralph C.: *See*—
Bonvillian, Claude A., Brierly, and Letvin.
Brierly, Ralph C., Narberth, Pa. Fuel and air diffuser burner. 2,559,589, July 10.
Briese, Lester E., Galveston, Tex., assignor to Todd Shipyards Corporation, New York, N. Y. Scaling machine for cleaning the sides of a ship. 2,543,348, Feb. 27.
Briese, Lester E., Galveston, Tex., assignor to Todd Shipyards Corporation, New York, N. Y. Deck scaler. 2,553,435, May 15.
Briganti, Anthony H., Dorneyville, and C. E. Buchwald, Bethlehem, Pa., assignors to Western Electric Company, Incorporated, New York, N. Y. Eliminating contamination in vacuum tubes. 2,560,273, July 10.
Briggs, Allan L., assignor to Jamestown Metal Equipment Company, Inc., Jamestown, N. Y. Suspension for cabinet ironers. 2,543,485, Feb. 27.
Briggs, Allan L., assignor to Blackstone Corporation, Jamestown, N. Y. Water inlet structure for washing machines. 2,552,398, May 8.
Briggs, Allan L., Jamestown, and G. A. Oberg, Celoron, assignors to Jamestown Metal Equipment Company, Inc., Jamestown, N. Y. Wringer. 2,548,768, Apr. 10.
Briggs, Arthur S. and J. Haworth, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited. Rubber antioxidants. 2,559,932, July 10.
Briggs Filtration Company, The, assignee: *See*—
Bauer, Walter C.
Briggs, Southwick W., and Ewbank.
Briggs, George, London, England. Servo-mechanism and control means therefor. 2,545,223, Mar. 13.
Briggs, George, assignor to B. V. C. Electronics Developments Limited, London, England. Electronic amplifier for three-phase current impulses. 2,546,628, Mar. 27.
Briggs, George, London, England. High-frequency hair waver. 2,561,609, July 24.
Briggs, George C., Erie, Pa. Seat frame member for flexible seated chairs. 2,547,559, Apr. 3.
Briggs, Leslie A., Appleton, Minn. Truck tire mounting and demounting attachment for hydraulic lifts. 2,538,759, Jan. 23.
Briggs, Lyle E., Minneapolis, Minn. Music holder for guitars. 2,540,928, Feb. 6.
Briggs Manufacturing Company, assignee: *See*—
Doty, Clifford B.
Doty, Clifford B., and Vigmostad.
Lundberg, Everett E., and Vigmostad.
Lyijynen, Fred.
Vigmostad, Trygve.
Zummach, Karl G.
Briggs, Robert E., Los Angeles, Calif. Electrolytic water treating cell. 2,546,254, Mar. 27.
Briggs, Southwick W., Bethesda, Md. Filter cartridge. 2,548,584, Apr. 10.
Briggs, Southwick W., Washington, D. C. Support for filter element. 2,572,981, Oct. 30.
Briggs, Southwick W., Washington, D. C., and W. J. Ewbank; said Ewbank assignor to The Briggs Filtration Company, Bethesda, Md. By-pass filter. 2,575,995, Nov. 20.
Briggs, Stanley M.: *See*—
Driscoll, Frederick T., Smith, and Briggs.
Briggs, Stanley M., Pacific Palisades, F. T. Driscoll, Inglewood, and C. D. Smith, Santa Monica, Calif. Ball painting machine. 2,569,705, Oct. 2.
Briggs & Stratton Corporation, assignee: *See*—
Armstrong, Werner E.
Jacobi, Edward N.
Mack, Perry E.
Stuckert, Felix J.
Briggs, Thomas H., Jr., Norristown, assignor to Superior Tube Company, Philadelphia, Pa. Thermionic cathode construction. 2,551,871, May 8.
Briggs, William L., Chicago, Ill. Vehicle fender light. 2,543,226, Feb. 27.
Brigham, Harry S., Bakersfield, assignor to Western Gulf Oil Company, Los Angeles, Calif. Retrievable bridge plug. 2,568,944, Sept. 25.
Bright, Bernard K.: *See*—
Quinn, Martin F., and Bright.
Bright, Joseph C., Aberdeen, Md. Pipe coupling. 2,555,869, June 5.
Bright, Joseph L., La Mesa, assignor to Consolidated Vultee Aircraft Corporation, San Diego, Calif. Locking device for control surfaces on airplanes. 2,561,558, July 24.
Bright, Maxel L., Berkeley, assignor to Moore Business Forms, Inc., Emeryville, Calif. Autographic register. 2,577,447, Dec. 4.
Bright, Raymond G., El Paso, Tex. Automatically controlled water heater for coffee urns. 2,559,931, July 10.
Bright, Rinehart S., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Seal. 2,556,133, June 5.
Bright, Stanley, Jr.: *See*—
Troth, John S., and Bright.
Bright, Thomas J. R., Allesley, near Coventry, England. Weather strip. 2,555,780, June 5.
Bright, Thomas J. R., Millison Wood, near Allesley, Coventry, England. Weather strip. 2,554,452, May 22.
Brightly, Frederick C., Jr., Oak Park, Ill. Metal coating apparatus. 2,536,720, Jan. 2.
Brighton, Cyril A., Watford, and J. J. P. Staudinger, Ewell, England, assignors to The Distillers Company, Limited, Edinburg, Scotland. Polymerizing vinylidene compounds. 2,543,094, Feb. 27.
Briglia, Anton, assignor to M. Dolgov, doing business under the firm name of United Pipe Nipple Company, Brooklyn, N. Y. Automatic pipe-cutting machine. 2,580,279, Dec. 25.
Brill, Edward F., and O. W. Schroeder, Milwaukee, Wis. Defroster. 2,571,192, Oct. 16.
Brill, Edward F., and O. W. Schroeder, Milwaukee, Wis. Refrigerated display case. 2,574,242, Nov. 6.
Brill, Ruby L., New York, N. Y. Hat holder. 2,577,600, Dec. 4.
Brillhart, Adlai S., assignee: *See*—
Burton, Mark.
Brillhart, Samuel E., Lutherville, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Reel cover. 2,539,890, Jan. 30.
Brillhart, Samuel E., Lutherville, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Positioning a forming die with respect to a core tube. 2,546,629, Mar. 27.
Brillhart, Samuel E., Lutherville, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Apparatus for making coaxial cable units. 2,579,468, Dec. 25.
Brimm, Eugene O., Kenmore, and C. N. Smith, Snyder, N. Y., assignors, by mesne assignments, to Union Carbide and Carbon Corporation. Production of basic ammonium uranyl sulfate and uranium oxide. 2,536,347, Jan. 2.
Brimm, H. S., assignee: *See*—
Talbot, David B.
Brindle, Percival, Kirkby Stephen, England. Machine for molding concrete blocks. 2,546,883, Mar. 27.
Brinen, Howard F., and E. J. Kothera, assignors to Young Radiator Company, Racine, Wis. Tube beading tool. 2,542,305, Feb. 20.
Briney, Damond E., Natalia, Tex. Fishing rod with resilient pivotal butt end. 2,559,933, July 10.
Briney, Damond E., Natalia, Tex. Fishing rod with integral resilient means. 2,559,934, July 10.
Briney, Ottis R., Pontiac, Mich. Jig bushing retainer. 2,558,814, July 3.
Briney, Ottis R., Jr., Pontiac, Mich. Boring tool structure. 2,558,815, July 3.
Briney, Robert M., Douglaston, N. Y., assignor to Union Carbide and Carbon Corporation. Manufacture of chromium steels. 2,542,177, Feb. 20.
Brink, Carl B.: *See*—
Stoner, Arthur M., and Brink.
Brink, Harvey W., San Diego, Calif. Micrometer anvil. 2,557,073, June 19.
Brink, Mary E., Grand Island, Nebr. Diaper. 2,545,761, Mar. 20.
Brink, Norman G., Princeton, and K. Folkers, Plainfield, assignors to Merck & Co., Inc., Rahway, N. J. Preparing isomers of methyl pentaacetyldihydrostreptobiosaminide. 2,540,243, Feb. 6.
Brink, Robert M., Pelham, assignor to Deering Milliken Research Trust, New York, N. Y. Variation detection. 2,563,814, Aug. 14.
Brink, Robert M., Pelham, assignor to Deering Milliken Research Trust, New York, N. Y. Monitor for filamentary material. 2,572,837, Oct. 30.
Brink, Winfield S., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Truck rim design. 2,537,624, Jan. 9.
Brinker, Emil M.: *See*—
Jack, William R., and Brinker.
Jack, William R., Cahill, and Brinker.
Brinker, Howard C., South St. Paul, assignor to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Plasticized polyvinyl acetate emulsion. 2,577,734, Dec. 11.
Brinker, John H., assignor to The Globe-Wernicke Co., Norwood, Ohio. Making plastic desk tops. 2,556,060, June 5.

Brinkhurst, William A., Vancouver, British Columbia Canada. Screw feed. 2,556,572, June 12.
Brinkley, Glenn A., Youngstown, Ohio. Knife sharpener. 2,542,472, Feb. 20.
Brinkley, Glenn A., Youngstown, Ohio. Knife sharpener. 2,559,273, July 3.
Brinkley, Jack R., Elk Grove, Calif. Harvester for ladino clover seed. 2,565,800, Aug. 28.
Brinkley, James R., Elk Grove, Calif. Multiple-pivoted-jaw pipe wrench with interchangeable object-embracing bushings. 2,550,963, May 1.
Brinkley, John R., London, England. Radio communication system. 2,545,511, Mar. 20.
Brinkman, Earl W., Gates, assignor to Davenport Machine Tool Co., Inc., Rochester, N. Y. Indexing mechanism for machine tools. 2,572,909, Oct. 30.
Brinnick, Frederic E. *See*—
Frost, Frederick H., and Brinnick.
Brinsfield, Alfred G.: *See*—
Pistoles, Lambert R., and Brinsfield.
Brinson, Merrill, Muncie, assignor to Climax Machinery Company, Indianapolis, Ind. Rotary hoe wheel. 2,551,313, May 1.
Brinson, Thomas F., assignor to Scripto, Inc., Atlanta, Ga. Fountain pen. 2,557,409, June 19.
Brinton, Cecil C., assignor of one-half to Brintons Limited, Worcester, England. Gripper mechanism for Axminister-carpet and other tufted-fabric looms. 2,539,180, Jan. 23.
Brinton, Willard C., New York, N. Y. Parking system. 2,558,927, July 3.
Brintons Limited, assignee: *See*—
Brinton, Cecil C.
Brion, Benjamin W., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Control apparatus. 2,548,939, Apr. 17.
Briscoe, Carl I., San Antonio, Tex. Inflatable bathing suit. 2,571,532, Oct. 16.
Briscoe, Earnest H., assignor, by mesne assignments, to Briscoe Manufacturing Company, Columbus, Ohio. Acid-resistant electrical immersion heater. 2,566,921, Sept. 4.
Briscoe, Earnest H., Columbus, G. A. Stone, Gahanna, and L. C. Tarlton, Reynoldsburg, assignors, by mesne assignments, to Briscoe Manufacturing Company, Columbus, Ohio. Electrical heating jacket for laboratory apparatus. 2,572,695, Oct. 23.
Briscoe, Eric M.: *See*—
Whitney, Willis B., Briscoe, and Hudson.
Briscoe, James M.: *See*—
Green, David F., Mallet, and Briscoe.
Briscoe Manufacturing Company, assignee: *See*—
Briscoe, Earnest H.
Briscoe, Earnest H., Stone, and Tarlton.
Briscoe, William F. R., and R. B. Plummer, Detroit, Mich., assignors to United States Rubber Company, New York, N. Y. Treating tires. 2,546,085, Mar. 20.
Briscoe, William F. R., and V. H. Berry, Detroit, Mich., assignors to United States Rubber Company, New York, N. Y. Liquid cooled-radiant heat treatment of tire treads. 2,565,063, Aug. 21.
Briscomb, David W.: *See*—
Marks, Leonard V., and Briscomb.
Briskin, Jack, assignor to Revere Camera Company, Chicago, Ill. Film driving mechanism for optical compensating motion-picture apparatus. 2,554,892, May 29.
Briskin, Jack, and C. Peto, assignors to Revere Camera Company, Chicago, Ill. Film stabilizer for sound motion-picture projectors. 2,568,539, Sept. 18.
Briskin, Theodore S., assignor to Excel Auto Radiator Company, Chicago, Ill. Portable power saw. 2,543,486, Feb. 27.
Briskman, Samuel, assignee: *See*—
De Angelis, Arthur J., and See.
See, Francis W.
Sherr, Sava I.
Bristol Aeroplane Company Limited, The, assignee: *See*—
D'Assis-Fonseca, Evelyn C. M.
Fortescue, Peter.
Marchant, Francis C. I., and Morgan.
Markham, Basil G., and Kenney.
Owner, Frank M., and Marchant.
Bristol, Carlton W., Naugatuck, assignor to The Bristol Company, Waterbury, Conn. Electric temperature control apparatus. 2,560,788, July 17.
Bristol Company, The, assignee: *See*—
Blakeslee, Clinton A.
Bristol, Carlton W.
Faust, Frederick A.
Hicks, James R.
Peckham, Joseph W.
Russell, John L.
Stewart, James N.
Wetherbee, Charles F.
Bristol, Cyrus J., Des Moines, Iowa, assignor to The Wayne Pump Company, Fort Wayne, Ind. Safety device for hoists or lifts. 2,550,764, May 1.
Bristol Laboratories Inc., assignee: *See*—
Buckwalter, Frank H.
Cheney, Lee C.
Cooper, Douglas E.
Friden, John H.
Bristol Laboratories Inc., assignee: *See*—Continued.
Granatek, Alphonse P.
Kaplan, Murray A.
Mattocks, Albert M.
Bristol, Margaret, New York, N. Y. Tally device. 2,555,781, June 5.
Bristol-Myers Company, assignee: *See*—
Dieter, Julian A.
Bristol, Raymond M., assignor to A. Shemet, New York, N. Y. Resilient spring device. 2,566,691, Sept. 4.
Bristol Steel & Iron Works, Inc., assignee: *See*—
Ferguson, Robert O.
Bristow, Fred C.: *See*—
Hutchinson, Leonard, Bristow, and Binks.
Bristow, Guy: *See*—
Halford, Frank B., and Bristow.
Bristow, Paul W., assignor to Scott & Williams, Incorporated, Laconia, N. H. Knitting machine. 2,555,870, June 5.
Bristow, Paul W., assignor to Scott & Williams, Incorporated, Laconia, N. H. Knitting machine. 2,569,706, Oct. 2.
British Aluminum Company Limited, The, assignee: *See*—
Coates, Arnold C., and Saunders.
British Artificial Resin Company, Limited, assignee: *See*—
Shrimpton, William J.
British Cast Iron Research Association, assignee: *See*—
Morrogh, Henton.
British Celanese Limited, assignee: *See*—
Sowter, Percy F. C., and Hill.
British Electrical and Allied Industries Research Association, The, assignee: *See*—
Whitney, Willis B., Briscoe, and Hudson.
British Heat Resisting Glass Company, Limited, The, assignee: *See*—
Brown, Arthur S.
British Industrial Solvents Limited, assignee: *See*—
Pemberton, Edgar S.
British Insulated Callender's Cables Limited, assignee: *See*—
Richardson, Arthur B. F. G., Tunnicliff, and Fisher.
Taylor, Jack, Osborne, and Tunnicliff.
British Mechanical Productions Limited, assignee: *See*—
Deakin, Stanley T.
British Oxygen Company Limited, The, assignee: *See*—
Roberts, Neville W.
Schuftan, Paul M.
British Resin Products Limited, assignee: *See*—
Deutsch, Franz S., and Weldon.
Evans, Edward M., and Hookway.
British Schering Research Laboratories Limited, assignee: *See*—
Davies, John S. H., and Hook.
British Telecommunications Research Limited, assignee: *See*—
Bell, David A.
Bellairs, Guy F., and Ireland.
British Tube Mills (Australia) Proprietary Limited, assignee: *See*—
Holmes, Leslie, Burnard, and Higgs.
British Vibralux Limited, The, assignee: *See*—
Aldrich, William S. and E. C.
Britt, Bryant L., Maplewood, assignor to Wagner Electric Corporation, St. Louis, Mo. Portable dynamometer brake. 2,563,153, Aug. 7.
Britt, Mangum T., Clinton, N. C. Tobacco curing apparatus. 2,540,929, Feb. 6.
Britten, Edwin F., Jr., Short Hills, assignor to Monroe Calculating Machine Company, Orange, N. J. Multiplier magazine. 2,538,896, Jan. 23.
Britten, Edwin F., Jr., Short Hills, assignor to Monroe Calculating Machine Company, Orange, N. J. Function control mechanism. 2,546,884, Mar. 27.
Britton, Charles S., New York, N. Y. Detachable spout having means to form dispensing openings in containers. 2,561,903, July 24.
Britton, Dempsey C., Cold Spring, Ky. Combination housing and boat carrying trailer. 2,543,349, Feb. 27.
Britton, Edgar C.: *See*—
Kauer, Kenneth C., Alquist, and Britton.
Livak, John E., and Britton.
Britton, Edgar C., and J. C. Vander Weele, Midland, Mich., and J. E. Livak, Union, S. C., assignors to The Dow Chemical Company, Midland, Mich. Halogenated derivatives of aliphatic acids and making same. 2,557,779, June 19.
Britton, Edgar C., Y. J. Dickert, and H. C. White, assignors to The Dow Chemical Company, Midland, Mich. 5-(2-tetrahydrofuryl)hydantoin and production therefrom of 5-(4-hydroxybutyl)hydantoin. 2,557,904, June 19.
Britton, Edgar C., and W. J. Le Fevre, assignors to The Dow Chemical Company, Midland, Mich. Thermostable polymeric vinylidene chloride composition. 2,558,728, July 3.
Britton, Edgar C., and L. E. Begin, assignors to The Dow Chemical Company, Midland, Mich. Esters of 2,4,5-trichlorophenoxyacetic acid. 2,562,855, July 31.
Britton, Edgar C., and H. R. Slagh, asignors to The Dow Chemical Company, Midland, Mich. Aryl esters of 4-clorobenzene sulfonic acid. 2,567,008, Sept. 4.

Britton, Edgar C., and H. R. Slagh, assignors to The Dow Chemical Company, Midland, Mich. 4 methoxyphenyl ester of 4-chlorobenzene sulfonic acid. 2,567,839, Sept. 11.

Britton, Edgar C., and H. C. White, assignors to The Dow Chemical Company, Midland, Mich. Preparing heat-hardenable organopolysiloxane resins. 2,571,533, Oct. 16.

Britton, Edgar C., and J. D. Head, assignors to The Dow Chemical Company, Midland, Mich. Production of 3-fluorosalicylaldehyde. 2,576,064, Nov. 20.

Britton, Edgar C., and J. D. Head, assignors to The Dow Chemical Company, Midland, Mich. Preparation of 3-fluorosalicylaldehyde. 2,576,065, Nov. 20.

Britton, Edgar C., Midland, Mich., and J. N. Hansen, Albert Lea, Minn., assignors to The Dow Chemical Company, Midland, Mich. Quaternary pyridinium halides. 2,578,668, Dec. 18.

Britton, Howard L., York, Pa. Soap holder. 2,568,714, Sept. 25.

Britton, Karl B., Bratenahl, assignor to Thompson Products, Inc., Cleveland, Ohio. Manual control for automatic valves. 2,550,906, May 1.

Britton, Karl B., Bratenahl, Ohio, assignor to Thompson Products, Inc. Fluid control system. 2,566,873, Sept. 4.

Britton, Sylvester C., and R. M. Schirmer, Bartlesville, Okla., assignors to Phillips Petroleum Company. Coating of pulse-jet valve elements. 2,563,305, Aug. 7.

Brno Arms Factory, National Corporation, assignee: *See*—
Heyrovský, Jaroslav.

Broadahl, Trygve, Storjordet, Honefoss, Norway. Stove for steam bathrooms. 2,565,676, Aug. 28.

Broadbent, Frank, assignor to Thomas Broadbent & Sons, Limited, Huddersfield, England. Hydroextractor. 2,548,515, Apr. 10.

Broadbent, John H., Willistown Township, Chester County, assignor to The Union Switch and Signal Company, Swissvale, Pa. Control of electric locks for railway track switch operating levers. 2,567,050, Sept. 4.

Broadbent-Johnston, Inc., assignee: *See*—
Lewis, Howard B., and Larson.

Broadbent, Thomas & Sons, Limited, assignee: *See*—
Broadbent, Frank.

Broadston, James A., Los Angeles, Calif., assignor to North American Aviation, Inc. Bore sighting apparatus. 2,548,700, Apr. 10.

Broadwell, Herbert S., Collingswood, and R. H. Peterson, Camden, N. J., assignors to Radio Corporation of America. Voltage measuring device utilizing pulse time modulation. 2,565,839, Aug. 28.

Broberg, Walter O. W.: *See*—
Vigren, Sten D., Broberg, and Thielers.

Broce, Leon E., Arcadia, assignor to Hurum E. Reeve Company, Los Angeles, Calif. Display case. 2,545,255, Mar. 13.

Broch, Frederick J., Cambridge, Mass. Electrical snap switch. 2,540,421, Feb. 6.

Brock, Charles R., assignor of 25 per cent to S. F. Dolgin, Fairbury, Ill. V-shaped expansible harrow. 2,559,002, July 3.

Brock, Harold L.: *See*—
Roeder, Dale, and Brock.

Brock, Henry Y., Jr., assignor to The Baltimore Salesbook Company, Baltimore, Md. Sales blank. 2,546,584, Mar. 27.

Brock, Lynmar, Philadelphia, Pa. Electric oven. 2,552,143, May 8.

Brock, Lynmar, Philadelphia, Pa. Oven door construction. 2,570,517, Oct. 9.

Brock, Margaret M., Middle Village, N. Y. Garment hanger. 2,547,436, Apr. 3.

Brock, Myron R., College Park, Md. Sprinkler. 2,573,687, Nov. 6.

Brock, Phineas A., Windsor, N. C. Cap for collapsible tubes. 2,542,987, Feb. 27.

Brockhouse, J., & Company, Limited, assignee: *See*—
Dear, Alexander T. C.
Trevena, Arthur.

Brocklehurst-Whiston Amalgamated Limited, assignee: *See*—
Swindells, Edwin.

Brockman, Emory W., Hartsville, and W. L. Parsons, Sr., assignors, by mesne assignments, to Reconstruction Finance Corporation, Philadelphia, Pa. Exercising machine. 2,565,348, Aug. 21.

Brockman, Frank G., Dobbs Ferry, assignor to Phillips Laboratories, Inc., Irvington-on-Hudson, N. Y. Photoflash lamp. 2,560,924, July 17.

Brockman, Frank G., Dobbs Ferry, assignor to Philips Laboratories, Inc., Irvington-on-Hudson, N. Y. Frequency measuring device. 2,576,900, Nov. 27.

Brockman, Frank G., Dobbs Ferry, N. Y., and O. Centofanti, Paulsboro, N. J., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Particle form solid level indicator. 2,541,743, Feb. 13.

Brockway, Charles E., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Preparation of succinonitrile. 2,547,686, Apr. 3.

Brockway Company, The, assignee: *See*—
Richardson, James C.

Brockway Glass Co., Inc., assignee: *See*—
Poole, James P.

Brockway Motor Company, Inc., The, assignee: *See*—
Cross, Lester L.

Brockway, Wilhelm W., Los Angeles, Calif. Plate push button. 2,546,086, Mar. 20.

Brockway, Wilhelm W., Los Angeles, Calif. Impulse relay. 2,547,998, Apr. 10.

Brockway, Wilhelm W., Los Angeles, Calif. Relay mounting. 2,547,999, Apr. 10.

Brodal, Erling, and H. Guldav, assignors to Aktieselskapet Norsk Aluminium Company, Oslo, Norway. Manufacture of alkali metal aluminum fluoride. 2,547,901, Apr. 3.

Brodal, Erling, and H. Guldhav, Hoyanger, assignors to Aktieselskapet Norsk Aluminum Company, Lokkeveien, Norway. Manufacture of sodium aluminum fluoride. 2,567,544, Sept. 11.

Brodbeck, Almer H., assignor to American Stove Company, St. Louis, Mo. Range. 2,557,496, June 19.

Brodbeck, John E., and L. J. Kading, Compton, Calif. Sprinkler. 2,573,786, Nov. 6.

Brode, George E., Newark, N. J., assignor to Federal Telephone and Radio Corporation, New York, N. Y. Time-delay relay circuits. 2,566,309, Sept. 4.

Brode, Wallace R., and R. J. Morris, assignors to Ohio State University Research Foundation, Columbus, Ohio. Light filter. 2,579,543, Dec. 25.

Broden, Edwin N.: *See*—
Armitage, Frank L., and Broden.

Broden, John G. M., assignor to Kockums Mekaniska Verkstads Aktiebolog, Malmo, Sweden. Vibrator. 2,579,784, Dec. 25.

Broderick, Ellen, executrix: *See*—
Broderick, Frederick C.

Broderick, Frank A., Houston, Tex. Tussle mitten. 2,574,086, Nov. 6.

Broderick, Frederick C., deceased, Glencoe, Ill.; E. Broderick, executrix of said F. C. Broderick. Heating system. 2,557,368, June 19.

Broderick, Frederick C., deceased, Glencoe, Ill.; E. Broderick, executrix of said F. C. Broderick. Heating system. 2,557,369, June 19.

Broderick, John J., assignor to American Bosch Corporation, Springfield, Mass. Combined ignition timer and fuel injection unit. 2,542,389, Feb. 20.

Broderick, William F., Vancouver, British Columbia, Canada. Lawn edger. 2,564,148, Aug. 14.

Broderson, Neil O., assignor to Rochester Button Company, Rochester, N. Y. Molding plastic articles. 2,571,193, Oct. 16.

Brodhead, John R., Plano, Tex. Steering gear. 2,542,388, Feb. 20.

Brodie, James H., Henderson, N. C. Liquid manure spreader. 2,573,179, Oct. 30.

Brodie, Ralph N., Company, assignee: *See*—
Berck, William F.

Brodin, Eric C., Jenkintown, assignor to SKF Industries, Inc., Philadelphia, Pa. Tool feeding device. 2,553,699, May 22.

Brody, David, assignor to Van Brode Milling Co., Inc., Clinton, Mass. Moth-repellent cake and a container therefor. 2,547,687, Apr. 3.

Brody, David, assignor to Van Brode Milling Co., Inc., Clinton, Mass. Moth-repellent cake and a container therefor. 2,547,688, Apr. 3.

Brody, Martin H.: *See*—
Brody, Ralph M. and M. H.

Brody, Ralph M. and M. H., Dorchester, Mass. Comb cleaner. 2,557,410, June 19.

Brody, Rubie, New York, N. Y. Thumb guard. 2,543,521, Feb. 27.

Brody, Samuel C., Cambridge, Mass. Blowtorch. 2,544,217, Mar. 6.

Brodzinsky, Jacob, Buffalo, N. Y. Cup-shaped valve closure for combustion chambers. 2,547,560, Apr. 3.

Broeker, Edward E., North Tonawanda, N. Y. Scissor-type bumper jack. 2,546,425, Mar. 27.

Broekhuizen, Dina A., executrix: *See*—
Lubberhuizen, Jan W.

Broekhuysen, William C., Garden City, N. Y., assignor to American Machine and Foundry Company. Bowling pin setting machine. 2,559,274, July 3.

Brogden, Jack: *See*—
Edwardh, Ross, and Brogden.

Brogdex Company, assignee: *See*—
Huntoon, Maurice, and Johnston.

Brogren, Axel V., assignor, by mesne assignments, to Parsons Corporation, Detroit, Mich. Apparatus for tube bending. 2,565,717, Aug. 28.

Brogren, Erik R.: *See*—
Parsons, John T., and Brogren.

Broïda, Victor, assignor of one-third to Organisation et Securite du Travail, Paris, France. Relay system with pressure-responsive electric operated follow-up means. 2,541,199, Feb. 13.

Brokaw, Charles A., Dallas, and W. G. James, Houston, Tex., assignors to Eastman Oil Well Survey Company, Denver, Colo. Apparatus for orienting tools in well bores. 2,544,979, Mar. 13.

Brokaw, Ralph M., and D. A. Getz, Toledo, Ohio. Indicator. 2,537,508, Jan. 9.

Bromberg, Eleazer, New York, N. Y., and L. I. Freedman, Ridgefield, N. J., assignors to Reeves Instrument Corporation, New York, N. Y. Functional potentiometer. 2,554,811, May 29.
Bromberg, Robert: *See*—
Gier, Joseph T., Boelter, Bromberg, and Dempster.
Bronander, Wilhelm B., Montclair, N. J. Apparatus for calking fins. 2,561,174, July 17.
Broneer, Oscar T., New York, N. Y. Removable dauber and polish supply for shoe polishing brushes. 2,552,708, May 15.
Bronk, Leland D., Battle Creek, assignor to Clark Equipment Company, Buchanan, Mich. Cylinder construction. 2,561,492, July 24.
Bronk, Lester B.: *See*—
Balis, Earl W., and Bronk.
Bronn, Oliver J.: *See*—
Batchelder, George W., and Bronn.
Bronson, Winthrop F.: *See*—
Harnack, Vernon L., and Bronson.
Bronstein, Albert, Brooklyn, N. Y. Self-burnishing contact point. 2,572,105, Oct. 23.
Bronstein, Benjamin B., Shaker Heights, Ohio. Leg lock construction for metal tables. 2,573,304, Oct. 30.
Bronstein, Benjamin B., Shaker Heights, Ohio. Leg lock construction means for metal tables. 2,573,305, Oct. 30.
Brook, Kenneth: *See*—
Holt, George A., and Brook.
Brook, Kenneth, Eastcote, and F. M. Evans, assignors to C. A. V. Limited, London, England. Fuel injection pump for internal-combustion engines. 2,548,342, Apr. 10.
Brook, Victor, Rochester, N. Y. Tapping machine. 2,560,081, July 10.
Brooke, Albert, and W. M. Naumann, Staten Island, N. Y. Dispensing spout. 2,554,007, May 22.
Brooke, Arthur O., Santa Cruz, Calif., assignor to General Motors Corporation, Detroit, Mich. Device for conveying and filling tires. 2,539,055, Jan. 23.
Brooke, Lloyd F.: *See*—
Kemp, Jacob D., and Brooke.
Brooke, Lloyd F., Berkeley, J. B. Cull, Martinez, and B. E. Berlenbach, assignors to California Research Corporation, San Francisco, Calif. Thermal defluorination of alkylated aromatic hydrocarbon mixtures. 2,556,644, June 12.
Brooke, Norman E., Washington, D. C. Garment hanger. 2,547,561, Apr. 3.
Brooke Tool Manufacturing Company, Limited, assignee: *See*—
Sharp, Bertie.
Brooker, Erwin, Shaker Heights, Ohio. Bagel clamp. 2,553,700, May 22.
Brooker, Leslie G. S.: *See*—
Dent, Samuel G., Jr., and Brooker.
Heseltine, Donald W., and Brooker.
Keyes, Grafton H., and Brooker.
Keyes, Grafton H., Herz, and Brooker.
Sprague, Robert H., and Brooker.
Van Lare, Earl, and Brooker.
Van Lare, Earl J., and Brooker.
Brooker, Leslie G. S., assignor to Eastman Kodak Company, Rochester, N. Y. N, N'-diarylthiazolinocarbocyanine dyes. 2,552,252, May 8.
Brooker, Leslie G. S., and F. L. White, assignors to Eastman Kodak Company, Rochester, N. Y. N-arylthiazolo monomethine cyanine dyes. 2,537,876, Jan. 9.
Brooker, Leslie G. S., and R. H. Sprague, assignors to Eastman Kodak Company, Rochester, N. Y. N,n'-alkylenecyanine dyes. 2,541,400, Feb. 13.
Brooker, Leslie G. S., and F. L. White, assignors to Eastman Kodak Company, Rochester, N. Y. Methine dyes containing a 3-aryl-4-thiazolidone nucleus. 2,556,515, June 12.
Brooker, Leslie G. S., and F. L. White, assignors to Eastman Kodak Company, Rochester, N. Y. 2-acylated arylamino-2-thioethylidene derivatives of heterocyclic nitrogen bases. 2,556,516, June 12.
Brookes, Alfred, and F. L. Hudson, London, England, assignors, by mesne assignments to America Cyanamid Company, New York, N. Y. Urea-formaldehyde-sulphoxylate resin for high wet-strength paper. 2,556,898, June 12.
Brookes, Norman, Bakersfield, assignor to McCullough Tool Company, Los Angeles, Calif. Device for determining point at which pipe is struck in a well. 2,550,964, May 1.
Brookes, Samuel, Sedgley, near Dudley, assignor to W. Levison, and H. W. Littleales, London, England. Secateur. 2,567,051, Sept. 4.
Brookey, Andrew C., San Antonio, Tex. Nutcracker. 2,543,886, Mar. 6.
Brookhyser, Dudley J., Long Beach, Calif. Detachable telescope sight mount. 2,539,008, Jan. 23.
Brooks Bank Note Company, assignee: *See*—
Lambert, Russell A.
Brooks, Dexter M., Plymouth, Mass. Gas pressure regulator. 2,573,180, Oct. 30.
Brooks, Eugene H., Dallas, Tex., assignor to Continental Gin Company. Apparatus for opening and cleaning lint cotton. 2,576,280, Nov. 27.
Brooks, Frank E.: *See*—
Bohannon, Richard O., Moore, and Brooks.
Brooks, Harold, New York, N. Y. Pencil with automatic feed mechanism. 2,539,116, Jan. 23.
Brooks, Herbert, Middleboro, Mass. Lead-in terminal unit for rotary directional antennae. 2,557,074, June 19.
Brooks, James W., Knoxville, Tenn. Window alarm. 2,571,534, Oct. 16.
Brooks, John A., Chicago, Ill., J. H. Krause, T. B. Tom, and N. Fragen, Hammond, Ind., assignors to Standard Oil Company, Chicago, Ill. Separating mercaptans. 2,556,614, June 12.
Brooks, John W., Wenonah, N. J., assignor to Socony-Vacuum Oil Company, Incorporated. Thienylthiolesters in lubricating compositions. 2,540,093, Feb. 6.
Brooks, John W., Wenonah, N. J., assignor to Socony-Vacuum Oil Company, Incorporated. Mineral oil compositions containing thienylthioalcohols. 2,561,780, July 24.
Brooks, John W., Wenonah, N. J., assignor to Socony-Vacuum Oil Company, Incorporated. Thiophenethiols-phosphorus halide reaction products in lubricating compositions. 2,571,332, Oct. 16.
Brooks, John W., Wenonah, N. J., assignor to Socony-Vacuum Oil Company, Incorporated. Thiophenethiols-phosphorus halide reaction products. 2,571,333, Oct. 16.
Brooks, John W., Wenonah, and A. N. Sachanen, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated. 3-thienyl sulfides. 2,544,294, Mar. 6.
Brooks, John W., Wenonah, and S. J. Lukasiewicz, Woodbury, N. J., assignor to Socony-Vacuum Oil Company, Incorporated. 3-thienyl thioethers. 2,577,566, Dec. 4.
Brooks, Lester A., East Norwalk, Conn., assignor to R. T. Vanderbilt Company, Inc., New York, N. Y. Cetyldimethylbenzyl ammonium 2-(5-chlorobenzothiazyl)-sulfide. 2,557,172, June 19.
Brooks, Lester A., Norwalk, Conn., assignor to R. T. Vanderbilt Company, Inc., New York, N. Y. Lauryl pyridinium 2-(5-chlorobenzothiazyl)-sulfide. 2,555,024, May 29.
Brooks, Lewis C., assignor of one-third to I. M. Jones, Milwaukee, Wis. Container. 2,577,304, Dec. 4.
Brooks, Lewis C., assignor of one-third to I. M. Jones, Milwaukee, Wis. Consumer type container. 2,577,305, Dec. 4.
Brooks, Linzy W., assignor to On-A-Lite Corporation, Portland, Oreg. Decorative lighting fixture. 2,559,706, July 10.
Brooks, Oakley, assignee: *See*—
Pinkerman, Allen H.
Brooks, Oakley, Columbus, Ohio. Fishing rod holder. 2,561,046, July 17.
Brooks, Philip A., Westwood, Mass. Circular knitting machine. 2,561,491, July 24.
Brooks, Ralph C.: *See*—
Stevens, Roy R., and Brooks.
Brooks, Richard E.: *See*—
Gresham, William F., and Brooks.
Gresham, William F., Brooks, and Bruner.
Brooks, Richard E., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of alcohols. 2,549,416, Apr. 17.
Brooks, Richard E., and I. D. Webb, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Synthesis of acyl halides. 2,580,070, Dec. 25.
Brooks, Thomas E., assignor to Lisle Corporation, Clarinda, Iowa. Cylinder sleeve extracting bar. 2,562,412, July 31.
Brooks, Thomas E., assignor to Lisle Corporation, Clarinda, Iowa. Drill grinder. 2,564,050, Aug. 14.
Brooks, Val M., Okoboji, Iowa. Tee holder attachment for golf bags. 2,564,955, Aug. 21.
Brooks, Wesley W., Fort Wayne, Ind., assignor to General Electric Company. Magnetic core. 2,562,693, July 31.
Brooks, Wesley W., Fort Wayne, Ind., assignor to General Electric Company. Electrical ballast. 2,578,395, Dec. 11.
Broomell, George L., Jr., Lower Gwynedd Township, Montgomery County, assignor to Leeds and Northrup Company, Philadelphia, Pa. Consecutive ratio recorder. 2,577,735, Dec. 11.
Brooner, George M., Bartlesville, Okla., assignor to Phillips Petroleum Company. Treatment of hydrocarbon oils. 2,539,808, Jan. 30.
Broos, Henricus A., Eindhoven, Netherlands, assignor to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Circuit-arrangement for tone control in a low-frequency amplifier. 2,547,739, Apr. 3.
Broos, Henricus A., Eindhoven, Netherlands, assignor to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Contrast expansion circuit arrangement. 2,547,740, Apr. 3.
Broos, Henricus A., Eindhoven, Netherlands, assignor to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Phase inverter circuit. 2,561,047, July 17.
Broos, Henricus A., Eindhoven, Netherlands, assignor to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Low-frequency amplifying arrangement. 2,569,973, Oct. 2.
Brophy, Gerald R.: *See*—
Talbot, Albert M., Furman, Brophy, and Pilling.

Brophy, John J., Salem, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Stiffening uppers of shoes. 2,539,608, Jan. 30.

Brophy, John J., Salem, B. M. Pineles, and R. C. Putnam, Marblehead, Mass., assignors to United Shoe Machinery Corporation, Flemington, N. J. Rust preventive film. 2,549,050, Apr. 17.

Brophy, Joseph J., Newington, Conn. Thread joint for tubular members. 2,552,768, May 15.

Broquinda Corporation, The, assignee: *See*—
Martin, James W.

Brosamer, Jacob V., Lincoln, Ill. Stock waterer. 2,540,507, Feb. 6.

Brosamer, Jacob V., Lincoln, Ill. Bale elevator. 2,563,514, Aug. 7.

Broscomb, Dennis G., assignor to G. K. N. Group Services Limited, Smethwick, England. Ejector mechanism for heading and like machines. 2,547,304, Apr. 3.

Brosemer, Louis C., Sacramento, Calif. Tile cutting machine. 2,560,843, July 17.

Brosene, William G., Jr., and H. J. Kersten, Cincinnati, Ohio, assignors to American Cyanamid Company, New York, N. Y. Blood pressure measuring device. 2,540,163, Feb. 6.

Brosene, William G., Jr., Cincinnati, Ohio, and F. B. Ablondi, Pearl River, assignors to American Cyanamid Company, New York, N. Y. Animal holder. 2,540,650, Feb. 6.

Brosick, John D., Fayette City, Pa. Automobile wheel. 2,553,891, May 22.

Brosius, Edgar E., Pittsburgh, Pa., assignor to Salem-Brosius, Inc. Soaking pit cover carriage. 2,555,953, June 5.

Bross, Michael, Jackson, Miss. Garment checking and supporting master hanger. 2,543,350, Feb. 27.

Brosseau, John B.: *See*—
Brosseau, Joseph E. and J. B.

Brosseau, Joseph E., assignor to J. B. Brosseau, Oak Park, Ill., and C. E. Hoover, as trustees. Timing device. 2,564,321, Aug. 14.

Brosseau, Joseph E. and J. B., Oak Park, assignors to C. E. Hoover, Wayne, and J. B. Brosseau, Oak Park, Ill., as trustees. Timing device. 2,564,322, Aug. 14.

Brosseit, Mary A., Chicago, Ill. Toy for blowing smoke-filled bubbles. 2,566,296, Sept. 4.

Brotheridge, John: *See*—
Prince, Earl S., and Brotheridge.

Brothers, Abe R., Brooklyn, N. Y. Necktie rack. 2,546,720, Mar. 27.

Brothers, William B., assignor of one-third to C. A. Ladig, and one-third to J. W. Stuteville, Miami, Fla. Mechanical unit for adjustable louvers. 2,545,874, Mar. 20.

Brothman, A., and Associates, assignee: *See*—
Brothman, Abraham.
Brothman, Abraham, Gold, and Levine.

Brothman, Abraham, assignor of one-half to A. Brothman and Associates, Long Island City, N. Y., and one-half to Process Plants Division of Industrial Process Engineers, Newark, N. J. Manufacture of methacrylic acid esters from acetone cyanhydrin. 2,571,194, Oct. 16.

Brothman, Abraham, Long Island City, N. Y., H. Gold, Philadelphia, Pa., and P. Levine, Boston, Mass., assignors to A. Brothman and Associates, Long Island City, N. Y. Manufacture of acetylenic alcohols and acetylenic gamma-glycols. 2,536,028, Jan. 2.

Brotman, Hyman D., Detroit, Mich., assignor, by mesne assignments, to Horton Manufacturing Company, Fort Wayne, Ind. Drive unit for automatic washing machines. 2,548,940, Apr. 17.

Brotman, Hyman D., Detroit, Mich, assignor, by mesne assignments, to Horton Manufacturing Company, Fort Wayne, Ind. Closure for washing machine cylinders. 2,578,125, Dec. 11.

Broude, David, assignee: *See*—
Di Giannantonio, Edmond P.

Brouer, Orville A., Western Springs, assignor to Swift & Company, Chicago, Ill. Refrigerator truck safety device. 2,575,939, Nov. 20.

Brougher, Clate: *See*—
Lanning, Roy, and Brougher.

Broughton, Cyril L., Washington, D. C. Musical chord indicating machine. 2,548,000, Apr. 10.

Broughton, Douglas J., assignor to Buxton, Incorporated, Springfield, Mass. Pass case construction having removable envelopes. 2,540,422, Feb. 6.

Broughton, Douglas J., assignor to Buxton, Incorporated, Springfield, Mass. End section construction for billfolds. 2,552,932, May 15.

Broughton, Douglas J., assignor to Buxton, Incorporated, Springfield, Mass. Making flexible pocket receptacles. 2,577,674, Dec. 4.

Broughton, William W., Staten Island, assignor to Western Electric Company, Incorporated, New York, N. Y. Conditioning rotatable grinding wheels. 2,541,912, Feb. 13.

Brouillard, Robert E., Bound Brook, and V. A. Glambalvo, Somerville, N. J., assignors to American Cyanamid Company, New York, N. Y. Treatment of phthalocyanine pigments. 2,540,775, Feb. 6.

Broun, Olney: *See*—
Bain, Fillmore F., and Brown.

Broussard, Garfford J., Beaumont, Tex. Apparatus for straightening teeth. 2,558,475, June 26.

Broussard, Gaston L., Le Perreux, France. Nozzle for producing an intermittent jet of gas or liquid. 2,556,517, June 12.

Broussard, William W., New Orleans, La. Gas removing device. 2,556,899, June 12.

Brouwer, Albert J., Hilversum, Netherlands, assignor to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Electric circuit. 2,561,048, July 17.

Brouwer, Benjamin W.: *See*—
Bergstrom, Carl P., and Brouwer.

Brouwer, Benjamin W., Auburn, and J. T. Kennedy, assignors to Crompton & Knowles Loom Works, Worcester, Mass. Thread remover for weft replenishing looms. 2,564,149, Aug. 14.

Brow, Ernest O., Anderson, Ind. Lantern and reflector support with universally adjustable base. 2,559,003, July 3.

Browder, Jay E.: *See*—
Young, Victor J., and Browder.

Browder, Jay E., Garden City, N. Y., assignor to The Sperry Corporation. Direction finder. 2,544,653, Mar. 13.

Browder, John G., Houston, Tex., assignor, by mesne assignments, to Standard Oil Development Company, Elizabeth, N. J. Treating petroleum distillates. 2,552,399, May 8.

Browder, John G., Houston, and A. R. Smith, Baytown, Tex., assignors, by mesne assignments, to Standard Oil Development Company, Elizabeth, N. J. Treating sour petroleum distillates. 2,556,836, June 12.

Browder, John G., Houston, and A. R. Smith, Baytown, Tex., assignors, by mesne assignments, to Standard Oil Development Company, Elizabeth, N. J. Sweetening of petroleum distillates. 2,556,837, June 12.

Browder, John G., Houston, and A. R. Smith, Baytown, Tex., assignors, by mesne assignments, to Standard Oil Development Company, Elizabeth, N. J. Sweetening of petroleum distillates. 2,562,767, July 31.

Browder, John G., Houston, and A. R. Smith, Baytown, Tex., assignors, by mesne assignments, to Standard Oil Development Company, Elizabeth, N. J. Sweetening petroleum distillates. 2,565,349, Aug. 21.

Browder, John G., Houston, and A. R. Smith, Baytown, Tex., assignors, by mesne assignments, to Standard Oil Development Company, Elizabeth, N. J. Treating petroleum distillates. 2,569,370, Sept. 25.

Brown, Adolph M., Chicago, Ill. Device for retracting face skin. 2,575,204, Nov. 13.

Brown, Adolph M., Chicago, Ill. Device for retracting skin. 2,575,205, Nov. 13.

Brown, Adolph M., Chicago, Ill. Face lifting device. 2,575,206, Nov. 13.

Brown, Albert M., assignor to G. Stibbe & Co. Limited, Leicester, England. Yarn feeding mechanism for knitting machines. 2,561,175, July 17.

Brown, Alexander M., assignor to The North & Judd Manufacturing Company, New Britain, Conn. Slide fastener end stopping. 2,549,051, Apr. 17.

Brown, Alexander M., assignor to The North & Judd Manufacturing Company, New Britain, Conn. End stop for slide fasteners. 2,563,454, Aug. 7.

Brown, Alexander P., Beechhurst, N. Y. Piano action. 2,542,306, Feb. 20.

Brown, Alexander P., Beechhurst, N. Y. Piano action. 2,542,307, Feb. 20.

Brown, Alexander P., Beechhurst, N. Y. Piano action. 2,542,308, Feb. 20.

Brown, Alexander P., Beechhurst, N. Y. Piano action. 2,542,309, Feb. 20.

Brown, Alfred G., Los Angeles, Calif. Refrigerating apparatus. 2,543,351, Feb. 27.

Brown, Allan R., Oak Park, Ill., assignor to General Electric Company. Control of X-ray generators. 2,571,009, Oct. 9.

Brown, Andrew, London, England, assignor to International Standard Electric Corporation, New York, N. Y. Revertive calling party line system. 2,579,469, Dec. 25.

Brown, Andrew G., Maywood, assignor to The Griffith Laboratories, Inc., Chicago, Ill. Registering mechanism for scales and the like. 2,571,414, Oct. 16.

Brown, Andrew G., Maywood, assignor to The Griffith Laboratories, Inc., Chicago, Ill. Percentage indicator for scales and the like. 2,571,415, Oct. 16.

Brown, Anna, assignee: *See*—
Brown, Edward C.

Brown, Arthur E., Salt Lake City, Utah. Rotary fluid mechanism. 2,559,590, July 10.

Brown, Arthur S., assignor to The British Heat Resisting Glass Company, Limited, Bilston, England. Molding undercut knob handles or other undercut portions upon glass articles. 2,552,839, May 15.

Brown, Barremore B.: *See*—
Donal, John S., Jr., Cuccia, and Brown.

Brown, Barremore B., Morristown, N. J., assignor to Radio Corporation of America. Electron discharge device of the magnetron type. 2,560,409, July 10.

Brown, Benton B., Des Moines, Iowa. Device for refacing seats in lawn mower reel pinion gears. 2,558,232, June 26.

Brown, Bernard E.: *See*—
Raney, Russell R., and Brown.

Brown, Bernard E., Chicago, Ill., assignor to International Harvester Company. Mower. 2,564,876, Aug. 21.
Brown & Bigelow, assignee: *See*—
Felt, Paul W.
Gordenier, Robert E., Gruber, and Thull.
Gruber, Francis E.
Priester, Kendall B.
Rojakovick, Joseph.
Vierling, John A.
Brown-Bridge Mills, Inc., The, assignee: *See*—
Holt, Frederick W., Jr., Howard, and Bench.
Brown-Brockmeyer Company, The, assignee: *See*—
Brown, Steffen S.
Gayer, John D.
Trant, James L.
Brown Brothers and Company Limited, assignee: *See*—
Allan, James F.
Brown, Burton J., Detroit, Mich. Automobile body construction. 2,580,156, Dec. 25.
Brown, Burton P., Jr., Baldwinsville, N. Y., assignor to General Electric Company. Duplex directive antenna system. 2,552,146, May 8.
Brown, Burton P., Jr., Scotia, N. Y., assignor to General Electric Company. Beam antenna system. 2,541,806, Feb. 13.
Brown, Carl D.: *See*—
Fiset, Alphonse J., and Brown.
Brown, Carl D., and G. E. Repass, assignors to Draper Corporation, Hopedale, Mass. Cross-laying machine. 2,565,647, Aug. 28.
Brown, Carl D., and G. E. Repass, assignors to Draper Corporation, Hopedale, Mass. Combing mechanism for cross-laying machines. 2,566,922, Sept. 4.
Brown, Carl L.: *See*—
Aldridge, Clarence F., and Brown.
Brown, Carl S., Lakewood, and E. E. Deuring, Cleveland Heights, assignors to Glascote Products, Inc., Cleveland, Ohio. Mounting for rotary agitators. 2,536,348, Jan. 2.
Brown, Caroline, New York, N. Y. Garment. 2,544,486, Mar. 6.
Brown, Charles A., St. Louis County, Mo. Multiple gaseous fuel burner and secondary air feed baffles. 2,547,850, Apr. 3.
Brown, Charles E., New York, N. Y. Camera tripod head. 2,543,352, Feb. 27.
Brown, Charles G.: *See*—
Rogers, Allan B., and Brown.
Brown, Charles H., assignee: *See*—
Fenn, James E.
Brown, Charles I., Jr., Floral Park, N. Y. Mounting bracket. 2,568,609, Sept. 18.
Brown, Charles K., Jr., Fairmont, W. Va. Ash tray and glass holder. 2,554,136, May 22.
Brown, Charles K., Jr., Fairmont, W. Va. Hot and cold water mixing faucet. 2,563,154, Aug. 7.
Brown, Charles K., Jr., Fairmont, W. Va. Combined vacuum cleaner and tool casing. 2,573,091, Oct. 30.
Brown, Charles K., Jr., Fairmount, W. Va. Mixing faucet. 2,575,940, Nov. 20.
Brown, Charles L., Bristow, Okla. Armature reaction control for alternators. 2,560,718, July 17.
Brown, Charles R.: *See*—
Minnick, Leonard J., and Brown.
Brown, Charles R., Glen Mills, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Variable thrust exhaust nozzle. 2,564,671, Aug. 21.
Brown, Charles R., Llanerch, assignor to G. and W. H. Corson, Inc., Plymouth Meeting, Pa. Ceramic product and making the same. 2,576,565, Nov. 27.
Brown, Charles R., North Wales, assignor to G. and W. H. Corson, Inc., Plymouth Meeting, Pa. Agglomerated body and preparing same. 2,576,566, Nov. 27.
Brown, Charles W., Trenton, N. J. Ice skate sharpener. 2,550,765, May 1.
Brown, Charlie M., Ackerly, Tex., and F. Horne, Portales, N. Mex. Peanut harvester. 2,540,094, Feb. 6.
Brown, Cicero C., Houston, Tex. Formation testing device. 2,540,423, Feb. 6.
Brown, Cicero C., Houston, Tex. Rotary core drill with jar mechanism. 2,551,995, May 8.
Brown, Cicero C., Houston, Tex. Drill stem telescope joint. 2,563,515, Aug. 7.
Brown, Cicero C., Houston, Tex. Orifice shoe for well pipes. 2,572,308, Oct. 23.
Brown, Cicero C., Houston, Tex. Cementing plug. 2,572,309, Oct. 23.
Brown, Cicero C., and F. F. Waltermire, Houston, Tex. Rotary drill stabilizer. 2,572,307, Oct. 23.
Brown, Clarence A., Toledo, Ohio, assignor to Jones Graphic Products Company, Albuquerque, N. Mex. Planographic printing. 2,550,326, Apr. 24.
Brown, Clayton W., Olive, Calif. Adjustable head rest. 2,560,925, July 17.
Brown, Clifford P., St. Louis, Mo. Dispenser attachable to the neck of a container having a handle integral therewith, a reciprocable closure for the outlet and an actuator for said closure adjacent said handle. 2,554,293, May 22.
Brown, Clyde A.: *See*—
Chace, Thomas B., and Brown.
Brown, Clyde A., assignor to The Dole Valve Company, Chicago, Ill. Metering fluid. 2,569,285, Sept. 25.
Brown, Clyde A., assignor to The Dole Valve Company, Chicago, Ill. Valve and sealing structure therefor. 2,578,396, Dec. 11.
Brown, Clyde A., Luck, Wis., assignor to The Dole Valve Company, Chicago, Ill. Temperature controlled mixing valve. 2,542,273, Feb. 20.
Brown, Clyde A., Luck, Wis., assignor to The Dole Valve Company, Chicago, Ill. Temperature controlled mixing valve. 2,550,907, May 1.
Brown, Dan A., Long Beach, assignor to Rheem Manufacturing Company, Richmond, Calif. Reciprocating piston-type valve. 2,542,390, Feb. 20.
Brown, Dan A., Long Beach, assignor to Rheem Manufacturing Company, Richcond, Calif. Water softener valve. 2,542,391, Feb. 20.
Brown, Dan A., Long Beach, Calif., assignor, by mesne assignments, to Robertshaw-Fulton Controls Company, Greensburg, Pa. Actuator for thermally responsive control devices. 2,548,941, Apr. 17.
Brown, David L., Shawnee, Okla. Safety valve for gas lines. 2,543,566, Feb. 27.
Brown, David, & Sons (Huddersfield), Limited, assignee: *See*—
Balmforth, Norman.
Fearns, Stanley.
Brown, Earl E., assignor of one-half to G. A. Streitz, Camden, N. J. Packing tool for forming and installing impressionable comminuted or plastic packing. 2,574,169, Nov. 6.
Brown, Edward C., asignor of one-half to A. Brown, St. Petersburg, Fla. Swinging crib. 2,566,594, Sept. 4.
Brown, Ellis M.: *See*—
Hotz, Fred T., Sadlon, and Brown.
Brown, Ellis M., and F. V. Forss, assignors to John Oster Manufacturing Company, Racine, Wis. Agitator for drink mixers. 2,549,885, Apr. 24.
Brown, Ely E., and E. Miller, Portsmouth, Ohio, assignors to Blaw-Knox Company, Pittsburgh, Pa. Water-cooled furnace door. 2,577,736, Dec. 11.
Brown, Ethan A., Boston, Mass., M. H. Gorin, Dallas, Tex., and H. A. Abramson, Chevy Chase, Md. Antiseptic wound dressings. 2,542,897, Feb. 20.
Brown, Ethan A., Boston, Mass., M. H. Gorin, San Francisco, Calif., and H. A. Abramson, New York, N. Y. Peroxide liquid antiseptics. 2,542,898, Feb. 20.
Brown, Fay C., Cambridge, Mass. Photosensitive device. 2,542,115, Feb. 20.
Brown Fintube Company, assignee: *See*—
Brown, John W., Jr.
Brown, Florence L., Miami Beach, Fla., assignor to M. Alpers, Providence, R. I. Chin and cheek support. 2,556,793, June 12.
Brown, Fordyce M.: *See*—
Tuttle, Clifton M., and Brown.
Wampole, Oliver J., Brown, and Tuttle.
Williams, Franklin C., and Brown.
Brown, Foster H., Brooklyn, N. Y. Interval timer. 2,565,017, Aug. 21.
Brown, Frank E., Burbank, assignor to F. M. Turnbull, Los Angeles, Calif. Syringe ampoule. 2,549,417, Apr. 17.
Brown, Frank K., and H. F. Phipard, Jr., South Dartmouth, and G. E. Jenney, Jr., North Dartmouth, assignors to Research Engineering & Manufacturing, Inc., New Bedford, Mass. Self-adjusting bit and holder. 2,550,635, Apr. 24.
Brown, Frank L., Park Ridge, Ill., assignor to Chicago Faucet Company. Faucet unit. 2,561,559, July 24.
Brown, Frank M., assignor to A. L. Atkinson, Bakersfield, Calif. Cotton boll guide for cotton-picking machines. 2,576,567, Nov. 27.
Brown, Frank M., St. Paul, Minn, and K. Dawkins, Kingston, Ontario, Canada, assignors to Gould-National Batteries, Inc. Vent plug and liquid level indicator for batteries. 2,554,557, May 29.
Brown, Fred F.: *See*—
Williams, William, and Brown.
Brown, Frederick C., Bisley, England. Sectional filing cabinet. 2,557,630, June 19.
Brown, Frederick E., Hyde, England. Machine for working rubber or other plastic materials. 2,537,395, Jan. 9.
Brown, Frederick E., Hyde, England. Rubber working machine. 2,551,872, May 8.
Brown, George H., Princeton, N. J., assignor to Radio Corporation of America. Impedance measurement at ultra high frequencies. 2,557,811, June 19.
Brown, George H., Princeton, N. J., assignor to Radio Corporation of America. High-frequency dielectric heating system. 2,563,098, Aug. 7.
Brown, George H., and R. A. Bierwirth, Princeton, N. J., assignors to Radio Corporation of America. Manufacturing penicillin. 2,536,676, Jan. 2.
Brown, George H., Princeton, N. J., and G. B. MacKimmie, Montreal, Quebec, Canada, assignors to Radio Corporation of America. Percentage modulation control network. 2,543,827, Mar. 6.
Brown, George M., North Tarrytown, N. Y., assignor to General Electric Company. Stair-step wave generator. 2,562,694, July 31.

Brown, George P., Jr.: *See*—
Riethof, George, Montgomery, and Brown.
Brown, George R., Springfield, Mass. Fishline reel. 2,568,986, Sept. 25.
Brown, George S., Portland, Oreg. Trowel for digging ferns. 2,539,181, Jan. 23.
Brown, George W.: *See*—
Rajchman, Jan A., and Brown.
Brown, Gerald G.: *See*—
Cardwell, Harland W., and Brown.
Brown, Gilbert G., Orange, N. J., assignor to Federal Telephone and Radio Corporation, New York, N. Y. Selector system. 2,579,470, Dec. 25.
Brown, Glenn A.: *See*—
Hamel, Edward C., Brown, and Pond.
Brown, Graham B., Washington, D. C. Parachute pack and release means therefor. 2,565,470, Aug. 28.
Brown, Graham B., Youngstown, Ohio. Parachute pack. 2,577,737, Dec. 11.
Brown-Graves Company, assignee: *See*—
Graves, Harold E., Jr.
Brown, Guy E., Houston, Tex., assignor of one-half to H. J. Eastman, Denver, Colo. Orienting well tools in well bores. 2,567,507, Sept. 11.
Brown, Guy E., and B. K. Macey, Burlington, Vt. Instrument for measuring or indicating the specific gravity of liquids. 2,574,432, Nov. 6.
Brown, Harold H., Merchantville, N. J. Container. 2,563,455, Aug. 7.
Brown, Harold P., Akron, Ohio, and R. J. Houston, Fairfax, Calif., assignors to The B. F. Goodrich Company, New York, N. Y. Polymerization of butadiene-1,3-hydrocarbons in aqueous emulsion in the presence of a ferricyanide, a diazomercapto compound, and an alcohol. 2,566,821, Sept. 4.
Brown, Henry, assignor to The Udylite Corporation, Detroit, Mich. Electrodeposition of nickel from an acid bath. 2,550,449, Apr. 24.
Brown, Henry B., Madison, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Control circuit for step-by-step switches. 2,542,794, Feb. 20.
Brown, Henry C., New York, N. Y. Collapsible garment and hat hanger. 2,540,508, Feb. 6.
Brown, Herbert C.: *See*—
Schlesinger, Hermann I., and Brown.
Brown, Herbert C., West Lafayette, Ind., assignor to Standard Oil Company, Chicago, Ill. Alkylation of urea with olefins. 2,548,585, Apr. 10.
Brown, Herbert W., Jr., Haddonfield, N. J., assignor to Radio Corporation of America. Piezoelectric crystal holder. 2,559,494, July 3.
Brown, Herman N., and S. S. Jones, Sr., Cleveland, Ohio. Hair treating apparatus. 2,559,004, July 3.
Brown, Homer A., Glendale, and E. E. Hobbs, Sr., Anaheim, Calif. Removable bristle brush. 2,558,290, June 26.
Brown, Howard C., assignor to B. & B. Oil Tool Co., Bakersfield, Calif. Apparatus for cleaning perforations. 2,574,141, Nov. 6.
Brown, Hugh E., Cleveland Heights, and S. M. Grant, Bay Village, assignors to The W. S. Tyler Company, Cleveland, Ohio. Method and apparatus for controlling magnetically vibrated screens. 2,538,760, Jan. 23.
Brown, Hugh M., assignor to Clemson Agricultural College of South Carolina, Clemson, S. C. Tensiometer. 2,564,150, Aug. 14.
Brown Industries Incorporated, assignee: *See*—
Rinderle, Karl T.
Brown, Jack, Leamington Spa, assignor to Bowecrofts (Developments) Limited, Coventry, England. Handle bar for a steering wheel of a vehicle. 2,554,292, May 22.
Brown, James D., assignor to Toledo Scale Company, Toledo, Ohio. Bearing seal for meat grinders. 2,537,943, Jan. 16.
Brown, James R., Houston, Tex. Venetian blind. 2,570,199, Oct. 9.
Brown, James R., Salinas, Calif. Tent frame construction. 2,555,220, May 29.
Brown, James S., Scarsdale, and J. Melzer, Bellaire, assignors to American Can Company, New York, N. Y. Can body side seam soldering machine with improved wiper mechanism. 2,553,547, May 22.
Brown, James W., Oakland, Calif. Piston. 2,553,296, May 15.
Brown, Jesse E.: *See*—
Aram, Nathan W., and Brown.
Brown, Jesse E., Glencoe, Ill., assignor to Zenith Radio Corporation. Subscription-type television receiver. 2,567,545, Sept. 11.
Brown, Jesse E., Glencoe, Ill., assignor to Zenith Radio Corporation. Subscription type television transmitter. 2,574,462, Nov. 13.
Brown, John H., Yakima, Wash. Bank robber trap. 2,560,410, July 10.
Brown, John K., Detroit, Mich. Interconnection system. 2,564,151, Aug. 14.
Brown, John M., Lynwood, Calif. Adhesive applying means. 2,536,907, Jan. 2.
Brown, John R., Cleveland, Ohio, assignor to The Reliance Gauge Column Company. Electrical alarm switch. 2,547,742, Apr. 3.
Brown, John T., Montchanin, Del., and B. K. Daubenspeck, Stratford, assignors to Remington Arms Company, Inc., Bridgeport, Conn. Cellular plastic wad. 2,559,275, July 3.
Brown, John W., Estes Park, assignor to Gunderson-Taylor Machinery Company, Denver, Colo. Backfill tamper. 2,551,925, May 8.
Brown, John W., South Euclid, Ohio, assignor to Dancyger Manufacturing Company. Shield for electric plugs. 2,544,654, Mar. 13.
Brown, John W., South Euclid, Ohio, assignor to Dancyger Manufacturing Company. Shield for prongs of electric plugs. 2,545,762, Mar. 20.
Brown, John W., Jr., Lakewood, assignor to Brown Fintube Company, Elyria, Ohio. Apparatus for resistance welding fins to the interior surfaces of tubes. 2,550,965, May 1.
Brown, John W., Jr., Lakewood, assignor to Brown Fintube Company, Elyria, Ohio. Heat exchanger. 2,566,161, Aug. 28.
Brown, John W., Jr., Lakewood, assignor to Brown Fintube Company, Elyria, Ohio. Apparatus for brazing fins to tubes. 2,572,593, Oct. 23.
Brown, John W., Jr., Lakewood, assignor to Brown Fintube Company, Elyria, Ohio. Heat exchanger conduit having internal fins. 2,573,538, Oct. 30.
Brown, Joseph, assignor to David Bridge & Company Limited, Castleton, Rochdale, England. Sealing device for rotating shafts of machinery. 2,536,623, Jan. 2.
Brown, Joseph D., Eastchester, assignor to Poloron Products, Inc., New Rochelle, N. Y. Collapsible stove. 2,559,243, July 3.
Brown, Joseph T., and C. N. Oakes, Elkin, N. C. Stalk cutting attachment for farm tractors. 2,558,123, June 26.
Brown, Julian S., Jacksonville, Fla., assignor of one-half to S. W. Munroe, Los Angeles, Calif. Automotive transmission incorporating hydrodynamic coupling. 2,572,310, Oct. 23.
Brown, Kenneth M., Hinsdale, assignor to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbons. 2,549,053, Apr. 17.
Brown, Kenneth M., Hinsdale, and W. W. Johnstone, Riverside, assignors to Universal Oil Products Company, Chicago, Ill. Desulfurization of hydrocarbon oils. 2,549,052, Apr. 17.
Brown, Kenneth M., Hindsdale, and C. G. Gerhold, Riverside, assignor to Universal Oil Products Company, Chicago, Ill. Desulfurization process. 2,556,157, June 12.
Brown, Kenneth W.: *See*—
Eastwood, Eric, Ferguson, and Brown.
Martin, William J. B., Owen, and Brown.
Brown, Laurence C.: *See*—
Goodhue, William V., and Brown.
Brown, Lawrence S.: *See*—
Newell, William H., and Brown.
Newell, William H., Tear, and Brown.
Brown, Lawrence S., Long Island City, N. Y., assignor to The Sperry Corporation. Compensator for slip in variable friction drives. 2,540,809, Feb. 6.
Brown, Lemual G., Oklahoma City, Okla. Metal shutter. 2,568,215, Sept. 18.
Brown, Leo C., and J. E. Farbak, assignors to Swift & Company, Chicago, Ill. Defoamer. 2,550,450, Apr. 24.
Brown, Leo H., Glenville, Conn. Single eyepiece binocular. 2,537,962, Jan. 16.
Brown, Leo H., Glenville, Conn. Bore sight. 2,548,861, Apr. 17.
Brown, Leslie R.: *See*—
Bray, Frederick H., and Brown.
Bray, Frederick H., Brown, and Ridler.
Ridler, Desmond S., and Brown.
Brown, Louis B., Duquesne, Pa. Made-up ornamental handkerchief. 2,539,182, Jan. 23.
Brown, Margaret, executrix: *See*—
Brown, Omer G.
Brown, Martin P., Bremerton, Wash. Caged float flush control valve. 2,572,982, Oct. 30.
Brown, Maurice R.: *See*—
Thomas, Arthur, and Brown.
Brown, Merle M., Princeton, assignor, by mesne assignments, to Marvel Specialty Company, Incorporated, Paducah, Ky. Method of and apparatus for mending hosiery. 2,570,637, Oct. 9.
Brown, Meyer M., New York, N. Y. Toy film viewer. 2,570,913, Oct. 9.
Brown, Morris E., P. B. Wickham, and C. J. Sterenberg, Delavan, and S. A. Johnston, Fontana, Wis., assignors to The George W. Borg Corporation, Chicago, Ill. Fuse testing apparatus. 2,553,436, May 15.
Brown, Myron J., Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Line trap with demountable tuner. 2,579,544, Dec. 25.
Brown, Norman F., London, England. Free piston for use in eduction pipes of apparatus for raising liquid in wells. 2,555,112, May 29.
Brown, Northrop, assignor to E. I. du Pont de Nemours and Company, Wilmington, Del. Preparation of cyanoalkenes. 2,554,482, May 29.
Brown, Oliver J., Jr., Kenilworth, assignor to Hanson-Van Winkle-Munning Company, Matawan, N. J. Scrubbing device with removable brush assembly. 2,543,657, Feb. 27.

Brown, Omer G., deceased, Kane, Pa.; M. Brown, executrix. Bath chair. 2,562,598. July 31.
Brown, Percival W., Winnipeg, Manitoba, Canada. Record duplicate. 2,557,255, June 19.
Brown, Phoebe M., New York, N. Y. Blouse type garment. 2,575,791, Nov. 20.
Brown, R L, assignor of one-half to J. N. Garitty, Corsicana, Tex. Lock having key ejecting mechanism. 2,550,184, Apr. 24.
Brown, Ralph, Fallbrook, assignor to Electrical Products Corporation, Los Angeles, Calif. Apparatus for bending tubes. 2,571,416, Oct. 16.
Brown, Ralph E., assignor, by mesne assignments, to Genisco, Incorporated, Los Angeles, Calif. Cross hair reticule. 2,562,695, July 31.
Brown, Ralph E., Washington, D. C. Apparatus for projecting images. 2,553,745, May 22.
Brown, Ralph L., and R. E. Zehner, Anderson, Ind. Self-storing storm and screen combination. 2,559,005, July 3.
Brown, Ralph M., assignor to Penn Yan Boats, Inc., Penn Yan, N. Y. Making boat hulls. 2,569,224, Sept. 25.
Brown, Raymond L., Darien, assignor to Electrolux Corporation, Old Greenwich, Conn. Air filter. 2,548,942, Apr. 17.
Brown, Raymond L., Darien, assignor to Electrolux Corporation, Old Greenwich, Conn. Impregnating electrical coils. 2,574,686, Nov. 13.
Brown, Raymond W., Oak Forest, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Apparatus for controlling electrical power. 2,567,692, Sept. 11.
Brown, Raymond W., Evergreen Park, and G. H. Frank, Oak Park, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y. Conveyer apparatus. 2,537,005, Jan. 9.
Brown, Robert C., Jr., assignee & trustee: *See*—
Findley, William N.
Wittgren, Charles.
Brown, Robert H., New Kensington, assignor to Aluminum Company of America, Pittsburgh, Pa. Cathodic protection and underground metallic structure embodying the same. 2,565,544, Aug. 28.
Brown, Robert J., assignor to S. C. Johnson & Son, Inc., Racine, Wis. Method and apparatus for dispersing pigments. 2,560,082, July 10.
Brown, Robert L.: *See*—
Waara, David H.
Peterson, Norman R., and Brown.
Brown, Robert L., Teaneck, assignor to Bendix Aviation Corporation, Teterboro, N. J. Electromagnetic relay. 2,540,185, Feb. 6.
Brown, Robert L., Teaneck, assignor to Bendix Aviation Corporation, Teterboro, N. J. Overvoltage protector. 2,560,628, July 17.
Brown, Robert L., Teaneck, assignor to Bendix Aviation Corporation, Teterboro, N. J. Overvoltage protector. 2,560,629, July 17.
Brown, Robert L., Teaneck, assignor to Bendix Aviation Corporation, Teterboro, N. J. Overvoltage protector. 2,560,630, July 17.
Brown, Robert L., Teaneck, assignor to Bendix Aviation Corporation, Teterboro, N. J. Reverse current relay. 2,565,755, Aug. 28.
Brown, Robert L., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Chemical aftertreatment of high polymers containing cyano groups using ammonia and a hydrosulfide. 2,563,640, Aug. 7.
Brown, Robert O.: *See*—
Harrel, Chastain G., and Brown.
Brown, Robert P., White Plains, N. Y. Ski apparatus. 2,564,420, Aug. 14.
Brown, Robinson W., Oklahoma City, Okla., assignor to Chicago Pneumatic Tool Company, New York, N. Y. Assembling tool joints. 2,539,056, Jan. 23.
Brown, Robinson W., Oklahoma City, Okla., assignor to Chicago Pneumatic Tool Company, New York, N. Y. Tool joint. 2,539,057, Jan. 23.
Brown, Roy W.: *See*—
Candlin, James E., Jr., and Brown.
Brown, Roy W., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Friction device. 2,537,629, Jan. 9.
Brown, Roy W., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Pivotal mounting for aircraft wheels. 2,537,634, Jan. 9.
Brown, Roy W., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Steerable aircraft undercarriage. 2,537,650, Jan. 9.
Brown, Roy W., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Making friction material. 2,560,024, July 10.
Brown, Roy W., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Attaching airplane propeller deicer shoes. 2,560,026, July 10.
Brown, Roy W., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Friction material lubricant. 2,560,051, July 10.
Brown, Roy W., Akron, Ohio, assignor, by mesne assignments, to the United States of America, as represented by the Civil Aeronautics Administration, Department of Commerce. Cross-wind undercarraige. 2,562,082, July 24.
Brown, Sanborn C., Cambridge, Mass., assignors, by mesne assignments, to Research Corporation, New York, N. Y. Voltage stabilizing system and tube. 2,576,100, Nov. 27.
Brown, Sanford P., Beaumont, Tex. Form for molding cementitious material. 2,548,343, Apr. 10.
Brown and Sharpe Manufacturing Company, assignee: *See*—
Levesque, George N.
Mathewson, Maxwell I.
Parker, John W.
Weimar, Hans C.
Brown, Sherman J.: *See*—
Russell, Blinn W., Jr., Rosenberg, and Brown.
Brown, Steffen S., assignor to The Brown-Brockmeyer Company, Dayton, Ohio. Electric motors and operating motors. 2,543,149, Feb. 27.
Brown, Steffen S., assignor to The Brown-Brockmeyer Company, Dayton, Ohio. Electric motor. 2,556,573, June 12.
Brown, Steffen S., assignor to The Brown-Brockmeyer Company, Dayton, Ohio. Centrifugal guided speed responsive device. 2,561,560. July 24.
Brown, Stephen S., Houston, Tex., assignor, by mesne assignments, to Standard Oil Development Company, Elizabeth, N. J. Device for controlling the injection of fluids. 2,543,828, Mar. 6.
Brown, Stewart R., Mfg. Co., Inc., assignee: *See*—
Anderson, Gordon S.
Brown, Theodore G., Sunnyvale, Calif. Speed decelerating indicator for motor vehicles. 2,574,616, Nov. 13.
Brown, Theophilus, assignor to Deere & Company, Moline, Ill. Power lift. 2,538,143, Jan. 16.
Brown, Theophilus, assignor to Deere & Company, Moline, Ill. Adjustable wheel base tractor. 2,559,935, July 10.
Brown, Theophilus, assignor to Deere & Company, Moline, Ill. Tractor seat leveling mechanism. 2,572,910, Oct. 30.
Brown, Theophilus, assignor to Deere & Company, Moline, Ill. Tractor. 2,572,911, Oct. 30.
Brown, Theophilus, assignor to Deere & Company, Moline, Ill. Cultivator spring trip. 2,575,510, Nov. 20.
Brown, Theophilus, and T. W. Paul, assignors to Deere & Company, Moline, Ill. Resiliently mounted seat. 2,536,418, Jan. 2.
Brown, Thomas W. F., Newcastle-on-Tyne, and H. G. Yates, Northumberland, assignors to The Parsons and Marine Engineering Turbine Research and Development Association, Wallsend, England. Elastic fluid turbine connection. 2,565,648, Aug. 28.
Brown, Vaughn H., Milwaukee, Wis. Electric soldering iron. 2,552,253, May 8.
Brown, Vincent P., Williamsport, Pa. Shade roller winder. 2,570,638, Oct. 9.
Brown, Virgil S., Prescott, Iowa. Adjustable headrest for creepers. 2,564,323, Aug. 14.
Brown, Wallace C., assignor to Gunn Furniture Company, Grand Rapids, Mich. Adjustable base for desks, furniture, and the like. 2,544,822, Mar. 13.
Brown, Wallace M., assignor to Kenworth Motor Truck Corporation, Seattle, Wash. Differential for multiple-drive vehicles. 2,558,417, June 26.
Brown, Walter D., Jacksonville, Fla. Tool. 2,579,360, Dec. 18.
Brown, Walter E.: *See*—
Harrison, Stuart A., and Brown.
Brown, Walter J., Cleveland Heights, Ohio. Current limit control circuit. 2,554,695, May 29.
Brown, Warren G., West Englewood, assignor to Electrons, Incorporated, Newark, N. J. Controllable electron discharge tube having low tube losses. 2,559,395, July 3.
Brown, Wesley H., assignor of one-half to W. Hatcher, Knoxville, Tenn. Hydraulic motor mechanism for windshield wipers. 2,543,686, Feb. 27.
Brown, Wesley H., Knoxville, Tenn. Hydraulic system for vehicle steering. 2,557,936, June 26.
Brown, Wesley R., Emmett, Idaho. Anchor for mortise and tenon joint. 2,538,292, Jan. 16.
Brown, Wilfred J., Yuba, Wis. Traction attachment for vehicle tires. 2,573,092, Oct. 30.
Brown, William: *See*—
Nichols, Rex, and Brown.
Brown, William, Far Rockaway, and E. H. Schoenfeld, Mamaroneck, N. Y., assignors to Radio Corporation of America. Frequency divider. 2,538,278, Jan. 16.
Brown, William, Nottingham, England. Control lever mechanism. 2,560,154, July 10.
Brown, William, Nottingham, England. Selector mechanism for change speed hub gears of cycle wheels. 2,566,978, Sept. 4.
Brown, William A., Lincoln, Maine. Interchangeable temple for eyeglass frames. 2,547,923, Apr. 10.
Brown, William C., Lincoln, assignor to Raytheon Manufacturing Company, Newton, Mass. Cavity resonator electron discharge device. 2,542,899, Feb. 20.
Brown, William C., Lincoln, assignor to Raytheon Manufacturing Company, Newton, Mass. Electron discharge device of the magnetron type. 2,556,747, June 12.
Brown, William C., Lincoln, assignor to Raytheon Manufacturing Company, Newton, Mass. Cavity resonator electron-discharge device. 2,557,780, June 19.

Brown, William C., Lincoln, and J. E. Stacy, Winthrop, assignors to Raytheon Manufacturing Company, Newton, Mass. Magnetron power supply circuits. 2,543,887, Mar. 6.

Brown, William E., assignor to Perfection Packaging, Shelburn, Ind. Swim goggles. 2,568,316, Sept. 18.

Brown, William L., Carmi, Ill. Closing attachment for links. 2,550,038, Apr. 24.

Brown, William N., Winona Lake, assignor to Arnolt Corporation, Warsaw, Ind. Furniture construction. 2,578,397, Dec. 11.

Brown, William N., Jr.: *See*—
Meek, Charles E., Jr., and Brown.

Brown, William R., Cleveland, Ohio. Seat and berth construction. 2,544,980, Mar. 13.

Brown, William T., Fort Wayne, and L. C. Girardot, New Haven, Ind., assignors, by mesne assignments, to Farnsworth Research Corporation. Adjustable electrical condenser mounting means. 2,568,715, Sept. 25.

Brown, William T., West Suffield, Conn., assignor to A. G. Spalding & Bros. Inc., Chicopee, Mass. Making athletic balls. 2,579,294, Dec. 18.

Brownawell, J. B., assignee: *See*—
Weaver, James C.

Browne, Charles M., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Flux. 2,563,391, Aug. 7.

Browne, Charles M., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Apparatus for uniting metal to glass. 2,577,306, Dec. 4.

Browne, Jack, assignor, by mesne assignments, to Diving Equipment and Supply Co., Milwaukee, Wis. Diving suit. 2,569,451, Oct. 2.

Browne, Kenneth A.: *See*—
Lundquist, Wilton G., and Browne.

Browne, Kenneth A., Ridgewood, N. J., assignor to Wright Aeronautical Corporation. Engine pressure control mechanism having housing containing an evacuated bellows and a vented bellows. 2,560,210, July 10.

Browne, Lindsay H., Westport, Conn., assignor to American Brake Shoe Company. Speed reducer. 2,556,359, June 12.

Browne, Ollie H., assignor to Snow Cones, Inc., Dallas, Tex. Iceshaving machine. 2,552,933, May 15.

Browne, Samuel H., Buffalo, N. Y. Auxiliary stadium seat. 2,545,840, Mar. 20.

Browne, Thomas E., Jr., Forest Hills, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Circuit interrupter. 2,568,381, Sept. 18.

Browne, William H., Columbus, Ohio, assignor, by mesne assignments, to Houdaille-Hershey Corporation, Detroit, Mich. Making resilient batts. 2,571,334, Oct. 16.

Browne, William H., Columbus, Ohio, assignor, by mesne assignments, to Houdaille-Hershey Corporation, Detroit, Mich. Machine for making resilient batts. 2,571,335, Oct. 16.

Brownell, Clifford E., Buffalo, assignor of one-fourth to A. F. Wilson, East Aurora, one-fourth to E. N. Wilson, one-fourth to L. A. Wilson, and one-fourth to S. S. Wilson, Buffalo, N. Y. Receptacle closure. 2,563,456, Aug. 7.

Brownell, Clifford E., assignor to Lisk-Savory Corporation, Buffalo, N. Y. Pail holder. 2,565,448, Aug. 21.

Brownell, Clifford E., assignor to Lisk-Savory Corporation, Buffalo, N. Y. Galvanizing machine. 2,573,660, Oct. 30.

Brownell, Dean H., assignor to American Enka Corporation, Enka, N. C. Thread advancing reel. 2,562,768, July 31.

Brownell, Harry R., New York, N. Y. Transformer. 2,560,926, July 17.

Browning, J. M. & M. S., Company, assignee: *See*—
Browning, Val A.

Browning, John W., Havre, assignor of two per cent to E. and A. Y. Obie, Bozeman, Mont. High-speed flexible joint. 2,546,298, Mar. 27.

Browning, Leander, Greenwood, Ind. Spray boom device. 2,574,206, Nov. 6.

Browning, Richardson O., North Hollywood, Calif. Pendulum inclinometer for sighting instruments. 2,569,796, Oct. 2.

Browning, Roe V., assignor of ten per cent to V. E. Browning, twenty per cent to J. W., and twenty per cent to O. R. Tschache, Bozeman, Mont. Tool joint. 2,552,147, May 8.

Browning, Val A., assignor to J. M. & M. S. Browning Company, Ogden, Utah. Hammer safety for firearms. 2,565,018, Aug. 21.

Browning, Vera E., assignee: *See*—
Browning, Roe V.

Brownlie, John, Freeport, R. Gerstenzang, Brooklyn, N. Y., and A. C. Blamey, Rutherford, N. J.; said Blamey assignor to said Brownlie and said Gerstenzang. Casement window hinge. 2,579,785, Dec. 25.

Brownlow, Cecil L., assignor to Phillips Petroleum Company, Bartlesville, Okla. Circuit breaker. 2,545,256, Mar. 13.

Brownlow, Cecil L., Bartlesville, Okla., assignor to Phillips Petroleum Company. Seismograph blaster time breaker circuit. 2,578,877, Dec. 18.

Brownscombe, Philip J., Chatham, assignor to Griscombe Corporation, Newark, N. J. Camera having edge grip film feed. 2,536,156, Jan. 2.

Browstein, Raymond G., Ellwood City, Pa. Scaffold structure. 2,555,782, June 5.

Broyles, Otis T., Houston, Tex. Firing mechanism for gun perforating. 2,540,184, Feb. 6.

Broyles, Margaret H.: *See*—
Gearhart, William M., Hill, and Broyles.

Brozek, Lawrence: *See*—
Heimann, Heinrich, and Brozek.

Brozier, Phil, Avella, Pa. Oscillating signal lamp. 2,572,439, Oct. 23.

Brrr, Inc., assignee: *See*—
Joseph, Irwin S.

Brubaker, D. H., assignee: *See*—
Williams, William R.

Brubaker, George P., Los Angeles, Calif., assignor, by mesne assignments, to Dictaphone Corporation, New York, N. Y. Sound recorder. 2,576,250, Nov. 27.

Brubaker, Henry J., Joliet, Ill. Light controlling means. 2,549,167, Apr. 17.

Brubaker, Merlin M., Chadds Ford, Pa., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Linear polymeric hydroxy keto esters and preparing same. 2,557,256, June 19.

Brubaker, William, assignor to Akron Brass Manufacturing Company, Inc., Wooster, Ohio. Reattachable gasoline hose coupling. 2,541,200, Feb. 13.

Brubaker, William C., Chicago, Ill. Differential mechanism. 2,545,601, Mar. 20.

Brucar, Marcel D.: *See*—
Lauter, Werner M., and Brucar.

Bruce, Donald S., assignor to Gummed Products Company, Troy, Ohio. Making reinforced laminated material. 2,561,781, July 24.

Bruce, Donald S., and H. L. Heise, assignors to Gummed Products Company, Troy, Ohio. Adhesive of water remoistenable type from lignin sulfonic acid and polyvinyl alcohol and process involved in its preparation and use. 2,544,585, Mar. 6.

Bruce, E. L., Co., assignee: *See*—
Brush, Helen P.
Lyons, Frank H.

Bruce, Everett A., Paoli, assignor to The Pennsylvania Salt Manufacturing Company, Philadelphia, Pa. Production and separation of a pentachlorophenol. 2,563,815, Aug. 14.

Bruce, William F.: *See*—
Opie, Joseph W., Seifter, Bruce, and Mueller.

Bruce, William F., Havertown, and J. Seifter, Willow Grove, assignors to Wyeth Incorporated, Philadelphia, Pa. Substituted glycinamides. 2,548,863, Apr. 17.

Bruce, William F., Haverton, and J. Seifter, Willow Grove, assignors to Wyeth Incorporated, Philadelphia, Pa. Substituted glycinamides. 2,568,141, Sept. 18.

Bruce, William F., Haverton, and J. Seifter, Willow Grove, assignors to Wyeth Incorporated, Philadelphia, Pa. Aryl-glycinedialkylamides. 2,568,142, Sept. 18.

Bruchet, Irvine A., Lethbridge, Alberta, Canada. Adjustable tubular metal school desk and seat. 2,559,396, July 3.

Bruck, Henri, Paris, France, assignor to Compagnie Generale de Telegraphie Sans Fil. Electronic lens for microscopes. 2,554,170, May 22.

Bruck, Henri, Paris, France, assignor to Compagnie Generale de Telegraphie Sans Fil. Voltage divider for variable magnification electron microscopes. 2,568,112, Sept. 18.

Bruckart, Harry M., Rochester, N. Y., assignor to Stromberg-Carlson Company. Telephone intercept system. 2,542,749, Feb. 20.

Brucker, Milton, Los Angeles, Calif. Mold for heat curing thermosetting resins. 2,579,898. Dec. 25.

Bruckman, William C.: *See*—
Bean, Morris, Touchman, and Bruckman.

Bruder, Samuel M., Benton Harber, Mich. Telephone cabinet. 2,558,536, June 26.

Bruderlin, Henry H., Venice, Calif. Magnetic phonograph pickup head with two pairs of pole pieces. 2,554,696, May 29.

Brueckman, Edward G., Detroit, Mich. Boat launching and loading trailer. 2,558,418, June 26.

Brueckner, Herbert, assignee: *See*—
Esley, Wayne B.

Bruel, André A. L., Paris, France. Helicopter with automatic antitorque vane. 2,547,255, Apr. 3.

Bruell Products Company, assignee: *See*—
Benedict, Fremont W.

Bruestle, Carl O., Rahway, assignor to Syncro Machine Company, Perth Amboy, N. J. Continuous wire drawing machine. 2,557,215, June 19.

Bruet, Henri R., Neuilly-sur-Seine, assignor of one-half to Etablissements A. Cazeneuve, La Plaine-Saint-Denis (Seine), France. Safety device for protecting the dead centers of machine tools. 2,573,696, Oct. 23.

Bruflat, Ragnar A., Barneveld, Iowa. Gravity actuated guide for farm machines. 2,555,954, June 5.

Brugger, Delwin A., Los Angeles, Calif. Device for forming flexible packing and cushioning elements. 2,537,026, Jan. 9.

Brügger, Rudolf, assignor to Uhrensteinfabrik Brügger & Cie, Frutigen, Switzerland. Machine for the automatic application of unpierced bearing stones to carrier members. 2,553,808, May 22.

Brugger, Ward V., Nichols, Wis. Safety switch for motor vehicles. 2,553,892, May 22.
Bruhn, Claus F., Danvers, Minn. Vehicle spring adjuster. 2,567,594, Sept. 11.
Bruins, Richard W., and W. F. Hunter, Jr., assignors to Eastman Kodak Company, Rochester, N. Y. Preparing a viscous cellulose acetate solution. 2,541,012, Feb. 13.
Bruker, Hobart W., assignor to George W. Swift, Jr. Inc., Bordentown, N. J. Corrugating machine guide structure. 2,542,230, Feb. 20.
Brumbaugh, Chester C., Painesville, assignor to Diamond Alkali Company, Cleveland, Ohio. Purifying alkali metal hydroxides. 2,562,169, July 31.
Brumbaugh, Harold C., assignor of one-third to M. E. Krueger, and one-third to H. Heltzel, Portland, Oreg. Trailer bunk. 2,553,297, May 15.
Brumbaugh, John W.: *See*—
Moses, Douglas V., and Brumbaugh.
Brun, Max A., Rombas, and L. F. Sauvage, Homecourt, assignors to Compagnie des Forges et Acieries de la Marine et d'Homecourt (Societe Anonyme) and Societe Lorraine des Acieries de Rombas (Societe Anonyme), Paris, France. Distributing device for the charge of shaft furnaces. 2,560,844, July 17.
Brundage, Alan D., assignor to F. L. Jacobs Co., Detroit, Mich. Window regulator. 2,547,851, Apr. 3.
Brundage, Alan D., assignor to F. L. Jacobs Co., Detroit, Mich. Indexing mechanism for bottle dispensing machines. 2,549,168, Apr. 17.
Brundige, Roy S., Los Angeles, Calif. Manufacture of plywood. 2,578,781, Dec. 18.
Bruneau, Albert J., assignor to Institution Catholique des Sourdsnuets pour la Province de Quebec, Montreal, Quebec, Canada. Perfume atomizer. 2,543,829, Mar. 6.
Bruneau, Albert J., Montreal, Quebec, Canada. Razor. 2,561,610, July 24.
Brunell, Walter H., and R. D. Hand, Omaha, Nebr. Bottleholder. 2,536,419, Jan. 2.
Brunelle, Henry E., Schenectady, N. Y., and L. S. Molde, Montevideo, Minn., assignors to General Electric Company. Magneto generator. 2,553,298, May 15.
Brunengraber, Mates, Berlin-Mariendorf, Germany. Bracelet calendar. 2,559,211, July 3.
Bruner, Marvin J., assignee: *See*—
Ritter, Saul, and Bruner.
Bruner, Roy, Washington, D. C. Reflector coffee table. 2,548,586, Apr. 10.
Bruner, Rudy, New York, N. Y. Venetian blind. 2,545,568, Mar. 20.
Bruner, Rudy, New York, N. Y. Venetian blind. 2,579,137, Dec. 18.
Bruner, Walter M.: *See*—
Gresham, William F., Brooks, and Bruner.
Bruner, Walter M., and F. K. Watson, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of N-cyanomethylmorpholine. 2,570,760, Oct. 9.
Brunet, Gaston, Tournus, France. Forming tubular plastic containers. 2,562,523, July 31.
Brunetti, Joseph, assignor to Columbia Protektosite Company, Inc., Carlstadt, N. J. Toy house construction. 2,560,155, July 10.
Brungard, Guy: *See*—
Tascher, Eugene S., and Brungard.
Bruning, Charles, Company, Inc., assignee: *See*—
Arndt, John P.
Brunia, William F., Des Moines, Iowa. Sectional metal box. 2,552,400, May 8.
Bruning, Armin J., Baltimore, Md. Color comparator. 2,566,079, Aug. 28.
Bruning, Charles, Company, Inc., assignee: *See*—
Hruby, Joseph.
Brunjes, Austin S.: *See*—
Bogart, Marcel J. P., and Brunjes.
Brunn, Robert B. J., Manhasset, N. Y., assignor to Hazeltine Research, Inc., Chicago, Ill. Traffic signaling system. 2,554,893, May 29.
Brunner, Anthony T., Half Moon Bay, Calif. Stanchion. 2,537,963, Jan. 16.
Brunner, Anton J., Congress Park, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. High-pressure nozzle. 2,567,693, Sept. 11.
Brunner, Devona A., assignor of one-half to H. Brunner, Chicago, Ill. Hair wave solution receptacle. 2,546,817, Mar. 27.
Brunner, Devona A., assignor of one-half to H. Brunner, Chicago, Ill. Hairpin organizer. 2,578,223, Dec. 11.
Brunner, George V., and J. J. Gresko, assignors to Sylvania Electric Products Inc., Emporium, Pa. Base threading method and apparatus. 2,536,677, Jan. 2.
Brunner, Howard, assignee: *See*—
Brunner, Devona A.
Brunner, Richard J., Detroit, Mich., assignor to Bendix Aviation Corporation, South Bend, Ind. Carburetor. 2,568.987, Sept. 25.
Brunnzell, Fridolf H., Sundsvall, Sweden. Insulating covering. 2,575,941, Nov. 20.
Bruno, Cosimo D., Youngstown, Ohio. Cornice for window curtains. 2,565,588, Aug. 28.
Brunot, Albert W., Lynn, R. O. Fulton, Boxford, and I J. Solomon, Dorchester, Mass, assignors to General Electric Company. Automatic gauging device. 2,554,171, May 22.
Brunschwyler, John P., Welch, W. Va., assignor to Allied Chemical & Dye Corporation, New York, N. Y. Sand bin and drier. 2,552,254, May 8.
Brunson, Thayer R., assignor to Rocky Mountain Metal Products Company, Denver, Colo. Timing device for electrical circuits. 2,541,983, Feb. 20.
Brunsviga Machinenwerke Aktiengesellschaft, assignee: *See*—
Jordan, Kurt.
Neumann-Lezius, Hans, and Wilberg.
Brunswick-Balk-Collender Company, The, assignee: *See*—
Anderson, Robert I.
Hirsch, Louis.
McKenzie, Herman E.
Winkler, Wynn G., and Rewalt.
Brush, Corning S., assignor to Monnier Brothers, Inc., Algonac, Mich. Lubricator for air lines. 2,569,553, Oct. 2.
Brush, Corning S., assignor to Monnier Brothers, Inc., Algonac, Mich. Lubricator for air lines. 2,572,440, Oct. 23.
Brush Development Company, The, assignee: *See*—
Begun, Semi J.
Chambers, Lawrence B.
Christian, Dean R.
Gravley, Charles K.
Jaffe, Hans.
Jaffe, Hans, Brazis, and Kjellgren.
Kornei, Otto.
Lynch, Thomas E.
Massa, Frank.
Rouse, John H.
Stoltz, James F.
Williams, Alfred L. W.
Williams, Alfred L. W., and Begun.
Brush, Helen P., Painesville, Ohio, assignor, by mesne assignments, to E. L. Bruce Company, Memphis, Tenn. Self-polishing wax composition. 2,536,349, Jan. 2.
Bruson, Herman A., Shaker Heights, assignor to Industrial Rayon Corporation, Cleveland, Ohio. Wet extrusion of acrylonitrile polymers. 2,570,200, Oct. 9.
Bruson, Herman A., Shaker Heights, and G. S. Hooper, Bay Village, assignors to Industrial Rayon Corporation, Cleveland, Ohio. Acrylonitrile polymer spinning. 2,570,201, Oct. 9.
Brusse, Archie B., assignor to Rocky Mountain Metal Products Co., Denver, Colo. Orthodontic appliance. 2,548,864, Apr. 17.
Brussell, Jacob, New York, N. Y. Multiple needle sewing machine. 2,563,916, Aug. 14.
Brust, Erich, Norwood, N. J. Animal trap. 2,544,295, Mar. 6.
Brutsch & Co., assignee: *See*—
Sutter, Hans.
Bruynes, Hendrik, Hartford, assignor to United Aircraft Corporation, East Hartford, Conn. Fluid mixing device. 2,558,816, July 3.
Bruzau, Marie, and C. Meuleau, Paris, France, assignors to International Standard Electric Corporation, New York, N. Y. Monopotassium phosphate piezoelectric crystals. 2,575,511, Nov. 20.
Bruzdoski, Constance J.: *See*—
Buckingham, William D., and Bruzdoski.
Bryan, Carroll W., Dallas, Tex. Hydraulic wheel jack. 2,541,494. Feb. 13.
Bryan, Carroll W., assignor of one-half to S. A. Wier, Dallas, Tex. Surface conditioning tool. 2,549,570, Apr. 17.
Bryan, Ernest A., Bexley, assignor to Siemens Brothers & Company Limited, London, England. Rotary selective switch. 2,568,050, Sept. 18.
Bryan, Ernest A., Bexley, assignor to Siemens Brothers & Company Limited, London, England. Oscillating step motor. 2,570,518, Oct. 9.
Bryan, Floyd E., Venice, and W. F. Gunning, Los Angeles, assignors to Douglas Aircraft Company, Inc., Santa Monica, Calif. Electronic control device. 2,545,257, Mar. 13.
Bryan, Harry F., Chicago, Ill., assignor to International Harvester Company. Resiliently mounted operator's station for tractors. 2,558,928, July 3.
Bryan, James D., Cambridge, and M. A. Starr, Belmont, Mass., assignors, by mesne assignments, to the United States of America as represented by the Secretary of War. Marker circuit. 2,543,434, Feb. 27.
Bryan, Joe E., O. E. Bryan, and V. B. Crews, Plant City, Fla.; said O. E. Bryan assignor to said J. E. Bryan and said V. B. Crews. Horizontally swinging barber rest. 2,554,852, May 29.
Bryan, John W., Traphill, N. C. Folding leg serving tray. 2,557,594, June 19.
Bryan, Lloyd, Bartlesville, Okla., assignor to California Research Corporation, San Francisco, Calif. Field mold for coating pipes. 2,554,453, May 22.
Bryan, Oather E.: *See*—
Bryan, Joe E., O. E., and Crews.
Bryan, Ralph D., La Grange, Ill. Resilient side bearing. 2,547,852, Apr. 3.
Bryan, Richard C.: *See*—
Lucas, Glennard R., and Bryan.
Bryan, Thomas E., Fort Worth, Tex. Fluid lift control valve for oil wells. 2,541,807, Feb. 13.

Bryant, Albert H., Floyds Knobs, Ind. Golf club indicator. 2,546,426, Mar. 27.
Bryant, Aloysius J., administrator: *See*—
Hultquist, Martin E., and Subbarow.
Bryant, Austin U., Berkeley, Calif. Liquid dispenser with means to vary a measured discharge. 2,576,747, Nov. 27.
Bryant Chucking Grinder Company, assignee: *See*—
Arms, Merton H.
Arms, Merton H., and Grobey.
Bryant, William J., and Ljunggren.
Cornell, Elton S.
Day, Bernard C.
Demuth, Galan W.
Ljunggren, Thor H., and Johnson.
Bryant, Corwin W., Downers Grove, assignor to Crane Co., Chicago, Ill. Adjustable cam. 2,573,638, Oct. 30.
Bryant, Cyril W., assignee: *See*—
Bryant, Elmer H.
Bryant, Edmond V., Cleveland, Ohio. Snow, ice, and frost shield for windshields. 2,558,817, July 3.
Bryant Electric Company, The, assignee: *See*—
Seim, Harry E.
Bryant, Elmer H., assignor of one-half to C. W. Bryant, Oklahoma City, Okla. Tenoner. 2,547,807, Apr. 3.
Bryant, George F., Chicago, and R. C. Bryant, Oak Park, Ill. Expanding mandrel. 2,548,096, Apr. 10.
Bryant, Glenn D., Strakville, Miss., assignor to The Apex Electrical Manufacturing Company, Cleveland, Ohio. Washing machine. 2,574,617, Nov. 13.
Bryant, Leland A., Beverly Hills, Calif. Universal panel mastering fixture. 2,577,509, Dec. 4.
Bryant, Novis E., Roswell, N. Mex. Machine for stamping articles. 2,551,092, May 1.
Bryant, Ozro N.: *See*—
Schwendner, Anthony F., and Bryant.
Bryant, Ozro N., Prospect Park, and M. Gottlieb, Philadelphia, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Regulating apparatus for extraction turbines. 2,552,401, May 8.
Bryant, Otis F., Bismarck, N. Dak. Mileage device. 2,575,547, Nov. 20.
Bryant, Ray K., Liberty, S. C. Double-acting bench plane. 2,550,766, May 1.
Bryant, Raymond C.: *See*—
Bryant, George F. and R. C.
Bryant, Robert M., Baltimore, Md. Calendar. 2,549,418, Apr. 17.
Bryant, Thomas J., Toronto, Ontario, Canada. Snow melter. 2,565,589, Aug. 28.
Bryant, William J., and T. H. Ljunggren, assignors to Bryant Chucking Grinder Company, Springfield, Vt. High-speed rotor mounting. 2,550,908, May 1.
Bryant, William K., Honesdale, Pa. Folding pocket seat. 2,567,595, Sept. 11.
Bryce, Allan E., Providence, R. I. Slide fastener for detachably attaching buttons to fabric and the like. 2,574,014, Nov. 6.
Bryce, James W., Glen Ridge, N. J., and J. N. Wheeler, Hawthorne, assignors to International Business Machines Corporation, New York, N. Y. Combined typewriter and computing machine with accumulators of the relay type. 2,551,093, May 1.
Bryce, James W., Glen Ridge, N. J., and J. N. Wheeler, Hawthorne, assignors to International Business Machines Corporation, New York, N. Y. Punching strip material. 2,551,094, May 1.
Bryce, James W., Glen Ridge, N. J., and R. T. Blakely, Amityville, assignors to International Business Machines Corporation, New York, N. Y. Pattern component emitter. 2,553,170, May 15.
Bryce, John T., Park Ridge, Ill. Radiator. 2,573,539, Oct. 30.
Bryce, Robert M., assignor to M. Friend, Los Angeles, Calif. Wind deflector. 2,573,396, Oct. 30.
Bryce, Robert S., assignor to Eastman Kodak Company, Rochester, N. Y. Bichromate sensitized photographic materials. 2,544,877, Mar. 13.
Brychta, Fred: *See*—
Dusinberre, David W., and Brychta.
Brydges, De Witt E., assignee: *See*—
Vassar, Archie W.
Bryner, Joseph S.: *See*—
Kihlgren, Theodore E., and Bryner.
Bryngelson, Ross, Omaha, Nebr. Device for aiding in chart making. 2,556,518, June 12.
Bryson, Henry K., Vienna, Va. Swinging door fixture. 2,555,783, June 5.
Bryzek, Carl M., assignor to Cerc Reamer Co., Chicago, Ill. Expansible bracelet. 2,575,207, Nov. 13.
Brzozowski, Witold, Westmount, Montreal, Quebec, Canada, assignor to S. Czarnecki, Walden, N. Y. Rotor and rotor blade control apparatus for helicopters. 2,560,682, July 17.
Bua, Tony, Brooklyn, N. Y. Detachable means for combination bed structures. 2,544,132, Mar. 6.
Bub, Robert A., assignor to Mine Safety Appliances Company, Pittsburgh, Pa. Combination welder's face shield and helmet. 2,578,171, Dec. 11.
Bubar, Herbert W., Toronto, Ontario, Canada. Key for rolling collapsible tubes. 2,536,427, Jan. 2.
Bubble Gun, Inc., assignee: *See*—
Limber, Nicholas J.
Bubeck, Jeannette W., Los Angeles, Calif. Tie-back curtain. 2,537,734, Jan. 9.
Buc, George L.: *See*—
Gabel, Joseph W., and Buc.
Buc, Saul R.: *See*—
Randall, David I., and Buc.
Buc, Saul R., Easton, Pa., and E. E. Renfrew, Phillipsburg, N. J., assignors to General Aniline & Film Corporation, New York, N. Y. 1-hydroxy-4-(6′-benzodioxan-1′, 3′) amino anthraquinone. 2,546,121, Mar. 20.
Bucatinsky, Jacobo: *See*—
Calles, Isaac, and Bucatinsky.
Buchal, Werner: *See*—
White, Zebulon L., and Buchal.
Buchalter, Charles, New York, N. Y. Geometrical and centering device. 2,540,861, Feb. 6.
Buchan, Rudolph C., Houston, Tex., assignor, by mesne assignments, to Standard Oil Development Company, Elizabeth, N. J. Preventing corrosion in wells. 2,560,331, July 10.
Buchanan, Charles S. W., assignor to American Viscose Corporation, Wilmington, Del. Twist direction finder. 2,554,518, May 29.
Buchanan Electrical Products Corporation, assignee: *See*—
Buchanan, Stephen N.
Buchanan, George R., Jr., Afton, assignor to Monsanto Chemical Company, St. Louis, Mo. Heat stabilized polyvinyl chloride compositions. 2,542,179, Feb. 20.
Buchanan, J. D., Burbank, Calif. Four-way valve. 2,569,598, Oct. 2.
Buchanan, James R., Manchester, England. Means for article holders and mounting means therefor. 2,561,611, July 24.
Buchanan, Leslie B. M., Springfield, Mass., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Variable displacement pump control mechanism. 2,550,966, May 1.
Buchanan, Lloyd A., Panama City, Fla., assignor to one-tenth to J. B. Newman, Opelika, Ala., and nine-tenths to G. T. Bodiford. Automatic gasoline hose measuring cutoff nozzle. 2,557,336, June 19.
Buchanan, Robert F., Denver, Colo. Mold for and method of making drainpipe splash blocks. 2,571,417, Oct. 16.
Buchanan, Robert L., Cranford, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparing titanium dioxide. 2,541,495, Feb. 13.
Buchanan, Stephen N., Elizabeth, N. J., assignor to Aircraft-Marine Products, Inc., Harrisburg, Pa. Swaged electrical connection. 2,554,813, May 29.
Buchanan, Stephen N., Westmoreland Hills, Md., assignor to Buchanan Electrical Products Corporation, Elizabeth, N. J. Wire splice connector. 2,560,683, July 17.
Buchanan, Thomas H., Steubenville, Ohio. Finger guard for clothes wringers. 2,545,569, Mar. 20.
Buchanan, Webb H., Texarkana, Tex. Sacroiliac spinal and visceral adjusting table. 2,565,019, Aug. 21.
Buchdahl, Rolf, Longmeadow, Mass., and J. G. Curado, Rutherford, N. J., assignors to Sun Chemical Corporation, New York, N. Y. Viscosimeter. 2,553,844, May 22.
Bucher, Thomas T. N., Moorestown, N. J., assignor to Radio Corporation of America. Diversity system. 2,572,912, Oct. 30.
Buchert, Jacob: *See*—
Hollmeyer, Thomas J., and Buchert.
Buchet, Conrad R.: *See*—
Lansdale, William M., and Buchet.
Büchi, Alfred, Winterthur, Switzerland. Valve-controlled four-stroke cycle internal-combustion engine. 2,571,535, Oct. 16.
Buchi, Alfred, Winterthur, Switzerland. Cooling device for radial gas turbines. 2,577,179, Dec. 4.
Buchi, Alfred, Winterthur, Switzerland. Friction gear. 2,577,180, Dec. 4.
Buchholz, Arnold R., W. H. Sprenger, and O. E. Hoffman, assignors to Brandt Automatic Cashier Company, Watertown, Wis. Coin handling machine. 2,547,563, Apr. 3.
Buchholz, Herman, Long Beach, Calif. Property line fence construction. 2,546,494, Mar. 27.
Buchhorn, Fred, Jackson Heights, N. Y. Liquid cooling device. 2,554,322, May 22.
Buchmann, Fred J.: *See*—
Sumerford, Simpson D., and Buchmann.
Buchmann, Fred J., and A. Voorhies, Jr., Baton Rouge, La., assignors to Standard Oil Development Company. Low-pressure hydrocarbon synthesis process. 2,552,308, May 8.
Büchner, Karl, Duisburg-Hamborn, Germany. Production of potassium carbonate. 2,544,748, Mar. 13.
Buchwald, Charles E.: *See*—
Briganti, Anthony H., and Buchwald.
Buck, Allen C., New Brunswick, and J. F. Conlon, Metuchen, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Coating compositions and applying same to glass. 2,569,920, Oct. 2.
Buck, Alvin J., Elkhart, Ind. Armrest for automobiles and trucks. 2,567,840, Sept. 11.
Buck, Charles E.: *See*—
Short, Brooks H., and Buck.
Buck, Clarence N., Chicago, Ill. Nail puller. 2,570,914, Oct. 9.

Buck, Clarence N., Mount Prospect, Ill. Nail puller. 2,570,915, Oct. 9.
Buck, Gordon F., Glencoe, Ill. Set of game pieces. 2,571,195, Oct. 16.
Buck, Homer G., Los Angeles, Calif., assignor to By-Buk Company. Preformed sign unit. 2,559,756, July 10.
Buck, James A., assignee: *See*—
Motel, John.
Buck, Norman, Seattle, Wash. Springboard. 2,546,151, Mar. 27.
Buck, Richard S., Glastonbury, assignor to United Aircraft Corporation, East Hartford, Conn. Turbine blade mounting. 2,553,078, May 15.
Buck, Russell E., assignor to Buck Tool Company, Kalamazoo, Mich. Dowel cutter. 2,556,415, June 12.
Buck Tool Company, assignee: *See*—
Buck, Russell E.
Buckbee, John A., Fort Wayne, Ind., assignor, by mesne assignments to Farnsworth Research Corporation. Frequency divider. 2,562,889, Aug. 7.
Buckbee, John A., Wellesley, Mass., and A. E. Falk, Fort Wayne, Ind., assignors, by mesne assignments, to Farnsworth Research Corporation. Control system for directive device. 2,579,471, Dec. 25.
Buckbee-Mears Company, assignee: *See*—
Mears, Norman B., and Holsapple.
Buckels, Chris C., assignor to H. Hildebrandt, Chicago, Ill. Junction box. 2,556,061, June 5.
Bücken, Hans E., assignor to National Rubber Machinery Company, Akron, Ohio. Extrusion apparatus. 2,574,907, Nov. 13.
Buckendale, Lawrence R., assignor to The Timken-Detroit Axle Company, Detroit, Mich. Collars to prevent broken axle shaft fragments entering axle center section. 2,546,969, Apr. 3.
Buckendale, Lawrence R., assignor to The Timken-Detroit Axle Company, Detroit, Mich. Drive axle. 2,557,937, June 26.
Buckendale, Lawrence R., assignor to The Timken-Detroit Axle Company, Detroit, Mich. Brake adjustment. 2,560,551, July 17.
Buckendale, Lawrence R., assignor to The Timken-Detroit Axle Company, Detroit, Mich. Conical truss differential case. 2,561,335, July 24.
Buckendale, Lawrence R., assignor to The Timken-Detroit Axle Company, Detroit, Mich. Fluted axle housing. 2,569,452, Oct. 2.
Buckeye Cotton Oil Company, assignee: *See*—
Rogers, Linwood N., Mueller, and Hembree.
Rowe, Stewart.
Buckeye Cotton Oil Company, The, assignee: *See*—
Folzenlogen, Robert G.
Buckeye Laboratories Corporation, The, assignee: *See*—
Egger, Charles J., and Webster.
Buckeye Steel Castings Company, The, assignee: *See*—
Orr, Claude L.
Orr, Claude L., and Settles.
Settles, James C.
Settles, James C., and Orr.
Settles, James C., and Wege.
Stertzbach, Harry W.
Wolfe, Harry H.
Buckham, Charles W., Scarsdale, N. Y. Carrier for photographic sensitized sheet material. 2,538,666, Jan. 16.
Buckholdt, Robert E., assignor to The Salem Engineering Company, Salem, Ohio. Gaseous fuel burner for furnace walls. 2,571,336, Oct. 16.
Buckingham, Buhel B., and R. K. Viles, Minneapolis, Minn. Power lawn mower. 2,545,647, Mar. 20.
Buckingham, Charles T., Marion, Pa. Circumcision clamp. 2,561,176, July 17.
Buckingham, Donald F., Oak Park, Ill. Composing type lines for reproduction. 2,539,609, Jan. 30.
Buckingham, William D.: *See*—
Seabury, Donald S., Buckingham, and Deibert.
Buckingham, William D., Southampton, assignor to The Western Union Telegraph Company, New York, N. Y. Concentrated arc discharge device. 2,541,028, Feb. 13.
Buckingham, William D., Southampton, assignor to The Western Union Telegraph Company, New York, N. Y. Concentrated arc lamp. 2,543,227, Feb. 27.
Buckingham, William D., Southampton, and C. J. Bruzdoski, Water Mill, assignors to The Western Union Telegraph Company, New York, N. Y. Electric switch. 2,564,877, Aug. 21.
Bucklus, Albert O., assignor to National Malleable and Steel Castings Company, Cleveland, Ohio. Dust guard for journal boxes. 2,564,095, Aug. 14.
Buckland, Bruce O., Schenectady, N. Y., assignor to General Electric Company. Combustor with sectional housing and liner. 2,547,619, Apr. 3.
Buckland, Bruce O., Schenectady, N. Y., assignor to General Electric Company. Purging arrangement for gas turbine fuel systems. 2,551,241, May 1.
Buckle, Richard H., executor: *See*—
Armitage, Frank, Cottrell, and Hewitt.
Wakeford, Leslie E., and Hewitt.
Bucklen, Herbert E., III, and G. L. Weimer, assignors to Durakool, Inc., Elkhart, Ind. Mercury switch and relay. 2,570,095, Oct. 2.
Buckley, Arthur H., Chicago, Ill., assignor to George Gorton Machine Co., Racine, Wis. Record forming, translating and printing apparatus, and automatic control mechanisms therefor. 2,543,435, Feb. 27.
Buckley, Arthur H., Chicago, Ill., assignor to George Gorton Machine Company, Racine, Wis. Selection method and apparatus. 2,554,853, May 29.
Buckley, Charles W., and E. P. Bailey, assignors to Wright Machinery Company, Durham, N. C. Method and apparatus for making containers. 2,568,382, Sept. 18.
Buckley, Daniel J., Canton, Mass. Material storage rack. 2,539,809, Jan. 30.
Buckley, Ernest: *See*—
Roberts, Clarence F., and Buckley.
Buckley, Eugene W., Pembroke, Ky. Automatic vehicle hitch. 2,556,748, June 12.
Buckley, Gerard D., and N. H. Ray, Northwich, England, assignors to Imperial Chemical Industries Limited. Manufacture of polymeric ureas. 2,550,767, May 1.
Buckley, Thomas A., Longmeadow, assignor to Buxton, Incorporated, Springfield, Mass. Detachable loop-type key holder for key cases. 2,550,135, Apr. 24.
Buckley, Thomas C., Wichita, Kans. Chiropractic adjustment table. 2,571,829, Oct. 16.
Buckley, William L.: *See*—
Holleron, William K., and Buckley.
Buckley, William L., and J. Swoboda, Victoria, Tex. Mud driven apparatus for treating mud. 2,555,314, June 5.
Buckman, Alfred F.: *See*—
Budner, Anton E., Buckman, and Rendall.
Buckman, Alfred F., Jr., assignor to S. C. Johnson & Son, Inc., Racine, Wis. Refining of vegetable wax powder. 2,540,978, Feb. 6.
Buckman, Herbert S., assignee: *See*—
Weston, Roy.
Buckman, Jacob, New York, N. Y. Cloth roll holder. 2,554,812, May 29.
Buckmann, John P., Redondo Beach, assignor to Union Oil Company of California, Los Angeles, Calif. Pest control using a sulfurized halogenated petroleum distillate. 2,573,953, Nov. 6.
Buckmaster, James L.: *See*—
Lewis, James G., and Buckmaster.
Bucknam, James H.: *See*—
Bludeau, Robert E., and Bucknam.
Bucknam, James H., Cranford, and J. H. Rountree, Plainfield, N. J., assignors, by mesne assignments, to Union Carbide and Carbon Corporation. Machine for severing and shaping metal plates. 2,571,196, Oct. 16.
Buckner, Clarence R., Portland, Oreg. Holder for toothbrushes and paste tubes. 2,572,697, Oct. 23.
Buckner, Lewis H.: *See*—
Johnson, William J., and Buckner.
Buckner, Thomas A., Jr., assignee: *See*—
Martin, George K., and M. M.
Buckner, William H., Starkville, Miss., assignor to Talladega Foundry and Machine Company, Talladega, Ala. Bunch building mechanism for spinning or winding machines. 2,574,015, Nov. 6.
Buckwalter, Frank H., Dewitt, assignor to Bristol Laboratories, Inc., Syracuse, N. Y. 1,1,diphenyl-3(n-piperidyl propane salts of penicillin. 2,578,651, Dec. 18.
Bucky, Gustav, New York, N. Y. Exposure indicator and field determinator for X-ray apparatus. 2,556,866, June 12.
Bucky, Philip B., Larchmont, N. Y. Mining method. 2,536,869, Jan. 2.
Bucsko, Eugene J., and V. T. Wedrite, Pontiac, Mich. Wall finish grooving tool. 2,561,336, July 24.
Bucyrus-Erie Company, assignee: *See*—
Alexander, James B.
Davidson, Trevor O.
Davidson, Trevor O., and Lonngren.
Hoar, Sherman, and Thierry.
Lonngren, Bruno L.
Mork, George W.
Reischl, Karl E.
Thierry, John A.
Buda Company, The, assignee: *See*—
Guerasimoff, Constantine N.
Richards, Dwight.
Budd, Chester B., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Shrinkometer. 2,552,085, May 8.
Budd Company, The, assignee: *See*—
Burton, John E.
Burton, John E., and Callender.
Callender, Edwin M.
Coombes, Joseph H.
Dean, Albert G.
Dean, Walter B., and Theriault.
Eksergian, Carolus L.
Eksergian, Carolus L., and Watter.
Flacke, Henry C.
Fike, Charles L.
Lyon, John C.
Mayer, John J.
Mayer, John J., and Dean.
Patton, John W.
Theriault, Raymond J.
Watter, Michael.
Budd, Robert D., Denver, Colo, assignor to Goodman Manufacturing Company, Chicago, Ill. Articulated connection for shaker conveyers. 2,537,964, Jan. 16.

Budde, Frederick, Brooklyn, N. Y., assignor, by mesne assignments, to Bell & Howell Company, Chicago, Ill. Apparatus for photographically recording documents or the like. 2,557,026, June 12.

Budenbom, Horace T., Short Hills, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Composite scanning system for object location. 2,556,673, June 12.

Buder, Spurgeon H.: *See*—
Greenleaf, Francis D., Seeberger, and Buder.

Budish, Melvin, Worcester, Mass. Manufacture of false teeth. 2,566,652, Sept. 4.

Budlane, Stanley J., assignor to Motorola, Inc., Chicago, Ill. Fuel valve device. 2,572,441, Oct. 23.

Budlong, Robert D., Chicago, Ill. Matchbox and ash receptacle. 2,557,812, June 19.

Budner, Anton E., A. F. Buckman, and M. M. Rendall, assignors to S. C. Johnson & Son, Inc., Racine, Wis. Composition for treating mineral wool. 2,543,487, Feb. 27.

Budnick, Jack, assignee: *See*—
French, Aaron R.

Budnick, Meyer, assignee: *See*—
French, Aaron R.

Buechler, George F., Detroit, Mich. Tire handling device. 2,543,276, Feb. 27.

Buechler, John H., Chicago, Ill. Rubber heel. 2,548,194, Apr. 10.

Buechler, Lester W., Hyattsville, Md. Frequency control system. 2,558,729, July 3.

Buechner, William W.: *See*—
Van de Graaff, Robert J., and Buechner.

Buecken, Hans E., and E. E. Heston, assignors to National Rubber Machinery Company, Akron, Ohio. Extrusion. 2,541,201, Feb. 13.

Buegeleisen, Jos., Co., assignee: *See*—
Ashdowne, James S.

Buegeleisen, Joseph, Co., Inc., assignee: *See*—
Ashdowne, James S.

Buehler, Arthur: *See*—
Widmer, Willi, and Buehler.
Kaiser, Otto, Widmer, Buehler, and Zickendraht.

Buehler, Emil, North Haledon, N. J., assignor to American Aerovap, Inc., New York, N. Y. Vapor dispenser. 2,540,095, Feb. 6.

Buehler, Ernest, Chatham Township, Morris County, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Pressure bomb for chemical and physical reactions. 2,547,521, Apr. 3.

Buehler, Maynard P., Oakland, Calif. Gun sight. 2,575,653, Nov. 20.

Buehrig, Gordon M., South Bend, Ind. Vehicle top construction. 2,556,062, June 5.

Buel Metals Company, assignee: *See*—
Trask, Harold V.

Bueler, Anton, Schwyz, Switzerland. Ski reclining seat. 2,547,073, Apr. 3.

Buell, Albert H., Erie, Pa. Leveling device. 2,566,481, Sept. 4.

Buell, Leslie A., Holly, Mich. Heating system. 2,544,981, Mar. 13.

Buell, Olive L., assignee: *See*—
Arseneault, James R.

Buell, Paul W., assignor to Point-O-Matic Pencil Co., Inc., Elmira, N. Y. Telescoping pencil. 2,571,830, Oct. 16.

Buell, Roy D., assignee: *See*—
Simmons, Oliver H.

Buell, Young K., New York, N. Y., assignor to R. M. Hilliard, as Commissioner of Welfare of the City of New York. Bulkhead door structure. 2,576,387, Nov. 27.

Buen, Anders A., Ovre Jondalen, near Kongsberg, Norway. Templet-guided cutter for shaping log ends. 2,558,036, June 26.

Buensod, Alfred C., assignor to Buensod-Stacey, Inc., New York, N. Y. Humidity control. 2,562,375, July 31.

Buensod-Stacey, Inc., assignee: *See*—
Buensod, Alfred C.
Lyman, Samuel.
Merwin, Owne T.

Buerger, Martin J., Lincoln, and E. Washken, Cambridge, Mass., assignors to Owens-Illinois Glass Company, Toledo, Ohio. Cementing plastically deformable bodies and products thereof. 2,548,344, Apr. 10.

Buescher Band Instrument Company, assignee: *See*—
Comer, Floyd E.

Buffalo Brake Beam Company, assignee: *See*—
Busch, Charles R.

Buffalo-Eclipse Corporation, assignee: *See*—
Yoder, Howard D.

Buffalo Electro-Chemical Company, Inc., assignee: *See*—
Dawsey, Lynn H., Muehlhausser, and Umhoefer.

Buffalo Electronics Corporation, assignee: *See*—
Waters, Edward C., and McCullough.

Buffalo Forge Company, assignee: *See*—
Criqui, Albert E.

Buffalo Pottery, Inc., assignee: *See*—
Gould, Robert E.

Buffalo Turbine Corporation, assignee: *See*—
Sawyer, James G.

Buffalo Wire Works Co., Inc., assignee: *See*—
Scheeler, Charles A.

Buffin, Willard P., Richmond, Va. Garment hanger. 2,563,704, Aug. 7.

Buffle, Jean P., assignor to Services Industriels de Geneve, Geneva, Switzerland. Filtering apparatus for liquids. 2,559,936, July 10.

Buford, William J., Houston, Tex. Safety flush valve. 2,561,337, July 24.

Bugbee and Niles Company, assignee: *See*—
Feid, Charles.

Bugenhagen, George H., Midland, Mich. Refrigerator having a vertically movable shelf section. 2,563,208, Aug. 7.

Bugg, Kenly C., assignor to HBN Company, Inc., Fort Wayne, Ind. Tensioning device. 2,552,086, May 8.

Bugg, Kenly C., Fort Wayne, Ind., assignor, by mesne assignments, to Farnsworth Research Corporation. Record changer. 2,568,716, Sept. 25.

Buggie, H. H., & Company, assignee: *See*—
Melcher, Robert J.
Peeps, George A., Jr., and Melcher.

Bugh, Orva E., Elkhart, Ind. Road sign. 2,541,460, Feb. 13.

Bugno, Zygmund, Chicago, Ill. Drainpipe valve. 2,545,192, Mar. 13.

Buhayar, Eric S., Berea, Johannesburg, Transvaal, Union of South Africa. Jointing means for pipes and couplings and the like. 2,562,014, July 24.

Buhl, Helen A., and W. E. Buhl, Jr., assignors of one-third to C. B. Spangenberg, Chicago, Ill. Child's glove. 2,549,660, Apr. 17.

Buhl, Walter T.: *See*—
Heintz, Ralph M., and Buhl.

Buhl, William E., Jr.: *See*—
Buhl, Helen A. and W. E.

Buhler, Eugen, Poughkeepsie, assignor to International Business Machines Corporation, New York, N. Y. Horizontal and vertical spacing mechanism for Chinese typewriters. 2,555,729, June 5.

Buhler, Gebruder, assignee: *See*—
Tanner, Fritz.

Buhs, Rudolf P., Rahway, and N. R. Trenner, Westfield, assignors to Merck & Co., Inc., Rahway, N. J. Penicillin-diisopropylether complex and preparation thereof. 2,538,081, Jan. 16.

Buicke, Harold C., North Tonawanda, N. Y. Holder for leader lines. 2,574,908, Nov. 13.

Builders Iron Foundry, assignee: *See*—
Thoresen, John C.

Buisman, Jan A. K., Eindhoven, Netherlands, assignor to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Preparing 7-dehydrosterols and esters. 2,579,295, Dec. 18.

Buitenhuis, Cornelis H.: *See*—
Horowitz, Alexandre, and Buitenhuis.

Buivid, Michel D., Milford, assignor to United Aircraft Corporation, East Hartford, Conn. Helicopter control. 2,538,082, Jan. 16.

Buivid, Michel D., Milford, assignor to United Aircraft Corporation, East Hartford, Conn. Folding rotor blade. 2,549,886, Apr. 24.

Buivid, Michel D., Milford, assignor to United Aircraft Corporation, East Hartford, Conn. Centrifugally controlled coning lock for bladed rotors. 2,549,887, Apr. 24.

Buivid, Michel D., Milford, assignor to United Aircraft Corporation, East Hartford, Conn. Damper for rotary wing aircraft. 2,554,774, May 29.

Bujjoni, George F., Jersey City, N. J. Reversible bench. 2,557,595, June 19.

Bulger, Joseph H., Los Angeles, Calif. Guide for can opening key and tear strip. 2,542,116, Feb. 20.

Bulifant, Theodore A., Hackensack, N. J., assignor to Allied Chemical & Dye Corporation, New York, N. Y. Compounding vulcanizable elastomers employing bitumen softeners and resultant vulcanizates. 2,540,651, Feb. 6.

Bulk Barites, Inc., assignee: *See*—
Kane, Arthur R.

Bull, Almond D., Woodward, Okla. Automatic recording infiltrometer. 2,540,096, Feb. 6.

Bull, Cabot S., Hillingdon, assignor to Electric & Musical Industries Limited, Hayes, Middlesex, England. Circuit arrangement embodying electron discharge device employing hollow resonator. 2,571,676, Oct. 16.

Bull, Cabot S., Hillingdon, assignor to Electric & Musical Industries Limited, Hayes, Middlesex, England. Secondary-electron-emitting discharge device. 2,579,786, Dec. 25.

Bull, Jonas, assignee: *See*—
Holm, Gunnar.

Bullard, Calvin P.: *See*—
Burke, Stanley A., Hansen, and Bullard.

Bullard Clark Company, The, assignee: *See*—
Moe, J. Edgar.

Bullard Company, The, assignee: *See*—
Bullard, Edward P., III.
Bullard, Edward P. and E. P., III, Appelberg, Bjorklund, Cowell, Grinage, Johnson, Lange, and Mussler.
Bullard, Robinson D., Sherwood, and Geist.

Bullard, E. D., Company, assignee: *See*—
Ruggiero, Alfred J.

Bullard, Earl J., Altadena, Calif. Lapping machine. 2,565,590, Aug. 28.

Bullard, Edward P. and E. P., III, Fairfield, G. R. Appelberg and E. G. Bjorklund, Bridgeport, E. N. Cowell, Stratford, C. M. Grinage, E. H. Johnson, and P. H. Lange, Bridegport, and F. H. Mussler, Stratford, Conn., assignors to The Bullard Company. Machine tool. 2,540,186, Feb. 6.
Bullard, Edward P., III: *See*—
Bullard, Edward P. and E. P., III, Appelberg, Bjorklund, Cowell, Grinage, Johnson, Lange, and Mussler.
Bullard, Edward P., III, Fairfield, Conn., assignor to The Bullard Company. Mechanical movement. 2,536,624, Jan. 2.
Bullard, Edward P., III, Fairfield, Conn., assignor to The Bullard Company. Control. 2,574,687, Nov. 13.
Bullard, Edward P., III, Fairfield, and C. M. Grinage, Bridgeport, Conn., assignors to The Bullard Company. Lathe control. 2,579,998, Dec. 25.
Bullard, Edwin W., Hamden, assignor to O. F. Mossberg & Sons, Inc., New Haven, Conn. Telescope sight. 2,580,280, Dec. 25.
Bullard, Robert O., Schenectady, N. Y., assignor to General Electric Company. Adjustable magnetic pressure valve. 2,575,906, Nov. 20.
Bullard, Robinson D., Greens Farms, J. H. Sherwood, and P. M. Geist, Fairfield, Conn., assignors to The Bullard Company. Control mechanism. 2,575,792, Nov. 20.
Bullard, Russell J.: *See*—
Shaw, Albert W., Bullard, and Claire.
Bulldog Electric Products Company, assignee: *See*—
Davis, Russell S.
Fisher, Lawrence E.
Herrmann, John A., and Platz.
Bullen, Arthur C., San Francisco, Calif. Continuous separator. 2,546,427, Mar. 27.
Bullers Limited, assignee: *See*—
Perrins, George.
Bullitt, Orville H., Jr., Swarthmore, Pa., assignor to E. I. du Pont de Nemours and Company, Wilmington, Del. Fluorinated acyl peroxides. 2,559,630, July 10.
Bullivant, Lingham J., Zion City, Ill. Extension level. 2,551,524, May 1.
Bullman, Louis K., and S. Underwood, Norfolk, Va. Cutting torch holder. 2,542,473, Feb. 20.
Bullock, Edward A., Detroit, Mich., assignor, by mesne assignments, to National Advertising Company, Westminster, Md. Sign projection apparatus. 2,578,336, Dec. 11.
Bullock, Edward A., Detroit, and H. E. Outland, St. Clair Shores, assignors to Technical Service Incorporated, Detroit, Mich. Moving-picture sound projector. 2,575,579, Nov. 20.
Bullock, Glenn H.: *See*—
Turner, John R., and Bullock.
Bullock, William S., Atlantic City, N. J. Saxophone. 2,560,083, July 10.
Bulman, Elvah O., Grand Rapids, Mich. Paper roll holder. 2,559,937, July 10.
Bulova Watch Company, assignee: *See*—
Fachon, Emil E.
Buls, Vernon W.: *See*—
Hearne, George W., Evans, and Buls.
Morris, Rupert C., Buls, and Ballard.
Bumgardner, Vernal H., Sr., Medford, Oreg. Jar lifter. 2,564,956, Aug. 21.
Bump, Charles K., Hampden, and H. F. Park, East Longmeadow, Mass., assignors to Monsanto Chemical Company, St. Louis, Mo. Destaticizing process. 2,562,138, July 24.
Bump, Monroe J., Parma, Ohio. Dental sponge applicator. 2,568,317, Sept. 18.
Bump Pump Company, assignee: *See*—
Reed, George W.
Bumpus, Edward E., Oklahoma City, Okla. Machine for removing paint. 2,568,183, Sept. 18.
Bumstead, George N., Bethesda, Md., assignor to National Geographic Society. Box for sensitized medium used in photographic reproductions. 2,555,631, June 5.
Bunblasky, Adolph: *See*—
Helterline, Leo L., Jr., Best, and Bunblasky.
Bunblasky, Adolph, New Canaan, assignor to Sorensen & Company, Inc., Stamford, Conn. Expanded scale root mean square type voltmeter. 2,575,996, Nov. 20.
Bunce, Jerome R.: *See*—
Buttner, William C., and Bunce.
Bunce, John P., Rochester, N. Y. Shelf attachment for toasters. 2,556,520, June 12.
Bunch, George H., Statesville, N. C. Rotary fertilizer injector. 2,543,888, Mar. 6.
Bunch, Glave S., Jr., South Bend, Ind. Ash tray. 2,545,019, Mar. 13.
Bunch, Tillman T., Towson, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Chuck for use with rotary tools. 2,539,610, Jan. 30.
Bunch, Tillman T., Towson, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Braiding machine. 2,567,694, Sept. 11.
Bundick, Clarkson U.: *See*—
Goodale, Elmer D., and Bundick.
Bundy, Francis P., Alplaus, H. M. Strong, and A. B. Gregg, Jr., Schenectady, N. Y., assignors to General Electric Company. Measuring gas pressure in flames. 2,545,340, Mar. 13.
Bundy, Francis P., Alplaus, and H. M. Strong, Schenectady, N. Y., assignors to General Electric Company. Apparatus for measuring gas velocity in flames. 2,578,398, Dec. 11.
Bundy, Oswald M., assignor to The Clark Controller Company, Cleveland, Ohio. Wire-drawing machine motor control. 2,567,635, Sept. 11.
Bundy Tubing Company, assignee: *See*—
Lindsey, Richard H.
Bunish, Stephen, and H. C. Witthoft, Marion, Ind., assignors to Anaconda Wire and Cable Company. Rubber insulated power cable. 2,558,929, July 3.
Bunker, Joseph F., Rockville Centre, N. Y. Swivel knife. 2,569,286, Sept. 25.
Bunkowski, Gustav E., San Diego, Calif. Metal squid fishing lure. 2,567,180, Sept. 11.
Bunnell, Raymond H.: *See*—
Hatcher, David B., and Bunnell.
Buntin, George A., assignor to Hercules Powder Company, Wilmington, Del. Insecticidal compositions comprising chlorinated camphene. 2,565,471, Aug. 28.
Buntin, George A., assignor to Hercules Powder Company, Wilmington, Del. Chlorinated pinene insecticidal composition. 2,579,296, Dec. 18.
Buntin, George A., assignor to Hercules Powder Company, Wilmington, Del. Chlorinated camphane insecticidal composition. 2,579,297, Dec. 18.
Buntin, George A., assignor to Hercules Powder Company, Wilmington, Del. Chlorinated bornyl chloride insecticidal composition. 2,579,298, Dec. 18.
Buntin, George A., assignor to Hercules Powder Company, Wilmington, Del. Chlorinated isobornyl chloride insecticidal composition. 2,579,299, Dec. 18.
Buntin, George A., assignor to Hercules Powder Company, Wilmington, Del. Chlorinated pinane insecticidal composition. 2,579,300, Dec. 18.
Buntin, George A., assignor to Hercules Powder Company, Wilmington, Del. Chlorinated fenchene insecticidal composition. 2,579,301, Dec. 18.
Buntin, James L. Napton, Mo. Cabinet table. 2,556,612, June 12.
Bunts, Vernon M., East Syracuse, and H. C. Holbert, assignors to Easy Washing Machine Corporation, Syracuse, N. Y. Explosive rivet firing device. 2,547,437, Apr. 3.
Bunyan, John, assignor to Allen West and Company Limited, Brighton, England. Electric motor controller. 2,561,782, July 24.
Bunyard, Kenneth L., Flushing, N. Y. Phonograph. 2,580,071, Dec. 25.
Buongirno, Frank G., Wallingford, Conn. Radiator fin for pipes. 2,574,142, Nov. 6.
Buono, Joseph, New York, N. Y. Umbrella rib. 2,560,789, July 17.
Bura, Walter M., Washington, D. C., assignor to Norton Company, Worcester, Mass. Grinding machine. 2,539,506, Jan. 30.
Burbidge, Harry L., Coventry, England. Spool with removable heads. 2,537,327, Jan. 9.
Burbig, Henry, New York, N. Y. Safety pin. 2,554,519, May 29.
Burbridge, John R., Kenosha, Wis. Automatic window latch. 2,563,209, Aug. 7.
Burby, Philip E., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Fastening-inserting machine. 2,536,350, Jan. 2.
Burch, Charles J.: *See*—
Cowie, John P., and Burch.
Burch, Edson P., Webster Groves, assignor to Electronic Tester of Gas Meters, Inc., St. Louis, Mo. Gas meter prover apparatus. 2,555,730, June 5.
Burch, Edson P., Webster Groves, assignor to Electronic Tester of Gas Meters, Inc., St. Louis, Mo. Gas meter prover apparatus. 2,561,904, July 24.
Burch, Lyndon W., assignee: *See*—
Kirk, Wayne C., and Parkhurst.
Burchett, Donald, Olive Hill, Ky. Skew brick for kilns. 2,572,242, Oct. 23.
Burchett, Ray L.: *See*—
Harris, Alexander, Aronson, and Burchett.
Burchett, Roy, Seiling, Okla. Terracing machine. 2,542,474, Feb. 20.
Burckhalter, Burton B., Clifton, Colo. Rotary fluid brake. 2,573,831, Nov. 6.
Burckhardt Engineering Works, The, assignee: *See*—
Hug, Emil, and Giger.
Burckhardt, Günther, Chos-Malal, Argentina. Device for measuring, or tracing and dividing angles. 2,546,885, Mar. 27.
Burd, Francis W., Springfield, Mass. Moisture eliminating device for compressed-air systems. 2,572,311, Oct. 23.
Burd Piston Ring Company, assignee: *See*—
Bates, Albert H.
Burd Piston Ring Company, assignee: *See*—
Bates, Albert H.
Burd, Samuel I., New York, and J. V. Clarke, Flushing, assignors to Prestige, Inc., New York, N. Y. Ornamented stocking. 2,569,398, Sept. 25.
Burden, Christopher F., New Paltz, N. Y. Golf ball retriever. 2,551,486, May 1.
Burden, Royal L., Piqua, assignor of fifteen per cent to T. Q. Dix, Dayton, and fifteen per cent to R. L. Dix, Springfield, Ohio. Tackle box. 2,558,124, June 26.

Burdett, Harry W.: *See*—
Palen, Peter H., and Burdett.
Burdett, Harry W., Ridgewood, N. J., and F. B. Page, Manchester, Conn., assignors to Wright Aeronautical Corporation. Compressor. 2,548,465, Apr. 10.
Burdett Manufacturing Company, assignee: *See*—
Fitzgerald, Carl E.
Burdick, Edwin C., Philadelphia, Pa., assignor, by mesne assignments, to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Lever mechanism for control instruments. 2,539,117, Jan. 23.
Burdick, Edwin C., Philadelphia, Pa., assignor, by mesne assignments, to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Air control instrument. 2,548,943, Apr. 17.
Burdick, Everette M., Weslaco, and J. S. Allen, McAllen, assignors to Texsun Citrus Exchange, Weslaco, Tex. Processing citrus juices. 2,563,705, Aug. 7.
Burdick, Hugh T., assignor to Illinois Tool Works, Chicago, Ill. Shelf mounting structure. 2,560,211, July 10.
Burdick, Hugh T., assignor to Illinois Tool Works, Chicago, Ill. Sheet metal snap fastener. 2,560,530, July 10.
Burdick, Ralph V., Jr.: *See*—
Wheeler, Barbara B., and Burdick.
Burdick, Richard, Dallas, Tex. Advertising display and making same. 2,536,420, Jan. 2.
Burdine, Bertha W., New York, N. Y. Adhesive material. 2,552,664, May 15.
Burdsall, Richard L., assignor to Russell, Burdsall & Ward Bolt & Nut Company, Port Chester, N. Y. Transfer mechanism. 2,544,218, Mar. 6.
Burdulis, Peter J., Delhi, Calif. Armature winding machine. 2,568,945, Sept. 25.
Bureau, Achille G., Forest Hills, N. Y., assignor to Reynolds Metals Company, Richmond, Va. Insulated metallic window. 2,536,351, Jan. 2.
Bureau, Alfred C.: *See*—
Burns, William L., and Bureau.
Bureau, Arthur L., United States Navy. Belt loader. 2,542,988, Feb. 27.
"Bureau Technique Gautrat," S. A. R. L., assignee: *See*—
Neumann, Georg, and Gottesmann.
Buren, Newton J., Takoma, Wash. Piston construction. 2,544,775, Mar. 13.
Bures, Edward F.: *See*—
Schwarz, Howard G., and Bures.
Bureš, Stanislav, and F. Novák, assignors to Bata, Narodní Podnik, Zlin, Czechoslovakia. Apparatus for short-circuiting overhead supply mains for electric railways. 2,540,424, Feb. 6.
Burford, Earl E., Lindsay, Okla. Bale binding mechanism for baling presses. 2,551,873, May 8.
Burg, Fred G., Los Angeles, Calif. Flexible toolholder. 2,574,016, Nov. 6.
Burg, John E., Burlington, Iowa. Multiplane rotating movement for aerial amusement rides. 2,547,152, Apr. 3.
Burg, Kenneth E., and J. N. Walstrum, assignors to Stanolind Oil and Gas Company, Tulsa, Okla. Portable drilling equipment. 2,564,188, Aug. 14.
Burge, James S., Anderson, H. J. McKee, Middletown, and R. M. Goodwin, Anderson, Ind., assignors to General Motors Corporation, Detroit, Mich. Machine for taping electrical coils. 2,569,513, Oct. 2.
Burge, James S., and D. E. Key, Anderson, Ind., assignors to General Motors Corporation, Detroit, Mich. Condenser assembling machine. 2,572,312, Oct. 23.
Burge, James S., and R. M. Goodwin, Anderson, and H. J. McKee, Middletown, Ind., assignors to General Motors Corporation, Detroit, Mich. Coil-winding machine. 2,576,568, Nov. 27.
Burgemeister, Paul A.: *See*—
Cooper, William B., and Burgemeister.
Burger, Alfred, Charlottesville, Va., assignor to Smith, Kline & French Laboratories, Philadelphia, Pa. 3-phenylphthalidyl-3-acetic acid. 2,567,546, Sept. 11.
Burger, Armin, Wabern-Berne, Switzerland. Device for the promotion of chimney intake. 2,544,776, Mar. 13.
Burger, Frank E., Warren Row, near Reading, assignor to Lansing-Bagnall Limited, Isleworth, Middlesex, England. Electrically operated truck and battery charging control therefor. 2,539,987, Jan. 30.
Burger, Frank E., Warren Row, near Reading, assignor to Jaru Limited, London, England. Manufacture of composite bearings and other composite machine parts. 2,554,008, May 22.
Burger, Irving A., Stratford, Conn. Measuring device for liquid containers. 2,547,744, Apr. 3.
Burger, Martin, Morris, assignor, by mesne assignments, to Shellmar Products Corporation, Chicago, Ill. Cellular carton. 2,554,613, May 29.
Burger, Michael J., Murray Hill, N. J., assignor to the United States of America as represented by the Secretary of the Navy. Pulse absorbing circuit. 2,547,809, Apr. 3.
Burger, Ralph J., assignor to McCray Refrigerator Company, Kendallville, Ind. Multiple purpose refrigerated case. 2,545,602, Mar. 20.
Burgeson, Ivan: *See*—
Mueller, Robert J., and Burgeson.
Burgess, Archibald R., assignor, by mesne assignments, to M. L. J. Lambert, doing business as Crystal-Flo Products Company, St. Louis, Mo. Carbonated beverage dispensing valve. 2,558,700, June 26.
Burgess Battery Company, assignee: *See*—
Harriss, Lawrence H.
Kurlandsky, Sam.
MacFarland, Allison M.
Mullen, John B.
Schofield, Earl L.
Steinhoff, Ernest F.
Burgess Cellulose Company, assignee: *See*—
Overton, George W., and Spencer.
Burgess, Early R., Good Hope, Ga. Agricultural attachment for tractors. 2,560,631, July 17.
Burgess, Everett H.: *See*—
Lehane, Timothy J., and Burgess.
Burgess, George C., Columbia, Tenn. Sintering furnace. 2,543,150, Feb. 27.
Burgess, George M., La Fayette, Ind. Gasifying oil burner for heating purposes. 2,561,264, July 17.
Burgess, Henry D., Burlingame, Calif. Window sash. 2,570,519, Oct. 9.
Burgess, Joseph W.: *See*—
Sawyer, Allan G., and Burgess.
Burgess, Lauren M., Lexington, assignor to Technology Instrument Corporation, Waltham, Mass. Variable resistor construction. 2,543,228, Feb. 27.
Burgess-Manning Company, assignee: *See*—
Chipley, Alfred S.
Dietrich, Helmut A.
Hoyle, Robert L.
Manning, Willis L.
Burgess, Marion I., assignor of one-sixth to W. D. Adams, one-sixth to C. M. Miller, and one-sixth to H. P. Wright, Chicago, Ill. Appliance useful in permanent waving of hair. 2,547,810, Apr. 3.
Burgess, Neil: *See*—
Alford, Joseph S., Burgess, and Cruckshank.
Burgess-Norton Mfg. Co., assignee: *See*—
Carlson, Clarence C.
Waller, Gustav M.
Burgesser, Frederick W.: *See*—
Funsten, Stanard R., and Burgesses.
Burgesser, Frederick W., Compton, assignor to Filtrol Corporation, Los Angeles, Calif. Coated seed. 2,579,733, Dec. 25.
Burgesser, Frederick W., Compton, assignor to Filtrol Corporation, Los Angeles, Calif. Seed pellet. 2,579,734, Dec. 25.
Burgesser, Frederick W., Compton, assignor to Filtrol Corporation, Los Angeles, Calif. Coated seed. 2,579,735, Dec. 25.
Burghart, Lloyd M., Darien, Conn., assignor, by mesne assignments, to National Distillers Products Corporation, New York, N. Y. One-phase antirust liquid containing an alkali metal borate and mixed monoricinoleate esters. 2,566,923, Sept. 4.
Burghart, Lloyd M., Darien, Conn., assignor, by mesne assignments, to National Distillers Products Corporation, New York, N. Y. One-phase antirust liquid containing an alkali metal borate and a long-chain alcohol. 2,566,924, Sept. 4.
Burghart, Lloyd M., Darien, Conn., assignor, by mesne assignments, to National Distillers Products Corporation, New York, N. Y. One-phase antirust liquid containing triethanolamine metaborate, triethanolamine, and mixed monoricinoleate esters. 2,566,925, Sept. 4.
Burghart, Lloyd M., Darien, Conn., assignor, by mesne assignments, to National Distillers Products Corporation, New York, N. Y. One-phase antirust liquid containing triethanolamine metaborate, triethanolamine and a long-chain alcohol. 2,566,926, Sept. 4.
Burghauser, Franz, Bayern, Germany. Screw press. 2,565,947, Aug. 28.
Burgin, Miller S., assignor of twenty-five per cent to J. G. Waldron, Portland, Maine. Combination crib and play pen. 2,548,769, Apr. 10.
Burgwin, Stephen L., Forest Hills, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Electronic control. 2,545,989, Mar. 20.
Burgwin, Stephen L., and F. Vandenburg, East Aurora, N. Y., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Motor control system. 2,569,287, Sept. 25.
Burhans, Allison S.: *See*—
Schechter, Leon, and Burhans.
Burhans, Eugene C., Lockport, N. Y. Carton opener. 2,536,421, Jan. 2.
Burhans, Eugene C., Lockport, N. Y. Carton handling device. 2,574,087, Nov. 6.
Burk, Herbert S., Maplewood, La., assignor to Gulf Research & Development Company, Pittsburgh, Pa. Manufacture of paraffin waxes. 2,568,946, Sept. 25.
Burk, Robert E., Wilmington, Del., and E. C. Hughes, Cleveland Heights, assignors to The Standard Oil Company, Cleveland, Ohio. Stabilized lubricants. 2,551,525, May 1.
Burkardt, Anton, assignor to Sativa Corporation, New York, N. Y. Decortication of fibrous material. 2,571,108, Oct. 16.
Burke, Arthur J., Minneapolis, Minn. Device for use in bathing infants. 2,547,564, Apr. 3.
Burke, Edward, Brooklyn, N. Y. Prehensile pipe-cleaning swab. 2,567,923, Sept. 18.

Burke, Harold J., New York, N. Y., assignor to C-O-Two Fire Equipment Company, Newark, N. J. Flexible handle large capacity horn. 2,572,006, Oct. 23.
Burke, James P., Poland, assignor of one-half to M. M. Fibus and one-half to J. W. Marcus, Youngstown, Ohio. Actuator for door opening mechanisms. 2,536,489, Jan. 2.
Burke, James P., Poland, assignor of one-half to M. M. Fibus, and one-half to J. W. Marcus, Youngstown, Ohio. Actuator for door opening mechanisms. 2,564,750, Aug. 21.
Burke, John P., assignor to Birco Chemical Corporation, Chicago, Ill. Composition for cleaning metals. 2,554,358, May 22.
Burke, Ralph L., and R. E. Wasley, Portland, Oreg. Brake gauge. 2,553,525, May 15.
Burke, Roscoe E., San Jose, M. Periat, San Mateo, and W. Schlichtmann, San Francisco, Calif. Apparatus for dynamically balancing tires, wheel assemblies, and the like. 2,559,707, July 10.
Burke, Roscoe E., San Jose, Calif. Tree engaging device for tree shaking apparatus. 2,567,872, Sept. 11.
Burke, Stanley A., and H. C. Hansen, Westfield, and C. P. Bullard, East Longmeadow, Mass. Automatically reversible air-driven tapping unit. 2,552,840, May 15.
Burke, Wilbur B., East Cleveland, Ohio. Window. 2,571,677, Oct. 16.
Burke, William O., assignor to National Lock Co., Rockford, Ill. Latch. 2,558,233, June 26.
Burke, William R., Washington, D. C. Knot device for neckties. 2,553,437, May 15.
Burkett, George A., St. James, Manitoba, Canada. Pharmaceutical capsule sizing device with volumetric capacity varying means. 2,574,727, Nov. 13.
Burkett, Griffith L., Martinsville, Ind. Baler wire tying mechansim. 2,566,054, Aug. 28.
Burkett, Russell D.: *See*—
Lynn, Mark D., and Burkett.
Burkey, Walter V., assignee: *See*—
Groce, George R.
Burkhard, Charles A., Alplaus, N. Y., assignor to General Electric Company. 1 - (p-tolylthio) - 3 - trimethylsilylpropane. 2,544,296, Mar. 6.
Burkhard, Charles A., Alplaus, N. Y., assignor to General Electric Company. Polymers of polymethylsilylenes and preparing the same. 2,554,976, May 29.
Burkhard, Charles A., Alplaus, N. Y., assignor to General Electric Company. Organo-silicon compositions. 2,559,342, July 3.
Burkhard, Charles A., Alplaus, N. Y., assignor to General Electric Company. Alkyl 3-thia-7-sila-7,7,7-trialkoxyheptanoates. 2,563,516, Aug. 7.
Burkhard, Charles A., Schenectady, N. Y., assignor to General Electric Company. Organopolysiloxanes. 2,561,178, July 17.
Burkhardt, Charles E.: *See*—
Horstman, Clifford C., Burkhardt, and Ellis.
Burkhardt, George R., Chicago, Ill. Railway rail. 2,577,601, Dec. 4.
Burkhardt, Hans, Oberursel-on-Taunus, near Frankfurt-on-the-Main, assignor to Vereinigte Deutsche Metallwerke Aktiengesellschaft, Frankfurt-on-the Main, Germany. Aluminum alloy. 2,574,318, Nov. 6.
Burkhart, George N., Jr., assignor to Duncan Electric Manufacturing Company, Lafayette, Ind. Follow-up apparatus. 2,537,027, Jan. 9.
Burkhart, William L., Long Beach, Calif. Lighting equipment. 2,576,920, Dec. 4.
Burkhead, Polly S. *See*—
Brenner, Abner, Burkhead, and Riddell.
Burkholder, Alden H.: *See*—
McLellan, Kenneth M., and Burkholder.
Burkholder, John C., Toronto, Ontario, Canada. Rectifier plate. 2,549,888, Apr. 24.
Burkholder, Robert J., Noel, Mo., Plow hitch with traction control linkage. 2,547,438, Apr. 3.
Burkholder, Theodore M., assignor to Raytheon Manufacturing Company, Newton, Mass. Coating nickel with mercury. 2,567,762, Sept. 11.
Burkholder, Ward J.: *See*—
Hill, Archie, and Burkholder.
Burkland, Carl J., assignor of one-half to E. Haubrich, Chicago, Ill. Mechanical movement. 2,577,675, Dec. 4.
Burkley, Clement J., assignor to Wingfoot Corporation, Akron, Ohio. Making safety tubes. 2,559,591, July 10.
Burklin, Adolf J., Toledo, Ohio, assignor, by mesne assignments, to A. O. Smith Corporation, Milwaukee, Wis. Single axial port gas burner with two-stage mixing. 2,569,514, Oct. 2.
Burks, Arthur W., assignor to Decatur Pump Company, Decatur, Ill. Air charger for hydropneumatic systems. 2,557,724, June 19.
Burks, George E., G. T. Lundberg, and H. D. Nichols, Peoria, Ill., assignors to Caterpillar Tractor Co., San Leandro, Calif. Lubricating system. 2,549,889, Apr. 24.
Burks, George E., Peoria, and R. R. Robinson, Morton, Ill., assignors to Caterpillar Tractor Co., San Leandro, Calif. Motor lubrication. 2,550,967, May 1.
Burks, J. A., assignee: *See*—
Hooks, Nall T.
Burks, William H., Jr., Lynwood, Calif. Captive aircraft control. 2,570,316, Oct. 9.
Burleigh, Arthur C., Wellesley, Mass. Pad element for abrading machines. 2,546,087, Mar. 20.
Burleigh, Arthur C., Wellesley, Mass. Sanding pad assembly. 2,550,768, May 1.
Burleson, Normal E., Sr., Knoxville, Tenn. Fluke anchor. 2,576,172, Nov. 27.
Burley, Robert M.: *See*—
Edmonds, Landon W. L., and Burley.
Burling, Herbert S., South Orange, N. J. Differential temperature control switch. 2,549,054, Apr. 17.
Burlington Instrument Company, assignee: *See*—
Emery, Weldon C.
Burls, John A. E., Frinton on Sea, England, assignor to R. Hoe & Co. Inc., New York, N. Y. Machine for finishing the pages to be dealt with in bookbinding machines. 2,551,557, May 1.
Burls, John A. E., Kenton, England, assignor to R. Hoe & Co. Inc., New York, N. Y. Book casing-in machine. 2,549,890, Apr. 24.
Burls, John A. E., Kenton, England, assignor to R. Hoe & Co. Inc., New York, N. Y. Apparatus for applying dust covers or jackets to books. 2,570,916, Oct. 9.
Burmeister, Frederick H., assignor to Air-Way Electric Appliance Corporation, Toledo, Ohio. Suction cleaner. 2,537,205, Jan. 9.
Burmist, John G., Philadelphia, Pa. Vibrograph. 2,536,870, Jan. 2.
Burmist, John G., Philadelphia, Pa. Accelerometer. 2,557,173, June 19.
Burnam, Thompson W., Whittier, assignor to Fog Nozzle Company, Los Angeles, Calif. Enclosed fog head. 2,550,451, Apr. 24.
Burnam, Thompson W., Whittier, and G. D. Ramsay, San Marino, assignors to Fog Nozzle Company, Los Angeles, Calif. Distributor head. 2,568,429, Sept. 18.
Burnard, Edward O.: *See*—
Holmes, Leslie, Burnard, and Higgs.
Burnbaum, Jack, Watertown, assignor to Bradford Novelty Co., Inc., Cambridge, Mass. Illuminated figure with reflector. 2,579,725, Dec. 25.
Burndept Limited, assignee: *See*—
Lewis, Richard W., and Linton.
Richardson, Richard P., and Lewis.
Burndy Engineering Company, Inc., assignee: *See*—
Matthysse, Irving F.
Rogoff, Julian.
Burnelli, Vincent J., Englewood, N. J. Airplane landing gear. 2,554,009, May 22.
Burnelli, Vincent J., Red Bank, N. J. Rear doorway for airfoil fuselages. 2,547,811, Apr. 3.
Burnelli, Vincent J., Red Bank, N. J. Twin engine sport airplane. 2,572,442, Oct. 23.
Burness, Alexander, Welwyn Garden City, and E. G. Williams, Lemsford, England, assignors to Imperial Chemical Industries Limited. Production of polymeric materials in sheet form. 2,579,138, Dec. 18.
Burnett, Henry J., West Hartford, assignor to United Aircraft Corporation, East Hartford, Conn. Electrical valve seat gauge. 2,553,129, May 15.
Burnett, James H., Upper Montclair, N. J., assignor, by mesne assignments, to General Railway Signal Company. Electron discharge device. 2,543,739, Feb. 27.
Burnett, Richard T., assignor to Bendix Aviation Corporation, South Bend, Ind. Rotary hydraulic torque converter. 2,580,072, Dec. 25.
Burnett, William E.: *See*—
Kuhler, Otto A., and Burnett.
Burnett, William E., Montclair, N. J., assignor to American Car and Foundry Company, New York, N. Y. Seat structure. 2,564,878, Aug. 21.
Burnett, William E., Montclair, N. J., assignor to American Car and Foundry Company, New York, N. Y. Ash receptacle. 2,575,441, Nov. 20.
Burney, Charles D., Baynards Park, near Cranleigh, assignor to Fresh Frozen Foods Limited, London, England. Quick-freezing machine. 2,543,889, Mar. 6.
Burney, Charles D., assignor to Fresh Frozen Foods Ltd., London, England. Equipment of trawling vessels. 2,579,787, Dec. 25.
Burney, Harold W.: *See*—
Ryberg, Milton E., Burney, and Joy.
Burnham, Clarence W.: *See*—
Fellows, William H., and Burnham.
Burnham, Crebert: *See*—
Bradford, Arthur J., and Burnham.
Burnham, Harry C., trustee, assignee: *See*—
Burnham, Harry C., and Bus.
Burnham, Harry C., Grand Rapids, Mich. Folding chair. 2,555,113, May 29.
Burnham, Harry C., and A. Bus, Grand Rapids, Mich., assignors, by mesne assignments, to H. C. Burnham, trustee. Folding chair. 2,568,269, Sept. 18.
Burnham, James H., Rochester, N. Y. Boat dock and the like. 2,571,337, Oct. 16.
Burnham, John, Williamstown, assignor to Sprague Electric Company, North Adams, Mass. Electrical condenser. 2,549,770, Apr. 24.
Burnham, John, Williamstown, A. J. Dippold, North Adams, and P. Robinson, Williamstown, assignors to Sprague Electric Company, North Adams, Mass. High dielectric ceramic material and making. 2,563,307, Aug. 7.

Burnham, Robert R., Buffalo, A. T. Anderson, Tonawanda, and A. M. Matheson, Niagara Falls, N. Y., assignors, by mesne assignments, to Union Carbide and Carbon Corporation. Compositions for use in treating fibrous materials to impart water repellency. 2,577,840, Dec. 11.

Burnitol Manufacturing Co., assignee: *See*—
Cranshaw, Harold B.

Burns, Albert L., Jr., assignor to Houston Oil Field Material Company, Inc., Houston, Tex. Normalizing and trimming welded sections. 2,564,391, Aug. 14.

Burns, Bruce, Los Angeles, Calif. Mechanical eraser. 2,541,401, Feb. 13.

Burns, Charles E., Portland, Oreg. Collapsible bath cabinet. 2,561,265, July 17.

Burns, Charles W., Chicago, Ill. Record cabinet. 2,570,046, Oct. 2.

Burns, Charles W., Hickory, N. C. Hosiery pairer counter. 2,545,763, Mar. 20.

Burns, Frank B., Chicago, Ill., and M. S. Larrison, Frankford, Pa., assignors to United States Gypsum Company, Chicago, Ill. Fire resistant asphalt coating. 2,569,399, Sept. 25.

Burns, Fred J., Saginaw, Mich., assignor to The Columbia Mills, Inc., Syracuse, N. Y. Bung and pintle assembly for shade rollers. 2,538,827, Jan. 23.

Burns, Fred J., Saginaw, Mich., assignor to The Columbia Mills, Inc., New York, N. Y. Bottom rail for Venetian blinds. 2,547,305, Apr. 3.

Burns, Fred J., Saginaw, Mich., assignor to The Columbia Mills, Inc., New York, N. Y. Headbox cover for Venetian blinds. 2,551,787, May 8.

Burns, Fred J., Saginaw, Mich., assignor to The Columbia Mills, Inc., Syracuse, N. Y. Venetian blind. 2,555,393, June 5.

Burns, Fred J., Saginaw, Mich., assignor to The Columbia Mills, Inc., Syracuse, N. Y. Venetian blind. 2,562,259, July 31.

Burns, Fred J., Saginaw, Mich., assignor to The Columbia Mills, Inc., Syracuse, N. Y. Combination bracket. 2,579,788, Dec. 25.

Burns, Gerald, assignee: *See*—
Esley, Wayne B.

Burns, Harriet L., and M. M. Cassidy, Houston, Tex., assignors to American Rice Growers Cooperative Association, Lake Charles, La. Treating rice bran and rice polish. 2,563,798, Aug. 7.

Burns, James A., Garden City, N. Y., and E. G. Engel, Roselle, N. J., assignors to Hydrocarbon Research, Inc., New York, N. Y. Tray type heat exchanger. 2,566,310, Sept. 4.

Burns, Leroy H., Cleveland, Ohio, assignor to The National Telephone Supply Company. Making wire connecting devices. 2,560,411, July 10.

Burns, Leroy H., Cleveland, Ohio, assignor to The National Telephone Supply Company. Wire cable connection. 2,564,463, Aug. 14.

Burns, Leslie L., Jr., Princeton, N. J., assignor to Radio Corporation of America. Device for reproducing magnetic records. 2,536,260, Jan. 2.

Burns, Leslie L., Jr., Princeton, N. J., assignor to Radio Corporation of America. Magnetostriction device. 2,572,313, Oct. 23.

Burns, Paul J., Kingsport, Tenn., assignor to Eastman Kodak Company, Rochester, N. Y. Yarn tensioning device. 2,571,678, Oct. 16.

Burns, Stephen J., Burbank, Calif. Cushion construction. 2,539,058, Jan. 23.

Burns, William L., and A. C. Bureau, assignors to Henry Balfour & Co. Limited, Leven, Fife, Scotland. Thermostatic control for chemical plants. 2,565,350, Aug. 21.

Burnside, Carl B., assignor to Eli Lilly and Company, Indianapolis, Ind. Syringe. 2,551,414, May 1.

Burnside, Don G., Princeton, N. J., assignor to Radio Corporation of America. Grid-controlled electron discharge device. 2,547,372, Apr. 3.

Burnside, Don G., Princeton, N. J., assignor to Radio Corporation of America. Mount for electron discharge devices. 2,573,397, Oct. 30.

Burnside, James H., Englewood, Ohio. Trailer hitch. 2,546,664, Mar. 27.

Burnside, Walter M.: *See*—
Nicolaus, Frank G., Burnside, and Nelson.

Burnum, Clarence W., Arlington, Tex. Spraying device for aircraft. 2,562,524, July 31.

Burr, John H., Denver, Colo. Overhead garage door. 2,573,181, Oct. 30.

Burr, Marian H., Washington, D. C. Undergarment for feminine wear. 2,561,783, July 24.

Burr, Ned, Homewood, Ill., assignor to Chicago Cardboard Company. Display device. 2,564,672, Aug. 21.

Burr, Robert L., and J. M. Hudson, Birmingham, Ala. Baby bathtub with cloth support. 2,547,743, Apr. 3.

Burr, Theodore R.: *See*—
Kehoe, Ellsworth A., and Burr.

Burrage, Leslie J., Hunts Cross, and J. C. Smart, Widnes, England, assignors to Imperial Chemical Industries Limited. Separation of gamma benzene hexachloride. 2,553,956, May 22.

Burrage, Philip A., Weymouth, Mass., assignor to Robertson Factories, Inc., New York, N. Y. Tieback curtain. 2,563,306, Aug. 7.

Burrage, Robert H., Arlington, Va. Telephone cabinet. 2,547,808, Apr. 3.

Burrell, Frank C., assignor to General Motors Corporation, Detroit, Mich. Valve rotating device. 2,572,106, Oct. 23.

Burrell, Newton R., and G. L. Thompson, Hawera, assignors to The National Dairy Association of New Zealand Limited, Wellington, New Zealand. Cheese press. 2,553,035, May 15.

Burress, Lawrence O., Bowen, Ill. Window. 2,565,200, Aug. 21.

Burri, Fritz, assignor of one-half to C. Moser, Bienne, and one-half to J. Dionisotti, Monthey, Switzerland. Luggage carrier for vehicles. 2,537,441, Jan. 9.

Burri, William F., Portland, Oreg. Nozzle attachment for vacuum cleaners. 2,554,238, May 22.

Burrichter, Thomas G., Chicago, Ill. Electrical switch means. 2,578,503, Dec. 11.

Burritt, Burnell O., Euclid, assignor to The Marquette Metal Products Company, Cleveland, Ohio. Speed responsive pressure fluid servomotor. 2,560,758, July 17.

Burroughs Adding Machine Company, assignee: *See*—
Bibler, Dallas D.
Mondy, Peter.

Burroughs, Edwin E., Brooklyn, assignor to St. Regis Paper Company, New York, N. Y. Bag bottomer. 2,570,047, Oct. 2.

Burroughs, Louis R.: *See*—
Ulmer, William W., and Burroughs.

Burroughs, Samuel G., Pittsburgh, assignor to Pennsylvania Industrial Chemical Corporation, Clairton, Pa. Recovering terpene polymer and copolymer resins. 2,555,221, May 29.

Burroughs, Samuel G., Pittsburgh, assignor to Pennsylvania Industrial Chemical Corporation, Clairton, Pa. Making dipentene and vinylcyclohexene resin. 2,567,916, Sept. 18.

Burroughs, Samuel G., Pittsburgh, assignor to Pennsylvania Industrial Chemical Corporation, Clairton, Pa. Making beta-pinene, rearranged alpha-pinene, and vinyl cyclohexene resin. 2,567,917, Sept. 18.

Burroughs, Samuel G., Pittsburgh, assignor to Pennsylvania Industrial Chemical Corporation, Clairton, Pa. Alpha-pinene and vinyl cyclohexene resin. 2,567,918, Sept. 18.

Burroughs, Samuel G., Pittsburgh, assignor to Pennsylvania Industrial Chemical Corporation, Clairton, Pa. Making beta-pinene and vinyl cyclohexene resin. 2,567,919, Sept. 18.

Burroughs, Samuel G., Pittsburgh, assignor to Pennsylvania Industrial Chemical Corporation, Clairton, Pa. Making resins of turpentines and vinyl cyclohexene. 2,568,216, Sept. 18.

Burroughs, Samuel G., Pittsburgh, assignor to Pennsylvania Industrial Chemical Corporation, Clairton, Pa. Making camphene and vinyl cyclohexene resin. 2,568,217, Sept. 18.

Burroughs Wellcome & Co. (U. S. A.) Inc., assignee: *See*—
Adamson, Donald W.
Baltzly, Richard, and Lorz.
Hitchings, George H., and Falco.
Hitchings, George H., Russell and Falco.
Walls, Leslie P., and Copp.

Burroughs Wellcome & Co. (U. S. A.) Incorporated, assignee: *See*—
Ainsworth, Geoffrey C., and Pope.

Burrows, Dale L., Hampton, Va. Removable cap with depending chamber which encloses a reciprocating valve element. 2,579,899, Dec. 25.

Burrows, Edwin N., Royal Oak, Mich. Animal trap. 2,542,310, Feb. 20.

Burrows, John W., assignor of 40 per cent to Harold S. Willoughby, Howard, Colo. Adjusting means for the jaws of a pivoted jaw wrench. 2,574,909, Nov. 13.

Burrows, Lawton A., Woodbury, N. J., and W. E. Lawson, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Explosive rivet. 2,556,465, June 12.

Burrows, Milford D.: *See*—
Boyce, Eugene L., and Burrows.
Goldberg, Harry, and Burrows.

Burrows, Milford D., and E. L. Boyce, assignors to Pioneer Gen-E-Motor Corporation, Chicago, Ill. Handle for lawnmowers and the like. 2,561,008, July 17.

Burrows, Robert P., Jr.: *See*—
Bock, Charles E., and Burrows.

Burrucker, William C., Chicago, Ill., assignor to Interchemical Corporation, New York, N. Y. Spraying device. 2,564,392, Aug. 14.

Burrus, Paul B., and L. A. Ditmer, Dayton, Ohio, assignors, by mesne assignments, to Standard Dayton Corporation. Electromagnetic brake device. 2,543,830, Mar. 6.

Burson, Charles H., Seattle, Wash. Multiple jet carburetor. 2,573,093, Oct. 30.

Burt, Alexander D., Haddon Heights, N. J., assignor to Radio Corporation of America. Phonograph turntable spindle. 2,579,999, Dec. 25.

Burt, F. N. Company, Inc., assignee: *See*—
Nyden, Robert, and Dickerman.

Burt, George H., Flossmoor, assignor to The Celotex Corporation, Chicago, Ill. Ironer apparatus. 2,575,744, Nov. 20.

Burt, Leland H., Philadelphia, Pa., assignor to Hercules Powder Company, Wilmington, Del. Frozen confections. 2,548,865, Apr. 17.

Burt Machine Company, The, assignee: *See*—
Neer, Clifford H.
Burtenshaw, George H., Auckland, New Zealand. Dental demonstrating apparatus. 2,576,569, Nov. 27.
Burtner, Richard L., Princeton, N. J., assignor to Radio Corporation of America. Radio-frequency device. 2,554,936, May 29.
Burtner, Robert R., Skokie, assignor to G. D. Searle & Co., Chicago, Ill. Basic esters of bile acids. 2,562,350, July 31.
Burtner, Robert R., Skokie, assignor to G. D. Searle & Co., Chicago, Ill. Basic esters of cholanic and ketocholanic acids. 2,562,351, July 31.
Burtner, Robert R., Skokie, assignor to G. D. Searle & Co., Chicago, Ill. Hydroxyl- and alkoxyl-substituted cycloalkylphenyl aliphatic acids and the production thereof. 2,567.873, Sept. 11.
Burtner, Robert R., Skokie, Ill., and H. A. Arbit, Los Angeles, Calif., assignors to G. D. Searle & Co., Skokie, Ill. Phenyl amino benzoyl alkanoic acids. 2,555,955, June 5.
Burtnett, Everett R., Inglewood, Calif., assignor to Borg-Warner Corporation, Chicago, Ill. Variable-speed and torque transmission mechanism. 2,572,007, Oct. 23.
Burton, Douglas G.: *See*—
Nicolls, Wilfred E. W., and Burton.
Burton, Drury R., assignor to Wingfoot Corporation, Akron, Ohio. Package with improved tear-tape. 2,554,137, May 22.
Burton, Edward F., Los Angeles, Calif. Method and apparatus for preparing frozen confections. 2,557,813, June 19.
Burton, Everett T., Millburn, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Adjusting the sensitivity of contact devices. 2,577,602, Dec. 4.
Burton, James R., Jr., Jasper, Ala. Golf bag club holding means. 2,549,055, Apr. 17.
Burton, James R., Jr., Jasper, Ala. Suitcase having inflatable form-container. 2,580,281, Dec. 25.
Burton, John E., assignor to The Budd Company, Philadelphia, Pa. Apparatus for cleaning gases. 2,547,902, Apr. 3.
Burton, John E., Philadelphia, and E. M. Callender, Cynwyd, assignors to The Budd Company, Philadelphia, Pa. Electric heating control. 2,557,905, June 19.
Burton, Joseph A., Chatham, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Time multiplex television in color. 2,580,073, Dec. 25.
Burton, Lawrence C., Akron, Ohio. Tractor with leveling device. 2,551,314, May 1.
Burton Manufacturing Company, assignee: *See*—
Mendelsohn, William A.
Burton, Mark, assignor of one-half to A. S. Brillhart, Perryton, Tex. Resetting means for parking meters. Re. 23,338, Feb. 13.
Burton, Ralph B., Paterson, N. J. Making propeller blades for airplanes. 2,540,709, Feb. 6.
Burton, Robert A., assignor to Johnson Hinge Company, High Point, N. C. Locking mechanism for platform lockers. 2,541,744, Feb. 13.
Burton, Russell I., Richmond, Ind. Trap tunnel. 2,578,172, Dec. 11.
Burton, Walter C. C., Columbus, Ohio. Reclining accessory for bathtubs. 2,541,029, Feb. 13.
Burton, William P., Orange, and H. G. McGrath, Elizabeth, assignors to The M. W. Kellogg Company, Jersey City, N. J. Separation of organic compounds. 2,566,311, Sept. 4.
Burton, William P., Orange, and H. G. McGrath, Elizabeth, assignors to The M. W. Kellogg Company, Jersey City, N. J. Separation of organic compounds. 2,568,717, Sept. 25.
Burt-Wells, Sidney G., assignor to Triumph Dishwashers Limited, Toronto, Ontario, Canada. Impeller assembly for dishwashing machines. 2,572,983, Oct. 30.
Burum, Fisher C., assignee: *See*—
Dick, Robert T.
Burwell, Blair: *See*—
Peterson, C. Lynn and C. J., and Burwell.
Burwell, Blair, Grand Junction, Colo., assignor to Climax Uranium Company. Treatment of vanadium and uranium ores. 2,576,101, Nov. 27.
Burwell, Maurel G., Columbus, Ohio. Burner base for hot-water tanks. 2,549,755, Apr. 24.
Burwell, Maurel G., Columbus, Ohio. Water heater and burner housing therefor. 2,559,110, July 3.
Burwen, Frank W.: *See*—
Hoffman, Saul J., and Burwen.
Burwinkle, Vincent H., Cedar Rapids, Iowa. Micrometer attachment. 2,551,242, May 1.
Bury Compressor Company, assignee: *See*—
Carney, Fred J.
Bury, Irvin F., Washington, D. C. Confectionery molder. 2,539.944, Jan. 30.
Bury, Irvin F., Washington, D. C. Confectionery extruding molder. 2,539,945, Jan. 30.
Bus, Andre: *See*—
Burnham, Harry C., and Bus.
Busam, John W., Sr., Owensboro, Ky. Sick call table. 2,544,415, Mar. 6.
Busby, Arthur H. W.: *See*—
Bianco, Henry R., Busby, and Giles.
Busby, George W., Jr.: *See*—
Bodman, John W., Squire, and Busby.
Busch, Aloysius J., Madison, N. J., and E. Vroom, Ossining, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Recording system. 2,550,909, May 1.
Busch, Aloysius J., Madison, N. J., and O. H. Williford, Bronxville, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Make busy arrangement having gas-filled tube responsive only to high voltages. 2,558,537, June 26.
Busch, Charles R., Orange, N. J., assignor to Buffalo Brake Beam Company, New York, N. Y. Railway car brake beam. 2,570,202, Oct. 9.
Busch, Floyd H.: *See*—
Sturtevant, George R., and Busch.
Busch, Frank B., Toledo, Ohio, assignor to Owens-Illinois Glass Company. Nursing bottle. 2,571,010, Oct. 9.
Busch, Jacob: *See*—
Klonowski, Edmund J., and Busch.
Busch, Lee S.: *See*—
Krebs, Heinrich L., and Busch.
Busch Precision Camera Corporation, assignee: *See*—
Little, Alfred E.
Busch, Tom N., Georgetown, S. C. Self-loading vehicle. 2,550,185, Apr. 24.
Buscher, John H., Washington, D. C., assignor to the United States of America as represented by the Secretary of the Interior. Producing an ink-receptive surface on tracing cloth. 2,576,921, Dec. 4.
Buschhorn, Forrest L., Oklahoma City, Okla. Outboard motor lock. 2,556,900, June 12.
Buschman, E. W., Company, The, assignee: *See*—
Vogt, Rudolph B.
Busemeyer, Edward J., Cincinnati, Ohio, assignor to The Avey Drilling Machine Company, Covington, Ky. Machine tool. 2,562,170, July 31.
Busenburg, Earl B.: *See*—
Carr, Richard K., and Busenburg.
Buser, Fritz, Wiler, Switzerland. Printing table conveyer for pattern printing. 2.540.862, Feb. 6.
Buser, Hans, Zurich, Switzerland. Apparatus for sharpening pencil refills. 2,552,402, May 8.
Bush, A. G., assignee: *See*—
Criner, Harry J.
Bush, Alfred, Brooklyn, N. Y. Weatherstrip means. 2,575,793, Nov. 20.
Bush, Arthur C., Huntington Park, assignor of fifty per cent to M. D. Reed, Covelo, Calif. Animal-actuated insecticide distributor. 2,571,536, Oct. 16.
Bush, Burton T., Inc., assignee: *See*—
Goodman, Louis S., and Nickerson.
Nikawitz, Edward J.
Peppel, William J.
Wood, Thomas F.
Bush, Ean L., San Francisco, Calif. Buoyant hatch cover. 2,564,051, Aug. 14.
Bush, Ean L., San Francisco, Calif. Wheel suspension for trailers. 2,576,824, Nov. 27.
Bush, Edward R., Lemont, Ill., and J. E. Hanle, Westfield, N. J., assignors to Interchemical Corporation, New York, N. Y. Wood filler composition. 2,567,924, Sept. 18.
Bush, Harold S., San Antonio, Tex. Venetian blind dusting brush. 2,552,366, May 8.
Bush, Jacob, Lyndon, Ill. Hog trap. 2,554,558, May 29.
Bush, Jesse E., Dallas, Tex. External Venetian blind. 2,564,152, Aug. 14.
Bush, John M., assignor to Phillips Manufacturing Co., Chicago, Ill. Degreasing apparatus. 2,574,084, Nov. 6.
Bush, Rankin J.: *See*—
Berkoben, Charles W., and Bush.
Bush, Rankin J., Greensburg, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure control apparatus. 2,540,710, Feb. 6.
Bush, Rankin J., Greensburg, Pa., assignor to Westinghouse Air Brake Company. Inertia operated control device. 2,573,387, Oct. 30.
Bushemi, Anthony J., Pittsburgh, Pa. Pneumatic tire. 2,572,594, Oct. 23.
Bushman, Stephen F., assignor to Belmont Radio Corporation, Chicago, Ill. Protection of cathode-ray tube screens. 2,543,831, Mar. 6.
Bushnell, Charles S., assignor to General Railway Signal Company, Rochester, N. Y. Speed control with penalty means in continuous inductive train control systems. 2,559,397, July 3.
Bushnell, William M., Chicago, Ill. Toe nailed assembly and fitting therefor. 2,570,520, Oct. 9.
Busick, Adrien F., Jr., and H. F. Stock, Marion, Ohio, assignors to Marion Power Shovel Company. Walking tractor tread driving mechanism. 2,541,496, Feb. 13.
Busignies, Henri G.: *See*
Deloraine, Edmond M., Busignies, and Adams.
Busignies, Henri G., Forest Hills, N. Y., assignor to Federal Telephone and Radio Corporation, Newark, N. J. Radio pulse distance and direction indicator. 2,541,030, Feb. 13.
Busignies, Henri G., Forest Hills, assignor to Federal Telephone and Radio Corporation, New York, N. Y. Direction finder system. 2,546,970, Apr. 3.

Busignies, Henri G., Forest Hills, assignor to International Standard Electric Corporation, New York, N. Y. Distance finding system with means to eliminate selected indications. 2,570,203, Oct. 9.
Business Systems. Inc., assignee: *See*—
Crissy, Robert J.
Businger, Albert: *See*—
Huber, Walter, and Businger.
Buske, Gilbert E., Anson, assignor to Johnson Service Company, Milwaukee, Wis. Automatic temperature control device. 2,539,724. Jan. 30.
Buskirk, Fred D., San Diego, Calif. Y quarter bend plumbing fitting. 2,567,165, Sept. 11.
Busom, Isidore, Port Washington, N. Y. Manikin base stand. 2,537,621, Jan. 9.
Busquet, Jan C., assignor to Machinefabriek Gebr. Stork & Co. N. V., Hengelo, Netherlands. Centrifugal fan. 2,561,840, July 24.
Buss, Benjamin A., East Moline, Ill., assignor to American Machine and Metals, Inc., New York, N. Y. Stop control for partitioned washers. 2,571,197, Oct. 16.
Buss, John W., Canton, assignor to The Hoover Company, North Canton, Ohio. Spraying device. 2,567,099, Sept. 4.
Buss, Thomas L., Lynwood, Calif. Container-handling machine for pouring from one container into another. 2,543,956, Mar. 6.
Bussard, Emmery J. H., assignor to Avco Manufacturing Corporation, Cincinnati, Ohio. Tuner for television receivers. 2,579,789, Dec. 25.
Busse, Martha A., Syracuse, N. Y. Therapeutic vibrator. 2,562,769, July 31.
Busse, Warren F., Easton, Pa., assignor to General Aniline & Film Corporation, New York, N. Y. Polyvinyl carbazole composition. 2,540,748, Feb. 6.
Bussei, Ettore, Genoa, Italy. Watercraft adapted to be supported by hydrovanes when in motion. 2,550,220, Apr. 24.
Busser, William G., and P. J. Muller, Cleveland, Ohio. Device and method for controlling movement of rods in rod mills. 2,579,790, Dec. 25.
Bussey, Donald S., San Mateo, Calif. Display box with foldable tiered shelves. 2,550,968, May 1.
Bussiere, George, and E. C. Holton, Los Angeles, Calif., assignors to North American Aviation, Inc. Aircraft gun turret. 2,570,761, Oct. 9.
Bussing, Harold, assignor to Union Steel Products Company, Albion, Mich. Heating element support unit for ovens and the like and the method and apparatus for use in the making or assembling the same. 2,567,547, Sept. 11.
Bussinger, Louis C.: *See*—
Lewis, Olin E., and Bussinger.
Bussmann, Aloysius B., St. Louis, Mo. Strain insulator. 2,540,608, Feb. 6.
Bussmann, Aloysius B., St. Louis, Mo. Support for insulators. 2,557,370, June 19.
Bussmann, Henry T., St. Louis, Mo. Electrical protective device. Re. 23,315, Jan. 2.
Busson, Ambrose L., assignor to Vickers Incorporated, Detroit, Mich. Flow-regulating valve. 2,570,317, Oct. 9.
Bustanoby, André, Glencoe, Mo. Phonograph-picture exhibitor. 2,561,971, July 24.
Bustin, Leopold, Mammaroneck, N. Y. Swingable step for motor vehicles and the like. 2,566,401, Sept. 4.
Bustos, Larry L.: *See*—
Cozzolino, Rinaldo, and Bustos.
Butcher, Nolon W., Alameda, Calif. Staple extension for padlocks. 2,536,352, Jan. 2.
Butenkoff, George S., Westwood, N. J. Torsional vibration dampener. 2,573,398, Oct. 30.
Butin, Emile A., Villeurbanne, France. Shuttle changing mechanism. 2,572,107, Oct. 23.
Butkiewicz, F., and Sons Company, assignee: *See*—
Butkiewicz, George F.
Butkiewicz, George F., assignor to F. Butkiewicz and Sons Company, Omro, Wis. Ignition timing control. 2,568,270, Sept. 18.
Butkus, Charles S., Palatine, Ill. Window shade mounting device. 2,564,831, Aug. 21.
Butland, Ralph A., Philadelphia, Pa. Sleeping bag insulation testing apparatus and method. 2,539,399, Jan. 30.
Butler, Albert, assignor to Percy Hermant Limited, Toronto, Ontario, Canada. Cylinder lens lapping machine. 2,572,443, Oct. 23.
Butler, Arthur C., Colgate, assignor to Rolls Razor Limited, London, England. Safety razor. 2,543,890, Mar. 6.
Butler, Bernice M., Brooklyn, N. Y. Bandage supporting belt. 2,545,224. Mar. 13.
Butler, Daniel M., Houston, Tex. Foam generating attachment for fog nozzles. 2,555,394, June 5.
Butler De-Scaler Corporation, assignee: *See*—
McIntosh, Kenneth L.
Butler, Edgar M., New Orleans, La. Electrolytic water correction device. 2,536,591, Jan. 2.
Butler, Edgar M., New Orleans, La. Electrolytic water correction device. 2,540,074, Feb. 6.
Butler, Frank D., United States Navy. Internal-combustion engine variable combustion chamber. 2,573,688, Nov. 6.
Butler, Frank D., Washington, D. C. Internal-combustion engine variable combustion chamber. 2,573,689, Nov. 6.
Butler, Frank L., Americus, Ga., assignor to General Electric Company. Drier safety control. 2,577,104, Dec. 4.
Butler, George M., Miami, Fla. Arrow. 2,540,387, Feb. 6.
Butler Head Number, Inc., assignee: *See*—
Butler, James S.
Butler, Henry J., Sutton Coldfield, assignor to Dunlop Rubber Company Limited, County of London, England. Fluid pressure operated disk brake for the landing wheels of aircraft. 2,541,031, Feb. 13.
Butler, Henry J., Sutton Coldfield, assignor to Dunlop Rubber Company Limited, County of London, England. Fluid pressure operated disk brake with automatic wear compensation. 2,541,032, Feb. 13.
Butler, Henry J., Sutton Coldfield, assignor to Dunlop Rubber Company Limited, London, England. Airplane wheel brake. 2,555,182, May 29.
Butler, Henry J., Sutton Coldfield, assignor to Dunlop Rubber Company Limited, London, England. Cooled friction disk. 2,555,183, May 29.
Butler, Henry J., Sutton Coldfield, assignor to Dunlop Rubber Company Limited, London County, England. Fluid operated braking system for aircraft. 2,555,184, May 29.
Butler, Henry J., Sutton Coldfield, assignor to Dunlop Rubber Company Limited, London, England. Vehicle brake. 2,563,392, Aug. 7.
Butler, Henry J., Sutton Coldfield, England, assignor to Dunlop Rubber Company Limited. Air-cooling apparatus for vehicle wheels. 2,580,001, Dec. 25.
Butler, Henry R. and R. R., assignors to Shenandoah Equipment Company, Incorporated, Winchester, Va. Pressure accumulator or stabilizer for use with tree spraying apparatus. 2,538,897, Jan. 23.
Butler, Howard E.: *See*—
Eickmeyer, Earl E., and Butler.
Wolfe, H. Hix, and Butler.
Butler, James S., assignor to Butler Head Number, Inc., Lewiston, Maine. Device for identifying a particular entry in a horse race. 2,539,810, Jan. 30.
Butler, John M.: *See*—
Mills, Charles L., Jr., and Butler.
Butler, John M., Dayton, Ohio, assignor to Monsanto Chemical Company, St. Louis, Mo. Preparing substituted allyl alcohols. 2,537,622, Jan. 9.
Butler, John M., Dayton, Ohio, assignor to Monsanto Chemical Company, St. Louis, Mo. Lubricating oil. 2,541,686, Feb. 13.
Butler, John M., Dayton, Ohio, assignor to Monsanto Chemical Company, St. Louis, Mo. Lubricating oil. 2,541,687, Feb. 13.
Butler, John M., Dayton, Ohio, assignor to Monsanto Chemical Company, St. Louis, Mo. Lubricating oil containing a polymer of tetradecyl vinyl ether. 2,544,375, Mar. 6.
Butler, John M., Dayton, Ohio, assignor to Monsanto Chemical Company, St. Louis, Mo. Lubricating oil containing a polymer of oleyl methacrylate. 2,544,376, Mar. 6.
Butler, John M., Dayton, Ohio, assignor to Monsanto Chemical Company, St. Louis, Mo. Alkylation of polystyrene using a hydrogen fluoride catalyst. 2,569,400, Sept. 25.
Butler, John M., Dayton, Ohio, assignor to Monsanto Chemical Company, St. Louis, Mo. Mineral oil compositions containing the reaction product of polystyrene and an alkyl ester of an unsaturated acid. 2,572,557, Oct. 23.
Butler, John M., Dayton, Ohio, assignor to Monsanto Chemical Company, St. Louis, Mo. Mineral oil containing alkylated polystyrene. 2,572,558, Oct. 23.
Butler, Josephine: *See*—
Loftus, Nadea, and Butler.
Butler, Keith H., Marblehead, assignor to Sylvania Electric Products Inc., Salem, Mass. Improved calcium halo-phosphate phosphor. 2,579,900, Dec. 25.
Butler, Leo F.: *See*—
Kilpatrick, William J., and Butler.
Butler, Robert R.: *See*—
Butler, Henry R. and R. R.
Butler, Roy E., San Francisco, Calif. Laminated card. 2,545,804, Mar. 20.
Butler, William B., Trenton, N. J. Carton with corner-shaped closure cap. 2,571,199, Oct. 16.
Butler, William F., Oakland, assignor to Cutter Laboratories, Berkeley, Calif. Flask support and connecting member. 2,572,314, Oct. 23.
Butler, William F., and F. A. Cutter, Oakland, Calif., assignors to Cutter Laboratories, Berkeley, Calif. Transfusion equipment. 2,562,445, July 31.
Butman, Robert C., West Medford, Mass. Stabilized multivibrator. 2,562,171, July 31.
Butman, Robert C., West Medford, Mass. Frequency discriminator. 2,563,816, Aug. 14.
Butridge, James H., Kankakee, and W. H. Claus, Downers Grove, Ill., assignors to The Union Switch and Signal Company, Swissvale, Pa. Railway signal control system. 2,546,331, Mar. 27.
Butsch, Alfred G., Erie, Pa. Child's drinking tube. 2,557,411, June 19.

Butt, Charles A., Atlanta, Ga., assignor to International Minerals and Chemical Corporation. Production of defluorinated tricalcium phosphate. 2,565,351, Aug. 21.
Butt, George W., Grimsby, England. Piston ring and piston therefor. 2,554,400, May 22.
Butterfield, Charles V., San Francisco, and E. L. Gonella, Merced, Calif. Olive pitting machine. 2,544,006, Mar. 6.
Butterfield, George H., Portland, Oreg. Corneal contact lens. 2,544,246, Mar. 6.
Butterfield, Harry E., Jr.: *See*—
Pityo, Albert F., and Butterfield.
Butterfield, James E., Jr.: *See*—
Butterfield, James E., Sr., J. E. Butterfield, Jr., and Johnsen.
Butterfield, James E., Sr., J. E. Butterfield, Jr., and H. A. Johnsen, Excelsior, Minn. Pitless pumper. 2,578,669, Dec. 18.
Butterfield, John P., assignor to Chrysler Corporation, Highland Park, Mich. Suspension for steerable wheels. 2,567,144, Sept. 4.
Butterfield, John P., Grosse Pointe Woods, assignor to Chrysler Corporation, Highland Park, Mich. Engine. 2,571,198, Oct. 16.
Butterfield, John P., Grosse Pointe Woods, assignor to Chrysler Corporation, Highland Park, Mich. Internally expanding brake assembly. 2,578,285, Dec. 11.
Butterfield, Robert J., San Gabriel, Calif., assignor, by mesne assignments, to Minneapolis-Honeywell Regulator Company. Reset mechanism for pilot safety valves. 2,547,853, Apr. 3.
Butterfill, Sydney T., Hamilton, Ontario, Canada. Display shipping container. 2,548,001, Apr. 10.
Buttermann, Garry G., Louisville, Ky. Dispenser for ice-cream cones and the like. 2,562,599, July 31.
Butterworth, Harry W., Jr., Philadelphia, Pa., S. and M. Cohn, New York, and J. G. Walter, Ridgewood, assignors to Samcoe Holding Corporation, New York, N. Y. Apparatus for drying fabric. 2,570,318, Oct. 9.
Butterworth, William N., Shaker Heights, Ohio, assignor to General Refractories Company, Philadelphia, Pa. Refractory lining for domestic furnaces. 2,577,400, Dec. 4.
Buttery, Kenneth T., assignor to Sutherland Paper Company, Kalamazoo, Mich. Automatic setup box. 2,538,860, Jan. 23.
Buttery, Kenneth T., assignor to Sutherland Paper Company, Kalamazoo, Mich. Collapsible cellular carton. 2,562,233, July 31.
Buttery, Kenneth T., assignor to Sutherland Paper Company, Kalamazoo, Mich. Tray type carton. 2,578,878, Dec. 18.
Buttery, Kenneth T., and L. W. Sutherland, Jr., assignors to Sutherland Paper Company, Kalamazoo, Mich. Handled cup or like receptacle. 2,560,927, July 17.
Buttner, William C., Winnetka, and J. R. Bunce, Chicago, Ill. Heating system. 2,551,823, May 8.
Buttner, William C., Winnetka, and S. L. Sundstrom, assignors to The Bastian-Blessing Company, Chicago, Ill. Regulator nozzle. 2,575,312, Nov. 13.
Buttolph, Doyle D., Bartlesville, Okla., assignor to Phillips Petroleum Company. Fluid dispensing system. 2,569,554, Oct. 2.
Buttolph, Ralph, Long Beach, Calif., assignor to Eastman Oil Well Survey Company, Denver, Colo. Whipstock. 2,544,982, Mar. 13.
Button, Fred L., North Bergen, N. J., assignor of one-third to C. A. Morton, Baldwin, and one-third to L. Coyne, Rockville Centre, N. Y. Vernier reading device. 2,536,625, Jan. 2.
Button, Fred L., North Bergen, N. J., assignor of one-third to C. A. Morton, Baldwin, and one-third to L. Coyne, Rockville Centre, N. Y. Adjustable clamp. 2,550,001, Apr. 24.
Button, John S., Jr., assignor to Riggs Distler & Co., Inc., Baltimore, Md. Traction device for vehicles. 2,557,725, June 19.
Button, Leslie M., Moreno, P. G. Trowbridge, Colton, and J. J. Schrink, Beaumont, Calif. Vapor or fog nozzle. 2,559,592, July 10.
Butts, Robert S., Arlington, assignor to Melpar, Inc., Alexandria, Va. Telemetric system. 2,548,345, Apr. 10.
Butturini, Luigi, Milan, and G. Bernini, Melegnano, assignors to Carlo Erba S. A., Milan, Italy. Preparing purified heparin. 2,571,679, Oct. 16.
Butz, Charles H., Denver, Colo. Radiant bowl gas burner. 2,542,750, Feb. 20.
Butz, Stephen C., Zion, Ill. Vertically swinging auxiliary seat for barbers' chairs. 2,539,811, Jan. 30.
Buxbaum, Mac, and M. Lebensfeld, Flushing, assignors to The Royal Tot Manufacturing Company, Brooklyn, N. Y. Writing board. 2,541,497, Feb. 13.
Buxton, Alan J.: *See*—
Roche, Alleman H., and Buxton.
Buxton, Incorporated, assignee: *See*—
Broughton, Douglas J.
Buckley, Thomas A.
Buxton, James E., Elmira, assignor to Bendix Aviation Corporation, Elmira Heights, N. Y. Engine starter gearing. 2,546,940, Mar. 27.
Buxton, James E., Elmira, N. Y., assignor to Bendix Aviation Corporation. Semiautomatic engine starter control. 2,556,063, June 5.
Buxton, James E., Elmira, assignor to Bendix Aviation Corporation, Elmira Heights, N. Y. Engine starter gearing. 2,569,401, Sept. 25.
Buxton, Sidney W., Nottingham, England. Locking device for bicycles. 2,576,773, Nov. 27.
Buys, Pieter K., Eindhoven, Netherlands, assignor to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Core and coil form. 2,563,393, Aug. 7.
Buys, Pieter K., Eindhoven, Netherlands, assignor to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Circuit arrangement for protecting an amplifying tube against overloading. 2,567,272, Sept. 11.
Buys, Pieter K., and J. M. Cluwen, Eindhoven, Netherlands, assignors to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Protection of low-frequency amplifier or output tubes against overload. 2,561,049, July 17.
Buzalski, Thomas J., Cranford, N. J., assignor to Radio Corporation of America. Television signal monitoring equipment. 2,538,503, Jan. 16.
Buzz-Boy Motor Bike Co., assignee: *See*—
Isherwood, Henry G., and Moore.
Buzzo, Thomas M.: *See*—
Corwin, John F., Calhoun, and Buzzo.
Bybee, Genoris R., Boise, Idaho. Hood reflection visor. 2,546,495, Mar. 27.
By-Buk Company, assignee: *See*—
Buck, Homer G.
Bye, Raymond S.: *See*—
Palmquist, Philip V., Schmelzle, and Bye.
Bye, Raymond S., assignor to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Sheet inserter for identifying the contents of shipping containers. 2,567,181, Sept. 11.
Byer, Clinton E., Puente, and F. A. Manley, Lynwood, Calif., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Herbicidal composition. 2,554,192, May 22.
Byerley, Garold, and J. C. King, Redding, Calif. Compressed fluid operated engine. 2,553,893, May 22.
Byers, Clifton A., and P. C. Clugh, Cuyahoga Falls, assignors to Wingfoot Corporation, Akron, Ohio. Hydraulic brake master cylinder. 2,561,009, July 17.
Byers, Eugene R., Cuyahoga Falls, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Apparatus for ejecting articles from molds. 2,572,984, Oct. 30.
Byers, Frank T., Mount Pleasant, Pa. Livestock feeding apparatus. 2,565,801, Aug. 28.
Byers, John R., Jr.: *See*—
Allen, Charles F. H., and Byers.
Byers, Ralph J., Chicago, Ill., and M. B. Christian, Tallulah, La., assignors to Chicago Mill and Lumber Company, Chicago, Ill. Paper-covered wood product and making same. 2,545,603, Mar. 20.
Bylund, Eric: *See*—
Van Armbruster, Cecil, and Bylund.
Byram, Frederick C., assignor to Robbins & Myers, Inc., Springfield, Ohio. Pump. 2,545,604, Mar. 20.
Byram, Harry A., Los Angeles, Calif., assignor, by decree of distribution, to G. N. Freeman and M. A. Nier. Casement window hinge. 2,577,738, Dec. 11.
Byrd, Berry L., Jr., assignor of one-half to F. L. Muse, Cleveland, Miss., and one-half to D. C. Byrd. Coin-controlled game counter. 2,558,170, June 26.
Byrd, D. C., assignee: *See*—
Byrd, Berry L., Jr.
Byrd, Earl B.: *See*—
Austin, Glen L., and Byrd.
Byrd, George C., Crisfield, Md. Keeping the meat of shellfish in a fresh condition. 2,546,428, Mar. 27.
Byrd, John F., Ashland, and P. W. Wildow, Moorestown, N. J., assignors to Radio Corporation of America. Resilient socket assembly. 2,560,212, July 10.
Byrne, Joe L.: *See*—
Williamson, Loyal A., Jr., and Byrne.
Byrne, John F., and F. M. Clark, Pittsfield, Mass., assignors to General Electric Company. Compound dielectric materials. 2,550,452, Apr. 24.
Byrne, Mark C., St. Louis, Mo. Shower curtain support. 2,545,648, Mar. 20.
Byrns, Alva C., Concord, Calif., assignor to Kaiser Aluminum & Chemical Corporation. Cement composition and making. 2,546,971, Apr. 3.
Byrum, Paul F., Memphis, Tenn. Antifreeze indicator. 2,540,425, Feb. 6.
Byrum, Tyra P., assignee: *See*—
Light, Cordell C.
Bywater, Sheila E., Heston, and G. J. Pritchard, Halewood, Liverpool, assignors to Ward, Blenkinsop & Company Limited, London, England. Manufacture of derivatives of disubstituted methane compounds. 2,555,114, May 29.
C. A. V. Limited, assignee: *See*—
Bevis, William A., and Thorpe.
Brook, Kenneth, and Evans.
Evans, Fraser M.
Evans, Fraser M., and Nicolls.
Kemp, Kenneth A. W.
Nicolls, Wilfrid E. W.
Nicolls, Wilfrid E. W., and Burton.
Thorpe, Ernest H. C.

C & D Batteries, Inc., assignee: *See*—
Doughty, Leon A.
C. D. Patents Limited, assignee: *See*—
Greaves, Charles D., and Smith.
Jennings, Raymond J. S., and Williams.
C. G. S. Laboratories, Inc., assignee: *See*—
Leonard, George H.
C. J. W. Corporation, assignee: *See*—
Elsner, Edwin C.
C-O-Two Fire Equipment Company, assignee: *See*—
Allen, Frank B., and Siebens.
Allen, Scott E.
Burke, Harold J.
Cahusac, Clarence N., and Allen.
Cahusac, Clarence N., and Diehl.
Kucher, Joseph E.
Cabibi, S. Philip, assignee: *See*—
Cozzolino, Rinaldo, and Bustos.
Cable, John C., Marshall, Mo. Celestial navigation instrument. 2,566,312, Sept. 4.
Cable, Julius L., Boston, Mass. Folding chair having a metallic frame. 2,552,883, May 15.
Cable and Wireless Limited, assignee: *See*—
Warburton, Fred.
Cabot, Deane A., Rumford, R. I., and F. G. De Santis, Quincy, Mass., assignors, by mesne assignments, to Reconstruction Finance Corporation, Washington, D. C. Spindle for tubular yarn carriers. 2,556,674, June 12.
Cabot, Godfrey L., Inc., assignee: *See*—
Loving, William L.
Stokes, Charles A.
Cabot, Samuel, Inc., assignee: *See*—
Hermann, Augustus H.
Cadalzo, Alvaro, New York, N. Y., assignor of one-half to M. Nathenson, Jersey City, N. J. Dispensing device for collapsible tubes. 2,548,587, Apr. 10.
Cade, George N.: *See*—
Oberfell, George G., and Cade.
Cade, George N., Bartlesville, Okla., assignor to Phillips Petroleum Company. Sulfurized lubricant. 2,545,875, Mar. 20.
Cade, George N., Bartlesville, Okla., assignor to Phillips Petroleum Company. Dehydrofluorination process. 2,572,595, Oct. 23
Cade, John W., La Canada, assignor of 30 per cent to L. W. Valbert, Barstow, 15 per cent to W. F. Barnes, Glendale, and 15 per cent to M. K. Horan, North Hollywood, Calif. Recording cyclometer. 2,554,323, May 22.
Cade, Marcus S., and J. E. McLaughlin, Chillicothe, Ohio. Dividing and scaling instrument. 2,547,745, Apr. 3.
Cade, Phillip J.: *See*—
MacDougall, Donald J., and Cade.
Cade, Phillip J., Sharon, assignor to Photoswitch, Incorporated, Cambridge, Mass. Electronic timing device. 2,574,618, Nov. 13.
Cadella, Anthony, San Leandro, Calif. Air directing means for gun type oil burners. 2,553,130, May 15.
Cadet Smokestands Company, assignee: *See*—
Dick, Marion T.
Cadie, Ve E., Alexandria, Va. Handle construction. 2,540,075, Feb. 6.
Cadillac Gage Company, assignee: *See*—
Bauer, Clarence H.
Cadillac Products, Inc., assignee: *See*—
Farrell, James A.
Hansen, George I. E.
Cadgene, Jacques, Paterson, N. J. Improving the characteristics of thermoplastic fabrics. 2,563,394, Aug. 7.
Cadman, Coin Q., Silver City, N. Mex. Portable golf ball washer having a brush and a liquid reservoir. 2,578,224, Dec. 11.
Cadman, Harry H., and J. J. Ducey, Elkhart, Ind. Chair construction. 2,579,361, Dec. 18.
Cadmus, Edgar F., Portland, Oreg. Packaging. 2,575,580, Nov. 20.
Cadorette, George, assignor to Draper Corporation, Hopedale, Mass. Shipper lever for looms. 2,556,466, June 12.
Cadot, Henry M.: *See*—
Dittmar, Harry R., and Cadot.
Cadous, Esther, New York, N. Y. Strapless brassière. 2,579,545, Dec. 25.
Cadous, Esther, New York, N. Y. Strapless garment. 2,579,546, Dec. 25.
Cadous, Esther, New York, N. Y. Garment. 2,579,547, Dec. 25.
Cadrain, Joseph A., New Britain, Conn. Windproof ash tray. 2,574,813, Nov. 13.
Caduff, John B.: *See*—
Caduff, John G. and J. B.
Caduff, John G. and J. B., Cleveland, Ohio. Safety device for use with ladders. 2,553,438, May 15.
Cadwallader, John O., Rocky Ford, Colo. Smokehouse meat rack. 2,574,319, Nov. 6.
Cadwallader, Robert, Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Vehicle body construction. 2,544,525, Mar. 6.
Cadwell, Clarence J., Carpinteria, and F. M. Adamson, Los Angeles, assignors to The Cadwell Corporation, Beverly Hills, Calif. Mechanism for automatically operating a picture slide changer of the manual type. 2,549,289, Apr. 17.
Cadwell, Clarence J., Carpenteria, and F. M. Adamson, Los Angeles, assignors to The Cadwell Corporation, Beverly Hills, Calif. Ventilating fan for picture projecting apparatus. 2,562,600, July 31.
Cadwell Corporation, The, assignee: *See*—
Cadwell, Clarence J., and Adamson.
Cadwell, Leonard E., Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Amide resins and resinous vehicles thereof. 2,540,776, Feb. 6.
Cadwell, Ralph K.: *See*—
Woock, Herbert J., and Cadwell.
Cady, Carl S., Pullman, Wash. Stubble chopper. 2,553,356, May 15.
Cady, George H., Leonia, N. J., assignor to the United States of America as represented by the United States Atomic Energy Commission. Preparation of fluorocarbons. 2,574,619, Nov. 13.
Cady, William P., Glendale, Calif. Bottle cap. 2,544,586, Mar. 6.
Caen, Kenneth G., St. Louis, Mo. Artificial lure for casting. 2,555,435, June 5.
Caesar, Orville S., Barrington, Ill. Chair structure. 2,575,487, Nov. 20.
Caesar, Orville S., Barrington, and H. C. Wiederhold, Park Ridge, assignors to The Greyhound Corporation, Chicago, Ill. Headrest-paper supply device. 2,536,592, Jan. 2.
Caesar, Orville S., Barrington, Ill., and R. Loewy, New York, N. Y., assignors to The Greyhound Corporation, Chicago, Ill. Double-deck coach. 2,563,917, Aug. 14.
Caesar, Philip D., Wenonah, N. J., assignor to Socony-Vacuum Oil Company, Incorporated. Octylthiophene preparation. 2,552,769, May 15.
Caesar, Philip D., and P. G. Waldo, Wenonah, N. J., assignors to Socony-Vacuum Oil Company, Incorporated. Alkylating thiophene with alkyl sulfate catalyst. 2,550,769, May 1.
Caestecker, Charles E., Kenilworth, assignor to American Molded Products Co., Chicago, Ill. Lamp socket construction. 2,557,337, June 19.
Cafardi, Paschal P., assignee: *See*—
Wellen, James F.
Caffrey, Howard E., Tucson, Ariz. Tab holder for license plates. 2,538,083, Jan. 16.
Cage, John M., Montclair, assignor to Cage Projects, Inc., Union, N. J. Color television. 2,553,182, May 15.
Cage, John M., Montclair, assignor to Cage Projects, Inc., Union City, N. J. Cathode-ray tube. 2,567,874, Sept. 11.
Cage, John M., Montclair, assignor to Cage Projects, Inc., Union City, N. J. Power supply. 2,568,484, Sept. 18.
Cage, John M., Montclair, assignor to Cage Projects, Inc., Union City, N. J. Power supply for image reproducing tubes. 2,568,485, Sept. 18.
Cage, John M., Montclair, assignor to Cage Projects, Inc., Union City, N. J. High-voltage power supply. 2,568,486, Sept. 18.
Cage, John M., Montclair, N. J. Cathode-ray tube. 2,569,654, Oct. 2.
Cage, John M., Montclair, assignor to Cage Projects, Inc., Union City, N. J. Condenser. 2,569,655, Oct. 2.
Cage, John M., Upper Montclair, N. J. Inhaler. 2,579,362, Dec. 18.
Cage Projects, Inc., assignee: *See*—
Cage, John M.
Caggiano, Fiore L., New York, N. Y. Body supported floodlight. 2,555,871, June 5.
Cahan, Amos, New York, N. Y. Container for blood. 2,570,639, Oct. 9.
Cahen, Herman S., University Heights, assignor to The Commercial Bookbinding Company, Cleveland, Ohio. Machine for spraying the edges of books. 2,542,623, Feb. 20.
Cahenzli, Martin T., Jr., assignor to The Harry Alter Company, Chicago, Ill. Coupler. 2,562,294, July 31.
Cahil, Joseph A., New York, N. Y. Knife sharpener. 2,544,777, Mar. 13
Cahill, Charles C., deceased, Allentown, and W. R. Schurter, Trenton, N. J.; E. T. Cahill, administratrix of said C. C. Cahill. Pattern layout device. 2,541,808, Feb. 13.
Cahill, Daniel T.: *See*—
Shaw, Duncan, Sherwood, and Cahill.
Cahill, Eleanor T., administratrix: *See*—
Cahill, Charles C., and Schurter.
Cahill, Lysle D.: *See*—
Jack, William R., Cahill, and Brinker.
Cahill, Thomas F., Chicago, Ill. Feeding attachment for addressing machines. 2,566,822, Sept. 4.
Cahoon, Nelson C.: *See*—
Zimmerman, Herman M., and Cahoon.
Cahour, Pierre: *See*—
Bonne, Robert, Cahour, and Grivet.
Cahusac, Clarence N., Newark, and F. B. Allen, Verona, assignors to C-O-Two Fire Equipment Co., Newark, N. J. Smoke detector and signal. 2,537,028, Jan. 9.
Cahusac, Clarence N., Newark, and D. A. Diehl, Arlington, assignors to C-O-Two Fire Equipment Co., Newark, N. J. Smoke detector and signal for diesel locomotives. 2,572,008, Oct. 23.
Caillard, Jean G., Le Harve, France. Clamshell bucket. 2,561,649, July 24.

Cailloux, Marcel L., Montreal, Quebec, Canada. Device for telecontrol of spatial movement. 2,545,258, Mar. 13.
Cain, Howard B., Milwaukee, Wis. Adjustable clamp for concrete forms. 2,546,537, Mar. 27.
Cain, Robert M., assignor to Wilcox-Gay Corporation, Charlotte, Mich. Envelope dispenser. 2,571,831, Oct. 16.
Cain, Willie C., and R. P. Hester, Bladenboro, N. C. Automatic stop for winding machines. 2,557,938, June 26.
Caine, Curtis W., Portsmouth, Va. Endobronchial intubating stylet. 2,541,402, Feb. 13.
Caird, Clarissa E., assignee: *See*—
Nielsen, Adolph.
Cairns, Robert E., assignor to Shawinigan Resins Corporation, Springfield, Mass. Polyvinyl butyral product. 2,571,992, Oct. 23.
Cairns, Theodore L., Newark, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. N-vinyl alkylene ureas and polymers thereof. 2,541,152, Feb. 13.
Cake, William R.: *See*—
Oppenheimer, Philip W., and Cake.
Calabrese, Carmen T., Chicago, Ill. Automatic wire stripper. 2,571,338, Oct. 16.
Calabrese, Rocco, Raritan, N. J. Floor surfacing machine. 2,557,216, June 19.
Calamari, Peter T., Deep River, and P. F. Murdock, Clinton, Conn., assignors to The Aeolian Company, New York, N. Y. Drive and control for automatic musical instruments. 2,537,571, Jan. 9.
Calamore, John P.: *See*—
Miller, Ernest C. C., and Calamore.
Calbeck, Robert L., assignor to Crane Co., Chicago, Ill. Tool for assembling radiator sections or the like. 2,560,929, July 17.
Calcutt, William H., and S. A. F. Phelps, London, England. Door actuated rotatable service cabinet. 2,577,401, Dec. 4.
Caldbeck, Charles J., Bradford, assignor to The English Electric Company Limited, London, England. Control system. 2,545,990, Mar. 20.
Caldecourt, Victor J.: *See*—
Saunderson, Jason L., Caldecourt, and Peterson.
Caldemeyer, Daniel F., Evansville, Ind. Dolly conveyer and hold-down. 2,553,357, May 15.
Calder, Alan R.: *See*—
Fienberg, Nathan, and Calder.
Calder, Caesar A., Verona, N. J. Collar support and making same. 2,560,684, July 17.
Calderbank, Philip H.: *See*—
Hayward, John E. H., and Calderbank.
Calderon, Albert, Atlanta, Ga. Toilet seat. 2,550,221, Apr. 24.
Calderon, Albert, Atlanta, Ga. Toilet seat. 2,575,208, Nov. 13.
Caldwell, Albert E., assignor to R. T. Moloney, Chicago, Ill. Hydraulic forming machine. 2,545,570, Mar. 20.
Caldwell, Archie L., assignor to Eli Lilly and Company, Indianapolis, Ind. Vitamin preparations. 2,562,840, July 31.
Caldwell, Archie L., assignor to Eli Lilly and Company, Indianapolis, Ind. Protein purification process and proteinaceous product. 2,576,066, Nov. 20.
Caldwell, Edwd. F., & Co. Inc., assignee: *See*—
Potter, Adelbert.
Caldwell, Edward S., Chicago, Ill. Cigarette package container. 2,536,721, Jan. 2.
Caldwell, Edward S., Chicago, Ill. Container for cigarette package and match book. 2,536,722, Jan. 2.
Caldwell, Eugene W., Maiden, N. C. Hot-water air heating unit. 2,567,801, Sept. 11.
Caldwell, Ferris H., Canton, N. Y. Detachable fishhook connector. 2,575,044, Nov. 13.
Caldwell, Frank W., West Hartford, assignor to United Aircraft Corporation, East Hartford, Conn. Pitch control mechanism for helicopter rotors. 2,557,338, June 19.
Caldwell, Harry B., Penketh, assignor to Electro-Hydraulics Limited, Warrington, England. Grease pump. 2,546,585, Mar. 27.
Caldwell, Harry J., assignor to Barnes Drill Co., Rockford, Ill. Apparatus for removing entrained particles from liquid coolant. 2,541,202, Feb. 13.
Caldwell, Harry J., assignor to Barnes Drill Co., Rockford, Ill. Magnetic separator. 2,564,593, Aug. 14.
Caldwell, John A., Philadelphia, Pa., assignor, by mesne assignments, to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Print-wheel mechanism. 2,542,475, Feb. 20.
Caldwell, John A., Philadelphia, Pa., assignor, by mesne assignments, to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Instrument mounting mechanism. 2,562,260, July 31.
Caldwell, John R.: *See*—
Hagemeyer, Hugh J., Jr., Oglesby, and Caldwell.
Caldwell, John R., Hampton, Ga., assignor to Southern States Equipment Corporation. Electric switch. 2,545,940, Mar. 20.
Caldwell, John R., Kingsport, Tenn., assignor to Eastman Kodak Company, Rochester, N. Y. Ternary interpolymers comprising acrylonitrile and fumaric acid. 2,541,011, Feb. 13.
Caldwell, John R., Kingsport, Tenn., assignor to Eastman Kodak Company, Rochester, N. Y. Solutions of polyamides. 2,544,637, Mar. 13.
Caldwell, John R., Kingsport, Tenn., assignor to Eastman Kodak Company, Rochester, N. Y. Copolymers of acrylonitrile and N-allyl and N-2-methallyl ureas. 2,544,638, Mar. 13.
Caldwell, John R., Kingsport, Tenn., assignor to Eastman Kodak Company, Rochester, N. Y. Preparation of protein solutions. 2,559,848, July 10.
Caldwell, John R., Kingsport, Tenn., assignor to Eastman Kodak Company, Rochester, N. Y. Acrylyl sulfanilamides and polymers thereof. 2,566,162, Aug. 28.
Caldwell, Joseph M., Arlington, Va. Variable orifice flow-control apparatus. 2,544,948, Mar. 13.
Caldwell, Paul, Portlock, and D. C. Kieffer, assignors to Smith-Douglass Company, Inc., Norfolk, Va. Production of potassium silicofluoride. 2,556,064, June 5.
Caldwell, Rufus H., Lake Katonah, N. Y. Condenser. 2,556,838, June 12.
Caldwell, Stephen A., Jr., Haddon Heights, N. J., assignor to Radio Corporation of America. Microphone sound filter. 2,536,261, Jan. 2.
Caldwell, Walter B.: *See*—
Koppel, Ernst R., and Caldwell.
Caldwell, William A., Leesburg, Tex. Air valve, relief valve, and pressure signal for pneumatic tires. 2,549,571, Apr. 17.
Calefactor Corporation, The, assignee: *See*—
Denker, Charles T., and Moore.
Calemmo, Lawrence J., New York, N. Y. Boat hook. 2,550,770, May 1.
Calfee, John D.: *See*—
Florio, Patrick A., and Calfee.
Calfee, John D., Manhasset, N. Y., and L. B. Smith, Woodbridge, N. J., assignors to Allied Chemical & Dye Corporation. Manufacture of tetrachlorodifluoroethane. 2,566,163, Aug. 28.
Calfee, John D., Manhasset, assignor to Allied Chemical & Dye Corporation, New York, N. Y. Fumigation with 1,1-difluoroethylfluosulfonates. 2,570,917, Oct. 9.
Calfee, John D., Manhasset, N. Y., and L. B. Smith, Woodbridge, N. J., assignors to Allied Chemical & Dye Corporation, New York, N. Y. Manufacture of fluorochloromethanes. 2,572,913, Oct. 30.
Calgon, Incorporated, assignee: *See*—
Liddell, Robert W., Jr.
Markson, Alfred A.
Calhoun, Ann E., administratrix: *See*—
Calhoun, Taylor P.
Calhoun, George H., and H. Allen, Houston, Tex., assignors to Shell Development Company, San Francisco, Calif. Equipment for inserting small flexible tubing into high-pressure wells. 2,567,009, Sept. 4.
Calhoun, Ingram X., Oklahoma City, Okla. Hydraulic tongs. 2,544,639, Mar. 13.
Calhoun, James D., West Monroe, La. Log turner and deck block for sawmills. 2,579,901, Dec. 25.
Calhoun, John A., Jr., Swarthmore, Pa., assignor to American Viscose Corporation, Wilmington, Del. Production of cellulose xanthate. 2,558,038, June 26.
Calhoun, John A., Jr., and F. C. Wedler, Swarthmore, Pa., assignors to American Viscose Corporation, Wilmington, Del. Viscose production. 2,558,037, June 26.
Calhoun, John R.: *See*—
Corwin, John F., Calhoun, and Buzzo.
Calhoun, Norman C.: *See*—
Derbenwick, Frank, Ryan, and Calhoun.
Calhoun, Taylor P., deceased, Fall River, Mass.; A. E. Calhoun, administratrix. Laundry apparatus for washing and centrifuging clothes. 2,559,708, July 10.
Calhoun, Wendell W., Portland, Oreg. Sequence switch apparatus. 2,561,686, July 24.
Calhoun, William N.: *See*—
Krause, Fred, and Calhoun.
Calico Printers' Association Limited, The: *See*—
Yelland, Neil W.
Caliendo, Thomas A., South Ozone Park, N. Y. Pipe reaming and burring attachment for stock and die implements. 2,547,195, Apr. 3.
California Cedar Products Company, assignee: *See*—
Hagan, Owen C.
California Company, The, assignee: *See*—
Babb, John J., and Smith.
California Fruit Growers Exchange, assignee: *See*—
Cole, Gordon M.
Hull, Robert R.
Stevens, Jesse W., Pritchett, and Baier.
California Institute Research Foundation, assignee: *See*—
Lauritsen, Charles C.
California Machinery and Supply Co., Ltd., assignee: *See*—
Ostling, William.
California Packing Corporation, assignee: *See*—
Morine, Charles V.
Richardson, Alan C., and Dimick.
California Research Corporation, assignee: *See*—
Arnold, Jerome H.
Barusch, Maurice R., and Denison.
Bates, William A.
Brooke, Lloyd F., Cull, and Berlenbach.
Bryan, Lloyd.
Collins, George A., Russell, and Colahan.
Condit, Paul C.
Darragh, John L., and Miller.

California Research Corporation, assignee: *See*—Con.
Davis, Vincent C.
Denison, George H., Jr., and Goldschmidt.
Egan, Clark J.
Elwell, William E.
Elwell, William E., and Ballmer.
Elwell, William E., and Castro.
Elwell, William E., and Meier.
Everett, Clyde S., and Ellis.
Gaby, Philip P.
Haynor, Robert L.
Hetzner, Howard P., and Rutherford.
Holm, Melvin M., and Langlois.
Hotten, Bruce W.
Kemp, Jacob D., and Brooke.
Miller, Robert J.
Miller, Robert J., and Condit.
Parker, Frank M.
Postlewaite, William R.
Spence, John A.
Stewart, William T.
Stewart, William T., and Clayton.
Toland, William G., Jr.
Wiener, Tibor.

California Rotary Plow Company, assignee: *See*—
Patterson, Louis L.

California Spray-Chemical Corporation, assignee: *See*—
Harris, Leonard W.

Caligiuri, Carmen J.: *See*—
Gustafson, Jarl A., Caligiuri, and Kumza.

Calingaert, George, Detroit, Mich., assignor to Ethyl Corporation, New York, N. Y. Recovery of calcium in admixture with sodium. 2,543,399, Feb. 27.

Calingaert, George, Geneva, N. Y., and H. Shapiro, Detroit, Mich, assignors to Ethyl Corporation, New York, N. Y. Manufacture of alkyllead compounds. 2,558,207, June 26.

Calingaert, George, Geneva, N. Y., and H. Shapiro, Detroit, Mich., assignors to Ethyl Corporation, New York, N. Y. Manufacture of alkyllead compounds. 2,562,856, July 31.

Caliri, Joseph L., Orange, N. J., assignor, by mesne assignments, to Caliri Manufacturing Co., Inc., Lawrence, Mass. Soldering gun. 2,560,552, July 17.

Caliri, Joseph L., Orange, N. J., assignor, by mesne assignments, to Caliri Manufacturing Co., Inc., Lawrence, Mass. Soldering gun. 2,570,762, Oct. 9.

Caliri Manufacturing Co., Inc., assignee: *See*—
Caliri, Joseph L.

Cali-Quilt Furniture Mfg. Co., assignee: *See*—
Weiss, Nathan M.

Calis, Jean: *See*—
Danzin, André, and Calis.

Calkin, Frank G., Glen Rock, N. J., assignor, by mesne assignments, to Pierce Company, Providence, R. I. Facsimile wet electrolytic recording. 2,570,096, Oct. 2.

Calkins, Robert W., Racine, Wis. Portable air controller. 2,559,495, July 3.

Calkins, William H., assignor to E. I. du Pont de Nemours and Company, Wilmington, Del. Removal of impurities from dicyanobutene. 2,557,258, June 19.

Callaghan, Cornelius J.: *See*—
Quillin, Robert E., Coulter, and Callaghan.

Callaghan Hession Corporation, assignee: *See*—
Asaff, Annis G., and Donelson.

Callaghan, Robert W., and L. W. Berglund, Minneapolis, Minn., assignors to General Mills, Inc. Dehydrated apples. 2,541,859, Feb. 13.

Callahan Can Machine Co., Inc., assignee: *See*—
Fawcett, Richard A., and Troue.

Callahan, Harold, Tulsa, Okla. Rod packing. 2,573,832, Nov. 6.

Callahan, Henry O., administrator: *See*—
Super, Paul J.

Callahan, Howard E.: *See*—
Fasold, George A., and Callahan.

Callahan, John T.: *See*—
Lahmeyer, John D., and Callahan.

Callahan, John T., Jr.: *See*—
Pitcher, James W., and Callahan, Jr.

Callahan, John X. J., Wilkes-Barre, Pa. Multiplex laminated poster. 2,549,419, Apr. 17.

Callahan, Lester, assignee: *See*—
Taylor, Howard A.

Callahan, Randall B., and R. R. Gripp, Santa Monica, Calif. Seal opener. 2,566,653, Sept. 4.

Callahan, Thomas F., West Newton, and F. G. White, Watertown, Mass. Register. 2,576,102, Nov. 27.

Callan, Patrick J., Great Neck, N. Y. Collapsible form for concrete wall construction. 2,544,297, Mar. 6.

Callan, Patrick J., Manhasset, N. Y. Collapsible form for forming window or door openings in concrete walls. 2,557,631, June 19.

Callander Foundry & Manufacturing Co., Limited, assignee: *See*—
Copp, William.

Callaway Mills Company, assignee: *See*—
Davis, Samuel J., and Colvin.
Perkerson, Fred S.

Callen Manufacturing Corporation, assignee: *See*
Anderson, Carl E.

Callender, Albert, and A. B. Stevenson, deceased, Northwich, England, by Leeds and Northrup Company, assignee, assignors, by mesne assignments, to Leeds and Northrup Company, Philadelphia, Pa. Automatic control of variable physical characteristics. Re. 23,366, May 22.

Callender, Edward W.: *See*—
Smith, Joseph J., Lynn and Callender.

Callender, Edwin M.: *See*—
Burton, John E., and Callender.

Callender, Edwin M., Cynwyd, assignor to The Budd Company, Philadelphia, Pa. Heating apparatus. 2,545,805, Mar. 20.

Callender, Edwin M., Cynwyd, assignor to The Budd Company, Philadelphia, Pa. Electric control system for heating of enclosures. 2,556,065, June 5.

Callender, Edwin M., Cynwyd, assignor to The Budd Company, Philadelphia, Pa. System of modulated room and window heating. 2,557,906, June 19.

Callender Foundry & Manufacturing Co., Limited, The, assignee: *See*—
Copp, William.

Calles, Isaac, and J. Bucatinsky, Buenos Aires, Argentina. Machine for applying substances on irregular shape articles. 2,539,988, Jan. 30.

Calling, John, Evansville, Ind., assignor to International Harvester Company. Combination lid supporting brace and latching device. 2,551,415, May 1.

Callison, Emory A., Chariton, Iowa. Motorized lawn mower. 2,566,164, Aug. 28.

Callison, Robert B.: *See*—
Grenstad, Arvid, and Callison.

Calloway, Walter R., Norton, Va. Crankcase cleaner. 2,553,894, May 22.

Calmic Inc., assignee: *See*—
Ward, Harold.

Caloric Stove Corporation, assignee: *See*—
Klein, Gustav.

Calton, Joseph G., Buffalo, and Q. J. O'Brien, Kenmore, N. Y., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Wet-spinning process. 2,555,300, June 5.

Calumet and Hecla Consolidated Copper Company, assignee: *See*—
Hill, Walter P.

Caluthis, Nick, New York, N. Y. Sanitary neck protector. 2,544,487, Mar. 6.

Calvert, Bert S., Los Angeles, Calif. Boom for excavators or the like. 2,560,412, July 10.

Calvert, Clarence C., assignee: *See*—
Engle, Thomas M.

Calvert, John F., Huntington, Ind. Pot lid holder. 2,543,832, Mar. 6.

Calvert, William D., Cuyahoga Falls, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Polyethylene as a liner for tacky rubber. 2,541,498, Feb. 13.

Camarero, George L., New York, N. Y. Shock absorber. 2,553,237, May 15.

Cambern, Cecil M., Portland, Oreg., assignor to Phillips Screw Company. Manufacturing screw drivers. 2,537,029, Jan. 9.

Cambern, Cecil M., Portland, Oreg., assignor to Phillips Screw Company. Manufacturing screw drivers. 2,565,948, Aug. 28.

Cambridge Thermionic Corporation, assignee: *See*—
Franklin, Constance W.
Frondel, Clifford.

Cambron, Adrien, and F. L. W. McKim, assignors to The Honorary Advisory Council for Scientific and Industrial Research, Ottowa, Ontario, Canada. Production of ethylene oxide by the catalytic oxidation of ethylene. 2,562,857, July 31.

Cambron, Adrien, and F. L. W. McKim, assignors to National Research Council, Ottawa, Ontario, Canada. Silver-calcium catalyst and its preparation. 2,562,858, July 31.

Camero, Cesar G. G., Lawton, Habana, Cuba. Sandal with vamp piece spaced above sole. 2,551,723, May 8.

Cameron, Donald W., Chino, Calif. Flight timer and retractable landing gear, for model airplanes. 2,551,788, May 8.

Cameron, Hugh J.: *See*—
Wilmotte, Raymond M., Cameron, and Young.

Cameron Iron Works, assignee: *See*—
Allen, Herbert.
Allen, Herbert, and Nevill.
Allen, Herbert, and Works.
Meador, Horace C., and Works.
Works, Madden T.

Cameron Machine Company, assignee: *See*—
Carter, Thomas N.

Cameron, Mortimer B.: *See*—
Canetta, John, and Cameron.

Cameron, Peter C., Washington, D. C. Teething aid. 2,566,595, Sept. 4.

Cameron, Robert T., Knoxville, Tenn. Beverage making apparatus. 2,560,214, July 10.

Cameron, William J., Chicago, Ill. Inspection device. 2,544,914, Mar. 13.

Cameron, William J., Chicago, Ill. Making viewing tubes. 2,544,915, Mar. 13.

Cameron, William J., Chicago, Ill. Pressure indicating and recording apparatus. 2,556,645, June 12.

Cameron, William J., Chicago, Ill. Pressure indicating apparatus. 2,556,646, June 12.
Cameron, William T., Barrie, Ontario, Canada. Massaging machine. 2,577,646, Dec. 4.
Camfield Manufacturing Company, assignee: *See*—
Miller, Robert A.
Olson, Henry L., and Miller.
Camilli, Guglielmo: *See*—
Clark, Frank M., and Camilli.
Camilly, Roger L., Cleveland, and O. F. Quartullo, South Euclid, assignors to The Euclid Road Machinery Co., Euclid, Ohio. Front axle suspension assembly. 2,553,746, May 22.
Camin, Etienne L. A., New York, N. Y., S. E. Hybinette, and H. B. Taylor, Wilmington, Del., assignors, by mesne assignments, to Kenmore Metals Corporation. Electrodeposition with nickel. 2,576,922, Dec. 4.
Caminez, Hazel, executrix: *See*—
Hoffman, Samuel K., and Caminez.
Camner, Hilding G.: *See*—
Pyk, Herman T., and Camner.
Camp, Archie B., Rockville, Md., and R. E. Cross, Washington, D. C. Triggered fishing device. 2,552,516, May 15.
Camp, James B., Fairfield, Ala., assignor to Tennessee Coal, Iron and Railroad Company. Sheet counter. 2,567,422, Sept. 11.
Camp, John M., Tulsa, Okla. assignor to Standard Oil Development Company. Coring and crushing bit. 2,549,420, Apr. 17.
Camp, Leon W., State College, Pa., assignor by mesne assignments, to The Pennsylvania Research Corporation. Magnetostriction transducer. 2,550,771, May 1.
Camp, Marshall F., Creston, Iowa. Self-contained rising shade. 2,547,373, Apr. 3.
Camp, Samuel C.: *See*—
Stevens, Donald R., and Camp.
Camp, Thomas P., Arlington Heights, assignor to United States Gypsum Company, Chicago, Ill. Making wallboard. 2,537,509, Jan. 9.
Camp, Thomas P., Arlington Heights, assignor to United States Gypsum Company, Chicago, Ill. Producing water-repellent gypsum sheathing board. 2,560,521, July 10.
Camp, Thomas P., Arlington Heights, assignor to United States Gypsum Company, Chicago, Ill. Plasterboard. 2,562,859, July 31.
Campagna, Salvatore A. and V. J., San Jose, Calif. Adapter saddle for vehicle hoist. 2,568,271, Sept. 18.
Campagna, Salvatore A. and V. J., San Jose, Calif. Adapter saddle for vehicle hoist. 2,568,272, Sept. 18.
Campagna, Vincent J.: *See*—
Campagna, Salvatore A. and V. J.
Campaigne, Ernest E., Monroe County, Ind., and W. M. Le Suer, Cuyahoga County, Ohio, assignors to Indiana University Foundation, Monroe County, Ind. N,N-dimethyl - N′-(3-thienylmethyl)-N′-(alpha-pyridyl)-ethylenediamine. 2,543,544, Feb. 27.
Campanelli, Anthony M., New York, N. Y. Step-on can with dustpan. 2,549,572, Apr. 17.
Campanelli, Ted R., Jersey City, N. J. Folding chair. 2,536,157, Jan. 2.
Campanile, Dominic: *See*—
Dodge, John S., and Campanile.
Campano, Mary, assignee: *See*—
Tricarico, Joseph R.
Campbell, Archie D., Whiting, Ind. Vehicle periscope. 2,551,243, May 1.
Campbell, Arthur W., assignor to Commercial Solvents Corporation, Terre Haute, Ind. Manufacture of stabilized, heat-vulcanizing rubber cements. 2,562,139, July 24.
Campbell, Bowen, Des Moines, Iowa. Portable drier. 2,541,332, Feb. 13.
Campbell, Charles H., Bedford, R. E. Griffiths, Cleveland Heights, and W. T. Cramer, Rocky River, Ohio, assignors to The American Steel and Wire Company of New Jersey. Electromagnetic recorder wire and making it. 2,578,782, Dec. 18.
Campbell, Charles H., Fort Wayne, Ind. Book opening and closing device. 2,540,244, Feb. 6.
Campbell, Clyde L., Champaign, and C. J. Grimm, Peoria, Ill. Napkin dispenser. 2,540,930, Feb. 6.
Campbell, Date S., assignor to McGraw Electric Company, Elgin, Ill. Toaster. 2,542,231, Feb. 20.
Campbell, Duncan, deceased, Glasgow, Scotland; E. and J. L. Campbell, executrices of said D. Campbell. Machine for sharpening saws. 2,556,794, June 12.
Campbell, Edward J.: *See*—
Porter, Rotheus B., Jr., and Campbell.
Campbell, Elizabeth, executrix: *See*—
Campbell, Duncan.
Campbell Engineering Co. Limited, assignee: *See*—
Ludlow, James A.
Campbell, Erwin A.: *See*—
Woolslayer, Homer J., Campbell, and Jenkins.
Campbell, Erwin A., Wexford, assignor to Lee C. Moore Corporation, Pittsburgh, Pa. Well spudder. 2,577,105, Dec. 4.
Campbell, Frank G., Arlington, Va. Water tower forming, flexible hose section. 2,554,894, May 29.
Campbell, George E., Sr., McKeesport, Pa. Collapsible tube holder and dispenser wherein a ratcheting mechanism winds the tube on a drum. 2,570,204, Oct. 9.
Campbell, George R., Saltcoats, Scotland, assignor to Imperial Chemical Industries Limited. Manufacture of aminoguanidine compounds. 2,537,328, Jan. 9.
Campbell, H. John, Arlington, Va. Boiler feed recycling valve combined with a boiler water level control valve. 2,542,624, Feb. 20.
Campbell, Harold E.: *See*—
Mainwaring, John L., and Campbell.
Campbell, Harris S., Bryn Athyn, Pa., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Aircraft rotor hub construction. 2,537,623, Jan. 9.
Campbell, Harris S., Bryn Athyn, assignor to Autogiro Company of America, Philadelphia, Pa. Pitch control mechanism for pivoted blade aircraft sustaining rotors. 2,540,473, Feb. 6.
Campbell, Harry C., Painesville, assignor of twenty-five per cent to R. K. Thrasher, Chardon, Ohio. Artificial foot and ankle joint. 2,551,724, May 8.
Campbell, Henry H., Cleveland, Ohio. Compartmented key holder. 2,541,333, Feb. 13.
Campbell, James A., Berkeley, Calif., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake control apparatus. 2,545,512, Mar. 20.
Campbell, James F., Milton, Mass. Tabernacle. 2,558,898, July 3.
Campbell, Jessie L., executrix: *See*—
Campbell, Duncan.
Campbell, John E., assignor to Polaroid Corporation, Cambridge, Mass. Dehydrohalogenated polyvinyl chloride polarizer. 2,572,315, Oct. 23.
Campbell, La Vern A., Grayslake, Ill. Detachable cab. 2,557,339, June 19.
Campbell, Lyman L.: *See*—
Hodson, George F., and Campbell.
Campbell Manufacturing Company Limited, assignee: *See*—
Pollitt, Donovan H., and Hawe.
Campbell, Norman R., M. E. H. Fitzgerald, H. O. J. Collier, and J. H. Dunsmuir, assignors to Allen & Hanburys Limited, London, England. Indolopteridines and preparing same. 2,556,574, June 12.
Campbell, Paul J., assignor to Raymond Engineering Laboratory, Inc., Middletown, Conn. Tensiometer. 2,538,932, Jan. 23.
Campbell, Paul J., Manchester, assignor to United Aircraft Corporation, East Hartford, Conn. Multiple pressure recorder. 2,551,526, May 1.
Campbell, Paul J., assignor to United Aircraft Corporation, East Hartford, Conn. Control for cooling air ejectors. 2,553,131, May 15.
Campbell, Paul J., assignor to United Aircraft Corporation, East Hartford, Conn. Velocity measuring device. 2,569,974, Oct. 2.
Campbell, Phillip: *See*—
Goodwin, John S., and Campbell.
Campbell, Ramsey G., Richmond, Calif., assignor to Stauffer Chemical Company. Separating the isomers of hexachlorocyclohexane. 2,573,676, Nov. 6.
Campbell, Ray, Ardrossan, W. E. Tetlow, Saltcoats, and R. H. K. Thomson, Fairlie, Scotland, assignors to Imperial Chemical Industries Limited. Insolubilizing artificial filaments of vegetable protein. 2,565,908, Aug. 28.
Campbell, Richard H., assignor to Webster Electric Company, Racine, Wis. Intercommunication apparatus. 2,547,854, Apr. 3.
Campbell, Richard H., assignor to Webster Electric Company, Racine, Wis. Communication apparatus. 2,547,855, Apr. 3.
Campbell, Robert T., assignor to the North Electric Manufacturing Company, Galion, Ohio. Dial-back trunking system for telephone exchanges. 2,570,763, Oct. 9.
Campbell, Rollie P., *See*—
De Coriolis, Ernest G., and Campbell.
Campbell, Rollin E., Anderson, Ind. Photoelectric musical instrument. 2,559,276, July 3.
Campbell, Samuel, Chicago, Ill. Safety cable. 2,540,426. Feb. 6.
Campbell, Samuel J., Green Bay, Wis. Wrapping machinery and method. 2,546,721, Mar. 27.
Campbell, Samuel J., Green Bay, Wis. Toilet roll winder. 2,569,797, Oct. 2.
Campbell, Shirley P., assignor to The Coleman Company, Inc., Wichita, Kans. Vaporizing pot type burner. 2,565,677, Aug. 28.
Campbell Taggart Research Corporation, assignee: *See*—
Archer, Irving M.
Campbell, Thomas A., assignor to Stewart-Warner Corporation, Chicago, Ill. Lubricant receiving fitting. 2,539,989, Jan. 30.
Campbell, Thomas J., San Francisco, Calif. Mop clamp with lockable spring bar. 2,568,218, Sept. 18.
Campbell, Tom W.: *See*—
Leitten, Carl F., and Campbell.
Campbell, Willard S., Hampshire, assignor, by mesne assignments, to Cherry-Burrell Corporation, Chicago, Ill. Rotary can washer. 2,558,818, July 3.
Campbell, William E., Bridgeport, Pa. Producing maps. 2,537,329, Jan. 9.

Campbell, William E., Jr.: *See*—
Crutchfield, Leslie M., Campbell, and Mace.
Campbell, Wyant & Cannon Foundry, Co., assignee: *See*—
Wyant, Ira A.
Campion, Catherine M.: assignee: *See*—
Benedict, Lloyd D.
Campise, Nash O., assignor to Houston Oil Field Material Company, Inc., Houston, Tex. Mixture for controlling properties of drill fluids. 2,560,930, July 17.
Campos, Francisco, assignor to Societe Civile des Brevets Logabax, Paris, France. Calculating machine. 2,562,172, July 31.
Camps, Alfred, Milwaukee, Wis. Device for filling a plurality of bags with a predetermined quantity of potatoes or the like. 2,557,939, June 26.
Camras, Marvin, assignor to Armour Research Foundation of Illinois Institute of Technology, Chicago, Ill. Magnetic record member. 2,536,029, Jan. 2.
Camras, Marvin, assignor to Armour Research Foundation of Illinois Institute of Technology, Chicago, Ill. Electromagnetic transducer head. 2,536,030, Jan. 2.
Camras, Marvin, assignor to Armour Research Foundation of Illinois Institute of Technology, Chicago, Ill. Electromagnetic transducer head. 2,539,400, Jan. 30.
Camras, Marvin, assignor to Armour Research Foundation of Illinois Institute of Technology, Chicago, Ill. Electromagnetic transducer head. 2,540,711, Feb. 6.
Camras, Marvin, assignor to Armour Research Foundation of Illinois Institute of Technology, Chicago, Ill. Magnetic transducer head. 2,549,771, Apr. 24.
Camras, Marvin, assignor to Armour Research Foundation of Illinois Institute of Technology, Chicago, Ill. Binaural magnetic recorder. 2,561,338, July 24.
Camras, Marvin, assignor to Armour Research Foundation of Illinois Institute of Technology, Chicago, Ill. Magnetic record medium and making the same. 2,566,441, Sept. 4.
Camras, Marvin, Chicago, Ill., assignor to Armour Research Foundation of Illinois Institute of Technology. Magazine type magnetic recording and reproducing device. 2,572,596, Oct. 23.
Camras, Martin, assignor to Armour Research Foundation of Illinois Institute of Technology, Chicago, Ill. Automatic stop for magnetic recorders. 2,572,985, Oct. 30.
Camras, Marvin, assignor to Armour Research Foundation of Illinois Institute of Technology, Chicago, Ill. Switch for use with a perforated tape. 2,574,688, Nov. 13.
Camras, Marvin, Chicago, and R. E. Zenner, Brookfield, assignors to Armour Research Foundation of the Illinois Institute of Technology, Chicago, Ill. Coupling circuit for magnetic recorders. Re. 23,383, July 3.
Camuso, Romualdo, Irvington, N. J., assignor to The Lionel Corporation, New York, N. Y. Toy locomotive. 2,551,416, May 1.
Canada, Alfred H., Schenectady, N. Y., assignor to General Electric Company. Thermopile construction. 2,562,696, July 31.
Canada Cycle and Motor Company Limited, assignee: *See*—
Shakesby, Leonard.
Canada Foils Limited, assignee: *See*—
Hutt, John W.
Canadian Industries Limited, assignee: *See*—
Allenby, Owen C. W.
Allenby, Owen C. W., and Harris.
Kerr, Hugh M., and Hall.
Morehouse, Fred R., and Hornibrook.
Segall, Gordon H.
Segall, Gordon H., and Allenby.
Canadian International Paper Company, assignee: *See*—
Clarke, Harold E.
Canadian Hanson and Van Winkle Company Limited, assignee: *See*—
Canadian Radium and Uranium Corporation, assignee: *See*—
Pregel, Alexander.
Canadian Refractories Limited, assignee: *See*—
Lathe, Frank E.
Canadian Westinghouse Company, Limited, assignee: *See*—
Jones, Alonzo C.
Canady, Buel H., Huntington Park, Calif., and C. J. Wiley, Winslow, Ariz. Demountable wheel for automotive vehicles. 2,552,034, May 8.
Canal National Bank of Portland, The, trustee, assignee: *See*—
Randall, Walter H.
Richards, Victor L.
Shepard, Ernest L.
Cananea Consolidated Copper Company, S. A., The, assignee: *See*—
Wasley, William A., and MacIntosh.
Wraith, William, Jr.
Canazzi, Henry D., Buffalo, N. Y., and W. S. Pawl, Prince Georges County, Md. Rotary internal-combustion engine of the helical piston type. 2,553,548, May 22.
Candee, Ellsworth T., Watertown, Conn., assignor, by mesne assignments, to Technicraft Laboratories, Inc. Flexible corrugated seamless metal tubing. 2,563,578, Aug. 7.
Candee, Zenas P., Watertown, assignor to The Waterbury Farrel Foundry & Machine Company, Inc., Waterbury, Conn. Positive jaw clutch for power presses. 2,559,709, July 10.
Candioto, Thomas E., New Castle, Pa. Artificial bait. 2,578,041, Dec. 11.
Candler-Hill Corporation, assignee: *See*—
Miller, Joseph C.
Candlin, James E., Jr.: *See*—
Murphy, Frank L., and Candlin.
Candlin, James E., Jr., Chicago, Ill., and R. W. Brown; said Brown assignor to The Firestone Tire & Rubber Company, Akron, Ohio, and said Candlin assignor to Pullman-Standard Car Manufacturing Company. Railway vehicle suspension. 2,537,637, Jan. 9.
Candolini, Giuseppe, Lausanne, Switzerland, and K. Pfotenhauer, Milano, Italy. Pocket oil can with fluid discharge adjustable within fine limits. 2,556,994, June 12.
Canetta, John, Hempstead, N. Y., and M. B. Cameron, Edgewood, assignors to The Westinghouse Air Brake Company, Wilmerding, Pa. Automatic coupler apparatus. 2,553,809, May 22.
Canfield, H. O., Co., The, assignee: *See*—
Foley, John D.
Canfield, Joseph A., Seattle, Wash. Manufacture of candy coated apples or the like. 2,558,234, June 26.
Canfield, Robert W., West Hartford, assignor to Plax Corporation, Hartford, Conn. Apparatus for forming plastic sheets. 2,541,203, Feb. 13.
Canfield, William B.: *See*—
Hessel, Frederick A., and Canfield.
Rust, John B., and Canfield.
Canfora, Arthur E.: *See*—
Shenk, Eugene R., and Canfora.
Canfora, Arthur E., Brooklyn, N. Y., assignor to Radio Corporation of America. Electronic phase shifting system. 2,564,559, Aug. 14.
Canfora, Arthur E., Brooklyn, N. Y., assignor to Radio Corporation of America. Fractional frequency divider. 2,572,698, Oct. 23.
Canine, Harry C., Chicago, Ill. Substance filling and dispensing apparatus. 2,545,605, Mar. 20.
Canjar, Mathew H., Denver, Colo. Set trigger mechanism for firearms. 2,556,025, June 5.
Canning Machinery, Inc., assignee: *See*—
Hibbard, Schuyler M.
Canning Town Glass Works Limited, assignee: *See*—
Farrow, Percy, and Honey.
Cannon, Clarence A., Johnston, S. C. Attachment for multiple shuttle looms for preventing fouling of the filling threads. 2,570,764, Oct. 9.
Cannon, Earl, Downers Grove, assignor to American Steel Foundries, Chicago, Ill. Hydraulic circuit for operating hydraulic motors. 2,539,361, Jan. 23.
Cannon, Earl, Downers Grove, and J. N. Heater, Flossmoor, assignors to American Steel Foundries, Chicago, Ill. Automatic press. 2,543,759, Mar. 6.
Cannon, Earl, Downers Grove, assignor to American Steel Foundries, Chicago, Ill. Transfer molding press. 2,556,795, June 12.
Cannon, George E.: *See*—
Nolley, John P., and Cannon.
Cannon, James H., deceased, Pasadena, Calif.; Citizens National Trust & Savings Bank of Los Angeles and R. J. Cannon, executors of said J. H. Cannon. Directional-beam lighting unit. 2,536,533, Jan. 2.
Cannon, Kenneth E., St. Paul, Minn. Fish lure. 2,573,399, Oct. 30.
Cannon, Madison M., Jr., West Hartford, Conn., assignor to Emhart Manufacturing Company. Charging melting tanks with glass batch and apparatus therefor. 2,556,467, June 12.
Cannon, Madison M., Jr., West Hartford, Conn., assignor to Emhart Manufacturing Company. Stirring and impelling implement for molten glass. 2,563,099, Aug. 7.
Cannon, Madison M., Jr., West Hartford, and J. S. Light, Simsbury, Conn., assignors to Emhart Manufacturing Company. Gas burner flame arrester. 2,572,445, Oct. 23.
Cannon, Robert J., executor: *See*—
Cannon, James H.
Cannon, Wayne D., Hohokus, N. J., assignor to Wright Aeronautical Corporation. Antidetonant injection system. 2,560,213, July 10.
Cannon, William D., Metuchen, N. J., assignor to The Western Union Telegraph Company, New York, N. Y. Oscilloscope system. 2,552,884, May 15.
Cantalupo, Francis J.: *See*—
Fennema, Richard, and Cantalupo.
Cantalupo, Francis J., Chicago, E. P. De Craene, Westchester, E. G. Schmidt, Western Springs, R. P. Setka, Chicago, and C. W. Yant, Westchester, assignors to Crane Co., Chicago, Ill. Valve for automatic washing machines. 2,548,516, Apr. 10.
Cantalupo, Francis J., Chicago, E. P. De Craene, Westchester, and R. P. Setka, assignors to Crane Co., Chicago, Ill. Temperature control mechanism. 2,569,402, Sept. 25.
Cantello, Carl J., Brooklyn, N. Y. Sash lock. 2,560,274, July 10.
Canter, George G., New York, N. Y. Seal. 2,554,520, May 29.

Canter, George G., New York, N. Y. Seal. 2,554,521, May 29.
Canter, George G., New York, N. Y. Bag seal. 2,578,504, Dec. 11.
Cantieri Riuniti Dell 'Adriatico, S. A., assignee: *See*—
Zani, Ermanno.
Cantin, Gaston E., Jr., Poughkeepsie, N. Y. Liquid filter and purifier. 2,537,965, Jan. 16.
Cantley, Joseph C., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Rough rounding machine for stitchdown shoes. 2,543,760, Mar. 6.
Canton Cast Products Company, The, assignee: *See*—
Smith, Ellsworth M.
Cantor, Jacob J., Los Angeles, Calif. Preparing dental investments and the like. 2,566,596, Sept. 4.
Cantral, John I.: *See*—
Silver, Walter H., and Cantral.
Cantrell, Troy L.: *See*—
Hill, Mark L., Cantrell, and Smith.
Smith, Herschel G., and Cantrell.
Smith, Herschel G., Cantrell, and Hill.
Smith, Herschel G., Cantrell, and Peters.
Smith, Herschel G., Hill, and Cantrell.
Canvas Products Company of Kansas City, assignee: *See*—
Eshnaur, Vance D.
Caoutchouc Industriel et Derives "Cid," assignee: *See*—
Peigney, Maurice.
Capano, Vito, Irvington, N. J. Holder for a pack of cigarettes. 2,547,620, Apr. 3.
Cape Ann Manufacturing Company, assignee: *See*—
Bell, Richard S.
Cape, Arthur T., and C. V. Foerster, assignors to Coast Metals, Inc., Canton, Ohio. Weld rod coatings. 2,553,132, May 15.
Capell, Robert G., assignor to Gulf Research & Development Company, Pittsburgh, Pa. Wax compositions and making same. 2,559,398, July 3.
Capellaro, Natale, Milan, Italy, assignor to Ing. C. Olivetti & C. S. p. A. Multifunction control key. 2,545,649, Mar. 20.
Capen, Harold N.: *See*—
De Rosa, Louis A., Lundburg, and Capen.
Capetta, Ernest, Lodi, N. J. Pawl type one-way brake. 2,553,630, May 22.
Capital Machine Company, assignee: *See*—
Koss, Louis F.
Caplan, Helen H., assignee: *See*—
Hopp, Philip, and L.
Caplan, Solomon: *See*—
Wasserman, David, and Caplan.
Caplan, Solomon, New York, N. Y., assignor to The Harvel Corporation. Treating raw cashew nut shell liquid. 2,559,593, July 10.
Caplan, Solomon, New York, N. Y., assignor to The Harvel Corporation. Distillation of acid-treated cashew nut shell liquid. 2,559,594, July 10.
Caple, Kenneth M.: *See*—
Beaven, Clifford H. J., Caple, and Dell.
Capone, Jules G.: *See*—
Forman, Sol, and Capone.
Cappellanti, Harry: *See*—
Christopher, Frank E., and Cappellanti.
Capra, Ottavio A., Jamaica, N. Y. Rocking fulcrum for adjustable and pivotal outer wrench jaws. 2,555,395, June 5.
Caprio, Amerigo F.: *See*—
Van Gorder, Norman, Horback, and Caprio.
Caprio, Amerigo F., Madison, and R. L. Shuman, Newark, N. J., assignors to Celanese Corporation of America. Plasticized and stabilized cellulose acetate. 2,561,493, July 24.
Capron, Phillip L., and J. C. Billheimer, Indianapolis, Ind. Knockdown chair. 2,563,706, Aug. 7.
Capstack, Eugene J., Louisville, assignor to Joseph E. Seagram & Sons Inc., Shively, Ky. Adjustable holder for detachable mops. 2,542,751, Feb. 20.
Capstack, Eugene J., Louisville, assignor to Joseph E. Seagram & Sons, Inc., Shively, Ky. Self-locking mop wringer. 2,554,937, May 29.
Capstaff, John G., assignor to Eastman Kodak Company, Rochester, N. Y. Continuously driven printing machine. 2,552,255, May 8.
Capstaff, John G., assignor to Eastman Kodak Company, Rochester, N. Y. Film perforation pitch gauge. 2,566,165, Aug. 28.
Caputo, James V., Youngstown, Ohio. Vertical-shaft dynamoelectric machine. 2,557,075, June 19.
Caputo, Rose, New York, N. Y. Garment. 2,537,206, Jan. 9.
Capuzzi, Edmund C., Philadelphia, Pa., assignor to Baldwin-Lima-Hamilton Corporation. Condition responsive motor control system. 2,550,527, Apr. 24.
Caquot, Albert I., Paris, France. Tank. 2,562,602, July 31.
Caquot, Albert I., and L. J. Dubois, Paris, France; said Caquot assignor to said Dubois. Tanks adapted to contain liquids or gases. 2,562,601, July 31.
Car Cards, Inc., assignee: *See*—
Archey, Jesse P., Jr.
Car Dumper Corporation, The, assignee: *See*—
Glover, Robert L.
Carabatsos, Anthony A., Haverhill, Mass. Antislipping device. 2,547,812, Apr. 3.
Caraher, William F., Richmond, Va., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Bale and making same. 2,539,725, Jan. 30.
Carasso, Frederic M.: *See*—
Simon, Eli, and Carasso.
Caraway, Gordon E., Dallas, Tex. Surgical reel device. 2,574,728, Nov. 13.
Caraway, John B., Evansville, Ind., assignor to the United States of America as represented by the Secretary of War. Protective arrangement for the neutralization circuits of vacuum tubes. 2,548,770, Apr. 10.
Carbary, Richard J., Erie, Pa., assignor to General Electric Company. Shelf supporting arrangement. 2,570,097, Oct. 2.
Carbery, Robert L., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Decoder for pulse code modulation. 2,579,302, Dec. 18.
Carboloy Company, Inc., assignee: *See*—
Duncan, Hershel B.
Lucas, George W.
Weidman, Fred, and Pierce.
Carbonara, Victor E., Manhasset, N. Y., assignor to Square D Company, Detroit, Mich. Binocular objective mounting and adjustment. 2,538,828, Jan. 23.
Carbonara, Victor E., Manhasset, assignor, by mesne assignments, to Kollsman Instrument Corporation, Elmhurst, N. Y. Optical horizontal reference 2,557,340, June 19.
Carbonara, Victor E., Manhasset, assignor, by mesne assignments, to Kollsman Instrument Corporation, Elmhurst, N. Y. Periscopic sextant. 2,579,903, Dec. 25.
Carbonara, Victor E., Manhasset, and E. D. MacDonald, East Williston, assignors, by mesne assignments, to Kollsman Instrument Corporation, Elmhurst, N. Y. Mount for periscopic sextants. 2,554,010, May 22.
Carbonara, Victor E., Manhasset, and J. H. Andresen, Jr., Port Washington, assignors, by mesne assignments, to Kollsman Instrument Corporation, Elmhurst, N. Y. Instrument for correlating air speed, angle of attack, and aircraft loading. 2,579,902, Dec. 25.
Carbonneau Industries, Inc., assignee: *See*—
Thompson, Arthur H.
Carborundum Company, The, assignee: *See*—
Geiger, Charles F.
Goepfert, George J., and Cofran.
Goepfert, George J., and Howard.
Howard, Elmer E., and Goepfert.
McMullen, John C.
Melton, Romie L., Benner, and Kirchner.
Ries, Kernell G., and Goepfert.
Ries, Kernell G., Robie, and von Doenhoff.
Robie, Norman P., and Mahlman.
Schroeder, Herbert S., and Logan.
Taylor, Kenneth M.
Von Doenhoff, Carl.
Wooddell, Charles E., Van Nimwegen, and Hager.
Carbrey, Robert L., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Decoder for reflected binary codes. 2,538,615, Jan. 16.
Carbrey, Robert L., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Decoder for multiple carrier pulse code modulation signals. 2,549,422, Apr. 17.
Carbrey, Robert L., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron beam coder for pulse code modulation. 2,552,619, May 15.
Carbrey, Robert L., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Pulse code modulation system employing code substitution. 2,571,680, Oct. 16.
Carco Products Corporation, assignee: *See*—
Johnson, Arthur A.
Card, James V., La Grange, Tex. Hinged fuel tank cap. 2,556,647, June 12.
Card, Samuel P., Dallas, Tex. Expansible awning. 2,565,545, Aug. 28.
Cardell, Olof, Detroit, Mich., assignor of one-half to Sven Goran Kihlberg, Hjo, Sweden. Motion mechanism. 2,569,707, Oct. 2.
Cardella, Vito, Brooklyn, and I. Bontempi, Woodhaven, N. Y. Dispensing applicator for bobby pins. 2,562,414, July 31.
Carden, Albert, Bell, Calif. Tool handle. 2,572,444, Oct. 23.
Cardi, Paul, Cranston, R. I. Threading machine. 2,563,210, Aug. 7.
Cardinal Products Inc., assignee: *See*—
Schmitt, George P.
Carding Specialists (Canada) Limited, assignee: *See*—
Varga, Andor.
Cardot, Jean A.: *See*—
Borel, Edouard V., and Cardot.
Cardox Corporation, assignee: *See*—
Getz, Charles A.
Marshall, Merrill G.
Voss, Walter W.
Williamson, Hilding V., and Aller.
Williamson, Hilding V., and Gring.
Williamson, Hilding V., and Hesson.

Cardwell, Fowler H.: *See*—
Reilly, Paul C., and Cardwell.
Cardwell, Glenn L., Long Beach, assignor to Signal Oil and Gas Company, Los Angeles, Calif. Blowout preventer and tubing head for pumping wells. 2,563,155, Aug. 7.
Cardwell, Harland W., and G. G. Brown, assignors to Cardwell Manufacturing Company, Inc., Wichita, Kans. Fluid pressure operated flexible disk clutch. 2,563,673, Aug. 7.
Cardwell Manufacturing Company, Inc., assignee: *See*—
Cardwell, Harland W., and Brown.
Cardwell, Paul H., Tulsa, Okla., assignor to The Dow Chemical Company, Midland, Mich. Treatment of earth formations penetrated by a deep well bore. 2,541,688, Feb. 13.
Cardwell, Paul H., and P. D. Muir, Tulsa, Okla., assignors to The Dow Chemical Company, Midland, Mich. Treating earth formations. 2,573,690, Nov. 6.
Care, Thomas, and F. Sievern, McKeesport, Pa. Vehicle jack. 2,556,796, June 12.
Caredio, Primo R.: *See*—
Duccini, Gaetano, and Caredio.
Carey, Claude H., Wilmington, Del., and D. R. Walton, Tamaqua, Pa., assignors to Atlas Powder Company, Wilmington, Del. Explosive assembly and making it. 2,541,334, Feb. 13.
Carey, Clinton C., assignor to Kenosha Auto Transport Co., Springfield, Ohio. Trailer for transporting vehicles. 2,567,100, Sept. 4.
Carey, Edward J., and L. D. Kilheffer, assignors to The National Cash Register Company, Dayton, Ohio. Accounting machine. 2,536,837, Jan. 2.
Carey, Edward L.: *See*—
Batchelor, Clyde S., and Carey.
Carey, Frederick H., assignor to Dowty Equipment Limited, Cheltenham, England. Speed governor mechanism for aircraft internal-combustion turbine engines. 2,559,938, July 10.
Carey, James R.: *See*—
Wiesner, Jerry C., and Carey.
Carey-McFall Co., assignee: *See*—
Carey-McFall Company, assignee: *See*—
Labrozzi, Anthony F., and Potack.
Labrozzi, Anthony F., and Twelves.
Stuber, Walter J., and Di Ienno.
Stuber, Walter J., and Weisselberg.
Carey, Philip, Manufacturing Company, The, assignee: Fasold, George A., and Callahan.
Fasold, George A., and Greider.
Greider, Harold W., and Smith.
Carey Salt Company, The, assignee: *See*—
Kershner, George.
Cargile, Neil H., C. B. Clemetson, and M. L. Nelson, assignors, by mesne assignments, to Allen Manufacturing Company, Inc., Nashville, Tenn. Combustion pot and mixing chamber. 2,537,735, Jan. 9.
Cargile, Neil H., C. B. Clemetson, and M. L. Nelson, assignors, by mesne assignments, to Allen Manufacturing Company, Inc., Nashville, Tenn. Pot type oil burner with pilot chamber. 2,537,966, Jan. 16.
Cargocaire Engineering Corporation, assignee: *See*—
Lou, Wyan.
Carideo, Biagio A., West Roxbury, Mass. Rotary engine. 2,547,374, Apr. 3.
Caridis, Marius, Los Angeles, Calif. Necktie. 2,542,232, Feb. 20.
Cariffe, Eleanor E., by decree of distribution: *See*—
Cariffe, Joseph V.
Cariffe, Joseph V., San Marino, Calif.; by decree of distribution to E. E. Cariffe. Pressure type irrigating apparatus. 2,566,823, Sept. 4.
Carignan, Charles J., Cranston, R. I., assignor to the United States of America as represented by the United States Atomic Energy Commission. Preparing uranium pentafluoride. 2,567,145, Sept. 4.
Carington, Charles M., and G. W. Shoobert, London, and D. J. Blight, Banstead, assignors to K. L. G. Sparking Plugs Limited, London, England. Electrical ignition device for jets from fuel nozzles. 2,546,919, Mar. 27.
Carini, John A., South Glastonbury, Conn. Block laying guide. 2,543,716, Feb. 27.
Carini, John A., South Glastonbury, Conn. Block laying guide. 2,543,717, Feb. 27.
Carkhuff, Le Roy F., Morris, assignor to Shellmar Products Corporation, Chicago, Ill. Carton setup machine. 2,572,800, Oct. 23.
Carl, Jack W., Glen Ellen, and A. T. John, Napa County, Calif. Cutting apparatus. 2,539,401, Jan. 30.
Carl, John W., Alhambra, Calif. Dish conveying machine. 2,541,403, Feb. 13.
Carl, Louis, Brooklyn, N. Y. Combined hammock support and table. 2,563,156, Aug. 7.
Carleton, Dana B., and W. H. Simcoe, Trenton, N. J., assignors to The American Steel and Wire Company of New Jersey. Apparatus for making stranded wire structures. 2,556,164, June 12.
Carleton, Emile J., Holyoke, Mass. Servoram of the follow-up type. 2,554,614, May 29.
Carleton, Robert A., Mamaroneck, N. Y. Deodorizing and stabilizing soy bean oil. 2,578,670, Dec. 18.
Carleton, Vincent E.: *See*—
Young, John L., and Carleton.
Carlier, Andre A., assignee: *See*—
Lanuza, Delfin.
Carlile, Alfred E., assignor to The North & Judd Manufacturing Company, New Britain, Conn. Manually applicable end stop for slide fasteners. 2,562,173, July 31.
Carlile, Amos B., Indianapolis, Ind. Grade scoring board. 2,538,504, Jan. 16.
Carlin, Arvid F., New Rochelle, N. Y. Paper roll holder. 2,557,371, June 19.
Carlin, Benson, New York, N. Y., assignor to Sperry products, Inc., Hoboken, N. J. Supersonic testing. 2,549,891, Apr. 24.
Carlin, Benson, New York, N. Y., assignor to Sperry Products, Inc., Hoboken, N. J. Supersonic inspection. 2,550,528, Apr. 24.
Carlin, Benson, New York, N. Y., assignor to Sperry Products, Inc., Hoboken, N. J. Supersonic agitation. 2,578,505, Dec. 11.
Carlin, Joseph M., Jacksonville, Fla. Hub cap. 2,550,222, Apr. 24.
Carlin, Joseph M., and C. H. Rentz, Jacksonville, Fla. Adapter pulley for motor vehicle generators. 2,550,223, Apr. 24.
Carlin, Theodore F., Cleveland, assignor to The Cleveland Hobbing Machine Company, Euclid, Ohio. Hobbing machine. 2,537,967, Jan. 16.
Carlino, Carmelo, Buenos Aires, Argentina. Device for supporting rope-work soled canvas shoes during the sewing of the soles to the uppers. 2,566,166, Aug. 28.
Carlisle, Byron A., Shawnee, Kans. Rotatable directive antenna. 2,556,026, June 5.
Carlisle, Charles H., Houston, Tex., assignor, by mesne assignments, to Standard Oil Development Company, Elizabeth, N. J. Apparatus for seismic exploration. 2,551,417, May 1.
Carlisle Corporation, assignee: *See*—
Firestone, Vance S.
Carlisle, Willis C., and P. R. Mills, Houston, Tex. Flow valve. 2,556,867, June 12.
Carlo Erba S. P. A., assignee: *See*—
Koster, Heinrich, and Gennari.
Carlock, Marion P., Los Angeles, Calif. Device to promote nasal breathing and prevent snoring. 2,569,743, Oct. 2.
Carlotti, Pierre, assignor of one-half to Société des Ateliers et Chantiers de France, Paris, France. Hull stern. 2,564,560, Aug. 14.
Carlsen, Carl E., assignee: *See*—
Belefant, Bejamin.
Wurfschmit, Hugo.
Carlsen, Herbert M., Spokane, Wash. Fire escape. 2,548,466, Apr. 10.
Carlsen, Leonard O., assignor to Gleason Works, Rochester, N. Y. Method and machine for cutting gears. 2,567,273, Sept. 11.
Carlsen, Leonard O., assignor to Gleason Works, Rochester, N. Y. Dresser mounting. 2,571,339, Oct. 16.
Carlson, Arthur C., Anacortes, assignor, by mesne assignments, to American Manufacturing Company, Inc., Tacoma, Wash. Edge-gluing of veneer. 2,544,133, Mar. 6.
Carlson, Arthur E., Elgin, and C. W. Mott, La Grange Park, assignors to Elgin Sweeper Company, Elgin, Ill. Power sweeper broom. 2,553,748, May 22.
Carlson, Axel S., assignor of one-half to S. Person, New York, N. Y. Smoking article. 2,575,488, Nov. 20.
Carlson, Carl A.: *See*—
Morrell, Charles E., Carlson, Nelson, and Stewart.
Winter, David F., and Carlson.
Carlson, Carl G., Chicago, Ill. Window lock. 2,537,736, Jan. 9.
Carlson, Carl L., Moline, Ill. Fishing plug container or housing. 2,550,039, Apr. 24.
Carlson, Carl S.: *See*—
Gilliland, Edwin R., Morrell, Carlson, and Robertson.
Morrell, Charles E., Carlson, and Smith.
Ohsol, Ernest O., Carlson, and Hudson.
Smith, Paul V., Jr., and Carlson.
Carlson, Carl S., Elizabeth, C. E. Morrell, and P. V. Smith, Jr., Westfield, N. J., assignors to Standard Oil Development Company. Extractive distillation of normal primary alcohols. 2,551,584, May 8.
Carlson, Carl S., Elizabeth, and M. W. Swaney, Westfield, N. J., assignors to Standard Oil Development Company. Parasiticidal steam-cracked oil emulsion concentrate. 2,570,023, Oct. 2.
Carlson, Carl S., Elizabeth, and P. V. Smith, Jr., Westfield, N. J., assignors to Standard Oil Development Company, Extractive distillation of alcohols with sulfolane. 2,570,205, Oct. 9.
Carlson, Carl S., Elizabeth, and P. V. Smith, Jr., Westfield, N. J., assignors to Standard Oil Development Company. Extractive distillation of alcohols. 2,575,243, Nov. 13.
Carlson, Carl S., Elizabeth, and P. V. Smith, Jr., Westfield, N. J., assignors to Standard Oil Development Company. Separating ketones from close-boiling mixtures. 2,575,244, Nov. 13.
Carlson, Carl S., Roselle, and P. V. Smith, Jr., Westfield, N. J., assignors to Standard Oil Development Company. Extractive distillation of alcohol-containing mixtures with diphenyl ether as solvent. 2,575,285, Nov. 13.

Carlson, Charles W., Chicago, Ill. Forced air heating apparatus. 2,575,907, Nov. 20.
Carlson, Chester F., Jackson Heights, N. Y. Printing and developing solvent images. 2,551,582, May 8.
Carlson, Chester F., Woodside, N. Y., assignor to P. R. Mallory & Co., Inc., Indianapolis, Ind. Slide wire permeability tuner. 2,540,863, Feb. 6.
Carlson, Clarence C., Batavia, assignor to Burgess-Norton Mfg. Co., Geneva, Ill. Drill point gauge. 2,577,228, Dec. 4.
Carlson, Clarence F.: *See*—
Hoag, Wilton F., and Carlson.
Carlson, Clarence J., Marshalltown, Iowa. Cultivator attachment. 2,561,650, July 24.
Carlson, David L., Kansas City, Mo. Ventilated awning. 2,579,064, Dec. 18.
Carlson, Donald C., St. Paul, assignor to Wright Zimmerman, Inc., New Brighton, Minn. Speaker having a tubular pot. 2,547,565, Apr. 3.
Carlson, Edwin N.: *See*—
Carlson, Paul H., and E. N., and W. E.
Carlson, Edwin R., Waupun, Wis. Insemination tube syringe. 2,552,403, May 8.
Carlson, Elmer, assignor to Exhibit Supply Company, Chicago, Ill. Mechanism for controlling the actuation of electromagnetic coils. 2,577,307, Dec. 4.
Carlson, Elmer T., New Britain, Conn., assignor, by mesne assignments, to General Electric Company. Support for bus bars in a duct system of distribution. 2,576,774, Nov. 27.
Carlson, Erick C., assignee: *See*—
McKeever, Louis W.
Carlson, Evert W., and V. J. Flink, Cambridge, Minn. Engineer's point finder. 2,575,245, Nov. 13.
Carlson, Frank E., Cleveland Heights, Ohio, assignor to General Electric Company. Photographic spotlight having a flash tube and a modeling lamp. 2,542,311, Feb. 20.
Carlson, Fred L., Potter, Nebr. Grain cone. 2,542,476, Feb. 20.
Carlson, Gale K., Dixon, Ill. Limit switch. 2,566,824, Sept. 4.
Carlson, George: *See*—
Clark, Edward B., and Carlson.
Carlson, George, Hawthorne, N. Y. Emergency safety device for skid chains. 2,555,470, June 5.
Carlson, George C., Chetek, Wis. Portable jack actuated tire removing device. 2,575,330, Nov. 20.
Carlson, George N., assignee: *See*—
Keroson, George E.
Carlson, Gustav F., Chicago, Ill. Selector device for automatic typewriters. 2,568,113, Sept. 18.
Carlson, Gustav W., Cleveland Heights, assignor to Eaton Manufacturing Company, Cleveland, Ohio. Dowel. 2,560,413, July 10.
Carlson, Harold A., University City, assignor to Carter Carburetor Corporation, St. Louis, Mo. Windshield wiper control. 2,540,609, Feb. 6.
Carlson, Harold A., University City, assignor to Carter Carburetor Corporation, St. Louis, Mo. Carburetor. 2,554,660, May 29.
Carlson, John W., assignor to Automatic Canteen Company of America, Chicago, Ill. Vending machine. 2,543,687, Feb. 27.
Carlson, Leonard M., St. Paul, Minn. Hand-operated scraper tool. 2,556,797, June 12.
Carlson, Lewis B., assignor to S. A. Woods Machine Company, Boston, Mass. Feed mechanism for wood-planing machines. 2,552,367, May 8.
Carlson, Louis C., South Ozone Park, N. Y. Resilient mounting for fluorescent lamp sockets. 2,565,064, Aug. 21.
Carlson, Martin, Brookfield, assignor, by mesne assignments, to G. W. Houlsby, Jr., Chicago, Ill. Door closer. 2,544,252, Mar. 6.
Carlson, Martin, Brookfield, assignor to G. W. Houlsby, Jr., Chicago, Ill. Fluid control device. 2,553,810, May 22.
Carlson, Martin, Brookfield, and O. D. Michaelsen, Evergreen Park, assignors, by mesne assignments, to G. W. Houlsby, Jr., Chicago, Ill. Door closer mechanism. 2,544,253, Mar. 6.
Carlson, Olof, Winter Park, Fla. Cradle rocking spring mechanism. 2,559,939, July 10.
Carlson, Paul H., and E. N., St. Paul, and W. E., Stillwater, Minn. Axial impact type rotary tool. 2,559,558, July 3.
Carlson, Perry A., assignee: *See*—
Doornbos, Ralph A.
Carlson, Theodore L., Richmond, Va., assignor to The Union Switch and Signal Company, Swissvale, Pa. Antistorage control apparatus for railway track switches. 2,545,841, Mar. 20.
Carlson, Walter O., Jamestown, N. Y., assignor to Spin-Dex, Inc., Chicago, Ill. Rotary file. 2,575,745, Nov. 20.
Carlson, Warren E.: *See*—
Carlson, Paul H., and E. N., and W. E.
Carlson, Wendell L.: *See*—
Landon, Vernon D., and Carlson.
Carlson, Wendell L., Princeton, N. J., assignor to Radio Corporation of America. Reduction of selevtive fading distortion. 2,549,423, Apr. 17.
Carlson, Wendell L., Princeton, N. J., assignor to Radio Corporation of America. Switchless multiband radio apparatus. 2,561,494, July 24.
Carlson, Wendell L., and R. L. Harvey, Princeton, N. J., assignors to Radio Corporation of America. Variable ultra high frequency circuits. 2,543,891, Mar. 6.
Carlson, Wendell L., and R. L. Harvey, Princeton, N. J., assignors to Radio Corporation of America. Filter element useful in radio circuits. 2,549,424, Apr. 17.
Carlson, Wendell L., and L. E. Barton, Princeton, N. J., assignors to Radio Corporation of America. Acoustic diaphragm and baffle. 2,552,309, May 8.
Carlson, William A., Pittsburgh, and W. A. Keil, Bridgeville, assignors to Superior Steel Corporation, Pittsburgh, Pa. Bimetallic billet. 2,537,207, Jan. 9.
Carlson, Wilmer J., Valley Stream, N. Y. Economizer for use with oil fired forced draft domestic heating furnaces. 2,575,862, Nov. 20.
Carlsson, Sven, Abrahamsberg, assignor to Aktiebolaget Recip, Stockholm, Sweden. Beta-di-piperonyl-aminoethanol-hydrochloride. 2,574,620, Nov. 13.
Carlstedt, Ragnar, Stockholm, Sweden. Fluid expansion thermostat. 2,570,098, Oct. 2.
Carlstedt, Sven B. F., Stockholm, Sweden. Controlling the level of liquid in dishwashing machines. 2,575,246, Nov. 13.
Carlton, Earl E., San Francisco, Calif. Garment hanger. 2,577,567, Dec. 4.
Carlton, Richard P., assignor to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Coated abrasive articles. 2,536,871, Jan. 2.
Carmer, Dana M., Middletown, Del. Stocking. 2,542,392, Feb. 20.
Carmichael, Emmett S., and E. L. Armstrong, Jackson Heights, N. Y., assignors to Socony-Vacuum Oil Company, Incorporated. Grease composition. 2,564,561, Aug. 14.
Carmichael, Gershom N., Griggsville, Ill. Antenna structure. 2,576,748, Nov. 27.
Carmichael, Thomas J., Walled Lake, assignor to General Motors Corporation, Detroit, Mich. Transmission controlled brake release. 2,550,403, Apr. 24.
Carmichael, William, Knightsville, Ind. V-belt drive pulley. 2,553,439, May 15.
Carmick, Louis G., Jr.: *See*—
Watts, William S., and Carmick.
Carmo, John J., Arlington, Mass. Poultry feeder. 2,570,640, Oct. 9.
Carmody, Don R.: *See*—
Sharp, Lorld G., and Carmody.
Carmody, Martin J.: *See*—
Weber, Frank P., and Carmody.
Carn, Paul, Levallois-Perret, France. Protecting device for band saws, circular saws, spindle molding machines, and other uses. 2,561,905, July 24.
Carnagua, Harold E., Muncie, Ind., assignor to Borg-Warner Corporation, Chicago, Ill. Control system. 2,556,675, June 12.
Carnagua, Harold E., and D. W. Kelbel, Muncie, Ind., assignors to Borg-Warner Corporation, Chicago, Ill. Spreading fluid clutch. 2,570,641, Oct. 9.
Carnahan, James E.: *See*—
Arnold, Herrick R., and Carnahan.
Carnahan, Raymond, Magnolia, Ark. Jack with bladder motor. 2,577,874, Dec. 11.
Carnation Company, assignee: *See*—
Oberg, Elmer B., Nelson, and Hankinson.
Carne, Gerald G., Rockaway, N. J., assignor to Radio Corporation of America. Glow discharge device. 2,541,335, Feb. 13.
Carne, Gerald G., Rockaway, N. J., assignor to Radio Corporation of America. Grid for electron discharge devices. 2,543,400, Feb. 27.
Carne, Gerald G., Rockaway, N. J., assignor to Radio Corporation of America. Voltage reference tube. 2,556,254, June 12.
Carnegie Institute of Technology, assignee: *See*—
Howard, Henry C.
Carnegie, William L., assignor to General Motors Corporation, Detroit, Mich. Rotor blade construction. 2,556,676, June 12.
Carnell, Paul H., Alma, Mich., assignor to Phillips Petroleum Company. Fluosulfonic acid refining of lubricating oil. 2,538,293, Jan. 16.
Carnell, Paul H., Alma, Mich., assignor to Phillips Petroleum Company. Production of drying oils by treatment of acid-soluble oils with hydrofluoric acid. 2,544,552, Mar. 6.
Carnell, Paul H., Alma, Mich., assignor to Phillips Petroleum Company. Refining of lubricating oils. 2,557,940, June 26.
Carnell, Paul H., Albion, assignor to Leonard Refineries, Inc., Alma, Mich. Stabilizing cracked distillate. 2,560,632, July 17.
Carnes, Herbert W., Swampscott, assignor to North American Research Corporation, Cambridge, Mass. Independent detector roll for grading machines. 2,548,346, Apr. 10.
Carnes, Herbert W., Swampscott, and C. C. Thomas, West Medford, assignors to North American Research Corporation, Cambridge, Mass. Transmission linkage for grading machines. 2,545,225, Mar. 13.

Carnes, Joseph J., Greenwich, Conn., assignor to American Cyanamid Company, New York, N. Y. Polyether substituted oxazolidines and the like. 2,571,985, Oct. 16.
Carnes, Julian E., Jr., Charlotte, N. C. Needle replacement tool for circular knitting machines. 2,578,506, Dec. 11.
Carnes, Samuel J., Camden, Ark. Audible fish lure. 2,577,229, Dec. 4.
Carnes, Samuel J., Camden, Ark. Fish lure. 2,577,402, Dec. 4.
Carney, Cornelius A., Philadelphia, Pa. Composite yarn, fabric made therefrom, and making the same. 2,541,499, Feb. 13.
Carney, Cornelius A., Philadelphia, Pa. Composite yarn and fabric made therefrom. 2,541,500, Feb. 13.
Carney, Fred J., assignor to Bury Compressor Company, Erie, Pa. Self-lubricating piston. 2,557,497, June 19.
Carney, Harold R., Houston, Tex. Storm protection window brace. 2,549,661, Apr. 17.
Carney, Samuel E., and C. H. Miriani, St. Louis, Mo. Toy airplane. 2,561,179, July 17.
Carney, Thomas P., assignor to Eli Lilly and Company, Indianapolis, Ind. Preparation of cycloalkyl ethers. 2,551,926, May 8.
Carnine, Robert L., and R. H. Bitter, Washington, D. C. Constant frequency cavity device. 2,553,811, May 22.
Carniol, Bohdan T., assignor to Tesla, Electrical and Radio Industry, Prague, Czechoslovakia. Electrostatically controlled diode voltmeter. 2,561,180, July 17.
Caro Manufacturing Co., assignee: *See*—
Rettinger, Frederick S.
Carolus, James B.: *See*—
McLeod, John H., Jr., and Carolus, and Jewett.
Carolyn Chenilles, Inc., assignee: *See*—
Charles, Artis E.
Caron, John B. R.: *See*—
Wies, Calmy, Caron, and Glendenning.
Caron, John B. R., North Plainfield, and E. B. Glendenning, Cranford, N. J., and C. Wies, New York, N. Y., assignors to Shell Development Company, San Francisco, Calif. Fuel oil composition. 2,548,347, Apr. 10.
Caron, John B. R., North Plainfield, N. J., C. Wies, New York, N. Y., and E. B. Glendenning, Cranford, N. J., assignors to Shell Development Company, San Francisco, Calif. Fuel oil composition. 2,553,183, May 15.
Caron, John B. R., North Plainfield, E. B. Glendenning, Cranford, N. J., and C. Wies, New York, N. Y., assignors to Shell Development Company, San Francisco, Calif. Fuel oil composition. 2,575,003, Nov. 13.
Caron, Paul E., Matane, Quebec, Canada. Spinning machine for domestic use. 2,538,189, Jan. 16.
Caron Spinning Company, assignee: *See*—
Tribbey, Stanley E.
Carosella, Michael C., Niagara Falls, N. Y., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Treating tungstate solutions containing as impurities one or more compounds of antimony, arsenic, or molybdenum. 2,556,255, June 12.
Carp, Arthur, Hillsdale, Mich. Can opener. 2,573,400, Oct. 30.
Carpenter, Albert S., S. Coldfield, Birmingham, and D. L. Wilson, Coventry, assignors to Courtaulds Limited, London, England. Production of polythioureas. 2,566,717, Sept. 4.
Carpenter, Alfred R., Harrow, and H. J. N. Riddle, Wembley, assignors to The Siemens and General Electric Railway Signal Company Limited, London, England. Apparatus for use in detecting the passage of objects. 2,550,970, May 1.
Carpenter, Allan O., Corning, assignor to Ingersoll-Rand Company, New York, N. Y. Reciprocatory compressor. 2,574,814, Nov. 13.
Carpenter, Arley D.: *See*—
Carpenter, John A., and A. D.
Carpenter, Byron L., Minneapolis, Minn. Device for holding outboard motors to boats. 2,537,651, Jan. 9.
Carpenter, George S., Hampton, Va. Collapsible windshield umbrella. 2,549,662, Apr. 17.
Carpenter, Glenn F., assignee: *See*—
Grimm, Charles S.
Carpenter, Glen F., Chicago, Ill. Track aligning device. 2,542,274, Feb. 20.
Carpenter, James H., Arlington, Fla. Electrostatic separator. 2,548,771, Apr. 10.
Carpenter, John A. and A. D., Los Angeles, Calif. Hanger. 2,560,845, July 17.
Carpenter, John H. K., Richmond, Va. Inner collapsible molding form. 2,543,892, Mar. 6.
Carpenter, Lewis P., Scituate, Mass., assignor to The B. F. Goodrich Company, New York, N. Y. Article of footwear with gathered vamp member. 2,536,723, Jan. 2.
Carpenter, Louis M., Syracuse, N. Y. Electric paint remover. 2,579,726, Dec. 25.
Carpenter Manufacturing Corporation, The, assignee: *See*—
Fawcett, George F.
Carpenter, Oliver J., Niagara Falls, N. Y., assignor to General Abrasive Company, Inc. Making an abrasive coated wheel. 2,579,727, Dec. 25.
Carpenter, Ose F., Brightwood, Va. Coop assembling machine. 2,556,901, June 12.
Carpenter, Otis R., Barberton, Ohio, assignor to The Babcock & Wilcox Company, Rockleigh, N. J. Producing clad plate. 2,580,374, Dec. 25.
Carpenter, Paul G., Bartlesville, Okla., assignor to Hercules Powder Company, Wilmington, Del. Copolymer of chloromaleic anhydride and unsaturated hydrocarbons containing one double bond. 2,538,761, Jan. 23.
Carpenter, Rupert E. H., South Croydon, England. Polarized electromagnetic relay. 2,559,399, July 3.
Carpenter Steel Company, The, assignee: *See*—
Post, Carl B., and Schoffstall.
Carpenter, Victor H., Boston, Mass. Matrix band for use in filling dental cavities. 2,567,101, Sept. 4.
Carpenter, Warren W., Garden City, and J. W. Gooderham, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. District assembler circuit. 2,558,476, June 26.
Carpenter, Warren W., Forest Hills, and E. Vroom, Ossining, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Charge and tax determining equipment for telephone systems. 2,572,699, Oct. 23.
Carpentier, Edmond E., Eindhoven, Netherlands, assignor, by mesne assignments, to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Multivibrator circuit. 2,555,872, June 5.
Carpentier, Edmond E., Eindhoven, Netherlands, assignor to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Calibrated oscilloscope for voltage measurements. 2,563,395, Aug. 7.
Carpentier, Pascal J., Paris, France. Producing light and resistant cellular bodies. 2,576,749, Nov. 27.
Carper, Earl W., Parkersburg, assignor of one-half to L. Gotlieb, Clarksburg, W. Va. Hair curler. 2,570,206, Oct. 9.
Carr, Adams & Collier Company, assignee: *See*—
Adams, Paul L., Norman, and Sitterly.
Carr, Aloysius J., Knightstown, Ind. Corrugating machine. 2,576,281, Nov. 27.
Carr, Catherine S.: *See*—
Hazeltone, James E., Jr., and Carr.
Carr, Charles J., Long Beach, Calif. Piston rod and crosshead connection. 2,550,969, May 1.
Carr, Clarence R., Salem, Oreg. Cutoff saw for tractors. 2,577,448, Dec. 4.
Carr, Edward L.: *See*—
Smith, George E. P., Jr., and Carr.
Carr, Edward L., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Polystyrene emulsion in formamide, preparation thereof and coating therewith. 2,537,644, Jan. 9.
Carr, Granville M., Wichita, Kans. Float supported tank cleaning device. 2,574,958, Nov. 13.
Carr, Harry L.: *See*—
Speck, C. Harold, Carr, and Yoder.
Carr, J. Myron, assignee: *See*—
Polson, Robert G.
Carr, James A., Maplewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Transposing open-wire lines. 2,553,747, May 22.
Carr, Jay R., White River, S. Dak. Electrified gate. 2,546,429, Mar. 27.
Carr, John, Culver City, Calif. Film holding frame. 2,553,957, May 22.
Carr, John A., Portland, Oreg. Seal for bearings and the like. 2,554,488, May 29.
Carr, Lillian E., Washington, D. C. Stocking form. 2,555,632, June 5.
Carr, Percy W., Maplewood, and S. G. Gerlach, Jersey City, N. J., said Gerlach assignor to said Carr. Belt. 2,539,891, Jan. 30.
Carr, Richard E., Alma, Mich. Stocking attachment. 2,544,065, Mar. 6.
Carr, Richard K., Wadsworth, and E. B. Busenburg, Akron, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y. Reclaiming fiber-reinforced rubber. 2,567,802, Sept. 11.
Carr, Thomas E., Garden City, Tex. Saw package. 2,560,383, July 10.
Carr, Walter, Kilgore, Tex. Hook retriever. 2,562,413, July 31.
Carr, William F., assignor to Lear, Incorporated, Grand Rapids, Mich. Switch for precise operating limits. 2,553,299, May 15.
Carr, William P., Rossford, assignor to The De Vilbiss Company, Toledo, Ohio. Spray gun. 2,553,401, May 15.
Carragher, Hugh J., assignor to Powdrell & Alexander, Inc., Danielson, Conn. Method of and apparatus for weaving leno fabric. 2,541,745, Feb. 13.
Carraher, Thomas P., Denver, Colo. Valve rack. 2,548,289, Apr. 10.
Carrara, Gino, Milan, Italy. Extraction of tannic acid from sumac leaf. 2,537,510, Jan. 9.
Carrara, Gino, Milan, Italy. Preparing low specific gravity light colored tannin. 2,548,588, Apr. 10.
Carraway, Thomas W., Dallas, Tex. Air or gas cleaning apparatus. 2,539,344, Jan. 23.
Carrera, Fernando, San Francisco, Calif. Foldable and extensible transporting device. 2,579,448, Dec. 18.
Carretto, Frank A., Elgin, Ill. Arcuate conveyer guide. 2,538,144, Jan. 16.
Carrick, Gerald S., Pleasantville, N. Y. Electric motor control system. 2,555,674, June 5.

Carrick, Paul E., Birmingham, assignor to Carrick Products Company, Detroit, Mich. Window ventilating device. 2,553,172, May 15.
Carrick Products Company, assignee: *See*—
Carrick Paul E.
Carrick, Virgil P., High Point, N. C. Chair and sofa hinge. 2,539,812, Jan. 30.
Carrier Corporation, assignee: *See*—
Alt, Carl G.
Ashley, Carlyle M.
Berestneff, Alexis A.
Berestneff, Alexis A., and McGrath.
Galson, Henry L.
Grant, Walter A.
Hanson, Lars.
McGrath, William L.
Ort, Frank C.
Palmatier, Everett P.
Reed, Winston H., and Pennington.
Schulz, Edward L., and Bailey.
Carrier, E. Wendell: *See*—
Green, A Donald, and Carrier.
Carrier, E. Wendell, Cranford, N. J., assignor to Standard Oil Development Company. Production of ethylene. 2,580,002, Dec. 25.
Carrier, Joseph A.: *See*—
Kershaw, John G., and Carrier.
Carrier, Joseph A., assignor to Dominion Textile Company Limited, Montreal, Quebec, Canada. Viscosity control in yarn sizing. 2,557,341, June 19.
Carrier, Joseph D.: *See*—
Hindle, Robert J., and Carrier.
Carrier-Stephens Company, assignee: *See*—
Wallace, James R.
Carriker, William C., South Jacksonville, Fla. Air-cooled vehicle wheel. 2,537,442, Jan. 9.
Carrington, George L., assignee: *See*—
Moreland, William J., Jr.
Carrington, George L., Encino, Calif. Microphone sound passage structure. 2,567,875, Sept. 11.
Carrington, George L., Encino, assignor to Altec Lansing Corporation, Los Angeles, Calif. Loud-speaker with expanding horn unit. 2,568,883, Sept. 25.
Carrington, Herbert C.: *See*—
Boon, William R., Carrington, and Vasey.
Carrington, Raymond H.: *See*—
Harris, Sterling G., and Carrington.
Carrington, Ulrich S., Burbank, Calif. Portable refrigerator with removable unit. 2,549,421, Apr. 17.
Carroll, Bernard A., Lombard, assignor to Automatic Electric Laboratories, Inc., Chicago, Ill. Secretary's answering key cabinet. 2,541,336, Feb. 13.
Carroll, Burt H., and R. H. Sprague, assignors to Eastman Kodak Company, Rochester, N. Y. Bis-(2-azolyl) carbanilides. 2,537,877, Jan. 9.
Carroll, Burt H., and J. Spence, assignors to Eastman Kodak Company, Rochester, N. Y. Photographic silver halide emulsion supersensitized with a benzimidazole base. 2,566,167, Aug. 28.
Carroll, Burt H., assignor to Eastman Kodak Company, Rochester, N. Y. Latent image intensification. 2,575,002, Nov. 13.
Carroll, Clarence W., assignee: *See*—
Pease, Charles H.
Carroll, Ellsworth W., Redwood City, assignor to S & W Fine Foods, Inc., San Francisco, Calif. Fruit orienting device. 2,568,947, Sept. 25.
Carroll, Ernest J., Ada, Okla. Load binder. 2,559,185, July 3.
Carroll, Frank V., Munster-Hammond, Ind., assignor to Inland Steel Company, Chicago, Ill. Sheet metal feed device. 2,549,772, Apr. 24.
Carroll, Frank V., Munster-Hammond, Ind., assignor to Inland Steel Company, Chicago, Ill. Handling sheet metal plates. 2,549,773, Apr. 24.
Carroll, Fred M., Binghamton, and A. F. Smith, Endicott, assignors to International Business Machines Corporation, New York, N. Y. Record feeding device. 2,566,927, Sept. 4.
Carroll, Fred M., Binghamton, assignor to International Business Machines Corporation, New York, N. Y. Cartridge feeding device. 2,569,798, Oct. 2.
Carroll, Fred M., Binghamton, and A. F. Smith, Endicott, assignors to International Business Machines Corporation, New York, N. Y. Record sorting device. 2,569,799, Oct. 2.
Carroll, Harry F., St. Louis, Mo. Colostomy closure or guard. 2,542,233, Feb. 20.
Carroll, Howard W., Rock Hill, S. C. Filling fork well cleaner. 2,577,449, Dec. 4.
Carroll, Jessie C., executor: *See*—
Carroll, John B.
Carroll, John, Jr., assignor to The Lorac Company, Inc., Providence, R. I. Detachable strap and clasp for use therewith. 2,568,845, Sept. 25.
Carroll, John B., deceased, Oak Park, Ill.; J. B. Carroll, Jr., and J. C. Carroll, executors of said J. B. Carroll. Measuring tape and the like. 2,559,111, July 3.
Carroll, John B., Jr., executor: *See*—
Carroll, John B.
Carroll, John D., Kensington, assignor to The Stanley Works, New Britain, Conn. Door latch unit. 2,568,383, Sept. 18.
Carroll, John L., Baltimore, Md. Bowling game. 2,542,625, Feb. 20.
Carroll, Joseph P., Maplewood, N. J., assignor to American Can Company, New York, N. Y. Producing containers. 2,555,315, June 5.
Carroll, Raleigh S., Lebanon, Oreg. Heater for outdoor theaters. 2,537,330, Jan. 9.
Carroll, Richard H.: *See*—
Servis, Richard J., Carroll, and Tullar.
Carroll, Robert G., assignee: *See*—
Cox, Gerald C.
Carroll, Thomas E., New York, N. Y. Thread holder and cutter. 2,558,039, June 26.
Carron, Leon A., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Device for preventing false weft detection. 2,543,488, Feb. 27.
Carruth, Herman A.: *See*—
Williamson, Marshall I., and Carruth.
Carruthers, Eben H., Warrenton, Oreg. Method and apparatus for packing flake materials. 2,567,052, Sept. 4.
Carruthers, Eben H., Warrenton, Oreg. Packing food products. 2,575,703, Nov. 20.
Carson, Benjamin R., Haddonfield, and K. J. Magnusson, Princeton, N. J., assignors to Radio Corporation of America. Phonograph. 2,539,656, Jan. 30.
Carson, Clarence M., Cuyahoga Falls, assignor to Wingfoot Corporation, Akron, Ohio. Nonfogging rubber hydrochloride film and making it. 2,561,011, July 17.
Carson, Clarence M., Cuyahoga Falls, assignor to Wingfoot Corporation, Akron, Ohio. Prevention of fogging of transparent packages. 2,561,010, July 17.
Carson, Clarence M., Cuyahoga Falls, assignor to Wingfoot Corporation, Akron, Ohio. Packaging process. 2,579,415, Dec. 18.
Carson, Clarence M., Silver Lake, assignor to Wingfoot Corporation, Akron, Ohio. Adhesive and laminated structure. 2,541,689, Feb. 13.
Carson, Clarence M., Silver Lake, assignor to Wingfoot Corporation, Akron, Ohio. Packaging. 2,571,340, Oct. 16.
Carson, Clarence M., Silver Lake, assignor to Wingfoot Corporation, Akron, Ohio. Coated rubber hydrochloride film. 2,575,581, Nov. 20.
Carson, Clifford C., Washington, D. C. Vapor separator. 2,540,097, Feb. 6.
Carson, Clifford C., Washington, D. C. Air drying unit. 2,572,009, Oct. 23.
Carson, George J., West Boylston, Mass. Magnetic chuck with one-piece top plate. 2,536,795, Jan. 2.
Carson, George L.: *See*—
Moore, Robert C., and Carson.
Carson, George L., assignor to Philco Corporation, Philadelphia, Pa. Relaxation oscillator. 2,556,027, June 5.
Carson, Harley W., Caprock, N. Mex. Spark plug shield. 2,577,308, Dec. 4.
Carson, Harold E., Indianapolis, Ind. Voltage variator control. 2,559,277, July 3.
Carson, Hiram J., Omaha, Nebr. Gas fired water heater. 2,563,817, Aug. 14.
Carson, Howard: *See*—
Muzzey, Clifford L., and Carson.
Carson, Howard, and J. W. Light, Dayton, Ohio, assignors to General Motors Corporation, Detroit, Mich. Propeller pitch governor. 2,545,684, Mar. 20.
Carson, Howard, and R. E. Moore, Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Controllable pitch propeller. 2,550,529, Apr. 24.
Carson, Lawrence E., Alhambra, Calif. Refrigerating apparatus and method. 2,539,813, Jan. 30.
Carson, Lawrence E., Alhambra, Calif. Fastener. 2,567,508, Sept. 11.
Carson, Lawrence E., Alhambra, Calif. Refrigerating apparatus. 2,562,446, July 31.
Carson, Richard M., and R. R. Saeks, Dayton, Ohio. Testing urine to determine pregnancy. 2,564,247, Aug. 14.
Carson, Robert H., Washington, D. C. Tape splicer. 2,552,148, May 8.
Carson, Robert H., assignor to Chisholm-Ryder Company, Incorporated, Niagara Falls, N. Y. Apparatus for comminuting materials. 2,577,403, Dec. 4.
Carson, William T., Haddonfield, N. J. Pressing zipper tapes. 2,536,262, Jan. 2.
Carson, William W., Jr., assignor to Robertshaw-Fulton Controls Company, Knoxville, Tenn. Bulb construction for thermostats. 2,572,446, Oct. 23.
Carstens, Albert N.: *See*—
Fitzpatrick, James R., and Carstens.
Carswell, Allan B., Ottawa, Ontario, Canada. Multiple tube radiator forced circulation air heating furnace. 2,568,487, Sept. 18.
Cart, Cecil D., Buffalo, N. Y. Combined inflated support and utility bag. 2,542,477, Feb. 20.
Cart, Theodore S., Harbourton, assignor to Atlantic Products Corporation, Trenton, N. J. Garment bag. 2,561,841, July 24.
Cartabellatto, Joseph: *See*—
Stryzakoski, Raymond, and Cartabellatto.
Carter, Albert, Port Carbon, Pa. Machinery support. 2,546,722, Mar. 27.
Carter, Alfred M., Galion, Ohio, assignor to Carter Machine Company, Inc. Power-operated shovel. 2,538,505, Jan. 16.

Carter, Alfred M., assignor of forty-nine per cent to L. C. Roberts, Fort Valley, Ga. Safety cylinder for hydraulic brakes. 2,556,613, June 12.
Carter, Ben and E., Bolton, England. Winding machine. 2,551,362, May 1.
Carter, Ben and E., Bolton, England. Carrier for braiding and like machines. 2,560,084, July 10.
Carter, Bernard M., Montclair, N. J., assignor to Allied Chemical & Dye Corporation, New York, N. Y. Heat exchange apparatus. 2,566,928, Sept. 4.
Carter Carburetor Corporation, assignee: *See*—
Beuer, Frederick G.
Bicknell, George M.
Boller, Henry A.
Boyce, Leonard D.
Carlson, Harold A.
Coffey, Irven E.
Edelen, James L.
Ericson, George R.
Korte, Alfred C.
Korte, Alfred C., and Szwargulski.
Smith, Russell F., and Moseley.
Wiegner, Joseph W., Gilda, Klasey, and Barnes.
Carter, Charles, Liverpool, and J. V. S. Glass, Frodsham, England, assignors to Imperial Chemical Industries Limited. Electrolytic cell. 2,542,989, Feb. 27.
Carter, Charles, Liverpool, and A. W. Ravenscroft, Frodsham, England, assignors to Imperial Chemical Industries Limited. Electrolytic cell. 2,542,990, Feb. 27.
Carter, Charles R., Santa Barbara, Calif. Fishing tackle. 2,553,895, May 22.
Carter, Charlie F. and W. W., Brundige, Ala. Peanut harvesting machine. 2,562,659, July 31.
Carter, Clarence F., Danville, Ill. Method and apparatus for filling containers. 2,538,441, Jan. 16.
Carter, Daniel B., Rockford, Ill. Fishing rod holder. 2,576,212, Nov. 27.
Carter, Dannie M., Blakely, Ga. Peanut cleaner. 2,548,142, Apr. 10.
Carter, Elmer D., assignor to National Video Corporation, Chicago, Ill. Vacuum tube sealing mechanism. 2,538,411, Jan. 16.
Carter, Eric: *See*—
Carter, Ben and E.
Carter, Franklyn Y., Dearborn, assignor to Detroit Lubricator Company, Detroit, Mich. Refrigeration expansion valve. 2,538,861, Jan. 23.
Carter, Franklyn Y., Dearborn, assignor to Detroit Lubricator Company, Detroit, Mich. Thermostatic expansion valve. 2,548,866, Apr. 17.
Carter, Franklyn Y., Dearborn, assignor to Detroit Lubricator Company, Detroit, Mich. Thermostatic expansion valve having pressure responsive means for varying the superheat setting thereof. 2,558,930, July 3.
Carter, Franklyn Y., Dearborn, assignor to Detroit Lubricator Company, Detroit, Mich. Flow control valve for refrigeration. 2,564,421, Aug. 14.
Carter, Franklyn Y., Dearborn, assignor to Detroit Lubricator Company, Detroit, Mich. Refrigeration expansion valve. 2,577,450, Dec. 4.
Carter, George I., Longmeadow, Mass. Fluid heater. 2,553,549, May 22.
Carter, Henry, Victoria, British Columbia, Canada. Border clipping device. 2,574,858, Nov. 13.
Carter, Herbert E., Urbana, Ill., and E. H. Flynn, assignors to Eli Lilly and Company, Indianapolis, Ind. Preparation of threophenylserinol. 2,556,868, June 12.
Carter, James D., assignor of one-half to J. W. Stepp, Indianapolis, Ind. Combination door of storage type. 2,540,864, Feb. 6.
Carter, James H., Blacksburg, Va., and A. H. Daane, Ames, Iowa, assignors to the United States of America as represented by the United States Atomic Energy Commission. Forming uranium monocarbide. 2,569,225, Sept. 25.
Carter, John A., assignee: *See*—
Rosenberg, Paul.
Carter, John E., Columbus, Ohio. Making vertical joint sealing strips. 2,554,522, May 29.
Carter, John E., Columbus, Ohio. Sealed joint for concrete slab road pavement. 2,575,247, Nov. 13.
Carter, John E., Columbus, Ohio. Traffic lane marker strip. 2,577,997, Dec. 11.
Carter, John E., Columbus, Ohio. Vertical joint sealing strip for concrete slab road pavements. 2,577,998, Dec. 11.
Carter, John H.: *See*—
Haun, Joye C.
Haun, Joye C., and Carter.
Carter, Leroy C., and H. D. Else, Lima, Ohio, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Commutator. 2,565,120, Aug. 21.
Carter Machine Company, Inc., assignee: *See*—
Carter, Alfred M.
Keeler, Raymond W.
Carter, Norman E. W., Cheltenham, England. Telephone message recording device. 2,558,040, June 26.
Carter, Philip S., Rocky Point, N. Y., assignor to Radio Corporation of America. Parabolic antenna system for radio locators. 2,539,657, Jan. 30.
Carter, Philip S., Rocky Point, N. Y., assignor to Radio Corporation of America. Louver antenna. 2,573,401, Oct. 30.
Carter, Ralph H., Johnson City, and C. B. Kingsbury, Elizabethton, Tenn., assignors to North American Rayon Corporation, New York, N. Y. Twisting spindle tension device. 2,571,109, Oct. 16.
Carter, Robert E., Mount Holly Springs, and H. H. Hutchinson, assignors to C. H. Masland & Sons, Carlisle, Pa. Seat cover. 2,575,548, Nov. 20.
Carter, Robert W., assignee: *See*—
Berg, Louis B., and Martin.
Carter, Ronald H. A.: *See*—
Taylor, Maurice K., Williams, and Carter.
Carter, Russell, Jr., Hyattsville, Md. Artificial bait. 2,574,529, Nov. 13.
Carter, Sidney T., Worcester, Mass., assignor, by mesne assignments, to Geo. J. Meyer Manufacturing Company, Cudahy, Wis. Picker control for label-applying machines. 2,573,182, Oct. 30.
Carter, Sydney, Hingham, Mass. Adjustable bed and spring. 2,536,534, Jan. 2.
Carter, Thomas N., Bayside, assignor to Cameron Machine Company, Brooklyn, N. Y. Score-cut slitting mechanism. 2,541,913, Feb. 13.
Carter, Thomas N., Bayside, assignor to Cameron Machine Company, Brooklyn, N. Y. Starting and stopping mechanism. 2,579,791, Dec. 25.
Carter, Willard K., assignor to The Denison Engineering Company, Columbus, Ohio. Producing articles from powdered material. 2,569,226, Sept. 25.
Carter, Willard K., assignor to The Denison Engineering Company, Columbus, Ohio. Apparatus for transferring powdered material. 2,569,227, Sept. 25.
Carter, William H., Jr., assignor to Electro-Mechanical Research, Inc., Houston, Tex. Thermal receiver and producing same. 2,562,770, July 31.
Carter, William J., Macon, Ga. Expansible pulley. 2,555,570, June 5.
Carter, William W.: *See*—
Carter, Charlie F. and W. W.
Cartheuser, William H., assignor of forty-five per cent to S. R. Coleman, Los Angeles, Calif. Comb. 2,559,940, July 10.
Cartier, Inc., assignee: *See*—
Pujol, Albert J.
Cartledge, Groves H., Bristol, Tenn., assignor, by mesne assignments, to Cornell Aeronautical Laboratory, Inc. Preparing a manganese chelated compound. 2,556,316, June 12.
Cartmell, Vernon L., Dayton, Ohio. Relay circuit. 2,540,098, Feb. 6.
Cartmill, Holley, San Bernardino, Calif. Soldering iron with regulable solder supply. 2,565,909, Aug. 28.
Cartter, William G., Monrovia, Calif., assignor to Affiliated Gas Equipment, Inc., Cleveland, Ohio. Pan type heat exchanger. 2,568,948, Sept. 25.
Cartun, Paul O., Cleveland Heights, Ohio, assignor to General Electric Company. Multiple gas burner for tipping-off glass articles. 2,571,537, Oct. 16.
Cartun, Paul O., Cleveland Heights, Ohio, assignor to General Electric Company. Sealing-in machine for tubular double-ended lamps. 2,575,746, Nov. 20.
Cartwright, Frank: *See*—
Tinley, Ernest L., and Cartwright.
Cartwright, Frank, Old Hill, England. Swing. 2,550,530, Apr. 24.
Cartwright, Horace A., Minneapolis, Minn. Vehicle mounted spraying equipment. 2,579,792, Dec. 25.
Cartwright, Robert B., Peoria, Ill. Dispensing container. 2,540,321, Feb. 6.
Cartwright, Robert B., Lincoln, Nebr., and W. M. Owen, Peoria, Ill., said Owen assignor to said Cartwright. Apparatus for closing and sealing containers. 2,551,527, May 1.
Carvalho, Leslie R. N., New York, N. Y., assignor, by mesne assignments, to Crown Cork Specialty Corporation, Decatur, Ill. Pouring nozzle. 2,540,931, Feb. 6.
Carvel, Thomas, Hartsdale, N. Y. Agitating and scraping mechanism. 2,576,995, Dec. 4.
Carver, Richard N., Erie, Pa., assignor to Louis Marx & Company, Inc., New York, N. Y. Cosmetic accessory comprising a rouge cup and a brush. 2,575,997, Nov. 20.
Carver, Vinton D.: *See*—
Graham, Clifton B., and Carver.
Carveth, Hector R., Jr., assignor to Chateau Gay Ltd., Lewiston, N. Y. Clarification of sparkling wines. 2,548,701, Apr. 10.
Carvin, Osborne W., assignee: *See*—
Spears, Estes O., and Clawitter.
Carwile, Roger L., Cambridge, Mass. Amusement device. 2,577,309, Dec. 4.
Cary, Henry H., Alhambra, Calif., assignor to Beckman Instruments, Inc. Infrared spectrophotometer. 2,562,525, July 31.
Casabianca, John, assignor of one-half to J. Fisher, New York, N. Y. Automobile hubcap cover. 2,568,430, Sept. 18.
Casablancas High Draft Company Limited, assignee: *See*—
Noguera, Joseph.
Casabona, Anthony M., assignor to Federal Telephone and Radio Corporation, New York, N. Y. Directive antenna. 2,557,941, June 26.
Casagrande, Aldo, Milan, Italy. Centrifugal power transmission. 2,550,971, May 1.

Casalbi Company, assignee: *See*—
Sparks, Carter W., Klee, and Sparks.
Casalonga, Jean: *See*—
Piéri, Jean, and Casalonga.
Casas Robert, Ramon, Geneva, assignor to Mefina S. A., Binningen, Switzerland. Sewing machine. 2,546,212, Mar. 27.
Casas Robert, Ramon, Geneva, assignor to Mefina S. A., Binningen, Switzerland. Sewing machine. 2,554,895, May 29.
Casas-Robert, Ramon, Geneva, Switzerland, assignor to Mefina S. A. Sewing machine throat plate retaining means. 2,569,091, Sept. 25.
Casas Robert, Ramon, and J. Court, Geneva, assignors to Mefina S. A., Binningen, Switzerland. Feeding device for sewing machines. 2,578,225, Dec. 11.
Casavant, Robert S., Southbridge, Mass. Lighter. 2,538,506, Jan. 16.
Cascade Manufacturing Company, assignee: *See*—
Pearson, Frank E.
Cascade Sprayer Company, assignee: *See*—
Dailey, Carl S.
Cascades Plywood Corporation, assignee: *See*—
Jacobson, Elmer H.
Uschmann, Curt.
Uschmann, Curt, and Jacobson.
Casciano, John, assignee: *See*—
Critchley, William A. and T. J.
Casco Products Corporation, assignee: *See*—
Berta, Joseph.
Cone, Joseph H.
Johnson, Arthur A.
Wuischpard, Lucien C.
Youhouse, Joseph.
Case, Edward N., Philadelphia, Pa., assignor to American Cyanamid Company, New York, N. Y. Salt bath rectifier. 2,575,322, Nov. 20.
Case, Frank D., Reading, assignor to Diamond Instrument Company, Wakefield, Mass. Seismometer system. 2,576,775, Nov. 27.
Case, J. I., Company, assignee: *See*—
Beck, Henry E.
Cox, Henry G.
Crawford, John F.
Davis, Fred H.
Ferguson, John L.
Hansen, Charles W.
Hansen, Hjalmer.
Heth, Sherman C.
Irvine, Houston N.
Krause, Norman R.
Markel, John M.
Mayhew, David D.
Morrissey, Patrick W.
Raught, Arthur V.
Richardson, Martin A.
Russell, Stanley D.
Rutter, Alvah E.
Schill, Bernard J.
Schoenrock, Otto R.
Wells, Frank W., and Kulhavy.
White, Carl E.
Case, Jay B.: *See*—
McCallum, Archie H., Breckenridge, and Case.
Case, Percival H., Lawrence, Mich., P. L. Karr and H. J. Koeber, Jr., Chicago, Ill., assignors to Illinois Watch Case Co. Actuating apparatus for sound systems. 2,545,941, Mar. 20.
Case, W. R., & Sons Cutlery Co., assignee: *See*—
Barnard, Harlin W.
Casebolt, George S., Darien, Conn., assignor to American Cyanamid Company, New York, N. Y. Laminating paper. 2,554,454, May 22.
Casella, Secondo L., Brooklyn, assignor to Morey Machinery Co. Inc., New York, N. Y. Automatic stock feeding mechanism for lathes. 2,559,941, July 10.
Casella, Secondo L., assignor to Morey Machinery Co., Inc., New York, N. Y. Internal collapsible chuck. 2,559,942, July 10.
Casella, Secondo L., R. Kurzweil, and J. J. Pesqueira, assignors to Morey Machinery Co., Inc., New York, N. Y. Hydraulic tool slide for lathes and the like devices. 2,563,918, Aug. 14.
Casellini, Ezio T., assignor to Sylvania Electric Products Inc., Salem, Mass. Electrical rectifier. 2,572,801, Oct. 23.
Casement Hardware Company, The, assignee: *See*—
Andresen, William A., and Boero.
Caserta, Michele, Detroit, Mich. Valve. 2,548,097, Apr. 10.
Casey, Charles L., Riverside, and J. B. Ryno, assignors to Reliable Metal Engineering Co., Chicago, Ill. Catamenial bandage belt. 2,536,796, Jan. 2.
Casey, Charles L., Riverside, and J. B. Ryno, assignors to Reliable Metal Engineering Co., Chicago, Ill. Vending machine for packaged articles. 2,537,300, Jan. 9.
Casey, Charles L., Riverside, and J. B. Ryno, Chicago, assignors, by mesne assignments, of one-half to said C. L. and one-half to R. E. Casey, Riverside, Ill. Window sash fastener. 2,554,455, May 22.
Casey, Clifford F.: *See*—
Hailston, Ellis W., Casey, and Melick.
Casey, John J.: *See*—
Leman, Donald L., and Casey.
Casey, Robert T., Bristol, Conn., assignor, by mesne assignments, to General Electric Company. Electric circuit breaker. 2,573,306, Oct. 30.
Casey, Robert T., Bristol, Conn., assignor, by mesne assignments, to General Electric Company. Calibration of electric circuit breakers. 2,573,307, Oct. 30.
Casey, Rose E., assignee: *See*—
Casey, Charles L., and Ryno.
Casey, Stephen H., Sr., San Diego, Calif. Door operating mechanism. 2,553,511, May 15.
Cashin, Frank J., Hempstead, N. Y., and H. W. Wolf, Hanover, Pa., assignors, by mesne assignments, to The DeFlorez Company, Inc. Pressure applicator for plastic bindings of hard cased books. 2,572,243, Oct. 23.
Cashman, Edward P.: *See*—
Leiber, Eugene, and Cashman.
Cashman, Edward P., Bayonne, N. J., and E. Lieber, Chicago, Ill., assignors to Standard Oil Development Company. Condensation of alkylated naphthalene with a sulfur oxyhalide in presence of Friedel-Crafts catalyst and mineral oil compositions containing same. 2,549,425, Apr. 17.
Casimir, Hendrik B. G., H. Nieuwdorp, Eindhoven, Netherlands, assignor to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Device for controlling the terminal voltage of a current load. 2,549,959, Apr. 24.
Casler, Adrien F.: *See*—
Spicer, Curtis D., and Casler.
Casler, Roger H., assignor to R. S. Sanford, Oakville, Conn. Bottle carrier. 2,575,654, Nov. 20.
Casnati, Lola A., New York, N. Y. Sanitary holder for articles. 2,561,842, July 24.
Casner Patents, Inc., assignee: *See*—
Roters, Herbert C.
Casper, Edward J., Bronx, N. Y. Spirit level. 2,568,143, Sept. 18.
Cass, George J., Kansas City, Mo. Power failure alarm. 2,566,597, Sept. 4.
Cass, Oliver W., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of trichloromethyl di-substituted methanes. 2,547,689, Apr. 3.
Cassaday, Jack T., Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Addition product of diester of dithiophosphoric acid and maleic acid and its esters, and preparation. 2,578,652, Dec. 18.
Cassaday, Jack T., and E. I. Hoegberg, Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Preparation of aminobenzothiazole. 2,575,614, Nov. 20.
Cassady, Joe, Iaeger, W. Va. Low-height tractor for hauling mine cars. 2,570,319, Oct. 9.
Cassel, Norman S., Ridgewood, and A. T. Clifford, Fair Lawn, N. J., assignors to Interchemical Corporation, New York, N. Y. Pad dyeing. 2,543,718, Feb. 27.
Cassel, Norman S., Ridgewood, and A. T. Clifford, Fair Lawn, N. J., assignors to Interchemical Corporation, New York, N. Y. Textile decorating. 2,579,793, Dec. 25.
Cassel, Norman S., Ridgewood, and A. T. Clifford, Fair Lawn, N. J., assignors to Interchemical Corporation, New York, N. Y. Textile decorating. 2,579,794, Dec. 25.
Cassell, Joseph L., New York, N. Y., assignor to Monmouth Laboratories, Inc., Bradley Beach, N. J. Multiple radio heterodyne distribution system. 2,545,259, Mar. 13.
Cassell, Robert T., Kew Gardens, and S. Kushner, Nanuet, assignors to American Cyanamid Company, New York, N. Y. Preparation of N-benzyl-beta-halopropionamides. 2,569,288, Sept. 25.
Cassell, William C., Williamson, W. Va. Kerf cutter. 2,537,331, Jan. 9.
Cassella Farbwerke Mainkur, assignee: *See*—
Persch, Walther.
Cassese, Salvatore, Redwood City, Calif. Liquid proportioner. 2,563,211, Aug. 7.
Cassidy, John H., Sandusky, Ohio, and R. M. Grunden, Erie, Pa., assignors to The Hinde & Dauch Company, Sandusky, Ohio. Container bottom structure. 2,540,712, Feb. 6.
Cassidy, Millard M.: *See*—
Burns, Harriet L., and Cassidy.
Cassidy, Robert C., Fairlawn, J. F. Schreiber, Passaic, and E. D. F. Tidd, Clinton, N. J., assignors to United States Rubber Company, New York, N. Y. Radiant heating installation. 2,569,921, Oct. 2.
Cassidy, William W., Englewood, Colo. Pouring attachment for paint cans. 2,570,426, Oct. 9.
Casson, Wesley C., Old Greenwich, Conn. Water pistol with mechanism which discharges a succession of water shots. 2,573,954, Nov. 6.
Castagna, Arnaldo, Turin, Italy. Variable-speed transmission. 2,574,530, Nov. 13.
Castan, Pierre, and O. Hagger, assignors to Gebr. de Trey Aktiengesellschaft, Zurich, Switzerland. Bulk polymerization of vinyl compounds using a sulfinic acid catalyst. 2,567,803, Sept. 11.
Castedello, William: *See*—
Schwartz, Hyman, and Castedello.
Schwartz, Morris, and Castedello.
Castedello, William, assignor to The Kalart Company, Inc., Stamford, Conn. Shutter controlled safety switch. 2,536,490, Jan. 2.

Castedello, William, assignor to The Kalart Company Inc., Stamford, Conn. Hinge for photographic apparatus. 2,576,996, Dec. 4.
Casteel, Robert F., Ames, Iowa. Heated primer for internal-combustion engines. 2,553,079, May 15.
Castel, Henri, and C. Picardel, Boulogne Billancourt, France, assignors to International Standard Electric Corp., New York, N. Y. Measuring instrument using pressure sensitive chamber. 2,565,472, Aug. 28.
Castellan, Carl A., Media, Pa., assignor to American Viscose Corporation, Wilmington, Del. Thread-advancing reel. 2,579,548, Dec. 25.
Castellano, Joseph P., Brooklyn, N. Y. Pneumatic camera flash synchronizer. 2,558,235, June 26.
Castelli, Charles, Union City, assignor to Columbia Protektosite Co. Inc., Carlstadt, N. J. Eyeglass frame construction. 2,553,496, May 15.
Castelli, Charles, Union City, assignor, by mesne assignments, to Columbia Protektosite Co. Inc., Carlstadt, N. J. Covered receptacle tray. 2,563,157, Aug. 7.
Castelli, Xavier F., assignor to Societe Cri-Dan, Paris, France. Screw machine. 2,576,570, Nov. 27.
Castenschiold, René, Morristown, assignor to American Transformer Co., Newark, N. J., Transformer coil spacer. 2,571,418, Oct. 16.
Caster, Eldred E., Tigard, Oreg. Reamer attachment for hacksaws. 2,560,846, July 17.
Castillon, Leah E.: *See*—
Altschul, Aaron M., and Castillon.
Castino, Harry L.: *See*—
Evanoff, John, and Castino.
Castle, Clemens X.: *See*—
Wilmotte, Raymond M., and Castle.
Castle, James B., Jr., Oakland, and A. A. Sinclair, San Leandro, assignors, by mesne assignments, to said J. B. Castle, Jr., and E. W. Johnson, Oakland, Calif. Electrohydraulic control means for machines employing plural hydraulic motors. 2,558,071, June 26.
Castle, John B., Los Angeles, assignor to Douglas Aircraft Company, Inc., Santa Monica, Calif. Safety device for pressurized cabin doors. 2,577,697, Dec. 4.
Castle, John E., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparing cyanobutyl guanamine. 2,548,772, Apr. 10.
Castleman, Roy K.: *See*—
Petersen, Adolph H., and Castleman.
Castleton, Albert E.: *See*—
Boosey, Frederick R., Loxham, Castleton, and Hart.
Castmaster Fishing Reel Corporation, assignee: *See*—
Hull, R. Dell, and Crawford.
Castner, Frank G., Bridgeport, assignor to The Tirips Corporation, Steubenville, Ohio. Pressure regulating valve for hydraulic brake systems. 2,579,904, Dec. 25.
Castner, John F., Hammond, La. Surface supported device for gripping a receptacle and removing the closure and having a single operator. 2,566,598, Sept. 4.
Castro, Albert J.: *See*—
Elwell, William E., and Castro.
Casty, Richard, Allschwil, assignor to Ciba Limited, Basel, Switzerland. Dyeing animal and other fibers having similar properties. 2,552,404, May 8.
Caswell, Arthur S., assignor to I. T. E. Circuit Breaker Company, Philadelphia, Pa. Blow on arc tip. 2,545,341, Mar. 13.
Caswell, Arthur S., assignor to I. T. E. Circuit Breaker Company, Philadelphia, Pa. Double-throw clamping switch. 2,547,153, Apr. 3.
Caswell, Arthur S., assignor to I. T. E. Circuit Breaker Company, Philadelphia, Pa. Double throw clamp-tight switch. 2,553,238, May 15.
Caswell, Edgar F., assignor to Kelsey-Hayes Wheel Company, Detroit, Mich. Work holding chuck. 2,557,726, June 19.
Catalano, Frank P.: *See*—
Catalano, Peter P., J. P., and F. P.
Catalano, Joseph D., Baltimore, Md. Amphibian helicopter. 2,554,938, May 29.
Catalano, Joseph P.: *See*—
Catalano, Peter P., J. P., and F. P.
Catalano, Peter P., J. P., and F. P., assignors to Panepinto Mfg. Corp., North Collins, N. Y. Safety gas shutoff. 2,565,421, Aug. 21.
Cataldo, John B.: *See*—
O'Brien, Joseph F., and Cataldo.
O'Brien, Joseph F., Cataldo, and Vroom.
Cataldo, John, Revere, Mass. Oil temperature indicating device. 2,579,363, Dec. 18.
Cataldo, John B., Bernardsville, N. J., assignor, by mesne assignments, to Thermal Liquids, Inc., New York, N. Y. Electrically modulated valve. 2,569,800, Oct. 2.
Catalin Corporation of America, assignee: *See*—
Hyman, Joseph B.
Catanach, Arthur E., and R. P. Gulley, Port Arthur, Tex., assignors to Gulf Oil Corporation, Pittsburgh, Pa. Breaking water and oil emulsions. 2,566,979, Sept. 4.
Catanach, Arthur E., and R. P. Gulley, Port Arthur, Tex., assignors to Gulf Oil Corporation, Pittsburgh, Pa. Breaking water and oil emulsions. 2,566,980, Sept. 4.
Catanzaro, Peter: *See*—
Farrelly, Francis J., and Catanzaro.
Caterpillar Tractor Co., assignee: *See*—
Burks, George E., Lundberg, and Nichols.
Burks, George E., and Robinson.
Caterpillar Tractor Co., assignee: *See*—Continued.
Fleck, Kenneth J., and Wagner.
Gardner, John R., Landen, Middleton, and Paul.
Grim, George B., and Fleck.
Gustafson, Carl A.
Johnson, Lloyd E.
Maxwell, Carl R., and Larson.
Riegel, Glen C., Alexander, and Lenz.
Riegel, Glen C., and Wright.
Rosen, Carl G. A., Maxwell, Paul, and Furstoss.
Zuhn, Arthur A.
Cates, Julius, Wembley, England, assignor to General Electric Company. Circuits for electric discharge lamps. 2,541,033, Feb. 13.
Cates, Lillian D., Los Angeles, Calif. Sound conducting tube for hearing aids. 2,566,313, Sept. 4.
Catford, Adrian L., Hampton, assignor to D. Napier & Son Limited, London, England. Interrelated propeller and engine control. 2,555,784, June 5.
Cathcart, John A.: *See*—
Kenyon, William O., and Cathcart.
Cathcart, Samuel D., Enfield, assignor to Kendall & Sons, Limited, Leicester, England. Umbrella, parasol, and the like. 2,543,360, Feb. 27.
Cathcart, Samuel D., Enfield, assignor to Kendall & Sons, Limited, Leicester, England, Umbrella, parasol and the like. 2,553,440, May 15.
Catlin, John B., Neenah, and J. C. Wollwage, Appleton, assignors to Paper Patents Company, Neenah, Wis. Filter materials and making such materials. 2,554,814, May 29.
Catlin, John P., Bridgeport, and W. S. Reynolds, Stratford, Conn., and H. E. Hutzelman, Wilmington, Del., assignors to Remington Arms Company, Inc., Bridgeport, Conn. Machine for assembling ammunition components, including resistance wire. 2,559,278, July 3.
Catlin, Willard E.: *See*—
Rueggeberg, Walter H. C., Catlin, and Cook.
Cato, Carl P.: *See*—
Becker, Walter A., and Cato.
Cato, Ernest E., Dallas, Tex. Form for casting concrete steps. 2,537,396, Jan. 9.
Caton, George R.: *See*—
Arnold, Walter E., and Caton.
Caton, Milton W., East Detroit, Mich., assignor to Champion Spark Plug Company, Toledo, Ohio. Refractory material. 2,559,343, July 3.
Catranis, John G., Syracuse, N. Y. Artificial leg (thigh muscle knee lock control). 2,568,051, Sept. 18.
Catranis, John G., Syracuse, N. Y. Control valve. 2,568,052, Sept. 18.
Catranis, John G., Syracuse, N. Y. Knee lock mechanism for artificial legs. 2,568,053, Sept. 18.
Catravas, Spiro J., Cottesloe, Johannesburg, Transvaal, Union of South Africa. Artificial horizon having gyroscope control means. 2,567,053, Sept. 4.
Cattanach, Leo J. C., Long Branch, assignor to Juice Bar Corp., Matawan, N. J. Vending device for cylindrical articles. 2,562,015, July 24.
Cauchener, David, New York, N. Y. Heating apparatus. 2,540,652, Feb. 6.
Cauble, Raymond R., Indianapolis, Ind. Trash cutting attachment for breaking plows. 2,576,500, Nov. 27.
Caudill, Howard F., Arlington Heights, assignor to Western Foundation Corporation, Chicago, Ill. Button bottom pile. 2,554,896, May 29.
Cauley, Stephen P., Garden City, N. Y., assignor to Socony-Vacuum Oil Company, Incorporated. Manufacture of carbureted water gas. 2,539,118, Jan. 23.
Cauley, Stephen P., Garden City, N. Y., assignor to Socony-Vacuum Oil Company, Incorporated. Manufacture of carbureted water gas. 2,539,119, Jan. 23.
Caulfield, Joseph R., West Norwood, and M. E. Hanson, Haddonfield, assignors to Champlain Company, Inc., Bloomfield, N. J. Web drying system. 2,554,239, May 22.
Caulk, L. D., Company, The, assignee: *See*—
Knock, Frances E.
Knock, Frances E., and Glenn.
Cauwenberg, Finfred J.: *See*—
Marcot, Guy C., Cauwenberg, and Lamanna.
Cavagnaro, John L.: *See*—
Cavagnaro, Nicholas J., Jr., and J. L.
Cavagnaro, N. J., & Sons Machine Corporation, assignee: *See*—
Cavagnaro, Nicholas J., Jr., and J. L.
Cavagnaro, Nicholas J., Jr., Hicksville, and J. L. Cavagnaro, assignors to N. J. Cavagnaro & Sons Machine Corporation, Brooklyn, N. Y. Hydraulic expressor. 2,576,776, Nov. 27.
Cavallero, Joseph T.: *See*—
Morehouse, Charles R., and Cavallero.
Cavallito, Chester J.: *See*—
Lawson, Elmer J., Cavallito, and Mooradian.
Cavallito, Chester J., Rensselaer, assignor, by mesne assignments, to Winthrop-Stearns Inc., New York, N. Y. Extraction of garlic. 2,554,088, May 22.
Cavanagh, John F., assignor to M. L. Grant, Providence, R. I. Coin collector and register. 2,578,226, Dec. 11.
Cavanagh, Martin, Oceanside, N. Y. Gasoline pump nozzle guard. 2,543,401, Feb. 27.

Cavanagh, Patrick E., Oakville, Ontario, Canada, assignor to Allen B. Du Mont Laboratories, Inc., Passaic, N. J. Device for testing ferrous metals. 2,564,777, Aug. 21.
Cavanaugh, Arthur A., Alameda, Calif. Nailing machine. 2,573,540, Oct. 30.
Cavanaugh, Robert M.: *See*—
Barnhart, Robert E., and Cavanaugh.
Cavanaugh, Robert M., and R. H. Weir, Woodbury, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Separating carboxylic acids resulting from the liquid phase oxidation of oleic acid. 2,560,156, July 10.
Cave, Willard E., Brownsboro, Oreg. Grasshopper dispenser. 2,579,549, Dec. 25.
Cave, William T., Oxford, England, and G. E. Haddeland, Deep River, Ontario, assignors to Shawinigan Chemicals Limited, Montreal, Quebec, Canada. Chlorinating acetaldehyde. 2,553,934, May 15.
Cavicchioli, Mario, New York, N. Y. Device in dishwashing machine for recovering silverware and the like. 2,573,128, Oct. 30.
Cavins, Paul, Jr., assignee: *See*—
Cormany, David R.
Cawley, Aloysius J., Pittston, Pa. Road engaging means for automobiles. 2,541,860, Feb. 13.
Cawley, Clifton M.: *See*—
Cawley, James T. and C. M.
Cawley, James T. and C. M., Silsbee, Tex. Liquid seal compressor. 2,547,111, Apr. 3.
Cawley, John D., C. D. Robeson, E. M. Shantz, L. Weisler, and J. G. Baxter, assignors, by mesne assignments, to Eastman Kodak Company, Rochester, N. Y. Synthesis of vitamin A active compounds containing repeated isoprene units. 2,576,103, Nov. 27.
Caylor, Clyde M., Camden, Tenn. Potato masher. 2,559,186, July 3.
Cayo, Edward L., Benton Harbor, Mich. Pencil pointer. 2,540,320, Feb. 6.
Cecil, Lawrence K., Tulsa, Okla., and H. W. Gillard, Oak Park, assignors to Infilco Incorporated, Chicago, Ill. Sludge heater. 2,538,412, Jan. 16.
Cecka, Thomas G., assignor to International Milling Company, Minneapolis, Minn. Multiple stand roller mill with worm and worm wheel drive to each roll. 2,569,744, Oct. 2.
Cederberg, Carl W., Attleboro, Mass., assignor to Larson Tool and Stamping Co. Holder for rolls of sheet material. 2,561,972, July 24.
Cederblad, Harold, San Francisco, Calif. Retractable safety fish gaff and handle. 2,536,535, Jan. 2.
Celanese Corporation of America, assignee: *See*—
Allen, Sidney J., and Drewitt.
Astill, Albert A., and Fama.
Ayala, Hector L.
Bailey, Dana L., and Bard.
Baines, Richard H., Eccles, and Fulton.
Baker, George A., and Hunter.
Bartlett, William D.
Caprio, Amerigo F., and Shuman.
Crummett, Alan, and Mellor.
Dice, Henry K.
Dice, Henry K., and Mitchell.
Dodge, Frederick G.
Dodge, Frederick G., and Schneider.
Downing, John.
Drewitt, James G. N., and Lincoln.
Dreyfus, Henry.
Duke, Marshall, Hohing, and Shaffer.
Duke, Marshall, Rio, and Hohing.
Edwards, Walter R.
Elvin, William J., and McLuckie.
Elvin, William J., and Schulte.
Esmond, William G.
Ewing, Henry.
Finlayson, Donald, and Cooke.
Fletcher, Walter.
Folsom, Noel J.
Fortess, Fred, Rosenthal, and White.
Fortess, Fred, and White.
Frearson, Thomas B., and Goodall.
Gialanella, Joseph A.
Gibbs, Bradford C.
Greenwood, Ernest L., Hughes, and Morledge-Hadfield.
Groombridge, Walter H.
Hart, William J., and Salvin.
Hibbert, Harold M., Holroyd, and Baines.
Hieserman, Clarence E.
Horback, William B.
Horback, William B., and Paist.
Irany, Ernest P., and Landau.
Irany, Ernest P., Skeist, and Maturi.
Jones, Wilford D.
Keight, Albert W.
Keight, Albert W., and Bottorf.
Killoran, Joseph L.
Kinsella, Edward.
Kress, Bernard H.
Landau, Edward F., and Irany.
Lease, Delbert B.
Lippmann, Daniel C.
MacLean, Alexander F.
MacLean, Alexander F., and Heinz.
MacLean, Alexander F., and Stautzenberger.
Martin, Mervin E., Andrews, and Franck.
Martin, Mervin E., and Reed.
Celanese Corporation of America, assignee: *See*—Con.
Martin, Mervin E., and Sherk
May, Geoffrey B., and Fisher.
Miller, Alfred L., and Kress.
Mitchell, Robert L., and McNair.
Neilson, John F., and Hawkes.
Noether, Herman D., and Irany.
Normand, Wilfred T., and Cramer.
Olpin, Henry C., House, and Wright.
Oxley, Horace F., Thomas, and Nichols.
Piperoux, Rene P., Hertz, and Diemer.
Piperoux, Rene P., Moeller, and Hertz.
Plunguian, Mark, and Riley.
Pool, William.
Prichard, John H.
Robertson, Nat C.
Robertson, Nat C., and Allen.
Roughsedge, Robert H., and Lustig.
Salvin, Victor S., and Adams.
Salvin, Victor S., and Hart.
Seymour, George W., and Duke.
Seymour, George W., Fortess, and Duke.
Seymour, George W., White, and Kirshen.
Seymour, George W., White, Rosen, and Kruth.
Sharphouse, John H., and Downing.
Shugar, Gershon J., and Paist.
Sowter, Percy F. C., and Hill.
Stahl, Elmer R.
Stautzenberger, Adin L., and MacLean.
Stearn, William T.
Steiding, John B.
Steiding, John B., and Sutherland.
Taylor, Matthew M.
Taylor, William I.
Teeple, John H., and Strickler.
Van Gorder, Norman, Horback, and Caprio.
Walker, William, and Moss.
Wilcox, Merlyn H., Downing, and Drewitt.
Whitehead, William.
Wright, John.
Celestin, William E., New York, N. Y. Intermittent lighting means for motion pictures. 2,539,228, Jan. 23.
Cella, Joseph F., Crestwood, N. Y. Stacking guide for crates, boxes, and cases. 2,561,561, July 24.
Cellwork, William E., Kansas City, assignor to Standard Steel Works, North Kansas City, Mo. Tunnel drain construction on semitrailer tanks. 2,536,263, Jan. 2.
Celotex Corporation, The, assignee: *See*—
Burt, George H.
Muench, Carl G.
Cement Gun Company, Inc., assignee: *See*—
Gillespie, Robert N., Mair, and McNally.
Centofanti, Emanuele, Youngstown, Ohio. Toy merry-go-round. 2,569,922, Oct. 2.
Centofanti, Olin: *See*—
Brockman, Frank G., and Centofanti.
Centolella, Albert P.: *See*—
Heyl, Frederick W., Herr, and Centolella.
Central Brass & Iron Foundry, assignee: *See*—
Meier, Edward E.
Central Commercial Company, assignee: *See*—
Larsen, Merwin J., and Erickson.
Central Commercial Industries, Inc., assignee: *See*—
Evett, Arthur F.
French, Melvin H.
Koehl, James A.
Larsen, Merwin J.
Central Industrial Corporation, assignee: *See*—
Borden, Philip H.
Central National Bank of Cleveland, assignee: *See*—
Goss, Harold J.
Central National de la Recherche Scientifique, assignee: *See*—
Dupont, Georges, and Guillemonat.
Central Railway Supply Company, assignee: *See*—
Johnson, Malcolm S., and Oakley.
Central Silica Company, The, assignee: *See*—
McAllister, Robert W., Jr.
Central Soya Company, Inc., assignee: *See*—
Karjala, Sulo A.
Karjala, Sulo A., and Riley.
Central Stamping and Manufacturing Company, assignee: *See*—
Eichholz, Arthur H., and Samuelson.
Centre d'Etudes M. B. A. (Mecanique, Balistique, Armement), assignee: *See*—
Gourdon, Robert.
Centre National de La Recherche Scientifique, assignee: *See*—
Felici, Noel.
Trombe, Felix.
Centric Indicator, Inc., assignee: *See*—
Shapiro, David C.
Centrifix Corporation, assignee: *See*—
Bloomer, Ward J.
Bloomer, Ward J., and Wright.
Wright, Bruce R.
Wright, Bruce R., and Hillix.
Centrifuge Mechanical Equipment, Inc., assignee: *See*—
Smith, John D. L.
Century Electric Company, assignee: *See*—
Bretch, Edward.
Keiser, William P.
O'Daniel, Clarence.

Century Electric Company, assignee: *See*—Continued.
Seifried, Reinhold V.
Wolff, Samuel S.
Wolff, Samuel S., and Witt.
Century Engineering Company, assignee: *See*—
Pollock, Latham.
Century Lighting, Inc., assignee: *See*—
Lundquist, Oliver L.
Cerc Reamer Co., assignee: *See*—
Bryzek, Carl M.
Cerf, Baruch, assignor to Graphite Frecs Company, Los Angeles, Calif. Method comprising coating a well-drilling weighting material. 2,551,874, May 8.
Cerf, Gustave D., Livingston, assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Starter system for Diesel engines. 2,552,256, May 8.
Cerf, Robert C., Jr., assignor to Hollymade Hardware Manufacturing Company, Los Angeles, Calif. Lock knob and reversible spindle attaching means. 2,542,117, Feb. 20.
Cerf, Robert C., Jr., assignor to Hollymade Hardware Manufacturing Company, Los Angeles, Calif. Nonlocking doorknob latch set. 2,547,256, Apr. 3.
Cerf, Robert C., Jr., assignor to Hollymade Hardware Manufacturing Company, Los Angeles, Calif. Doorknob. 2,547,439, Apr. 3.
Cerf, Robert C., Jr., assignor to Hollymade Hardware Manufacturing Company, Los Angeles, Calif. Pin tumbler lock structure. 2,555,316, June 5.
Cerf, Robert C., Jr., assignor to Holymade Hardware Manufacturing Company, Los Angeles, Calif. Auxiliary bolt deadlocking latch. 2,558,509, June 26.
Cerf, Robert C., Jr., assignor to Hollymade Hardware Manufacturing Company, Los Angeles, Calif. Lock bolt structure. 2,562,016, July 24.
Cerf, Robert C., Jr., assignor to Hollymade Hardware Manufacturing Company, Los Angeles, Calif. Fitting tumbler pins. 2,570,765, Oct. 9.
Cerino, Vincent, Baltimore, Md. Mechanical body and leg movements of figure toys. 2,541,404, Feb. 13.
Cermak, William, New York, N. Y. Selective two-battery charging system for vehicles and the like. 2,564,957, Aug. 21.
Cerniak, Henry L., assignor to National Steel Container Corporation, Chicago, Ill. Combination plug and agitator crank. 2,543,151, Feb. 27.
Cerniak, Henry L., assignor to National Steel Container Corporation, Chicago, Ill. Agitator shaft support. 2,543,567, Feb. 27.
Cerniglia, Santo L., Chicago, Ill. Combination receptacle and holder. 2,545,135, Mar. 13.
Cerny, Joseph J., Chicago, Ill. Electrical resistor. 2,559,943, July 10.
Cerny, Walter J.: *See*—
Mathes, Frank D., Jr., and Cerny.
Cerrella, Vicente, Buenos Aires, Argentina. Device for operating the movable mechanism of firearms. 2,537,443, Jan. 9.
Cerreta, Michael, assignee: *See*—
Sauer, George V.
Certain-Teed Products Corporation, assignee: *See*—
Croce, Michele.
Ernst, Alfred F.
Powers, Michael M., and Loechl.
Certified Chemical Company, assignee: *See*—
Conway, Joseph D.
Certified Gas Equipment Company, assignee: *See*—
Robinson, William.
Cerulli, Nicholas F., Bloomfield, and J. W. McNall, East Orange, N. J., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Manufacture of thoria cathodes. 2,557,372, June 19.
Cervny, William J., Hinsdale, Ill., assignor to Koppers Company, Inc., Pittsburgh, Pa. Hydrogenation of aromatic compounds. 2,537,968, Jan. 16.
Cesár, Jorge M., Monterrey, Mexico. Electric-light service indicator. 2,580,074, Dec. 25.
Cesar, Simon S., London, England. Styptic attachment for razors. 2,559,344, July 3.
Cesaroni, Venanzio, assignor of sixty-two per cent to S. H. Greer, Vancouver, British Columbia, Canada. Saw blade. 2,579,728, Dec. 25.
Ceskoslovenska Zbrojovka Brno A. S., assignee: *See*—
Koucky, Josef.
"Ceskoslovenske zavody sklarske, narodni podnik," assignee: *See*—
Adam, Václav.
Chaban, Charles J., assignor to Stabelan Chemical Company, Toledo, Ohio. Stabilization of polymerized chloro-substituted ethylenes. 2,566,791, Sept. 4.
Chaboisseau, Lucien, Montreuil-sous-Bois, assignor to Societe de Robinetterie S. A. J., Paris, France. Mixing tuyère. 2,557,596, June 19.
Chace, Thomas B., Winnetka, Ill. Frying pan. 2,541,034, Feb. 13.
Chace, Thomas B., Winnetka, assignor to The Dole Valve Company, Chicago, Ill. Drinking fountain apparatus. 2,572,244, Oct. 23.
Chace, Thomas B., and C. A. Brown, assignors to The Dole Valve Company, Chicago, Ill. Fluid control system for laundering apparatus. 2,548,651, Apr. 10.
Chace, Thomas B., Winnetka, and J. A. Reinhardt, Wheaton, assignors to The Dole Valve Company, Chicago, Ill. Dispenser unit. 2,575,489, Nov. 20.
Chadbourne, Joseph H., Danielson, Conn., assignor to The Danielson Manufacturing Company. Picker construction. 2,564,424, Aug. 14.
Chadeloid Corporation, assignee: *See*—
Fisher, John R., Jr., and Price.
Mayers, John W.
Chadil, Robins L., Manhattan Beach, and S. E. Hoffer, Inglewood, assignors of one-fourth to D. E. Waggoner, Jr., and one-fourth to J. F. Gardiner, Manhattan Beach, Calif. Self-closing filling nozzle. 2,547,690, Apr. 3.
Chadwell, Cecil E., Bakersfield, Calif. Display holder. 2,554,559, May 29.
Chadwick, Cecil G., Niagara Falls, N. Y., assignor to Union Carbide and Carbon Corporation. Decarburizing high-carbon ferrochromium. 2,541,153, Feb. 13.
Chadwick, Ernest F., Marysville, Wash. Salvage boat. 2,536,908, Jan. 2.
Chadwick, Joseph H., Portland, Oreg. Combination fluid dispensing nozzle and fluid level indicating means. 2,580,157, Dec. 25.
Chadwick, Lee S., Shaker Heights, assignor to Perfection Stove Company, Cleveland, Ohio. Cabinet construction. 2,561,094, July 17.
Chadwick, Richard, Birmingham, and W. G. Heaton, Sutton Coldfield, England, assignors to Imperial Chemical Industries Limited. Solders. 2,552,935, May 15.
Chaffee, Ralph W., San Francisco, Calif. Package closing and sealing machine. 2,542,900, Feb. 20.
Chaffee, Ralph W., San Francisco, Calif. Package closing and sealing machine. 2,542,901, Feb. 20.
Chafin, James M.: *See*—
Wright, John G., Chafin, Sudan, Watkins, and Hanson.
Chaft, Marc, Queens Village, assignor to Kenart Devices, Inc., Brooklyn, N. Y. Combination lamp guard and clamp for photographic and other purposes. 2,557,532, June 19.
Chagnon, Zephir J., Delmar, assignor to Albany Felt Company, Albany, N. Y. Compressive shrinking and finishing blanket. 2,536,974, Jan. 2.
Chaillot, Roger A., Paris, France, assignor to Societe Anonyme dite: Societe Marocaine de Constructions Mecaniques. Theater chair. 2,579,795, Dec. 25.
Chaims, Jerome, assignee: *See*—
Gould, Charles T.
Chain Belt Company, assignee: *See*—
Baker, George W., Conley, and Olson.
Baugh, Robert T.
Conley, Weld E., Jr.
Fleischmann, George A.
Hawkins, Roy M.
Hilkemeier, Louis G.
Hilkemeier, Louis G., and Hawkins.
Imse, Philip J.
Longenecker, Charles I.
Snavely, Joseph W.
Viall, George K.
Chaix, Ernest T., St. Louis, Mo., assignor, by mesne assignments, to Ramsey Corporation. Piston stabilizer. 2,571,110, Oct. 16.
Chakan, Steve: *See*—
Franchok, Steve, and Chakan.
Chakeres, John B., Columbus, Ohio. Clamp. 2,565,065, Aug. 21.
Chalhoub, Christian, Paris, France. Device for regulating the output voltage of an amplifier by means of thermosensitive resistances. 2,572,108, Oct. 23.
Chalifoux, Albert P., Fitchburg, Mass. Sanding device for vehicles. 2,538,234, Jan. 16.
Chalk Line, Inc., The, assignee: *See*—
Soifer, Max.
Challenge Machinery Company, The, assignee: *See*—
Lee, James E., and Barney.
Chambault, Liliane J. G., heiress: *See*—
Corgerat, Jean, and Détrez.
Chamberlain Corporation, assignee: *See*—
Etten, Nicholas.
Etten, Nicholas L.
Chamberlain, George R., Baden, assignor to The National Supply Company, Pittsburgh, Pa. Pipe upsetting and hot broaching tool. 2,548,702, Apr. 10.
Chamberlain, Glen, Wichita, Kans. Attaching means for adapter sprockets. 2,575,582, Nov. 20.
Chamberlain, Henry T., trustee, assignee: *See*—
Nickerson, Mortimer H.
Chamberlain, Inc., assignee: *See*—
Lilja, Ernest L., and Paterson.
Paterson, Andrew.
Chamberlain, Jay B., assignee: *See*—
Kuhl, George H.
Chamberlain, Joseph W., Holland, Mich. Refrigerator. 2,575,094, Nov. 13.
Chamberlain, Kenneth A. J., and D. A. W. Fairweather, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited. Vat dyestuff of the acridone series. 2,542,312, Feb. 20.
Chamberlain, Louise R., assignee: *See*—
Kuhl, George H.

Chamberlain, Norman H.: *See*—
Speakman, John B., Chamberlain, and Dorkin.
Chamberlin, Alan C., Bethlehem, and R. M. Weigle, Steelton, Pa., assignors to Bethlehem Steel Company. End hardening of rails. 2,573,308, Oct. 30.
Chamberlin Company of America, assignee: *See*—
Willett, Leon E.
Chamberlin, John W.: *See*—
Chamberlin, John W., and Horvath.
Chamberlin, John W., Mequon, Wis., assignor to Bendix Home Appliances, Inc., South Bend, Ind. Washer and centrifugal drier. 2,538,667, Jan. 16.
Chamberlin, John W., Mequon, Wis., assignor, by mesne assignments, to Avco Manufacturing Corporation, New York, N. Y. Textile washing and drying apparatus. 2,555,268, May 29.
Chamberlin, John W., Mequon, Wis., assignor, by mesne assignments, to Avco Manufacturing Corporation, New York, N. Y. Resilient mounting for clothes receiving cylinders in washing machines. 2,555,269, May 29.
Chamberlin, John W., Mequon, Wis., assignor, by mesne assignments, to Avco Manufacturing Corporation, New York, N. Y. Washing by intermittent high and low speed rotation. 2,556,490, June 12.
Chamberlin, John W., Mequon, and J. F. Horvath, Milwaukee, Wis., assignors, by mesne assignments, to said J. W. Chamberlin, Evanston, Ill. Vibration dampening support for cleaning and extracting apparatus. 2,579,472, Dec. 25.
Chamberlin, Newell K., assignor to The Atlantic Refining Company, Philadelphia, Pa. Detection of leaks in pipe lines. 2,537,737, Jan. 9.
Chamberlin, Reginald H. D., and C. H. L. Wynne, London, and J. Skellern, Northolt, assignors to D. Napier & Son Limited, London, England. Apparatus for metering the fuel supplied to a prime mover. 2,536,158, Jan. 2.
Chambers, Albert M., Jr., assignor to The Garlock Packing Company, Palmyra, N. Y. Oil seal. Re. 23,431, Nov. 27.
Chambers, Albert M., Jr., assignor to The Garlock Packing Company, Palmyra, N. Y. Oil seal. 2,542,234, Feb. 20.
Chambers, Albert M., Jr., and G. R. Milligan, assignors to The Garlock Packing Company, Palmyra, N. Y. Sealing device. 2,555,675, June 5.
Chambers, Alfred A.: *See*—
Aubrey, Richard, Jr., and Chambers.
Chambers, Arthur B., Memphis, Tenn. Window construction. 2,551,657, May 8.
Chambers, Barney A., Milam, Tex. Post setter. 2,568,540, Sept. 18.
Chambers Corporation, assignee: *See*—
Chambers, John E.
Chambers, Fred W., Toronto, Ontario, Canada. Panel cooling system. 2,541,861, Feb. 13.
Chambers, Jack D., London, England. Filter for use in making coffee. 2,539,771, Jan. 30.
Chambers, John E., Shelbyville, Ind., assignor to Chambers Corporation. Rotatable burner support. 2,578,227, Dec. 11.
Chambers, John M., Blackdown Hill, Leamington Spa, assignor to Harry Ferguson, Ltd., Coventry, England. Jack for tractors. 2,555,471, June 5.
Chambers, Lawrence B., East Cleveland, assignor to The Brush Development Company, Cleveland, Ohio. Piezoelectric device of ammonium pentaborate crystal. 2,554,324, May 22.
Chambers, Raymond, Long Beach, Calif. Automobile steering wheel spinner. 2,549,774, Apr. 24.
Chambers, Russell J., Cedar Rapids, Iowa. Injector for injecting caustic or acid fluids. 2,576,282, Nov. 27.
Chambers, Thomas R., Chicago, Ill. Street locating device. 2,558,538, June 26.
Chambers, Thomas S., and R. T. Florence, assignors to A. B. Dick Company, Chicago, Ill. Stencil duplicating inks. 2,556,902, June 12.
Chambers, Torrence H., Washington, D. C. Variable inductive coupling. 2,568,718, Sept. 25.
Chambers, Victor S.: *See*—
Schoene, Dwight L., and Chambers.
Champer, Leon: *See*—
Christensen, Leo M., Miller, and Champer.
Champion, Alfred, assignee: *See*—
O'Neilly, William J.
Champion, Claude B.: *See*—
Fussell, Ernest G., and Champion.
Champion Motors Company, assignee: *See*—
Kloss, Dale D.
Champion, Necols, Orange, N. J. Photograph identification. 2,543,353, Feb. 27.
Champion Paper and Fibre Company, The, assignee: *See*—
Bradner, Donald B.
Bradner, Donald B., Stoddard, and Blickensderfer.
Heckel, Herman C. N., and Salisbury.
Lauderman, Vincent A.
Montgomery, William J.
Champion Spark Plug Company, assignee: *See*—
Bretsch, Michael A., and Christie.
Caton, Milton W.
Schurecht, Harry G.
Champlain Company, Inc., assignee: *See*—
Auer, Frederick.
Caulfield, Joseph R., and Hanson.
Haskin, Lawrence H., Jr.
Worthington, Emory W., and Schowerer.
Champney, Hubert H., Succasunna, and L. B. Counterman, Kenvil, N. J., assignors to the United States of America as represented by the Secretary of War. Smoke pot. 2,565,352, Aug. 21.
Chance, A. B., Company, assignee: *See*—
Armstrong, James G.
Cole, Elmer K.
Hoadley, Herbert E.
Hollander, William L.
Hubbard, David C.
Hubbard, David C., and Hollander.
Salmons, George C.
Chance, Britton, Cambridge, Mass., assignor, by mesne assignments, to the United States of America as represented by the Secretary of War. Sawtooth synchronizing circuits. 2,562,295, July 31.
Chance, Britton, Cambridge, Mass., assignor, by mesne assignments, to the United States of America as represented by the Secretary of the Navy. Pulse generating circuit. 2,562,660, July 31.
Chance, Britton, Cambridge, Mass., assignor, by mesne assignments, to the United States of America as represented by the Secretary of War. Radar tracking system. 2,572,986, Oct. 30.
Chance, Franklin S.: *See*—
Hamblet, Clement H., and Chance.
Chance, James L., Chester, assignor of fifty per cent to W. E. Thawley, Denton, Md. Attachable handle for pans. 2,577,676, Dec. 4.
Chancenotte, Gaston, assignor of seven-tenths to J. M. A. Legrand, Paris, France. Engraving sound tracks on a support and reproducing sounds by scanning said tracks. 2,546,850, Mar. 27.
Chandler, Alanson W., Bartlesville, Okla., assignor to Phillips Petroleum Company. Automatic change-over and indicator valve. 2,578,042, Dec. 11.
Chandler, Arthur L., assignor to Hi-Way Implement Company, Yuma, Colo. Grain unloading attachment for combines. 2,541,984, Feb. 20.
Chandler, Bruce C.: *See*—
Parks, Arthur S., and Chandler.
Chandler, Chester C., Austin, Tex. Automatic gate. 2,543,893, Mar. 6.
Chandler, Clara L., assignor of one-half to F. Levstek, Cleveland, Ohio. Foldable garment support for ironing boards. 2,576,067, Nov. 20.
Chandler, Edward A., assignor to Molins Machine Company Limited, London, England. Thermocontrol arrangement for electric circuits. 2,557,727, June 19.
Chandler, Edward F., Brooklyn, N. Y. Oil feeding device for oil burners. 2,566,692, Sept. 4.
Chandler, Gordon E., Winchester, assignor to Raytheon Manufacturing Company, Newton, Mass. Circuit for measuring voltage by oscilloscope. 2,573,541, Oct. 30.
Chandler, James D., Swampscott, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Platform shoe and making the same. 2,546,152, Mar. 27.
Chandler, James D., Swampscott, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Bottoming shoes. 2,549,960, Apr. 24.
Chandler, James D., Swampscott, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Making shoes having predetermined uppers. 2,563,100, Aug. 7.
Chandler, Marvin J., El Monte, Calif., assignor to Woolston-Chandler Company. Tenoning and grooving attachment for shapers. 2,554,730, May 29.
Chandler & Price Company, The, assignee: *See*—
Root, Charles F.
Rowell, George S.
Rowell, George S., and McGeorge.
Chandler Products Corporation, assignee: *See*—
Appel, Bernard P., and Klukan.
Chandler, William, assignor of one-half to W. C. Hull, Pittsburg, Tex. Tube cleaning brush. 2,559,757, July 10.
Chaney, Preston E., Beaumont, Tex., assignor to Sun Oil Company, Philadelphia, Pa. Separating shale cuttings from drilling mud containing plastering agents. 2,576,283, Nov. 27.
Chaney, Preston E., and W. E. Barnes, Beaumont, Tex., assignors to Sun Oil Company, Philadelphia, Pa. Well tubing calipering and recording device. 2,567,548, Sept. 11.
Chaney, David W., Nether Providence Township, Delaware County, Pa., assignor to American Viscose Corporation, Wilmington, Del. Polymerization process. 2,537,030, Jan. 9.
Chaney, David W., Nether Providence Township, Delaware County, Pa., assignor to American Viscose Corporation, Wilmington, Del. Acrylonitrile copolymers and producing them. 2,537,031, Jan. 9.
Chaney, David W., Nether Providence Township, Delaware County, Pa., assignor to American Viscose Corporation, Wilmington, Del. Fluorinated propionyl halides and making them. 2,549,892, Apr. 24.
Chaney, John L., Lake Geneva, Wis. Thermometer assembly. 2,552,257, May 8.

Chaney, Preston E., and W. E. Barnes, Beaumont, Tex., assignors to Sun Oil Company, Philadelphia, Pa. Cylindrical recording chart construction. 2,539,009, Jan. 23.

Chaney, Richard, assignor to The Sheffield Corporation, Dayton, Ohio. Die and punch retainer device. 2,574,910, Nov. 13.

Chang, Sheldon S. L., Springfield, and G. H. Hagerman, Donnelsville, assignors to Robbins & Myers, Inc., Springfield, Ohio. Machine for forming a disk-like workpiece with spiral threads. 2,566,116, Aug. 28.

Channell, Mariel L., Fresno, Calif. Drip tray. 2,579,065, Dec. 18.

Chanslor, Eileen B., and H., Los Angeles, Calif. Utility frame. 2,569,555, Oct. 2.

Chanslor, Hal: *See*—
Chanslor, Eileen B. and H.

Chapal Donner Corporation, The, assignee: *See*—
Harvey, Adelbert W., and Deardorff.

Chapin, Bryan W., Bloomingdale, N. Y., assignor to Production Instrument Company, Chicago, Ill. Impulse control device. 2,542,626, Feb. 20.

Chapin, Earl C., and G. E. Ham, Dayton, Ohio, assignors to Monsanto Chemical Company, St. Louis, Mo. Preparing polymers of acrylonitrile. 2,559,155, July 3.

Chapin, Harold A., San Jose, Calif. T-square securing means. 2,566,168, Aug. 28.

Chapin, Harold A., San Jose, Calif. T-square securing means. 2,574,463, Nov. 13.

Chapin, Harold E., San Fernando, and R. S. Chapin, Oxnard, Calif. Bobby pin. 2,556,749, June 12.

Chapin, Jack R.: *See*—
Orey, Millard, and Chapin.

Chapin, Robert S.: *See*—
Chapin, Harold E. and R. S.

Chapin, William S., Jr., Muskegon Heights, assignor to Manning, Maxwell & Moore, Inc., Muskegon, Mich. Mobile support for flexible power supplying elements. 2,571,832, Oct. 16.

Chapin, William T., Schenectady, N. Y., assignor to General Electric Company. Electronic voltage regulator. 2,554,977, May 29.

Chaplik, Rubin, Chicago, Ill. Sanitary faucet. 2,554,775, May 29.

Chaplik, Rubin, Chicago, Ill. Sheet clamping means for polishing machines. 2,555,317, June 5.

Chaplin Corporation, assignee: *See*—
Chaplin, Merle P.

Chaplin, Merle P., assignor to Chaplin Corporation, South Portland, Maine. Pulp molding machine. 2,559,945, July 10.

Chaplin, Merle P., assignor to Chaplin Corporation, South Portland, Maine. Molded fibre article. 2,560,847, July 17.

Chapman, Arthur G., East Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Secret communication system. 2,556,677 June 12.

Chapman, Aurelius F., Kenmore, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Polythene layer bonded to another layer by ethylene-vinyl acetate interpolymer adhesive. 2,543,229, Feb. 27.

Chapman, Bert J., Marysville, Calif. Bumper jack attachment unit. 2,548,944, Apr. 17.

Chapman, Clarence E.: *See*—
Wixon, Paul E., and Chapman.

Chapman, Colquitt H.: *See*—
Rodger, Louis S., and Chapman.

Chapman, Dave, Chicago, Ill. Wood products and making. 2,574,375, Nov. 6.

Chapman, Edward C., Lookout Mountain, Tenn., assignor to Combustion Engineering-Superheater, Inc. Apparatus for welding. 2,542,393, Feb. 20.

Chapman, Edward S., Dagenham Dock, England, assignor to The Electric Storage Battery Co. Electric storage battery. 2,552,405, May 8.

Chapman, Edward W., Grand Rapids, Mich., assignor to Bowser, Inc., Fort Wayne, Ind. Rotary hand pump. 2,541,405, Feb. 13.

Chapman Forest Utilization, Inc., assignee: *See*—
Chapman, Ralph.

Chapman, Frank D., Berlin, Wis. Liquid filler. 2,554,939, May 29.

Chapman, George E., Saddle River Township, Bergen County, assignor to Smith-Chapman, Inc., Irvington, N. J. Device for positioning and immobilizing infants to be X-rayed. 2,571,011, Oct. 9.

Chapman, George W. C., Tampa, Fla. Needle loom. 2,563,579, Aug. 7.

Chapman, Harold D., and W. I. Denton, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated. Dehydration of acetonitrile. 2,560,931, July 17.

Chapman, James E., and J. C. DehHaas, Phoenix, Ariz., assignors to The Garrett Corporation, Los Angeles, Calif. Motor having an electromagnetic brake. 2,536,491, Jan. 2.

Chapman, James K., Syracuse, N. Y., assignor to General Electric Company. Band width indicator. 2,573,402, Oct. 30.

Chapman, Joseph D., Inglewood, and L. J. Stevenson, assignors to Northrop Aircraft, Inc., Hawthorne, Calif. Artificial arm with elbow lock and selective control of forearm flexion or hook operation. 2,572,914, Oct. 30.

Chapman, Leland M., Bowling Green, and R. E. Whitney, Weston, Ohio, assignors to Deere & Company, Moline, Ill. Power-operated adjusting means for harvester reels. 2,572,700, Oct. 23.

Chapman, Ralph, assignor to Chapman Forest Utilization, Inc., Corvallis, Oreg. Forming tower with sliding valve. 2,570,099, Oct. 2.

Chapman, Robert R., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Electronic amplifier for motor controls. 2,547,621, Apr. 3.

Chapman, Robert S., Phoenix, Ariz., assignor to E. R. Perkins, Young County, Tex. Pressure expansion gun. 2,539,991, Jan. 30.

Chapman, Robert S., and B. B. Siebenhaar, Phoenix, Ariz. Expansive fiber separator. 2,539,990, Jan. 30.

Chapman, Romaine C., West Cheshire, and W. W. Borowy, Oakville, assignors to Scovill Manufacturing Company, Waterbury, Conn. Snap fastener display card. 2,560,932, July 17.

Chapman, Thomas G.: *See*—
McQuiston, Frank W., Jr., and Chapman.

Chapman Valve Manufacturing Co., The, assignee: *See*—
Nickerson, Elmer K.

Chapman, William C., assignee: *See*—
Smith, Samuel H.

Chapman, William J., Philadelphia, Pa., assignor to A. B. Landis' Sons, Inc. Swift. 2,554,897, May 29.

Chapp, Stanley, Foley, Minn. Differential gearing. 2,559,944, July 10.

Chappen, Stephen P., Carbondale, assignor to Universal Surface Machines, Inc., Philadelphia, Pa. Apparatus for painting walls. 2,543,436, Feb. 27.

Chappell, Kenneth M., Round Lake, Ill., assignor to Zenith Radio Corporation. Direction-responsive control arrangement for reversible motors. 2,565,649, Aug. 28.

Chappell, Lewis L., Chicago, Ill. Switch contact assembly. 2,568,610, Sept. 18.

Chapple, Kenneth H., Binghamton, and R. E. Kittredge, Port Dickinson, assignors to Link Aviation, Inc., Binghamton, N. Y. Maximum available manifold pressure and brake horsepower computer. 2,553,526, May 15.

Chappuis, John A., Neuchatel, Switzerland. Manicuring device. 2,537,738, Jan. 9.

Chapuis, Henri: *See*—
Colombu, Eugène, and Chapuis.

Charbonneau, Allan P., and F. J. Russell, Wauwatosa, assignors to Cutler-Hammer, Inc., Milwaukee, Wis. Electromagnetic contactor with plunger armature. 2,575,095, Nov. 13.

Charbonneau, Robert J., Detroit, Mich. Venetian blind. 2,552,841, May 15.

Charchian, Benjamin M., and A. R. Vallarino, assignors to International Standard Electric Corp., New York, N. Y. Oscillator circuit responsive to hall effect. 2,549,775, Apr. 24.

Chard, Lew, Portland, Oreg. Automatic poultry feeder. 2,538,413, Jan. 16.

Charest, Theodore W., East Hartford, assignor to The Adjusto Sales Corporation, Hartford, Conn. Safety valve. 2,568,219, Sept. 18.

Char-Gale Manufacturing Company, assignee: *See*—
Dovolis, Nick J.

Charipar, Louis J., Chicago, Ill. Tool. 2,578,126, Dec. 11.

Charis Corporation, assignee: *See*—
Leonard, Joseph, and Ihsen.

Charlebois, Aurele, Windsor, Ontario, Canada. Pile cutting reciprocating-saw machine. 2,566,297, Sept. 4.

Charles, Artis E., Guntersville, Ala., assignor to Carolyn Chenilles, Inc., New York, N. Y. Stitch picker. 2,541,035, Feb. 13.

Charles, Clayton E., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Timer. 2,551,927, May 8.

Charles, Daniel, Paris, France, assignor to Compagnie Generale de Telegraphie Sans Fil. Frequency multiplier. 2,546,255, Mar. 27.

Charles, Daniel, Paris, France, assignor to Compagnie Generale de T. S. F. Manufacture of electroluminescent screens. 2,559,279, July 3.

Charles, Louis J., and J. E. Justus, Beloit, Wis., assignors to Fairbanks, Morse & Co., Chicago, Ill. Locomotive control throttle handle. 2,540,427, Feb. 6.

Charles, Randolph E., assignor to General Communication Company, Boston, Mass. Radio-frequency switch. 2,556,869, June 12.

Charlton, Henry E., Ashton-on-Mersey, assignor to Petrocarbon Limited, London, England. Furnace for converting hydrocarbons. 2,574,088, Nov. 6.

Charlton, James, Parkwood, Johannesburg, Transvaal, Union of South Africa. Purification of effluent from distilleries. 2,572,447, Oct. 23.

Charlton, Ralph W.: *See*—
Palmer, Leon B., and Charlton.

Charman, Walter M., Shaker Heights, Ohio. Bottom ring for hot tops and mounting means therefor. 2,574,815, Nov. 13 .

Charn, Victor E., Sawyer, Mich. Swing. 2,545,571, Mar. 20.

Charpentier, Paul, Choisy-le-Roi, assignor to Societe des Usines Chimiques Rhone Poulenc, Paris, France. Preparation of sulfanilylthiourea. 2,545,764, Mar. 20.

Charpentier, Paul, Choisy-le-Roi, assignor to Societe des Usines Chimiques Rhone-Poulenc, Paris, France. Production of substituted barbituric acids and intermediates therefor. 2,570,024, Oct. 2.
Charron, Charles S., and L. Crawford-Brown, Toronto, Ontario, Canada. Method and apparatus for cutting flat shaped pieces from plastic materials. 2,561,050, July 17.
Chartier, Louis, Schenectady, N. Y. Window. 2,563,003, Aug. 7.
Chartoff, Louis, New Haven, Conn. Dustless Venetian window blind. 2,552,406, May 8.
Charvat, Vernon K.: *See*—
Peterson, Ruben O., and Charvat.
Chasan, George: *See*—
Chasan, Isaac, G., and S.
Chasan, Isaac, G., and S., Brooklyn, N. Y. Attachment for airbrushes. 2,550,404, Apr. 24.
Chasan, Simon: *See*—
Chasan, Isaac, G., and S.
Chase, Adine P., and G. P. Rosenfeld, assignors to Beverly Vogue Company, Los Angeles, Calif. Girdle or pantie girdle. 2,563,308, Aug. 7.
Chase, Arthur E.: *See*—
Bourne, Roland B., and Chase.
Chase, Arthur J., Los Angeles, Calif. Pipe organ. 2,566,599, Sept. 4.
Chase, Benjamin R., Arlington, assignor to Fanilator, Inc., Cambridge, Mass. Method and apparatus for crankcase ventilation. 2,558,478, June 26.
Chase Brass & Copper Co., Incorporated, assignee: *See*—
Mellette, Cyril W.
Chase, Charles B., Rumford, R. I., assignor to Fram Corporation. Filter element. 2,556,521, June 12.
Chase, Charles B., Seekonk, Mass., assignor to Fram Corporation. Filter cartridge. 2,564,637, Aug. 14.
Chase, Dean A.: *See*—
Bayless, Frederick B., and Chase.
Chase, Dwight A., U. S. Coast Guard. Swivel. 2,544,655, Mar. 13.
Chase, Herbert S., Flushing, N. Y. Bookrest. 2,558,931, July 3.
Chase, Norris, Inglewood, Calif. Solution-mixing sprayer. 2,562,415, July 31.
Chase-Shawmut Company, The, assignee: *See*—
Swain, Kenneth W.
Swain, Kenneth W., and Taylor.
Taylor, Elmer H.
Chason, Daniel H., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Treadle bearing. 2,557,259, June 19.
Chason, Daniel H., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Cabinet with sewing machine raising and lowering mechanisms. 2,575,045, Nov. 13.
Chassaing, Pierre, Rue Saint Jean, Melle, and P. Biarnais, Le Coudray, Par Melle, assignors to Les Usines de Melle (Societe Anonyme), Saint-Leger-les-Melle, France. Manufacturing anhydrides. 2,575,159, Nov. 13.
Chateau Gay Ltd., assignee: *See*—
Carveth, Hector R., Jr.
Chatelain, Willy, Lancaster, Pa. Multicolor refillable pencil. 2,575,096, Nov. 13.
Chatelet, Henri J. G., Puteaux, and H. Michellet, Paris, France. Electromagnetic change-speed mechanism for automotive vehicles. 2,578,399, Dec. 11.
Chatfield, Franklin: *See*—
Olrich, Ernest L., and Chatfield.
Chatham Electronics Corporation, assignee: *See*—
Bosch, Carl.
Gerber, Max.
Chatillon, John, & Sons, assignee: *See*—
Concklin, George W.
Chatterjea, Prafulla K., London, England, assignor to International Standard Electric Corporation, New York, N. Y. Arrangement for selecting electric pulses of given width. 2,579,473, Dec. 25.
Chatterjea, Prafulla K., C. T. Scully, D. M. Ambrose, and J. K. Beney, Aldwych, London, England, assignors, by mesne assignments, to International Standard Electric Corporation, New York, N. Y. Pulse modulation communication system. 2,542,991, Feb. 27.
Chatterjea, Prafulla K., and L. W. Houghton, London, England, assignors, by mesne assignments, to International Standard Electric Corporation, New York, N. Y. Television synchronizing system. 2,546,972, Apr. 3.
Chatterjea, Prafulla K., and L. W. Houghton, London, England, assignors, by mesne assignments, to International Standard Electric Corporation, New York, N. Y. Arrangement for determining distance by means of electromagnetic waves. 2,546,973, Apr. 3.
Chatterjea, Prafulla K., and D. M. Ambrose, London, England, assignors, by mesne assignments, to International Standard Electric Corporation, New York, N. Y. Pulse multiplex signaling system. 2,546,974, Apr. 3.
Chatterjea, Prafulla K., and L. W. Houghton, London, England, assignors, by mesne assignments, to International Standard Electric Corporation, New York, N. Y. Synchronizing arrangement for multiplex electrical pulse communication system. 2,570,207, Oct. 9.
Chatterjea, Prafulla K., and L. W. Houghton, London, England, assignors, by mesne assignments, to International Standard Electric Corporation, New York, N. Y. Pulse echo object locator. 2,572,010, Oct. 23.
Chatterton, Percy B., Kenilworth, assignor to Dunlop Rubber Company Limited, London County, England. Detachable wheel for road vehicles. 2,552,936, May 15.
Chatterton, Robert T., Chappaqua, assignor to American Can Company, New York, N. Y. Supply system for liquid substances. 2,545,445, Mar. 20.
Chatterton, Robert T., Wappingers Falls, assignor to American Can Company, New York, N. Y. Sheet separating and feeding mechanism. 2,541,985, Feb. 20.
Chatwin, Theron: *See*—
Sweat, Lestor, Chatwin, and Sweat.
Chauncey, Arthur R., Owego, N. Y. Baled hay fork. 2,575,794, Nov. 20.
Chaussé, Sylvain, Paris, France. Medical radiographic apparatus. 2,558,539, June 26.
Chausse, Wilfred G., Detroit, Mich. Portable steam generator. 2,572,317, Oct. 23.
Chausson, Gaston, assignor to Societe Anonyme des Usines Chausson, Asnieres, France. Airfoil structure and making same. 2,558,819, July 3.
Chausson, Gaston, assignor to Societe Anonyme des Usines Chausson, Asnieres, France. Heat exchanger. 2,576,213, Nov. 27.
Chausson, Gaston, assignor to Societe Anonyme des Usines Chausson, Asnieres, France. Vehicle. 2,578,671, Dec. 18.
Chauvin, André A., Paris, France, vested in the Attorney General of the United States. Drawer for filing cabinets. 2,564,673, Aug. 21.
Chauvin, André A., Paris, France. File binder. 2,576,571, Nov. 27.
Chavannes Industrial Synthetics, Inc., assignee: *See*—
Chavannes, Marc A., and Traut.
Chavannes, Marc A., Lisbon, and G. T. Traut, Danielson, Conn., assignors to Chavannes Industrial Synthetics, Inc., New York, N. Y. Producing ornamental plastic films. 2,575,046, Nov. 13.
Chavez, Patricio G., Douglas, Ariz. Whirl mixer. 2,551,583, May 8.
Chaze, Paul, Le Kremlin-Bicetre, France. Feeding device for cigarette-making machines. 2,551,095, May 1.
Cheatum, Leo: *See*—
Hill, George B., and Cheatum.
Chebuhar, Charles J.: *See*—
Ardron, Gerald L., Dodge, and Chebuhar.
Chechak, Jonas J., assignor to Eastman Kodak Company, Rochester, N. Y. Mixed grain photographic emulsions. 2,544,640, Mar. 13.
Chediak, Alejandro, Habana, Cuba. Apparatus for laboratory investigations. 2,561,339, July 24.
Chedister, Conkling: *See*—
Suter, Marcel, and Chedister.
Chedister, Conkling, Livingston, N. J. Forming inflatable bodies from thermoplastic sheeting. 2,564,656, Aug. 21.
Cheek, Edward E., Pittsburgh, Pa., assignor to United States Steel Company. Bus bar reversing switch. 2,555,025, May 29.
Cheek, Millard F., assignor to V. W. Cheek, Liberty, Mo. Ladder leg extension. 2,567,989, Sept. 18.
Cheek, Robert C.: *See*—
Lensner, Herbert W., Goldsborough, and Cheek.
Cheek, V. W., assignee: *See*—
Cheek, Millard F.
Cheevers, Grace B., assignee: *See*—
Benedict, Lloyd D.
Chefford Master Manufacturing Co. Inc., assignee: *See*—
Andrews, John L.
Chelle, Paul L., Alfortville, France. Filling machine for gaseous liquids. 2,548,589, Apr. 10.
Chelminski, Roman, Wilton, Conn., O. R. Kuster, Larchmont, and D. K. Hines, Oceanside, N. Y., assignors to General American Transportation Corporation, Chicago, Ill. Sedimentation device. 2,553,958, May 22.
Chemical Construction Corporation: *See*—
McGauley, Patrick J., and Roberts.
McGauley, Patrick J., Roberts, and Strelozoff.
Strelzoff, Samuel.
Chemical Development Co., assignee: *See*—
Franz, Arvel O.
Chemical Elaborations, Inc., assignee: *See*—
Cole, Robert M.
Chemical Foundation, Inc., The, assignee: *See*—
Dittmer, Karl, Goodman, and Visser.
Chemical Foundation, Incorporated, The, assignee: *See*—
Hixson, Arthur W., and Miller.
Miller, Ralph.
Chemical Manufacturing Company, assignee: *See*—
Montgomerie, John A.
Chemical Process Company, assignee: *See*—
Mills, Gordon F., and Porter.
Chemicke zavody na Slovensku, narodny podnik, assignee: *See*—
Wichterle, Otto.
Chemische Fabriek L. Van Der Grinten, assignee: *See*—
Heldens, Peter H.
Van der Grinten, Karel J. J.
Van der Grinten, Lodewijk P. F.
Chemlinski, Raymond, Schenectady, N. Y. Dispensing container for matches. 2,542,180, Feb. 20.

Chemo-Textiles, Inc., assignee: *See*—
Jones, Webster, and Heslin.
Chempatents, Inc., assignee: *See*—
Landau, Ralph.
Chenault, Richard H., Lexington, Ky. Mechanical car washer. 2,544,066, Mar. 6.
Chenault, Roy L., Seneca, Pa., assignor of twenty-five per cent to C. A. Wygal and twenty-five per cent to D. C. Wygal, Washington, D. C. Electromechanical toy. 2,570,766, Oct. 9.
Chenava, Leonard, McAdoo, Pa. Support for horn mutes. 2,575,795, Nov. 20.
Chenette, Joseph C., Flat Rock, Mich. Hand truck. 2,564,248, Aug. 14.
Cheney Bigelow Wire Works, assignee: *See*—
Nilson, Clifton N.
Cheney, Charles W., Hockley, England. Fastening for attaché and suitcases and the like. 2,537,301, Jan. 9.
Cheney, Harry A., Berkeley, assignor to Shell Development Company, San Francisco, Calif. High molecular weight halogen-containing organic materials stabilized with iron salts. 2,563,772, Aug. 7.
Cheney, Harry A., Berkeley, assignor to Shell Development Company, San Francisco, Calif. Halogenated unsaturated hydrocarbon production. 2,569,923, Oct. 2.
Cheney, Lee C., Fayetteville, assignor to Bristol Laboratories, Inc., Syracuse, N. Y. Beta halo substituted phenethyl amines. 2,548,652, Apr. 10.
Cheney, Lee C., Fayetteville, assignor to Bristol Laboratories Inc., Syracuse, N. Y. Melamine salt of penicillin. 2,577,698, Dec. 4.
Cheney, Oliver F., assignor to Philco Corporation, Philadelphia, Pa. Circuit for preventing shock in transformerless radio-phonographs. 2,558,820, July 3.
Cheney, Oliver F., assignor to Philco Corporation, Philadelphia, Pa. Phonograph circuit having shock prevention means. 2,558,821, July 3.
Cheney, Ralph G., assignor of one-half to J. M. Detwyler, Seattle, Wash. Golf tee carrier. 2,560,014, July 10.
Cheney, Raymond E., Endicott, assignor to International Business Machines Corporation, New York, N. Y. Mechanical record sensing device. 2,577,070, Dec. 4.
Chenicek, Joseph A.: *See*—
Schmerling, Louis, and Chenicek.
Thompson, Ralph B., and Chenicek.
Chenicek, Joseph A., Bensenville, assignor to Universal Oil Products Company, Chicago, Ill. N-(hydroxy aryl) pyrrolines and pyrrolidines. 2,544,823, Mar. 13.
Chenicek, Joseph A., Riverside, assignor to Universal Oil Products Company, Chicago, Ill. Stabilization of N,N′ di-secondary-butyl p-phenylene diamine. 2,549,056, Apr. 17.
Chenicek, Joseph A., Riverside, assignor to Universal Oil Products Company, Chicago, Ill. Stabilization of organic materials. 2,553,441, May 15.
Chenicek, Joseph A., Riverside, and W. K. T. Gleim, assignors to Universal Oil Products Company, Chicago, Ill. Stabilization of edible fats and oils. 2,557,921, June 26.
Cherain, Oscar J. H., Jemeppe-sur-Meuse, Belgium. Muffler for pneumatic pick hammers and like tools. 2,561,726, July 24.
Cherem, Gabriel A., Detroit, Mich. Heating and air conditioning system. 2,541,337, Feb. 13.
Cherigié, Pierre: *See*—
Rebut, Jacques A. L., and Cherigié.
Chernack, Abel E., deceased, Bloomfield, Conn.; M. Chernack, executrix of said A. E. Chernack, assignor, by mesne assignments, to Wiremold Company, Hartford, Conn. Method and machine for forming tubing. 2,539,814, Jan. 30.
Chernack, Abel E., deceased, Bloomfield; M. Chernack, executrix, assignor, by mesne assignments, to Wiremold Company, Hartford, Conn. Cutoff device for tubing. 2,547,375, Apr. 3.
Chernack, Mary, executrix: *See*—
Chernack, Abel E.
Cherne, Lloyd G., Minneapolis, Minn. Mechanical compass pencil. 2,573,700, Nov. 6.
Cherniavsky, Alexander J.: *See*—
Johnson, Ava J., and Cherniavsky.
Cheronis, Nicholas D., Chicago, Ill. Preparation of organic silicon compounds. 2,564,674, Aug. 21.
Cheronis, Nicholas D., Chicago, Ill. Stable solution. 2,568,384, Sept. 18.
Cheronis, Nicholas D., assignor of one-third to E. L. Gustus, Chicago, Ill. Reaction of gaseous ammonia with hydrocarbon silicon halides. 2,579,416, Dec. 18.
Cheronis, Nicholas D., assignor of one-third to E. L. Gustus, Chicago, Ill. Ammonolysis of organo silicon halides. 2,579,417, Dec. 18.
Cheronis, Nicholas D., assignor of one-third to E. L. Gustus, Chicago, Ill. Polymeric resinous products containing repeating units of silicon linked to nitrogen and making same. 2,579,418, Dec. 18.
Cherry-Burrell Corporation, assignee: *See*—
Campbell, Willard S.
Lippold, Adolph J.
Lundal, Ingie J., and Robichaux.
Wildermuth, James A.
Cherry, Charles A., Berkley, assignor to Beaver Tool & Engineering Corp., Royal Oak, Mich. Compact universal vise for machine tools. 2,573,542, Oct. 30.
Cherry, Harold A.: *See*—
Power, Richard F., and Cherry.
Cherry, Henry H., Houston, Tex. Valve assembly with spherical shaped valve element having a passage therethrough for collapsible tubes. 2,558,671, June 26.
Cherry Rivet Company, assignee: *See*—
Keating, Herbert J.
Cherry, Walter L., Jr., Northbrook, Ill., assignor to Zenith Radio Corporation. Producing piezoelectric transducers. 2,538,554, Jan. 16.
Cherry, Walter L., Jr., Northbrook, Ill., assignor to Zenith Radio Corporation. Piezoelectric transducer and producing same. 2,540,187, Feb. 6.
Cherry, William H., Princeton, N. J., assignor to Radio Corporation of America. Color television system. 2,566,693, Sept. 4.
Cherubini, Francesco, Dawson, N. Mex. Support for fishing rods. 2,551,996, May 8.
Cherymisin, Gerald L., Alta Loma, Calif. Slide rule pencil. 2,570,642, Oct. 9.
Cheshire Mailing Machines, Inc., assignee: *See*—
Doane, James E.
Chesler, Isidor, Oceanport, N. J., assignor to Eagle Pencil Company. Writing instrument. 2,573,691, Nov. 6.
Chesley, George B., Stratford, Conn. Reclining chair. 2,558,171, June 26.
Chesnut, John D.: *See*—
Dale, Orie, O., and Chesnut.
Chess, Gerald E., Fresno, Calif. Microphone. 2,564,562, Aug. 14.
Chester, Allan E., Highland Park, assignor to Poor & Company, Chicago, Ill. Electroplating metals. 2,548,867, Apr. 17.
Chester, Allan E., Highland Park, Ill. Metal faced building block. 2,561,095, July 17.
Chester, Allan E., Highland Park, assignor to Poor & Company, Chicago, Ill. Acid zinc electroplating and electrolyte therefor. 2,576,997, Dec. 4.
Chester, Allan E., Highland Park, and K. J. Ackermann, assignors to Poor & Company, Chicago, Ill. Acid zinc electroplating compositions and methods. 2,537,032, Jan. 9.
Chester, Allan E., Highland Park, and D. F. Seymour, Gurnee, assignors to Poor & Company, Chicago, Ill. Production of lustrous zinc. 2,548,419, Apr. 10.
Chester, Allan E., Highland Park, Ill., and B. Leonelli, Highland Park, Mich., assignors to Poor & Company, Chicago, Ill. Producing lustrous zinc. 2,548,420, Apr. 10.
Chester, Allan E., Highland Park, and I. H. Schram, Jr., Waukegan, assignors to Poor & Company, Chicago, Ill. Vitreous enamel base stock, vitreous enameled articles and method. 2,569,453, Oct. 2.
Chester, Allan E., Highland Park, R. F. Main, and H. F. Hansen, said Main and said Hansen, assignors to Acme Steel Company, and said Chester assignor to Poor & Company, Chicago, Ill. Electroplating zinc. 2,576,999, Dec. 4.
Chester, Frank R., Santa Monica, Calif. Transmission. 2,536,992, Jan. 2.
Chester, Frank R., Santa Monica, Calif. Adjustable measuring device. 2,555,956, June 5.
Chester, Frank R., Santa Monica, Calif. Knife sharpener. 2,565,353, Aug. 21.
Chester, Frank R., Santa Monica, Calif. Drive mechanism for egg beaters. 2,568,318, Sept. 18.
Chester, Frank R., Santa Monica, Calif. Measuring device for tea, coffee, and the like. 2,570,521, Oct. 9.
Chester, Frank R., Santa Monica, Calif. Coffee filter. 2,573,246, Oct. 30.
Chester, Harry, Chicago, Ill. Shoe holder and stretcher. 2,575,408, Nov. 20.
Chester-Jensen Company, assignee: *See*—
Cornell, Fritz G., Jr.
Chester, William G., Yonkers, N. Y. Model activator. 2,561,340, July 24.
Chesterman-Leeland Co., assignee: *See*—
Goodchild, Frederick V.
Chettle, Ronald V.: *See*—
O'Brien, Patrick J., and Chettle.
Chevallier, George E., assignor to Martin & Schwartz, Inc., Salisbury, Md. Interlocking mechanism for gasoline dispensing pumps. 2,571,200, Oct. 16.
Chevalier, Pierre J.: *See*—
Peyrot, Pierre P., and Chevalier.
Chevallier, André, assignor to Electricite de France, Paris, France. Apparatus for transmitting terms to a distance. 2,542,627, Feb. 20.
Chicago Aerial Survey Co., assignee: *See*—
Miles, John R.
Monk, George S.
Chicago Bridge & Iron Company, assignee: *See*—
Allen, John W.
Arne, Christian.
Boardman, Harry C.
Goldsby, Fred L., and Orr.
Michaels, Ernest E.
Moyer, Frederick D.
Moyer, Frederick D., and Allen.
Moyer, Frederick D., and Fraser.
Mummert, John F.
Orr, Clifford M.
Orr, Clifford M., and Goldsby.

Chicago Bridge & Iron Company, assignee: *See*—Con.
Pilkey, Orrin H.
Zick, Leonard P.
Wilber, Henry O.
Chicago Cardboard Company, assignee: *See*—
Burr, Ned.
Ziemmerman, Henry.
Chicago Coin Machine Co., assignee: *See*—
Koci, Jerry C.
Chicago Development Company, assignee: *See*—
Ambrose, Paul M.
Chicago Eye Shield Company, assignee: *See*—
Liautaud, John N.
Malcom, Robert, Jr.
Chicago Faucet Company, assignee: *See*—
Brown, Frank L.
Chicago Forging and Manufacturing Company, assignee: *See*—
Hynes, Dibrell P., and Moss.
Krause, Walter H.
Chicago Medical School, The, assignee: *See*—
Roberts, Richard G.
Chicago Metal Hose Corporation, assignee: *See*—
Farrar, John F. P.
Fentress, David W.
Johnson, Axel F.
Parlasca, Edwin W.
Chicago Metal Mfg. Co., assignee: *See*—
Hauf, George F.
Chicago Metallic Manufacturing Company, assignee: *See*—
Langel, Adrien L.
Langel, Adrien L., and Debs.
Chicago Mill and Lumber Company, assignee: *See*—
Byers, Ralph J., and Christian.
Chicago Pneumatic Tool Company, assignee: *See*—
Berger, Ernst.
Brown, Robinson W.
Fischer, Howard R., and Roberts.
Harcourt, George T.
Maurer, Spencer B.
O'Farrell, Matthew.
Stevens, Edward W.
Chicago Pump Company, assignee: *See*—
Nechine, Leonard M.
Chicago Railway Equipment Company, assignee: *See*—
Ekholm, Herbert W.
Lewis, Frank W.
Chicago Rawhide Manufacturing Company, assignee: *See*—
Agger, Jens.
Krug, Louis G.
Chicago Roller Skate Company, assignee: *See*—
Ware, Walter.
Chicago Rotoprint Company, assignee: *See*—
Meadowcroft, Arthur.
Chicago Specialty Mfg. Co. Inc., assignee: *See*—
Bachli, Herman, and Shapiro.
Chicago Steel Foundry Company, assignee: *See*—
Garrison, Charles K.
Chichester, George D., assignor to Pentone, Inc., Pittsburgh, Pa. Electrical earphone device. 2,565,591, Aug. 28.
Chichester, Irving F., assignor to Hickok Manufacturing Co. Inc., Rochester, N. Y. Ornamental necktie clasp. 2,578,507, Dec. 11.
Chichester, Irving F., assignor to Hickok Manufacturing Co. Inc., Rochester, N. Y. Ornamental necktie clasp. 2,578,508, Dec. 11.
Chichester, Irving F., assignor to Hickok Manufacturing Co. Inc., Rochester, N. Y. Ornamental necktie clasp. 2,578,509, Dec. 11.
Chicketti, Antonio, Seattle, Wash. Sewing machine presser-foot automatic control attachment. 2,562,771, July 31.
Chicksan Company, assignee: *See*—
Bily, Peter J.
Chicopee Manufacturing Corporation, assignee: *See*—
Cotchett, Louis M.
Chiddix, Max E.: *See*—
Cross, James M., and Chiddix.
Childsey, Francis A., Jr., Ithan, Del., assignor to Container Corporation of America, Chicago, Ill. Can holder. 2,571,833, Oct. 16.
Chief Alinement Corp., assignee: *See*—
Gingrich, Sherman W., and Gross.
Chieftain Industries, Inc., assignee: *See*—
Harrigan, William.
Chiksan Company, assignee: *See*—
Warren, Doyle C.
Child, Chester H., Methuen, Mass. Making moisture-resistant paper. 2,539,183, Jan. 23.
Child, Everett S., Barrington, R. I., assignor to United States Rubber Company, New York, N. Y. Electrical connector having a resiliently biased automatic latch. 2,572,448, Oct. 23.
Child, James L., Jr., assignor to The Hancock Brick and Tile Company, Findlay, Ohio. Sewer pipe cutting mechanism. 2,544,254, Mar. 6.
Childers, John G., Spokane, Wash. Door control mechanism. 2,570,643, Oct. 9.
Childs, John C., New Rochelle, N. Y. Combined stereoscopic camera and viewer. 2,573,543, Oct. 30.
Childs, John C., U. S. Navy. Balancing device for aircraft rotors. 2,576,105, Nov. 27.
Childs, Percy A.: *See*—
Towner, Stanley H., and Childs.
Childs, Wayne B., Schenectady, and F. A. Schnell, Endwell, N. Y., and R. J. Newman, Newark, N. J., assignors to General Electric Company. Antenna scanner. 2,574,376, Nov. 6.
Childs, Wyatt B., Macon, Ga. Dentist's chair. 2,568,988, Sept. 25.
Children's Hospital, The, assignee: *See*—
Cobb, Cully A., Jr., and Ingraham.
Childress, William C., Oak Park, and J. M. Royal, assignors to Acme Steel Company, Chicago, Ill. Strap stretching mechanism. 2,536,536, Jan. 2.
Chillson, Charles W., Caldwell, N. J., assignor to Curtiss-Wright Corporation. Mechanical pitch change mechanism. 2,538,352, Jan. 16.
Chillson, Charles W., Caldwell, N. J., assignor to Curtiss-Wright Corporation. Propeller pitch changing mechanism. 2,541,636, Feb. 13.
Chillson, Charles W., Caldwell, N. J., assignor to Curtiss-Wright Corporation. Hydraulic coupling. 2,548,195, Apr. 10.
Chillson, Charles W., Caldwell, N. J., assignor to Curtiss-Wright Corporation. Propeller pitch change mechanism. 2,577,603, Dec. 4.
Chillson, Charles W., Caldwell, N. J., assignor to Curtiss-Wright Corporation. Propeller pitch changing mechanism. 2,577,604, Dec. 4.
Chillson, Charles W., Upper Montclair, N. J., assignor to Curtiss-Wright Corporation. Alternator control. 2,566,694, Sept. 4.
Chillson, Charles W., Caldwell, and J. M. Mergen, Verona, N. J., assignors to Curtiss-Wright Corporation. Rotary seal. 2,570,427, Oct. 9.
Chilman, William A.: *See*—
Sweet, Harold C., and Chilman.
Chilton, Allan, Ridgewood, N. J., assignor to Wright Aeronautical Corporation. Fan blade mounting. 2,537,739, Jan. 9.
Chilton, John H., Williamsport, Md. Slur cam assembly. 2,555,026, May 29.
Chin, Pao H.: *See*—
Knauth, Berthold A., and Chin.
Chinchole, Henri H., Chatou, France. Grease dispenser with means for jarring the grease from the container to the pump chamber. 2,555,532, June 5.
Ching, Joseph S., Sr., Honolulu, Territory of Hawaii. Accelerator and brake control. 2,553,080, May 15.
Chinn, Arthur J.: *See*—
Flight, Theodore N., Wilson, and Chinn.
Chinn, George I., Detroit, Mich. Control means. 2,550,671, May 1.
Chinn, Howard A., New York, N. Y., and J. N. Dyer, Cambridge, Mass., assignors to the United States of America as represented by the Secretary of War. Noise generator. 2,558,337, June 26.
Chinnici, Michael, Brooklyn, assignor to Peerless Sewing Machine Company, Inc., New York, N. Y. Sewing machine. 2,549,057, Apr. 17.
Chipkevich, Edward A., Hazleton, Pa. Tissue package. 2,573,309, Oct. 30.
Chiplets Incorporated, assignee: *See*—
Redmond, Benjamin.
Chipley, Alfred S., Mundelein, assignor to Burgess-Manning Company, Libertyville, Ill. Blower with combined air cleaner. 2,548,945, Apr. 17.
Chipley, Marion R., Charlotte, N. C. Grounding device for telephone lines. 2,579,139, Dec. 18.
Chipman, John F.: *See*—
Paterson, Ira W., and Chipman.
Chipman, John F., South Weymouth, Mass., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Latch tripping mechanism comprising abutting pivoted members. 2,577,230, Dec. 4.
Chireix, Henri, Paris, France, assignor to Societe Francaise Radio Electrique. Ultra-short wave repeater. 2,544,255, Mar. 6.
Chireix, Henri, Paris, France, assignor to Societe Francaise Radio-Electrique. Frequency-modulated wave generator. 2,550,772, May 1.
Chireix, Henri, Paris, France, assignor to Societe Francaise Radio-Electrique. Broad band frequency discriminator. 2,558,604, June 26.
Chirelstein, Nathan, Maplewood, assignor to Allied Electric Products, Inc., Irvington, N. J. Apparatus for assembling attachment plugs. 2,548,773, Apr. 10.
Chirite, John D., Detroit, Mich. Handset support and induction pickup for telephone amplifying system. 2,543,761, Mar. 6.
Chisholm, Allen E., Portland, Oreg. Magnet operated switch. 2,555,571, June 5.
Chisholm, Burton B.: *See*—
Morgan, Jack I., and Chisholm.
Chisholm, Clifton, assignor of one-half to H. C. Osborn, Cleveland, Ohio, and one-fourth to M. F. Chisholm. Keyboard operated printing machine. 2,578,286, Dec. 11.
Chisholm, John E., Medford, Mass. Mooring shackle. 2,574,859, Nov. 13.
Chisholm, Marie F., assignee: *See*—
Chisholm, Clifton.
Chisholm-Ryder Company, Incorporated, assignee: *See*—
Carson, Robert H.

Chissom, Gordon A., and A. W. Gordon, Leesburg, Fla. Apparatus for treating the contents of closed containers. 2,569,656, Oct. 2.

Chiswik, Haim H., East Orange, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Controlled atmosphere for heat-treating metals. 2,565,201, Aug. 21.

Chitra, John, Jr., Chicago, Ill. Storm window. 2,537,302, Jan. 9.

Chittenden, Barrett W., Bedford, assignor to Finlok Block, Inc., East Cleveland, Ohio. Process and apparatus for making concrete blocks. 2,544,488, Mar. 6.

Chittenden, George E.: *See*—
Levetus, Francis B., and Chittenden.

Chittick, Howard A., assignor to Horace V. Wester, McLean, Va. Applicator for weed-killing liquid. 2,551,096, May 1.

Chittum, James P., Waterbury, Conn., assignor to United States Rubber Company, New York, N. Y. Improving cellulose ethers. 2,572,559, Oct. 23.

Chitwood, Eugene: *See*—
Kessler, Nichols A., Chitwood, and Fugle.

Chitwood, Henry C., Charleston, W. Va., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. 5-alkyl-3-pyridols and making them. 2,557,076, June 19.

Chiville, Leslie L., Jr., Carpentersville, Ill. Internal-combustion engine. 2,564,052, Aug. 14.

Chloride Electrical Storage Company Limited, The, assignee: *See*—
Barak, Montefiore.

Chmelar, Václav, assignor to Bata, narodni podnik, Zlin, Czescoslovakia. Device for nailing heels from the interior of shoes. 2,580,216, Dec. 25.

Chňoupek, Jindřich, and R. Chňoupková, Prague, Czechoslovakia. Shoulder pad. 2,541,204, Feb. 13.

Chňoupková, Růžena: *See*—
Chňoupek, Jindřich, and Chňoupková.

Chodacki, Joseph, and A. Zak, Detroit, Mich. Electromagnetic mechanism for agitating cradles. 2,544,298, Mar. 6.

Chodziesner, Georg F., Bondi, assignor to Communication Engineering Pty. Limited, Cammeray, near Sydney, New South Wales, Australia. Selectively collecting and/or distributing articles. 2,570,918, Oct. 9.

Choldun Manufacturing Corporation, assignee: *See*—
Dunn, Henry M., and Oles.

Chomes, Sophia M., Watertown, Mass. Thermometer casing with thermometer illuminating means. 2,554,854, May 29.

Choquette, Henry A. R., Brooklyn, N. Y. Toilet article. 2,545,342, Mar. 13.

Chorneau, Samuel R., assignee: *See*—
Antolch, John.

Chorney, Harry, Stratford, assignor to United Aircraft Corporation, East Hartford, Conn. Laminated ski. 2,550,002, Apr. 24.

Choyce, Robert E.: *See*—
Vaterrodt, Peter, and Choyce.

Chriscaden, Alex W.: *See*—
Schulz, Richard E., and Chriscaden.

Chrisman, Delbert, assignor of fifty per cent to L. A. Wells, Enid, Okla. Gate latch. 2,538,668, Jan. 16.

Christ, Alfred W., Chicago, Ill. Winding crank for cameras. 2,574,689, Nov. 13.

Christain, Jack, Oviedo, Fla. Sizing and packing mechanism. 2,552,620, May 15.

Christenot, Harley R., Cut Bank, Mont. Self-adjusting hydraulic brake cylinder. 2,548,868, Apr. 17.

Christensen, Bette J., assignor to Jantzen Knitting Mills, Inc., Portland, Oreg. Self-adjusting bathing suit. 2,550,327, Apr. 24.

Christensen, Betty, assignee: *See*—
Rosenberg, Leo F.

Christensen, Byron C., assignor to Drilling Equipment Mfg. Co., Oklahoma City, Okla. Device for testing blowout preventers and casing. 2,540,322, Feb. 6.

Christensen, Byron C., Oklahoma City, Okla. Combination traveling block and swivel connector. 2,556,165, June 12.

Christensen, Byron C., Oklahoma City, Okla. Combination traveling block and swivel connection. 2,570,320, Oct. 9.

Christensen, Carl O., Walnut Creek, assignor to Roll-Rite Corporation, Oakland, Calif. Container truck with selective ground engaging auxiliary wheels. 2,563,919, Aug. 14.

Christensen, Carlo M., Freeport, Ill., assignor, by mesne assignments, to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Snap acting device. 2,545,765, Mar. 20.

Christensen, Carlo M., Freeport, Ill., assignor, by mesne assignments, to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Electric switch actuator. 2,573,833, Nov. 6.

Christensen, Edwin S., Long Beach, Calif. Clutch. 2,577,181, Dec. 4.

Christensen, Elman, Montreal, Quebec, Canada. Hydraulic piston. 2,571,538, Oct. 16.

Christensen, John A., Worcester, assignor to Bridge Tables & Novelties, Inc., Lowell, Mass. Folding chair. 2,541,036, Feb. 13.

Christensen, John W., Cedar City, Utah, and R. C. Moyer, Indianapolis, Ind., assignors to United States of America as represented by the Secretary of War. Antenna. 2,562,296, July 31.

Christensen, Joseph O., Las Vegas, Nev. Machine for molding concrete blocks. 2,567,549, Sept. 11.

Christensen, Leo M., H. Miller, and L. Champer, Lincoln, Nebr. Distillation unit. 2,552,517, May 15.

Christensen Machine Company, The, assignee: *See*—
Belluche, Elmer W. and F. R.
Belluche, Frank R.

Christensen, Manford E., and W. J. Hanson, Racine, Wis. Shock-resistant, puncture-sealing tire. 2,550,773, May 1.

Christensen, Marinus, Brorup, Denmark. Protection mask against poisonous gases and dust. 2,560,215, July 10.

Christensen, Niel, Shreveport, La. Valve seat grinder and refacing tool. 2,567,319, Sept. 11.

Christensen, Niel, Shreveport, La. Industrial portable valve facer. 2,567,320, Sept. 11.

Christensen, Niels A., South Euclid, Ohio. Reversing valve. 2,577,999, Dec. 11.

Christensen, Niels C., Bauer, Utah. Liquid rotor spray mechanism. 2,565,718, Aug. 28.

Christensen, Norman V., and C. C. Smith, assignors to Union Special Machine Company, Chicago, Ill. Sewing machine. 2,548,869, Apr. 17.

Christensen, Orland M., Cambridge, Mass., assignor, by mesne asignments, to the United States of America as represented by the Secretary of the Navy. Electronic frequency divider apparatus employing delay circuits. 2,568,319, Sept. 18.

Christensen, Paul L., Washington, D. C. Mine. 2,555,318, June 5.

Christensen, Paul M., Euclid, assignor to The Clark Controller Company, Cleveland, Ohio. Push-button contactor. 2,559,112, July 3.

Christensen, Ralph H., Badger, S. Dak. Elevator conveyer. 2,562,174, July 31.

Christensen, Ralph O., Edina, Minn. Forceps. 2,563,920, Aug. 14.

Christensen, Sue A., Los Angeles, Calif. Corset. 2,553,036, May 15.

Christensen, Willard L., Moylan, and A. H. Redding, Swarthmore, Pa., assignors, by mesne assignments, to the United States of America as represented by the Secretary of the Navy. Combustion apparatus provided with gas backflow-inducing means adjacent the nozzles. 2,554,401, May 22.

Christensen, Willard L., Moylan, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Gas turbine combustion chamber construction. 2,537,033, Jan. 9.

Christensen, Willard L., Moylan, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Liquid fuel and atomizing ring for annular combustion chambers. 2,543,762, Mar. 6.

Christensen, William E., Auburn, W. B. Smith, and J. J. Sandy, assignors to James Smith & Son, Inc., Worcester, Mass. Wool combing machine. 2,570,767, Oct. 9.

Christenson, Arthur L., Alexandria, Va., and C. E. Jackson, Niagara Falls, N. Y. Temperature indicating apparatus. 2,566,314, Sept. 4.

Christenson, Frank, Jamaica Estates, N. Y. Attachment for ceramic combustion chambers. 2,548,421, Apr. 10.

Christenson, Gust J., Chicago, Ill. Snubbed bolster truck. 2,550,910, May 1.

Christenson, Gust J., Park Ridge, Ill. Bolster spring unit. 2,551,204, May 1.

Christenson, Hazel E., Minneapolis, Minn. Basting guide. 2,553,631, May 22.

Christenson, Roger M., Milwaukee, Wis., assignor to Pittsburgh Plate Glass Company. Recovery of sterols. 2,573,891, Nov. 6.

Christenson, Roger M., Whitefish Bay, and R. E. Harpt, Wauwatosa, Wis., assignors to Pittsburgh Plate Glass Company. Bleaching oils in the presence of steam. 2,569,124, Sept. 25.

Christenson, Roger M., and R. E. Harpt, Milwaukee, Wis., assignors to Pittsburgh Plate Glass Company, Allegheny County, Pa. Separation of tall oil components. 2,573,890, Nov. 6.

Christgau, Henry W.: *See*—
Turner, Ralph B., and Christgau.

Christian, Dean R., Medina, assignor to The Brush Development Company, Cleveland, Ohio. Magnetic recording and reproducing. 2,574,207, Nov. 6.

Christian, Frank S., Jr., Orange, Calif., and G. N. Lemmon, Birmingham, Ala., said Lemmon assignor to said Christain. Holder for boxcovers. 2,553,527, May 15.

Christian, Joseph D., San Francisco, Calif. Driven drum power terminal. 2,540,099, Feb. 6.

Christian, Moss B.: *See*—
Byers, Ralph J., and Christian.

Christiana, Frank, assignee: *See*—
Coughenour, Ross O.

Christiansen, Aage, Riisskov near Aarhus, Denmark. Production of selectively acting bleaching powders, catalysts, and related products on the basis of clays capable of activation. 2,553,239, May 15.

Christiansen, Andrew L., Willowbrook, Calif. Fish splitting machine. 2,572,316, Oct. 23.

Christiansen, Christian, St. Cloud, Minn. Tractor and implement mounting. 2,551,725, May 8.

Christiansen, Christian, Lille Foren, V. Aker, near Oslo, and G. O. K. Rüsch, Mandal, Norway. Device for controlling the tension of thread or yarn. 2,536,537, Jan. 2.
Christiansen, Treva E., Grosse Pointe, Mich. Foundation dress ensemble. 2,548,143, Apr. 10.
Christiansen, Wilbur N., Melbourne, Victoria, assignor to Amalgamated Wireless (Australia) Limited, Sydney, New South Wales, Australia. Radio-frequency transmission line. 2,557,781, June 19.
Christianson, Carl R.: *See*—
Smith, Leathem D., Christianson, Stearn, and Hunt.
Christie, Alfred R., Chicago, Ill. Open window guard. 2,555,915, June 5.
Christie, Cleve F., Knoxville, Tenn. Air control valve for carburetor gaskets. 2,571,539, Oct. 16.
Christie, Donald R., and M. M. Bottemiller, Wadena, Minn. Dental matrix clamp. 2,560,553, July 17.
Christie, Lavierre, Meadville, Pa. Knife. 2,538,442, Jan. 16.
Christie, Leonard D., Jr., Yonkers, and C. L. Norton, Jr., New York, N. Y., assignors to The Babcock & Wilcox Company, Rockeleigh, N. J. Refractory heat transfer bodies and manufacture. 2,566,117, Aug. 28.
Christie, Robert K.: *See*—
Bretsch, Michael A., and Christie.
Christie, Thomas W., Vallejo, Calif. Phonograph record container and dispenser. 2,555,572, June 5.
Christie, William C.: *See*—
Cybulski, Stephen F., and Christie.
Christie, William H., Altadena, Calif. Ellipsograph. 2,574,464, Nov. 13.
Christina, Vincent, Pawling, assignor to Logan Laboratories, Inc., New York, N. Y. Apparatus for washing and sterilizing medicinal containers. 2,546,385, Mar. 27.
Christison, Richard A., Decatur, Ill. Door lifting apparatus for grain pits and the like. 2,565,202, Aug. 21.
Christman, John J., Trenton, and F. D. Klapproth, Pennsauken, N. J., assignor to Pennland Printing Company, Philadelphia, Pa. Mold for type casting machines. 2,560,503, July 10.
Christman, John M.: *See*—
Reaser, William A., Ziems, and Christman.
Christman, John M., Grosse Pointe Woods, Mich., assignor to The Sun Tool & Machine Co., Toledo, Ohio. Reciprocating carriage drive. 2,565,020, Aug. 21.
Christman, Willard L., Tony, Wis. Milk can holder. 2,542,118, Feb. 20.
Christmann, Ludwig J.: *See*—
Houpt, Alfred G., and Christmann.
Christoff, Emery J., Johnstown, Pa. Needle threader for sewing machines. 2,542,313, Feb. 20.
Christoffer, Donald F., Spirit Lake, Iowa. Scale for tightening corn planter wires. 2,570,321, Oct. 9.
Christoffersen, Fred, Blair, Nebr. Haystack cutter. 2,565,168, Aug. 21.
Christofilos, Nicolas (or Philos), Athens, Greece. Magnetic resonance particle accelerator. 2,567,904, Sept. 11.
Christofoli, Pietro J., United States Navy, and W. O. Bennett, Roscoe, Tex. Axially collapsing type, hydraulically operated tire bead breaking machine. 2,566,315, Sept. 4.
Christopher, Benjamin H., Jr., Baltimore, Md. Dual master cylinder for hydraulic automobile brakes. 2,568,220, Sept. 18.
Christopher, David H., Levittown, N. Y., and P. J. Spear, Amherst, Mass., assignors to American Aerovap, Inc. Vaporizing lindane in ventilated rooms. 2,541,637, Feb. 13.
Christopher, Edward T., and H. H. Herman, Denver, Colo. Sanitary receptacle. 2,551,315, May 1.
Christopher, Elbert E., Oakland, Calif. Turbojet propulsion apparatus with separate combustion discharge jets. 2,542,628, Feb. 20.
Christopher, Emanuel H., Bowie, Tex. Paraffin scraping device. 2,538,762, Jan. 23.
Christopher, Emanuel H., Bowie, Tex. Flow metering device. 2,570,322, Oct. 9.
Christopher, Frank E., and H. Cappellanti, Morgantown, W. Va. Nonclogging coal crusher. 2,564,464, Aug. 14.
Christopher Unitemp Heating Systems, Inc., assignee: *See*—
Smith, James W.
Christophersen, Clarence E., Inglewood, Calif., assignor, by mesne assignments, to Jack and Heintz Precision Industries, Inc., Cleveland, Ohio. Container assembly. 2,570,644, Oct. 9.
Christophersen, Clarence E., Los Angeles, assignor to Marman Products Company, Inc., Inglewood, Calif. Clamp. 2,541,205, Feb. 13.
Christophersen, Clarence E., Los Angeles, assignor to Marman Products Company, Inc., Inglewood, Calif. Multipurpose clamp. 2,541,206, Feb. 13.
Christopulos, George C., Sioux Falls, S. Dak. Grade metering apparatus for car tracks. 2,538,145, Jan. 16.
Christy, Alexander C., Morgantown, W. Va. Electrovibrant high-voltage supply. 2,578,043, Dec. 11.
Christy, Anker L., Kenilworth, assignor to The Pure Oil Company, Chicago, Ill. Blending apparatus. 2,549,169, Apr. 17.
Chromium Mining and Smelting Corporation, Ltd., assignee: *See*—
Timmins, Leo H.
Chromium Mining & Smelting Corporation, Limited, assignee: *See*—
Kinnear, Harry B., and Krumlauf.
Chromy, Benjamin J.: *See*—
Allen, Philip H., and Chromy.
Chrysler Corporation, assignee: *See*—
Auten, Jay C.
Ball, Laurence M.
Ball, Thomas M.
Barker, John C.
Best, Percy.
Blue, Roy E.
Bradley, Stephen D., and Sanders.
Bright, Rinehart S.
Butterfield, John P.
Cadwallader, Robert.
Cousino, Walter P.
Dunn, William T.
Edwards, Arthur H.
Edwards, Franklin W.
Eisenmann, John H.
Elliott, Clifton M., and Wise.
Fishburn, Otto E.
Forman, Louis B.
Gilfillan, Henry W.
Halberg, Robert W.
Holmes, Ira M.
Horne, Olaf.
Huebner, George J., Jr.
Huebner, George J., Jr., and McCain.
Hunter, William A.
Iavelli, Teno.
Jackson, Clifford C., and Smith.
Janeway, Robert N.
Janeway, Robert N., and Pretz.
Janeway, Robert N., and Van Der Sluys.
Jones, Robert L., Jr.
Keller, Kaufman T.
Keller, Robert T.
Krueger, William J.
Lewton, Ross.
Loofbourrow, Alan G.
Mayrath, Robert L.
McCarthy, George D., and Edwards.
McCullough, Jack D.
Miller, John R.
Neracher, Carl A., and Dunn.
Newton, Alwin B.
Nims, Paul T.
Ochs, Sidney A., and Fishburn.
Platner, John B.
Qualley, Ray W., and Newton.
Sachse, Arthur C., and Major.
Sailler, John W.
Saunders, Seymour G.
Schellinger, Theodor C.
Slack, Frederic W.
Slider, George.
Steensen, Bernard.
Swayze, Donald L., and Nicholls.
Toot, David F.
Van Der Sluys, William.
Wallace, David A.
Wolfe, Robert W.
Woolson, Harry T., and Parker.
Wyeth, Nathaniel.
Chryssex, Limited, assignee: *See*—
Baron, Arthur J., and Sykes.
Chu, Lan J.: *See*—
Straus, Henry A., Getting, and Chu.
Chubb, Melvin F., Joplin, Mo., assignor to The Eagle-Picher Company, Cincinnati, Ohio. Pasting battery plates. 2,555,301, June 5.
Chubbuck, Horace A., assignor to Ford Motor Corporation, Dearborn, Mich. Water pump. 2,542,902, Feb. 20.
Chudyk, Alex B.: *See*—
Sparrow, Hubert T., and Chudyk.
Chudyk, Alex B., Hopkins, assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Torque indicator. 2,545,650, Mar. 20.
Chudyk, Alex B., St. Louis Park, assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Condition control apparatus with multipoint calibration. 2,562,890, Aug. 7.
Chudyk, Alex B., St. Louis Park, assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Polarized electromagnet with moving coil armature. 2,573,183, Oct. 30.
Chudyk, Alex B., St. Louis Park, assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Electrical motor control apparatus. 2,579,648, Dec. 25.
Chun, Ernest K. F., Honolulu, Territory of Hawaii. Indoor portable oscillating drier. 2,574,621, Nov. 13.
Chun, Herbert H., Marblehead, and H. H. Homer, Arlington, assignors to Sylvania Electric Products Inc., Salem, Mass. Lamp electrode. 2,560,933, July 17.
Church, Albert E., assignor to Union Manufacturing Company, New Britain, Conn. Fluid operated chuck. 2,573,403, Oct. 30.
Church, Albert E., assignor to Union Manufacturing Company, New Britain, Conn. Motor operated chuck. 2,579,796, Dec. 25.

Church, Dagfried H.: *See*—
Kaiser, Donald W., and Church.
Schaefer, Frederic C., and Church.
Church, Franklin O., assignor to Dunlop Tire and Rubber Corporation, Buffalo, N. Y. Pneumatic tire and safety tube. 2,554,815, May 29.
Church, Franklin O., Buffalo, N. Y. Support for handbags and other articles. 2,565,719, Aug. 28.
Church, Jack A., Corona Del Mar, Calif. Instrument board for motor vehicles. 2,570,645, Oct. 9.
Church, James M.: *See*—
Johnson, Ernest W., and Church.
Church, James S., Los Alamos, N. Mex., and H. R. Tyler, St. Louis, Mo., assignors to the United States of America as represented by the United States Atomic Energy Commission. Casting method and compositions. 2,559,345, July 3.
Church, Walter L., Houston, Tex. Pipe holding slip. 2,572,318, Oct. 23.
Churchfield, Elizabeth M., and W. Barnes, Jr., Upper Darby, Pa. Animal seat and exercising device. 2,579,797, Dec. 25.
Churchill, Albert, Bristol, England. Electronic combination switch. 2,541,461, Feb. 13.
Churchill, Emma D., Glenwood, Minn. Mattress cover. 2,537,652, Jan. 9.
Churchill, Harold E., assignor to The Studebaker Corporation, South Bend, Ind. Rotary fluid coupling housing and oil drain system. 2,565,203, Aug. 21.
Churchill Meat Company, assignee: *See*—
Lebovitz, Morris.
Churchill, Ralph H., Chicago, Ill. Fuel. 2,547,691, Apr. 3.
Churchill, William L., Jr., Sutherland, Nebr. Clothespin. 2,548,254, Apr. 10.
Churchill, Wilmer H., Saugus, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Mounting device for cable clamps. 2,537,928, Jan. 9.
Churchill, Wilmer H., Saugus, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Fastener device. 2,564,638, Aug. 14.
Churchman, Charles L., Barberton, and C. S. Endress, Akron, Ohio. Safety device for beer tapping equipment. 2,537,740, Jan. 9.
Churchman, Nellie, executrix: *See*—
Churchman, Russell C.
Churchman, Russell C., deceased, Des Moines, Iowa; N. Churchman executrix of said R. C. Churchman. Mechanism for draining accumulated moisture from storage tanks. 2,552,518, May 15.
Churchman, Russell C., deceased, Des Moines, Iowa, N. Churchman, executrix. Electrical actuation means. 2,571,419, Oct. 16.
Churchman, Russell C., deceased, Des Moines, Iowa; N. Churchman, executrix. Mechanism for draining moisture from compressed-air storage tanks. 2,571,420, Oct. 16.
Churchward, Ruth E., Boulder City, Nev., assignor to the United States of America as represented by the Secretary of the Interior. Purification of commercial soda ash. 2,537,034, Jan. 9.
Churchward, Ruth E., Boulder City, Nev., and F. K. Shelton, Kutch, Colo., assignors to the United States of America as represented by the Secretary of the Interior. Purification of cobalt sulphate solution. 2,577,739, Dec. 11.
Churn, Charles R.: *See*—
Lisle, William G., and Churn.
Churnell, Frank J., Bloomfield, and K. E. Smith, Paterson, N. J., assignors to Federal Telephone and Radio Corporation, New York, N. Y. Extrusion device. 2,546,975, Apr. 3.
Chyba, Joseph A., assignor to Hydro-Form Corporation, Baltimore, Md. Pressure-indicating means. 2,536,031, Jan. 2.
Chyba, Joseph A., assignor to Hydro-Form Corporation, Baltimore, Md. Diaphragm anchoring means. 2,550,672, May 1.
Chyle, John J., Wauwatosa, assignor to A. O. Smith Corporation, Milwaukee, Wis. Welded expansible bellows. 2,565,296, Aug. 21.
Chynoweth, John L., New York, N. Y., and G. E. Wintermute, Kearney, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of polymerized methyl methacrylate sheets. 2,537,969, Jan. 16.
Ciaccio, Peter L., assignor to Flexible Sewer Rod Equipment Company, Los Angeles, Calif. Reeling, rotating, and driving unit for sewer cleaning rods. 2,544,256, Mar. 6.
Ciaio, Joseph A., Corona, N. Y., assignor to Snap-It, Snug-Fit Shoe Machinery Co., Inc. Shoe construction and making same. 2,568,884, Sept. 25.
Ciampolini, Valerio: *See*—
Sabatini, Ugo, and Ciampolini.
Ciapetta, Frank G., Llanerch Hills, assignor to The Atlantic Refining Company, Philadelphia, Pa. Reforming process and catalyst therefor. 2,550,531, Apr. 24.

Ciba Limited, assignee: *See*—
Ackermann, Franz.
Albrecht, Otto.
Anderau, Walter.
Casty, Richard.
Felix, Friedrich, Heckendorn, and Widmer.
Geiger, Max, Usteri, and Ruperti.
Grieshaber, Fritz.
Grossmann, Paul, and Kern.
Gunst, Raymond.
Hecker, August.
Holbro, Theodor, and Kern.
Jenney, Walter, and Kern.
Kaiser, Otto, Widmer, Buehler, and Zickendraht.
Kern, Walter.
Kern, Walter, and Holbro.
Moergeli, Eduard.
Mörgeli, Eduard, and Kern.
Oesterlein, Fritz.
Porret, Daniel.
Reichart, Fritz, and Schlumpf.
Riat, Henri, and Mayer.
Schibler, Luzius.
Schmid, Max.
Schmid, Max, and Johner.
Straub, Fritz, Brassel, and Pieth.
Sutter, Paul, and Kern.
Widmer, Willi, and Buehler.
Widmer, Willi, and Heckendorn.
Widmer, Willi, and Reich.
Widmer, Willi, and Ruegg.
Widmer, Willi, and Zickendraht.
Widmer, Willy.
Widmer, Willy, and Brassel.
Ciba Pharmaceutical Products, Inc., assignee: *See*—
Cockerille, Frank O.
Djerassi, Carl, and Scholz.
Druey, Jean.
Hartmann, Max, and Studer.
Kaegi, Hans, and Miescher.
Meystre, Charles, Plattner, and Wettstein.
Miescher, Karl, and Billeter.
Miescher, Karl, and Heer.
Miescher, Karl, and Kaegi.
Miescher, Karl, and Wieland.
Reichstein, Tadeus.
Ruzicka, Leopold, and Plattner.
Wettstein, Albert, and Meystre.
Ciccone, Patsy S.: *See*—
Ashworth, Marjorie E., and Ciccone.
Cicero, Theodore J., assignor to H. Ferguson, Inc., Detroit, Mich. Hood lock. 2,561,496, July 24.
Ciciarelli, Joseph J., New Kensington, Pa. Demountable awning. 2,546,386, Mar. 27.
Cienfuegos, Joaquin, Jr., Phoenix, Ariz. Irrigating device for growing plants. 2,556,522, June 12.
Cieri, Salvador P. P., Buenos Aires, Argentina. Apparatus for draining plates and similar articles. 2,562,982, Aug. 7.
Cieslak, Stephen, Chicago, Ill. Stopper rod assembly. 2,556,152, June 5.
Ciha, Edward E., Chicago, Ill. Keyhole illuminator. 2,536,593, Jan. 2.
Cilag Limited, assignee: *See*—
Felder, Ernst.
Cinch Manufacturing Corporation, assignee: *See*—
Del Camp, Scipione M.
Cincinnati Advertising Products Company, The, assignee: *See*—
Lytton, Lewis G.
Cincinnati Butchers' Supply Company, The, assignee: *See*—
Schmidt, Carl O., Jr.
Cincinnati Butchers' Supply Corporation, The, assignee: *See*—
Schmidt, William C., and Zaenkert.
Zaenkert, Frederick A.
Cincinnati Industries, Inc., assignee: *See*—
Rowe, William W.
Cincinnati Lathe & Tool Co., The, assignee: *See*—
Ritter, Eugene L.
Cincinnati Milling Machine Co., The, assignee: *See*—
Alt, Alvin F., and Decker.
Cox, Walter A.
Dall, Albert H.
Ernst, Hans.
Ernst, Hans, and Dall.
Hassman, Fred A., and Vancil.
Hill, John S.
Hoier, Walter A.
Martellotti, Mario E.
Nenninger, Lester F., Vancil, and Hassman.
Plimmer, Alfred G.
Plimmer, Alfred G., and Kistner.
Strauchen, David M., and Garvin.
Trinkle, Dallas R.
Cincinnati Milling Machines Limited, assignee: *See*—
Taylor, William W.
Cincinnati Shaper Company, The, assignee: *See*—
Hazelton, Merrill W.
Raffke, William F.

Cinema-Television Limited, assignee: *See*—
Elbourn, Roland W., and Johnson.
Freeman, George S. P.
Graham, George E. G.
Head, Richard B.
Hill, Frank L.
Cinex, Inc., assignee: *See*—
Rowe, Walter, and Adler.
Cintula, Alois L., Norwood, Mo. Stone picking machine. 2,553,240, May 15.
Ciocchetti, Nello E.: *See*—
Jones, Taze W., and Ciocchetti.
Cipkar, Paul, Chicago Heights, Ill. Foundation for garment coats and making the same. 2,550,532, Apr. 24.
Cipriani, Chester, Toledo, Ohio. Spark plug and making same. 2,542,903, Feb. 20.
Cirigliano, James, Detroit, Mich. Deodorizer and door check. 2,551,418, May 1.
Ciringione, Peter, Stoneham, Mass. Brassière. 2,577,842, Dec. 11.
Cirlin, Bernard D., South Gate, Calif. Audience reaction recorder. 2,547,074, Apr. 3.
Cirone, Joseph, Ridgefield, N. J. Accelerator actuated switch for signal lights. 2,552,665, May 15.
Cislak, Francis E., Indianapolis, Ind. Fungicidal compositions containing 5-alkylcyclohexylmethylpyridine. 2,564,249, Aug. 14.
Cisne, Luther E., New Providence, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electrode spacer structure for electron discharge devices. 2,576,251, Nov. 27.
Cissell, W. M., Manufacturing Company, Incorporated, assignee: *See*—
Richterkessing, Frank H.
Cisski, Irving, Schiller Park, Ill., assignor, by mesne assignments, to General Precision Laboratory Incorporated. View finder masking device. 2,542,939, Feb. 20.
Cities Service Oil Company, assignee: *See*—
Friedman, Louis D., and Hughes.
Hughes, William B., and Newcombe.
Mastin, Robert G.
Palm, John W., and King.
Walker, John C.
Willke, Louis G., Rosen, and Smith.
Cities Service Refining Corporation, assignee: *See*—
Mattix, Emory D., and Stokes.
Cities Service Research and Development Company, assignee: *See*—
Hess, Frederick G.
Morgan, John D., and Lowe.
Citizens National Trust & Savings Bank of Los Angeles, executors: *See*—
Cannon, James H.
Citro, Alphonse P., Summit Hill, Pa. Guitar stand. 2,547,924, Apr. 10.
City Auto Stamping Company, The, assignee: *See*—
Peterson, Peter.
City National Bank and Trust Company of Chicago, trustee, assignee: *See*—
Frankel, Leo.
City of Milwaukee, Sewerage Commission of the, assignee: *See*—
Miner, Carl S., Jr., and Wolnak.
City Tank Corporation, assignee: *See*—
Reitz, Donald S.
Civil Aeronautics Administration, Department of Commerce, United States of America as represented by the, assignee: *See*—
Brown, Roy W.
Cizek, Frank G., assignor to American Steel Foundries, Chicago, Ill. Hydraulic decompression circuit with automatic reverse. 2,555,115, May 29.
Claassen, Howard H.: *See*—
Beu, Karl E., and Claassen.
Claeson, Karl E. L.: *See*—
Rosenberg, Ernst T., Högberg, and Claeson.
Claessens, Frank A.: *See*—
Du Bois, John H., and Claessens.
Claesson, Per H. E.: *See*—
Rost, Helge F., and Claesson.
Claffey, Luther M., Groveport, Ohio. Detachable drive mechanism for vehicles equipped with product unloading means. 2,563,158, Aug. 7.
Claflin, Roland S., Park Ridge, Ill. Child's spoon. 2,576,388, Nov. 27.
Claghorn, James L., assignor to North Pacific Frozen Products Co., Seattle, Wash. Tray. 2,539,726, Jan. 30.
Clair, Louis C., Bernice, La. Board tightening tool. 2,552,519, May 15.
Clair, Roger P.: *See*—
Bouvier, Gabriel S., and Clair.
Claire, Frank L.: *See*—
Shaw, Albert W., Bullard, and Claire.
Clairol, Incorporated, assignee: *See*—
Yven, Emile J., and Barton.
Clamp, Charles C., San Antonio, Tex. Flexible hose for connection to faucets. 2,550,186, Apr. 24.
Clampitt, Elmer, Indianapolis, Ind. Watertight cigarette and match case. 2,537,332, Jan. 9.
Clancy, Gilbert E., assignor to Drayer-Hanson, Incorporated, Los Angeles, Calif. Apparatus for exchanging heat with subterranean regions. 2,554,661, May 29.
Clancy, John F., East Troy, Wis. Differential transmission. 2,564,393, Aug. 14.
Clanton, George V., assignee: *See*—
Consolo, Michael D., and Clanton.
Clapham, Thomas, Coulsdon, assignor to Power Jets (Research and Development) Limited, London, England. Rotary starting means for rotary engines with cartridge chamber and surplus gas releasing means. 2,559,006, July 3.
Clapp, Charles W., Schenectady, N. Y., assignor to General Electric Company. Pulse rate measurement. 2,562,697, July 31.
Clapp, Charles W., Scotia, N. Y., assignor to General Electric Company. Low-distortion oscillator. 2,566,981, Sept. 4.
Clapp, Chester B., Oakland, Calif. Ash tray. 2,576,572, Nov. 27.
Clapp, George D.: *See*—
Leach, Elbert C., Manthie, and Clapp.
Clapp, James W., Darien, and R. O. Roblin, Jr., Riverside, Conn., assignors to American Cyanamid Company, New York, N. Y. Heterocyclic sulfonamides and preparation thereof. 2,554,816, May 29.
Clapp, James W., Darien, and R. O. Roblin, Jr., Riverside, Conn., assignors to American Cyanamid Company, New York, N. Y. Diazine sulfonamides and preparing the same. 2,577,231, Dec. 4.
Clapp, Jerome B., North Plainfield, assignor to The Thomas & Betts Co., Elizabeth, N. J. Ground wire assembly. 2,541,406, Feb. 13.
Clapp, Jerome B., North Plainfield, assignor to The Thomas & Betts Co., Elizabeth, N. J. Line fit connector. 2,559,187, July 3.
Clapp, Jerome B., North Plainfield, assignor to The Thomas & Betts Co., Elizabeth, N. J. Suspended crimping tool. 2,568,054, Sept. 18.
Clapp, Jerome B., North Plainfield, assignor to The Thomas & Betts Co., Elizabeth, N. J. Hot clamp connector. 2,574,776, Nov. 13.
Clapp, Kenneth S., Dallas, Tex. Turnover safety switch. 2,541,571, Feb. 13.
Clapp, Roger E., Cambridge, Mass., assignor, by mesne assignments, to the United States of America as represented by the Secretary of the Navy. System for directional interchange of energy between wave guides and free space. 2,574,433, Nov. 6.
Clapper, Lyle, University City, assignor of one-half to L. B. Schumacher, Kirkwood, Mo. Nailable concrete. 2,542,992, Feb. 27.
Clapsadle, Leo J., Kenmore, N. Y., assignor to The Linde Air Products Company. Aminoalkoxysilanes. 2,541,154, Feb. 13.
Clar, Eric, Glasgow, Scotland, assignor to Petro carbon Limited, London, England. New pyrene condensation products and their manufacture. 2,570,522, Oct. 9.
Clar, Mottel, Culver City, Calif. Selectively evacuated temperature regulated container. 2,550,040, Apr. 24.
Clardy, Le Roy, Chicago, Ill., and T. W. Dakin, Pittsburgh, assignors of one-half to Westinghouse Electric Corporation, East Pittsburgh, Pa., and one-half to Swift & Company. Control apparatus. 2,565,121, Aug. 21.
Clare, C. P., & Co., assignee: *See*—
Mossman, John E., and Elsom.
Clare, C. P., & Company, assignee: *See*—
Horlacher, Albert F.
Weinreich, George F.
Claret, Lucien, Colombes, France. Clip for fountain pens and the like. 2,538,294, Jan. 16.
Clarin, John H., Oak Park, assignor to Clarin Mfg. Co., Chicago, Ill. Folding chair kneeler attachment. 2,548,098, Apr. 10.
Clarin Mfg. Co., assignee: *See*—
Clarin, John H.
Clark, Adna R., Evansville, Ind., assignor to International Harvester Company. Automotive truck refrigeration apparatus defrosting mechanism. 2,546,723, Mar. 27.
Clark, Albert R., assignor to The De Vilbiss Company, Toledo, Ohio. Panel construction. 2,554,359, May 22.
Clark, Alfred: *See*—
Mayland, Bertrand J., and Clark.
Clark, Alfred, Bartlesville, Okla., assignor to Phillips Petroleum Company. Fischer-Tropsch process for the synthesis of hydrocarbons. 2,564,958, Aug. 21.
Clark, Alfred, Bartlesville, Okla., assignor to Phillips Petroleum Company. Synthesis of hydrocarbons. 2,567,596, Sept. 11.
Clark, Alfred S., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Shoe sewing machine. 2,542,993, Feb. 27.
Clark, Arlie P., Spokane, Wash. Decoy anchor. 2,539,727, Jan. 30.
Clark, Arthur W. S.: *See*—
Lyne, Ralph R., and Clark.
Clark, Augustus W.: *See*—
Anderson, Henry W., Samson, and Clark.
Jones, Robert C., and Clark.
Shapiro, Abraham, and Clark.
Clark Bros. Co., Inc., assignee: *See*—
Trumpler, William E.
Clark, Charles R., Grand Rapids, Mich. Sadiron holder. 2,555,873, June 5.

Clark, Charles W., Westmount, Quebec, assignor, by mesne assignments, to Norando Mines Limited, Toronto, Ontario, Canada. Recovering from pyrite the valuable constituents thereof. 2,549,367, Apr. 17.
Clark & Clark Co., assignee: *See*—
Goggin, Theodore C.
Clark Controller Company, The, assignee: *See*—
Bundy, Oswald M.
Christensen, Paul M.
Few, William.
Ranson, Lloyd R.
Clark, Cyril B.: *See*—
Durant, Walter W., and Clark.
Clark, David L., Bridgeport, Conn., assignor to General Electric Company. Adjustable light source having a bimetallic support arm. 2,556,870, June 12.
Clark, Donald L.: *See*—
Holmes, Lynn C., and Clark.
Clark, Dudley B., Palm Springs, Calif. Power rectifier tube. Re. 23,424, Oct. 30.
Clark, Dudley B., Palm Springs, Calif. Acyclic generator. 2,539,569, Jan. 30.
Clark, Earl K., Mansfield, Ohio, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Heating apparatus. 2,555,841, June 5.
Clark, Earl K., Mansfield, Ohio, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Dishwashing apparatus having impeller-operated means for controlling water supply. 2,562,772, July 31.
Clark, Earl K., Mansfield, Ohio, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Spaced wall container with removable inner receptacle. 2,571,111, Oct. 16.
Clark, Earl K., Mansfield, Ohio, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Automatically controlled washing apparatus. 2,575,704, Nov. 20.
Clark, Earl M., assignor of twenty-five per cent to L. J. Lewis and twenty-five per cent to M. R. Johnson, Kalispell, Mont. Quantity bottle loader for automatic beverage bottle washing machines. 2,541,809, Feb. 13.
Clark, Earl N., Middletown, Ohio. Map holding device. 2,563,580, Aug. 7.
Clark, Earle W., assignor to Keeler Brass Company, Grand Rapids, Mich. Knob for spindles of electrical apparatus and the like. 2,571,681, Oct. 16.
Clark, Earnest H., Jr., Long Beach, assignor to Baker Oil Tools, Inc., Vernon, Calif. Casing centralizer. 2,562,083, July 24.
Clark, Edward B., Milford, and G. Carlson, Trumbull, Conn., assignors to General Electric Company. Junction box cable connector. 2,552,149, May 8.
Clark, Edwin L., Collingswood, N. J., assignor to Radio Corporation of America. High-efficiency cathode-ray beam deflection system. 2,536,838, Jan. 2.
Clark, Edwin L., Collingswood, N. J., assignor to Radio Corporation of America. Deflection circuit. 2,543,719, Feb. 27.
Clark, Edwin L., Collingswood, N. J., assignor to Radio Corporation of America. Automatic gain control system. 2,569,289, Sept. 25.
Clark, Edwin L., Collingswood, and C. W. Hoyt, Merchantville, N. J., assignors to Radio Corporation of America. Power recovery cathode-ray beam deflection system. 2,536,839, Jan. 2.
Clark, Ephraim C. S., Gloucester, Mass. Trawl winch. 2,555,676, June 5.
Clark Equipment Company, assignee: *See*—
Backofen, Ryan, and Turner.
Bixby, Leo A., and Dence.
Borland, John.
Bronk, Leland D.
Dunham, Elmer J.
Eaton, Ernest E.
Hogue, Francis M.
Lapsley, Robert.
Williams, Alfred O.
Clark, Ernest, assignor to Abington Textile Machinery Works, Abington, Mass. Carding machine. 2,541,407, Feb. 13.
Clark, Ernest R., La Verne, Calif. Panel for use in photographing movie titles and the like. 2,576,573, Nov. 27.
Clark, Eugene F., Damariscotta, Maine, assignor to Marshall Field & Company, Chicago, Ill. Pile fabric. 2,578,173, Dec. 11.
Clark, Frank L., Upper Hutt, Wellington, New Zealand. Animal trap. 2,577,182, Dec. 4.
Clark, Frank M.: *See*—
Byrne, John F., and Clark.
Clark, Frank M., Schenectady, N. Y., and G. Camilli, Pittsfield, Mass., assignors to General Electric Company. Electric transformer. 2,549,426, Apr. 17.
Clark, Frederic B., Englewood, N. J. Labeling machine. 2,556,028, June 5.
Clark, Frederick G., assignor to Eastman Machine Company, Buffalo, N. Y. Knife sharpening mechanism for cutting machines. 2,537,208, Jan. 9.
Clark, Frederick G., assignor to Eastman Machine Company, Buffalo, N. Y. Knife guide for cutting machines. 2,545,842, Mar. 20.
Clark, Frederick G., assignor of one-half to W. Stevenson, Buffalo, N. Y. Magnetic screw driver. 2,550,775, May 1.
Clark, Frederick G., assignor to Eastman Machine Company, Buffalo, N. Y. Knife sharpening mechanism. 2,563,921, Aug. 14.
Clark, Geoffrey W., Bramcote, England, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Holder for thermionic valves. 2,551,928, May 8.
Clark, George: *See*—
Wallach, Irving D., and Clark.
Clark, Gerald I., Santa Clara, assignor to Wooldridge Manufacturing Company, Sunnyvale, Calif. Dump wagon. 2,573,184, Oct. 30.
Clark, Gerardus B., Paeonian Springs, Va., assignor to Curtiss-Wright Corporation. Aircraft arresting gear with releasable hook. 2,553,632, May 22.
Clark, Gilbert R., Staten Island, N. Y., assignor to Radio Corporation of America. Multiplex telegraph system using frequency discrimination. 2,538,829, Jan. 23.
Clark, Harold A., assignor to Dow Corning Corporation, Midland, Mich. Preparation of alkoxysilanes. 2,553,845, May 22.
Clark, Harold A., assignor to Dow Corning Corporation, Midland, Mich. Making chlorosilphenanes and products. 2,557,782, June 19.
Clark, Harold A., assignor to Dow Corning Corporation, Midland, Mich. 1,3-substituted 1,1,3,3-tetrachloro 1,3-disilapropane. 2,557,942, June 26.
Clark, Harold A., assigner to Dow Corning Corporation, Midland, Mich. Organosilicon materials containing the repeating structure —SiSiC—. 2,563,004, Aug. 7.
Clark, Harold A., assignor to Dow Corning Corporation, Midland, Mich. Organopolysilane resins. 2,563,005, Aug. 7.
Clark, Harold H., Cuyahoga Falls, assignor to Wingfoot Corporation, Akron, Ohio. Apparatus for venting tire casings. 2,561,012, July 17.
Clark, Harold L. and R. U., Belmont, Mass. Fluid conducting electrically insulated system. 2,547,440, Apr. 3.
Clark, Harry F., Oakwood, assignor to General Motors Corporation, Dayton, Ohio. Thermal control means for induction motors. 2,573,404, Oct. 30.
Clark, Henry B., Elizabeth, N. J. Overhead door. 2,540,810, Feb. 6.
Clark, Henry B., Elizabeth, N. J. Overhead door. 2,547,196, Apr. 3.
Clark, Henry B., Elizabeth, N. J. Bracket for mounting rollers on overhead doors. 2,567,763, Sept. 11.
Clark, Horace E., Atlanta, Ga. Portable blower. 2,543,833, Mar. 6.
Clark, Howard H., Detroit, Mich., assignor to Eaton Manufacturing Company, Cleveland, Ohio. Spring testing machine. 2,559,400, July 3.
Clark, Howard H., Kent, Ohio. Safety scaffold pole. 2,578,228, Dec. 11.
Clark, Hubert M.: *See*—
Sherman, George B., and Clark.
Clark, James E., Williston Park, N. Y., and V. L. Ronci, Allentown, Pa., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Sealing fixture for the manufacture of electron discharge devices. 2,553,749, May 22.
Clark, James L., Cambridge, Mass., assignor to the United States of America as represented by the Secretary of War. Holder for electron discharge devices. 2,557,632, June 19.
Clark, James L., and M. E. Horton, assignors to Clarvan Corporation, Milwaukee, Wis. Machine for making bowl covers. 2,580,075, Dec. 25.
Clark, James M., Corpus Christi, Tex. Safety device for catching falling objects in well bores. 2,538,862, Jan. 23.
Clark, James M., Hinsdale, and W. H. Counts, La Grange, assignors to Motorola, Inc., Chicago, Ill. High-frequency tuner. 2,566,759, Sept. 4.
Clark, Jesse H., W. Grahn, L. P. Overend, Chicago, and H. R. Cole, Glenview, assignors to Diebraze Corporation, Chicago, Ill. Bonding metals. 2,551,244, May 1.
Clark, Joel B., assignor to The Auto Appliance Patents Co., Youngstown, Ohio. Filter element. 2,568,184, Sept. 18.
Clark, John E., Springfield, Ohio. Colostomy receptacle. 2,561,906, July 24.
Clark, John F., III, Burbank, Calif., assignor to Radio Corporation of America. Amplifier-rectifier circuit. 2,574,690, Nov. 13.
Clark, John R., Silver Spring, assignor of one-half to T. Somerville, III, Kenwood, Md., trustee. Kiln for bricks. 2,559,595, July 10.
Clark, John R., Jr., Los Angeles, assignor to Technicolor Motion Picture Corporation, Hollywood, Calif. Cinematography. 2,544,257, Mar. 6.
Clark, John T., Cicero, Ill. Making oval diaphragms. 2,540,932, Feb. 6.
Clark, John W., assignor to Collins Radio Company, Cedar Rapids, Iowa. Electric field mapping device. 2,542,478, Feb. 20.
Clark, Joseph C., assignor to Jeny Corporation, Merchantville, N. J. Miniature electric motor. 2,542,959, Feb. 20.
Clark, Joseph C., Merchantville, assignor to Atlas Instrument Company, Haddonfield, N. J. Electric scissors. 2,562,773, July 31.

Clark, Kendall, Oakwood, assignor to General Motors Corporation, Dayton, Ohio. Domestic appliance. 2,549,756, Apr. 24.
Clark, Kendall, Oakwood, assignor to General Motors Corporation, Dayton, Ohio. Impeller and detergent dispenser. 2,568,185, Sept. 18.
Clark, Kendall, Oakwood, assignor to General Motors Corporation, Dayton, Ohio. Centrifugal machine. 2,577,647, Dec. 4.
Clark, Kendall, and J. W. Dietz, Oakwood, and H. B. Wallis, assignors to General Motors Corporation, Dayton, Ohio. Centrifugal machine. 2,539,530, Jan. 30.
Clark, Kenneth C., Watsonville, Calif. Tire-wheel or tire-rim carrier for pickup trucks. 2,574,465, Nov. 13.
Clark, Kenneth E., Madera, Calif. Telescope sight mount. 2,556,903, June 12.
Clark, Lauriston E., assignor to Technicolor Motion Picture Corporation, Los Angeles, Calif. Cinematographic light control apparatus. 2,573,405, Oct. 30.
Clark, Lauriston E., Los Angeles, and J. M. Andreas, Pasadena, assignors to Technicolor Motion Picture Corporation, Hollywood, Calif. Cinematographic apparatus. 2,561,497, July 24.
Clark, Lauriston E., Los Angeles, Calif., and L. W. Oliver, Gerrards Cross, England, assignors to Technicolor Motion Picture Corporation, Los Angeles, Calif. Deviation detector apparatus for film registration. 2,569,228, Sept. 25.
Clark, Leo, Trenton, N. J. Bobbin stripping device. 2,580,003, Dec. 25.
Clark, Lewis N., Orange, Va. Finger-supported bottle opener. 2,548,517, Apr. 10.
Clark, Louis, North Hollywood, Calif. Card holder. 2,563,159, Aug. 7.
Clark, Louis, assignor to Protecto Products Co. Inc., Pomona, Calif. Dispenser for tissues and the like. 2,537,741, Jan. 9.
Clark, Louis M., Fort Collins, Colo. Bevel recessing reamer. 2,544,444, Mar. 6.
Clark Manufacturing Company, The, assignee: *See*— Mainwaring, John L., and Campbell.
Clark, Marion A., Tulare, Calif. Rotary carry-type scraper. 2,564,563, Aug. 14.
Clark, Marion W., and H. J. Hall, Columbia, Mo. Ditching attachment for mobile posthole diggers. 2,558,642, June 26.
Clark Metal Products, Inc., assignee: *See*— Lockwood, Harry A.
Clark, Mildred G., assignor of one-half to P. M. Clark, Scottsbluff, Nebr. Handle and armrest for weed burners. 2,548,196, Apr. 10.
Clark, Neil, Jr.: *See*— Hoeppner, Conrad H., Murphy, and Clark.
Clark, Neil, Jr., Washington, D. C. Pulse wave form discriminator. 2,536,032, Jan. 2.
Clark, Pearl M., assignee: *See*— Clark, Mildred G.
Clark, Ralph C., assignor to R. E. Clark, Willowbrook, Calif. Door lock. 2,568,273, Sept. 18.
Clark, Ray E., assignee: *See*— Clark, Ralph C.
Clark, Ray E., Willowbrook, Calif. Making bowling pins. 2,568,274, Sept. 18.
Clark, Raymond G.: *See*— Clark, William A. and R. G.
Clark, Reid, Camden, Ala., assignor, by decree of court, to T. Clark. Minnow bucket. 2,550,533, Apr. 24.
Clark, Richard B., Sidney, assignor to Bendix Aviation Corporation, New York, N. Y. Circuit breaker. 2,564,832, Aug. 21.
Clark, Richard U.: *See*— Clark, Harold L. and R. U.
Clark, Richard U., Belmont, Mass. High-voltage electrolytic charge storing cells. 2,558,172, June 26.
Clark, Robert A., Jr., Chicago, Ill. Combination fluorescent and germicidal lamp fixture. 2,561,341, July 24.
Clark, Robert C., and T. C. Jones, San Francisco, Calif. Slatted blind. 2,565,840, Aug. 28.
Clark, Robert G., Eufaula, Ala. Electric feeler mechanism for filling detection in looms. 2,548,348, Apr. 10.
Clark, Robert H., assignee: *See*— Wilson, Harry C.
Clark, Robert H., Denver, Colo. Combined fork and spoon. 2,578,287, Dec. 11.
Clark, Robert L., Woodbridge, assignor to Merck & Co., Inc., Rahway, N. J. 3-hydroxy-4,4-diphenyl-6-aminoheptanes. 2,565,592, Aug. 28.
Clark, Robert S., Albany, N. Y., assignor, by mesne assignments, to F. N. Bard, Chicago, Ill. Apparatus for indicating and recording the performance of electrically driven locomotives. 2,577,950, Dec. 11.
Clark, Robert S., Berkeley, assignor to Yuba Manufacturing Company, San Francisco, Calif. Clutch wear compensator. 2,574,622, Nov. 13.
Clark, Samuel F.: *See*— Hoaglin, Raymond I., and Clark.
Clark, Shirley F., Manning, Iowa. Accelerator locking assembly. 2,562,017, July 24.
Clark, Simmie J., assignor of one-tenth to L. I. Alexander, Jacksonville, Fla. Bottle opener. 2,554,898, May 29.
Clark, Stanley J., assignor to Acme Tank & Welding Co., a Division of United Tool & Die Company, Hartford, Conn. Baffle for boiler tubes. 2,560,275, July 10.
Clark, Stanley P., Windsor, Conn., assignor to Emhart Manufacturing Company. Glassware spotter for stackers. 2,549,663, Apr. 17.
Clark, Stanley P., Windsor, Conn., assignor to Emhart Manufacturing Company. Vacuum transfer device. 2,557,260, June 19.
Clark, Thelma, assignee: *See*— Clark, Reid.
Clark, Theodore W., Corry, Pa., and H. H. Maltbie, Geneva, assignors, by mesne assignments, to Strong Steam Specialty Mfg. Co., Cleveland, Ohio. Steam trap. 2,542,969, Feb. 27.
Clark, Thomas, assignor to Armstrong Siddeley Motors Limited, Coventry, England. Labyrinth packings, particularly for use in internal-combustion turbines. 2,545,916, Mar. 20.
Clark, Thomas, and J. H. C. Atkins, assignors to Armstrong Siddeley Motors Limited, Coventry, England. Arrangement of labyrinth packing for a rotary type of fluid-pressure apparatus. 2,553,442, May 15.
Clark, Thomas F., Peoria, Ill., assignor to the United States of America as represented by the Secretary of Agriculture. Phenolic molding resins. 2,545,446, Mar. 20.
Clark Thread Company, Inc., The, assignee: *See*— Taylor, William B., and Eaton.
Clark, Trevor H., Boonton, N. J., assignor to Federal Telephone and Radio Corporation, New York, N. Y. Radio direction finder. 2,539,402, Jan. 30.
Clark, Trevor H., Boonton, N. J., assignor to Federal Telephone and Radio Corporation, New York, N. Y. Antenna. 2,541,037, Feb. 13.
Clark, Trevor H., Boonton, Morris County, N. J., assignor to International Standard Electric Corporation, New York, N. Y. Electron switch, structures, and circuits. 2,556,166, June 12.
Clark, Trevor H., Boonton, N. J., assignor to International Standard Electric Corporation, New York, N. Y. Electronic switch. 2,570,208, Oct. 9.
Clark, Trevor H., New York, N. Y., A. G. Clavier, and E. Rostas, Lyon, France, assignors to International Standard Electric Corporation, New York, N. Y. Electron discharge device and assembly. 2,546,976, Apr. 3.
Clark, Verdelle, Presque Isle, Maine. Fish lure. 2,575,248, Nov. 13.
Clark, Vivian E., Forest Grove, Oreg. Gaff. 2,549,573, Apr. 17.
Clark, Warren H., Glendale, Calif., assigner to United Aircraft Products, Inc., Dayton, Ohio. Liquid pulsator system with pressure compensation. 2,544,134, Mar. 6.
Clark, William A., assignor to L. A. Young Spring & Wire Company, Detroit, Mich. Cushion assembly with auxiliary reinforcing spring. 2,568,055, Sept. 18.
Clark, William A. and R. G., Avondale, Auckland, assignors to Clarks Potteries Limited, Auckland, New Zealand. Earthenware pipe making machine. 2,554,011, May 22.
Clark, William A., and V. Asaro, assignors to L. A. Young Spring & Wire Corporation, Detroit, Mich. Upholstery covering attaching means. 2,567,550, Sept. 11.
Clark, William J.: *See*— Eaton, Bruce G., and Clark.
Clark, William R.: *See*— Stein, Irving M., Williams, and Clark.
Clark, William R., Seattle, Wash. Lawn sprinkler. 2,564,465, Aug. 14.
Clark, William W., assignor to Baker Perkins Inc., Saginaw, Mich. Machine for breaking sheets of crackers into rows. 2,555,916, June 5.
Clark, Willie V., Washington, D. C. Collapsible cabinet. 2,576,750, Nov. 27.
Clarke, Alick and H. D. Cottrell, Detroit, Mich. Loose-leaf binder. 2,575,583, Nov. 20.
Clarke, Arthur W., deceased; by E. M. L. Clarke, executrix, New Westminster, British Columbia, Canada. Fishing reel. 2,572,319, Oct. 23.
Clarke, Edgar W., Laurel Springs, N. J., assignor to The Atlantic Refining Company, Philadelphia, Pa. Solvent fractionation of wax-containing mixtures. 2,541,338, Feb. 13.
Clarke, Edgar W., Laurel Springs, N. J., assignor to The Atlantic Refining Company, Philadelphia, Pa. Solvent fractionation of wax-containing mixtures. 2,541,339, Feb. 13.
Clarke, Edgar W., Laurel Springs, N. J., assignor to The Atlantic Refining Company, Philadelphia, Pa. Solvent fractionation of wax-containing mixtures. 2,541,340, Feb. 13.
Clarke, Edgar W., Laurel Springs, N. J., assignor to The Atlantic Refining Company, Philadelphia, Pa. Solvent refining of wax-containing mixtures. 2,561,096, July 17.
Clarke, Edgar W., Laurel Springs, N. J., assignor to The Atlantic Refining Company, Philadelphia, Pa. Solvent fractionation of wax-containing mixtures. 2,578,510, Dec. 11.
Clarke, Edgar W., Laurel Springs, N. J., assignor to The Atlantic Refining Company, Philadelphia, Pa. Solvent fractionation of wax-containing mixtures. 2,578,511, Dec. 11.
Clarke, Edgar W., Laurel Springs, N. J., assignor to The Atlantic Refining Company, Philadelphia, Pa. Solvent fractionation of wax-containing mixtures. 2,578,512, Dec. 11.
Clarke, Edna M. L., executrix: *See*— Clarke, Arthur W.

Clarke, Edward J., Lima, Ohio. Pipe bowl cleaner. 2,557,077, June 19.
Clarke, Eileen M., Brooklyn, N. Y. Utility device for cooking receptacles. 2,549,170, Apr. 17.
Clarke, George A., Middletown, Conn., assignor of one-half to E. L. Moseley, Houston, Tex. Golf scorer. 2,561,498, July 24.
Clarke, Harold E., Three Rivers, assignor to Canadian International Paper Company, Montreal, Quebec, Canada. Roll wrapping machine. 2,564,594, Aug. 14.
Clarke, Harry R., Milburn, L. A. Elmer, Summit, A. Herckmans, Springfield, and O. L. Walter, Maplewood, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Finger-wheel operated call transmitter having larger number plate than finger wheel. 2,563,581, Aug. 7.
Clarke, John E.: *See*—
Boyd, Winnett, Kelk, and Clarke.
Clarke, John T.: *See*—
Devaney, Lawrence W., Clarke, and Culnane.
Clarke, Joseph V.: *See*—
Burd, Samuel I., and Clarke.
Clarke, Robert H., Nutley, N. J. Hydraulic automobile jack. 2,575,160, Nov. 13.
Clarke, Robert L.: *See*—
Lucas, Philip, Clarke, and Mooradian.
Clarke Sanding Machine Company, assignee: *See*—
Atkin, Kenneth C.
Clausen, De Witt.
Clarke, William C., Jr., Dundalk, Md., assignor to Armco Steel Corporation. High-temperature stainless steel. 2,536,033, Jan. 2.
Clarke, William C., Jr., Dundalk, Md., assignor to Armco Steel Corporation. High-temperature stainless steel. 2,536,034, Jan. 2.
Clarke, William C., Jr., Dundalk, Md., assignor to Armco Steel Corporation. High-temperature stainless steel. 2,540,509, Feb. 6.
Clarke, William C., Jr., Dundalk, Md., assignor to Armco Steel Corporation. Internal-combustion engine valve. 2,557,862, June 19.
Clarke, William W.: *See*—
Zademach, Erich R., and Clarke.
Clarks Potteries Limited, assignee: *See*—
Clark, William A. and R. G.
Clarkson, Alick, Itasca, assignor of one-half to Vapor Heating Corporation, Chicago, Ill. Gas burner assembly. 2,549,427, Apr. 17.
Clarkson, Alick, Itasca, assignor of one-half to Vapor Heating Corporation, Chicago, Ill. Boiler circulating system. 2,571,540, Oct. 16.
Clarkson, Robert J., Winnsboro, S. C., assignor to United States Rubber Company, New York, N. Y. Twisting strands together to form a ply construction. 2,550,136, Apr. 24.
Clarostat Mfg. Co., Inc., assignee: *See*—
Launey, Reuel O., Jr.
Mucher, George J.
Clarvan Corporation, assignee: *See*—
Clark, James L., and Horton.
Clary, Frank A., Jr., and G. N. Willis, Bristol, Conn., assignors to Johnson Steel & Wire Company, Inc., Worcester, Mass. Manufacture of stranded wire cables. 2,546,977, Apr. 3.
Clary, Harold F., assignee: *See*—
Baumé, Edwall J.
Clary Multiplier Corporation, assignee: *See*—
Boyden, Robert E.
Freeman, Nadine T., and Boyden.
Mark, Richard S., Schwend, and Stowell.
Schwend, Fred N., and Boyden.
Schwend, Fred N., and Petit.
Clary, Paul D., Jr.: *See*—
Peebles, David D., Clary, and Meade.
Clasen, John H.: *See*—
Evans, Russell T., and Clasen.
Evans, Russell T. and W. R., and Clasen.
Clatfelter, Homer C., Novi Township, Oakland County, Mich. Toolholder. 2,540,568, Feb. 6.
Claude, Charles J., St. Paul, Minn. Leaf scoop. 2,545,226, Mar. 13.
Claud-Mantle, Arthur, Trumbull, assignor to the Bassick Company, Bridgeport, Conn. Draft member and coupling means. 2,552,885, May 15.
Claud-Mantle, Arthur, Trumbull, assignor to The Bassick Company, Bridgeport, Conn. Hood latch. 2,567,662, Sept. 11.
Claus, Walter E., Milwaukee, Wis. Depth control hood mechanism for soil-working rotors. 2,558,822, July 3.
Claus, William H.: *See*—
Butridge, James H., and Claus.
Claus, William H., Downers Grove, Ill., assignor to The Union Switch and Signal Company, Swissvale, Pa. Railway signal control system. 2,564,778, Aug. 21.
Claus, William H., Downers Grove, Ill., assignor to Westinghouse Air Brake Company. Railway signal control system. 2,571,834, Oct. 16.
Clausen, De Witt, Akron, Ohio, assignor to Clarke Sanding Machine Company, Muskegon, Mich. Rotary floor polisher. 2,540,510, Feb. 6.
Clausen, Howard F.: *See*—
Walz, Claude W., and Clausen.
Clausen, Howard F., assignor to Deere & Company, Moline, Ill. Rod weeder. 2,556,416, June 12.
Clawson, John H., Schenectady, N. Y., assignor to General Electric Company. Electric heating apparatus. 2,542,629, Feb. 20.
Clausen, Robert, Elizabeth, N. J. Clothes hanger. 2,552,842, May 15.
Clauser, Herbert C. and R. S. Long, assignors to The Kilgore Manufacturing Company, Westerville, Ohio. Pyrotechnic device. 2,548,946, Apr. 17.
Clausing, Henry G., Portsmouth, assignor to Vulcan Corporation, Cincinnati, Ohio. Shoe last hanger. 2,565,593, Aug. 28.
Clausing, Leroy M. E., Chicago, Ill. Fluorography. 2,560,085, July 10.
Clauss, Robert K., Weissport, Pa. Divider wall for firebox grates. 2,556,750, June 12.
Clavé, Marcel: *See*—
Clavé, Serge and M.
Clavé, Serge and M., Paris, France. Optical image erecting system and mounting therefor. 2,558,236, June 26.
Claveloux, Francis J., Washington, D. C. Window. 2,561,907, July 24.
Clavier, André G.: *See*—
Clark, Trevor H., Clavier, and Rostas.
Clawitter, Raymond G.: *See*—
Spears, Estes O., and Clawitter.
Clawson, Lewis F., Jr., Ramona, Calif. Haircutting device. 2,558,073, June 26.
Claxton, Harry L., Los Angeles, Calif. Hinge leaf structure. 2,543,437, Feb. 27.
Clay, John P., and H. B. Elkins, United States Army, assignors to the United States of America as represented by the Secretary of War. Smoke agent. 2,574,466, Nov. 13.
Clay, Murray G., Chicago, Ill. Unified excavator control system. 2,536,724, Jan. 2.
Clay, Murray G., River Forest, Ill. Cooking equipment. 2,552,621, May 15.
Clay, Murray G., River Forest, and C. J. Scanlan, Chicago, Ill., assignors, by mesne assignments, to Pettibone Mulliken Corporation. Vertical axis ring and wheel mill. 2,564,096, Aug. 14.
Clay, Royce W.: *See*—
Morgan, Erving B., and Clay.
Clayborne, Norman F., Chicago, Ill. Cleaning apparatus for loading, rotating, and spraying heavy workpieces. 2,580,344, Dec. 25.
Claybourn, Carlton C.: *See*—
Claybourn, Leslie W. and C. C., and Franzen.
Claybourn, Glen L., Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Battery truck for metal-clad switchgears. 2,539,184, Jan. 23.
Claybourn, Glen L., and P. Kocsis, Jr., Pittsburgh, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Outdoor metal-clad switchgear. 2,554,240, May 22.
Claybourn, Glen L., and P. Kocsis, Jr., Pittsburgh, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Interlocking mechanism for metal enclosed switchgears. 2,558,074, June 26.
Claybourn, L. W., Inc., assignee: *See*—
Claybourn, Leslie W. and C. C., and Franzen.
Claybourn, Leslie W. and C. C., and P. R. Franzen, assignors to L. W. Claybourn, Inc., Chicago, Ill. Multicolor printing press. 2,538,353, Jan. 16.
Claybourn, Leslie W. and C. C., and P. R. Franzen, assignors to L. W. Claybourn, Inc., Chicago, Ill. Bed and cylinder multicolor printing. 2,561,908, July 24.
Claypool, Don H., Mansfield, Ohio. Automatic stabilizer for tractors. 2,540,653, Feb. 6.
Clayton, Albert J., Dalton, Mo. Mail handling apparatus. 2,544,656, Mar. 13.
Clayton, Alfred B.: *See*—
Iknayan, Alfred N., and Clayton.
Clayton Aniline Company Limited, assignee: *See*—
Schedler, Jack A., and Whalley.
Clayton, Benjamin, assignee: *See*—
Taub, Abraham.
Clayton, Fred L., Washington, D. C. Quick release animal harness. 2,555,027, May 29.
Clayton, James O.: *See*—
Stewart, William T., and Clayton.
Clayton, John C.: *See*—
Hems, Benjamin A., and Clayton.
Clayton, Joseph, New York, N. Y. Tensioning drive device. 2,545,193, Mar. 13.
Clayton Manufacturing Company, assignee: *See*—
Arant, Perry.
Cline, Edwin L.
Griswold, Donald G.
Clayton Mark & Company, assignee: *See*—
Malm, Royal D.
Clayton, Mary A., Belmar, N. J. Animal trap. 2,555,677, June 5.
Clayton, Max L., Iberia, La., assignor to Shell Development Company, San Francisco, Calif. Rotary washover shoe. 2,577,605, Dec. 4.
Clayton, William, assignor to Associated Spring Corporation, Bristol, Conn. Cartridge guide and stop for machine guns. 2,545,068, Mar. 13.
Clayton, William L., Harmony, Pa. Bearing cooling device. 2,549,171, Apr. 17.

Claytor, Edward M., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Automotive electrical system. 2,558,643, June 26.
Claytor, Edward M., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Automotive electrical system. 2,558,644, June 26.
Cleaners Hanger Company, assignee: *See*—
Simmons, Stanley.
Clearing Machine Corporation, assignee: *See*—
Glasner, Rudolph W., and Johansen.
Johansen, Einar K.
Johansen, Einar K., and Glasner.
Nowak, Alois K.
Schultz, Alfred W.
Ward, William E.
Cleary, Francis P., assignee: *See*—
Williams, Platt S.
Cleary, W. A., Corporation, assignee: *See*—
Sartoretto, Paul A.
Cleaver-Brooks Company, assignee: *See*—
Cleaver, John C., McBean and Resek.
Cleaver, John C., and J. V. Resek, Milwaukee, Wis., and D. M. McBean, Rochester, N. Y., assignors to Cleaver-Brooks Company. Engine driven vapor compression still. 2,537,259, Jan. 9.
Cleaver, Richard F., London, England, assignor to International Standard Electric Corporation, New York, N. Y. Radio direction finding system. 2,547,622, Apr. 3.
Cleaver, William H., Audubon, assignor to Samuel M. Langston Co., Camden, N. J. Sheet delivery control for cutoff mechanisms. 2,561,097, July 17.
Cleemann, Jorgen O., Copenhagen, Denmark, assignor, by mesne assignments, to Separation Process Company, Catasauqua, Pa. Separation of mineral mixtures. 2,571,835, Oct. 16.
Cleeton, Claud E.: *See*—
Krause, Ernst H., and Cleeton.
Cleeton, Claud E., Washington, D. C. Producing a variable number of pulses. 2,536,035, Jan. 2.
Cleeton, Claud E., Washington, D. C. Pulse discriminator system. 2,541,038, Feb. 13.
Cleeton, Claud E., Washington, D. C. Double pulse generator. 2,541,986, Feb. 20.
Cleeton, Claud E., Washington, D. C. Pulse discriminating apparatus. 2,549,776, Apr. 24.
Clegg, Douglas: *See*—
Ryan, John J., and Clegg.
Cleghorn, Andrew C., Willows, Calif. Powered carrier. 2,567,423, Sept. 11.
Cleghorn, Thomas J.: *See*—
Clement, Homer A., and Cleghorn.
Cleland, James E., Granite City, and E. Henke, Collinsville, Ill., assignors to Union Starch & Refining Company, Columbus, Ind. Producing protein hydrolysis product. 2,538,898, Jan. 23.
Cleland, James E., and A. L. Meyer, Granite City, Ill., assignors to Union Starch & Refining Company, Columbus, Ind. High dextrin dextrose process. 2,571,541, Oct. 16.
Clelland, Charles W., Columbus, Ohio. Filling machine for bakery products. 2,551,419, May 1.
Clem, Everett W., Shrewsbury, assignor to Rice Barton Corporation, Worcester, Mass. Lump-breaker roll for papermaking machines. 2,550,774, May 1.
Clem, Everett W., Shrewsbury, assignor to Rice Barton Corporation, Worcester, Mass. Papermaking machine flow box. 2,550,776, May 1.
Clem, Everett W., Shrewsbury, assignor to Rice Barton Corporation, Worcester, Mass. Slitting mechanism. 2,571,201, Oct. 16.
Clemence, Le Roy W., Highland Park, and M. T. Leffler, Lake Bluff, assignors to Abbott Laboratories, North Chicago, Ill. Alkenylene bisisothiouronium compounds. 2,545,876, Mar. 20.
Clemens, George S., Evanston, Ill. Timer construction. 2,553,846, May 22.
Clemens, Günter, Hamburg-Nienstedten, and E. Westenfelder, Hamburg-Fuhlsbuttel, Germany, assignors to Standard Oil Development Company, Elizabeth, N. J. Apparatus for the production of air foam and air foam fire-extinguishing installations. 2,577,451, Dec. 4.
Clemens, Harold S., and R. E. Thomas, Newburgh, N. Y., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacturing embossed vinyl resin film. 2,566,982, Sept. 4.
Clemens, Milton: *See*—
Von Bramer, Harold, Magoffin, and Clemens.
Clemens, Petrus J., Antwerp, Belgium, assignor to International Standard Electric Corporation, New York, N. Y. Adaptable repeater in teleprinter switching system. 2,557,943, June 26.
Clement, Alexander L., South Hadley Falls, Mass. Planter. 2,560,086, July 10.
Clement, Frank L., and C. W. Watson, Minden, La. Winch-lift trailer. 2,542,795, Feb. 20.
Clement, George A., assignor to General Optical Company, Inc., Mount Vernon, N. Y. Apparatus for grinding lenses. 2,545,447, Mar. 20.
Clement, George A., assignor to General Optical Company, Inc., Mount Vernon, N. Y. Apparatus for grinding lenses. 2,545,448, Mar. 20.
Clement, George P., New York, N. Y., assignor to Worthington Pump and Machinery Corporation, Harrison, N. J. Cold process water softener. 2,571,421, Oct. 16.
Clement, Homer A., Chelmsford, and T. J. Cleghorn, Lowell, Mass. Ice-cream cone carrier and carrier support. 2,567,054, Sept. 4.
Clement, Marcel R., Montreuil, and D. E. Germain, Paris, France. Draw plate. 2,578,229, Dec. 11.
Clements, Arthur L.: *See*—
McKay, Neil S., Clements, and Hicks.
Clements, Francis S., and A. R. Raper, London, England, assignors to The International Nickel Company Incorporated, New York, N. Y. Purification of rhodium. 2,552,709, May 15.
Clements, George T., Detroit, Mich. Window construction. 2,576,777, Nov. 27.
Clements, Louis E., Baltimore, and G. F. Mogavero, Landsdowne, Md. Handsaw attachment. 2,536,422, Jan. 2.
Clements, MacMillan, Southport, Conn. Building construction. 2,542,859, Feb. 20.
Clements, MacMillan, Southport, Conn. Edge construction. 2,542,860, Feb. 20.
Clements, MacMillan, Southport, Conn. Structural panel. 2,557,412, June 19.
Clements, William A.: *See*—
Baldwin, Donald W., Thompson, and Clements.
Clements, William A., Glendale, Calif. Ceramic dryer. 2,558,338, June 26.
Clemetson, Cornelius B.: *See*—
Cargile, Neil H., Clemetson, and Nelson.
Clemmens, Herbert, assignee: *See*—
Lühn, Oskar.
Clemmons, Herbert D., Sturgis, Mich., assignor to Scovill Manufacturing Company, Waterbury, Conn. Flush valve. 2,546,213, Mar. 27.
Clemons, Clement W.: *See*—
Graham, Maurice H., and Clemons.
Clemons, Dale R., Riverside, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Dispenser for pressure-sensitive adhesive tape. 2,551,363, May 1.
Clemons, Leslie C., Dayton, Ohio. Christmas tree kit. 2,556,360, June 12.
Clemson Agricultural College of South Carolina, assignee: *See*—
Brown, Hugh M.
Clemson Bros., Inc., assignee: *See*—
Clemson, Richard D.
Clemson, Richard D., assignor to Clemson Bros., Inc., Middletown, N. Y. Saw frame. 2,553,300, May 15.
Clendening, Lloyd E., Santa Monica, Calif. Bracelet with strap attachment. 2,563,818, Aug. 14.
Clennett, George: *See*—
Wood, William S., and Clennett.
Clensos, Steven, Los Angeles, Calif. Detergent for removing skin adherents and the like. 2,539,531, Jan. 30.
Clentimack, George E., Plainville, assignor to Draper Corporation, Hopedale, Mass. Warp letoff mechanism. 2,539,295, Jan. 23.
Clentimack, George E., Plainville, assignor to Draper Corporation, Hopedale, Mass. Warp letoff mechanism. 2,539,296, Jan. 23.
Clerc, Leonard F., Detroit, Mich. Adjustable bed. 2,550,224, Apr. 24.
Clerc, Leonard F., Nutley, N. J. Rotary compressor. 2,562,698, July 31.
Clerk, Edouard, Saint Hilaire, Quebec, Canada. Window. 2,570,523, Oct. 9.
Clerk, Edouard, Saint Hilaire, Quebec, Canada. Sash construction. 2,575,655, Nov. 20.
Clerk, Robert C., Richmond, England. Rotary turbine-type hydrokinetic coupling. 2,570,768, Oct. 9.
Cleveland Automatic Machine Company, The, assignee: *See*—
Jelinek, Alfred F.
Watcher, Albert K., and Dulaney.
Cleveland Crane & Engineering Company, The, assignee: *See*—
Wehr, William G.
Cleveland-Detroit Corporation, assignee: *See*—
Grier, John A.
Stewart, James E.
Waite, Charles C.
Waite, Charles C., and Bender.
Cleveland, Donald L.: *See*—
Peery, Norman E., Cleveland, and Hatton.
Cleveland Electric Motor Company, The, assignee: *See*—
Madden, Joseph P.
Cleveland Hobbing Machine Company, The, assignee: *See*—
Carlin, Theodore F.
Staples, Otis E.
Cleveland Patents, Incorporated, assignee: *See*—
Hickok, Robert D.
Hickok, Robert D., and Weiss.
Cleveland Pneumatic Tool Company, The, assignee: *See*—
Engeln, John H., Lehman, and Speth.
Rusnov, Peter.
Van Sittert, Paul, Garrett, Engeln.
Cleveland Punch & Shear Works Co., The, assignee: *See*—
Weiland, John N.
Cleveland, Ralph E., Los Angeles, Calif. Golf bag attached article carrier. 2,536,725, Jan. 2.
Cleveland Research Corporation, The, assignee: *See*—
Swenson, Paul F., and Pravda.

Cleveland Steel Products Corporation, assignee: *See*— Slaght, William W.
Cleveland Trust Company, The, trustee, assignee: *See*— Newton Frederick.
Cleveland Twist Drill Company, The, assignee: *See*— Smith, Norman A.
Cleveland Welding Company, The, assignee: *See*— Kranz, Harry W. Mueller, Homer L.
Cleveland Wire Spring Company, assignee: *See*— Sjolander, John L.
Cleverdon, Desmond: *See*— Staudinger, Johann J. P., and Cleverdon.
Clevett, Wallace G., Portland, Oreg. Padlock shield and shielded padlock assembly. 2,541,638, Feb. 13.
Clewell, Dayton H., Dallas, Tex., assignor, by mesne assignments, to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Pressure measuring device. 2,548,947, Apr. 17.
Clewell, Dayton H., Dallas, Tex., assignor, by mesne assignments, to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Frequency-adjustable seismic wave detector. 2,562,983, Aug. 7.
Clewell, Willard S.: *See*— Bratthauer, Clifford C., Gallagher, and Clewell.
Click, Aubrey H., Dallas, Tex. Unitary clamp for multiple surfaces in frictional engagement. 2,538,640, Jan. 16.
Click, Russell L., Chillicothe, Ohio. Carburetor-valve controlling mechanism. 2,537,444, Jan. 9.
Clifcorn, Le Verne E., Elmhurst, Ill., assignor to Continental Can Company, Inc., New York, N. Y. Aseptic canning. 2,575,863, Nov. 20.
Cliffe, Joseph S., Ladysmith, British Columbia, Canada Bunk stake for logging trucks and railroad cars. 2,559,007, July 3.
Clifford, Albert M., Stow, assignor to Wingfoot Corporation, Akron, Ohio. Pyridyl substituted ketones. 2,579,419, Dec. 18.
Clifford, Alfred T.: *See*— Cassel, Norman S., and Clifford.
Clifford, Cecil F., assignor to Horstmann Clifford Magnetics Ltd., Bath, England. Escapement mechanism. 2,554,523, May 29.
Clifford, Cecil F., Bath, England. Magnetic escapement counting and like mechanism. 2,571,085, Oct. 9.
Clifford, Donald F., assignee: *See*— Andersen, Elmer E.
Clifford, Earle A.: *See*— Anderson, Eric M., Kelley, and Clifford.
Clifford, Floyd, Gloversville, N. Y. Wine service tray. 2,544,824, Mar. 13.
Clifford, Harry W., East Orange, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Notching and embossing punch and die. 2,570,919, Oct. 9.
Clifford, John K., Coronado, Calif., assignor of one-half to W. Clifford. Tire inflating device. 2,575,908, Nov. 20.
Clifford, Theodore A., Chicago, Ill. Garment. 2,570,428, Oct. 9.
Clifford, Walter, assignee: *See*— Clifford, John K.
Clifford, Walter B., and R. R. Walton, Boston, Mass. Process and apparatus for molding sheet materials. 2,565,949, Aug. 28.
Clift, Mortimer A., Great Neck, assignor to Nichols Engineering & Research Corp., New York, N. Y. Apparatus for incinerating waste material. 2,577,000, Dec. 4.
Clifton, Frank L.: *See*— Phillips, William M., and Clifton.
Clifton, John R., Inglewood, and S. R. Parker, Los Angeles, assignors to Northrop Aircraft, Inc., Hawthorne, Calif. Sequence control for landing gears. 2,552,843, May 15.
Clifton, Robert P., Dearborn, assignor to Packard Motor Car Company, Detroit, Mich. Transmission mechanism. 2,564,466, Aug. 14.
Clifton, Robert P., Dearborn, assignor to Packard Motor Car Company, Detroit, Mich. Rotary hydraulic coupling. 2,577,404, Dec. 4.
Climax Machinery Company, assignee: *See*— Brinson, Merrill. Fuller, Martin H.
Climax Molybdenum Company, assignee: *See*— Bens, Frederick P., Ham, and Parke. Linz, Arthur.
Climax Uranium Company, assignee: *See*— Burwell, Blair.
Cline, Charles W., Jacobsburg, Ohio. Commode cabinet. 2,564,779, Aug. 21.
Cline, Delbert C., Silver Lake Village, assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Rubbery mixture of butadiene-styrene copolymer and polybutadiene. 2,560,031, July 10.
Cline, Earl E.: *See*— Mueller, Robert H., and Cline.
Cline, Earl E., and F. Tratzik, assignors to Mueller Co., Decatur, Ill. Valve. 2,556,904, June 12.
Cline, Edwin L., Pasadena, assignor to Clayton Manufacturing Company, Alhambra, Calif. Engine adapter and support. 2,565,473, Aug. 28.
Cline, Elmer F., Skippers, Va. Cable guard for winch assemblies. 2,549,172, Apr. 17.
Cline, Lester W.: *See*— Ziskin, Manuel S., and Cline.
Cline, Melvin H., assignor to Eiseman and Company, Chicago, Ill. Toilet kit. 2,556,066, June 5.
Cline, Ralph L., Hickory, N. C. Adjustable stringer mold for concrete steps. 2,548,703, Apr. 10.
Cline, Theodore W., Bakersfield, Calif. Bulk granular material transporting vehicle. 2,545,766, Mar. 20.
Cline, Truman H.: *See*— Walton, Arthur K., and Cline.
Cline, Truman H., Newark, Ohio, assignor to Sears, Roebuck and Co., Chicago, Ill. Warming oven. 2,566,553, Sept. 4.
Clinefelter, James C., Akron, Ohio. Treating plastic materials such as rubber. 2,576,444, Nov. 27.
Clinehens, Elmo D., Penn Township, St. Joseph County, Ind. Bottle holder. 2,552,844, May 15.
Clingan, Irvine C., Baltimore, Md., assignor, by mesne assignments, to Armco Steel Corporation. Coating stainless steel. 2,537,035, Jan. 9.
Clingman, William H., Grand Rapids, Mich., assignor to The Weiman Company, Rockford, Ill. Folding top extension table. 2,555,957, June 5.
Clinton, Raymond O., Albany County, N. Y., assignor to Sterling Drug Inc., Wilmington, Del. N-(tertiary-aminoalkylmercaptoalkyl) diphenyl-acetamides and their preparation. 2,555,917, June 5.
Clippard Instrument Laboratories, Inc., assignee: *See*— Frommer, Joseph C.
Clocker, Edwin T.: *See*— Konen, James C., and Clocker.
Clokey, John W., Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Dynamoelectric machine. 2,575,705, Nov. 20.
Cloninger, William M., Compton, Calif. Colostomy apparatus. 2,536,036, Jan. 2.
Clopay Corporation, assignee: *See*— Thexton, Arthur L.
Clopton, Mortimer L., Los Angeles, Calif. Indicating mechanism. 2,542,235, Feb. 20.
Clos, Charles, Middle Village, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electromagnetic motor. 2,558,540, June 26.
Close, Richard N., Boston, Mass., assignor, by mesne assignments, to the United States of America as represented by the Secretary of War. Bombsight computer. 2,576,331, Nov. 27.
Closson, Rex D.: *See*— McDyer, Thelma W., and Closson.
Cloud, Raymond T., assignor to North American Geophysical Company, Houston, Tex. Component resolver for mapping apparatus. 2,544,587, Mar. 6.
Cloud, Raymond T., assignor to Stanolind Oil and Gas Company, Tulsa, Okla. Pendulum compensator. 2,577,875, Dec. 11.
Cloud, William S., Wilmette, Ill. Method and apparatus for preparing and using sheet material for packaging purposes. 2,546,059, Mar. 20.
Clough, Charles A., Massillon, R. T. Trier, North Canton, and R. D. Murphy, assignors to The Superior Switchboard & Devices Company, Canton, Ohio. Parking meter coin discharge guiding construction. 2,570,920, Oct. 9.
Clough, Minnie, Kansas City, Mo. Pie and cake pan. 2,570,524, Oct. 9.
Clough, Philip J., Reading, R. S. Morse, Waban, E. G. Hellier, Medfield, and R. A. Stauffer, Weston, assignors to National Research Corporation, Cambridge, Mass Food product. 2,573,406, Oct. 30.
Clousing, Lawrence A., Los Altos, and L. M. Tint, Palo Alto, Calif. Air-speed measuring device. 2,536,037, Jan. 2.
Clover Industries, Inc., assignee: *See*— Henderson, Harold P., and Kaplan.
Cloverdale Spring Company, assignee: *See*— Boyles, Frank M.
Cloverleaf-Freeland Corporation, assignee: *See*— Miller, William H.
Club Aluminum Products Co., assignee: *See*— Pashby, Robert W.
Cluett, Peabody & Co., Inc., assignee: *See*— Dwyer, Joseph P. Epelberg, Jack, and Pemrick. Gannon, John J., Fiscella, Powell, and Bramfitt.
Clugh, Paul C.: *See*— Byers, Clifton A., and Clugh.
Clutier, Guy, Paris, and M. Assada, Villefranche-sur-Saone, France. Sound recording and reproducing. 2,561,181, July 17.
Clutz, Charles W., assignor to Eastman Kodak Company, Rochester, N. Y. Web feeding apparatus. 2,541,013, Feb. 13.
Cluwen, Johannes M.: *See*— Buys, Pieter K., and Cluwen.
Clybourne Machine Corporation, assignee: *See*— Tellfors, Herbert G.
Clyde Cutlery Co., assignee: *See*— Sloan, Joseph W.
Clyde, Martin, Chicago, Ill. Antisnoring device. 2,574,623, Nov. 13.
Clymer, Harold A., Southhampton, and D. R. MacDonnell, Wayne, assignors to Smith, Kline & French Laboratories, Philadelphia, Pa. Enteric coating. 2,540,979, Feb. 6.

Clyne, Joseph, Bronx, N. Y., assignor, by mesne assignments, to Flexsleev, Inc. Sleeved garment. 2,554,940, May 29.
Clyne, Joseph, Bronx, N. Y. Rain- and slushproof garment. 2,571,202, Oct. 16.
Clyne, Robert E., Monroe Township, Miami County, Ohio. Mutilated gearing. 2,536,909, Jan. 2.
Coach & Car Equipment Corporation, assignee: *See*— Hollis, Edward W.
Coake, Charles F., Indianapolis, assignor to Senn Corporation, New Augusta, Ind. Vibrator. 2,578,640, Dec. 11.
Coakley, John D., Cos Cob, Conn. Comparator device. 2,551,364, May 1.
Coakley, Lige: *See*— Glow, Arthur E., and Coakley.
Coan, Robert L., Dana, assignor, by mesne assignments, to Knoedler Manufacturers, Inc., Streator, Ill. Reversing and direct drive mechanism for a pair of shafts. 2,538,933, Jan. 23.
Coast Metals, Inc., assignee: *See*— Cape, Arthur T., and Foerster.
Coates, Arnold C., Hillingdon, and L. Saunders, Loudwater, assignors to The British Aluminum Company Limited, London, England. Manufacture of aluminum alkoxides. 2,579,251, Dec. 18.
Coates, Gilbert C., Redlands, Calif. Garden tractor. 2,572,109, Oct. 23.
Coates, Robert R.: *See*— Bremner, John G. M., Jones, and Coates.
Coats, Edward K.: *See*— Haber, Bernard D., and Coats.
Coats, William F., assignor of one-half to H. S. McCoy, Tulsa, Okla. Hose reel. 2,571,012, Oct. 9.
Cobb, Clifton A., University City, assignor to Missouri Automatic Control Corporation, St. Louis, Mo. Temperature sensitive device for ice bank controllers. 2,561,437, July 24.
Cobb, Cully A., Jr., and F. D. Ingraham, Brookline, Mass., assignors to The Children's Hospital. Sterilizable camera casing and focusing means for surgical photography. 2,537,303, Jan. 9.
Cobb, Harold E., Aurora, and W. C. Furnas, Batavia Township, Kane County, assignors to Furnas Electric Company, Batavia, Ill. Push-button electric switch. 2,550,777, May 1.
Cobb, Harold W., Baltimore, Md., assignor, by mesne assignments, to Armco Steel Corporation. Electrolytic surface treatment of steel. 2,542,994, Feb. 27.
Cobb, Leland D.: *See*— Goodwin, Karl P., and Cobb.
Cobb, Leland D., Forestville, Conn., assignor to General Motors Corporation, Detroit, Mich. Antifriction bearing. 2,550,911, May 1.
Cobb, Thomas S., Fort Lauderdale, Fla. Bed frame spring stabilizer. 2,542,904, Feb. 20.
Cobb, William F., Utica, N. Y. Adjustable gun sight. 2,561,909, July 24.
Cobean, Richard W., West Allis, Wis., and H. J. Holmquest, Oak Park, Ill., assignors to General Electric Company. Protection system. 2,571,013, Oct. 9.
Cobel, Ray C., assignor to A. H. Heisey & Company, Newark, Ohio. Straightening stems of glassware. 2,553,358, May 15.
Coberly, Clarence J., Los Angeles, Calif., assignor, by mesne assignments, to Dresser Equipment Co., Cleveland, Ohio. Fluid-operated pump system with parallel tubing. 2,568,320, Sept. 18.
Coberly, Clarence J., Los Angeles, Calif., assignor, by mesne assignments, to Dresser Equipment Co., Cleveland, Ohio. Fluid operated pumping device. 2,571,836, Oct. 16.
Coberly, Clarence J., Los Angeles, Calif., assignor, by mesne assignments, to Dresser Equipment Company, Cleveland, Ohio. Fluid operated pump with shock absorber. 2,576,923, Dec. 4.
Coberly, Clarence J., Los Angeles, Calif., assignor, by mesne assignments, to Dresser Equipment Company, Cleveland, Ohio. Fluid operated pump with hydraulic shock absorber. 2,576,924, Dec. 4.
Cobert, Arthur J., assignor of one-half to Bryan F. F. Mills, Inc., Chattanooga, Tenn. Jack head for flat knitting machines. 2,579,649, Dec. 25.
Cobert, Joseph K., Sherbrooke, Quebec, Canada. Yarn measuring machine. 2,559,113, July 3.
Cobi, Walter H., New York, assignor of one-half to J. J. Dougherty, St. Albans, N. Y. Shoe or tip for wooden piles. 2,562,860, July 31.
Cobine, James D., Schenectady, N. Y., assignor to General Electric Company. Inert gas arc welding electrode. 2,540,811, Feb. 6.
Cobourn, Delbert F., Portsmouth, Ohio, assignor to The Union Switch and Signal Company, Swissvale, Pa. Control of hump and trimmer signals for classification yards. 2,559,401, July 3.
Coburn, William K., Cambridge, assignor to Serdex, Inc., Boston, Mass. Meteorological instrument. 2,554,440, May 22.
Coby, William L., Tulsa, Okla. Window blind. 2,579,905, Dec. 25.
Coca-Cola Bottling Works Co., assignee: *See*— Radcliffe, George E.
Coca-Cola Company, The, assignee: *See*— Copping, Bruce G.
Cocchiarella, Otell M.: *See*— Smith, Edmund G., and Cocchiarella.
Cochin, John D., San Francisco, Calif. Vehicle axle support. 2,540,428, Feb. 6.
Cochin, John D., San Francisco, Calif. Control valve mechanism. 2,574,624, Nov. 13.
Cochnar, Frank J., Dorchester, Nebr. Land measuring device. 2,571,682 Oct. 16.
Cochran, Charles R., Chicago, Ill. Pin curl clip. 2,577,452, Dec. 4.
Cochran, Clarence W., Belmont, Mass. Container for disposable tissues. 2,566,016, Aug. 28.
Cochran, Emiliene, executrix, assignee: *See*— Cochran, Russell W.
Cochran, Francis R., Wilmington, Del. Flush valve system. 2,543,438, Feb. 27.
Cochran, Henry C., Oakland, Calif. Center and eccentric point marker. 2,559,280, July 3.
Cochran, Hewitt, executor: *See*— Ionides, Margaret L., and Siple.
Cochran, Jacqueline, Indio, Calif. Luggage case having a removable lining. 2,574,089, Nov. 6.
Cochran, John K., Conyngham, assignor to The Duplan Corporation, Hazleton, Pa. Apparatus for spinning and twisting textile yarns. 2,541,746, Feb. 13.
Cochran, John K., Conyngham, assignor to The Duplan Corporation, Hazleton, Pa. Apparatus for controlling yarn tension. 2,552,150, May 8.
Cochran, John K., Conyngham, assignor to The Duplan Corporation, Hazleton, Pa. Stop mechanism for yarn spinning machines. 2,557,783, June 19.
Cochran, John K.,Conyngham, assignor to The Duplan Corporation, Hazleton, Pa. Yarn take-up disk for double twist spindles. 2,560,848, July 17.
Cochran, John K., Conyngham, assignor to The Duplan Corporation, Hazleton, Pa. Apparatus for spinning and twisting textile yarns. 2,578,513, Dec. 11.
Cochran, Roy L.: *See*— Worsham, Irvin L.
Cochran, Russell W., deceased; E. Cochran, executrix, assignor to E. Cochran, Aliquippa, Pa. Fault indicating system for control circuits. 2,576,574, Nov. 27.
Cochrane Corporation, assignee: *See*— Joos, Charles E., and Kittredge.
Cochrane, William R., assignee: *See*— McNabb, Walter J.
Cockbain, Ernest G.: *See*— Fordham, Stanley, and Cockbain.
Cockbain, Ernest R.: *See*— Meers, Cockbain, and Probert.
Cocker Machine and Foundry Company, assignee: *See*— Rea, Thomas K.
Cockerill, Gerald I., Cleveland Heights, and R. L. Archbold, Euclid, assignors to The Apex Electrical Manufacturing Co., Cleveland, Ohio. Combined washer and extractor. 2,574,170, Nov. 6.
Cockerille, Frank O., Greenwood, Va., assignor to Ciba Pharmaceutical Products, Incorporated, Summit, N. J. Catalytic chloromethylation of aromatic compounds. 2,541,408, Feb. 13.
Cockrell, William D., Schenectady, N. Y., assignor to General Electric Company. Spot detector recorder. 2,547,623, Apr. 3.
Codd, William A., Rochester, N. Y., assignor to Stromberg-Carlson Company. Telephone transmitter. 2,562,526, July 31.
Coddington, Samuel H., Detroit, and W. Merry, River Rouge, Mich. Edging machine. 2,578,337, Dec. 11.
Codiga, Stephen M., Monterey, Calif. Milk can punch. 2,578,462, Dec. 11.
Codling, Eldred P., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Motor control. 2,579,066, Dec. 18.
Codman, F. L., & J. C., Company, assignee: *See*— Hall, Elisha W., and Rock.
Cody, Therald E., Mansfield, Ohio. Flight data calculator for airplanes. 2,551,997, May 8.
Coe, George B., Upper Montclair, N. J., assignor to Tube Reducing Corporation, Stamford, Conn. Reducing mill drive. 2,560,934, July 17.
Coe, Harry D., Jr., and J. B. Dym, Pittsburgh, Pa. Finishing workpieces of irregular shapes. 2,575,656, Nov. 20.
Coe, Mayne R., Washington, D. C., assignor to Rile-Coe Filter Process, Inc., Pinehurst, N. C. Liquid coating composition for the selective transmission of light. 2,546,724, Mar. 27.
Coe, Mayne R., Jr., Riverdale Heights, Md. Shrinkproofing wool. 2,548,774, Apr. 10.
Coe, Mayne R., Jr., Washington, D. C. Shrinkproofing of wool. 2,562,603, July 31.
Coe, Richard E., assignor to The Electric Furnace Company, Salem, Ohio. Fuel mixing apparatus. 2,536,678, Jan. 2.
Coel, Leo, assignor to Holland-Rantos Company, Inc., New York, N. Y. Diaphragm introducer. 2,548,775, Apr. 10.
Coen Company, The, assignee: *See*— Voorheis, Joseph T.
Coes, Loring, Jr., Brookfield, assignor to Norton Company. Worcester, Mass. Composition for filling the pores of salts of chloromethyl derivatives of vat dyestuffs and making same. 2,544,825, Mar. 13.

Coeterier, Frederik, Eindhoven, Netherlands, assignor to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Electron tube system of the velocity modulation type. 2,538,669, Jan. 16.
Coeur, Mel, Galveston, Tex. Trailer with hydraulic lift. 2,540,100, Feb. 6.
Coffed, Earl J., Depew, N. Y. Latch mechanism for folding table leg assembly. 2,575,942, Nov. 20.
Coffee, Henry S., Salem, Va. Hydraulically operated vehicle loader. 2,564,250, Aug. 14.
Coffeen, William W., Union, N. J., assignor to Metal & Thermit Corporation, New York, N. Y. Opacifier for vitreous enamels and making. 2,558,932, July 3.
Coffer, Walter W., Jr., Houston, Tex. Diamond setting block device. 2,556,067, June 5.
Coffey, Charles A., and E. B. Lukas, Chicago, Ill., assignors to The Sherwin-Williams Co., Cleveland, Ohio. Treatment of conjugated oils. 2,566,169, Aug. 28.
Coffey, Irven E., assignor to Carter Carburetor Corporation, St. Louis, Mo. Pump diaphragm assembly. 2,567,055, Sept. 4.
Coffey, Irven E., assignor to Carter Carburetor Corporation, St. Louis, Mo. Lubricating rubber during vulcanization. 2,569,151, Sept. 25.
Coffey, J. W., assignee: *See*—
Barnes, Cecil R.
Coffey, John J., Rutherford, N. J. Quick adjusting traction device for vehicle wheels. 2,561,910, July 24.
Coffey, Joseph F., assignor to Standard Oil Company, Chicago, Ill. Hydrogen manufacture. 2,538,235, Jan. 16.
Coffey, Samuel, N. H. Haddock, F. Lodge, J. Wardleworth, and C. Wood, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited. Addition grinding wheels and wheels filled therewith. 2,544,641, Mar. 13.
Coffey, Samuel, D. A. W. Fairweather, F. Lodge, and J. Wardleworth, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited. Halomethyl derivatives of acedianthrones and preparing the same. 2,559,596, July 10.
Coffey, Samuel, F. Lodge, and J. Wardleworth, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited. Halomethyl derivatives of dibenzanthrone, isodibenzanthrone and chlorodibenzanthrone, and preparing the same. 2,559,597, July 10.
Coffey, Samuel, D. A. W. Fairweather, D. E. Hathway, and F. H. Slinger, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited. Dyestuffs. 2,563,819, Aug. 14.
Coffey, Thomas H., assignee: *See*—
Cummins, Harry D.
Coffin, David D., Newton Highlands, and B. L. Cook, Medford, assignors to Raytheon Manufacturing Company, Newton, Mass. Electrical circuit. 2,546,181, Mar. 27.
Coffin, Everett D.: *See*—
Rogers, William B., and Coffin.
Coffin, John M., Silver Spring, Md. Garment hanger and attachment therefor. 2,574,860, Nov. 13.
Coffing, Fredrick W., Danville, Ill. Collar and tie device. 2,545,020, Mar. 13.
Coffing, Fredrick W., Danville, Ill. Detachable handle lock. 2,546,387, Mar. 27.
Coffing, Fredrick W., Danville, Ill. Mooring device. 2,550,913, May 1.
Coffing, Fredrick W., assignor to Coffing Hoist Company, Danville, Ill. Support for hoist, jack, and wire stretcher. 2,556,417, June 12.
Coffing, Fredrick W., assignor to Coffing Hoist Company, Danville, Ill. Multiple positionable handle tensioning device. 2,556,995, June 12.
Coffing Hoist Company, assignee: *See*—
Coffing, Frederick W.
Coffman, Clifford C., Dallas, Tex. Remote-control blind operator for motor vehicles. 2,574,729, Nov. 13.
Coffman, Donald D., and E. L. Jenner, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Di-esters of aryl-substituted glycols and their preparation. 2,555,918, June 5.
Coffman, John R., St. Paul, Minn., assignor to General Mills, Inc. Chemical modification of proteins. 2,562,534, July 31.
Coffman, Robert S.: *See*—
Kunert, Max J., and Coffman.
Cofran, Louis L.: *See*—
Goepfert, George J., and Cofran.
Cofrin, Austin E., Green Bay, and S. N. Hope, Wauwatosa, assignors to Fort Howard Paper Company, Green Bay, Wis. Dispenser for napkins or similar articles. 2,547,856, Apr. 3.
Cogan, Grace J.: *See*—
Sloman, Edmund M., and Cogan.
Cogan, Howard C., assignor to National Electric Welding Machines Company, Bay City, Mich. Seam welding of cylindrical articles. 2,549,173, Apr. 17.
Cogan, Howard C., assignor to National Electric Welding Machines Company, Bay City, Mich. Axially oscillated circular welding electrode. 2,558,041, June 26.
Cogan, Raul, assignee: *See*—
Martinto, Cesar O.
Coggburn, Harley L., Big Bear Lake, Calif. Generator for absorption refrigerators. 2,568,789, Sept. 25.
Coggeshall, Almy D.: *See*—
Scott, Benjamin B., and Coggeshall.
Coggeshall, Almy D., Schenectady, N. Y., assignor to General Electric Company. Producing insulated coils. 2,550,453, Apr. 24.
Coggeshall, Thellwell R., Bala Cynwyd, Pa., assignor to General Electric Company. Electric circuit interrupter. 2,570,769, Oct. 9.
Coggeshall, Thellwell R., Bala Cynwyd, Pa., assignor to General Electric Company. Quick-release valve. 2,574,377, Nov. 6.
Coghill, James T.: *See*—
Hill, Harold S., and Coghill.
Coghill, James T., Fairport, and H. H. Langdon, assignors to Consolidated Machine Tool Corporation, Rochester, N. Y. Apparatus for thickening pulp. 2,561,013, July 17
Coghill, Robert D.: *See*—
Stodola, Frank H., Wachtel, and Coghill.
Cogliandro, Mimita A.: *See*—
Pullon, Russel C.
Cogsdill, Floyd F., assignee: *See*—
Cogsdill, Glen H.
Cogsdill, Glen H., Plymouth, assignor of one-half to F. F. Cogsdill, Detroit, Mich. Twist drill. 2,555,302, June 5.
Cohan, Frank, Cleveland Heights, Ohio. Plastic shuttlecock. 2,556,029, June 5.
Cohan, Henry, Rockville Centre, N. Y. Hinged joint for leg braces. 2,545,843, Mar. 20.
Cohen, Arnold A., and W. R. Keye, St. Paul, Minn., and C. B. Tompkins, Washington, D. C., assignors to Engineering Research Associates, Inc., Arlington, Va. Data storage system. 2,540,654, Feb. 6.
Cohen, Arthur M., New Rochelle, N. Y. Electric timer. 2,550,778, May 1.
Cohen, Arthur M., New York, N. Y. Electromagnetic unit. 2,550,779, May 1.
Cohen, Ben, Lake Hiawatha, N. J. Hunting arrow. 2,554,012, May 22.
Cohen, Boris, and J. Pucci, Philadelphia, Pa. Foldable table. 2,542,394, Feb. 20.
Cohen, Charles A., Roselle Park, N. J., assignor to Standard Oil Development Company. N-(trichloromethylthio)o-sulfo benzimide and fungicidal compositions containing it. 2,553,773, May 22.
Cohen, Charles A., Roselle Park, N. J., assignor to Standard Oil Development Company. Chemical process for removal of organic peroxides. 2,565,354, Aug. 21.
Cohen, David, assignor to Safety Turniquet Corporation, New York, N. Y. Tourniquet. 2,567,182, Sept. 11.
Cohen, Emil L., assignee: *See*—
Hoffman, Sigmund.
Cohen, Esther, Washington, D. C. Loss prevention device for earrings. 2,552,151, May 8.
Cohen, Eugene M.: *See*—
Silver, Leonard H., and Cohen.
Cohen, Harold W., and I. Galper, assignors to Bee Bee Shoe Co., Manchester, N. H. Shoemaking apparatus. 2,572,011, Oct. 23.
Cohen, Henry: *See*—
Johnstone, Alexander P., and Cohen.
Cohen, Henry, Newcastle-upon-Tyne, assignor to Power Jets (Research and Development) Limited, London, England. Heat exchanger and making the same. 2,552,937, May 15.
Cohen, Henry, Newcastle-upon-Tyne, and A. R. D. Robson, Peterborough, assignors to Power Jets (Research and Development) Limited, London, England. Regenerative heat exchanger. 2,579,173, Dec. 18.
Cohen, Herman: *See*—
Bates, Robert W., and Cohen.
Cohen, Herman, Brookline, Mass. Apparatus for extracting juices from citrus fruits and the like. 2,575,584, Nov. 20.
Cohen, Irving: *See*—
Frankel, Ben J., and Cohen.
Cohen, Joseph H., Detroit, Mich. Shaving guide. 2,550,972, May 1.
Cohen, Joseph H., Detroit, Mich. Automatic transmission. 2,561,499, July 24.
Cohen, Julius M., Brooklyn, N. Y. Coin and transfer receptacle. 2,553,081, May 15.
Cohen, Karl, New York, N. Y., and H. C. Urey, Leonia, N. J., assignors to University Patents, Inc. Centrifuge for separating gas mixtures. 2,536,423, Jan. 2.
Cohen, Louis, deceased, Arlington, Va.; L. Sissman, administratrix, assignor to L. Sissman, as trustee. Interference reducing radio receiving system. 2,558,339, June 26.
Cohen, Maurice M., Cleveland Heights, Ohio. Power-operated tool driving apparatus. 2,544,219, Mar. 6.
Cohen, Morris, assignor to Interstate Bakeries Corporation, Kansas City, Mo. Continuous dough feed. 2,576,670, Nov. 27.
Cohen, Morris S., Roxbury, Mass. Fur piece box. 2,538,670, Jan. 16.
Cohen, Nathaniel L.: *See*—
Goldstein, Ladislas, and Cohen.
Cohen, Norman M., New York, N. Y. Woven fabric. 2,566,482, Sept. 4.
Cohen, Oscar P., Watertown, Mass., assignor to Monsanto Chemical Company, St. Louis, Mo. Formaldehyde-urea condensation. 2,561,973, July 24.
Cohen, Robert M., College Point, N. Y. Scriber. 2,553,812, May 22.

Cohen, Samuel, assignor to Pilgrim Curtain Co., Inc., Fall River, Mass. Sewing machine attachment. 2,548,144, Apr. 10.
Cohen, Samuel J., Rochester, N. Y. Apparatus for proportioning liquids. 2,543,522, Feb. 27.
Cohen, William, New York, N. Y. Pivoted spring clip. 2,569,371, Sept. 25.
Cohn, Aaron, Philadelphia, Pa. Eaves trough hanger. 2,550,780, May 1.
Cohn, Abraham, Brooklyn, N. Y. Adjustable book cover. 2,560,087, July 10.
Cohn, Adolph, assignee: *See*—
Brenner, Bert.
Cohn, Charles C., assignee: *See*—
Cohn, Charles C.
Cohn, Charles C., Elkins Park, assignor to S. L. and C. C. Cohn, doing business as Colonial Alloys Company, Philadelphia, Pa. Coating aluminum or its alloys. 2,550,328, Apr. 24.
Cohn, Charles C., Elkins Park, assignor to S. L. and C. C. Cohn, doing business as Colonial Alloys Company, Philadelphia, Pa. Method and apparatus for electrolytic treatment of slide fasteners. 2,572,838, Oct. 30.
Cohn, Charles C., Elkins Park, Pa. Providing oxide coating on aluminum and its alloys. 2,578,400, Dec. 11.
Cohn, David, Brooklyn, and C. Kusold, Ridgewood, N. Y., assignors to Voices, Inc., Newark, N. J. Doll voice mechanism. 2,558,237, June 26.
Cohn, Harold J., Chicago, Ill. Combination dispenser and deodorizer. 2,539,059, Jan. 23.
Cohn, Irwin, Leominster, Mass. Doll joint. 2,544,135, Mar. 6.
Cohn, Jacob V., Detroit, Mich. Stiffened roll collar. 2,560,157, July 10.
Cohn, Louis I., Philadelphia, Pa. Bedspring. 2,548,349, Apr. 10.
Cohn, Mortimer: *See*—
Butterworth, Harry W., Jr., S. and M. Cohn, and Walter.
Cohn, Samuel: *See*—
Cohn, Charles C.
Cohn, Samuel L., assignee: *See*—
Butterworth, Harry W., Jr., S. and M. Cohn, and Walter.
Cohn, Charles C.
Cohn, Seymour B., Cambridge, Mass., assignor to United States of America as represented by the Secretary of War. Microwave filter. 2,577,510, Dec. 4.
Cohn, Seymour B., Cambridge, Mass., assignor to United States of America as represented by the Secretary of War. Tunable radio frequency filter. 2,577,511, Dec. 4.
Cohoe, Wallace P., New York, N. Y. Production of unfermented bread. 2,547,566, Apr. 3.
Cohrt, Eigil, Copenhagen, Denmark, assignor to International Standard Electric Corporation, New York, N. Y. Telephone exchange system. 2,577,740, Dec. 11.
Coit, Burton C., Jr., assignor to Tri-State Engineering Company, Washington, Pa. Collapsible pallet type container. 2,547,624, Apr. 3.
Coit, Burton C., Jr., assignor to Tri-State Engineering Company, Washington, Pa. Shipping container. 2,576,671, Nov. 27.
Coit, Burton C., Jr., assignor to Tri-State Engineering Company, Washington, Pa. Stackable pallet type crate. 2,576,672, Nov. 27.
Coit, James O., Jr., assignee: *See*—
Wolfner, William F., II.
Cojan, Jean, Bourg La Reine, France. Securing Optical elements. 2,552,938, May 15.
Colahan, Francis L.: *See*—
Collins, George A., Russell, and Colahan.
Colbeth, Ivor M., Maplewood, assignor to The Baker Castor Oil Company, Jersey City, N. J. Rubbery copolymer compositions. 2,537,036, Jan. 9.
Colbeth, Ivor M., Maplewood, assignor to The Baker Castor Oil Company, Jersey City, N. J. Continuous dehydration process. 2,567,925, Sept. 18.
Colburn, Allan P., Newark, Del., and B. F. Dodge, Hamden, Conn., assignors to the United States of America as represented by the Secretary of the Navy. Adsorption process for removal of carbon dioxide from the atmosphere of a submarine. 2,545,194, Mar. 13.
Colburn, Allan P., Newark, Del., and B. F. Dodge, Hamden, Conn., assignors to the United States of America as represented by the Secretary of the Navy. Purification of a confined atmosphere by a process of refrigeration. 2,571,014, Oct. 9.
Colburn, George M., Greensburg, Pa., assignor to United States Steel Company. Straightening apparatus. 2,562,447, July 31.
Colburn, Lawrence E., assignor of one-half to A. Lemieux, Jewett City, Conn. Cable spring handle connection. 2,539,229, Jan. 23.
Colburn, Richard R., Waterloo, Iowa. Concrete aggregate feeder having a measuring rotor and an adjustable feed hopper. 2,550,781, May 1.
Colburn, Richard R., Waterloo, Iowa. Radial flow rotary feeder for concrete aggregate. 2,565,546, Aug. 28.
Colburn, William and E. J. Latos, Chicago, Ill., assignors to Grant Advertising Agency, Inc., Dallas, Tex. Apparatus for treating articles. 2,548,948, Apr. 17.
Colby, Hazel M., Chicago, Ill. Foundation garment. 2,552,368, May 8.
Colby, Hazel M., Chicago, Ill. assignor to Kabo, Inc. Girdle. 2,553,301, May 15.
Colby, Irving A.: *See*—
Mirfield, George E., and Colby.
Colby, Irving A., Hubbard, assignor to The Youngstown Sheet and Tube Company, Youngstown, Ohio. Method of and apparatus for continuous welding of pipes and tubes. 2,575,381, Nov. 20.
Colby, Joseph M., Grosse Pointe, Mich. Differential drive gearing and electrodynamic brake control therefor. 2,560,554, July 17.
Colby, Joseph M., Grosse Pointe, Mich. Air-cooled internal-combustion engine. 2,573,544, Oct. 30.
Colby, Merrill K., Sparta, Mich. Gun sling. 2,574,143, Nov. 6.
Colcaire, Oscar, assignee: *See*—
Robbaiti, Giordano.
Coldiron, Harold A., assignor to The Scholl Mfg. Co., Inc., Chicago, Ill. Finger held tape cutter. 2;572,245, Oct. 23.
Cole, Arthur T., assignee: *See*—
Cole, Parker.
Cole, Dale R., Centralia, Ill., assignor to Shell Development Company, San Francisco, Calif. Metallic coiled spring with protective cover. 2,564,394, Aug. 14.
Cole, Delbert, Hollydale, Calif. Pipe wrench. 2,557,342, June 19.
Cole, Donald L., Groton, Conn. Slide rule. 2,569,454, Oct. 2.
Cole, Edwin J., assignee: *See*—
Tompkins, Chester H.
Cole, Eli, Louisville, Ky., assignor to Reynolds Metals Company, Richmond, Va. Platform leveling mechanism for truck chassis. 2,537,572, Jan. 9.
Cole, Elmer K., assignor to A. B. Chance Company, Centralia, Mo. Earth anchor. 2,570,646, Oct. 9.
Cole, Eugene: *See*—
Libby, Lester L., and Cole.
Cole, Eugene, deceased, Kew Gardens, N. Y.; Z. Cole, administratrix, Forest Hills, assignor to Federal Telecommunication Laboratories, Incorporated, New York, N. Y. Amplitude channelizer. 2,541,039, Feb. 13.
Cole, Frank E., Manchester, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Thread tensioning device and mechanism for actuating the same. 2,562,175, July 31.
Cole, Fred H., Los Angeles, Calif. Timer for electric heating appliances. 2,541,207, Feb. 13.
Cole, Frederick L., West Collingswood, N. J. Bail and can. 2,577,001, Dec. 4.
Cole, George H., R. A. Hoel, H. E. Neuendorf, and C. L. Corneaby, assignors to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Temperature responsive device. 2,571,422, Oct. 16.
Cole, Gordon M., Corona, assignor to California Fruit Growers Exchange, Los Angeles, Calif. Obtaining pectin and citric acid from their source materials. 2,577,232, Dec. 4.
Cole, Harry L., Chillicothe, Mo. Load transporting dolly. 2,551,097, May 1.
Cole, Herschel R.: *See*—
Clark, Jesse H., Grahn, Overend, and Cole.
Cole-Hersee Company, assignee: *See*—
Unsworth, Thomas.
Cole, Hubert M., Belmar, N. J., assignor to General Foods Corporation, New York, N. Y. Separation of coffee aroma. 2,542,119, Feb. 20.
Cole, James W., Charlottesville, Va., assignor to the United States of America as represented by the Secretary of the Navy. Temperature time integrator. 2,552,477, May 8.
Cole, John W.: *See*—
Julian, Percy L., Meyer, Cole, and Magnani.
Cole, Kenneth J., Cuyahoga Falls, assignor to The General Tire and Rubber Company, Akron, Ohio. Hinged separator for stock trays. 2,563,212, Aug. 7.
Cole, Lorne A., Brantford, Ontario, Canada. Apparatus for regulating power used by pulp grinders. 2,545,260, Mar. 13.
Cole, Nelson E., assignor to Parish Pressed Steel Co., Reading, Pa. Body structure for vehicles. 2,561,098, July 17.
Cole of California, Inc., assignee: *See*—
Laszlo, Margit F.
Cole, Parker, San Gabriel, assignor of one-half to A. T. Cole, Alhambra, Calif. Flush tank. 2,560,532, July 17.
Cole, Prentiss I., Palo Alto, Calif. Fluid seal. 2,547,257, Apr. 3.
Cole, Prentiss I., Palo Alto, Calif. Packing ring. 2,553,750, May 22.
Cole, Prentiss I., Palo Alto, Calif. Fluid seal. 2,576,673, Nov. 27.
Cole, Ralph M., assignor to Kawneer Company, Niles, Mich. Awning construction. 2,569,599, Oct. 2.
Cole, Robert M., Bryn Athyn, assignor to Chemical Elaborations, Inc., Philadelphia, Pa. Catalysis of addition reactions. 2,545,261, Mar. 13.
Cole, Robert M., Oakland, assignor to Shell Development Company, San Francisco, Calif. Dehydration of acrolein by stratification and distillation. 2,542,752, Feb. 20.
Cole, Sandford S.: *See*—
Rowe, Lancelot W., and Cole.

Cole, Sandford S., Metuchen, and J. S. Breitenstein, Linden, N. J., assignors to National Lead Company, New York, N. Y. Recovery of vanadium values from an alkali metal vanadate solution. 2,576,445, Nov. 27.
Cole, William H., Gauley Bridge, W. Va. Drill support. 2,575,097, Nov. 13.
Cole, Zelda, administratrix: *See*—
Cole, Eugene.
Coleman Company, Inc., The, assignee: *See*—
Campbell, Shirley P.
Little, Ellwood E.
Olds, Dean, and Schroeder.
St. John, Roscoe N.
St. John, Roscoe N., and McClymonds.
Coleman, Edward E.: *See*—
Binder, Harry C., and Coleman.
Coleman, Edwin D., Maywood, Ill. Electrode structure. 2,578,044, Dec. 11.
Coleman, Frederick G., West Wickham, England. Collapsible gate, door, and the like. 2,544,008, Mar. 6.
Coleman, Garlin, New York, N. Y. Toothbrush cabinet with agitator. 2,564,353, Aug. 14.
Coleman, Geoffrey, and A. W. Forman, Leicester, England, assignors to United Shoe Machinery Corporation, Flemington, N. J. Manufacture of cluster hobnails. 2,564,802, Aug. 21.
Coleman, Gerald H., Freeland, assignor to The Dow Chemical Company, Midland, Mich. Aldehyde-amines and preparation thereof. 2,568,579, Sept. 18.
Coleman, Gerald H., Freeland, assignor to The Dow Chemical Company, Midland, Mich. Condensation products of 4-aminoantipyrine and the chloroethoxy benzaldehydes. 2,568,580, Sept. 18.
Coleman, Gerald H., Freeland, and R. H. Rigterink, assignors to The Dow Chemical Company, Midland, Mich. Substituted 2,3-dihydro-2-methyl-benzofurans. 2,548,704, Apr. 10.
Coleman, Gerald H., Freeland, and R. H. Rigterink, assignors to The Dow Chemical Company, Midland, Mich. Chloro-2-methylbenzofurans. 2,559,532, July 3.
Coleman, Gerald H., and P. A. Wolf, assignors to The Dow Chemical Company, Midland, Mich. Fungistatic wrapper. 2,567,010, Sept. 4.
Coleman, Harold M., and A. H. Steffen, Chicago, and E. W. Hopkins, Hinsdale, assignors to Armour and Company, Chicago, Ill. Treating animal materials. 2,541,572, Feb. 13.
Coleman, Howard, Bay City, Mich. Vehicle torsion bar suspension system. 2,540,188, Feb. 6.
Coleman, Howard, Bay City, Mich. Combination stabilizer and torsion bar spring support. 2,565,756, Aug. 28.
Coleman, Irwin W.: *See*—
Rogers, George T., and Coleman.
Coleman, James W., and S. A. Moss, Jr., Ridley Park, J. W. Hall, Media, H. D. Merion, West Chester, and J. W. Pedlow, Chester Heights, Pa., assignors to American Viscose Corporation, Wilmington, Del. Spinning artificial filaments. 2,536,093, Jan. 2.
Coleman, John E., Alexandria, Ind., assignor to Johns-Manville Corporation, New York, N. Y. Apparatus for fiber collection. 2,561,843, July 24.
Coleman, John H., Princeton, N. J., assignor to Radio Corporation of America. Variable potential electrical generator. 2,555,116, May 29.
Coleman, John H., Princeton, N. J., assignor to Radio Corporation of America. Vacuum tube mixing circuits. 2,569,924, Oct. 2.
Coleman, John H., Princeton, N. J., assignor to Radio Corporation of America. Signal amplifying and mixing utilizing space charge neutralization. 2,573,247, Oct. 30.
Coleman, John H., Princeton, N. J., assignor to Radio Corporation of America. Charged-particle energy meter. 2,577,106, Dec. 4.
Coleman, Joseph E., Red Bank, N. J., assignor to the United States of America as represented by the Secretary of War. Crystal analysis apparatus. 2,556,167, June 12.
Coleman, Lester B., New York, N. Y. Identification device for luggage. 2,545,262, Mar. 13.
Coleman, Melvin B., Sr., Roanoke, Va., assignor to American Viscose Corporation, Wilmington, Del. Method and apparatus for removing yarn from yarn packages. 2,567,990, Sept. 18.
Coleman, Orville K., West Lafayette, Ind. Apparatus for measuring excess reactive kilovoltampere demand. 2,573,407, Oct. 30.
Coleman, Orville K., and R. A. Road, West Lafayette, assignors to Duncan Electric Manufacturing Company, La Fayette, Ind. Electrolysis resisting conduit hub. 2,554,456, May 22.
Coleman, Richard V., assignor of one-fourth to F. Beimesch, San Antonio, Tex. Dispenser with screw actuated follower. 2,540,511, Feb. 6.
Coleman, Roy F., and W. A. Hanger, Rye, N. Y., assignors to themselves, as copartners. Golf tee. 2,555,222, May 29.
Coleman, Stephen L. C., Fredericton, New Brunswick, Canada. Air spring and shock absorber. 2,536,626, Jan. 2.
Coleman, Stephen R., assignee: *See*—
Cartheuser, William H.
Coleman, Sydney G.: *See*—
Oberstar, Edward C., and Coleman.
Coleman, Wesley H., Bald Knob, W. Va. Mechanical gate and lock. 2,556,361, June 12.
Coleman, William E., Pittsburgh, Pa., assignor to United States Steel Company. Control unit for pin hole detectors. 2,563,213, Aug. 7.
Coleman, William R.: *See*—
Rieveschl, George, and Coleman.
Rieveschl, George, Jr., and Coleman.
Colemand, Sylvester, Jr., Provo, Utah. Furnace stack lining supporting plate. 2,561,461, July 24.
Coler, Myron A., assignor to Synergistics, Inc., New York, N. Y. Liquid compositions for removing adhesive dressings. 2,552,520, May 15.
Coler, Myron A., New York, N. Y., assignor to the United States of America as represented by the United States Atomic Energy Commission. Manufacture of porous articles from trifluorochloroethylene polymer. 2,573,639, Oct. 30.
Coles, Jacob G., New York, N. Y. Electric switch operating device. 2,571,837, Oct. 16.
Coles, James W., Santa Ana, Calif. Automobile closure structure. 2,548,950, Apr. 17.
Coles, John H., Regina, Saskatchewan, and W. D. Davies, assignors to Artificial Insemination Supply Company, Ottawa, Ontario, Canada. Artificial insemination device. 2,572,987, Oct. 30.
Coles, Robert F., Easton, Pa., assignor to General Aniline & Film Corporation, New York, N. Y. Producing 6-halo-8-hydroxycinchoninic acids. 2,579,420, Dec. 18.
Coles, Walter H., assignor to The Skinner Irrigation Company, Troy, Ohio. Spray nozzle. 2,539,061, Jan. 23.
Colgan, Fred R., Jr., Los Angeles, Calif. Pressure operated switch. 2,560,276, July 10.
Colgan, Oliver E., Collingswood, N. J., assignor to Radio Corporation of America. Sequence and preselector signal seeking system. 2,537,944, Jan. 16.
Colgate-Palmolive-Peet, assignee: *See*—
Marshall, Donald E.
Colgate-Palmolive-Peet Company, assignee: *See*—
Alsop, William G.
Apperson, Lester D.
Gebhart, Arthur I.
Hoopes, Penrose R.
Kirschenbauer, Hans G., and Percy.
Klippert, Andrew A.
Mahoney, John J.
Malkemus, John D., and Ross.
Percy, Joseph H., and Neumann.
Rice, Curtis D., and Cook.
Ross, John.
Ross, John, and Gebhardt.
Sartorius, William.
Schulerud, Albert L.
Trent, Walter R.
Colibri Lighters Limited, assignee: *See*—
Lowenthal, Julius, and Moore.
Colin, Robert I., Nutley, N. J., assignor to Federal Telecommunication Laboratories, Inc., New York, N. Y. Radio range beacon. 2,541,040, Feb. 13.
Colinsworth, Donald R., assignor to The Upjohn Company, Kalamazoo, Mich. Penicillin production. 2,538,721, Jan. 16.
Colker, David H.: *See*—
Parkes, Ralph C., and Colker.
Collar, Lynn H.: *See*—
Fine, Joseph L., and Collar.
Collar, William E.: *See*—
Lewis, Virginia E., and Collar.
Collard, John, Hammersmith, London, assignor to Electric & Musical Industries Limited, Hayes, England. High-frequency electric transmission lines or waveguides. 2,557,261, June 19.
Collard, John, London, and H. E. Holman, West Drayton, assignors to Electric & Musical Industries Limited, Hayes, Middlesex, England. High-frequency electrical transmission line and wave guide. 2,543,721, Feb. 27.
Collardeau, Georges: *See*—
Fluchaire, Maurice L. A., and Collardeau.
Collardeau, Georges, and M. L. A. Fluchaire, Lyon, assignors to Societe des Usines Chimiques Rhone-Poulenc, Paris, France. Production of vinyl allyl ether. 2,546,431, Mar. 27.
Collender, Gustave A., Chatsworth, assignor, by mesne assignments, to F. Ahlburg, Los Angeles, Calif. Ribbon inking mechanism in fruit marking machines. 2,537,397, Jan. 9.
Collender, Gustave A., assignor to Six Wheels, Inc., Los Angeles, Calif. Power transmission for dual wheel units of vehicles. 2,548,949, Apr. 17.
Collender, Gustave A., assignor to Six Wheels, Inc., Los Angeles, Calif. Swing joint. 2,557,498, June 19.
Collester, Maude P., assignor to I. B. Kleinert Rubber Co., New York, N. Y. Curtain for a child's nursery room. 2,569,290, Sept. 25.
Colley, George F., Augusta, assignor to Kent A. Hill, Athens, Ga. Tool for separating the bead of a tire from a rim flange. 2,563,987, Aug. 14.
Colley, Omer A., New York, N. Y. Support and spacing device for hive body or super frames. 2,580,282, Dec. 25.

Colley, Russell S., Kent, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Adjustable fluid passage. 2,560,634, July 17.
Colley, Russell S., Kent, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Demountable rivet structure. 2,562,018, July 24.
Colley, Russell S., Kent, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Tubular rivet. 2,562,019, July 24.
Colley, Russell S., Cuyahoga Falls, and H. E. Wilt, Akron, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y. Expansible rivet assembly. 2,572,246, Oct. 23.
Collgert, Sven A., and O. G. Nordqvist, Karlskoga, Sweden. Collet chuck. 2,567,471, Sept. 11.
Collick, Edgar S., Van Dyke, Mich. Article treating and plating apparatus. 2,562,084, July 24.
Collier, Donald W., Philadelphia, Pa., assignor to The Sharples Corporation. Treatment of liquids with ion exchange materials. 2,563,006, Aug. 7.
Collier, Henry O. J.: *See*—
Campbell, Norman R., Fitzgerald, Collier, and Dunsmuir.
Collier, Perceval G.: *See*—
McWhirter, Eric M. S., Dunn, Warden, Ward, Fonseca, and Collier.
Collier, Ray H., Jackson, Miss., and R. H. Collier, Oak Park, Ill. Flap retainer clip for paper cartons. 2,548,705, Apr. 10.
Collier, Robert H.: *See*—
Collier, Ray H. and R. H.
Collier, Robert T., Palos Verdes Estates, assignor, by mesne assignments, to Union Oil Company of California, Los Angeles, Calif. Sulfur dioxide process and apparatus using recycled gases. 2,564,833, Aug. 21.
Collier, Sherman T., Miami, Fla. Emery board. 2,573,310, Oct. 30.
Collignon, Pierre, Paris, France. Individual dressing. 2,561,844, July 24.
Collignon, Pierre, Paris, France. Individual surgical dressing kit. 2,566,018, Aug. 28.
Collings, Thomas V.: *See*—
Crim, George E., and Collings.
Collins & Aikman Corporation, assignee: *See*—
Hewton, William R.
Collins, Albert J., Chicago, Ill. Meter reading card case. 2,538,084, Jan. 16.
Collins, Arthur A., Cedar Rapids, Iowa, assignor to Collins Radio Company. Shaft positioning apparatus. 2,546,980, Apr. 3.
Collins, Arthur J., Chicago, Ill. Spout closure. 2,567,183, Sept. 11.
Collins, Arthur J., Chicago, Ill. Closure for pouring spouts, connected thereto by a weakened, frangible element. 2,571,542, Oct. 16.
Collins, Charles P.: *See*—
Spaulding, Charles W., and Collins.
Collins, Charles P., Falls Church, Va., G. J. Gacey, Washington, D. C., E. D. Marston, Arlington County, W. S. Morris, Alexandria, Va., and J. L. Trumbo, Washington, D. C. Film transport case. 2,561,342, July 24.
Collins, Clifton R., assignor to The Guiberson Corporation, Dallas, Tex. Safety joint tool. 2,565,547, Aug. 28.
Collins, Corinne R., Los Angeles, Calif. Garment hanger collar support. 2,569,152, Sept. 25.
Collins, De Estin, and M. Bergstrom, Willard, Mont. Subsoil plow. 2,569,556, Oct. 2.
Collins, Donley S., assignor to A. O. Smith Corporation, Milwaukee, Wis. Damper for clothes driers. 2,569,515, Oct. 2.
Collins, Douglas, Salisbury, N. C. Elevating mechanism and brake control for refrigerator shelf frames. 2,549,664, Apr. 17.
Collins, Edgar V., assignor to Iowa State College Research Foundation, Ames, Iowa. Earth terracer with variable-speed transmission. 2,578,127, Dec. 11.
Collins, Edgar V., assignor to Iowa State College Research Foundation, Ames, Iowa. Earth-moving apparatus. 2,578,128, Dec. 11.
Collins, Edward, III: *See*—
Engelhardt, Hugo, and Collins, III.
Collins, Edward W., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Armature winding machine. 2,561,562, July 24.
Collins, Ella M., Chicago, Ill. Laundering apparatus. 2,556,153, June 5.
Collins, Francis J., Cleveland Heights, Ohio. Armrest. 2,563,922, Aug. 14.
Collins, Fred V., Des Plaines, assignor to W. F. Stahl, Kenilworth, Ill. Tube forming apparatus. 2,536,911, Jan. 2.
Collins, Fred V., Des Plaines, and K. F. Spalding, Chicago, assignors to W. F. Stahl, Kenilworth, Ill. Electrical heating element. 2,552,259, May 8.
Collins, Fred V., Des Plaines, assignor to W. F. Stahl, Kenilworth, Ill. Electronic heating of materials. 2,570,921, Oct. 9.
Collins, George A., Whittier, J. R. Russell, La Habre Heights, and F. L. Colahan, Whittier, assignors, by mesne assignments, to California Research Corporation, San Francisco, Calif. Well liner and cementing. 2,546,978, Apr. 3.
Collins, George W.: *See*—
Osterbur, Lewis B., and Collins.
Collins, Harriet, assignee: *See*—
Collins, Harry.
Collins, Harry, assignor to H. Collins, New York, N. Y. Clothing pattern. 2,553,847, May 22.
Collins, Irene C., Johnstown, N. Y. Glove. 2,552,258, May 8.
Collins, James E., assignor to Fairmount Glass Works, Inc., Indianapolis, Ind. Transferring glassware from mold tables. 2,555,117, May 29.
Collins, James E., Maywood, and A. W. Douglas, assignors to American Tire Machinery, Inc., Los Angeles, Calif. Tire side wall mold. 2,574,171, Nov. 6.
Collins, Jesse, Sr., Houston, Tex. Blackboard compass. 2,563,309, Aug. 7.
Collins, John A., Worcester, Mass. Fish lure. 2,570,100, Oct. 2.
Collins, John D., 3rd, executor: *See*—
Potts, Clyde.
Collins, John E., Paterson, N. J. Optician's pliers. 2,564,752, Aug. 21.
Collins, Leo F., Seattle, Wash. Micrometer caliper. 2,546,388, Mar. 27.
Collins, Lewis B., Camilla, Ga. Peanut harvester. 2,540,655, Feb. 6.
Collins, Lowell J., Oakland, Calif. Machine for mixing and kneading food products and the like. 2,576,575, Nov. 27.
Collins, Milford E., Los Angeles, Calif., assignor to Radio Corporation of America. Film reel drive and holdback mechanism. 2,568,790, Sept. 25.
Collins Radio Company, assignee: *See*—
Clark, John W.
Collins, Arthur A.
Couillard, Luther W.
Craft, Liva M.
Davis, Frank M.
Hart, Claude.
Pappenfus, Ernest W.
May, Richard W.
Moseley, Francis L.
Rockwell, Chester A.
Shanklin, John P.
Wirkler, Walter H.
Wulfsberg, Arthur H.
Collins, Ralph D., assignee: *See*—
Cook, John B.
Koehler, Robert L., and Miller.
Collins, Ralph D., Beverly Hills, Calif. Automobile jack and cover. 2,551,929, May 8.
Collins, Robert B., Downers Grove, assignor to Universal Oil Products Company, Chicago, Ill. Internally lined and insulated chamber. 2,545,686, Mar. 20.
Collins, Robert F., Seymour, Iowa. Elevator mechanism. 2,579,364, Dec. 18.
Collins, Ronald B., H. D. Edwards, and O. E. Pratt, assignors to Ilford Limited, Ilford, England. Production of colored colloid layers. 2,572,988, Oct. 30.
Collins, Ronald B., R. C. M. Smith, and O. E. Pratt, assignors to Ilford Limited, Ilford, England. Treatment of colored colloid layers. 2,574,243, Nov. 6.
Collins, Samuel C., Watertown, Mass., assignor to the United States of America as represented by the Secretary of the Air Force. Stressed pumping cylinder assembly for liquid oxygen. 2,537,742, Jan. 9.
Collins, Samuel C., Watertown, and H. O. McMahon, Lexington, said McMahon assignor to Arthur D. Little, Inc., Cambridge, Mass. Control for oxygen producing apparatus. 2,553,550, May 22.
Collins, Wilfrid G., London, England. Dolly and like transporting device. 2,566,718, Sept. 4.
Collins, William B., Los Angeles, Calif., assignor to Bowser, Inc., Fort Wayne, Ind. Nonsplash discharge nozzle tip. 2,558,238, June 26.
Collins, William F., Westmont, Ill., assignor to International Harvester Company. Nozzle clamp. 2,555,303, June 5.
Collins, William La V., Marion, Ind., assignor to Morris Paper Mills, Chicago, Ill. Container. 2,562,261, July 31.
Collinson, Stanley E., New York, assignor to Newport Optical Mfg. Co., Inc., Brooklyn, N. Y. Temple for spectacle frames. 2,538,830, Jan. 23.
Collinson, Stanley E., New York, assignor to Newport Optical Mfg. Co., Inc., Brooklyn, N. Y. Temple shaping tool. 2,544,067, Mar. 6.
Collis, Clarence B.: *See*—
Birch, Stanley F., Habeshaw, and Collis.
Collis, J., & Sons Limited, assignee: *See*—
Collis, Leslie A.
Scott, Samuel M.
Collis, Leslie A., Radlett, assignor to J. Collis & Sons Limited, London, England. Shaft coupler. 2,537,120, Jan. 9.
Collison, Arlene B.: *See*—
Collison, William J. and A. B.
Collison, Eugene O., Rosemead, and C. B. Gathercole, Temple City, Calif. Waste disposal device for aircraft. 2,565,720, Aug. 28.
Collison, Marian L., assignee: *See*—
Collison, William J.
Collison, Thomas A., Mount Vernon, Ill. Center filler and draft gear stop. 2,569,372, Sept. 25.

Collison, William J., Bakersfield, Calif. Dual tap T for bathtubs set back to back. 2,570,525, Oct. 9.
Collison, William J., Pasadena, assignor of one-half to M. L. Collison, Bakersfield, Calif. Soil pipe reducer. 2,547,567, Apr. 3.
Collison, William J. and A. B., Costa Mesa, Calif. Double tap T soil-pipe fitting. 2,566,654, Sept. 4.
Colloid Corporation of America, assignee: *See*—
Rickerrich, Frederick, Jr., and Edge.
Colly Products Limited, assignee: *See*—
Dent, Henry E. R.
Colman, George E., Red Bank, N. J. Insulating clamp for ribbonlike conductors. 2,540,101, Feb. 6.
Colman, Howard D., deceased, late of Rockford, Ill., by H. A. Severson, executor, assignor to Barber-Colman Company, Rockford, Ill. Clutch and control mechanism therefor. 2,564,324, Aug. 14.
Colombani, Don P. L. J. E., Paris, France. Electronic musical instrument. 2,580,217, Dec. 25.
Colombo, Roberto, Turin, Italy. Screw press for mixing and extruding plastic materials. 2,543,894, Mar. 6.
Colombo, Roberto, Turin, Italy. Method and apparatus for manufacturing ribbons of plastic material. 2,550,225, Apr. 24.
Colombo, Roberto, Turin, Italy. Extrusion press. 2,550,226, Apr. 24.
Colombo, Roberto, Turin, Italy, assignor to Liguna S. A., Zurich, Switzerland. Method and apparatus for manufacturing by extrusion structural members from thermoplastic synthetic resins. 2,563,396, Aug. 7.
Colombo, Roberto, Turin, Italy. Apparatus for manufacturing tubes from artificial resins, rubber, and the like. 2,563,397, Aug. 7.
Colombo, Roberto, Turin, Italy. Apparatus for compressing thermoplastic masses. 2,564,880, Aug. 21.
Colombo, Roberto, Turin, Italy. Apparatus for kneading and manufacturing granulated plastic masses. 2,567,274, Sept. 11.
Colombo, Roberto, Turin, Italy. Apparatus and method of goffering thermoplastic materials. 2,567,275, Sept. 11.
Colombu, Eugène, and H. Chapuis, Paris, France, assignors to Comptoir des Textiles Artificiels. Double twist spindle. 2,563,641, Aug. 7.
Colon, Amado B., Arecibo, Puerto Rico. Hair treating apparatus. 2,566,600, Sept. 4.
Colonial Alloys Company, assignee: *See*—
Cohn, Charles C.
Colonial Broach Company, assignee: *See*—
De Lorme, Charles R.
Nimz, William A.
Welte, Benedict.
Welte, Benedict, and Abbott.
Colonial-Premier Company, assignee: *See*—
Brandeis, Harold.
Colonial Radio Corporation, assignee: *See*—
Berry, Norman F.
Colonna, Angelo, Wynnewood, Pa. Refrigerator door latch. 2,574,244, Nov. 6.
Color Television, Inc., assignee: *See*—
Sleeper, George E., Jr.
Colorado Fuel & Iron Corporation, The, assignee: *See*—
Stuart, Kenneth B.
Colorado Tent and Awning Company, assignee: *See*—
Gutshall, Robert P.
Colorusso, Louis, assignor to The All-Styles Hanger Company, Inc., New York, N. Y. Coat and trousers hanger. 2,564,297, Aug. 14.
Colson Corporation, The, assignee: *See*—
Roe, William C.
Colt, Rutger B., assignor to Bendix Aviation Corporation, Baltimore, Md. Predetermined quantity summing apparatus. 2,542,995, Feb. 27.
Coltemp Corporation, assignee: *See*—
Munshower, Clarence F.
Colterjohn, Walter L., Jr., Oak Park, Ill. Point projection ion microscope. 2,548,870, Apr. 17.
Coltman, John W.: *See*—
Altar, William, and Coltman.
Coltman, John W., Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Radiation detector. 2,550,107, Apr. 24.
Coltman, John W., Pittsburgh, and F. B. Marshall, Glenshaw, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Detector for elementary particles. 2,550,106, Apr. 24.
Colton, Lewis H.: *See*—
Martin, Charles S., Colton, and Cooke.
Coltrane, Preston R., Jacksonville, Fla. Mechanically operated baby glider. 2,566,983, Sept. 4.
Colt's Manufacturing Company, assignee: *See*—
Porter, George R.
Colt's Manufacturing Company, assignee: *See*—
Webb, George, and Swartz.
Colucci, Aldo, and R. R. Yungel, assignors of one-half to said Colucci and one-half to Milton Freshman, Brooklyn, N. Y. Drill press attachment. 2,563,582, Aug. 7.
Columbe, Maynard J., Schenectady, N. Y., assignor to General Electric Company. High-frequency inductive structure. 2,541,810, Feb. 13.
Columbia Boiler Co., assignee: *See*—
Boarman, Robert W.
Columbia Broadcasting System, Inc., assignee: *See*—
Goldmark, Peter C.
Reeves, James J.
Schlesinger, Kurt.
Columbia Fastener Company, assignee: *See*—
Berkson, Maurice J.
Columbia Mills, Inc., The, assignee: *See*—
Burns, Fred J.
Columbia Protektosite Company, Inc., assignee: *See*—
Brunetti, Joseph.
Castelli, Charles.
Columbia Ribbon and Carbon Manufacturing Company, Inc., assignee: *See*—
Newman, Douglas A.
Columbian Carbon Company, assignee: *See*—
Downs, Charles D., and Martin.
Dunne, John P.
Gholson, Roy L.
Glaxner, Daniel.
Martin, John.
Colombu, Eugene: *See*—
Pierrat, Paul, and Colombu.
Columbu, Eugène, Paris, France, and H. Karlen, Emmenbrucke, near Lucerne, Switzerland, assignors to Comptoir des Textiles Artificiels. Thread-winding machine. 2,563,642, Aug. 7.
Columbus Auto Parts Company, The, assignee: *See*—
Flumerfelt, William A.
Columbus Coated Fabrics Corporation, assignee: *See*—
Ernst, Walter, and Bonner.
Columbus Dental Manufacturing Company, The, assignee: *See*—
O'Morrow, Ross E.
Columbus, John C., Ferguson, Mo. Coffee maker. 2,571,015, Oct. 9.
Columbus McKinnon Chain Corporation, assignee: *See*—
Robins, Erford E., and Parker.
Stuller, Earl A.
Columbus Metal Products Inc., assignee: *See*—
Donley, Harold B.
Neill, William J.
Columbus Plastic Products Inc., assignee: *See*—
Roop, Nathan W.
Colvard, Robert E.: *See*—
Withrow, Ralph A., and Colvard.
Colvin, Clifford, Detroit, and E. C. Bettoni, Bloomfield Hills, Mich., assignors to G. M. and E. Holley. Transmission system for internal-combustion engines. 2,556,527, June 19.
Colvin, James J.: *See*—
Davis, Samuel J., and Colvin.
Colvin, Nolan D.: *See*—
Coultas, Wilbur J., Colvin, and Palmer.
Colwell, Archie T., Cleveland, and M. S. Roush, Painesville, assignors to Thompson Products, Inc., Cleveland, Ohio. Fuel charge for internal-combustion engines. 2,563,101, Aug. 7.
Colwell, Robert E., Springfield, Mass., assignor to Monsanto Chemical Company, St. Louis, Mo. Dessication product removal means. 2,575,748, Nov. 20.
Combe, Otto H., Benkelman, Nebr. Window shield. 2,559,008, July 3.
Combee, Bart, Eindhoven, Netherlands, assignor to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. X-ray tube having a rotary anode. 2,570,770, Oct. 9.
Combined Locks Paper Co., assignee: *See*—
Cram, Hervey G.
Combined Metals Reduction Company, assignee: *See*—
Klepetko, Ernest.
Klepetko, Ernest, and Kaye.
Combs, Claude L., St. Albans, W. Va. Graduated T-square. 2,548,350, Apr. 10.
Combs, Donald R.: *See*—
Cunningham, James E., and Combs.
Combustion Control Corporation, assignee: *See*—
Giuffrida, Philip.
Thomson, E. Craig.
Thomson, E. Craig, and Giuffrida.
Thomson, Elihu C.
Combustion Engineering Superheater, Inc., assignee: *See*—
Armacost, Wilbur H.
Attschuler, William H., and Woynar.
Chapman, Edward C.
Crites, Joe.
Cross, Bertram J.
Cruise, John H.
Gordon, Charles W.
Hamm, Alexander L.
Henkel, Erich W.
Hochmuth, Frank W.
Huet, André P. J. H.
Jackson, George P.
Kreisinger, Henry.
Kruse, John R.
Marshall, Leonard J.
Mittendorf, Harvey C.
Nehrbas, Howard G.
Patterson, Ward S.
Pedersen, Hans V.
Skelly, John S.
Walter, Paul R., and Thompson.
Williams, Arthur.
Witzke, Ernest C.

Combustion Research and Development, Inc., assignee: *See*—
Wiant, Hugh.
Comeau, John E., Culver City, assignor to The Garrett Corporation, Los Angeles, Calif. Shielded heat exchanger. 2,564,153, Aug. 14.
Comeau, Philip J., Halifax, Nova Scotia, Canada. Automobile luggage carrier. 2,554,776, May 29.
Comeaux, Roy V.: *See*—
Cone, John H., and Comeaux.
Comello, William, St. Joseph, Mo. Live bait bucket. 2,568,221, Sept. 18.
Comer, Floyd E., Bristol, assignor to Buescher Band Instrument Company, Elkhart, Ind. Saxophone. 2,545,227, Mar. 13.
Comer, Harold S.: *See*—
Koester, John P., and Comer.
Comer, Jack W., assignee: *See*—
Gunter, Robert L.
Comess, Janine R.: *See*—
Friedman, Joseph H.
Comess, Marlene S.: *See*—
Friedman, Joseph H.
Comey, Charles S.: *See*—
Bacon, Elbridge F., Comey, and Saxton.
Comins, Harrison D., Davenport, Iowa, assignor to American Machine and Metals, Inc., New York, N. Y. Stress-strain recorder. 2,555,633, June 5.
Commander Mfg. Co., assignee: *See*—
Kuhl, George H.
Commer Cars Limited, assignee: *See*—
Limon, Walter.
Commerce, United States of America as represented by the Secretary of, assignee: *See*—
Brenner, Abner.
Deitz, Victor R.
Hunter, Richard S.
Peters, Chauncey G., and Harris.
Commercial Bookbinding Company, The, assignee: *See*—
Cahen, Herman S.
Commercial Shearing & Stamping Company, The, assignee: *See*—
Kane, Thomas C.
Thompson, Howard S.
Commercial Solvents Corporation, assignee: *See*—
Bennett, Ralph E.
Campbell, Arthur W.
Egly, Richards S.
Hickey, Richard J.
Kloetzel, Milton C.
Morey, Glen H.
Schmitz, Fred W.
Senkus, Murray.
Shortridge, Robert W.
Stengel, Leonard A., and Egly.
Taylor, Robert F.
Commonwealth Engineering Company of Ohio, The, assignee: *See*—
Bench, David E.
Berglund, Orion W.
Cunningham, George L.
Ernst, Walter.
Fink, Albert O.
Fink, Albert O., and Bench.
Fisher, John R.
Lewis, Elisha B.
Miller, Francis B.
Stauffer, William R.
Stuart, Fred E.
Toulmin, Harry A., Jr.
Tucker, Warren R.
Vlad, John, and Fisher.
Waldie, William A.
Wenzelberger, Elwood P.
Commonwealth of Pennsylvania, Department of Public Assistance, assignee: *See*—
Hoffman, Carl E.
Commonwealth Plywood Company Limited, assignee: *See*—
Ambeault, Joseph X.
Communication Engineering Pty. Limited, assignee: *See*—
Chodziesner, Georg F.
Skillman, Thomas S., and Lackey.
Communication Equipment and Engineering Company, assignee: *See*—
Phelps, George.
Comotto, Daniel C., Washington, D. C. Fruit juice extractor. 2,579,032, Dec. 18.
Compagnie de Pont-a-Mousson, assignee: *See*—
Boucher, Jacques.
Compagnie de Produits Chimiques et Electrometallurgiques Alais, Froges et Camargue, assignee: *See*—
Bisch, Jean.
Bish, Jean, and Thiesse.
Boivinet, Jean H.
Odier, Jean A.
Patrie, Jos.
Perret-Bit, Roger J.
Séon, Marius, and Raitzyn.
Compagnie des Forges et Acieries de la Marine et d'Homecourt (Societe Anonyme), assignee: *See*—
Brun, Max A., and Sauvage.
Compagnie des Freins et Signaux Westinghouse, assignee: *See*—
Doucot, Roger.
Laze, Pierre.
Compagnie des Machines Bull (Societe Anonyme), assignee: *See*—
Knutsen, Knut A.
Compagnie Electro-Mecanique, assignee: *See*—
Dessarzin, Raymond.
Compagnie Française de Raffinage (Societe Anonyme), assignee: *See*—
Gislon, André.
Gislon, André, and Quiquerez.
Gislon, André and Valet.
Massiot, Louis.
Woog, Paul.
Compagnie Generale d'Electricite, assignee: *See*—
Albrand, Wladimir.
Dauvin, Jean C. M. R., and Lesigne.
Hurault, Jean L.
Lesigne, Henri L.
Macardier, Louis P.
Pouzet, Georges.
Compagnie Generale de T. S. F., assignee: *See*—
Charles, Daniel.
Denis, Marcel.
Lerbs, Alfred.
Warnecke, Robert, and Bernier.
Compagnie Generale de Telegraphie Sans Fil, assignee: *See*—
Bernier, Jean.
Bertein, François.
Bonne, Robert, Cahour, and Grivet.
Bezy, Georges.
Bruck, Henri.
Charles, Daniel.
Danzin, André, and Calis.
Denis, Marcel.
Dohler, Oskar, Huber, and Kleen.
Elie, Maurice.
Guenard, Pierre.
Grivet, Pierre.
Gutton, Henri.
Gutton, Henri, and Ortusi.
Gutton, Henri, and Ponte.
Hugon, Jean J.
Michel, Bernard.
Ortusi, Antoine J., and Fechner.
Polonsky, Joseph.
Ponte, Maurice.
Rabinovitch, Féodora.
Warnecke, Robert.
Warnecke, Robert, and Guénard.
Warnecke, Robert, and Ortusi.
Compagnie Industrielle de Credit, assignee: *See*—
Augustin, Jean.
Compagnie Industrielle de Mecanique Horlogere, assignee: *See*—
Renaud, Jean.
Compagnie Industrielle des Telephones, assignee: *See*—
Gardère, Henri, and Talmasky.
Pappazoglu, Constantin.
Compagnie Internationale des Pieux Armés Frankignoul, assignee: *See*—
Delvaux, Jules A. M.
Compagnie pour la Fabrication des Compteurs et Materiel d'Usines a Gaz, assignee: *See*—
Germaix, André.
Compco Corporation, assignee: *See*—
Eastman, Fred L.
Compo Shoe Machinery Corporation, assignee: *See*—
Small, Edward F.
Comptoir des Textiles Artificiels, assignee: *See*—
Colombu, Eugène, and Chapuis.
Colombu, Eugène, and Karlen.
De Lacotte, Robert H.
Drisch, Nicolas, and Herrbach.
Rey, Augustin, and Oriol.
Thomas, Ivan.
Comptoir Industriel D'Etirage et Profilage de Metaux, assignee: *See*—
Sejournet, Jacques, and Labataille.
Compton, Charles E., Shinnston, W. Va. Mining machine head. 2,562,841, July 31.
Compton, Clarence R., Littleton, Colo. Heavy metal shears. 2,564,154, Aug. 14.
Compton, Edward H., assignor of one-half to L. R. Oswald, Akron, Ohio. Cutting machine. 2,565,169, Aug. 21.
Compton, Henry P., assignor of one-tenth to V. Payne, Jr., Abilene, Tex. Electrically operated vehicle safety light. 2,538,146, Jan. 16.
Compton, Justin S., Lebanon, and L. D. Kilheffer, assignors to The National Cash Register Company, Dayton, Ohio. Electronic multiplying device. 2,575,331, Nov. 20.
Compton, Kenneth G., Summit, and H. L. B. Gould, Montville, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electromagnetic core and manufacture thereof. 2,561,462, July 24.
Compton, Wallace W., Madisonville, Ky., and P. A. Cooper, Evansville, Ind., assignors to Servel, Inc., New York, N. Y. Thermostatic control. 2,566,655, Sept. 4.

Compton, William S., Birmingham, Ala. Fuel mileage tester. 2,550,227, Apr. 24.
Compule Corporation, The, assignee: *See*—
Lockhart, Marshall L.
Comstock, Andrew J.: *See*—
Bird, Warren N., and Comstock.
Comstock Canning Corporation, assignee: *See*—
Ganze, Ronald A.
Comstock, D. A., and Company, Incorporated, assignee: *See*—
Comstock, David A.
Comstock, Daniel F.: *See*—
Whitney, Lyman F. and W. E., and Comstock.
Comstock, David A., Wilton, assignor to D. A. Comstock and Company, Incorporated, South Norwalk, Conn. Air-speed indicator for bicycles. 2,559,402, July 3.
Comstock, George F.: *See*—
Urban, Stephen F., and Comstock.
Comstock & Wescott, Inc., assignee: *See*—
Rice, Richard E., and Matthew.
Comstock, Willard F., Charleston, W. Va. Well drilling bit. 2,553,701, May 22.
Comte, Frederick K., assignor to Monsanto Chemical Company, St. Louis, Mo. Tetrahydrocaffeine and preparing same. 2,536,038, Jan. 2.
Comte, Frederick, Kirkwood, assignor to Monsanto Chemical Company, St. Louis, Mo. Methylation of substituted uracil. 2,542,395, Feb. 20.
Comte, Frederick, Kirkwood, assignor to Monsanto Chemical Company, St. Louis, Mo. Production of caffeine. 2,542,396, Feb. 20.
Comyns, Frederic, Dumont, N. J. Infant's safety covering. 2,554,325, May 22.
Conant, Neil R., assignor to Anderson Brass Company, Detroit, Mich. Shutoff cock. 2,580,218, Dec. 25.
Conary, Robert E.: *See*—
Agnew, Robert J., and Conary.
Neuhaus, Max, Conary, and Devaney.
Concelman, Carl W.: *See*—
Eriksen, Kenneth, and Concelman.
Concepcion, Alberto A., Detroit, Mich. Manufacture of baskets and the like. 2,562,774, July 31.
Conciatori, Anthony: *See*—
Reynolds, William B., Kraus, and Conciatori.
Concklin, George W., Suffern, assignor to John Chatillon & Sons, New York, N. Y. Shopping carrier for stores. 2,544,220, Mar. 6.
Concordet, Noël, Washington, D. C., assignor to himself and S. C. Concordet, Silver Spring, Md. Three-dimensional exhibit. 2,556,798, June 12.
Concordet, Solange C., assignee: *See*—
Concordet, Noël.
Concrete Patents Limited, assignee: *See*—
Danhof, Kornelis R.
Concrete Products, Inc., assignee: *See*—
Hemb, Harold B.
Condak, Edward, assignor to Mardigian Corporation, Detroit, Mich. Collapsible ironing board. 2,548,099, Apr. 10.
Condé, Joseph, New York, N. Y. Brassière. 2,579,365, Dec. 18.
Conde, Lyall T., Sherrill, N. Y. Inflation member for milking machines. 2,565,721, Aug. 28.
Condenser Service & Engineering Co., Inc., assignee: *See*—
Anderson, Olaf F.
Condiff, Howard L., St. Paul, assignor to Archer-Daniels-Midland Company, Minneapolis, Minn. Apparatus for making fluorophotometric measurements. 2,549,574, Apr. 17.
Condit, Paul C.: *See*—
Miller, Robert J., and Condit.
Condit, Paul C., Berkeley, assignor to California Research Corporation, San Francisco, Calif. Electrolytic process and apparatus. 2,537,304, Jan. 9.
Condit, Paul C., Berkeley, assignor, by mesne assignments, to California Research Corporation, San Francisco, Calif. Reduction of organic nitro compounds to amines. 2,560,555, July 17.
Condo, Fred E.: *See*—
Naps, Marguerite, and Condo.
Condo, Fred E., El Cerrito, and M. Naps, Oakland, assignors to Shell Development Company, San Francisco, Calif. Copolymers of vinyl halides and halogenated propenes. 2,568,692, Sept. 25.
Condon, Francis E.: *See*—
Frey, Frederick E., and Condon.
Condon, John C., and O. Felix, assignors to Sears, Roebuck and Co., Chicago, Ill. Loose-leaf binder construction. 2,570,323, Oct. 9.
Condon, Marjorie Z.: *See*—
Altschul, Aaron M., Condon, and Lambou.
Condon, Robert S., Rutland, Vt., assignor, by mesne assignments, to Continental Can Company, New York, N. Y. Sealing end closures to containers. 2,576,446, Nov. 27.
Condon, Robert S., Rutland, Vt., assignor to Continental Can Company, Inc., New York, N. Y. Paper container lining machine. 2,579,907, Dec. 25.
Condon, Robert S., and A. G. Hatch, Rutland, Vt., assignors, by mesne assignments, to Continental Can Company, Inc., New York, N. Y. Friction plug closure. 2,575,490, Nov. 20.
Condra, Elmo L., Long Beach, Calif. Wire line cleanout tool for oil wells. 2,552,939, May 15.
Condron, Harry E., Jr., assignor to A. M. O'Leary, Dayton, Ohio. Venetian blind. 2,575,004, Nov. 13.
Condylis, Jessie C., Chicago, Ill. Fastening means for garments, and more particularly diapers. 2,568,910, Sept. 25.
Cone Automatic Machine Company Inc., assignee: *See*—
Adams, Clarence H., and Pratt.
Cone, Carroll, Adams Township, Lucas County, assignor to Surface Combustion Corporation, Toledo, Ohio. Coil annealing apparatus. 2,580,283, Dec. 25.
Cone, John H., and R. V. Comeaux, Baytown, Tex., assignors, by mesne assignments, to Standard Oil Development Company, Elizabeth, N. J. Fractional separation of sulfonic acids. 2,556,256, June 12.
Cone, Joseph H., assignor to Casco Products Corporation, Bridgeport, Conn. Fire extinguisher. 2,569,975, Oct. 2.
Cone, Ralph R., assignor to Riverside Mills, Augusta, Ga. Filamentary tubular article and producing the same. 2,551,098, May 1.
Cone, Ralph R., assignor to Riverside Mills, Augusta, Ga. Textile. 2,570,526, Oct. 9.
Cone, Truett M., assignor to Mid-Continent Supply Company, Inc., Fort Worth, Tex. Compound drive. 2,568,385, Sept. 18.
Cones, Ben, Indianapolis, Ind. Air flow induction and diffusing nozzle. 2,543,152, Feb. 27.
Cones, Ben, Indianapolis, Ind. Proportioning flow damper. 2,577,405, Dec. 4.
Confeld, James D., Rochester, N. Y., assignor to Stromberg-Carlson Company. Reverting call circuit. 2,574,532, Nov. 13.
Conforto, Michael, Philadelphia, Pa. Blades for roofer's slag scraper. 2,565,841, Aug. 28.
Congdon, Ernest, Upper Darby, Pa. Winding device. 2,568,431, Sept. 18.
Congdon, William J., Hopewell, and R. C. Datin, Petersburg, Va., assignors to Allied Chemical and Dye Corporation, New York, N. Y. Purification of crude synthetic methanol. 2,549,290, Apr. 17.
Congoleum-Nairn Inc., assignee: *See*—
Palmer, Leon B., and Charlton.
Coningsby, Walter F.: *See*—
Koenigsberger, Friedrich W., and MacPhail.
Conklin, Dwight B.: *See*—
Bacon, Leslie R., and Conklin.
Conklin, Oliver E., Parlin, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Film registration device. 2,578,514, Dec. 11.
Conklin, Roscoe D., Little Falls, N. J., assignor, by mesne assignments, to National Pneumatic Co., Inc., Boston, Mass. Adjustable sweep angle windshield wiper. 2,560,088, July 10.
Conklin, Stanley, Cobleskill, N. Y. Refrigerating cabinet for milk samples. 2,575,796, Nov. 20.
Conlan, John P., New York, N. Y. Combined fluid-pressure and manually operated valve. 2,573,408, Oct. 30.
Conley, A. M., assignee: *See*—
Moran, Theron W.
Conley, Edward C., Leavenworth, Kans. Electrically operated trap. 2,537,209, Jan. 9.
Conley, Larry H., Lynbrook, N. Y. Magnetic spacer for stereotype plate shaving machines. 2,552,152, May 8.
Conley, Thomas A., Harrisville, R. I., assignor to American Optical Company, Southbridge, Mass. Filtering means for air supply devices. 2,577,606, Dec. 4.
Conley, Thomas A., Harrisville, R. I., assignor to American Optical Company, Southbridge, Mass. Air supply system for welders' helmets. 2,577,607, Dec. 4.
Conley, Weld E., Jr.: *See*—
Baker, George W., Conley, and Olson.
Conley, Weld E., Jr., Wauwatosa, assignor to Chain Belt Company, Milwaukee, Wis. Apparatus for the continuous treatment of liquiform comestibles. 2,549,575, Apr. 17.
Conlisk, Glen E., Tulsa, Okla. Indicating apparatus. 2,571,423, Oct. 16.
Conlon, Joseph F.: *See*—
Buck, Allen C., and Conlon.
Conlon-Moore Corporation, assignee: *See*—
Freis, Frederick M.
Stuckey, Warren A., Gregurich, and Tomasich.
Conmar Products Corporation, assignee: *See*—
Bashover, Albert.
Disinger, Claude.
Epple, Paul F., and Prupis.
Groff, Howard M.
Jones, Lester L.
Kuzmick, Joseph N.
Mkulas, William.
Moehler, Otto J.
Natzler, Paul, and Prupis.
Prupis, Robert I.
Rabinow, David, and Moehler.
Schaye, Jack M.
Ulrich, Frederick.
Wilhelm, John H.

Conn, C. G., Ltd., assignee: *See—*
Bozak, Rudolph T., and Krauss.
Fiandt, Ronald M.
Kent, Earle L.
Loney, Hugh W.
Long, Thomas H.
Schoemann, Fred M.
Webster, John C.
Wiesner, Harold J.
Conn, John B., Westfield, assignor to Merck & Co., Inc., Rahway, N. J. Penicillin aluminum alkoxides. 2,564,565, Aug. 14.
Connecticut Variable Gear Corporation, The, assignee: *See—*
Morgan, Porter S.
Connector Locks (Canada) Limited, assignee: *See—*
McKenzie, Samuel B.
Connell, Balfour Y., Cuyahoga Falls, Ohio, and W. E. Fisher, Seymour, Conn., assignors to The B. F. Goodrich Company, New York, N. Y. Pneumatic rubbery article and making same. 2,575,249, Nov. 13.
Connelly, Edward F., assignor of one-half to E. E. Stewart, St. Paul, Minn. Vehicle supported road sander. 2,577,310, Dec. 4.
Connelly, John H., assignor to Southwest Airways Company, Phoenix, Ariz. Loading aircraft. 2,569,557, Oct. 2.
Connelly, Robert V., University City, assignor to Monsanto Chemical Company, St. Louis, Mo. Dentifrice and preparing same. 2,556,959, June 12.
Conner, Clarence L., McFarland, Calif. Rotary side delivery rake. 2,545,723, Mar. 20.
Conner, Dewey L., Grand Rapids, Mich. Quick-change hook. 2,553,133, May 15.
Conner, Guy O., Cleveland Heights, Ohio, assignor, by mesne assignments, to Danly Machine Specialties, Inc. Forming machine. 2,541,573, Feb. 13.
Conner, Guy O., Cleveland Heights, Ohio, assignor, by mesne assignments, to Danly Machine Specialties, Inc. Forming machine. 2,542,630, Feb. 20.
Conner, Guy O., Cleveland Heights, Ohio, assignor, by mesne assignments, to Danly Machine Specialties, Inc. Eccentric adjusting mechanism. 2,547,197, Apr. 3.
Conner, Guy O., Cleveland Heights, Ohio. Template. 2,548,197, Apr. 10.
Conner, Guy O., Cleveland Heights, Ohio, assignor, by mesne assignments, to Danly Machine Specialties, Inc. Forming apparatus. 2,564,354, Aug. 14.
Conner, Harvey G., Klamath Falls, Oreg. Table and box convertible structure. 2,553,082, May 15.
Conner, Joshua C., Jr., assignor to Hercules Powder Company, Wilmington, Del. Electrolytic reduction of hydroperoxides. 2,543,763, Mar. 6.
Conner, Leon, Dallas, Tex. Oven. 2,576,252, Nov. 27.
Conner, Ralph E., St. Louis, Mo. Check valve. 2,575,944, Nov. 20.
Connolly, Gerald C., Elizabeth, N. J., and R. E. Schexnailder, Jr., Hope Villa, La., assignors to Standard Oil Development Company. Titania gels and their manufacture. 2,553,402, May 15.
Connolly, Thomas L., assignee: *See—*
Headrick, Lester L.
Connor, John C., Wilkinsburg, Pa., and T. Fahrner, Whittier, Calif., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Control means for radiation detectors. 2,571,838, Oct. 16.
Connor, Thomas J., Lower Merion, Pa., assignor to General Electric Company. Porosity tester for coating materials. 2,572,597, Oct. 23.
Connor, W. B., Engineering Corp., assignee: *See—*
Daninhirsch, Harry.
Dauphinee, George S.
Connor, Walter F., assignor to Hub Hosiery Mills, Lowell, Mass. Cloth top sock. 2,571,543, Oct. 16.
Connors, George, assignor to Highway Trailer Company, Edgerton, Wis. Automatic brake applying mechanism. 2,577,071, Dec. 4.
Connors, George H., assignor to Highway Trailer Company, Edgerton, Wis. Digging depth indicator for boring machines. 2,573,640, Oct. 30.
Connors, John, Hamden, assignor to The Greist Manufacturing Company, New Haven, Conn. Cloth-holding device for buttonhole attachments. 2,547,925, Apr. 10.
Connors, John, Hamden, assignor to The Greist Manufacturing Company, New Haven, Conn. Cloth-holding device for buttonhole attachments. 2,559,114, July 3.
Connors, John, Hamden, assignor to The Greist Manufacturing Company, New Haven, Conn. Cloth-holding device for buttonhole attachments. 2,559,115, July 3.
Conover, George E., Garland, and C. D. McClure, Dallas, Tex., assignors, by mesne assignments, to Socony-Vacuum Oil Company, Incorporated. Index for sensitive measuring instruments. 2,571,839, Oct. 16.
Conover, James H.: *See—*
Minnis, Bradford R., and Conover.
Conover, Seely J., Ilion, N. Y. Toy machine gun. 2,565,910, Aug. 28.
Conrad, George D.: *See—*
Thornburg, Herbal A., and Conrad.
Conrad, John F., Ebensburg, Pa. Electric cable connector of the clamping type. 2,549,665, Apr. 17.
Conrad, John F., assignor to Deltron Electric Products, Inc., Ebensburg, Pa. Electrical connector of the trolley tap type. 2,574,816, Nov. 13.
Conrad, John S., Sturbridge, and O. C. Franz, Southbridge, Mass. Fly tying device. 2,578,045, Dec. 11.
Conrad, Joseph, New Orleans, La. Combined telephone stand and utility cabinet. 2,563,988, Aug. 14.
Conrad, Louis J.: *See—*
Baldsiefen, Walter D., Conrad, and Linkhart.
Marasco, Martin, Conrad, and Moede.
Conrad, Samuel L., Columbus, Ohio. Combination furniture. 2,546,851, Mar. 27.
Conron, Eleanor B.: *See—*
Haley, Bernard S., and Conron.
Conron, John J., Middleboro, Mass. Baffle structure for combustion tube type burners. 2,570,771, Oct. 9.
Conroy, Charles L., assignee: *See—*
Stranberg, Don F.
Conroy, George A., Jacksonville, Fla., and E. M. Trammell, Sr., assignors to Huttig Sash & Door Co., St. Louis, Mo. Hanging means for sliding doors. 2,554,294, May 22.
Conschafter, Victor S., Buffalo, N. Y. Chiropractic demonstrating equipment. 2,537,573, Jan. 9.
Conser, Hugh F., assignor to Shedd-Bartush Foods, Incorporated, Detroit, Mich. Carton folding machine. 2,541,914, Feb. 13.
Consoletti, Paul C., Milford, assignor to Draper Corporation, Hopedale, Mass. Harness frame for looms. 2,556,468, June 12.
Consoletti, Paul C., Milford, assignor to Draper Corporation, Hopedale, Mass. Shuttle guard. 2,572,111, Oct. 23.
Consolidated Cosmetics, assignee: *See—*
Heath, Clifford J., Lawrence, and Kolar.
Consolidated Edison Company of New York, Inc., assignee: *See—*
Kehoe, Arthur H.
Consolidated Engineering Corporation, assignee: *See—*
Berry, Clifford E.
Hawley, Paul F.
Richardson, Arthur D.
Robinson, Charles F.
Sink, Robert L.
Washburn, Harold W.
Consolidated Gas Electric Light and Power Company of Baltimore, assignee: *See—*
Betz, Paul L.
Betz, Paul L., and Karrer.
Headley, Chester L.
Wolf, Edgar F., and von Hohenleiten.
Consolidated Machine Tool Corporation, assignee: *See—*
Coghill, James T., and Langdon.
Trosch, Alfred, and Forward.
Youtz, Donald E.
Consolidated Mining and Smelting Company of Canada, The, assignee: *See—*
McBean, Kenneth D.
Consolidated Mining and Smelting Company of Canada, Limited. The, assignee: *See—*
Bianco, Henry R., Busby, and Giles.
Consolidated Rendering Company, assignee: *See—*
Merriman, Charles J., and Huchberger.
Consolidated Sewing Machine & Supply Co., Inc., assignee: *See—*
Ingwer, Max, and Schwartz.
Schulder, Paul.
Tresenberg, Paul.
Consolidated Water Power & Paper Company, assignee: *See—*
Fisher, Harry C., and Sooy.
Consolidated Vultee Aircraft Corporation, assignee: *See—*
Applegate, Fredrick D.
Baker, Loyal S.
Bordelon, Lawrence J.
Bright, Joseph L.
Cutter, Paul R.
Divizia, Joseph.
Ehlers, Otto W.
Eldred, Wendell E.
Haltenberger, Jules.
Havens, Glenn G.
Ivans, William S., Jr.
Johnson, Francis B.
Kimball, John B.
Leboffe, Angelo H.
Lemmon, Robert R.
McPherren, Glen E.
Tindall, William I.
Consolidated Western Steel Corporation, assignee: *See—*
De Camp, Ray E.
De Camp, Ray E., and Hereford.
Noll, Paul E., and Aller.
Consolo, Michael D., Wilkinsburg, and G. V. Clanton, Jamestown, Pa.; said Consolo assignor to said Clanton. Fish lure and hook retriever. 2,553,173, May 15.
Constable, James M., Ozone Park, N. Y. Portable radiation detector. 2,549,058, Apr. 17.
Constant, Hayne, Farnborough Park, assignor to Power Jets (Research and Development) Limited, London, England. Turbine and the like. 2,565,594, Aug. 28.
Constant, Maurice C.: *See—*
Henquet, Andre J., and Constant.
Constantine, George R., and A. F. Ball, Haverhill, assignors to The Service Wood Heel Co., Lawrence, Mass. Machine for making wedge heels. 2,573,692, Nov. 6.

Constructional Engineering Company Limited, The, assignee: *See—*
Herbruggen, Heinrich S.
Constructions Electro-Mecaniques de Saint-Etienne, assignee: *See—*
Gérentès, Jean.
Contact Products, Inc., assignee: *See—*
Graves, Eliot D., and McDougal.
Container Corporation of America, assignee: *See—*
Acker, Ralph E.
Chidsey, Francis A., Jr.
Holy, Mitchel E.
Kells, Benjamin F., and D'Esposito.
Snyder, Leonard W.
Container Laboratories, Inc., assignee: *See—*
Hickox, Lee.
Contant, Peter R., and R. H. Sullivan, Rochester, N. Y., assignors to General Motors Corporation, Detroit, Mich. Electric clock drive. 2,572,989, Oct. 30.
Conti, John D., Philadelphia, Pa., assignor to American Viscose Corporation, Wilmington, Del. Apparatus for gluing packages. 2,571,204, Oct. 16.
Conti, Giampietro, assignor to Siemens Societa per Azioni, Milan, Italy. Gastight electrode seal. 2,551,420, May 1.
Contina Bureaux- und Rechenmaschinenfabrik Aktiengesellschaft, assignee: *See—*
Herzstark, Curt.
"Contina" Büro-und Rechenmachinenfabrik A. G., assignee: *See—*
Herzstark, Curt.
Continental Air Filters, Inc., assignee: *See—*
Gregory, William K.
Continental Aviation & Engineering Corporation, assignee: *See—*
Appleton, John M.
Bachle, Carl F.
Klinge, Earl R.
Parducci, William J.
Vincent, Edward T.
Continental Can Company, Inc., assignee: *See—*
Ardron, Gerald L., Dodge, and Chebuhar.
Benson, George A., Coyle, and Punte.
Clifcorn, Le Verne E.
Condon, Robert S.
Condon, Robert S., and Hatch.
Coyle, John, and Punte.
Dodge, Thomas C.
Feldman, Louis V.
Funke, Albert.
Furminger, William.
Goldsworthy, Norman H.
Henchert, John.
Hermani, Louis
Hook, George C.
Jackson, George F.
Johnson, Scott R.
Johnson, Scott R., and Mero.
Kronquest, Alfred L.
Kronquest, Alfred L., and Sedwick.
Lobrovich, William J.
Minnear, Festus L.
O'Neil, James H.
Pearson, Paul E.
Pearson, Paul E., and Treff.
Scott, Harry A., and Spieker.
Simpson, Justin.
Sjolin, Harry H.
Stammer, William C., and Breden.
Tomkins, Walter M.
Continental Decalcomania Company, assignee: *See—*
Black, James A., and Stouten.
Continental-Diamond Fibre Company, assignee: *See—*
Benge, Frank H.
Palmer, Raymond.
Continental Electric Company, assignee: *See—*
Lewin, Gerhard, and Benes, Jr.
Pakswer, Serge, and Benes.
Continental Gin Company, assignee: *See—*
Brooks, Eugene H.
Wright, Clayton G., and Thomas.
Continental, Incorporated, assignee: *See—*
Siesel, William M.
Continental Motors Corporation, assignee: *See—*
Aland, Richard C.
Altman, Peter.
Baker, Malvern S.
Beardsley, Gale R., and Hulbert.
Beyers, Meredith, and Sadony.
Ginn, Earl.
Hiss, Richard E.
Jackson, Thomas.
Continental Oil Company, assignee: *See—*
Athy, Lawrence F., and Prescott.
Beeth, Clarence D.
Bell, Alexander H.
Hinson, Howard H.
Mason, Joe H.
Meier, George.
Mertz, Howard A., and Hird.
Continental Radiant Glass Heating Corporation, assignee: *See—*
Lamb, Wade.
Continental Silver Co. Inc., assignee: *See—*
Kolisch, Emil.
Ruben, August.
Continuous Metalcast Corporation, assignee: *See—*
Rossi, Irving.
Contos, Albert: *See—*
Ingram, George O., and Contos.
Contraves A.-G., assignee: *See—*
Knecht, Fred M.
Control Instrument Company, Inc., assignee: *See—*
Braun, Karl J.
Herr, Donald L.
Leatherman, Clifford C.
Lehde, Henry C.
Libman, Earl E.
Libman, Earl E., and Lohse.
Trott, Timothy.
Wockenfuss, William.
Control Products, Inc., assignee: *See—*
Parkhurst, Malcolm K.
Controulis, John: *See—*
Banks, Clarence K., and Controulis.
Crooks, Harry M., Jr., Rebstock, Controulis, and Bartz.
Conviser, Harry, Ardsley, N. Y., assignor to Bendix Aviation Corporation, Teterboro, N. J. Electric motor control system. 2,545,343, Mar. 13.
Conway, George E., Cresskill, N. J. Crusher construction. 2,554,697, May 29.
Conway, John, Minneapolis, Minn. Rake cleaner attachment. 2,572,247, Oct. 23.
Conway, Joseph D., Cleveland Heights, assignor to Certified Chemical Company, Cleveland, Ohio. Machine for scrubbing rugs, floors and the like. 2,540,933, Feb. 6.
Conyers, Lloyd A., Compton, Calif. Gas clearing apparatus. 2,560,635, July 17.
Conzetti, Achille, and G. Schetty, assignors to J. R. Geigy A.-G., Basel, Switzerland. Chromable azo dyestuffs. 2,544,068, Mar. 6.
Cook, Albert W., assignor to Wingfoot Corporation, Akron, Ohio. Compound master cylinder. 2,545,685, Mar. 20.
Cook, Arthur S., and G. A. Grant, assignors to Ayerst, McKenna & Harrison, Limited, Montreal, Quebec, Canada. Preparing oestrogenic hormones from urine. 2,551,205, May 1.
Cook, Bates C., and J. Jokubonis, assignors to Cook & Chick Company, Chicago, Ill. Hopper feed means for fastener driving machines. 2,540,934, Feb. 6.
Cook, Bernard L.: *See—*
Coffin, David D., and Cook.
Cook Bros. Equipment Co., assignee: *See—*
Cook, Howard F., and Harbers.
Cook, Charles B., Los Angeles, Calif. Apparatus for sterilizing containers. 2,544,007, Mar. 6.
Cook, Charles J., East Lansing, assignor to Reo Motors, Inc., Iansing, Mich. Vehicle brake operating mechanism. 2,555,819, June 5.
Cook & Chick Company, assignee: *See—*
Cook, Bates C., and Jokubonis.
Cook, Curtiss L., assignor to Syracuse Chilled Plow Company, Inc., Syracuse, N. Y. Potato planter with rotating dispensing member having seed selecting means thereon. 2,564,879, Aug. 21.
Cook, Curtiss L., and J. R. Spurling, assignors to Syracuse Chilled Plow Co., Inc., Syracuse, N. Y. Wood saw attachment for tractors. 2,536,910, Jan. 2.
Cook, Donald, Great Falls, Mont. Punchboard amusement device. 2,572,110, Oct. 23.
Cook, Earle S., Forest Hills, G. T. McClure, McKeesport, and J. W. Rush, Wilkinsburg, Pa., assignors to Westinghouse Air Brake Company. Load compensating brake equipment. 2,575,943, Nov. 20.
Cook Electric Company, assignee: *See—*
Baker, John S.
Flubacker, Charles H.
Funk, William R.
Hasselhorn, Walter C., and Baker.
Cook, Ellsworth D., Scotia, N. Y., assignor to General Electric Company. Noncontacting width gauge. 2,548,590, Apr. 10.
Cook, Elmer W., New York, S. Kushner, Nanuet, N. Y., and P. H. Moss, Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Preparation of therapeutic substance. 2,552,478, May 8.
Cook, Elmer W., New York, N. Y., and P. H. Moss, Greenwich, Conn., assignors to American Cyanamid Company, New York, N. Y. Soluble calcium salts. 2,569,403, Sept. 25.
Cook, Elmer W., New York, N. Y., E. O. Hook, Old Greenwich, Conn., and S. Kushner, Nanuet, assignors to American Cyanamid Company, New York, N. Y. Preparation of azlactones of phenylacetamino acrylic acids. 2,569,801, Oct. 2.
Cook, Eugene B., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Vibrator. 2,566,316, Sept. 4.
Cook, Frank, Leominster, Mass. Spinning indicator amusement device. 2,560,158, July 10.
Cook, Frederick L., Brighton, Victoria, Australia. Hoisting apparatus. 2,564,801, Aug. 21.
Cook, George B., Summit, N. J., assignor to Standard Oil Development Company. Expansion joint seal. 2,547,746, Apr. 3.

Cook, George B., Summit, N. J., assignor to Standard Oil Development Company. Bubble tray and support structure. 2,565,355, Aug. 21.
Cook, George W., Washington, D. C. Electronic strain measuring system. 2,547,926, Apr. 10.
Cook, Glenn G.: *See*—
Rice, Curtis D., and Cook.
Cook, Gordon H., assignor to Taylor, Taylor & Hobson Limited, Leicester, England. Optical objective of the telephoto type. 2,543,354, Feb. 27.
Cook, Harold, Milwaukee, Wis. Reflective sign. 2,549,893, Apr. 24.
Cook, Harold L.: *See*—
Riverman, Francis E.
Van Beckum, William G., and Cook.
Cook, Harold M., New York, N. Y., assignor to The Nestle-Le Mur Company, Meriden, Conn. Electric preheater for hair curlers. 2,541,639, Feb. 13.
Cook, Homer C., Spokane, Mo. Halter weapon for cattle. 2,559,598, July 10.
Cook, Howard F., Pasadena, and H. C. Harbers, San Gabriel, Calif., assignors to Cook Bros. Equipment Co. Fifth wheel construction. 2,553,959, May 22.
Cook, Ivan R., Oregon City, Oreg. Electric air gun. 2,568,432, Sept. 18.
Cook, James A., Buffalo, N. Y. Slide fastener closure. 2,551,245, May 1.
Cook, James E.: *See*—
Scott, Walter A., and Cook.
Cook, James E., Poughkeepsie, assignor to The De Laval Separator Company, New York, N. Y. Sanitary foot mount for centrifuges and the like. 2,547,075, Apr. 3.
Cook, James E., Poughkeepsie, assignor to The De Laval Separator Company, New York, N. Y. Bearing assembly for centrifuges and the like. 2,556,317, June 12.
Cook, James E., Poughkeepsie, assignor to The De Laval Separator Company, New York, N. Y. Discharge assembly for centrifugal separators. 2,574,531, Nov. 13.
Cook, James F.: *See*—
Fischer, Paul W., and Cook.
Cook, James M., R. C. Lang, and S. C. Salter, assignors to Kalamazoo Stove & Furnace Co., Kalamazoo, Mich. Cooking range. 2,539,060, Jan. 23.
Cook, James W., Waltham, Mass. Test adapter. 2,578,288, Dec. 11.
Cook, Jay W., Detroit, Mich. Mechanical control mechanism. 2,551,825, May 8.
Cook, Jerome E., Larchmont, N. Y., assignor to Bigelow-Sanford Carpet Co., Inc., Thompsonville, Conn. Fabric cutter. 2,567,102, Sept. 4.
Cook, John B., Chicago, Ill., assignor of one-half to R. D. Collins, Beverly Hills, Calif., and one-half to The Whitney Blake Company, Hamden, Conn. Apparatus for making retractile cords. 2,575,747, Nov. 20.
Cook, Kenneth W.: *See*—
Harrow, Murray, and Cook.
Cook, Lawrence H., Menlo Park, Calif. Grenade. 2,564,751, Aug. 21.
Cook, Leland E.: *See*—
Hansen, Oswald A., and Cook.
Cook, Leo M., Hartford, Ill. Glass retainer. 2,546,430, Mar. 27.
Cook, Louis B., Washington, D. C. Amusement device embodying a simulated racing game. 2,555,785, June 5.
Cook, Luton L., and E. H. Krautheim, assignors to Lacledé-Christy Company, St. Louis, Mo. Dearing method. 2,553,359, May 15.
Cook, Lyman, assignor to The Foxboro Company, Foxboro, Mass. Pressure measuring device. 2,539,892, Jan. 30.
Cook, Percy, Waltham, Mass. Thread-pulling machine. 2,536,594, Jan. 2.
Cook, Ralph H., Columbus, Nebr. Husking roller. 2,579,906, Dec. 25.
Cook, Richard F., assignee: *See*—
Evans, McCoy.
Cook, Roland T., assignor to New Jersey Optical Company, Irvington, N. J. Spectacle frame made of tubular metallic stock. 2,576,778, Nov. 27.
Cook and Schermerhorn: *See*—
Riverman, Francis E.
Cook, Stanley V.: *See*—
Bishop, Alfred E., and Cook.
Cook, Walter A.: *See*—
Rueggeberg, Walter H. C., Catlin, and Cook.
Cook, Wayne S., Grand Rapids, Mich., assignor to Sackner Products, Inc. Lubricant filter. 2,547,857, Apr. 3.
Cook, Wayne S., Grand Rapids, Mich., assignor to Sackner Products, Inc. Packing cord, beading cord, edge roll, or the like. 2,557,343, June 19.
Cook, Wayne S., Grand Rapids, Mich., assignor to Sackner Products, Inc. Filter element. 2,569,745, Oct. 2.
Cook, Wendell S., Houghton, Mich., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Reclaiming rubbers with reaction product of polyalkylcyclohexanol and sulfur chloride. 2,560,048, July 10.
Cook, Wendell S., Houghton, Mich., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Alkylphenol sulfoxides. 2,560,049, July 10.
Cook, Wendell S., Houghton, Mich., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Reclaiming rubber with phenol sulfoxides. 2,560,050, July 10.
Cook, Wilfred J., and J. H. Tuck, Port Colborne, Ontario, Canada, assignors to The International Nickel Company, Inc., New York, N. Y. Starting sheet for electrolytic separation of nickel. 2,578,968, Dec. 18.
Cook, William F., San Diego, Calif. Piston ring. 2,579,031, Dec. 18.
Cook, William W., Washington, D. C. Adjustable holder for meat during carving. 2,565,802, Aug. 28.
Cook, Wm. H., assignee, trustee: *See*—
Sweeny, Robert D., and Coutchure.
Cooke, Albert E.: *See*—
Martin, Charles S., Colton, and Cooke.
Cooke, Albert W. M.: *See*—
Finlayson, Donald, and Cooke.
Cooke, Alfred: *See*—
Krattebol, Alf M., and Cooke.
Cooke, Ansel, Seattle, Wash. Rod carrier. 2,536,797, Jan. 2.
Cooke, Arthur H., Brentry, near Bristol, and R. H. Mumford, Bushey, assignors to Aviation Developments Limited, London, England. Tool for marking animals' ears for identification. 2,570,048, Oct. 2.
Cooke, Charles S., Joliet, and L. Z. Barnard, Lockport Township, Ill. Roller skate. 2,552,035, May 8.
Cooke, Francis C., Hartford, Conn. Attachment for floor sanders or the like. 2,544,377, Mar. 6.
Cooke, Theodore F.: *See*—
Creely, Joseph W., and Cooke.
Cooley, Austin G.: *See*—
Dalton, Harold R., and Cooley.
Cooley, Austin G., assignor to Times Facsimile Corporation, New York, N. Y. Facsimile scanning apparatus. 2,551,726, May 8.
Cooley, Charles W., assignee: *See*—
Raymond, Winthrop H., and Harper.
Cookman, Helen C., New York, N. Y. Sam Browne belt. 2,564,564, Aug. 14.
Cookman, Helen C., assignor to M. E. Cookman, New York, N. Y. Trouser construction. 2,571,203, Oct. 16.
Cookman, Mary E., assignee: *See*—
Cookman, Helen C.
Cooksey, Warren B.: *See*—
Puschelberg, George C., and Cooksey.
Cookson, Clarence F., Fairhaven, Mass. Rearview automobile mirror. 2,536,872, Jan. 2.
Cookson, Leonard T., assignor to The Upjohn Company, Kalamazoo, Mich. Container cleaning machine. 2,568,949, Sept. 25.
Coolerator Company, The, assignee: *See*—
Ganzer, John H.
Cooley, Austin G., assignor to Times Facsimile Corporation, New York, N. Y. Facsimile control mechanism for effecting curvilinear scanning or recording. 2,575,442, Nov. 20.
Cooley, Hal, assignor to M. J. Noregaard, Portland, Oreg. Key operated switch. 2,566,017, Aug. 28.
Cooley, Jake C., Drift, Ky. Mobile conveyer. 2,541,462, Feb. 13.
Cooley, Lenore B., deceased, New York, N. Y.; The First National Bank of Santa Fe, Santa Fe, N. Mex., executor. Child's garment. 2,569,845, Oct. 2.
Cooley, Lenore B., deceased, New York, N. Y.; First National Bank of Santa Fe, executor. Woman's petticoat. 2,574,861, Nov. 13.
Coombes, Joseph H., Detroit, Mich., assignor to The Budd Company, Philadelphia, Pa. Cushioned railway wheel. 2,548,839, Apr. 10.
Coombs, Clarence T., Frederick, Okla. Fishing rod holder. 2,548,351, Apr. 10.
Coomes, Edward A., and P. W. Forsbergh, Jr., Cambridge, Mass., assignors, by mesne assignments, to the United States of America as represented by the Secretary of War. Manufacturing coated elements for electron tubes. 2,543,439, Feb. 27.
Coon, Edwin L., assignor to S. Howes Co., Inc., Silver Creek, N. Y. Mechanism for supporting, raising, and lowering the brushes of vibrating screens. 2,537,878, Jan. 9.
Coon, James P., Syracuse, N. Y., assignor to General Electric Company. Flexible antenna mounting. 2,546,026, Mar. 20.
Cooney, John L., Erie, Pa. Air pilot valve. 2,575,209, Nov. 13.
Cooney, Thomas F., New Haven, Conn. Convertible davenport and bed. 2,573,892, Nov. 6.
Coonly, Philip E., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Heated propeller covering. 2,564,325, Aug. 14.
Coonradt, Harry L., Woodbury, and H. D. Hartough, Pitman, N. J., assignors to Socony-Vacuum Oil Company, Incorporated. Pentachlorothiolane and producing the same. 2,549,576, Apr. 17.
Coons, Curtis C.: *See*—
Sutton, Otis B., and Coons.
Coons, Curtis C., assignor to The Hoover Company, North Canton, Ohio. Controlled absorber cooler in refrigerator. 2,544,916, Mar. 13.
Coons, Curtis C., Canton, assignor to The Hoover Company, North Canton, Ohio. Control means in absorption refrigeration system. 2,557,373, June 19.
Coons, Curtis C., assignor to The Hoover Company, North Canton, Ohio. Multitemperature absorption refrigerating system using multiple stages of generation. 2,560,790, July 17.

Coons, Curtis C., assignor to The Hoover Company, North Canton, Ohio. Refrigeration. 2,566,170, Aug. 28.
Coons, Curtis C., assignor to The Hoover Company, North Canton, Ohio. Absorption refrigeration. 2,566,171, Aug. 28.
Coons, Omer B., and H. P. Dukes, Crawfordsville, Ind. Conductor pipe hanger. 2,547,813, Apr. 3.
Cooper, Allyn R., assignor of one-half to H. M. Cooper, Marshalltown, Iowa. Gas engine throttle control. 2,570,429, Oct. 9.
Cooper, Arthur M., and J. Bening, Chicago, Ill., assignors to Town Fashions Inc. Shirt. 2,579,550, Dec. 25.
Cooper, Basil P., Leicester, England, assignor to United Shoe Machinery Corporation, Flemington, N. J. Two-part rivet. 2,536,353, Jan. 2.
Cooper, Benjamin, New York, and S. A. Kroll, Brooklyn, N. Y., said Kroll assignor to said Cooper. Vehicle detecting device. 2,578,046, Dec. 11.
Cooper-Bessemer Corporation, assignee: *See*—
Boyer, Ralph L.
Gehres, Hewitt A., and Bovard.
Cooper, Cecil E., Leavenworth, Kans. Combination food container and serving tray. 2,539,893, Jan. 30.
Cooper, Cedric B., Vancouver, British Columbia, Canada. Tube closure. 2,547,306, Apr. 3.
Cooper, Corbet, Beaver Dam, Ky. Portable power-driven hack saw. 2,568,791, Sept. 25.
Cooper, Daisy, Washington, D. C. Girdle type garment. 2,569,229, Sept. 25.
Cooper, Dexter P., Jr., assignor to Polaroid Corporation, Cambridge, Mass. Optical element of polymerized methacrylate resin coated with thin film of thermoset resin. 2,575,998, Nov. 20.
Cooper, Douglas E.: *See*—
McDuffie, Harold F., Jr., and Cooper.
Cooper, Douglas E., assignor to Bristol Laboratories Inc., Syracuse, N. Y. Penicillin anhydrides. 2,577,699, Dec. 4.
Cooper, Douglas E., assignor to Bristol Laboratories, Inc., Syracuse, N. Y. Bicyclohexylamine salt of penicillin. 2,578,641, Dec. 11.
Cooper, Frank T., Santa Cruz, Bombay, India. Electronic device for sound reproduction of musical instruments. 2,565,911, Aug. 28.
Cooper, Franklin D.: *See*—
Tiddy, William, and Cooper.
Cooper, George W., Drointon, Stowe-by-Chartley, England. Ledger bar adjustment for mowing machines. 2,558,340, June 26.
Cooper, Grover, West Trenton, W. Reussner, Montclair, and F. T. May, Verona, N. J., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Lead wire positioner. 2,554,013, May 22.
Cooper, Hal B. H., Bound Brook, and C. E. Mensing, Somerville, N. J., assignors to American Cyanamid Company, New York, N. Y. Apparatus for the manufacture of mercaptobenzothiazole. 2,552,260, May 8.
Cooper, Hal B. H., Bound Brook, and C. E. Mensing, Somerville, N. J., assignors to American Cyanamid Company, New York, N. Y. Manufacture of mercaptozenzothiazole. 2,567,146, Sept. 4.
Cooper, Harold G., Belmont, and H. L. Schultz, Wellesley, Mass., assignors, by mesne assignments, to the United States of America as represented by the Secretary of the Navy. Tuning of electrical resonators. 2,561,727, July 24.
Cooper, Harold M., assignee: *See*—
Cooper, Allyn R.
Cooper, Harold S. G., Cambridge, and H. L. Schultz, Wellesley, assignors, by mesne assignments, to the United States of America as represented by the Secretary of War. Communication system. 2,577,512, Dec. 4.
Cooper, Hugh S., Shaker Heights, assignor to W. M. Weil, Cleveland, Ohio. Electrolytic method of making boron. 2,572,248, Oct. 23.
Cooper, Hugh S., Shaker Heights, assignor to W. M. Weil, Cleveland, Ohio. Electrolytic production of elemental boron. 2,572,249, Oct. 23.
Cooper, James B.: *See*—
Jepson, Alfred B., and Cooper.
Cooper, James F., Darby, Mont. Horizontally swinging auxiliary seat for barbers, dentists, and the like. 2,565,595, Aug. 28.
Cooper, Kenneth K., Fort Wayne, Ind., assignor to General Electric Company. Compressor head cooling system for refrigerator machines. 2,577,107, Dec. 4.
Cooper, La Mar S., Cedar Rapids, Iowa, assignor to General Electric Company. Controlled humidity refrigerator. 2,580,219, Dec. 25.
Cooper, La Mar S., Cedar Rapids, Iowa, assignor to General Electric Company. Secondary refrigeration system. 2,580,220, Dec. 25.
Cooper, Lonzo S., Piqua, assignor to General Motors Corporation, Dayton, Ohio. Apparatus for testing thermostatic controls. 2,552,087, May 8.
Cooper, Lyle M., Rahway, N. J., assignor to Standard Oil Development Company. Spray head for fluid receptacles. 2,545,991, Mar. 20.
Cooper, Nelson D.: *See*—
Siekmann, Harold J., Kemper, and Cooper.
Cooper, Nelson D., Mariemont, assignor to The R. K. Le Blond Machine Tool Co., Cincinnati, Ohio. Electrically operated servo power actuator. 2,556,318, June 12.
Cooper, Oliver H., Burley, Idaho. Mechanical fork. 2,550,329, Apr. 24.
Cooper, Philip A.: *See*—
Compton, Wallace W., and Cooper.
Cooper, Theodore I., Detroit, Mich. Lady's garment construction. 2,573,545, Oct. 30.
Cooper, Victor J., Writtle, England, assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Variable inductance device. 2,554,295, May 22.
Cooper, Victor J., Writtle, England, assignor to Radio Corporation of America. Variable inductance for use on very high frequencies. 2,560,685, July 17.
Cooper, Weaver B., Akron, Ohio. Oil produced from eggs. 2,555,731, June 5.
Cooper, William B., and P. A. Burgemeister, assignors to Crown Cork & Seal Company, Inc., Baltimore, Md. Current collector for electroplating apparatus. 2,575,409, Nov. 20.
Cooper, William H. B., Ruislip, and W. T. Duerdoth, Greenford, England. System for testing intermediate amplifiers. 2,550,782, May 1.
Cooperson, Norman, Camden, and A. W. Kingsbury, Moorestown, N. J., assignors to The Permutit Company, New York, N. Y. Filter and backwashing same. 2,562,699, July 31.
Coote, Harry E.: *See*—
Von Fraunhofer, Hans, and Coote.
Coote, Jack H., London, England. Production of multicolor photographic images. 2,555,681, June 5.
Coote, William R., Dallas, Oreg. Headlock knees on lumber mill carriage. 2,551,824, May 8.
Coots, Laurence H., Pine Beach, N. J. Utility tape. 2,563,674, Aug. 7.
Coover, Harry W.: *See*—
Dickey, Joseph B., and Coover.
Coover, Harry W., Jr.: *See*—
Dickey, Joseph B., and Coover.
Dickey, Joseph B., Coover, and Shearer.
Coover, Harry W., Jr., and J. B. Dickey, assignors to Eastman Kodak Company, Rochester, N. Y. Esters of alpha-acetaminoacrylic acid. 2,548,518, Apr. 10.
Coover, Harry W., Jr., Kingsport, Tenn., and J. B. Dickey, assignors to Eastman Kodak Company, Rochester, N. Y. Mixtures comprising polyacrylonitrile and a polyvinyl acetal. 2,571,683, Oct. 16.
Coover, Harry W., Jr., Kingsport, Tenn., and J. B. Dickey, assignors to Eastman Kodak Company, Rochester, N. Y. Mixtures comprising polyacrylonitrile and polymeric ester-lactones. 2,575,006, Nov. 13.
Cope, Frank T. and K. U. Wirtz, assignors to The Electric Furnace Company, Salem, Ohio. Strip threading apparatus. 2,549,666, Apr. 17.
Cope, John E.: *See*—
Lord, Arthur V., and Cope.
Copeland, Paul L.: *See*—
De Lany, Beatrice P., and Copeland.
Copelin, Harry B., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Production of hydroxyl compounds by hydrolysis of tetrahydropyryl ethers. 2,541,747, Feb. 13.
Copeman Laboratories Company, assignee: *See*—
Copeman, Lloyd G.
Plouff, Clifford E.
Copeman, Lloyd G., Metamora, assignor to Copeman Laboratories Company, Flint, Mich. Method and apparatus for the manufacture of cigarettes. 2,543,277, Feb. 27.
Copenhaver, John W., Easton, Pa., assignor to General Aniline & Film Corporation, New York, N. Y. Resinous acetals and producing and hydrolyzing the same to produce unsaturated aldehydes. 2,543,312, Feb. 27.
Copenhaver, John W., Easton, Pa., assignor to General Aniline & Film Corporation, New York, N. Y. Production of acetals and β-haloaldehydes. 2,550,637, Apr. 24.
Copenhaver, John W., Easton, Pa., assignor to General Aniline & Film Corporation, New York, N. Y. Reaction of vinyl ethers with thiols. 2,551,421, May 1.
Copenhaver, John W., Easton, Pa., assignor to General Aniline & Film Corporation, New York, N. Y. Acetals of trihalo propionaldehyde and preparing same. 2,556,905, June 12.
Copenhaver, John W., Easton, Pa., assignor to General Aniline & Film Corporation, New York, N. Y. Tetrahydro pyran and furan derivatives and producing the same. 2,561,307, July 17.
Copley, Lewis L.: *See*—
Matthews, Charles S., and Copley.
Copley, Maurice, Metropolis, Ill. Adjustable spraying apparatus. 2,551,789, May 8.
Copley, Welford E.: *See*—
Johansen, Gordon W., and Copley.
Coplon, Sherman S., Kenmore, N. Y. Drapery attachment for dressing tables or vanities. 2,563,310, Aug. 7.
Coponat, Antoine C. M. H., Paris, France. Mechanical transmission. 2,560,216, July 10.
Copp, Frederick C.: *See*—
Walls, Leslie P., and Copp.
Copp, Melvin, Brentwood, N. H., assignor to Shoe Lace Company, Portland, Maine. Machine for winding shoelaces into coils. 2,564,803, Aug. 21.
Copp, William, assignor to Callander Foundry & Manufacturing Co., Limited, Guelph, Ontario, Canada. Woodworking machine blade guard. 2,536,627, Jan. 2.

Copp, William, assignor to The Callender Foundry & Manufacturing Co., Limited, Guelph, Ontario, Canada. Woodworking tool fence supporting structure. 2,575,250, Nov. 13.
Coppe, Jerome T., Chicago, Ill. Sponge and squeegee cleaner. 2,572,112, Oct. 23.
Copper Clad Products Inc., assignee: *See*—
Schoor, Samuel.
Copperweld Steel Company, assignee: *See*—
Ayers, Joseph G.
Copping, Bruce G.: *See*—
Wegman, Evert S., and Copping.
Copping, Bruce G., Atlanta, Ga., assignor to Don Manufacturing Company, Chicago, Ill. Temperature regulating system. 2,537,121, Jan. 9.
Copping, Bruce G., Fulton County, Ga., assignor to The Coca-Cola Company, Wilmington, Del. Peristaltic pump. 2,544,628, Mar. 6.
Copping, Bruce G., Fulton County, Ga., assignor to The Coca-Cola Company, Wilmington, Del. Valve. 2,552,479, May 8.
Copping, Bruce G., Atlanta, Ga., assignor to The Coca-Cola Company, Wilmington, Del. Truck body for carrying bottle cases. 2,574,017, Nov. 6.
Coprox, Inc., assignee: *See*—
Avery, Steven B.
Coquille, Alexandre, assignor to Societe Forges de Syam, Syam, France. Device for improving combustion in gasoline engines for automotive vehicles. 2,553,896, May 22.
Cor, Pierre: *See*—
Talet, Pierre A., and Cor.
Corah, N., & Sons Limited, assignee: *See*—
Harris, Thomas.
Corallo, Gaetano, Los Angeles, Calif. Quilted fabric and making the same. 2,564,959, Aug. 21.
Corbett, Gerald M.: *See*—
Pelton, Earl L., Wiggins, and Corbett.
Corbett, Gerald M., and N. W. Abernethy, assignors to The Dow Chemical Company, Midland, Mich. Light-stabilized compositions of vinylidene chloride or vinyl chloride. 2,558,701, June 26.
Corbett, Lawrence B., Binghamton, assignor to International Business Machines Corporation, New York, N. Y. Electrolysis etching device. 2,536,912, Jan. 2.
Corbett, Lawrence B., Binghamton, assignor to International Business Machines Corporation, New York, N. Y. Coating device for engraved cylinders. 2,543,895, Mar. 6.
Corbett, Ray F., Lewisburg, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Reproducing device having link means for producing high compliance in the direction of the stylus drag. 2,549,757, Apr. 24.
Corbitt, Arthur R., assignor of 40 per cent to T. H. Lever, Sr., Charlotte, N. C. Bubble blower. 2,561,974, July 24.
Corcoran, James P., and J. D. Stack, assignors to Twentieth Century-Fox Film Corporation, Los Angeles, Calif. Detecting sound track imperfections. 2,538,354, Jan. 16.
Corcoran, Lyle S., assignee: *See*—
Lachmiller, Henry W.
Corcoran, Lyle S., Hollywood, Calif. Device for conditioning and reloading cartridge cases. 2,550,973, May 1.
Corcoran, Patrick J., Memphis, Tenn. Tie wire clamp. 2,579,650, Dec. 25.
Corder, Ishmael W., assignor to Thomson Tool Company, Iowa Park, Tex. Bearing seal. 2,568,056, Sept. 18.
Cordes, Edwin H., Bayside, N. Y. Garment rack. 2,557,262, June 19.
Cordes, Henry P., Modesto, Calif. Control device for power actuated lifts on tractors. 2,540,429, Feb. 6.
Cordes, Henry P., Modesto, Calif. Plant setter. 2,565,548, Aug. 28.
Cordes, John E., Lakeville, assignor to The Astatic Corporation, Conneaut, Ohio. Piezoelectric phonograph pickup. 2,575,999, Nov. 20.
Cordis, Nat, Wilmot, Wis. Silo blanket. 2,542,996, Feb. 27.
Cordless Blind Company, The, assignee: *See*—
Hackedorn, Hillis F., Jr.
Cordonnier, Gérard, Paris, France. Projection micro-document reading lamp device. 2,562,297, July 31.
Cordrey, Richard N., and D. E. Wright, Toledo, Ohio, assignors to The National Supply Company, Pittsburgh, Pa. Cable anchor for winding drums. 2,571,341, Oct. 16.
Cordrey, William R., Toledo, Ohio. Window construction. 2,566,554, Sept. 4.
Core, James A., Detroit, Mich. Pharmaceutical kit. 2,542,397, Feb. 20.
Core Recorder, Inc., assignee: *See*—
Millison, Clark D.
Core, Thomas H., Glendale, Calif. Automobile door joint scuff plate. 2,542,181, Feb. 20.
Corex Limited, assignee: *See*—
Isserstedt, Siegfried G.
Corey, James J., Elmhurst, N. Y. Bubbler outlet and deflection plate for water coolers. 2,578,047, Dec. 11.
Corl and Fleming, assignee: *See*—
Corl, Oliver A., Jr., and Nelson.
Corl, James G., Fullerton, assignor to Royal Swan, Inc., Catasauqua, Pa. Stop motion for narrow fabric looms. 2,557,533, June 19.
Corl, Oliver A., Jr., and V. Nelson, assignors to Corl and Fleming, Fillmore, Calif. Flexible hitch. 2,577,002, Dec. 4.
Corl, Robert M., Maumee, assignor to The Strong Electric Corporation, Toledo, Ohio. Protecting arc lamp reflectors. 2,550,783, May 1.
Corley, Hoyt M.: *See*—
Ralston, Anderson W., and Corley.
Corman, Julian, Peoria, Ill., assignor to the United States of America as represented by the Secretary of Agriculture. Enzyme production. 2,557,078, June 19.
Cormany, David R., assignor to W. E. Knapp and P. Cavins, Jr., Long Beach, Calif. Testing apparatus for fluid pipe systems. 2,558,208, June 26.
Cormier, Gerard A., assignor to Jones & Lamson Machine Company, Springfield, Vt. Power cylinder and piston with leakage control. 2,570,647, Oct. 9.
Cormier, Joseph A.: *See*—
Cormier, Louis A. and J. A.
Cormier, Leo H., Detroit, Mich. Height gauge. 2,569,558, Oct. 2.
Cormier, Louis A. and J. A., Southbridge, Mass., assignors to Hemmel, Riglander & Co., Inc., New York, N. Y. Tool for contracting hollow watch parts. 2,566,695, Sept. 4.
Corn, Haskell J.: *See*—
Heinold, Cassius D., and Corn.
Corn Products Refining Company, assignee: *See*—
Durand, Harry W.
Krattebol, Alf M., and Cooke.
Newkirk, William B., Williams, Rietz, and Dunwody.
Stewart, Charles W.
Yelland, William E. C., and Jensen.
Corneaby, Clayton L.: *See*—
Cole, George H., Hoel, Neuendorf, and Corneaby.
Corneil, Ernest R., Niagara Falls, N. Y. Pumping means. 2,546,852, Mar. 27.
Corneil, Hampton G., Baytown, Tex., assignor, by mesne assignments, to Standard Oil Development Company, Elizabeth, N. J. Removal of iron from regenerated cracking catalyst fines. 2,580,004, Dec. 25.
Corneil, Hampton G., and J. C. Schiller, Baytown, Tex., assignors, by mesne assignments, to Standard Oil Development Company, Elizabeth, N. J. Regenerating and iron-contaminated cracking catalyst. 2,575,258, Nov. 13.
Cornelison, Victor A., assignee: *See*—
Evans, Eugene M.
Cornelius, Gail, assignor to R. M. Wade & Co., Portland, Oreg. Coupling means for irrigation pipes. 2,541,208, Feb. 13.
Cornelius, James R., Coventry, England. Electronic comparator for analyzing ferrous and nonferrous material. 2,576,173, Nov. 27.
Cornelius, Richard T., Minneapolis, Minn. Gas fractionating apparatus and method. 2,541,409, Feb. 13.
Cornelius, Richard T., Minneapolis, Minn. Dispensing device for carbonated beverages. 2,568,114, Sept. 18.
Cornell Aeronautical Laboratory, Inc., assignee: *See*—
Cartledge, Groves H.
Cornell-Dubilier Electric Corporation, assignee: *See*—
Deeley, Paul M.
Garstang, William W.
Garstang, William W., and McFarlane.
Hall, Stanley A.
Hings, Donald L.
Lee, Robert H.
Voyles, Richard M.
Weiss, Felix.
Cornell, Elton S., Charleston, N. H., assignor to Bryant Chucking Grinder Company, Springfield, Vt. Thread size gauge. 2,538,295, Jan. 16.
Cornell, Fritz G., Jr., Mountain Lakes, N. J., assignor, by mesne assignments, to Chester-Jensen Company, Chester, Pa. Embossed plate heat exchanger. 2,536,840, Jan. 2.
Cornell, Herman, administrator: *See*—
Spinasse, Arthur E., and Pumphrey.
Cornell Paperboard Products Co., assignee: *See*—
Edtmiller, Anthony G.
Cornell, Paul W., Mount Lebanon, assignor to Gulf Oil Corporation, Pittsburgh, Pa. Hydrodesulfurization process. 2,560,415, July 10.
Cornell, Paul W., Mount Lebanon, assignor to Gulf Oil Corporation, Pittsburgh, Pa. Starting a unit for high-temperature reactions. 2,569,846, Oct. 2.
Corner, Eugene S., Roselle, and C. S. Lynch, Planfield, N. J., assignors to Standard Oil Development Company. Oxidation carrier for the oxidation of hydrocarbons. 2,553,551, May 22.
Corner, George H. C., Sutton Coldfield, England, assignor to Lightning Fasteners Limited. Sliding clasp fastener. 2,546,088, Mar. 20.
Corner, James O., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Light-sensitive photographic stripping. 2,562,527, July 31.
Corner, James O., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Color former acetals of polyvinyl alcohol and substituted carbalkoxyacetamidobenzaldehydes. 2,562,528, July 31.
Cornet, Pierre: *See*—
Potier, Gaston, and Cornet.
Cornett, Jesse R.: *See*—
Hawkins, James E., and Cornett.
Corning, Donald R., Wick, Iowa. Dumping device. 2,539,507, Jan. 30.

Corning Glass Works, assignee: *See*—
Armistead, William H.
Beaumariage, Amos A., Wisner, and Dockerty.
Daudt, William H.
Davis, James K.
De Voe, Charles F.
Ellis, Richard B.
Gulliet, John P.
Hood, Harrison P.
Hyde, James F.
Hyde, James F., and Stookey.
Johannson, Oscar K.
Kohl, Charles F., Jr.
Littleton, Jesse T.
Mattoon, Deo R.
Mochel, John M.
Pond, Leander N.
Smith, Rowland D.
Spremulli, Paul F.
Stookey, Stanley D.
Warrick, Earl L.

Corning, Walter D., Knoxville, Tenn. Transparent display holder. 2,548,706, Apr. 10.

Cornish, Harold E., Ryde, New South Wales, Australia. Folding baby carriage. 2,545,069, Mar. 13.

Cornman, Guy L. and G. L., Jr., Gladwyn, and G. W. Vernon, Conshohocken, Pa.; said G. L. Cornman, Jr., and said G. W. Vernon, assignors to said G. L. Cornman. Apparatus for stringing tag blanks. 2,567,991, Sept. 18.

Cornman, Guy L., Jr.: *See*—
Cornman, Guy L. and G. L., Jr., and Vernon.

Cornock, Edward F., and F. B. Roberts, Springfield, assignors to Package Machinery Company, East Longmeadow, Mass. Gum wrapping machine. 2,540,430, Feb. 6.

Corns, Robert V., assignor to Boeing Airplane Company, Wichita Division, Wichita, Kans. Hydraulic actuating system with automatic follow-up. 2,550,137, Apr. 24.

Cornut, André-Robert, Ballaigues, Switzerland, assignor to Pignons S. A. Ballaigues. Viewing device for photographic apparatus and cinematographic cameras. 2,552,940, May 15.

Cornwall, Leo W., San Diego, Calif. Gas cooled spot-weld tip. 2,536,726, Jan. 2.

Cornwall, Leo W., San Diego, Calif. Solar heating assembly. 2,553,302, May 15.

Cornwell, Lionel B., New Canaan, Conn. Tone arm. 2,547,441, Apr. 3.

Cornwell, Ralph E., La Canada, Calif. Automatic balancing means for unbalanced rotary bodies. 2,555,678, June 5.

Cornwell, Ralph E., La Canada, Calif. Fluid displacement rotary machine. 2,555,679, June 5.

Cornwell, Ralph T. K., Fredericksburg, Va., assignor, by mesne assignments, to American Viscose Corporation, Wilmington, Del. Manufacture of moisture-proof sheet material. 2,575,443, Nov. 20.

Cornwell, Ralph T. K., Rosemont, Pa., assignor to American Viscose Corporation, Wilmington, Del. Protective coating composition for hams. 2,558,042, June 26.

Cornwell, Ralph T. K., Rosemont, E. J. Dunn, Drexel Hill, and A. W. Hunter, Chester, Pa., assignors to American Viscose Corporation, Wilmington, Del. Dialyzing membrane and dialysis. 2,574,533, Nov. 13.

Coro, Inc., assignee: *See*—
Donle, Edwin S.
Pasquale, Arthur.

Coronet Phosphate Company, assignee: *See*—
Hollingsworth, Clinton A.

Corper, Harry J., assignor to The National Jewish Hospital, Denver, Colo. Tuberculosis diagnostic composition. 2,553,552, May 22.

Corper, Harry J., assignor to National Jewish Hospital, Denver, Colo. Inert transdermal adhesive for use in making skin tests of specific biological reactions for various diseases. 2,554,241, May 22.

Corper, Harry J., assignor to The National Jewish Hospital, Denver, Colo. Preparing pure autolytic tuberculin. 2,554,242, May 22.

Correa, Sylvio C.: *See*—
Gomes, Charles, and Correa.

Corrigan, John D., New York, N. Y. Shoe sole straightener. 2,574,320, Nov. 6.

Corrington, Murlan S., Haddonfield, N. J., assignor to Radio Corporation of America. Signal amplitude controlling transformer loading circuit. 2,561,059, July 17.

Corro-Lith Corporation, assignee: *See*—
Slanhoff, Bertram.

Corrugated Packing and Sheet Metal Company Limited, The, assignee: *See*—
Nicholson, James B.

Corry, Stuart E.: *See*—
Woody, Wayland B., and Corry.

Corse, Joseph W.: *See*—
Behrens, Otto K., Jones, Soper, and Corse.

Corsere, Andrew, Mount Vernon, Ill. Vertical axis roundabout. 2,550,974, May 1.

Corsetry, Inc., assignee: *See*—
Brauss, Minnie W.

Corsi, Peter P., North Arlington, N. J. Fish lure. 2,575,797, Nov. 20.

Corsi, Telemaco, and L. Picchioni, Rome, Italy. Optical system for the determination of the focal point. 2,569,516, Oct. 2.

Corsini, Neri, Firenze, Italy. Electrolytic process and apparatus for making copper dust. 2,579,551, Dec. 25.

Corso, Frank S., Newark, N. J., and T. H. Crabtree, Ran-Incorporated, New York, N. Y. Unitary amplifier for hearing aids. 2,564,425, Aug. 14.

Corson, Almon J.: *See*—
Hoare, Stephen C., and Corson.

Corson, Almon J., Marblehead, Mass., assignor to General Electric Company. Temperature measuring apparatus. 2,547,625, Apr. 3.

Corson, Ben B., and W. M. Kutz, Pittsburgh, Pa., assignors, by mesne assignments, to Koppers Company, Inc. Preparation of cumene. 2,572,701, Oct. 23.

Corson, Ben B., and G. S. Black, assignors to Koppers Company, Inc., Pittsburgh, Pa. Picolinic acid recovery. 2,578,672, Dec. 18.

Corson, G. and W. H., Inc., assignee: *See*—
Brown, Charles R.
Minnick, Leonard J., and Brown.

Cortes, Edmundo, New York, N. Y. Corn abrasive file. 2,557,175, June 19.

Cortland Line Company, Inc., The, assignee: *See*—
Hoyle, Egbert P.

Cortright, Robert E., assignor to Eastman Kodak Company, Rochester, N. Y. Condensation pump. 2,572,449, Oct. 23.

Cortsen, Eiler J., Copenhagen, Denmark. Retractable wheel arrangement for baggage. 2,577,951, Dec. 11.

Corwin, Bernard, Easton, Pa. Garment bag frame construction. 2,554,483, May 29.

Corwin, Harold R., and J. Wexler, Chicago, Ill. Carrying case, more particularly for keys. 2,566,118, Aug. 28.

Corwin John F., Unadilla, J. R. Calhoun, Bainbridge, and T. M. Buzzo, Unadilla, assignors to The Borden Company, New York, N. Y. Hardening casein artificial fibers with titanium, zirconium or tin salts. 2,567,184, Sept. 11.

Cory Corporation, assignee: *See*—
Frankel, Samuel H.
Karlen, Harvey R.
Peters, Herbert W.
Peters, Herbert W., Crossley, and Gagan.
Seil, Lewis W.

Cory, Dewey, Dousman, Wis. Distributing hopper and agitator. 2,553,403, May 15.

Cory, Frank L., Central Valley, and E. A. Hayden, Callahan, Calif. Auger rock drill bit. 2,558,341, June 26.

Corydon, Jeff, II, Cranston, R. I., assignor to Morse Boulger Destructor Company. Soft tubing connector. 2,545,263, Mar. 13.

Corzilius, Alvin B., Lawrence Park Township, Erie County, Pa. Production control board. 2,544,445, Mar. 6.

Cosby, Eric L. H., London, England. Toilet comb. 2,571,205, Oct. 16.

Cosby, James R.: *See*—
Sturm, Ralph E., and Cosby.

Cosby, James R., Towson, assignor to Bendix Aviation Corporation, Baltimore, Md. Trigger circuit. 2,549,667, Apr. 17.

Cosby, James R., Towson, Md., assignor to Bendix Aviation Corporation, South Bend, Ind. Condition responsive measuring apparatus. 2,558,342, June 26.

Cosby, James R., Towson, assignor to Bendix Aviation Corporation, Baltimore, Md. Oscillation generating apparatus. 2,558,343, June 26.

Cosby, John N.: *See*—
Porter, Frank, and Cosby.
Timm, Lyle A., and Cosby.

Coscia, Joseph F., Waterbury, Conn. Wick type removable oil burner. 2,568,321, Sept. 18.

Cosdon, Walter B., Arlington, Va. Combination can opener and pouring spout. 2,551,099, May 1.

Cosgrave, Austin B., Remsenburg, N. Y. Anticipating thermostat. 2,575,005, Nov. 13.

Coshow, Chester L., Maracaibo, Venezuela. Pipe tongs. 2,552,521, May 15.

Cosman, Bernard J., Arlington, assignor to Harvey Radio Laboratories, Inc. Cambridge, Mass. Power supply regulation. 2,555,680, June 5.

Cosmos Dental Products, Inc., assignee: *See*—
Taylor, Philander B.

Cosner, Ernest P., Laramie, Wyo. Feed receptacle for dogs and cats. 2,555,396, June 5.

Cosnett, Charles H., Kingsville, Ohio. Dual control for the throttle and reversing means of pressure fluid engines. 2,548,198, Apr. 10.

Coss, George R., Detroit, Mich., assignor to Eureka Williams Corporation. Handle lock for suction cleaners. 2,542,120, Feb. 20.

Coss, George R., St. Clair Shores, assignor to Flex-O-Tube Company, Detroit, Mich. Making high-pressure swivel hose couplings. 2,574,625, Nov. 13.

Coss, George R., and K. M. Hammel, Detroit, Mich., assignors to Eureka Williams Corporation. Garbage grinder. 2,567,992, Sept. 18.

Cossor, A. C., Limited, assignee: *See*—
Bedford, Leslie H., Bell, and Langham.
Bedford, Leslie H., and Wynn.
Fleming-Williams, Brian C.

Cossor, A. C., Limited, assignee: *See*—Continued.
Fleming-Williams, Brian C., and Allen.
Jofeh, Lionel.
Strafford, Frederick R. W.
Waye, Basil E., and Mitchell.
Whiteley, Joseph W.
Wynn, Arthur H. A.
Cossor Radar Limited, assignee: *See*—
Levin, Arthur.
Costantino, Celestino, Orlando, Fla. Circulating cleaning device for spray gun nozzles. 2,569,125, Sept. 25.
Costanzo, William M., Weehawken, N. J. Center extension table with detachable hinged supports. 2,554,014, May 22.
Costea, Louis, Brea, Calif. Inflatable jet-propelled elastic toy. 2,549,428, Apr. 17.
Costello, Anne C., Boston, Mass. Face rest. 2,551,727, May 8.
Costello, Francis G., Los Angeles, Calif. Lock nut. 2,546,332, Mar. 27.
Costello, Frank E., Philadelphia, Pa. Positive case emptying device for cartridge disassembling machines. 2,565,474, Aug. 28.
Costello, Frank J., assignor to Federal Tin Company, Incorporated, Baltimore, Md. Hinged plug cover for containers. 2,564,298, Aug. 14.
Costello, Jerome P., Cincinnati, Ohio. Clamp for bars, rods, and the like. 2,554,015, May 22.
Costello, William S., Washington, D. C. Cuff ironing machine. 2,561,463, July 24.
Costelow, John F., Kansas City, Mo. Insulation cutter. 2,561,099, July 17.
Costenbader, Frank D., Washington, D. C., and W. W. Hall, Arlington, Va. Eye testing instrument. 2,583,546, Oct. 30.
Costin, William B., Seminole, Tex. Fishing tool. 2,550,228, Apr. 24.
Costner, Wayne D., Stevens Point, Wis. Apparel belt. 2,542,479, Feb. 20.
Cosulich, Donna B.: *See*—
Seeger, Doris R., and Cosulich.
Cosulich, Donna B., Bound Brook, N. J., assignor to American Cyanamid Company, New York, N. Y. Nitroso derivatives of substituted pteridines and preparing the same. 2,537,006, Jan. 9.
Cosulich, Donna B., Bound Brook, N. J., assignor to American Cyanamid Company, New York, N. Y. Preparing pteridines. 2,563,707, Aug. 7.
Cotchett, Louis M., Hingham, Mass., assignor, by mesne assignments, to Chicopee Manufacturing Corporation. Forming webs. 2,562,891, Aug. 7.
Cotner, John C., Logansport, Ind., assignor to L. D. Long, Charleston, S. C. Collapsible form. 2,549,758, Apr. 24.
Cotner, John C., Logansport, Ind., assignor to L. D. Long, Charleston, S. C. Louver construction. 2,577,072, Dec. 4.
Cotner, Walter W., Ithaca, N. Y., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Electronic motor control system. 2,550,105, Apr. 24.
Cotsworth, Albert III, Oak Park, Ill., assignor to Zenith Radio Corporation. Television program metering system. 2,570,209, Oct. 9.
Cotsworth, Albert, III, Oak Park, Ill., assignor to Zenith Radio Corporation. Television receiver. 2,573,248, Oct. 30.
Cottage Donuts, Inc., assignee: *See*—
Emerson, Alfred, Jr., and Schmidt.
Cotten, Dennis M., Dallas, Tex. Fan mounting. 2,558,541, June 26.
Cotten, Ernest W.: *See*—
Reynolds, William B., and Cotten.
Cotter Manufacturing Co., Inc., assignee: *See*—
Cotter, William A.
Cotter, William A., assignor to Cotter Manufacturing Co., Inc., New York, N. Y. Atomizer with means for concealing plungers and nozzles. 2,568,057, Sept. 18.
Cottingham, Henry P., Indianapolis, Ind. Collapsible receptacle. 2,560,089, July 10.
Cotton, Dwight M., Oakland, Calif. Luggage rack for automobiles. 2,574,018, Nov. 6.
Cotton, E. M., Appliances Inc., assignee: *See*—
Miller, Harry H.
Cotton & Frank Company, assignee: *See*—
Cotton, Philip.
Cotton, Jesse E., Portsmouth, Va. Tool for cleaning pipes and fittings. 2,551,875, May 8.
Cotton, Philip, assignor to Cotton & Frank Company, Worcester, Mass. Storybook block set. 2,538,085, Jan. 16.
Cotton, Robert B., Lansdowne, Pa., assignor to All American Airways, Inc. Air-driven impeller. 2,550,229, Apr. 24.
Cotton, Thomas J., Jr., Santa Monica, Calif., assignor, by mesne assignments, to the United States of America as represented by the Secretary of the Navy. Gas turbine apparatus. 2,553,512, May 15.
Cotton, William, Limited, assignee: *See*—
Start, Harry W. and E.
Cottrell, C. B., & Sons Company, assignee: *See*—
Luehrs, Hans J.
Cottrell, Holland D.: *See*—
Clarke, Alick, and Cottrell.
Cottrell, Jack A.: *See*—
Armitage, Frank, Cottrell, and Hewitt.
Cottrell, Robert B., assignor to American Steel Foundries, Chicago, Ill. Snubbed truck. 2,536,975, Jan. 2.
Cottrell, Robert B., assignor to American Steel Foundries, Chicago, Ill. Spring group. 2,561,308, July 17.
Cottrell, Robert B., assignor to American Steel Foundries, Chicago, Ill. Snubbed truck. 2,567,551, Sept. 11.
Cottrell, Samuel M., Richmond, Va. Tonsil enucleator. 2,544,588, Mar. 6.
Cottrill, Arden B.: *See*—
Deans, Ralph S., and Cottrill.
C-O-Two Fire Equipment Company, assignee: *See*—
Kucher, Joseph E.
Couch, Glenn F.: *See*—
Blattner, Emil H., and Couch.
Couch, Glenn F., Rochester, assignor to The Symington-Gould Corporation, Depew, N. Y. Railway truck axle box mounting. 2,572,113, Oct. 23.
Couchey, George F., Los Angeles, Calif. Vent cap for storage batteries. 2,562,604, July 31.
Cougias, Gus, Gary, Ind. Automatically adjustable book-rack. 2,545,844, Mar. 20.
Coughenour, Ross O., Buffalo, assignor to Frank Christiana, Mount Morris, N. Y. Combined storm and window frame. 2,564,299, Aug. 14.
Coughlin, Earl A., Detroit, Mich. Pump for aerating water. 2,552,261, May 8.
Coughlin, Harry A., assignor to John S. Swift Co., Inc., St. Louis, Mo. Photolithographic plate inking, drying, and developing machine. 2,555,874, June 5.
Couillard, Luther W., assignor to Collins Radio Company, Cedar Rapids, Iowa. Noise control arrangement for radio receivers and the like. 2,543,523, Feb. 27.
Couling, Stephen A., Rugby, England, assignor to General Electric Company. Gearing arrangement for supercharged power plant. 2,570,101, Oct. 2.
Coull, Wallace W., assignor to Willson Products, Inc., Reading, Pa. Temple for ophthalmic mountings. 2,557,414, June 19.
Coullard, John B.: *See*—
Torsch, Charles E., and Coullard.
Coulombe, Maurice, Montreal, Quebec, Canada. Ski waxing machine. 2,537,511, Jan. 9.
Coulson, Paul R.: *See*—
Hill, Thomas C., and Coulson.
Coultas, Wilbur J., and N. D. Colvin, Moline, and W. B. Palmer, Rock Island, assignors to Deere & Company, Moline, Ill. Mower cutter bar mounting and adjusting means. 2,574,691, Nov. 13.
Coulter, Donald: *See*—
Quillin, Robert E., Coulter, and Callaghan.
Coulter, Guy H., Detroit, Mich., assignor, by mesne assignments, to The Electric Auto-Lite Company, Toledo, Ohio. Multibeam head lamp incorporating gradually fluted reflector and plurality of filaments. 2,565,757, Aug. 28.
Coulter, Hugh A., assignor to H. S. Scarth and W. H. McKinnon, Winnipeg, Manitoba, Canada. Grain car door. 2,566,483, Sept. 4.
Coulter, Kenneth E., Bay County, and H. G. Hornbacher, assignors to The Dow Chemical Company, Midland, Mich. Distilling vinyl aromatic compounds. 2,556,030, June 5.
Coulter, Samuel T., St. Paul, and J. L. Becker, Stillwater, Minn., assignors to Maple Island, Inc. Apparatus for reconstituting dried powders. 2,566,555, Sept. 4.
Coulter, Samuel T., St. Paul, Minn., R. E. Montonna, Syracuse, N. Y., and A. S. Kitzes, St. Paul, Minn., assignors to Regents of the University of Minnesota, Minneapolis, Minn. Spray drying apparatus. 2,576,264, Nov. 27.
Coulthard, William, & Company Limited, assignee: *See*—
Gash, Frederick.
Coultrip, Raymond L., Milwaukee, Wis. Pressure gauge. 2,577,608, Dec. 4.
Coumerilh, John W. and L., Mullan, Idaho, assignors of one-half to C. B. Sands, Los Angeles, Calif. Steam-heated ironing board. 2,567,056, Sept. 4.
Coumerilh, Lee: *See*—
Coumerilh, John W. and L.
Counsellor, Edward D., Jr., Millville, N. J., assignor to Armstrong Cork Company, Lancaster, Pa. Device for inspecting transparent threaded glass articles such as insulators. 2,552,522, May 15.
Counterman, Lewis B.: *See*—
Champney, Hubert H., and Counterman.
Countryman, James L.: *See*—
Foster, Arnot P., and Countryman.
Counts, William H.: *See*—
Clark, James M., and Counts.
County National Bank and Trust Company of Santa Barbara, executor: *See*—
Musselman, Alvin J.
Coupland, Bertram R., and H. J. Black, Los Angeles, Calif. Drum handling device for lift trucks. 2,545,021, Mar. 13.
Coupland, Paul G., Portis, Kans., and C. M. Wingate, Dover, Fla. Radio clock. 2,550,784, May 1.
Couraud, Raymond E., Becon les Bruyeres, assignor to Societe Civile Bemex, Cusset (Allier), France. Pouring tin opener. 2,554,731, May 29.
Courmettes, Henry A., Coconut Grove, Fla. Cataract bifocal lens. 2,574,960, Nov. 13.

Court, Alva B.: *See*—
Ramsden, Charles H., and Court.
Court, Frank T., assignor to Deere & Company, Moline, Ill. Implement attachment means. 2,576,779, Nov. 27.
Court, Frank T., assignor to Deere & Company, Moline, Ill. Tractor mounted cultivator. 2,576,780, Nov. 27.
Court, Jean: *See*—
Robert, Ramon C., and Court.
Court, Patrick R. J., assignor to Pye Limited, Cambridge, England. Television and like apparatus. 2,553,360, May 15.
Court, Patrick R. J., assignor to Pye Limited, Cambridge, England. Apparatus incorporating a cathode-ray device, particularly television receivers. 2,574,245, Nov. 6.
Courtade, Ralph L., Traverse City, Mich. Icing device. 2,553,751, May 22.
Courtaulds, Limited, assignee: *See*—
Barratt, Harold, and Rose.
Carpenter, Albert S., and Wilson.
Entwistle, Donald, and Weigham.
Hardacre, William, Beaumont, and Merriman.
Weigham, William R., Field, and Dunton.
Wormell, Robert L.
Courter, Leo, Oklahoma City, Okla. Drill stem tester. 2,567,321, Sept. 11.
Courtis, Thomas M., assignee: *See*—
Harrison, George D.
Courtis Trust, assignee: *See*—
Harrison, George D.
Courtis, Walter F., assignee: *See*—
Harrison, George D.
Courtney, Edward J., Oaklyn, N. J. Textile spindle. 2,563,398, Aug. 7.
Courtney, Herbert W.: *See*—
Gates, Franklin M., and Courtney.
Courtney, John M., Atlanta, Tex. Gas anchor. 2,560,416, July 10.
Courtney, Russel C., Milwaukee, Wis. Ladder support. 2,552,941, May 15.
Courtot, Louis B., assignor to The Weatherhead Company, Cleveland, Ohio. Triaxial control handle for helicopters. 2,539,120, Jan. 23.
Courtot, Louis B., assignor to The Weatherhead Company, Cleveland, Ohio. Fastening device. 2,540,656, Feb. 6.
Courtot, Louis B., assignor to The Weatherhead Company, Cleveland, Ohio. Combined filling and dispensing valve for volatile liquids. 2,548,352, Apr. 10.
Coury, Louis G., Passaic, N. J. Vibrator machine. 2,566,484, Sept. 4.
Couser, Agnes M., Oceanside, Calif. Hairpin adjuster. 2,537,210, Jan. 9.
Cousineau, Napoleon E., Cleveland, Ohio. Folding counting scale. 2,539,570, Jan. 30.
Cousino, Walter P., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Lubricating mechanism for injection molding apparatus. 2,567,147, Sept. 4.
Cousins, Richard J. W., Shoreham-by-Sea, assignor to Fell Developments Limited, London, England. Differential transmission gearing. 2,566,601, Sept. 4.
Coutant, André, and J. Mathot, Paris, France. Apparatus for printing composite films. 2,558,605, June 26.
Coutant, André C. and J. Mathot, Paris, France. Film movement claw arrangement. 2,560,159, July 10.
Coutchure, Wencel L.: *See*—
Sweeny, Robert D., and Coutchure.
Couture, Albert P., Detroit, Mich. Sash lock. 2,574,961, Nov. 13.
Couture, Joseph E., South Barre, Vt. Abrasive dispenser for stone-cutting saws. 2,537,445, Jan. 9.
Couture, Lionel A., Fall River, Mass. Adjustable ball cock valve. 2,571,206, Oct. 16.
Coventry Climax Engines Limited, assignee: *See*—
Walker, Daniel N.
Coventry Gauge & Tool Company Limited, assignee: *See*—
Jellis, Morgan, and Darby.
Jellis, Morgan, and Langley.
Cover, Martin L., Detroit, Mich. Washer and settler for gases. 2,539,992, Jan. 30.
Cover, Ralph: *See*—
Anderson, Axel E., and Cover.
Cover, Ralph, Westminster, Md. Flotation washer. 2,559,403, July 3.
Covert, Benjamin L., assignor to Universal Oil Products Company, Chicago, Ill. Electronic speed indicator. 2,559,849, July 10.
Covert, William V., and G. G. Mize, assignors to Diamond Chain Company, Inc., Indianapolis, Ind. Chain tightener. 2,575,313, Nov. 13.
Coviello, Anthony R., Tulare, Calif. V-type ditcher. 2,579,651, Dec. 25.
Coviello, Dominick, Newark, N. J. Caster bracket for cans. 2,567,185, Sept. 11.
Covington, Carl A.: *See*—
Earle, Clarence E., and Covington.
Covino, Salvatore, Medford, Mass. Preparation of orthopedic appliances. 2,565,758, Aug. 28.
Cowan, Charles H., Jr., St. Petersburg, Fla. Fulcrum type crown cap remover. 2,576,000, Nov. 20.
Cowan, Edgar M.: *See*—
Baideme, Anthony, and Cowan.
Cowan, Henry: *See*—
Walker, Daniel N., Ashwood, and Cowan.
Cowan, John C.: *See*—
Falkenburg, Lee B., Lewis, and Cowan.
Lewis, Arthur J., Moser, and Cowan.
McKinney, Leonard L., Cowan, and Uhling.
McKinney, Leonard L., Uhing, Setzkorn, and Cowan.
Teeter, Howard M., and Cowan.
Cowan, Morris, New York, N. Y. Cutting fabrics. 2,562,892, Aug. 7.
Cowan, Nathan, Melrose Park, Ill., assignor to Air Rectifiers, Inc. Ventilating wall block. 2,565,122, Aug. 21.
Coward, James A., Wichita, Kans. Trotline holder. 2,555,397, June 5.
Coward, Richard W., Birmingham, Ala., assignor to Fly Ash Arrestor Corporation. Water-cooled shaft. 2,549,174, Apr. 17.
Cowart, Burleigh, Pascagoula, Miss. Floral spray bar. 2,543,153, Feb. 27.
Cowburn, Allan M., Islington, New South Wales, Australia. Sand drying apparatus. 2,574,911, Nov. 13.
Cowell, Edward N.: *See*—
Bullard, Edward P. and E. P., III,, Appelberg, Bjorklund, Cowell, Grinage, Johnson, Lange, and Mussler.
Cowell, Elmer E., St. Louis County, and J. R. Darby, Richmond Heights, assignors to Monsanto Chemical Company, St. Louis, Mo. Stabilized vinyl chloride polymer compositions. 2,568,989, Sept. 25.
Cowgill, William W., Fairfield, Conn., assignor to United States Rubber Company, New York, N. Y. Glossing paper. 2,554,662, May 29.
Cowgill, William W., Fairfield, Conn., assignor to United States Rubber Company, New York, N. Y. Glossing paper. 2,554,663, May 29.
Cowgill, William W., Fairfield, Conn., assignor to United States Rubber Company, New York, N. Y. Grease-proof paper and making the same. 2,554,899, May 29.
Cowie, James C., Liverpool, Nova Scotia, Canada, assignor to Mersey Paper Company, Limited. Drainage device for drum driers. 2,545,917, Mar. 20.
Cowie, John P., Youngstown, Ohio, and C. J. Burch, Plainfield, N. J., assignors to The Linde Air Products Company. Automatic pressure welding apparatus. 2,544,749, Mar. 13.
Cowles Company, The, assignee: *See*—
Cowles, Edwin.
Cowles, Edwin, Cayuga, N. Y., assignor to The Cowles Company, Princeton, N. J. Apparatus for pulping paper stock. 2,557,174, June 19.
Cowles, Irving, Chicago, Ill. Flanged tube coupling. 2,536,354, Jan. 2.
Cowles, Raymond H., Wabash, Ind., assignor to The General Tire and Rubber Company, Akron, Ohio. Clamp frame press. 2,549,429, Apr. 17.
Cowles, Relvia G., Jackson Heights, N. Y. Windshield wiper. 2,557,534, June 19.
Cowles, Robert J., Fort Wayne, Ind., assignor, by mesne assignments, to Farnsworth Research Corporation. Tone control circuit. 2,571,112, Oct. 16.
Cowles, Warren H.: *See*—
Bobier, Wilfred S., Jr., and Cowles.
Cox, Alvon R., Cuyahoga Falls, and F. E. Trockle, Akron, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y. Making foamed sponge rubber articles. 2,575,259, Nov. 13.
Cox, Boyd W., assignee: *See*—
Young, Henry E., and Farnham.
Cox, Charles W., St. Albans, W. Va., assignor to American Viscose Corporation, Wilmington, Del. Filtration system. 2,540,474. Feb. 6.
Cox, Chester A., Cleveland, Ohio. Slide holder for projectors. 2,576,714, Nov. 27.
Cox, Claude E., Detroit, Mich. Humidifier and control therefor. 2,537,211, Jan. 9.
Cox, Edward H., Swarthmore, and J. M. Sprague, Drexel Hill, assignors to Sharpe & Dohme, Incorporated, Philadelphia, Pa. Acetylsulfanilyl-s-alkyl isothioureas. 2,557,633, June 19.
Cox, Fred W., Atlanta, Ga., and J. M. Wallace, Jr., assignors to Wingfoot Corporation, Akron, Ohio. Acrylates, polymers, and copolymers. 2,575,585, Nov. 20.
Cox, Gerald C., assignor of twenty-five per cent to R. G. Carroll and twenty-five per cent to R. A. Spika, La Crosse, Wis. Wheeled figure toy. 2,549,668, Apr. 17.
Cox, Henry G., Rockford, Ill., assignor to J. I. Case Company, Racine, Wis. Magneto. 2,550,975, May 1.
Cox, Herbert F., Jr.: *See*—
Nordquist, Ronald E. J., and Cox.
Cox, Homer M., Phoenix, Ariz. Aircraft propelling device. 2,539,010, Jan. 23.
Cox, Howard B., Akron, Ohio. Appliance for embalming. 2,571,207, Oct. 16.
Cox, Irvin W., West Allis, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Constructing electric heaters. 2,568,846, Sept. 25.
Cox, Irvin W., West Allis, assignor to Cutler-Hammer Inc., Milwaukee, Wis. Control circuit for multiple high resistance ignition electrode. 2,579,366, Dec. 18.
Cox, Irvin W., West Allis, and L. D. Drugmand, Greenfield, assignors to Cutler-Hammer, Inc., Milwaukee, Wis. Severing and end sealing a tube. 2,568,911, Sept. 25.
Cox, Irvin W., West Allis, L. D. Drugmand, Greenfield, and R. E. Mekelburg, assignors to Cutler-Hammer, Inc., Milwaukee, Wis. Low impedance oscillator. 2,572,320, Oct. 23.

Cox, Irvin W., West Allis, and J. B. Welch, assignors to Cutler-Hammer, Inc., Milwaukee, Wis. Electric welding system. 2,573,094, Oct. 30.
Cox, Isaac E., Kirkwood, Mo., assignor to American Brake Shoe Company, New York, N. Y. Sleeve journal for railway equipment. 2,543,154, Feb. 27.
Cox, Isaac E., Kirkwood, Mo. Fountain pen. 2,557,634, June 19.
Cox, James L., Radnor, Pa. Automobile tire valve. 2,552,666, May 15.
Cox, John W., Chicago, Ill., assignor to Shellmar Products Corporation, Mount Vernon, Ohio. Conveyer equipment for handling and packaging eggs. 2,563,583, Aug. 7.
Cox, John W., assignor, by mesne assignments, to Shellmar Products Corporation, Chicago, Ill. Apparatus for handling and packaging eggs. 2,574,959, Nov. 13.
Cox, Lum, United States Navy. Gate valve. 2,565,475, Aug. 28.
Cox, Martin: *See*—
Stevens, Raymond K. P., and Cox.
Cox, Norman L., Claymont, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Cellulose ether solutions and spinning the same. 2,545,070, Mar. 13.
Cox, Paul W., Sr., Fairbanks, Territory of Alaska. Concrete screed legs. 2,551,826, May 8.
Cox, Richard F. B., assignor to Hercules Powder Company, Wilmington, Del. Corrosion inhibitor composition. 2,564,753, Aug. 21.
Cox, Robert B., assignor to Wyandotte Chemical Corporation, Wyandotte, Mich. Pumping mercury. 2,559,404, July 3.
Cox, Rodney S., Marion, Ohio. Upper half of a saddle mount. 2,541,209, Feb. 13.
Cox, Rodney S., Marion, Ohio, assignor to The Babcock & Wilcox Company, Rockleigh, N. J. Water tube steam generator. 2,567,695, Sept. 11.
Cox, Russell E.: *See*—
Mapes, Elsworth E., and Cox.
Cox, Shaun M.: *See*—
Jobling-Purser, Ernest J., and Cox.
Cox, Stanley L., assignor to The Kirk & Blum Manufacturing Company, Cincinnati, Ohio. Air cleaner. 2,565,596, Aug. 28.
Cox, Sumner C., Fremont, and B. V. Everds, Sandusky, Ohio. Hat block. 2,536,913, Jan. 2.
Cox, Thomas K., Randallstown, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Apparatus for continuously making retractile cordage. 2,547,357, Apr. 3.
Cox, Vernon L., Texarkana, Tex. Extension light for use with flashlight batteries. 2,536,355. Jan. 2.
Cox, Walter A., assignor to The Cincinnati Milling Machine Co., Cincinnati, Ohio. Wiper mechanism for machine guideways. 2,555,223, May 29.
Cox, Walter C., Denver, Colo. Overhead monorailway system. 2,542,236, Feb. 20.
Coxhead, Ralph C., Corporation, assignee: *See*—
Norton, Charles W.
Norton, Charles W., and Ritz.
Coyle, John: *See*—
Benson, George A., Coyle, and Punte.
Coyle, John, and W. F. Punte, Baltimore, Md., assignors to Continental Can Company, Inc., New York, N. Y. Snap-in hinge for box covers. 2,559,009, July 3.
Coyle, Joseph E., Arlington, and E. L. Younker, Cambridge, Mass., assignors, by mesne assignments, to the United States of America as represented by the Secretary of War. Flexible wave guide type transmission line. 2,555,118, May 29.
Coyle, William E., Cotton Valley, La. Drop collar right angle drill for wells. 2,550,330, Apr. 24.
Coyle, William J., Waltham, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Two-piece electrical connector. 2,549,577, Apr. 17.
Coyne, Howard L., Rockville Centre, F. D. Fessler, Lynbrook, L. N. Hampton, New York, and O. S. A. Mesch, St. Albans, N. Y., and W. N. Thompson, Mont Vernon, N. H., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Variable resistance device. 2,577,108, Dec. 4.
Coyne, Lee, assignee: *See*—
Button, Fred L.
Coyner, Jacob L., assignee: *See*—
Griffith, Roscoe W.
Coyner, James M., Madison, Wis. Live stock car shutter structure. 2,570,324, Oct. 9.
Cozzo, Giuseppe, assignor to Hydropress, Incorporated, New York, N. Y. Rolling mill adjusting apparatus. 2,549,291, Apr. 17.
Cozzoli, Frank J., Plainfield, N. J. Multiple filling machine. 2,548,707, Apr. 10.
Cozzoli, Frank J., Plainfield, N. J. Delivery mechanism for washing machines. 2,555,875, June 5.
Cozzolino, Rinaldo, and L. L. Bustos, assignors of twenty-two per cent to A. A. Fraterelli, ten per cent to S. P. Cabibi, thirty-three per cent to L. L. Bustos, and thirty-five per cent to R. Cozzolino, Pueblo, Colo. Electric tire inflation indicator. 2,550,041, Apr. 24.
Cozzone, John A., Newark, N. J. Educational construction unit. 2,546,979, Apr. 3.
Crabb, Silas F., Des Moines, Iowa. Cleaning attachment for sweeper nozzles. 2,544,489, Mar. 6.
Crabbe, Lindsay T., assignor to Phoenix Metal Cap Co., Inc., Chicago, Ill. Torque indicating device for capping machines of the turning type. 2,552,407, May 8.
Crabbs, Herbert J., Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Insulator. 2,549,292, Apr. 17.
Crabbs, Herbert J., Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Operating mechanism. 2,579,798, Dec. 25.
Crabbs, Herbert J., Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Switch. 2,579,799, Dec. 25.
Crabtree, David, & Son Limited, assignee: *See*—
Felton, William.
Crabtree, George W., Cleveland Heights, Ohio. Hydraulic spring controlling device. 2,551,930, May 8.
Crabtree, J. A., & Co., Limited, assignee: *See*—
Besag, Ernst, Hill, and Wintle.
Crabtree, John I.: *See*—
Henn, Richard W., and Crabtree.
Crabtree, John O., and C. G. Quick, London, England, assignors to R. Hoe & Co. Inc., New York, N. Y. Mechanism for trimming multisheet printed products. 2,572,802, Oct. 23.
Crabtree, Mack H., assignor of twenty-five per cent to E. J. and A. G. Perrier, Babbitt, Nev. Lubricator for rail car journal bearings. 2,565,476, Aug. 28.
Crabtree, R. W., & Sons Limited, assignee: *See*—
Phythian, Thomas E.
Crabtree, Theodore H.: *See*—
Corso, Frank S., and Crabtree.
Craft, Liva M., Cedar Rapids, Iowa, assignor to Collins Radio Company. Pulsing circuit. 2,546,981, Apr. 3.
Crafton, Henry H., Baden, assignor to H. H. Robertson Company, Pittsburgh, Pa. Fastening bolt with swinging head. 2,578,515, Dec. 11.
Crafton, Walter, Dallas, and J. G. Young, Mesquite, Tex. Grinding device. 2,547,442, Apr. 3.
Crafts, Curtis S., Oak Park, assignor to The Goss Printing Press Company, Chicago, Ill. All size folder. 2,555,267, May 29.
Crafts, Curtis S., Oak Park, assignor to The Goss Printing Press Company, Chicago, Ill. Positive clutch and lock. 2,556,678, June 12.
Crafts, Curtis S., Oak Park, assignor to The Goss Printing Press Company, Chicago, Ill. Cutoff cylinder spring construction. 2,567,364, Sept. 11.
Crafts, Curtis S., Oak Park, and E. W. Worthington, assignors to The Goss Printing Press Company, Chicago, Ill. Inking mechanism for rotary intaglio printing presses. 2,550,454, Apr. 24.
Craftson, Henry H., Baden, assignor to H. H. Robertson Company, Pittsburgh, Pa. Glazing structure. 2,537,743, Jan. 9.
Cragg, Kenneth B., Glendale, and C. G. Thiene, Pasadena, assignors to The Delron Company, Inc., Los Angeles, Calif. Lock nut. 2,562,376, July 31.
Cragg, William D., and M. L. Gayford, London, England, assignors to International Standard Electric Corporation, New York, N. Y. Microphone waterproofing device. 2,556,168, June 12.
Crahan, John E.: *See*—
Berger, Carl F., and Crahan.
Craig, Charlotte, administratrix: *See*—
Beach, Paul P.
Craig, Edward C., U. S. Navy, Arlington, Va. Buoyant electrode. 2,549,777, Apr. 24
Craig, Frank S.: *See*—
Field, Oscar S., Moore and Craig.
Craig, Hallett E., assignor to M. H. Craig, Pittsburgh, Calif. Can opener. 2,547,258, Apr. 3.
Craig, Harold G., South Yarra, assignor to H. Rowe & Co. Proprietary Limited, Melbourne, Victoria, Australia. Electrical power outlet and power plug. 2,539,230, Jan. 23.
Craig, Helen C., and W. E. Keen, Miami, Fla. Key case. 2,559,946, July 10.
Craig, Helen C., and W. E. Keen, Coral Gables, Fla. Coin container. 2,561,687, July 24.
Craig, Louis E.: *See*—
Kropa, Edward L., Craig, and Nyquist.
Craig, Louis E., Washington, N. J., assignor to General Aniline & Film Corporation, New York, N. Y. Manufacture of 1,2-epoxycyclooctane. 2,571,208, Oct. 16.
Craig, Minerva H., assignee: *See*—
Craig, Hallett E.
Craig, Stanley C., Vancouver, British Columbia, Canada. Quick-freezing method and apparatus. 2,554,560, May 29.
Craig, William L., Westport, Conn., assignor to R. T. Vanderbilt Company, Inc., New York, N. Y. Production of a pigment complex, including a reacted starch. 2,573,677, Nov. 6.
Craig, William T.: *See*—
Mast, Lowell R., and Craig.
Craig, Winfred C., Westfield, N. J., assignor to General Aniline & Film Corporation, New York, N. Y. N-substituted benzimidazoles. 2,545,687. Mar. 20.
Craig, Winfred C., Westfield, N. J., assignor to General Aniline & Film Corporation, New York, N. Y. Yellow diffusion-fast color formers of the benzimidazole class. 2,547,307, Apr. 3.

Craige, Arthur H., Jr., Riverdale, Md., assignor, by mesne assignments, to The Dow Chemical Company, Midland, Mich. Anthelmintic feed composition. 2,544,826, Mar. 13.
Craigen, Bessie, Portland, and N. Adair, Vale, Oreg. Clip for pin curls. 2,540,042, Jan. 30.
Craighead, Frank C., Jr. and J. J., Moose, Wyo. Tent. 2,567,697, Sept. 11.
Craighead, John J.: *See*—
Craighead, Frank C., Jr., and J. J. Craighead.
Craighead, Philip B., Milwaukee, and G. H. Nelson, Wauwatosa, assignors to Safway Steel Products, Inc., Milwaukee, Wis. Demountable crane. 2,569,628, Oct. 2.
Craighead, Philip B., Milwaukee, and G. H. Nelson, Wauwatosa, assignors to Safway Steel Products, Inc., Milwaukee, Wis. Telescoping tower. 2,576,389, Nov. 27.
Craigie, Samuel W., Chelmsford, assignor to Aviation Developments Limited, Welwyn Garden City, England. Clamping device. 2,568,386, Sept. 18.
Crain, Albert H., assignee: *See*—
Crain, John P.
Crain, Harry M., San Diego, Calif., assignor to the United States of America as represented by the Secretary of the Navy. Variable timing circuit. 2,542,631, Feb. 20.
Crain, John P., assignor of one-half to A. H. Crain, Grand Chenier, La. Marsh buggy. 2,560,384, July 10.
Crain, Robert L., assignor to Gray Tool Company, Houston, Tex. Casing hanger assembly. 2,568,581, Sept. 18.
Crake, Wilfred S., Houston, Tex., assignor to Shell Development Company, San Francisco, Calif. Diamond bit. 2,545,195, Mar. 13.
Crake, Wilfred S., Houston, Tex., assignor to Shell Development Company, San Francisco, Calif. Oil well pump. 2,552,153, May 8.
Crall, James W., Los Angeles, Calif. Sanitary pick-out free-bottom sink strainer. 2,575,586, Nov. 20.
Cram, Donald J., Cambridge, Mass., and M. Tishler, assignors to Merck & Co., Inc., Rahway, N. J. N-ethylpiperidine salt of penicillin G. 2,542,796, Feb. 20.
Cram, Hervey G., Appleton, assignor to Combined Locks Paper Co., Combined Locks, Wis. Stock regulator. 2,579,226, Dec. 18.
Cramer, Clarence L., Elmhurst, Ill. Tool for hanging doors. 2,570,430, Oct. 9.
Cramer, George, Peekskill, assignor to Sinclair and Valentine Co., New York, N. Y. Inking apparatus for use with inks having highly volatile solvents. 2,578,921, Dec. 18.
Cramer, Harold W.: *See*—
Cramer, Roy A., R. A., Jr., and H. W.
Cramer, John A., Jr.: *See*—
Cramer, Roy A., R. A., Jr., and H. W.
Cramer, Marvin H., George, Iowa. Hinged joint for planks. 2,558,419, June 26.
Cramer, R. W., Company, Incorporated, The, assignee: *See*—
Spencer, Hugh.
Cramer, Richard D., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Chlorine-containing polymer plasticized with greaselike olefin-carbon monoxide polymer. 2,541,987, Feb. 20.
Cramer, Roy A., Kansas City, Mo. Adjustable chair. 2,538,507, Jan. 16.
Cramer, Roy A., Kansas City, Mo. Chair seat cushion. 2,571,209, Oct. 16.
Cramer, Roy A., Kansas City, Mo. Pivoted prop support members for dropleaf tables or the like. 2,578,922, Dec. 18.
Cramer, Roy A., R. A., Jr., and H. W., Kansas City, Mo. Chair having a vertically adjustable seat. 2,542,480, Feb. 20.
Cramer, Stanley S.: *See*—
Teaf, John H., and Cramer.
Cramer, William J., Jr.: *See*—
Normand, Wilfred T., and Cramer.
Cramer, Willis T.: *See*—
Campbell, Charles H., Griffiths, and Cramer.
Crampton Manufacturing Company, assignee: *See*—
Ender, Joseph J.
Crandall, Lathan A., Jr., Elkhart, and O. F. Ungnade, Fort Wayne, assignors to Miles Laboratories, Inc., Elkhart, Ind. Stabilized sodium dehydrocholate solution. 2,542,481, Feb. 20.
Crandall, Roy C., Tillsonburg, Ontario, Canada. Conditioning granular and like materials. 2,567,472, Sept. 11.
Crandell, Purley A., Burnley, assignor to Platers & Stampers Limited, London, England. Paring or coring tool. 2,577,406, Dec. 4.
Crane, Carlton L.: *See*—
Malm, Carl J., and Crane.
Crane, Carlton L., assignor to Eastman Kodak Company, Rochester, N. Y. Aqueous emulsions of cellulose esters. 2,563,708, Aug. 7.

Crane Co., assignee: *See*—
Bryant, Corwin W.
Calbeck, Robert L.
Cantalupo, Francis J., De Craene, and Setka.
Cantalupo, Francis J., De Craene, Schmidt, Setka and Yant.
De Craene, Edmond P.
Dopp, Carl A., and Petrie.
Eckman, Harry A., and Maack.
Fennema, Richard.
Fennema, Richard, and Cantalupo.
Giauque, Charles A.
Hjulian, Julius A.
Osterhage, Otto C.
Schipplock, Charles J.
Schmidt, Edward G.
Setka, Raymond P.
Troedson, Waldemar H.
Crane, Denis P.: *See*—
Ford, Ronald M., and Crane.
Crane, Edward J., Oak Park, and R. P. Cross, Jr., Riverside, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y. Loading coil. 2,548,199, Apr. 10.
Crane, Ernest E., Chicago, Ill. Sprocket chain. 2,548,951, Apr. 17.
Crane, George R., Santa Monica, Calif., assignor to Western Electric Company, Incorporated, New York, N. Y. Optical slit scanning unit for film reproducing systems. 2,562,377, July 31.
Crane, H. W., Company, assignee: *See*—
Sauter, Alfred H.
Crane, Howard B., Mamaroneck, N. Y. Animated display apparatus. 2,564,780, Aug. 21.
Crane Packing Company, assignee: *See*—
Donahue, Lawrence E.
Hastings, Shirrel A.
Hastings, Shirrel A., and Thayer.
Miller, Robert F.
Payne, Frank E.
Crane, Raymond E., and J. M. Hendrickson, Kittanning, assignors to Eljer Co., Ford City, Pa. Mold for casting vitreous water closet bowls. 2,565,356, Aug. 21.
Crane, Robert, Jr., Chappaqua, N. Y., assignor to General Precision Laboratory Incorporated. Receiver gain control. 2,540,935, Feb. 6.
Crane, Robert, Jr., Begg Drive, N. Y., assignor to General Precision Laboratory Incorporated. Sharp frequency discriminator. 2,561,182, July 17.
Crane, Sigmund, New York, N. Y. Diaper. 2,560,332, July 10.
Crane, Walton B., Beverly Hills, assignor to Max Factor & Co., Los Angeles, Calif. Powder box and dispenser. 2,554,489, May 29.
Crane, Walton B., Beverly Hills, assignor to Alpak, Los Angeles, Calif. Cellular container. 2,578,174, Dec. 11.
Cranfill, Allen W., Williamsburg, Ky. Elongated service box. 2,545,228, Mar. 13.
Cranfill, James M., Jr., M. M. and C. A. Wheat, Albany, assignors of one-fourth to C. F. Johnson, Muncie, Ind., Nursery cradle. 2,557,907, June 19.
Cranmer, George H., Philadelphia, Pa., assignor to Electrolux Corporation, New York, N. Y. Vacuum cleaner. 2,564,467, Aug. 14.
Cranmer, Richard S., Wyncote, Pa. Bore sight. 2,548,871, Apr. 17.
Cranmer, Richard S., Wyncote, assignor to Philco Corporation, Philadelphia, Pa. Phonograph tone arm. 2,557,176, June 19.
Cranmer, Richard S., Wyncote, assignor to Philco Corporation, Philadelphia, Pa. Phonograph control arrangement. 2,577,876, Dec. 11.
Cranshaw, Harold B., Newton, assignor to Burnitol Manufacturing Co., Boston, Mass. Folding paper cup. 2,577,109, Dec. 4.
Cranston, Hoy A., Chicago, Ill., assignor to D. F. Kelly, Hammond, Ind., as trustee. Manufacture of aconitic acid. 2,566,172, Aug. 28.
Crary, Jay D., Portland, Oreg. Paper fastener. 2,578,923, Dec. 18.
Crary, Selden B., Schenectady, N. Y., assignor to General Electric Company. Phase balancing apparatus. 2,546,725, Mar. 27.
Crary, Selden B., Schenectady, N. Y., assignor to General Electric Company. Compensating arrangement for transmission lines. 2,565,297, Aug. 21.
Crary, Selden B., Schenectady, N. Y., assignor to General Electric Company. Series capacitor protective scheme for tie lines. 2,579,303, Dec. 18.
Cratish Corporation, assignee: *See*—
Quish, Raymond T. and W. P., Cratty, and Tierney.
Cratsenberg, Charles C., assignor to Deere & Company, Moline, Ill. Disk polishing machine. 2,572,114, Oct. 23.
Cratty, John J.: *See*—
Quish, Raymond T. and W. P., Cratty, and Tierney.
Cratty, William, Hialeah, Fla. Bridle bit. 2,555,573, June 5.
Craven, Alfred B., Selby, and G. J. Pritchard, assignors to Ward Blenkinsop & Company Limited, London, England. Silver salts of disubstituted methane compounds. 2,539,728, Jan. 30.

Craven, John P., Akron, Ohio, assignor to The Babcock & Wilcox Company, Rockleigh, N. J. Fluid heat exchange installation and forming the same. 2,536,039, Jan. 2.
Craven, Kenneth C., Fitchburg, Mass., assignor to General Electric Company. Gas shielded arc welding torch. 2,571,684, Oct. 16.
Craven, Robert L., Westfield, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Polymerization of formaldehyde to paraformaldehyde with alkaline catalyst. 2,551,365, May 1.
Craven, Robert L., Westfield, N. J., assignor to E. I. du Pont de Nemours and Company, Wilmington, Del. Paraformaldehyde production with countercurrent concentration. 2,578,338, Dec. 11.
Craver, Augustus E., Fredericksburg, Va., assignor to American Viscose Corporation, Wilmington, Del. Recovery of glycerine. 2,571,210, Oct. 16.
Craver, John K.: *See*—
Gamrath, Harry R., and Craver.
Crawford, Alfred, and M. Antonevich, assignors to The Crawford Manufacturing Company, Incorporated, New Brunswick, N. J. Stop motion resetting device. 2,571,211, Oct. 16.
Crawford, Allan, assignor to Mohawk Carpet Mills, Inc., Amsterdam, N. Y. Tufting apparatus. 2,556,068, June 5.
Crawford-Brown, Lyman: *See*—
Charron, Charles S., and Crawford-Brown.
Crawford, Bishop M., St. Louis, Mo. Heat exchange device. 2,553,361, May 15.
Crawford, Carlos E., Wichita Falls, Tex. Pump actuating equipment. 2,555,574, June 5.
Crawford, Charles F., and H. A. Potts, Muncie, and G. V. Price, Parker, Ind., assignors to Borg-Warner Corporation, Chicago, Ill. Shaft cutting and centering machine. 2,545,344, Mar. 13.
Crawford, Chester C., and L. L. Jaquier, Jr., Bartlesville, Okla., assignors to Phillips Petroleum Company. Insecticide formulation. 2,575,098, Nov. 13.
Crawford Door Company, assignee: *See*—
Mitchell, Wilfred R.
Olsen, Henry H.
Venditty, Anthony.
Crawford, Ernest A.: *See*—
Hebel, Carl G., and Crawford.
Crawford, Ernest A., Cliffside Park, assignor to Sperry Products, Inc., Hoboken, N. J. Track recorder. 2,570,648, Oct. 9.
Crawford, Francis W., Bartlesville, Okla., and J. S. Kirby-Smith, Oak Ridge, Tenn., assignors to Phillips Petroleum Comapny. Apparatus for producing waves in fluid media. 2,568,186, Sept. 18.
Crawford, Frederick A. F., West Kilbride, Scotland, assignor to Imperial Chemical Industries Limited. Apparatus for preparing explosives. 2,579,474, Dec. 25.
Crawford, Howard H., assignee: *See*—
Mennie, Edward W.
Crawford, James B., assignor to Paddock Pool Maintenance Co., Los Angeles, Calif. Self-adjusting recirculating overflow. 2,579,304, Dec. 18.
Crawford, James H.: *See*—
Davidson, John T., Ganger, Crawford, and Sadgebury.
Crawford, John, assignor to Mohawk Carpet Mills, Inc., Amsterdam, N. Y. Making pile fabrics. 2,553,303, May 15.
Crawford, John F., assignor to J. I. Case Company, Racine, Wis. Billet piercing apparatus. 2,545,229, Mar. 13.
Crawford, John F., assignor to J. I. Case Company, Racine, Wis. Band applying mechanism. 2,546,496, Mar. 27.
Crawford Manufacturing Company, Incorporated, The, assignee: *See*—
Crawford, Alfred, and Antonevich.
Crawford, Thelma E., Clayton, Mo. Eyebrow shaver. 2,547,376, Apr. 3.
Crawford, Walter F., Maplewood, N. J. Wave projector. 2,579,140, Dec. 18.
Crawford, William B., South Bend, Ind., assignor to United States Rubber Company, New York, N. Y. Tank fitting. 2,550,138, Apr. 24.
Crawford, Willie R.: *See*—
Hull, R. Dell, and Crawford.
Crawley, Blick, Washington, D. C. Projectile launching. 2,549,778, Apr. 24.
Crawley, Charles H.: *See*—
Baldwin, John D., Jr., and Crawley.
Crawley, Charles H., assignor to The Weatherhead Company, Cleveland, Ohio. Making valves. 2,536,727, Jan. 2.
Craymer, Henry J., Chelmsford, England. Loom. 2,544,526, Mar. 6.
Crays, Jack W.: *See*—
Raaberg, Alfred V., and Crays.
Crayton, Thomas B., Heavener, Okla. Adjustable and foldable desk and drawing board. 2,555,575, June 5.
Creagmile, John C., Walnut Creek, Calif. Wheel alignment gauge. 2,577,841, Dec. 11.
Creamer, Carl C., Jr., Washington, D. C. Mobile sling for crippled animals. 2,546,726, Mar. 27.
Creamery Package Mfg. Company, The, assignee: *See*—
Wakeman, Alden H.
Creazzi, Harry O.: *See*—
Jacobson, Eugene W., Creazzi, and Pigott.
Crecca, John D., Elizabeth and W. E. Palmer, Cresskill, N. J. Portable end welding device. 2,568,222, Sept. 18.
Creech, Jesse E., Jacksonville, Fla. Cell door construction. 2,539,345, Jan. 23.
Creed and Company Limited, assignee: *See*—
Kirchel, Alan A.
Salmon, Reginald D.
Thompson, Alfred E.
Creed, Bennett C., Hinsdale, assignor to Creed & Stewart, Ltd., Aurora, Ill. Card winding machine. 2,554,855, May 29.
Creed, Jesse L., Port Arthur, Tex. Emergency tank unloading device. 2,550,187, Apr. 24.
Creed & Stewart, Ltd., assignee: *See*—
Creed, Bennett C.
Creedon, Neil J., Glens Falls, N. Y. Multipurpose camera support. 2,560,556, July 17.
Creely, Joseph W., East Bound Brook, N. J., assignor to American Cyanamid Company, New York, N. Y. Treating fibrous cellulosic materials to impart flame resistance thereto, composition therefor, and products thereof. 2,549,060, Apr. 17.
Creely, Joseph W., East Bound Brook, and T. F. Cooke, Martinsville, N. J., assignors to American Cyanamid Company, New York, N. Y. Treating fibrous cellulosic materials to impart flame resistance thereto, composition therefor, and products thereof. 2,549,059, Apr. 17.
Cregar, Challis M., Denver, Colo. Necktie retainer. 2,557,635, June 19.
Creighton, Edgar A., Bridgeport, N. J. Truss. 2,539,508, Jan. 30.
Creighton, Francis S., Elmira, N. Y. Visor for spectacles. 2,544,221, Mar. 6.
Creighton, Thomas A., deceased, Long Beach, Calif., V. N. Creighton, executrix. Safety joint for use in well strings. 2,562,298, July 31.
Creighton, Vera N.: *See*—
Creighton, Thomas A.
Cremaschi, Victor M., Gral, Alvear, Argentina. Continuous fermentation process. 2,536,993, Jan. 2.
Cremaschi, Victor M., Buenos Aires, Argentina. Continuous fermentation of wine and the like. 2,536,994, Jan. 2.
Cremer, Frederick, and H. F. Unick, assignors to Union Asbestos & Rubber Company, Chicago, Ill. Felted material and making the same. 2,568,144, Sept. 18.
Cremer, Michel, Seine, assignor to Societe Anonyme dite: Forges et Ateliers de Constructions Electriques de Jeumont, Paris, France. Time lag fuse. 2,561,464, July 24.
Cremona, Mario O., New York, N. Y. Package carrying and tightening device. 2,561,911, July 24.
Cremonini, Luigi: *See*—
Mulatti, Ivano, and Cremonini.
Crenshaw, Clarence W.: *See*—
Walker, John H., and Crenshaw.
Crenshaw, Russell S., Jr., United States Navy, Virginia Beach, Va. Binary type electronic counter circuit. 2,541,041, Feb. 13.
Crenshaw, Russell S., Jr., U. S. Navy, Virginia Beach, Va. Electronic counter circuit. 2,549,779, Apr. 24.
Crenshaw, Wade H., Monroe, Ga. Cultivator equipment for tractors. 2,560,636, July 17.
Crespo y Garcia, Joaquin, Mexico City, Mexico. Canning and preserving fruit and vegetable juices. 2,561,784, July 24.
Cress, Clarence C., Greenville, Tenn. Wood bending machine and nailing table. 2,579,800, Dec. 25.
Cress Laboratories, assignee: *See*—
Heldmann, Henry J.
Cressler, Edward P., Newton, Kans. Single-use toothbrush. 2,548,255, Apr. 10.
Cresswell, Arthur, Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Preparing shaped products from polymers and copolymers of acrylonitrile. 2,558,730, July 3.
Cresswell, Arthur, Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Producing synthetic fibers from polymers and copolymers of acrylonitrile. 2,558,731, July 3.
Cresswell, Arthur, Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Producing staple fiber from polymers and copolymers of acrylonitrile. 2,558,732, July 3.
Cresswell, Arthur, Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Thread-treating apparatus. 2,558,734, July 3.
Cresswell, Arthur, Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Forming dyed shaped articles from acrylonitrile polymerization products. 2,558,735, July 3.
Cresswell, Arthur, Stamford, and I. Wilzon, Springdale, Conn., assignors to American Cyanamid Company, New York, N. Y. Producing synthetic fibers from polymers and copolymers of acrylonitrile. 2,558,733, July 3.
Cresswell, Arthur, Stamford, and E. P. Johnstone, Jr., Glenbrook, Conn., assignors to American Cyanamid Company, New York, N. Y. Lubricated thread. 2,576,576, Nov. 27.
Cresswell Roll Forming Company Limited, assignee: *See*—
Kinghorn, Charles M.
Millier, William R.

Crest Silver Mfg. Co. Inc., assignee: *See*—
Shatkin, Sidney.
Cresthaven Farms, assignee: *See*—
Lundquist, Newell H.
Cretella, Joseph, South Ozone Park, assignor to Veri-Best Television Products, Inc., New York, N. Y. Antenna. 2,556,839, June 12.
Cretors, C., & Co., assignee: *See*—
Cretors, Charles J.
Cretors, Charles J., Highland Park, assignor to C. Cretors & Co., Chicago, Ill. Corn popping apparatus. 2,537,744, Jan. 9.
Crevatin, Gilfo: *See*—
Crevatin, Waldemar, G., and M.
Crevatin, Mário.
Crevatin, Waldemar, G., and M.
Crevatin, Waldemar, G., and M., Sao Paulo, Brazil. Valve. 2,559,405, July 3.
Creveling, Catherine B., and E. V. Pennell, Patterson, N. Y. Convertible hassock and bed. 2,577,741, Dec. 11.
Crew, John E., and C. P. Wilbert, Minneapolis, Minn. Gun case. 2,574,730, Nov. 13.
Crew, Morris W., assignor to Perfex Corporation, Milwaukee, Wis. Barometric damper. 2,538,190, Jan. 16.
Crewdson, Eric, assignor to Gilbert Gilkes and Gordon Limited. Kendal, England. Pumping apparatus. 2,546,089, Mar. 20.
Crewdson, Sarah M., Berkeley, assignor of forty-nine per cent to F. A. Da Mert, Los Angeles, Calif. Umbrella cover. 2,545,022, Mar. 13.
Crews, Clarence M., Manhasset, N. Y., assignor to The Anderson Company. Electrical indicating system. 2,558,736, July 3.
Crews, Lowell T.: *See*—
Ralston, Anderson W., and Crews.
Crews, Van B., assignee: *See*—
Bryan, Joe E., O. E., and Crews.
Crews, William A., River Forest, Ill. Recording dispenser and system for using same. 2,554,296, May 22.
Cribben and Sexton Company, assignee: *See*—
Mendel, Leo E., Port, and Turner.
Port, Frederick J., Hall, and Turner.
Crichton, James W., assignor to Timber Structures, Inc., Portland, Oreg. Bleacher seat splice. 2,557,413, June 19.
Crichton, Roy E.: *See*—
Rickert, Fred A., and Crichton.
Crider Corporation, The, assignee: *See*—
Crider, Thomas G.
Crider, Thomas G., assignor to The Crider Corporation, Lima, Ohio. Valve for refrigerant compressors. 2,565,950, Aug. 28.
Crim, George E., and T. V. Collings, Miami, Fla. Floating marker for fishing nets and the like. 2,539,403, Jan. 30.
Crim, Thomas H., Jr.: *See*—
Forbes, Henry L., Jr., and Crim.
Crimmins, William C., Van Buren, Ind., assignor to General Motors Corporation, Dayton, Ohio. Domestic appliance. 2,573,409, Oct. 30.
Crimora Research & Development Corporation, assignee: *See*—
Koster, John.
Criner, Harry J., assignor of one-half to A. G. Bush, Davenport, Iowa. Bracket supported folding chair. 2,541,501, Feb. 13.
Criner, Harry J., assignor of one-half to A. G. Bush, Davenport, Iowa. Toy percussion gun. 2,561,563, July 24.
Cripe, John W., Bayside, assignor to West Disinfecting Company, Long Island City, N. Y. Dispenser for viscous substance, with an axially movable piston and a manually operated actuator for said piston. 2,557,374, June 19.
Crippen, Herbert O., Sr., Chicago, Ill., assignor to Piano Cello-Tone Company. Piano resonating chamber. 2,570,102, Oct. 2.
Cripps, Charles E., Culver City, Calif. Apparatus for cooking foods. 2,568,792, Sept. 25.
Criqui, Albert E., Kenmore, assignor to Buffalo Forge Company, Buffalo, N. Y. Axial flow fan. 2,555,576, June 5.
Crise, David H., assignor of ten percent to J. B. Forbes, Miami, Fla. Hydraulic lifting device for trucks. 2,540,569, Feb. 6.
Crise, George W., Danville, Ohio. Electric bed warmer and producing same. 2,548,467, Apr. 10.
Crise, George W., Danville, Ohio. Producing electric bed warmers. 2,548,468, Apr. 10.
Criss, Clarence C., Arkansas City, Kans. Liquid tank marker. 2,576,577, Nov. 27.
Crissey, Paul, Geneva, Ill. Sharpening attachment for multiple rotary band cutters. 2,537,512, Jan. 9.
Crissy, Robert J., Union, N. J., assignor to Business Systems, Inc., Philadelphia, Pa. Data copying machine. 2,572,450, Oct. 23.
Crist, Robert W., assignor to The Wellman Engineering Company, Cleveland, Ohio. Material handling apparatus. 2,553,897, May 22.
Criswell, Albert O.: *See*—
Logan, Malcolm H., and Criswell.
Critcher, Clem N., Detroit, Mich. Hand cultivating and weeding tool. 2,544,136, Mar. 6.
Critchfield, Robert M., and P. L. Schneider, Anderson, Ind., assignors to General Motors Corporation, Detroit, Mich. Generator control system. 2,545,688, Mar. 20.
Critchfield, Walter O., and J. W. Kehoe, assignors to The Shelby Salesbook Company, Shelby, Ohio. Millroll spindle. 2,537,653, Jan. 9.
Critchley, Thomas J.: *See*—
Critchley, William A. and T. J.
Critchley, William A. and T. J., Cranston, assignors to J. Casciano, East Providence, R. I. Belt buckle. 2,548,200, Apr. 10.
Critchley, William C., and H. A. Male, Brighton, assignors to Gleason Works, Rochester, N. Y. Gear grinding machine. 2,566,402, Sept. 4.
Criterion Bead & Novelty Corp., assignee: *See*—
Damast, Abraham.
Crites, Joe, Evanston, Ill., assignor to Combustion Engineering-Superheater, Inc. Pulverizing mill separator, having whizzer and directional vanes. 2,561,564, July 24.
Crites, Joe, Larchmont, N. Y., assignor to Combustion Engineering-Superheater, Inc. Whizzer separator with helical deflector. 2,564,595, Aug. 14.
Crittenden, Eugene D., Petersburg, Va., assignor to Allied Chemical & Dye Corporation. Reducing corrosion and composition of reduced corrosiveness. 2,549,430, Apr. 17.
Crittenden, Gordon W.: *See*—
Euler, Donald J., Crittenden, and Brandt.
Crittendon, Lexie R., Ilion, N. Y., assignor to Remington Arms Company, Inc., Bridgeport, Conn. Recoil operated firearm with pivoted bolt lock. 2,570,772, Oct. 9.
Crocchi, Piero, Milan, Italy. Vapor electricity generator set. 2,576,284, Nov. 27.
Croce, Michele, Evanston, assignor to Certain-Teed Products Corporation, Chicago, Ill. Structural covering material. 2,554,089, May 22.
Croce, Santy M., Uniondale, assignor to The Wescot Development Corporation, Brooklyn, N. Y. Atomizer. 2,578,463, Dec. 11.
Crocker, De Witt S., Springfield Gardens, N. Y. Curb inlet casting. 2,566,119, Aug. 28.
Crocker, De Witt S., Springfield Gardens, N. Y. Curb inlet casting. 2,566,120, Aug. 28.
Crocker, Ernest C., Belmont, Mass., assignor, by mesne assignments, to G. W. Dyer, Danville, Va. Treating tobacco and treated product. 2,577,453, Dec. 4.
Crocker, Nathan E., Goldsboro, N. C. Convertible male and female electrical connector. 2,538,296, Jan. 16.
Crockett, John W., Buffalo, N. Y. Purse light. 2,558,606, June 26.
Crockett, Robert E., and P. S. Haselton, Montclair, N. J. Magnetic separator. 2,559,565, July 3.
Crockett, William P., Jr., Chicago, Ill. Louver and louver bracket for fluorescent light fixtures. 2,537,305, Jan. 9.
Crockett, William P., Jr., Chicago, Ill. Lighting fixture for elongated tubular lamps. 2,574,019, Nov. 6.
Croco, Carlton W.: *See*—
Kvalnes, Donovan E., and Croco.
Croessant, George F., Wyomissing, Pa. Anchoring socket for bolts. 2,559,281, July 3.
Croghan, Nick A., Moscow, Idaho. Restarter for rotary impulse type motors. 2,553,702, May 22.
Croisant, Donald P.: *See*—
Dolza, John, Gaubatz, Perish, Croisant, and Kerfoot.
Dolza, John, Parish, and Croisant.
Crom, John M., and C. Dobell, New York, N. Y. Concrete pipe mold. 2,579,801, Dec. 25.
Crome, Carl A., Wilmar, Calif. Air valve. 2,538,832, Jan. 23.
Cromeans, John S., Dewey, Okla., assignor to Phillips Petroleum Company. Recovery of organic compounds from aqueous carbon oxide hydrogenation products. 2,555,185, May 29.
Cromeans, John S., Dewey, Okla., assignor to Phillips Petroleum Company. Separation of oxygen-containing compounds. 2,573,185, Oct. 30.
Cromer, Sylvan, Oak Ridge, Tenn., E. T. Booth, Jr., and F. L. Alexander, New York, N. Y., assignors to the United States of America as represented by the United States Atomic Energy Commission. Apparatus for measuring pressure. 2,542,905, Feb. 20.
Cromley, John M., Lewisburg, Pa. Fisherman's bait box. 2,548,201, Apr. 10.
Cromma Company, The, assignee: *See*—
Stellinger, Mogens F.
Crompton, Arthur: *See*—
Bell, William T., and Crompton.
Crompton, George, Jr., Framingham, Mass. Spindle picker check for looms. 2,557,863, June 19.
Crompton & Knowles Loom Works, assignee: *See*—
Beatrice, Gabriel C.
Bergstrom, Carl P.
Bergstrom, Carl P., and Brouwer.
Bergstrom, Carl P., and Palmer.
Bergstrom, Carl P., and Schedin.
Blanchard, William A.
Brouwer, Benjamin W., and Kennedy.
Carron, Leon A.
Dion, Raymond F., and Kennedy.
Fletcher, Norman, and Robb.
Holmes, Elbridge R.
Holmes, Elbridge R., and Sahud.
Kennedy, John T.
Kronoff, Clarence R.
Kronoff, Clarence R., and Peterson.

Crompton & Knowles Loom Works, assignee: *See*—Con.
Krukonis, Alexander C.
Payne, Oscar V.
Peterson, George N.
Robb, Walter Y.
Sepavich, Victor F.
Turner, Richard G.
Wakefield, Walter H.
Cromwell, Cecil E., St. John, New Brunswick, Canada. Ceiling painter. 2,548,653, Apr. 10.
Cromwell, Harold J.: *See*—
Schneider, Paul L., Nighbert, and Cromwell.
Cromwell, Herbert F., Detroit, assignor to Ford Motor Company, Dearborn, Mich. Vehicle window and door construction. 2,542,906, Feb. 20.
Cron, Harry, assignee: *See*—
Groh, Henry.
Crone, Albert H., and R. C. McLaughlin, assignors to Geo. D. Roper Corporation, Rockford, Ill. Gas burner safety control. 2,541,410, Feb. 13.
Cronholm, Fredrik N., Salt Lake City, Utah. Coffee brewer. 2,575,260, Nov. 13.
Cronin, Joseph F., San Francisco, Calif. Paper cutter. 2,551,876, May 8.
Cronin, William F., Rye, assignor to Remington Rand Inc., New York, N. Y. Data card sensing device. 2,567,552, Sept. 11.
Cronk, George W., East Orange, assignor to Worthington Pump and Machinery Corporation, Harrison, N. J. Water tank for concrete mixers. 2,578,000, Dec. 11.
Cronk, Richard C., Hudson, Wis. Pliers. 2,548,422, Apr. 10.
Cronk, Robert W., Denville, N. J., assignor, by mesne assignments, to Sutphen Products Corporation, New York, N. Y. Electric bowling game. 2,536,538, Jan. 2.
Cronshey, Raymond W. and W. H. Rickards, Cleveland, Ohio. Transformer rectifier. 2,564,881, Aug. 21.
Crook, David K., Lincoln, Nebr. Ratio scale. 2,557,944, June 26.
Crook, Lee F., Salisbury, N. C. Fishing appliance. 2,540,713, Feb. 6.
Crook, Louis H., Washington, D. C. High-frequency power radiating and distributing means for antenna and heating systems. 2,564,675, Aug. 21.
Crooker, David E., Ontonagon, Mich., assignor of one-half to L. L. Felker, Marshfield, Wis. Ventilated tire. 2,540,043, Jan. 30.
Crooker, David E., Ontonagon, Mich., assignor of one-half to L. L. Felker, Marshfield, Wis. Nonskid rubber traction member. 2,540,044, Jan. 30.
Crooker, David E., Ontonagon, Mich., assignor of one-half to L. L. Felker, Marshfield, Wis. Nonskid rubber traction member. 2,540,045, Jan. 30.
Crooker, David E., Ontonagon, Mich., assignor of one-half to L. L. Felker, Marshfield, Wis. Snow and ice tire. 2,557,945, June 26.
Crooker, David E., Ontonagon, Mich., assignor of one-half to L. L. Felker, Marshfield, Wis. Nonskid rubber sole construction. 2,557,946, June 26.
Crooks, Edward, Glenshaw, Pa. Apparatus for handling glassware. 2,541,574, Feb. 13.
Crooks, Harry M., Jr.: *See*—
Rawlins, Albert L., and Crooks.
Crooks, Harry M., Jr., M. C. Rebstock, J. Controulis, and Q. R. Bartz, assignors to Parke, Davis & Company, Detroit, Mich. Phenylaminopropandiols. 2,538,763, Jan. 23.
Crooks, Harry M., Jr., M. C. Rebstock, J. Controulis, and Q. R. Bartz, assignors to Parke, Davis & Company, Detroit, Mich. Acylamido-phenylpropanediols. 2,538,764, Jan. 23.
Crooks, Harry M., Jr., M. C. Rebstock, J. Controulis, and Q. R. Bartz, assignors to Parke, Davis & Company, Detroit, Mich. Diacyl phenylpropaneaminodiols. 2,538,765, Jan. 23.
Crooks, Harry M., Jr., M. C. Rebstock, J. Controulis, and Q. R. Bartz, assignors to Parke, Davis & Company, Detroit, Mich. Triacyl-phenylpropaneaminodiols. 2,538,766, Jan. 23.
Crooks, Harry M., Jr., M. C. Rebstock, J. Controulis, and Q. R. Bartz, assignors to Parke, Davis & Company, Detroit, Mich. Organic nitro diol derivatives and metal salts thereof. 2,543,957, Mar. 6.
Crooks, Louis G.: *See*—
Kendall, Thomas L., Mahoney, and Crooks.
Crookston, James J., Moylan, assignor to The Autocar Company, Ardmore, Pa. Vehicle suspension unit. 2,550,331, Apr. 24.
Crookston, Robert R., Houston, Tex., assignor, by mesne assignments, to Standard Oil Development Company, Elizabeth, N. J. Power brake for hoisting drums. 2,545,136, Mar. 13.
Crookston, Robert R., Houston, Tex., assignor, by mesne assignments, to Standard Oil Development Company, Elizabeth, N. J. Device for giving shaft angular movement. 2,563,584, Aug. 7.
Crookston, Robert R., Houston, Tex., assignor, by mesne assignments, to Standard Oil Development Company, Elizabeth, N. J. Wire line tensioning device. 2,574,378, Nov. 6.
Crookston, Robert R., and J. S. Waters, Houston, Tex., assignors, by mesne assignments, to Standard Oil Development Company, Elizabeth, N. J. Drilling rate recorder. 2,565,951, Aug. 28.
Crosa, Giacomo and L., Genoa-Bolzaneto, Italy. Retractable worktable. 2,549,431, Apr. 17.
Crosa, Luigi: *See*—
Crosa, Giacomo and L.
Crosby, Charles D., Denver, Colo. Weighing and charging mechanism for transit mix trucks. 2,571,113, Oct. 16.
Crosby Chemicals, Inc., assignee: *See*—
Hampton, Burt L.
Crosby, John G., Minneapolis, Minn. Internal gas burner. 2,552,845, May 15.
Crosby, Josiah D., Wellesley, Mass., assignor to The B. F. Goodrich Company, New York, N. Y. Gun hand guard. 2,563,923, Aug. 14.
Crosby, Melvin A., Dayton, Ohio, assignor to The Dayton Rubber Company. Making wire-wrapped belts. 2,538,414, Jan. 16.
Crosby, Melvin A., Springfield, Ohio, assignor to H-P-M Development Corporation, Wilmington, Del. Intensifier. 2,550,405, Apr. 24.
Crosby, Melvin A., and E. L. Luaces, Dayton, Ohio, assignors to The Dayton Rubber Company. Manufacturing wire cord. 2,577,843, Dec. 11.
Crosby, Murray G., Montclair, N. J., assignor to Radio Corporation of America. Distance finder with automatic range tracking. 2,537,574, Jan. 9.
Crosby, Murray G., Montclair, N. J., assignor to Radio Corporation of America. Interference reducing impulse amplitude detector. 2,540,512, Feb. 6.
Crosby, Murray G., Riverhead, N. Y., assignor to Radio Corporation of America. Radio receiving system. 2,570,431, Oct. 9.
Crosby, Murray G., Riverhead, N. Y. Exalted carrier receiver. 2,575,047, Nov. 13.
Crosby, Stephen A., and P. Zasadny, Chicago, Ill., assignors, by mesne assignments, to Porter-Cable Machine Company, Syracuse, N. Y. Portable rubbing machine. 2,545,942, Mar. 20.
Crosby, William H., Oil City, Pa. Collapsible disposable container. 2,574,246, Nov. 6.
Crosland, Edward M., Culcheth, near Warrington, assignor to T. & T. Vicars Limited, Earlestown, Newton-le-Willows, England. Baking oven. 2,538,555, Jan. 16.
Crosland, Edward M., Culcheth, near Warrington, assignor to T. & T. Vicars Limited, Earlestown, Newton-le-Willows, England. Machinery for cutting out pieces of plastic material from a continuously moving sheet. 2,544,527, Mar. 6.
Crosley Broadcasting Corporation, assignee: *See*—
Rockwell, Ronald J.
Crosley Division, Avco Manufacturing Corporation, assignee: *See*—
Russell, William J.
Crosman, Loring P., Darien, and W. H. Henrich, East Norwalk, Conn., assignors to Remington Rand Inc., New York, N. Y. Digit indicator. 2,563,102, Aug. 7.
Crosman, Loring P., Darien, Conn., assignor to Remington Rand Inc., New York, N. Y. Electronic accumulator. 2,579,174, Dec. 18.
Croson, Clyde R., Wheeling, W. Va. Pipe-making machine. 2,563,214, Aug. 7.
Cross, Bert S., assignor to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Bead coated tympan sheet. 2,555,319, June 5.
Cross, Bert S., St. Paul, and G. P. Netherly, Afton Township, Washington County, assignors to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Fixing particles to sheet material. 2,548,872, Apr. 17.
Cross, Bert S., St. Paul, and G. P. Netherly, Afton, assignors to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Inverse method of forming particulate coated sheets. 2,567,186, Sept. 11.
Cross, Bertram J., Nyack, N. Y., assignor, by mesne assignments to Combustion Engineering-Superheater, Inc. Purification of steam. 2,562,484, July 31.
Cross, Carl J., Runnemede, N. J., and S. W. Lynch, Beverly, Mass., assignors to Magnetic Metals Company, Camden, N. J. Apparatus for coating thin stiff sheets. 2,541,502, Feb. 13.
Cross, Carroll N., Middleboro, Mass. Hinged section for mounts. 2,553,174, May 15.
Cross, Fred H., Lansing, assignor by decree of Court to Otto C. Hartig, Holt, Mich. Vaporizing type liquid fuel burner. 2,549,175, Apr. 17.
Cross, Garrett P. S.: *See*—
Topham, Laurence E., and Cross.
Cross, Henry B., Jr., West Orange, N. J. Yarn package. 2,553,633, May 22.
Cross, Howard C.: *See*—
Bartholomew, Earl, and Cross.
Cross, Howard C., Columbus, Ohio, assignor, by mesne assignments, to Ethyl Corporation, New York, N. Y. Organic phosphates as wear inhibitors for iron carbonyl. 2,546,422, Mar. 27.
Cross, James M., Washington, and M. E. Chiddix, Phillipsburg, N. J., assignors to General Aniline & Film Corporation, New York, N. Y. Alkylation of aryl glycol ethers. 2,536,976, Jan. 2.
Cross, James M., Belvidere, and R. L. Mayhew, Phillipsburg, N. J., assignors to General Aniline & Film Corporation, New York, N. Y. Halomethyl ethers of nuclear alkylated monoaryl glycol ethers. 2,554,441, May 22.

Cross, James W., Kent, and N. E. Whitchurch, assignors to Goodyear Aircraft Corporation, Akron, Ohio. Apparatus for aiding high altitude ignition in jet power plants. 2,557,909, June 19.
Cross, John F.: *See*—
Lang, Karl A., and Cross.
Cross, Joseph A., Westerville, Ohio, assignor to Mojonnier Bros. Co. Processing of aqueous comestible solutions. 2,548,776, Apr. 10.
Cross, Joseph A., Westerville, Ohio, assignor to Mojonnier Bros Co. Concentrating apparatus. 2,554,138, May 22.
Cross, Joseph A., Westerville, Ohio, assignor to Mojonnier Bros. Co. Distillation apparatus for removing oil from citrus fruit juices. 2,558,933, July 3.
Cross, Joseph A., assignor to Mojonnier Bros. Co., Inc., Chicago, Ill. Evaporation method and apparatus. 2,570,210, Oct. 9.
Cross, Joseph A., Westerville, Ohio, assignor to Mojonnier Bros. Co., Inc., Chicago, Ill. Falling film evaporator. 2,570,211, Oct. 9.
Cross, Joseph A., Westerville, Ohio, assignor to Mojonnier Bros. Co., Inc., Chicago, Ill. Milk evaporation process. 2,570,212, Oct. 9.
Cross, Joseph A., Westerville, Ohio, assignor to Mojonnier Bros. Co., Inc., Chicago, Ill. Milk evaporation process and apparatus. 2,570,213, Oct. 9.
Cross, Lester L., assignor to The Brockway Motor Company, Inc., Cortland, N. Y. Automotive ventilator for tractor cabs. 2,557,908, June 19.
Cross, Lloyd E.: *See*—
Lingen, Ralph A., and Cross.
Cross, Lloyd E., Milwaukee, Wis. Controller for heating systems. 2,557,027, June 12.
Cross, Milburn B., Chino, Calif. Carrier for outboard motors. 2,575,749, Nov. 20.
Cross, Ralph E.: *See*—
Camp, Archie B., and Cross.
Cross, Ralph E., Grosse Pointe, and K. O. Tech, East Detroit, Mich.; said Tech assignor to said Cross. Machine tool. 2,540,323, Feb. 6.
Cross, Robert P., Jr.: *See*—
Crane, Edward J., and Cross.
Cross, Walter M., Jr., assignor to Kansas City Testing Laboratory, Kansas City, Mo. Corrosion prevention. 2,546,586, Mar. 27.
Cross, Walter T., Bermondsey, assignor to Barrow, Hepburn & Gale, Limited, London, England. Collapsible containers such as suitcases, attaché cases, or like traveling cases. 2,538,616, Jan. 16.
Cross, William G., assignor of forty-nine per cent to B. Zeesman, Cordele, Ga. Peanut and leafy vegetable harvester. 2,550,332, Apr. 24.
Crosset Company, The, assignee: *See*—
Crosset, Richard B.
Crosset, Richard B., assignor to The Crosset Company, Cincinnati, Ohio. Method and apparatus for debutting Brussels sprouts. 2,550,785, May 1.
Crossett Lumber Company, assignee: *See*—
Sandborn, Lloyd T.
Crossett, Richard B., assignor to The Crosset Company, Cincinnati, Ohio. Weighing funnel. 2,536,125, Jan. 2.
Crossingham, James H., assignor to Mount Airy Knitting Co., Mount Airy, N. C. Garment with expansible neck opening. 2,549,894, Apr. 24.
Crossland, Alfred, West Newton, Pa. Coal mining and conveying machine. 2,548,952, Apr. 17.
Crossley, Charles N.: *See*—
Peters, Herbert W., Crossley, and Gagan.
Crossley, Elijah R., Chicago, Ill. Instrument for use in performing surgical eye operations. 2,555,076, May 29.
Crossley, Muryl G. Oklahoma City Okla. Grave digger. 2,561,343, July 24.
Crossley, Tom A., La Grange, Ga. Shirt packaging device. 2,550,333, Apr. 24.
Crossman, Kenneth W., Abington, and J. Numerof, assignors to The Edwin H. Fitler Company, Philadelphia, Pa. Doffing mechanism for spinning machines. 2,541,503. Feb. 13.
Crossman, Ward O., assignor to Bendix Aviation Corporation, South Bend, Ind. Resilient clamping device for bonding brake linings to brake shoes. 2,554,297, May 22.
Crotts, Andrew P., Marlow, Okla. Safety lock for vehicle brake cylinders. 2,566,874, Sept. 4.
Crouch, James O., Kilgore, Tex., and O. W. Lyons, Shreveport, La., assignors to The Dow Chemical Company, Midland, Mich. Treating well bore walls. 2,556,169, June 12.
Crouch, Logan R., Jackson, Miss. Concrete wall form and molding concrete walls. 2,562,299, July 31.
Crouch, Willie W.: *See*—
Schulze, Walter A., and Crouch.
Crouch, Willie W., Bartlesville, Okla., assignor to Phillips Petroleum Company. Treating polymers produced by alkali metal catalyzed polymerizations. 2,543,440, Feb. 27.
Crouch, Willie W., Bartlesville, Okla., assignor to Phillips Petroleum Company. 1,2-diolefins as modifiers in the alkali-metal-catalyzed polymerization of conjugated diolefins. 2,559,947, July 10.
Crouch, Willie W., Bartlesville, Okla., assignor to Phillips Petroleum Company. Production of alkali metal salts of N-substituted dithiocarbamic acids. 2,563,007, Aug. 7.
Crouch, Willie W., Bartlesville, Okla., assignor to Phillips Petroleum Company. Latices from alkali metal catalyzed polymers. 2,568,950, Sept. 25.
Crouch, Willie W., Bartlesville, Okla., assignor to Phillips Petroleum Company. Di(tert-alkyl) mercaptals. 2,571,114, Oct. 16.
Crouch, Willie W., Bartlesville, Okla., assignor to Phillips Petroleum Company. Shortstopping an emulsion polymerization reaction with alkyl polysulfide. 2,574,020, Nov. 6.
Crouch, Willie W., Bartlesville, Okla., assignor to Phillips Petroleum Company. Solution polymerization. 2,577,677, Dec. 4.
Crouch, Willie W., Bartlesville, Okla., and E. G. Marhofer, Phillips, Tex., assignors to Phillips Petroleum Company. Use of blends of tertiary alkyl mercaptans in emulsion polymerization. 2,549,961, Apr. 24.
Crouch, Willie W., Bartlesville, Okla., and E. G. Marhofer, Phillips, Tex., assignors to Phillips Petroleum Company. Use of a blend of tertiary alkyl mercaptans in emulsion polymerization. 2,549,962, Apr. 24.
Crouch, Willie W., and J. F. Howe, Bartlesville, Okla., assignors to Phillips Petroleum Company. Heteropolymerization of sulfur dioxide and an unsaturated organic compound in the presence of an iron polyphosphate. 2,556,799, June 12.
Croucher, Antony H., Esher, England. Let-down type rigid top. 2,575,864, Nov. 20.
Crouse-Hinds Company, assignee: *See*—
Eddy, George R.
Sensinger, Wilbur A.
Crouse, Robert L., Winterset, Iowa. Liquid level indicator. 2,564,676, Aug. 21.
Crouse, William W., Carmel, assignor to Ransburg Electro-Coating Corp., Indianapolis, Ind. Coating method and apparatus. 2,568,611, Sept. 18.
Crouzet, Henri, Riorges, France. Sectional warping frame. 2,557,597, June 19.
Crow, Cecil F., Klamath Falls, Oreg. Work guide for woodworking machines and the like. 2,578,516, Dec. 11.
Crow, Frank D., Thiensville, Wis. Snap action valve mechanism. 2,560,090, July 10.
Crowe, John J., Westfield, N. J., assignor to Air Reduction Company, Incorporated. Acetylene manifold. 2,563,989, Aug. 14.
Crowe, John M., Covington, Ky. Fluid burner with auxiliary external oxygen supply. Re. 23,372, June 5.
Crowe, Richard G., Normandy, Mo. Cloth folding machine. 2,538,671, Jan. 16.
Crowell, Orby B.: *See*—
Rashleigh, Leonard J., and Crowell.
Crowell, Serge L., Garden City, and G. J. Philippi, Brooklyn, assignors to Dynoflow Solder Corporation, Long Island, N. Y. Fluxed solder rod. 2,565,477, Aug. 28.
Crowell, Walter S., Melrose Park, Pa., assignor to The S. S. White Dental Manufacturing Company. Amalgam carrier. 2,573,547, Oct. 30.
Crowley, Cornelius J.: *See*—
Gow, Arthur R., and Crowley.
Crowley, George C., Bridgeport, Conn., assignor to General Electric Company. Wire wound resistor. 2,548,591, Apr. 10.
Crowley, George C., Bridgeport, Conn., assignor to General Electric Company. Electric blanket control. 2,549,432, Apr. 17.
Crowley, George C., Bridgeport, Conn., assignor to General Electric Company. Temperature responsive control circuits. 2,565,478, Aug. 28.
Crowley, Gerald P.: *See*—
Baird, William, and Crowley.
Crowley, Henry L., South Orange, and A. M. Hossenlopp, Maplewood, N. J. Apparatus for molding articles. 2,558,823, July 3.
Crowley, Henry L., South Orange, N. J., assignor to Henry L. Crowley & Company, Inc. Magnetic compositions. 2,575,099, Nov. 13.
Crowley, Henry L., & Company, Inc., assignee: *See*—
Crowley, Henry L.
Crowley, John A., Jr., New York, N. Y., assignor to Socony-Vacuum Oil Company, Incorporated. Combination hydrocarbon vaporization and cracking process. 2,571,342, Oct. 16.
Crowley, John A., Jr., Scarsdale, N. Y., assignor to Socony-Vacuum Oil Company, Incorporated. Conducting reactions in the presence of a solid material. 2,574,247, Nov. 6.
Crowley, John C., Willoughby, Ohio. Tire pressure gauge. 2,551,487, May 1.
Crown Can Company, assignee: *See*—
Schmidt, John.
Crown Controls Company, Inc., assignee: *See*—
Dicke, Carl H.
Smith, Roland L.
Crown Cork Company Limited, The, assignee: *See*—
Armstrong, Norman F., and Tweddell.
Ryan, Victor A., Kesler, and Pimper.
Wilckens, Eibe A.
Wilckens, Eibe A., and Magill.
Crown Cork & Seal Company, Inc., assignee: *See*—
Cooper, William B., and Burgemeister.
Erhardt, John E., Jr.
Rau, Harry A.

Crown Cork Specialty Corporation, assignee: *See*—
Carvalho, Leslie R. N.
Hazenfield, Daryold M.
Crown Fastener Corporation, assignee: *See*—
Anderson, Charles S.
Kellum, Paul S.
Morin, Louis H., and Gries.
Crown, William H., Leytonstone, London, and H. R. Whitfield, Ilford, assignors to Henry Hughes & Son Limited, Barkingside, England. Electric pulse generating circuit. 2,548,953, Apr. 17.
Crown Zellerbach Corporation, assignee: *See*—
Holmberg, John A.
Lackey, Homer B.
Swift, Frank H., and Dodson.
Crownover, Joseph W., Hartsdale, and H. A. Pearson, Mount Vernon, N. Y. Hearing aid amplifier. 2,541,811, Feb. 13.
Crownover, Joseph W., Hartsdale, and H. W. Koren, New York, assignors to Sonotone Corporation, Elmsford, N. Y. Audio-frequency amplifier. 2,563,773, Aug. 7.
Crowson, Jewel D., L. L., and J. H., Texarkana, Ark. Jointed fishing pole ferrule. 2,574,249, Nov. 6.
Crowson, Jonas H.: *See*—
Crowson, Jewel D., L. L., and J. H.
Crowson, Jonas H., Texarkana, Ark. Pole straightener. 2,574,248, Nov. 6.
Crowson, Louis L.: *See*—
Crowson, Jewel D., L. L., and J. H.
Crowther, Edmond C., Philadelphia, Pa., assignor to Illinois Tool Works, Chicago, Ill. Screw and washer assembly. 2,537,575, Jan. 9.
Crowthers, Arlis L., North Hollywood, Calif. Head covering. 2,574,208, Nov. 6.
Croxall, Willard J.: *See*—
Dawson, John W., and Croxall.
Fegley, Marian F., and Croxall.
Van Hook, John O., and Croxall.
Croxall, Willard J., Bryn Athyn, and J. O. Van Hook, assignors to Rohm & Haas Company, Philadelphia, Pa. Acyloxymethylene-pentenoates. 2,540,070, Jan. 30.
Croxall, Willard J., Bryn Athyn, and J. O. Van Hook, assignors to Rohm & Haas Company, Philadelphia, Pa. Allylic rearrangement. 2,540,071, Jan. 30.
Croxall, Willard J., Bryn Athyn, and J. O. Van Hook, assignors to Rohm & Haas Company, Philadelphia, Pa. Preparation of malonates. 2,541,957, Feb. 13.
Croxall, Willard J., Bryn Athyn, Pa., and H. J. Schneider, Badger, Wis., assignors to Rohm & Haas Company, Philadelphia, Pa. Preparation of alkyl alpha-oxo-gamma-phenyl-gamma-alkoxy-beta-butenoates. 2,550,042, Apr. 24.
Croxall, Willard J., Bryn Athyn, and J. O. Van Hook, assignors to Rohm & Haas Company, Philadelphia, Pa. Preparation of thioether esters. 2,556,134, June 5.
Croxall, Willard J., Bryn Athyn, and J. O. Van Hook, assignors to Rohm & Haas Company, Philadelphia, Pa. Preparation of ketal esters. 2,556,135, June 5.
Croxall, Willard J., Bryn Athyn, and M. F. Fegley, Mont Clare, assignors to Rohm & Hass Company, Philadelphia, Pa. Preparing esters of ether-substituted carboxylic acids. 2,560,277, July 10.
Croxall, Willard J., Bryn Athyn, and H. J. Schneider, assignors to Rohm & Haas Company, Philadelphia, Pa. Preparation of ether-substituted unsaturated esters. 2,571,212, Oct. 16.
Croxall, Willard J., Bryn Athyn, and Chien-Pen Lo, assignors to Rohm & Haas Company, Philadelphia, Pa. Thionoimidazolidylethyl dithiocarbamates. 2,577,700, Dec. 4.
Crozier, Robert N., E. Lavin, and A. T. Marinaro, assignors to Shawinigan Resins Corporation, Springfield, Mass. Polyvinyl acetal resin stabilized with dicyandiamide-formaldehyde reaction product. 2,555,320, June 5.
Crozier, Robert N., E. Lavin, and A. T. Marinaro, assignors to Shawinigan Resins Corporation, Springfield, Mass. Polyvinyl acetal stabilized with melamine-formaldehydes. 2,555,876, June 5.
Crozier, Robert N., E. Lavin, and A. T. Marinaro, assignors to Shawinigan Resins Corporation, Springfield, Mass. Vinyl acetal resin stabilized with urea-formaldehyde reaction product. 2,561,183, July 17.
Crucible Steel Company of America, assignee: *See*—
O'Donnell, Michael V.
Payson, Peter.
Schmucker, Robert A., Jr., Preusch, and Browne.
Cruckshank, Ira G.: *See*—
Alford, Joseph S., Burgess, and Cruckshank.
Cruess, William F., Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Control and indicating system for circuit breakers. 2,562,485, July 31.
Cruikshank, Douglas B., Alexandria, Va. Communication system. 2,565,479, Aug. 28.
Cruise, John H., Linden, N. J., assignor, by mesne assignments, to Combustion Engineering-Superheater, Inc. Combustion gas heater apparatus for multitemperature air supply for furnaces. 2,578,783, Dec. 18.
Crull, Orville, Darlington, Ind. Fruit and nut harvester. 2,562,775, July 31.
Crumb, Duane R., Webster, N. Y., assignor to General Motors Corporation, Detroit, Mich. Cylinder locking device. 2,563,215, Aug. 7.
Crumbaker, Allen T., Clarkeston, Wash. Ash pit door carried draft regulator for granular fuel burning stoves. 2,540,657, Feb. 6.
Crummett, Alan, Leeds, and A. Mellor, Spondon, near Derby, England, assignors to Celanese Corporation of America. Carbonization of cellulose acetate fibers with gaseous HCl and swelling agent to separate from wool fibers. 2,566,403, Sept. 4.
Crummey, George F., Meriden, Conn. Cam action screw driver. 2,543,441, Feb. 27.
Crump, Elmo E.: *See*—
Foster, Harry R., and Crump.
Crump, Elmo E., East Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Combined radar and communication system. 2,542,182, Feb. 20.
Crump, Elmo E., West Caldwell, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Tuning control for thermally tuned devices or oscillators. 2,566,825, Sept. 4.
Crump, Lindell L., Kirkwood, and C. A. Fox, Oakland Village, assignors to James R. Kearney Corporation, St. Louis, Mo. Electrical surge arrester. 2,559,599, July 10.
Crump, Wallace M., Denver, Colo. Adjustable power takeoff for automotive vehicles. 2,572,115, Oct. 23.
Crump, Woodford J., assignor to Truk-Step Company, Inc., Los Angeles, Calif. Retractable step. 2,575,615, Nov. 20.
Crumpler, William S., Clinton, N. C. Knockdown portable table. 2,556,362, June 12.
Crumpton, James S., Altamahaw, assignor of one-half to M. C. Murray, Elon College, N. C. Ladder. 2,542,398, Feb. 20.
Crumrine, Chester W., Rochester, assignor to International Business Machines Corporation, New York, N. Y. Carriage positioning mechanism. 2,547,443, Apr. 3.
Crumrine, Chester W., Rochester, assignor to International Business Machines Corporation, New York, N. Y. Paper bail mechanism for typewriters. 2,566,930, Sept. 4.
Crumrine, Kenneth C., Tulsa, Okla., assignor to The Texas Company, New York, N. Y. Well logging. 2,541,341, Feb. 13.
Crumrine, Kenneth C., Tulsa, Okla., assignor to The Texas Company, New York, N. Y. Detection of scattered neutrons. 2,549,176, Apr. 17.
Crumrine, Kenneth C., Tulsa, Okla., assignor to The Texas Company, New York, N. Y. Amplifying and pulse selecting circuit for radiation detectors. 2,557,636, June 19.
Crumrine, Kenneth C., Tulsa, Okla., assignor to The Texas Company, New York, N. Y. Chemical analysis using neutrons. 2,567,057, Sept. 4.
Crut, Georges L. A., assignor to Societe de L'Institut de Serotherapie Hemopoietique, Paris, France. Hemostatic composition of thrombin and glycocoll. 2,553,497, May 15.
Crutchfield, Leslie M., Monrovia, W. E. Campbell, Jr., Pasadena, and H. W. Mace, Glendale, assignors to Aerojet Engineering Corporation, Azusa, Calif. Solid propellant charge for rocket motors. 2,539,404, Jan. 30.
Cruz, Mamerto M., Jr.: *See*—
Sisson, Wayne A., and Cruz.
Cruz, Mamerto M., Jr., assignor to American Viscose Corporation, Wilmington, Del. Production of carboxyethyl celluloses. 2,577,844, Dec. 11.
Crystal-Flo Products Company, assignee: *See*—
Burgess, Archibald R.
Thompson, Parke H.
Crystal Research Laboratories, Incorporated, assignee: *See*—
Blackburn, Richard K.
Cuban-American Sugar Company, The, assignee: *See*—
Swenson, Oscar J.
Cubbage, Arthur B., Los Angeles, Calif. Firearm trigger mechanism. 2,564,960, Aug. 21.
Cubberley, Mitchell H., Belleville, N. J. Safety ski binding. 2,573,955, Nov. 6.
Cubberley, Richard H., Ridgewood, and C. E. Dill, Florham Park, N. J., assignors to The Patent and Licensing Corporation, New York, N. Y. Stabilized polymerized chloroprene latex containing aluminous cement. 2,556,575, June 12.
Cubberley, Richard H., Ridgewood and W. R. Hartmann, East Orange, N. J., assignors to The Patent and Licensing Corporation, New York, N. Y. Saturating composition for impregnating glass fiber sheet material. 2,564,882, Aug. 21.
Cubberley, Richard H., Madison, L. P. Hill, Ridgewood, and W. J. Mohr, Clifton, N. J., assignors to The Patent and Licensing Corporation, New York, N. Y. Asphalt-base laminating adhesive. 2,578,001, Dec. 11.
Cube Steak Machine Co., assignee: *See*—
Spang, William F.
Cubitt, Roger H.: *See*—
Sell, Richard G., and Cubitt.
Cubitt, Roger H., London, England, assignor, by mesne assignments, to The Union Switch and Signal Company, Swissvale, Pa. Dry surface contact rectifier assembly. 2,539,894, Jan. 30.
Cuccia, Carmen L.: *See*—
Donal, John S., Jr., Cuccia, and Brown.

Cuccia, Carmen L., Princeton, N. J., assignor to Radio Corporation of America. Microwave coupling system and apparatus. 2,542,797, Feb. 20.
Cudahy Brothers Company, assignee: *See*—
Olien, Henry C., and Geisenheimer.
Cuddy, John: *See*—
Siasor, Nicholas R., and Cuddy.
Cudini, Roger G.: *See*—
Patton, John W., and Cudini.
Cudini, Roger G., Birmingham, assignor to Moynahan Bronze Company, Detroit, Mich. Berth flap lifter. 2,541,504, Feb. 13.
Cudini, Roger G., Birmingham, assignor to Moynahan Bronze Company, Detroit, Mich. Berth leg and anchor. 2,565,204, Aug. 21.
Cudly, Mary M., Friend, Nebr. Needle guide. 2,568,951, Sept. 25.
Cufalo, John, New York, N. Y. Alarm switch. 2,550,673, May 1.
Cuff, Barbara T., Huntington Beach, Calif. Bobby pin spreader. 2,547,814, Apr. 3.
Cuffin, Jack, Verdun, Quebec, Canada. Paint and enamel mill. 2,539,729, Jan. 30.
Culbertson, Glenn B., Dayton, Ohio. Fluid coupling. 2,548,873, Apr. 17.
Culberston, James B.: *See*—
Erasmus, Hendrik de W., and Culberston.
Culbertson, James B., Lockport, N. Y., assignor to Union Carbide and Carbon Corporation. Producing silanes. 2,551,571, May 8.
Culbertson, James B., Lockport, H. D. Erasmus, Lewiston, and R. M. Fowler, Niagara Falls, N. Y., assignors to Union Carbide and Carbon Corporation. Making furfuryl silicate. 2,569,455, Oct. 2.
Culbertson, James B., Lockport, H. D. Erasmus, Lewiston, and R. M. Fowler, Niagara Falls, N. Y., assignors to Union Carbide and Carbon Corporation. Preparing phenyl silicates from phenols and SiS_2. 2,569,746, Oct. 2.
Culbertson, James B., Lockport, H. D. Erasmus, Lewiston, and R. M. Fowler, Niagara Falls, N. Y., assignors to Union Carbide and Carbon Corporation. Reaction of aliphatic polyhydric alcohols and chlorohydrins with SiS_2. 2,569,747, Oct. 2.
Culhane, Patrick J., Jr., Cleveland Heights, Ohio. Fishhook disgorger. 2,537,879, Jan. 9.
Cull, James B.: *See*—
Brooke, Lloyd F., Cull, and Berlenbach.
Cull, Robert R.: *See*—
Ludwig, Sidney, and Cull.
Cullen, Cecil H., Langford, near Bristol, England. Invalid lifting appliance and the like. 2,546,688, Mar. 27.
Cullen, Ernest E., San Diego, assignor of one-half to J. S. Gregg, Laguna, and one-fourth to R. J. Wood, San Diego, Calif. Combination container opener. 2,568,612, Sept. 18.
Cullen, Lawrence E., Orient, Iowa. Hog chute. 2,577,233, Dec. 4.
Cullen, Walter D., Cleveland, Ohio. Air heater for motor vehicles. 2,544,446, Mar. 6.
Cullen, William W., Baltimore, assignor to Black Manufacturing Company, Parkton, Md. Valved air hose spud for paint spray guns. 2,558,125, June 26.
Culligan, E. J., Benevolent Foundation, assignee: *See*—
Culligan, Emmett J. and T. E.
Culligan, Emmett J. and T. E., assignors to E. J. Culligan Benevolent Foundation, San Bernardino, Calif. Dishwashing apparatus. 2,548,100, Apr. 10.
Culligan, Thomas E.: *See*—
Culligan, Emmett J. and T. E.
Culligan Zeolite Company, assignee: *See*—
Klumb, George H.
Cully, Harrod E., Eugene, Oreg. Rotary beater, rock reducer, disintegrator, and mineral releasing machine with semiperforate drum and interior material lifting and impacted pockets. 2,542,482, Feb. 20.
Culnane, Charles H.: *See*—
Devaney, Lawrence W., Clarke, and Culnane.
Culp, Harry R., Miami, Fla. Household tongs for cleaning wads. 2,536,873, Jan. 2.
Culver, Donald C., South Ardmore, Pa., assignor, by mesne assignments, to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Cathode-ray tube apparatus for comparing two electrical signals. 2,561,612, July 24.
Culver, Donald C., South Ardmore, R. F. Wild, Philadelphia, T. R. Harrison, Wyncote, and W. P. Wills, Philadelphia, Pa., assignors, by mesne assignments, to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Vibration analyzing apparatus. 2,564,300, Aug. 14.
Culver, Douglas E., Tippendell Lane, near St. Albans, and R. Bayliss, London, England. Spectacle frame having interchangeable parts. 2,564,961, Aug. 21.
Culver, Harry H., Williamsport, Pa. Clinker crushing furnace grate. 2,574,021, Nov. 6.
Culver, Laurence R., Melbourne, Fla., assignor to Fairbanks, Morse & Co., Chicago, Ill. Automatic poise operating means for weighing scales. 2,541,915, Feb. 13.
Culver, William W., Pacific Grove, Calif. Fishing lure. 2,565,205, Aug. 21.
Culwell, Robert W., Hot Springs, S. Dak. Puzzle. 2,541,411, Feb. 13.
Cuming, William R.: *See*—
Emerson, Cherry L., Jr., and Cuming.
Cumming, James M.: *See*—
Lingal, Harry J., and Cumming.
Wallace, James M., Rawlins, Cumming, and Aspey.
Cumming, James M., Turtle Creek, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Electrical switchgear. 2,542,798, Feb. 20.
Cumming, James M., and W. S. Aspey, Turtle Creek, Pa., assignors, by mesne assignments, to the United States of America as represented by the United States Atomic Energy Commission. Electric heating device. 2,548,423, Apr. 10.
Cummings, Austin M., Woodbury, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Explosive composition containing vermiculite. 2,577,110, Dec. 4.
Cummings, Ira R., deceased, by M. F. Cummings, executrix, Cranford, N. J., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Electrostatic dust precipitator. 2,579,552, Dec. 25.
Cummings, John D., Schenectady, N. Y. Rotating seesaw. 2,544,589, Mar. 6.
Cummings, Leland W. T., Wyncote, assignor to Sun Oil Company, Philadelphia, Pa. Fractionating tower bubble cap tray. 2,545,651, Mar. 20.
Cummings, Leland W. T., Wyncote, assignor to Sun Oil Company, Philadelphia, Pa. Apparatus for conducting high-temperature reactions. 2,548,519, Apr. 10.
Cummings, Linn F.: *See*—
Neal, Robert A., and Cummings.
Cummings, Margaret F., executrix: *See*—
Cummings, Ira R.
Cummings, Noble E., Goodlettsville, Tenn. Rolling row crop cultivator. 2,574,379, Nov. 6.
Cummings, Stanley M.: *See*—
Hoffman, Harry W., and Cummings.
Cummings, Tom: *See*—
Merriam, Henry F., and Cummings.
Cummins, George A., San Francisco, Calif. Variable length fish lure. 2,568,488, Sept. 18.
Cummins, Harry D., assignee: *See*—
Beeson, Martin L., and Sellers.
Cummins, Harry D., Pasadena, assignor, by mesne assignments, of sixty per cent to T. H. Coffey, La Crescenta, Calif., and forty per cent to W. D. Sellers. Drill. 2,575,332, Nov. 20.
Cummins, Philip, Morristown, N. J. Plastic adding machine. 2,541,463, Feb. 13.
Cummiskey, Charles E.: *See*—
Morrow, David, and Cummiskey.
Cumpston, Edward H., Jr., assignor to Eastman Kodak Company, Rochester, N. Y. Film-winding control for cameras. 2,552,262, May 8.
Cumpston, Edward H., Jr., Rochester, N. Y. Mechanism for feeding rotary tool spindles of drill presses and the like. 2,578,464, Dec. 11.
Cunder, Joseph: *See*—
Southern, John A., Roth, Licata, and Cunder.
Cuneo, Frank J., Long Beach, and L. A. Cuneo, New York, assignors to Cuneo Products Corp., Long Beach, N. Y. Sweater stretcher and drier. 2,539,895, Jan. 30.
Cuneo, Joseph F.: *See*—
Doumani, Thomas F., and Cuneo.
Cuneo, Lawrence A.: *See*—
Cuneo, Frank J. and L. A.
Cuneo Products Corp., assignee: *See*—
Cuneo, Frank J. and L. A.
Cuningham, Hugh R., Houston, Tex. Key holder. 2,554,817, May 29.
Cunkelman, John W., Fort Dodge, Iowa, and J. A. Whiting, Kansas City, Mo., assignors to Fort Dodge Laboratories, Inc., Fort Dodge, Iowa. Veterinary compositions for vaginitis and related disorders. 2,550,914, May 1.
Cunningham, Arthur R., Detroit, Mich. Wagon construction. 2,541,210, Feb. 13.
Cunningham, Arthur R., Detroit, Mich. Dump vehicle construction. 2,566,556, Sept. 4.
Cunningham, Burris B., Chicago, Ill., C. Smith, Oakland, Calif., and J. S. Dixon, Santa Fe, N. Mex., assignors to the United States of America as represented by the United States Atomic Energy Commission. Coating with plutonium acetylacetonate and coated product. 2,545,606, Mar. 20.
Cunningham, Earl W.: *See*—
Freshwater, Edmon S., Muth, and Cunningham.
Cunningham, Edwin A., Jr., Baldwin Manor, assignor, by mesne assignments, to Hagan Corporation, Pittsburgh, Pa. Power failure responsive locking device for power operators. 2,536,874, Jan. 2.
Cunningham, George L.: *See*—
Knox, William G., and Cunningham.
Cunningham, George L., assignor to The Commonwealth Engineering Company of Ohio, Dayton, Ohio. Extracting liquids from a solution to effect concentration. 2,552,523, May 15.
Cunningham, George L., assignor to The Commonwealth Engineering Company of Ohio, Dayton, Ohio. Apparatus for extracting liquid to form a concentrate. 2,552,524, May 15.
Cunningham, Irwin L., Odessa, Tex. Optical angle measuring system. 2,579,067, Dec. 18.
Cunningham, James E., and D. R. Combs, East Liverpool, Ohio. Boat trailer. 2,571,213, Oct. 16.

Cunningham, James L., Augusta, Ga. Scale sealing means. 2,541,862, Feb. 13.
Cunningham, James M.: *See*—
Brand, Samuel, and Cunningham.
Cunningham, James M., and A. F. Smith, Endicott, assignors to International Business Machines Corporation, New York, N. Y. Record card punching machine. 2,566,931, Sept. 4.
Cunningham, Joseph C., Baltimore, Md. Can opener. 2,578,401, Dec. 11.
Cunningham, M. E., Company, assignee: *See*—
Hauer, Leon C.
Speicher, Frank S.
Cunningham, Marion M., Woonsocket, R. I., assignor to United States Rubber Company, New York, N. Y. Fitting for flexible containers. 2,559,064, July 3.
Cunningham, Mary L., administratrix: *See*—
Cunningham, Wesley W.
Cunningham, Millard B., Tulsa, Okla. Sanitary garbage can. 2,573,548, Oct. 30.
Cunningham, Paul, assignor of one-quarter to C. H. Bradley, Jr., Houston, Tex. Dental tray. 2,577,513, Dec. 4.
Cunningham, Richard C.: *See*—
Roman, Walter G., and Cunningham.
Cunningham, Robert E., assignee: *See*—
Sammons, John D.
Cunningham, Russell E., Washington, D. C., assignor to Melpar, Inc., Alexandria, Va. Casting method. 2,548,353, Apr. 10.
Cunningham, Wesley W., deceased, Aulsa, Okla.; M. L. Cunningham administratrix of said W. W. Cunningham. Infant's toilet seat. 2,568,322, Sept. 18.
Cuno Engineering Corporation, The, assignee: *See*—
Anderson, Louis E.
Cuny, André, Courbevoie, France. Generating set. 2,567,636, Sept. 11.
Cuny, Bernard E. A. M., Paris, France. Optical instrument for testing plane surfaces and rectilinear lines. 2,549,669, Apr. 17.
Cuozzi, Connie, New York, N. Y., assignor, by mesne assignments, to I. N. Epstein. Bust support or brassière. 2,578,175, Dec. 11.
Cupery, Martin E., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Polymeric polyamine salt compositions. 2,579,033, Dec. 18.
Cupler, John A., II, Cumberland, Md. Receptacle. 2,573,311, Oct. 30.
Cuppett, Charles H., Butler, N. J., and John Taylor, Bronxville, N. Y. Lawn sprinkler. 2,564,639, Aug. 14.
Cupps, Clyde, Newton Falls, Ohio, assignor to Standard Steel Spring Company, Coraopolis, Pa. Electroplating and electropolishing apparatus. 2,546,920, Mar. 27.
Curado, Joseph G.: *See*—
Buchdahl, Rolf, and Curado.
Curado, Joseph G., Bergen County, N. J., assignor to Sun Chemical Corporation, New York, N. Y. Printing ink. 2,537,513, Jan. 9.
Curado, Joseph G., Bergen County, N. J., assignor to Sun Chemical Corporation, New York, N. Y. Printing ink containing alkyd resin and a mixed hydrocarbon solvent. 2,541,505, Feb. 13.
Curd, Francis H. S., deceased, Bramhall, by M. R. Curd, executrix, Bramhall, and D. N. Richardson, Manchester, England, assignors to Imperial Chemical Industries Limited. Manufacture of biguanide derivatives. 2,544,827, Mar. 13.
Curd, Francis H. S., and F. L. Rose, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited. N^1-aryl N^5-dialkyl biguanides. 2,548,654, Apr. 10.
Curd, Muriel R., executrix: *See*—
Curd, Francis H. S., and Richardson.
Curgan, Mark N.: *See*—
Klein, David X., and Curgan.
Curioni, Aldo R., New York, N. Y. Photographic camera having cutoff means and removable film receptacle. 2,545,196, Mar. 13.
Curioni, Aldo R., assignor to Sarioni Company, Inc., New York, N. Y. Dispensing machine. 2,576,781, Nov. 27.
Curl, Arthur N.: *See*—
Hill, Thomas G., and Curl.
Curle, George L., assignor of one-third to L. G. Olander and one-third to L. W. Morris, Minneapolis, Minn. Galley for handling matrices. 2,569,230, Sept. 25.
Curlee, Harvey P., Raleigh, N. C., assignor to Curlee Machinery Company, Inc. Article stacker. 2,571,840, Oct. 16.
Curlee Machinery Company, Inc., assignee: *See*—
Curlee, Harvey P.
Curlett, Inc., assignee: *See*—
Stewart, Robert G.
Curley, Clarke C., Lorain, Ohio. Threshold plate assembly. 2,575,657, Nov. 20.
Curley, Clarke C., Lorain, Ohio. Operating mechanism for a window and casing assembly. 2,545,449, Mar. 20.
Curley, Morton B., Worthington, Ohio, assignor to The Jeffrey Manufacturing Company. Adjustable cowling for fans or the like. 2,544,490, Mar. 6.
Curnutte, James V., San Antonio, Tex. Precast concrete catch basin with street curb inlet. 2,537,654, Jan. 9.
Curran, Elmer, Berwyn, Ill. Bowling time device. 2,550,915, May 1.
Curran, Frank M., J. D. Quist, deceased, and H. C. Geen, Grand Rapids, Mich.; H. Quist, administratrix of said J. D. Quist, assignor to said Curran and said Geen. Applying edge veneers to the edges of panels. 2,565,952, Aug. 28.
Curran, Fred J.: *See*—
Wild, Rudolf F., and Curran.
Curran, Fred J., Philadelphia, assignor to Fischer & Porter Company, Hatboro, Pa. Mechanical compensator for remote indicating impedance circuits. 2,551,585, May 8.
Curran, Sophie M., Hollywood, assignor, by mesne assignments, of one-half to A. H. Dryer, Los Angeles, Calif. Brassière. 2,574,962, Nov. 13.
Currie, Chester C., assignor to Dow Corning Corporation, Midland, Mich. Polysiloxane grease and preparation. 2,551,931, May 8.
Currie, Elmer J., Houlton, Maine. Weather strip. 2,552,369, May 8.
Currie, Frank L., Plainfield, N. J., and W. B. Blanton, Rockville Centre, assignors to The Western Union Telegraph Company, New York, N. Y. Telegraph switching system. 2,546,630, Mar. 27.
Currie, Frank L.: *See*—
Blanton, William B., Currie, and Janson.
Currie, Grover C., assignor to Dacam Corporation Charlotte, N. C. Carton for cylindrical objects. 2,559,948, July 10.
Currie, Grover C., Charlotte, and W. A. Becker, High Point, assignors to Dacam Corporation, Charlotte, N. C. Bottle carton. 2,556,069, June 5.
Currie, Robert D.: *See*—
Gallagher, Robert T., Brennecke, and Currie.
Currie, William L., Muskegon, Mich., assignor to Borg-Warner Corporation, Chicago, Ill. Liquid cooler. 2,555,958, June 5.
Currier, Loren C., Tulsa, Okla. Wheel balancer. 2,567,597, Sept. 11.
Curry, Avery R., Louisville, Ky. Clasp for paint buckets, etc. 2,561,845, July 24.
Curry, Avery R., Louisville, Ky. Window. 2,561,846, July 24.
Curry, Earle P., Brockton, Mass. Rotary disk tiller. 2,547,444, Apr. 3.
Curry, Harold E., Seattle, Wash. Applicator. 2,546,214, Mar. 27.
Curry, Herman H., Inverness, Fla. Combination control system. 2,568,720, Sept. 25.
Curry, Herman H., United States Coast Guard. Electrical selective control apparatus. 2,562,176, July 31.
Curry, Herman H., United States Coast Guard. Engine room telegraph. 2,579,476, Dec. 25.
Curry, John G., Minneapolis, assignor of one-third to R. W. Curry, St. Paul, and one-third to J. J. Weichselbaum, Lakeville, Minn. Cleansing tissue compact. 2,549,433, Apr. 17.
Curry, John J., Philadelphia, Pa. Mixing apparatus. 2,541,043, Feb. 13.
Curry, Robert S., Jr., Baldwin, N. Y., assignor to The Sperry Corporation. Control system for aircraft control surface and tab. 2,568,719, Sept. 25.
Curry, Robert W., assignee: *See*—
Curry, John G.
Curry, Russell D., Downingtown, Pa. Yarn carrier for knitting machines. 2,555,920, June 5.
Curry, Samuel D.: *See*—
McBride, Miles M. and L. L., and Curry.
Curry, William J.: *See*—
Harden, Gail D., and Curry.
Curtenius, Frederick B., Kalamazoo, Mich. Pedal assembly for brake levers. 2,562,700, July 31.
Curtis, Arthur J., assignor of one-half to D. G. Robanske, Walla Walla, Wash. Semiautomatic electric nailer. 2,572,012, Oct. 23.
Curtis, Austen M., deceased, South Orange, N. J., by L. S. Curtis, executrix, South Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electric switch contact protection. 2,546,818, Mar. 27.
Curtis, Austen M., deceased, South Orange, N. J., by L. S. Curtis, executrix, South Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Nonlinear reactance circuits utilizing high dielectric constant ceramics. 2,555,959, June 5.
Curtis, Austen M., deceased, South Orange, by L. S. Curtis, executrix, Morristown, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Contact protection. 2,572,598, Oct. 23.
Curtis Automotive Devices, Inc., assignee: *See*—
Curtis, Russell R.
Gates, Richard L.
Curtis, Cecil C., Washington, D. C. Foot treatment implement. 2,537,037, Jan. 9.
Curtis, Cecil C., Washington, D. C. Applicator for heat manipulation of the eyes. 2,545,724, Mar. 20.
Curtis, Cecil C., Washington, D. C. Adjustable folding leg support for inspection or surgical tables. 2,552,370, May 8.
Curtis, Clarence R., Lombard, assignor to F. H. Smith Manufacturing Company, Chicago, Ill. Adjustable nozzle. 2,560,278, July 10.
Curtis, Clarence R., Lombard, assignor to F. H. Smith Manufacturing Co., Chicago, Ill. Adjustable nozzle. 2,560,279, July 10.

Curtis Companies Incorporated, assignee: *See*—
Beil, Forrest F.
Curtis, George W., Wauwatosa, Wis. End face oil and dirt seal. 2,560,557, July 17.
Curtis, Grover C., Bryan, Tex. Gathering head valve for cotton harvesters. 2,551,827, May 8.
Curtis, John A., Fort Wayne, Ind., assignor by mesne assignments, to Farnsworth Research Corporation. Portable transmitter-receiver apparatus. 2,541,042, Feb. 13.
Curtis, John C.: *See*—
Osgood, Charles F., and Curtis.
Curtis, John C., Claremont, N. H., assignor to Joy Manufacturing Company. Releasable lock for guide bushings. 2,536,424, Jan. 2.
Curtis, John C., Claremont, N. H., assignor to Joy Manufacturing Company. Supporting column. 2,550,674, May 1.
Curtis, John C., Claremont, N. H., assignor to Joy Manufacturing Company. Rock drill. 2,559,282, July 3.
Curtis, John C., Claremont, N. H., assignor to Joy Manufacturing Company. Rock drill. 2,572,840, Oct. 30.
Curtis, Lavalette S., executrix: *See*—
Curtis, Austen M.
Curtis, Leslie F., Haydenville, Mass., assignor to Hazeltine Research, Inc., Chicago, Ill. Magnetostrictive converter time delay device. 2,549,578, Apr. 17.
Curtis, Lloyd N., Chicago, Ill. Column printing attachment for record controlled machines. 2,550,786, May 1.
Curtis Manufacturing Company, assignee: *See*—
Hecker, Harvard K.
Curtis, Myron S., assignor to The Warner & Swasey Company, Cleveland, Ohio. Machine tool. 2,560,686, July 17.
Curtis, Myron S., and H. Schoepe, assignors to The Warner & Swasey Company, Cleveland, Ohio. Machine tool. 2,542,399, Feb. 20.
Curtis, Myron S., and H. Schoepe, assignors to The Warner & Swasey Company, Cleveland, Ohio. Machine tool. 2,579,368, Dec. 18.
Curtis, Norman: *See*—
Ransburg, Harold P., Miller, and Curtis.
Curtis, Philip C.: *See*—
Alschuler, Rose H., and Curtis.
Curtis, Raymond M., J. H. Brewer, and A. E. Stickels, assignors to Hynson, Westcott & Dunning, Incorporated, Baltimore, Md. Bandage. 2,579,367, Dec. 18.
Curtis, Richard C., Short Hills, N. J., assignor to Faximile, Inc., New York, N. Y. Facsimile system for simultaneous transmission of plurality of elemental areas. 2,579,475, Dec. 25.
Curtis, Roger C.: *See*—
Roberts, Frederick W., and Curtis.
Curtis, Roger C., New Haven, and L. D. Norton, Fairfield, assignors to Dictaphone Corporation, Bridgeport, Conn. Inductive pickup device. 2,578,924, Dec. 18.
Curtis, Rowland G., assignor to The Reeves Steel and Manufacturing Company, Dover, Ohio. Cover for pails. 2,567,322, Sept. 11.
Curtis, Russell R., assignor to Curtis Automotive Devices, Inc., Dayton, Ohio. Faucet. 2,572,990, Oct. 30.
Curtis, Russell R., and E. J. Kimm, Dayton, Ohio, assignors, by mesne assignments, to Thompson Products, Inc., Cleveland, Ohio. Pump. 2,540,714, Feb. 6.
Curtis, Thomas E., Berkeley, Calif. Derivative-computing servo mechanism control for prime mover dynamo plants. 2,577,003, Dec. 4.
Curtis, Wallace B., Mill Valley, assignor to Ben C. Gerwick, Inc., San Francisco, Calif. Tremie pipe and method. 2,562,416, July 31.
Curtis, Wilfred A., North Woodstock, N. H. Game scoring device. 2,550,675, May 1.
Curtis, Willard S., assignor to Intertype Corporation, Brooklyn, N. Y. Photographic type composing machine. 2,552,880, May 15.
Curtiss, Austin E.: *See*—
Eaglesfield, Robert D., Curtiss, and Meggenhofen.
Curtiss Candy Company, The, assignee: *See*—
Foley, Thomas J., and Emmert.
Spohr, Carl W.
Curtiss, Elmer E., Beaman, Mo. Automatic parking brake for automobiles. 2,537,514, Jan. 9.
Curtiss, Frank R., New Haven, Conn. Fishing float. 2,564,426, Aug. 14.
Curtiss, George E., Jr., Penn Wynne, assignor to Philco Corporation, Philadelphia, Pa. Refrigerator door latch. 2,546,333, Mar. 27.
Curtiss, Leon F.: *See*—
Davis, Francis J., and Curtiss.
Curtiss-Wright Corporation, assignee: *See*—
Boyce, Edward D.
Chillson, Charles W.
Chillson, Charles W., and Mergen.
Clark, Gerardus B.
Cushman, Maurice E.
Davis, Glenn B.
Dean, George A.
Dodds, William R.
Drumm, Henry H.
Dusinberre, David W., and Brychta.
Eaton, Bruce G., and Clark.
Egly, John M.
Curtiss-Wright Corporation, assignee: *See*—Continued.
Enos, Louis H.
Erny, Frank.
Goodlett, Edward R., and Wishart.
Griese, Elmer G.
Hahn, Stuart H.
Heberding, Harold E.
Hotz, Harry E., and Gelbard.
Mergen, Joseph M., and Tiedeman.
Meyer, Edward J.
Misulis, Edward V.
Nix, John P.
Palmatier, Everett P.
Palmatier, Everett P., and Bates.
Peltier, Louis B., Jr.
Quinn, Paul J.
Roberts, Edward Y.
Rose, Howard E.
Santucci, Lawrence F., and Showalter.
Scarborough, William M.
Sivitz, Aaron, and Ruby.
Smith, Alvin C.
Sourwine, William A.
Statham, Louis D.
Statham, Louis D., and Baker.
Taylor, Paul H., and Karnuth.
Tulley, Fredrick T.
Tydon, Walter.
Wendt, Harold O.
White, Roland J.
Willis, Addison O.
Wing Shee, George L., and Weinberg.
Ziegler, Paul E.
Curto, José M., Barcelona, Spain. Valved dispensing head with auxiliary nozzle valve. 2,574,534, Nov. 13.
Cushing, Philip S., assignee: *See*—
Gould, Charles T.
Cushing, Russell E., and R. L. Swenson, Wyandotte, Mich., assignors to The Pennsylvania Salt Manufacturing Company, Philadelphia, Pa. Control device. 2,569,456, Oct. 2.
Cushman Chuck Company, The, assignee: *See*—
Sloan, Harry E.
Sloan, Harry E., Harry E., Jr., and Swanson.
Sloan, Harry E., and Highberg.
Cushman, Clifford E., Burbank, Calif., assignor to Sturgess, Inc. Position-adjusting mechanism. 2,579,305, Dec. 18.
Cushman, George A., assignor of one-half to H. R. Olson, Minneapolis, Minn. Replaceable beet elevating spike for beet harvesters. 2,550,976, May 1.
Cushman, Maurice E., Verona, N. J., assignor to Curtiss-Wright Corporation. Hydraulic control valve. 2,556,719, June 12.
Cushman, Maurice E., Verona, N. J., assignor to Curtiss-Wright Corporation. Roller track mounting of a variable pitch propeller. 2,566,696, Sept. 4.
Cushman Motor Works, Inc., assignee: *See*—
Ammon, Charles D.
Cushman, Myrtle S., assignor of one-half to R. A. Cushman, Cincinnati, Ohio. Bottle cap lifter. 2,562,842, July 31.
Cushman, Ralph A., assignee: *See*—
Cushman, Myrtle S.
Cushman, Walton W., Webb City, Mo. Sprayer. 2,540,102, Feb. 6.
Cushman, Walton W., Web City, Mo. Pallet. 2,544,657, Mar. 13.
Cushman, Walton W., Webb City, Mo. Chuck jaw gauge. 2,572,013, Oct. 23.
Cushman, Walton W., Webb City, Mo. Chronoscope. 2,574,467, Nov. 13.
Cushman, Walton W., Webb City, Mo. Apparatus for pumping and sterilizing liquids. 2,578,673, Dec. 18.
Cusic, John W., Skokie, assignor to G. D. Searle & Co., Chicago, Ill. Basic 9,10-dihydro-9-anthryl carbinols and salts thereof. 2,541,342, Feb. 13.
Cusic, John W., assignor to G. D. Searle & Co., Skokie, Ill. Diaralkyl carbinyl esters of dialkylamino alkanoates and the production thereof. 2,543,764, Mar. 6.
Cusic, John W., assignor to G. D. Searle & Co., Skokie, Ill. 9-aminoalkyl 9-alkanoyl 9, 10 dihydroanthracenes. 2,551,316, May 1.
Cusic, John W., Skokie, assignor to G. D. Searle & Co., Chicago, Ill. N-dicyclohexyl, dialkylamino-alkanamides. 2,576,106, Nov. 27.
Cusic, John W., assignor to G. D. Searle & Co., Skokie, Ill. Production of aminoalkyl ethers of diaryl carbinols. 2,577,234, Dec. 4.
Cusic, John W., Skokie, and R. A. Robinson, Morton Grove, assignors to G. D. Searle & Co., Skokie, Ill. Fluorenyl and benzohydryl esters and producing them. Re. 23,398, Aug. 14.
Cusic, John W., Skokie, and C. A. Dornfeld, assignors to G. D. Searle & Co., Chicago, Ill. Tertiary-aminoalkyltetrahydrocarbazoles. 2,541,211, Feb. 13.
Custer, Alfred E.: *See*—
Floyd, Frederick K., and Custer.
Custer, Warren A., Newton, Pa. Lighting means and systems for airplane landing runways. 2,572,451, Oct. 23.

Custin, Thomas G., Syracuse, N. Y., assignor to General Electric Company. Linear sweep wave generator. 2,554,172, May 22.

Custom Upholstering and Carpet Company, Inc., assignee: *See*—
Eldridge, Lee M.

Customaire Engineering Company, assignee: *See*—
Smith, Rulo W.

Cusumano, Rudolph, San Gabriel, Calif., assignor to Lorentzen Hardware Mf'g. Corp., New York, N. Y. Venetian blind mechanism. 2,546,886, Mar. 27.

Cutcher, Haskell W.: *See*—
Mertz, Clyde W., and Cutcher and McBride.

Cuthbert, Alexander F., Lynn, Mass. Sealing gasket. 2,578,339, Dec. 11.

Cuthbertson, George R., and R. R. Miller, Detroit, Mich., assignors to United States Rubber Company, New York, N. Y. Building pneumatic tires. 2,541,506, Feb. 13.

Cuthbertson, Leonard J., Girard, Kans. Motor mount. 2,544,778, Mar. 13.

Cuthill, Annandale, assignee: *See*—
McBroom, James C.

Cutler, Cassius C., Oakhurst, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Directive dielectric guide antenna. 2,548,655, Apr. 10.

Cutler, Cassius C., Oakhurst, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Wave guide switching arrangement. 2,563,990, Aug. 14.

Cutler, H. H., Company, assignee: *See*—
Cutler, Henry H.

Cutler-Hammer, Inc., assignee: *See*—
Charbonneau, Allan P., and Russell.
Cox, Irvin W.
Cox, Irvin W., and Drugmand.
Cox, Irvin W., Drugmand, and Mekelburg.
Cox, Irvin W., and Welch.
Elliott, William H.
Fath, Douglas W.
Hodgson, Howard E.
Hodgson, Howard E., and Ranson.
Ingels, Raymond C.
Jones, Jesse E., and Reeves.
Krieger, Alvin W.
Lexa, George J.
McNicol, Forrest C.
Meuer, George J.
Reeves, James B.
Richardson, Linwood T., and Swinehart.
Robbins, Clyde F.
Russell, Frank J.
Welch, Jerome B.
West, Richard A.

Cutler, Henry H., Lakeside, assignor to H. H. Cutler Company, Grand Rapids, Mich. Ventilated infant's garment. 2,544,069, Mar. 6.

Cutler, Richard E., Luck, Wis. Trigger attachment for firearms. 2,559,010, July 3.

Cutler, Royal A.: *See*—
Surrey, Alexander R., and Cutler.

Cutler, Wallace M., Gloucester, H. B. Greenough, Beverly, and E. S. Kant, Melrose, Mass., assignors to United Shoe Machinery Corporation, Flemington, N. J. Variable displacement drive. 2,561,344, July 24.

Cutrera, Dominick, San Francisco, Calif. Preparing boned turkey. 2,571,544, Oct. 16.

Cutri, Rocco J., United States Navy, Milton, Mass. Rescuing device. 2,557,079, June 19.

Cutshall, Charles E., Jr.: *See*—
Johnston, Robert C., and Cutshall.

Cuttat, Georges E., Geneva, Switzerland, assignor to Manufacture de Machines du Haut-Rhin, Haut-Rhin, France. Coupling device for two colinear shafts. 2,577,311, Dec. 4.

Cutter Corporation, assignee: *See*—
Butler, William F.
Mansfield, Warren M.
Shaeffer, Norbert.

Cutter, Fred A.: *See*—
Butler, William F., and Cutter.
Ward, Walter E., and Cutter.

Cutter Laboratories, assignee: *See*—
Butler, William F., and Cutter.
Emery, Byron, and Elder.
Seeberg, Victor P.
Ward, Walter E., and Cutter.

Cutter, Paul R., Matawan, N. J., assignor to Consolidated Vultee Aircraft Corporation, San Diego, Calif. Coloring of magnesium and alloys thereof. 2,538,831, Jan. 23.

Cutting Room Appliances Corporation, assignee: *See*—
Gilbert, Herman W.

Cuttino, William H.: *See*—
Marbury, Ralph E., and Cuttino.

Cuvillier, Roger H. R., assignor to Société d'Optique & de Mecanique de Haute Precision, Paris, France. Auxiliary optical device with variable magnifying power. 2,566,485, Sept. 4.

Cuyahoga Spring Company, The, assignee: *See*—
Krach, Anthony E.
Van Uum, John H., Emming, and Lohr.

Cybulski, Stephen F., and W. C. Christie, Waterbury, Conn. Apparatus for producing a grooved article. 2,551,728, May 8.

Cyclone Seeder Co., Inc., The, assignee: *See*—
Speicher, Harold S.

Cyclotherm Corporation, assignee: *See*—
Saha, Aatto P.

Cypher, Frank T., Butler, Pa. Violin bow. 2,552,408, May 8.

Cypher Lock Company Limited, assignee: *See*—
Young, Eric M.

Cyphers, Elmer B.: *See*—
Weisel, Charles A., and Cyphers.

Cyphers, Elmer B., Cranford, N. J., assignor to Standard Oil Development Company. Extreme pressure lubricant. 2,540,570, Feb. 6.

Cyphers, Elmer B., Cranford, N. J., assignor to Standard Oil Development Company. Extreme pressure lubricants. 2,550,406, Apr. 24.

Cyphers, Elmer B., Cranford, and J. H. Bartlett, Westfield, N. J., assignors to Standard Oil Development Company. Lubricant additive. 2,562,776, July 31.

Cyphers, Elmer B., Clark Township, Union County, and G. M. McNulty, Union, N. J., assignors to Standard Oil Development Company. Extreme pressure lubricating compositions. 2,580,005, Dec. 25.

Cyphers, Worth A., Morrow County, Ohio. Inflator. 2,541,988, Feb. 20.

Cyphert, Allan S., Saltsburg, Pa. Heated seat for sportsmen. 2,567,323, Sept. 11.

Cyphert, Elmer E., Norwalk, Ohio. Fire extinguisher. 2,544,137, Mar. 6.

Cyr, Cyrille A., Detroit, Mich. Fog filter for headlights. 2,544,378, Mar. 6.

Czarnecki, Casimer M.: *See*—
Czarnecki, Walter V., Jr., and C. M.

Czarnecki, Stefan, assignee: *See*—
Brzozowski, Witold.

Czarnecki, Walter V., Jr., Cornwells Heights, and C. M. Czarnecki, Philadelphia, assignors to Eddington Metal Specialty Company, Eddington, Pa. Fuel oil filter. 2,554,016, May 22.

Czechoslovak Metal and Engineering Works, National Corporation, assignee: *See*—
Votruba, Karel.
Wünsch, Josef.
Zajíc, Vladislav.

Czepek, Rudolf, assignor to Aktiebolaget Kanthal, Hallstahammar, Sweden. Heating element. 2,556,679, June 12.

D. K. M. Company, assignee: *See*—
Darling, Frank L.

D. Swarovski Glasfabrik und Tyrolit Schleifmittel-Werke, assignee: *See*—
Hofreiter, Alois.
Pfeiffer, Franz.

Da Costa Gomes, João C. A. R., Lisbon, Portugal. Setting the weight of scales. 2,551,422, May 1.

Daane, Adrian H.: *See*—
Carter, James H., and Daane.

Daane, Adrian H., Ames, Iowa, and W. K. Noyce, Fayetteville, Ark., assignors to the United States of America as represented by the United States Atomic Energy Commission. Uranium-cobalt alloy. 2,574,626, Nov. 13.

Daane, Adrian H., Ames, Iowa, and W. K. Noyce, Fayetteville, Ark., assignors to the United States of America as represented by the United States Atomic Energy Commission. Uranium-cobalt alloy. 2,574,627, Nov. 13.

Dabkowski, Joseph C., New Britain, Conn. Radio time switch. 2,541,690, Feb. 13.

Dabrowski, Sophie, assignee: *See*—
Fritz, William S.

Dacam Corporation, assignee: *See*—
Currie, Grover C.
Currie, Grover C., and Becker.

Daché, Lilly, New York, N. Y. Brassière device. 2,553,241, May 15.

Dack, Rudolph, Congress Park, Ill. Holder assembly for reflector type floor lamps. 2,564,754, Aug. 21.

Dackor, Emil, and E. F. Nelboeck, Cleveland, Ohio, and O. Thiel, Detroit, Mich., assignors to Thompson Products, Inc., Cleveland, Ohio. Polishing machine for turbine blades. 2,543,236, Feb. 27.

Daco Metal Products, assignee: *See*—
Marvin, Stanley, and Orth.

Dacre Chucks Limited, assignee: *See*—
Vidal, Charles H.

Daderko, John: *See*—
Daderko, Michael, Sr., Lisella, and Daderko.

Daderko, Michael, Sr., and R. A. Lisella, Summit Hill, and J. Daderko, Coaldale, Pa. Screw having a slotted head and a driving tool therefor. 2,566,055, Aug. 28.

Dady, Arthur O., Flossmoor, assignor to Sears, Roebuck and Co., Chicago, Ill. Barometric draft control. 2,539,815, Jan. 30.

Dafter, Edwin H., Jr.: *See*—
Simons, William G., and Dafter.

Dafter, Edwin H., Jr., Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Gelled dispersions of copolymer resins. 2,562,140, July 24.

Dager, Albert, assignor of one-half to Elias Shaheen, Los Angeles, Calif. Manifolding machine. 2,536,356, Jan. 2.

Dager, Albert, Los Angeles, Calif. Sheet collator. 2,578,176, Dec. 11.

Daggett, Clyde C.: *See*—
Peeps, Donald J., Schmitt, and Daggett.

Daggett, George W., Meadville, Pa. Disk type lawn mower. 2,557,598, June 19.
Dague, Harold F., South Gate, assignor to Asphalt Specialties Co., North Long Beach, Calif. Pumpable powdered asphalt suspension. 2,579,652, Dec. 25.
Dague, William G., Claysville, Pa. Animal trap. 2,571,841, Oct. 16.
Dahl, Arthur L., Vancouver, British Columbia, Canada. Belt loosening and tightening device. 2,570,527, Oct. 9.
Dahl, Carl P.: *See*—
Hartley, Emmett C., and Dahl.
Dahl, Carl P., Euclid, assignor to The Parker Appliance Company, Cleveland, Ohio. Filling and draining attachment for tanks. 2,574,022, Nov. 6.
Dahlbäck, Gustaf: *See*—
Hammar, Victor, and Dahlbäck.
Dahlberg, Ernst E.: *See*—
Bergvall, Knut L., and Dahlberg.
Dahle, Albert B., Madison, Wis. Wire coil container. 2,554,615, May 29.
Dahlem, J. Gordon: *See*—
Hinds, Sherwood, and Dahlem.
Dahlem, J. Gordon, assignor to The Wayne Pump Company, Fort Wayne, Ind. Airport fueling apparatus. 2,544,917, Mar. 13.
Dahlgren, Fredrik, Djursholm, assignor to Allmänna Svenska Elektriska Aktiebolaget, Vasteras, Sweden. Saturable reactor impedance relay. 2,573,249, Oct. 30.
Dahlhouser, Charlie H., Hastings, assignor of fifty per cent to John B. Davidson Woolen Mills, Inc., Eaton Rapids, Mich. Combination hose and slipper-sole assembly. 2,550,334, Apr. 24.
Dahline, Lawrence J., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Flame detecting apparatus. 2,564,596, Aug. 14.
Dahline, Lawrence J., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Flame detection apparatus. 2,564,597, Aug. 14.
Dahline, Lawrence J., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Electronic circuit. 2,567,876, Sept. 11.
Dahlstrand, Josef Y. and J. Y., Jr., Indianapolis, Ind. Power transmission unit. 2,568,275, Sept. 18.
Dahlstrand, Josef Y., Jr.: *See*—
Dahlstrand, Josef Y. and J. Y., Jr.
Dahlstrom, John A., Bay Village, assignor to Perfection Stove Company, Cleveland, Ohio. Furnace construction involving removable combustion chamber housing. 2,561,100, July 17.
Dahlstrom, Paul F., La Grande, Oreg. Ironing board. 2,560,849, July 17.
Dahme, Allen H.: *See*—
Vanderveld, Anthony, and Dahme.
Dahms, Francis A., Manchester, Conn., assignor to Emhart Manufacturing Company. Apparatus for delivering newly molded glassware. 2,556,469, June 12.
Dailey, Carl S., assignor to Cascade Sprayer Company, Seattle, Wash. Dilution of liquid concentrates. 2,571,424, Oct. 16.
Dailey, Edward C., West Newton, Pa. Shaft holder. 2,568,952, Sept. 25.
Dailey, Francis N., Rockville, Conn., assignor to Emhart Manufacturing Company. Mechanism for applying luting to glass feeder orifice rings. 2,550,335, Apr. 24.
Dailey, Harvey H.: *See*—
Shriver, Everett C., and Dailey.
Dailey, Manvel C., Elmhurst, and E. W. Duffy, assignors to United States Gypsum Company, Chicago, Ill. Self-setting plastic material consisting essentially of alpha-gypsum and an aminotriazine resin. 2,571,343, Oct. 16.
Daily, David L., Birmingham, Ala. Christmas tree stand. 2,543,896, Mar. 6.
Daily, James M., Portland, Oreg. Ozone generator. 2,561,014, July 17.
Daily, John L., Johnstown, Pa. Mixing box. 2,554,616, May 29.
Dain, William D., Bellevue, Mich. Cutting and splicing apparatus. 2,575,798, Nov. 20.
Daisy Manufacturing Company, assignee: *See*—
Hough, Cass S., Wesley, Scalingi, and Gaeke.
Wells, William S.
Daisy Products, Inc., The, assignee: *See*—
Plass, Rovert H.
Daka, Inc., assignee: *See*—
Kammins, Herman D.
Dakin, Leonard F., Pleasantville, N. Y. Supporting means for ladders and scaffolds. 2,541,343, Feb. 13.
Dakin, Thomas W.: *See*—
Clardy, Le Roy, and Dakin.
Daland, Elliot, Wallingford, assignor, by mesne assignments, to Piasecki Helicopter Corporation, Morton, Pa. Tandem rotor helicopter control. 2,555,577, June 5.
Dalby, Gaston: *See*—
Hoffman, Charles, Schweitzer, Anwar, and Dalby.
Dale, Alan E.: *See*—
Stanworth, John E., and Dale.
Dale, Allan L., Salt Lake City, Utah. Boiler tube gauge. 2,563,216, Aug. 7.
Dale, Colin B., Oak Park, assignor to Webster-Chicago Corporation, Chicago, Ill. Wire recorder spool. 2,536,126, Jan. 2.
Dale, Colin B., Oak Park, assignor to Webster-Chicago Corporation, Chicago, Ill. Wire recorder. 2,537,260, Jan. 9.
Dale, Colin B., Oak Park, assignor to Webster-Chicago Corporation, Chicago, Ill. Phonograph record changer. 2,577,648, Dec. 4.
Dale, Colin B., Oak Park, assignor to Webster-Chicago Corporation, Chicago, Ill. Speed adjustment for phonograph turntables. 2,577,649, Dec. 4.
Dale, Colin B., Oak Park, assignor to Webster-Chicago Corporation, Chicago, Ill. Phonograph. 2,579,175, Dec. 18.
Dale, Homer D., Santa Rosa, Calif. Walnut cracker. 2,571,214, Oct. 16.
Dale, Joseph S., Rockford, Ill. Governor mechanism. 2,571,842, Oct. 16.
Dale, Orie O., Bakersfield, and J. D. Chesnut, San Marino, assignors to International Cementers, Inc., Long Beach, Calif. Bridging plug for wells and the like. 2,569,457, Oct. 2.
Dale, Wallace S., Minneapolis, Minn. Antispill device for liquid containers. 2,571,843, Oct. 16.
Dales, George F., assignor of forty-nine per cent to A. R. Wells, Akron, Ohio. Electric control switch. 2,568,323, Sept. 18.
D'Alesio, Emilio, Upper Darby, assignor to H. Freeman & Son, Inc., Philadelphia, Pa. Coat pocket flap. 2,544,750, Mar. 13.
Daley, Paul L., and S. N. Lutz, Elwood City, Pa., assignors to National Tube Company. Making hot mill tools. 2,576,782, Nov. 27.
Daley, Robert E., Willoughby, assignor to The Ferro Engineering Company, Cleveland, Ohio. Sectional tapered bottom ring for hot tops. 2,572,452, Oct. 23.
D'Alfonso, Alexander C., Santa Barbara, Calif. Suspension unit for overhead swinging doors. 2,546,060, Mar. 20.
Dalglish, John, assignee: *See*—
Laurie, Kenneth S.
Dalin, David, Sodertalje, Sweden. Combined waste-heat boiler and chemical recovery unit. 2,550,676, May 1.
Dalin, David, Stenkullen Ronninge, T. J. Hedbäck, Sodertalje, C. J. Gejrot, and A. W. Johansson, Orebro, Sweden. Method of and apparatus for dry distillation. 2,550,677, May 1.
Dalin, David, Stenkullen, Ronninge, and H. J. U. Wängsjö, Lidingo, assignors to A/B Svenska Maskinverken, Sodertalje, Sweden. Making an extended surface heat exchange device or similar composite article. 2,566,318, Sept. 4.
Dalin, David, Ronninge, and C. J. Gejrot, Orebro, Sweden; said Gejrot assignor to said Dalin. Apparatus for sequentially degassing and combusting solid fuel having a low sintering temperature. 2,567,058, Sept. 4.
Da-Lite Screen Co., Inc., assignee: *See*—
Du Mais, Leo J., and Heck.
Dall, Albert H.: *See*—
Ernst, Hans, and Dall.
Dall, Albert H., assignor to The Cincinnati Milling Machine Co., Cincinnati, Ohio. Bearing construction. 2,538,746, Jan. 23.
Dallas, John E., and Sons Limited, assignee: *See*—
Percy, Charles W.
Dalle, Olivier H. M. J., Ecully, assignor to Societe a responsabilite limitee: "Societe des Mecaniques Verdol," Lyon, France. Machine for the preparation of cards for jacquards. 2,552,942, May 15.
Dällenbach, Walter, Zurich, Switzerland. Pocket lighter. 2,558,607, June 26.
Dällenbach, Walter, Zurich, Switzerland. Cavity resonator apparatus for generating high electric potentials. 2,563,585, Aug. 7.
Dalmas, Amedeus, Oakland, Calif. Improving the tone quality and resonance of string instruments. 2,547,919, Apr. 10.
Dalrymple, Wayne W., Wichita, Kans., assignor to Albert I. Kegan, Chicago, Ill. Control reel. 2,536,875, Jan. 2.
Dalrymple, William P., Rochester, assignor to American Brake Shoe Company, New York, N. Y. Triangular shaping jet for spray guns. 2,537,038, Jan. 9.
Dalrymple, William P., Rochester, N. Y., assignor to American Brake Shoe Company, Wilmington, Del. Air compressor. 2,539,896, Jan. 30.
Dalrymple, William P., Rochester, N. Y., assignor to American Brake Shoe Company, Wilmington, Del. Lubricating system. 2,540,103, Feb. 6.
Dalrymple, William P., Rochester, N. Y., assignor to American Brake Shoe Company, Wilmington, Del. Lubricating system. 2,546,887, Mar. 27.
Dalrymple, William P., Rochester, N. Y., assignor to American Brake Shoe Company, Wilmington, Del. Spray gun. 2,553,848, May 22.
Dalrymple, William P., Rochester, N. Y., assignor to American Brake Shoe Company, Wilmington, Del. Spray gun. 2,559,407, July 3.
Dalrymple, William P., Rochester, assignor to American Brake Shoe Company, New York, N. Y. Valve mechanism. 2,576,578, Nov. 27.
Dalrymple, William P., Rochester, assignor to American Brake Shoe Company, New York, N. Y. Spray gun. 2,578,402, Dec. 11.
Dalton, Bernard J., Scotia, N. Y., assignor to General Electric Company. Regenerative braking control system. 2,559,346, July 3.

Dalton, Clarence E., assignor to Dalton Manufacturing Company, Clayton, Mo. Trestle leg and hinge bracket. 2,545,767, Mar. 20.
Dalton, Harold R., Jenkintown, Pa., assignor to Timefax Corporation, New York, N. Y. Electroresponsive recording blank. 2,554,017, May 22.
Dalton, Harold R., Teaneck, N. J., and A. G. Cooley, assignors, by mesne assignments, to The Western Union Telegraph Company, New York, N. Y. Facsimile recording paper. 2,555,321, June 5.
Dalton, Herman L., assignor of one-half to E. W. Tubbs, Chattanooga, Tenn. Trunnion support for attachments. 2,574,250, Nov. 6.
Dalton, James E., Burkeville, Va. Loading dump body. 2,550,230, Apr. 24.
Dalton, John F., Springfield, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Polarized operator for telephone receivers. 2,567,365, Sept. 11.
Dalton, John F., Springfield, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Head telephone set supports. 2,576,447, Nov. 27.
Dalton, John J., Lakewood, N. Y. Releasable lock for electric plugs. 2,569,037, Sept. 25.
Dalton, John N., and W. B. Kaupin, assignors to Pacific Mills, Lawrence, Mass. Resin treatment of wool fabric. 2,545,450, Mar. 20.
Dalton, John T., Durham, N. C., assignor to The American Tobacco Company, New York, N. Y. Press. 2,579,176, Dec. 18.
Dalton, Joseph B., Spindale, N. C. Double-action stop motion attachment for spinning frames or twisters. 2,559,949, July 10.
Dalton, Lester F., Torrance, Calif. Centrifugal casting machine. 2,570,325, Oct. 9.
Dalton Manufacturing Company, assignee: *See*—
Dalton, Clarence E.
Dalton, Masten R., New Castle, assignor to American Viscose Corporation, Wilmington, Del. Compositions comprising acrylonitrile polymers. 2,540,475, Feb. 6.
Dalton, Philip B., assignor to Sun Chemical Corporation, New York, N. Y. N-methacroyl N'-(methyl-alanyl) methylene diamides. 2,576,501, Nov. 27.
Dalton, Philip B., assignor to Sun Chemical Corporation, New York, N. Y. Polymers of reaction products of alkyl amines and methylene-bis-methacrylamide. 2,576,502, Nov. 27.
Dalton, Robert A., Fairfield, Conn., assignor to Remington Rand Inc., New York, N. Y. Combined printer and drier for planographic printing plates. 2,578,048, Dec. 11.
Dalton, Robert L., Irondequoit, assignor to Graflex, Inc., Rochester, N. Y. Camera back. 2,549,670, Apr. 17.
Daly, Charles F., Boston, Mass. Heater. 2,536,425, Jan. 2.
Daly, Daniel F.: *See*—
Ballou, Richard P., and Daly.
Daly, George F., Endicott, and C. R. Manning, Vestal, assignors to International Business Machines Corporation, New York, N. Y. Record controlled printing machine with checking device to control accumulator entries. 2,540,026, Jan. 30.
Daly, George F., Endicott, G. V. A. Malmros, Binghamton, and D. W. Haney, Vestal, assignors to International Business Machines Corporation, New York, N. Y. Record perforating machine. 2,547,445, Apr. 3.
Daly, Lawrence E., Mishawaka, Ind., assignor to United States Rubber Company, New York, N. Y. Blends of butadiene-acrylonitrile rubbery copolymers having a toluene-insoluble "B" gel content of from 30 to 50 per cent and hard resinous styrene-acrylonitrile copolymers. 2,550,139, Apr. 24.
Daly, Lawrence E., Osceola, Ind., assignor to United States Rubber Company, New York, N. Y. Tough, boardy thermoplastics. 2,541,748, Feb. 13.
Daly, Lawrence E., Mishawaka, and R. W. Pooley, South Bend, Ind., assignors to United States Rubber Company, New York, N. Y. Making cellular material. 2,570,182, Oct. 9.
Daly, Le Grand, Birmingham, Mich. Suspension for safety helmets. 2,573,250, Oct. 30.
Daly, Thomas A., Sharpsville, Pa., assignor, by mesne assignments, to the United States of America as represented by the Secretary of the Navy. Sectionalized torpedo. 2,572,116, Oct. 23.
Daly, Thomas A., Sharpsville, and H. A. Gill, Sharon, Pa., assignors, by mesne assignments, to the United States of American as represented by the Secretary of the Navy. Timer. 2,537,929, Jan. 9.
Daly, Thomas A., and P. M. Hogue, Sharon, Pa., assignors, by mesne assignments, to the United States of America as represented by the Secretary of the Navy. Propulsion assembly for torpedoes. 2,568,433, Sept. 18.
Daly, Webster J., Los Angeles, Calif. Diagnostiscope. 2,544,779, Mar. 13.
Dalzell, Harold L.: *See*—
Farrington, Thayer B., Keller, and Dalzell.
Dalzell, Stewart, III.: *See*—
Reber, Clarence G., and Dalzell, III.
Damast, Abraham, Great Neck, assignor to Criterion Bead & Novelty Corp., Long Island City, N. Y. Ringing toy bell. 2,546,389, Mar. 27.
D'Amato, Rosaria S., Jackson Heights, N. Y. Form-fitting bra-slip. 2,558,420, June 26.
Damboise, Emile V., Paris, France. Preparation of an emulsion paint. 2,563,991, Aug. 14.
D'Amelio, Luigi, Naples, Italy, assignor of one-half to J. L. Bonanno, Madison, N. J. Wind motor for driving variable stroke piston pumps. 2,555,787, June 5.
Dameral, Ray C., San Leandro, assignor to S. Herst, doing business as Peerless Electric Company, San Francisco, Calif. Lighting fixture for elongated tubular lamps. 2,537,398, Jan. 9.
Dameron, Henry A., assignor to Greenville Steel & Foundry Company, Greenville, S. C. Continuous bleaching apparatus. 2,554,090, May 22.
Da Mert, F. A., assignee: *See*—
Crewdson, Sarah M.
Dames, Ralph J., Jr., United States Navy. Instrument illumination. 2,537,971, Jan. 16.
Damiano, Frank, Newburgh, N. Y. Railroad toy. 2,551,317, May 1.
D'Amico, Angelo, Brooklyn, N. Y. Machine for filling hassocks and cushions with filling tube and releasably positioned compressor disk. 2,544,222, Mar. 6.
D'Amico, Carman, assignee: *See*—
Parisotto, Henry S.
D'Amico, Sabatino, Rye, N. Y. Resilient heel. 2,536,539, Jan. 2.
Damon, Gordon A., Minneapolis, Minn. Fish stringer. 2,563,160, Aug. 7.
Damon, Ralph S., Cleveland, and R. H. Hunter, Gates Mills, Ohio, said Damon assignor to said Hunter. Liquid fuel burner with mixing and igniting means. 2,544,299, Mar. 6
Damon, Robert H., Chicago, Ill., assignor to Bowser, Inc., Fort Wayne, Ind. Dispensing apparatus for liquid fuels and air. 2,552,886, May 15.
Damond, Emile, Paris, France. Vibrating suspension apparatus. 2,550,534, Apr. 24.
Damron, William M., Topeka, Kans. Light bulb mounting for sealed reflector units. 2,563,217, Aug. 7.
Damrow Brothers Company, assignee: *See*—
Peters, Norman J.
Peters, Norman J., and Flentje.
Damschroder, Rudolph E., and J. W. Gates, Jr., assignors to Eastman Kodak Company, Rochester, N. Y. Copolymers of proteins having unsaturated radicals united therewith. 2,548,520, Apr. 10.
Dana Corporation, assignee: *See*—
Thelander, W. Vicent.
Zingsheim, Edward W.
Dana, Homer J., assignor to State College of Washington Research Foundation, Pullman, Wash. Precipitation static control for airplanes. 2,549,671, Apr. 17.
Danalis, Peter, Rockaway Beach, N. Y. Gravitational motion for vertical levers on two-wheeled load transporting vehicles. 2,562,701, July 31.
Danciger Oil & Refining Company, assignee: *See*—
Greene, David H.
Dancyger Manufacturing Company, assignee: *See*—
Brown, John W.
Danekas, Stanley R.: *See*—
Jackson, Vesper L., Pfrehm, and Danekas.
Danel, Pierre, assignor to Ateliers Neyret-Beylier & Piccard-Pictet, Grenoble, France. Sand removing installation. 2,561,847, July 24.
Danelon, Luigi, Aosta, Italy. Variable-speed transmission mechanism. 2,578,403, Dec. 11.
Danforth, Joseph D., Grinnell, Iowa, assignor to Universal Oil Products Company, Chicago, Ill. Drying oil composition. 2,566,515, Sept. 4.
Danforth, Richard S., Berkeley, assignor to R. H. Eckhoff, Piedmont, Calif., as trustee. Anchor. 2,576,390, Nov. 27.
D'Angelo, Frank: *See*—
Wilcox, Granville M., and D'Angelo.
Dangin, Roger, Beauvais, assignor to La Brosse & J. Dupont Reunis, Paris, France. Rounding off and polishing the ends of thermoplastic brush bristles. 2,554,777, May 29.
Danhof, Kornelis R., assignor to Concrete Patents Limited, London, England. Apparatus for molding prestressed reinforced concrete elements. 2,569,231, Sept. 25.
Daniel, Alfred H., Waynesville, Mo. Tail brace. 2,574,172, Nov. 6.
Daniel, Blake N., Brooklyn, N. Y. Animated amusement device. 2,544,949, Mar. 13.
Daniel, Eliot H., North Hollywood, and K. L. Darby, Van Nuys, Calif. Tape splicer. 2,539,611, Jan. 30.
Daniel, Frederick K., Kew Gardens, assignor to Sun Chemical Corporation, New York, N. Y. Modified milk product. 2,542,633, Feb. 20.
Daniel, Frederick K., Kew Gardens, N. Y. Dialysis procedure. 2,568,990, Sept. 25.
Daniel, John H.: *See*—
Hanson, Elmo E., and Daniel.
Daniel, John H., Jr.: *See*—
Suen, Tzeng-Jiueq, and Daniel.
Daniel, John H., Jr., Cos Cob, C. G. Landes, New Canaan, Conn., and J. D. Pollard, Baltimore, Md., assignors to American Cyanamid Company, New York, N. Y. Treating nonfibrous cellulosic film and resulting product. 2,573,956, Nov. 6.

Daniel, John H., Jr., Cos Cob, C. G. Landes, New Canaan, Conn., and J. D. Pollard, Baltimore, Md., assignors to American Cyanamid Company, New York, N. Y. Treating nonfibrous cellulose film and resulting product. 2,573,957, Nov. 6.

Daniel, Lester F., Kilgore, assignor of one-fourth to J. B. Synnott, Jr., Beaumont, Tex. Mixing and metering machine for powdered substances. 2,561,975, July 24.

Daniel, Nathan I., Long Branch, N. J. Loud-speaker cabinet with inclined baffles. 2,550,336, Apr. 24.

Daniel, William C., Wilhelmina, Mo. Hinged joint and swivel beam for tractor-mounted implements. 2,579,553, Dec. 25.

Danielius, Edgaras, Inskip, near Preston, assignor to Jones & Malyon Limited, London, England. Shoe having a detachable upper. 2,552,943, May 15.

Daniell, Frank P., Benavides, Tex. Combination cap and lid for condiment dispensers with sealing means for cap apertures. 2,564,189, Aug. 14.

Daniels, Arthur W., assignor to B. V. C. Industrial Constructions Limited, London, England. Removal and transport of ashes and the like furnace residues. 2,563,517, Aug. 7.

Daniels, C. R., Inc., assignee: *See*—
Delsalle, Frank P.

Daniels, Clare R., Milwaukee, Wis. Golf-shoe calk wrench, 2,539,532, Jan. 30.

Daniels, Elwyn J., administrator: *See*—
Daniels, Sam.

Daniels, Farrington, assignor to Wisconsin Alumni Research Foundation, Madison, Wis. Thermal fixation of atmospheric nitrogen. 2,548,002, Apr. 10.

Daniels, Farrington, Madison, Wis., W. G. Hendrickson, San Jose, Calif., and E. G. Foster, Wilmington, Del., assignors to Wisconsin Alumni Research Foundation, Madison, Wis. Nitric oxide recovery system. 2,578,674, Dec. 18.

Daniels, Flavius K., assignor to Vickers-Armstrongs Limited, London, England. Automatically and intermittently feeding blanks of cardboard or similar sheet material. 2,569,976, Oct. 2.

Daniels, Fred A., Sr.: *See*—
Julian, James G., and Daniels.

Daniels, Gordon E., Nashville, Tenn. Dirt scraping apparatus. 2,577,877, Dec. 11.

Daniels, Herbert F., Portland, Oreg. Vaporizing type oil burner. 2,553,304, May 15.

Daniels, James W., Fort Myers, Fla. Inboard power unit for shallow draft boats. 2,569,802, Oct. 2.

Daniels, James W., Fort Myers, Fla. Self-loading and unloading auto truck. 2,576,001, Nov. 20.

Daniels, Joseph S., Rhinelander, Wis. Printing plate positioner. 2,559,533, July 3.

Daniels, Lee C., East Cleveland, Ohio, assignor, by mesne assignments, to The Oliver Corporation, Chicago, Ill. Track and supporting mechanism for crawler type tractors. 2,537,745, Jan. 9.

Daniels, Lee C., assignor to Towmotor Corporation, Cleveland, Ohio. Pulldown cylinder assembly for mast slides. 2,569,126, Sept. 25.

Daniels, Llewellyn J., San Francisco, Calif. Container and pallet. 2,547,112, Apr. 3.

Daniels, Oscar C., Sr., Oriental, N. C. Hemostatic tonsillectome. 2,540,936, Feb. 6.

Daniels, Richard W., Jr.: *See*—
Maciejowski, John J., and Daniels.
Maeser, Mieth, and Daniels.

Daniels, Sam, deceased, Hardwick, Vt.; E. J. Daniels, administrator. Manure-spreader clutch. 2,578,675, Dec. 18.

Daniels, Theodore H., Seattle, Wash. Cream separator and pouring spout. 2,544,070, Mar. 6.

Danielsen, August A., Rosedale, assignor, by mesne assignments, to General Bronze Corporation, Garden City, N. Y. Stove grill. 2,559,710, July 10.

Danielson, Albert, South Gate, Calif. Fishhook remover. 2,578,289, Dec. 11.

Danielson, Carl E., North Sacramento, Calif. Polish applicator for rotary brush-type shoe shining machines. 2,554,524, May 29.

Danielson, Carl E., Sacramento, Calif. Polish applying device for rotary brush-type shoe shining machines. 2,554,525, May 29.

Danielson, Clifford E., Fargo, N. K. Breath deflector. 2,566,557, Sept. 4.

Danielson, Elmer L.: *See*—
Dofsen, Floyd J., and Danielson.

Danielson, Elmer L., Oakland, and F. J. Dofsen, San Francisco, Calif. Bonding thermoplastic materials. 2,565,803, Aug. 28.

Danielson, Harry A., Long Beach, Calif. Bathtub. 2,564,190, Aug. 14.

Danielson, John A., Richmond, Calif. Self-closing nonreleasing fluid-actuated valve. 2,537,212, Jan. 9.

Danielson, John A., Richmond, Calif. Valve-spout cream remover. 2,552,154, May 8.

Danielson, John A., Richmond, Calif. Liquid-dispensing valve spile. 2,552,155, May 8.

Danielson Manufacturing Company, The, assignee: *See*—
Chadbourne, Joseph H.

Danielson, Vernon S., Dolton, assignor to W. H. Miner, Inc., Chicago, Ill. Friction shock absorber for railway car trucks. 2,536,264, Jan. 2.

Danielson, Vernon S., Dolton, assignor to W. H. Miner, Inc., Chicago, Ill. Friction shock absorbing mechanism for railway draft riggings. 2,555,398, June 5.

Danielson, Vernon S., Dolton, assignor to W. H. Miner, Inc., Chicago, Ill. Shock absorbing mechanism for railway draft riggings. 2,576,214, Nov. 27.

Danielsson, Börje K.: *See*—
Edvinson, Anders G., and Danielsson.

Danielsson, Paul, assignor to Arenco Aktiebolag, Stockholm, Sweden. Apparatus for positioning fish. 2,563,008, Aug. 7.

Danielsson, Paul, Stora Essingen, assignor to Arenco Aktiebolag, Stockholm, Sweden. Fish eviscerating machine. 2,558,608, June 26.

Danielsson, Paul, Stora Essingen, assignor to Arenco Aktiebolag, Stockholm, Sweden. Fish positioning machine. 2,576,215, Nov. 27.

Danielsson, Yngve A. F., Goteborg, Sweden. Sheet feeding apparatus for printing presses or the like. 2,566,175, Aug. 28.

Daninhirsch, Harry, Brooklyn, assignor, by mesne assignments, to W. B. Connor Engineering Corporation, New York, N. Y. Diffuser with a detachable deflector member. 2,558,421, June 26.

Dankert, Gustave D., Cary Ill. Device for storing and bundling newspapers. 2,575,048, Nov. 13.

Dankert, Lester J., Midland, and D. A. Permoda, Bay City, assignors to The Dow Chemical Company, Midland, Mich. Production of dicyclohexylamine. 2,571,016, Oct. 9.

Danly, George I., Elmhurst, and J. C. Danly, River Forest, assignors to Danly Machine Specialties, Inc., Chicago, Ill. Flywheel bearing demounting assembly. 2,565,759, Aug. 28.

Danly, George I., Elmhurst, and V. Georgeff, assignors to Danly Machine Specialties, Inc., Chicago, Ill. Connecting rod joint. 2,573,549, Oct. 30.

Danly, James C.: *See*—
Danly, George I., and J. C.

Danly Machine Specialties, Inc., assignee: *See*—
Conner, Guy O.
Danly, George I., and Georgeff.
Danly, George I. and J. C.
Danly, Philo H., and Georgeff.

Danly, Philo H., Hinsdale, and V. Georgeff, assignors to Danly Machine Specialties, Inc., Chicago, Ill. Power press flywheel bearing lubricating system. 2,565,760, Aug. 28.

Dann, Charles W., Orange, and R. M. Somers, assignors to Thomas A. Edison, Incorporated, West Orange, N. J. Phonograph recorder and reproducer. 2,545,652, Mar. 20.

Dannatt, Cecil, Hale, assignor to Metropolitan-Vickers Electrical Company Limited, and Vickers-Armstrongs Limited, London, England. Electric follow-up control system. 2,536,876, Jan. 2.

Dannemann, Herbert: *See*—
Rankin, Felix, and Dannemann.

Dannenberg, Eli M., Brookline, assignor to Sprague Electric Company, North Adams, Mass. Electrical insulation. 2,553,362, May 15.

Dannenberg, Hans, Berkeley, assignor to Shell Development Company, San Francisco, Calif. Drying compositions resistant to gas checking and frosting. 2,559,347, July 3.

Dannenberg, Hans, Berkeley, assignor to Shell Development Company, San Francisco, Calif. Stabilization of unsaturated ketones. 2,566,792, Sept. 4.

Dannenberg, Hans, Berkeley Highlands, and D. E. Adelson, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Polymerization of unsaturated alcohols. 2,541,155, Feb. 13.

Dannenberg, Hans, and D. E. Adelson, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Polymers from allylic alcohol monoethers of trihydric alcohols. 2,545,689, Mar. 20.

Dannenberg, Hans, Berkeley, and T. F. Bradley, Oakland, assignors to Shell Development Company, San Francisco, Calif. Copolymers of diallyl phthalate and diallyl esters of dimerized unsaturated fatty acids. 2,564,395, Aug. 14.

Dan River Mills, Incorporated, assignee: *See*—
Spangler, Myrtle J.

Danser, Harold W., Jr.: *See*—
Horsley, Caperton B., and Danser.

Dansereau, Edward I., Bluefield, W. Va., assignor to Joy Manufacturing Company. Mining machine. 2,559,711, July 10.

Dansk Telefonalarm Aktieselskab, assignee: *See*—
Hansen, Hans C.

Danuser, Henry, Fulton, Mo. Earth-boring apparatus. 2,557,637, June 19.

Danuser, John H., Fulton, Mo. Grader blade locking and manipulating means. 2,564,355, Aug. 14.

Danzin, André, and J. Calis, Paris, France, assignors to Compagnie Generale de Telegraphie Sans Fil. Ceramic composition. 2,571,844, Oct. 16.

Daon, Rene, East Norwalk, assignor to Yankee Metal Products Corporation, Norwalk, Conn. Vehicle directional signal lamp. 2,566,404, Sept. 4.

Daphne Investment Trust, assignee: *See*—
Grimm, Oskar.
Handschin, Max.
Handschin, Max, and Wagner.
Wagner, Kurt.
Dapprich, William R., Mount Lebanon, Pa. Refrigeration device. 2,578,049, Dec. 11.
Dapprich, William R., Pittsburgh, Pa. Apparatus for dry cleaning. 2,574,731, Nov. 13.
Darby, Joseph R.: *See*—
Cowell, Elmer E., and Darby.
Darby, Joseph R., Richmond Heights, assignor to Monsanto Chemical Company, St. Louis, Mo. Polyvinyl chloride compositions stabilized with a mixture of a monoalkoxyethyl fumarate or maleate and a basic lead salt. 2,539,362, Jan. 23.
Darby, Kenneth L.: *See*—
Daniel, Eliot H., and Darby.
Darby, Walter: *See*—
Jellis, Morgan, and Darby.
D'Arcey, Alfred C., assignor to Bendix Aviation Corporation, Norwood, Mass. Fluid motor. 2,551,246, May 1.
D'Arcey, Alfred C., assignor to Bendix Aviation Corporation, Norwood, Mass. Remote control. 2,557,784, June 19.
D'Arcy, Ellis W., assignor to DeVry Corporation, Chicago, Ill. Motion-picture condenser lens mounting. 2,554,666, May 29.
Darin, Elvio, assignee: *See*—
Vittorio, Da R. D. M.
Darker, Grant D., Maple Heights, Ohio, assignor to Ben Venue Laboratories, Incorporated, Pittsburgh, Pa. Production of bacitracin. 2,567,698, Sept. 11.
Darkins, Samuel P., Homestead, Pa. Clothesline fastener. 2,536,159, Jan. 2.
Darling & Company, assignee: *See*—
Tour, Reuben S.
Darling, Frank L., assignor to D. K. M. Company, Los Angeles, Calif. Thermostatic switch. 2,550,188, Apr. 24.
Darling, John M., Kansas City, Mo. Collar protector. 2,559,406, July 3.
Darling, Robert F., Leicester, assignor to Power Jets (Research & Development) Limited, London, England. Apparatus for deflecting a fuel jet towards a region of turbulence in a propulsive gaseous stream. 2,546,432, Mar. 27.
Darling, Woodrow, Merchantville, N. J., assignor to Radio Corporation of America. Relay satellite broadcast system. 2,545,197, Mar. 13.
Darlington, Harry D., Hackensack, N. J., assignor to Sun Chemical Corporation, New York, N. Y. Preparing metallic resinates. 2,562,020, July 24.
Darnell, Rex C., Dexter, assignor to King-Seeley Corporation, Ann Arbor, Mich. Timer mounting. 2,546,090, Mar. 20.
Darnell, Rex C., Dexter, assignor to King-Seeley Corporation, Ann Arbor, Mich. Timer. 2,562,378, July 31.
Darnell, Rex C., Dexter, assignor to King-Seeley Corporation, Ann Arbor, Mich. Timer mechanism. 2,577,004, Dec. 4.
Darnell, Victor L., Spring Valley, assignor to The Master Electric Company, Dayton, Ohio. Rotor balancing means. 2,558,737, July 3.
Darner, Frederic M., Shaker Heights, assignor to Republic Steel Corporation, Cleveland, Ohio. Seam welding procedure for pipe manufacture. 2,564,396, Aug. 14.
Darrach, Walter T., Philadelphia, Pa. Correcting magnetic compasses on carriers. 2,558,934, July 3.
Darracott, George F., Stratford, G. N. Barba, Fairfield, and L. Reichert, Stratford, assignors to United Aircraft Corporation, East Hartford, Conn. Laminated airfoil section and making same. 2,563,218, Aug. 7.
Darragh, Harry W., Richmond Heights, Mo., assignor to The Selby Shoe Company, Portsmouth, Ohio. Making slip lasted shoes. 2,557,535, June 19.
Darragh, John L., and R. J. Miller, Berkeley, assignors to California Research Corporation, San Francisco, Calif. Preparation of aryl dicarboxylic acids. 2,563,820, Aug. 14.
Darrah, Arthur F., Rochester, Vt. Container brushing machine. 2,556,389, June 12.
Darrin, Howard A., Los Angeles, Calif. Motor vehicle frame. 2,551,528, May 1.
Darrin, Howard A., Los Angeles, Calif. Vehicle door construction. 2,553,134, May 15.
Darrow, George A., assignee: *See*—
Winslow, James C.
Darrow, George A., Glendale, Calif. Producing a bacon rind product. 2,547,747, Apr. 3.
Darrow, Kenneth A.: *See*—
McMahan, Kenton D., and Darrow.
Dart, Charles W., York, Pa., assignor to American Chain & Cable Company, Inc., Bridgeport, Conn. Antiskid device. 2,570,922, Oct. 9.
Dart, Robert H., Sacramento, Calif. Adjustable firedog. 2,543,230, Feb. 27.
D'Artenay, Francis A., Stratford, Calif. Hitch for ganging a plurality of implements in squadron arrangement. 2,552,770, May 15.
Darwin, Daniel P., Lansdowne, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Retaining device. 2,548,874, Apr. 17.
Darwin, William N., Norris, Tenn., assignor to Tennessee Valley Authority. Resilient chain post peeler. 2,552,526, May 15.
Dashiell, Daniel H., assignor to The International Electronics Company, Philadelphia, Pa. Output and input circuits for magnetic recording systems. 2,539,121, Jan. 23.
Dashwood, Charles E., Los Angeles, Calif., assignor to C. E. Doolin. Griddle cake machine. 2,571,344, Oct. 16.
Dasinger, Anton F., Sidney, Mont. Garment protector. 2,555,786, June 5.
Daskam, Edward, Jr.: *See*—
Bartelink, Everhard H. B., and Daskam.
Daso, Adriano, Arroyo Grande, Calif. Stake driver. 2,568,613, Sept. 18.
D'Assis-Fonseca, Evelyn C. M., assignor to The Bristol Aeroplane Company Limited, Bristol, England. Control for power-operated aircraft guns. 2,542,483, Feb. 20.
D'Astici, Frank, Glencoe, Ill. Lawn cleaner. 2,561,500, July 24.
Dath, George E., Mokena, assignor to W. H. Miner, Inc., Chicago, Ill. Shock absorber for railway car trucks. 2,536,265, Jan. 2.
Dath, George E., Mokena, assignor to W. H. Miner, Inc., Chicago, Ill. Shock absorber for railway car trucks. 2,536,266, Jan. 2.
Dath, George E., Mokena, assignor to W. H. Miner, Inc., Chicago, Ill. Friction shock absorber for truck springs of railway cars. 2,537,261, Jan. 9.
Dath, George E., Mokena, assignor to W. H. Miner, Inc., Chicago, Ill. Friction shock absorbing mechanism for railway draft riggins. 2,540,324, Feb. 6.
Dath, George E., Mokena, assignor to W. H. Miner, Inc., Chicago, Ill. Friction shock absorber for railway car trucks. 2,541,212, Feb. 13.
Dath, George E., Mokena, assignor to W. H. Miner, Inc., Chicago, Ill. Supporting crank member for sliding doors. 2,543,155, Feb. 27.
Dath, George E., Mokena, assignor to W. H. Miner, Inc., Chicago, Ill. Friction shock absorber for railway car trucks. 2,546,215, Mar. 27.
Dath, George E., Mokena, assignor to W. H. Miner, Inc., Chicago, Ill. Friction shock absorber for railway car trucks. 2,546,216, Mar. 27.
Dath, George E., Mokena, assignor to W. H. Miner, Inc., Chicago, Ill. Friction shock absorber for railway car trucks. 2,546,217, Mar. 27.
Dath, George E., Mokena, assignor to W. H. Miner, Inc., Chicago, Ill. Combined rubber and friction shock absorbing means for railway car trucks. 2,552,667, May 15.
Dath, George E., Mokena, assignor to W. H. Miner, Inc., Chicago, Ill. Friction shock absorber for railway car trucks. 2,552,668, May 15.
Dath, George E., Mokena, assignor to W. H. Miner, Inc., Chicago, Ill. Adjustable door supporting crank arm. 2,553,634, May 22.
Dath, George E., Mokena, assignor to W. H. Miner, Inc., Chicago, Ill. Cushioning unit for shock absorbers. 2,553,635, May 22.
Dath, George E., Mokena, assignor to W. H. Miner, Inc., Chicago, Ill. Rubber cushioning unit for shock absorbers. 2,553,636, May 22.
Dath, George E., Mokena, assignor to W. H. Miner, Inc., Chicago, Ill. Friction shock absorbing mechanism. 2,554,561, May 29.
Dath, George E., Mokena, assignor to W. H. Miner, Inc., Chicago, Ill. Lever mechanism. 2,554,562, May 29.
Dath, George E., Mokena, assignor to W. H. Miner, Inc., Chicago, Ill. Lever mechanism. 2,554,563, May 29.
Dath, George E., Mokena, assignor to W. H. Miner, Inc., Chicago, Ill. Friction shock absorbing mechanism for railway draft riggings. 2,555,399, June 5.
Dath, George E., Mokena, assignor to W. H. Miner, Inc., Chicago, Ill. Door fastener. 2,558,824, July 3.
Dath, George E., Mokena, assignor to W. H. Miner, Inc., Chicago, Ill. Door fastener for hinged doors. 2,558,825, July 3.
Dath, George E., Mokena, assignor to W. H. Miner, Inc., Chicago, Ill. Combined spring and snubber for railway car trucks. 2,563,924, Aug. 14.
Dath, George E., Mokena, assignor to W. H. Miner, Inc., Chicago, Ill. Friction snubber for railway car trucks. 2,565,650, Aug. 28.
Dath, George E., Mokena, assignor to W. H. Miner, Inc., Chicago, Ill. Operating handle lever for rotary bar door fasteners. 2,567,366, Sept. 11.
Dath, George E., Mokena, assignor to W. H. Miner, Inc., Chicago, Ill. Door fastener. 2,568,058, Sept. 18.
Dath, George E., Mokena, assignor to W. H. Miner, Inc., Chicago, Ill. Snubbed bolster truck. 2,568,059, Sept. 18.
Dath, George E., Mokena, assignor, to W. H. Miner, Inc., Chicago, Ill. Fastener for sliding doors of railway cars. 2,571,215, Oct. 16.
Dath, George E., Mokena, assignor to W. H. Miner, Inc., Chicago, Ill. Rubber shock absorbing means for railway draft riggings. 2,575,491, Nov. 20.
Dath, George E., Mokena, assignor to W. H. Miner, Inc., Chicago, Ill. Worm gearing. 2,578,784, Dec. 18.
Datin, Richard C.: *See*—
Congdon, William J., and Datin.
Dauben, Hyp J., Jr. *See*—
Bartlett, Paul D., and Dauben.

Daubenspeck, Benjamin K.: *See*—
Brown, John T., and Daubenspeck.
Daubenspeck, Henry C., assignee: *See*—
Winder, Samuel E.
Daudt, William H., Midland, Mich., assignor to Corning Glass Works, Corning, N. Y. Copolymerization of organo-siloxanes. 2,550,003, Apr. 24.
Daudt, William H., assignor to Dow Corning Corporation, Midland, Mich. Production of phenyltrichlorosilane. 2,576,448, Nov. 27.
Dauenhauer, Florian F., Santa Rosa, Calif. Machine for shaping wire strands for screens. 2,549,061, Apr. 17.
Daugherty, Frank Z., assignor to The Lamb Electric Company, Kent, Ohio. Electric motor-driven fan structure. 2,564,155, Aug. 14.
Daugherty, George W., Orlando, Fla., assignor to Food Machinery and Chemical Corporation, San Jose, Calif. Spraying machine. 2,547,927, Apr. 10.
Daugherty, James P., Swarthmore, Pa., assignor to Houdry Process Corporation, Wilmington, Del. Catalytic alkylation. 2,541,044, Feb. 13.
Daugherty, Joseph A.: *See*—
Martin, Francis E., and Daugherty.
Daugherty, Thomas, Tulsa, Okla. Cooking oil filtering apparatus. 2,578,129, Dec. 11.
Daul, George C.: *See*—
Reid, John D., and Daul.
Daun, Carl L., Milwaukee, Wis. Heat exchange device. 2,555,682, June 5.
Dauphinee, George S., Brooklyn, assignor to W. B. Connor Engineering Corp., New York, N. Y. Air-conditioning apparatus and the like. 2,579,477, Dec. 25.
D'Autremont, Louis F., Dayton, Ohio. Stencil printing machine. 2,571,685, Oct. 16.
Dauvin, Jean C. M. R., Paris, and H. L. Lesigne, Vanves, assignors to Compagnie Generale d'Electricite, Paris, France. Antidistortion device for receiving and retransmitting impulses. 2,563,311, Aug. 7.
D'Avaucourt, Pierre de V., Bainbridge, Pa. Surfacing machine for producing lenses and similar articles. 2,553,528, May 15.
Daven Company, The, assignee: *See*—
Keroes, Herbert I.
Lutsky, Arthur A., and Walker.
Newman, Lewis.
Davenport, Eldon A.: *See*—
Gray, James E., and Davenport.
Davenport, John F.: *See*—
Taylor, Robert J., and Davenport.
Davenport, Joseph M., Medford, Oreg. Collapsible box. 2,558,126, June 26.
Davenport Machine Tool Co., Inc., assignee: *See*—
Brinkman, Earl W.
Davenport, Oscar J., Pascagoula, Miss. Ventilating apparatus. 2,544,379, Mar. 6.
Davenport, Theron P., Port Neches, Tex. Maneuvering machine. 2,548,202, Apr. 10.
Davenport, William F., Stratford, and H. A. Smith, Fairfield, Conn. Brassière. 2,544,300, Mar. 6.
Davenport, William G., Glenside, Pa., and J. H. Hampton, Oaklyn, N. J., assignors to Beaumont Birch Company, Philadelphia, Pa. Apparatus for collecting ash and dust. 2,553,175, May 15.
Davey, Clarence P., Oak Park, assignor to Eugene Dietzgen Co., Chicago, Ill. Mounting for spirit levels. 2,567,553, Sept. 11.
Davey, Clarence P., Oak Park, assignor to Eugene Dietzgen Co., Chicago, Ill. Straightedge construction. 2,567,554, Sept. 11.
Davey, George M., Downey, and H. Hauflaire, Glendale, assignors to Hadco Engineering Company, Huntington Park, Calif. Hitch jack. 2,539,897, Jan. 30.
Davey, James R.: *See*—
Branson, David E., Davey, Knandel, Locke, and Vanderlippe.
Davey, William, London, England, assignor to Shell Development Company, San Francisco, Calif. Lubricating oil. 2,546,941, Mar. 27.
Davia, Severino A., Chicago, Ill. Vehicle window wiper. 2,545,768, Mar. 20.
David, Allan T., Corona, Calif. Infant's crib construction having a removable floor. 2,536,357, Jan. 2.
David, Herman W., Montclair, and M. L. Svikhart, Glen Ridge, N. J., assignors to Western Electric Company, Incorporated, New York, N. Y. Article forming apparatus. 2,562,702, July 31.
David, Jack, assignee: *See*—
Battaglia, James G.
David, Werner, Battersea, London, England, assignor to Shell Development Company, San Francisco, Calif. Corrosion inhibitors. 2,545,137, Mar. 13.
David, Werner, Chester, England, assignor to Shell Development Company, San Francisco, Calif. Corrosion inhibiting compositions. 2,545,138, Mar. 13.
Davidoff, Charles, New York, assignor to Metallizing Engineering Co. Inc., Long Island City, N. Y. Composite wire for spraying a nondrawable metal. 2,570,649, Oct. 9.
Davids, John H., Beloit, Wis., assignor to Fairbanks, Morse & Co., Chicago, Ill. Bushing assembly. 2,566,080, Aug. 28.
Davids, Robert B., Baltimore, Md. Combined rocker punch and shear container opener. 2,553,176, May 15.
Davidson, Carl A., and H. Werklund, Simrishamn, Sweden. Wooden last. 2,551,729, May 8.
Davidson, Cecil S., Sudbury, Ontario, Canada. Magnetometer. 2,541,213, Feb. 13.
Davidson, Clinton J.: *See*—
Sherman, Wilbur G., Wright, and Davidson.
Davidson Corporation, assignee: *See*—
Davidson, William W.
Dell, Edward F.
Davidson, Donald D.: *See*—
Nelson, Charles R., Taylor, Davidson, and Peters.
Davidson, Donald D., Long Beach, assignor to Shell Development Company, San Francisco, Calif. Purification of alkyl phenols. 2,536,040, Jan. 2.
Davidson, Donald E., Los Angeles County, Calif. Photographic slide binder. 2,541,575, Feb. 13.
Davidson, Frank, Sr., Los Angeles, Calif. Adjustable shade and curtain hanger. 2,544,950, Mar. 13.
Davidson, Hobart O., Swarthmore, Pa., assignor to American Viscose Corporation, Wilmington, Del. Method and apparatus for handling unstable chemical dispersions. 2,548,003, Apr. 10.
Davidson, Ivor M., South Farnborough, assignor to Power Jets (Research and Development) Limited, London, England. Duct intake or entry for gaseous fluid flow diffuser system. 2,573,834, Nov. 6.
Davidson, James A. B., assignor to Muirhead and Company Limited, Beckenham, England. Thermionic valve oscillator. 2,577,235, Dec. 4.
Davidson, John B., Woolen Mills, Inc., assignee: *See*—
Dahlhouser, Charlie H.
Davidson, John T.: *See*—
Stimson, Percy G., and Davidson.
Davidson, John T., J. R. Ganger, J. H. Crawford, and H. F. Sadgebury, assignors to The National Cash Register Company, Dayton, Ohio. Line spacing mechanism for accounting machines. 2,536,267, Jan. 2.
Davidson, John T., P. H. Williams, and L. N. Lehman, assignors to The National Cash Register Company, Dayton, Ohio. Accounting machine. 2,540,189, Feb. 6.
Davidson, John T., and J. H. Kroemer, assignors to The Standard Register Company, Dayton, Ohio. Autographic register. 2,541,989, Feb. 20.
Davidson, Louis, Colwyn, Pa. Fuel-burning heater for air and/or water. 2,556,170, June 12.
Davidson, Norman R.: *See*—
Fried, Sherman, and Davidson.
Davidson, Paul B., Wilkinsburg, Pa., assignor to Strathmore Paper Company, Springfield, Mass. Sized paper, composition therefor, and making same. 2,549,177, Apr. 17.
Davidson, Robert K., and W. Bacon, North Woodbury, Conn. Tote box and rack therefor. 2,574,692, Nov. 13.
Davidson, Trevor O., Milwaukee, and B. L. Lonngren, assignors to Bucyrus-Erie Company, South Milwaukee, Wis. Winch for convertible draglines and shovels. 2,543,765, Mar. 6.
Davidson, Trevor O., assignor to Bucyrus-Erie Company, South Milwaukee, Wis. Front end for excavating machines. 2,569,458, Oct. 2.
Davidson, William A., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Sewing machine supporting cabinet with column stand. 2,558,826, July 3.
Davidson, William W., Evanston, Ill., assignor, by mesne assignments, to Davidson Corporation. Sheet detector control mechanism for printing presses. 2,539,382, Jan. 30.
Davidson, William W., Evanston, Ill., assignor, by mesne assignments, to Davidson Corporation. Inking mechanism for printing presses. 2,539,383, Jan. 30.
Davidson, William W., Evanston, Ill., assignor, by mesne assignments, to Davidson Corporation. Sheet feeding mechanism for printing presses. 2,561,015, July 17.
Davies, Arthur B., Pittsburgh, Pa. Applicator head for fountain brushes. 2,567,764, Sept. 11.
Davies, Caleb, Jr., Ben Avon, assignor, by mesne assignments, to Pittsburgh Consolidation Coal Company, Pittsburgh, Pa. Carbonization apparatus. 2,575,587, Nov. 20.
Davies, Clarence J., assignor to National Automotive Fibres, Inc., Detroit, Mich. Trim panel and making the same. 2,550,455, Apr. 24.
Davies, Harry E.: *See*—
Reimschissel, Charles A., and Davies.
Davies, John M., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Preventing the accumulation of ice on aircraft surfaces and the like. 2,567,804, Sept. 11.
Davies, John S. H., and W. H. Hook, Alderley Edge, assignors to British Schering Research Laboratories Limited, London, England. Manufacture of N-allyl derivatives of oxazolidine-2:4-diones. 2,559,011, July 3.
Davies, Leonard J., Rugby, and E. J. G. Beeson, Southwell, England, assignors to General Electric Company. Electrode structure for electric discharge device. 2,579,109, Dec. 18.
Davies, Raymond G., Teddington, and R. W. Noad, New Malden, England, assignors to Shell Development Company, San Francisco, Calif. Grease compositions. 2,566,793, Sept. 4.
Davies, Raymond H., Sacramento, Calif. Paper holder and adjustable masking device for photocopying. 2,558,672, June 26.

Davies, Rhoslyn L., Willard, Ohio. Attachment for tractors. 2,554,900, May 29.
Davies, Robert H., Aurora Township, Portage County, assignor to The Parker Appliance Company, Cleveland, Ohio. Attachment for filling and draining fuel tanks. 2,548,354, Apr. 10.
Davies, Robert H., assignor to The Parker Appliance Company, Cleveland, Ohio. Fluid throttling valve. 2,541,464, Feb. 13.
Davies, Robert H., assignor to The Parker Appliance Company, Cleveland, Ohio. Remotely controlled reversing valve. 2,569,881, Oct. 2.
Davies, Thomas E., Birmingham, assignor to Dunlop Rubber Company Limited, London, England. Machine for facing tapered workshop elements of varying tapers and widths. 2,566,697, Sept. 4.
Davies, Wilfrid D.: *See*—
Coles, John H., and Davies.
Davis, Albert A., Alliance, Ohio. Hand truck. 2,554,091, May 22.
Davis, Alden B.: *See*—
Merrill, John B., and Davis.
Davis, Allan C., Baltimore, Md. Bottle crate shaker and cleaner. 2,549,062, Apr. 17.
Davis, Alto J., Montgomery, Ala. Expander ring for combustion engines. 2,569,601, Oct. 2.
Davis, Archibald H., Sandusky, T. Harris, East Cleveland, and E. C. Swilik, assignors to The Apex Electrical Mfg. Co., Cleveland, Ohio. Reversible motor controlled portable ironer with self-actuating clutch. 2,538,617, Jan. 16.
Davis, Archibald H., and C. N. Hay, Sandusky, assignors to The Apex Electrical Mfg. Co., Cleveland, Ohio. Dust separator. 2,542,634, Feb. 20.
Davis, Archibald H., and C. N. Hay, Sandusky, assignors to The Apex Electrical Mfg. Co., Cleveland, Ohio. Centrifugal dust separator. 2,542,635, Feb. 20.
Davis, Ariel R., Provo, Utah. Transformer. Re. 23,409, Sept. 11.
Davis, Arnold R., Riverside, and F. A. V. Sullivan, Darien, Conn., assignors to American Cyanamid Company, New York, N. Y. 2,2′-alkylene bis-4,6-dialkyl phenols as rubber stabilizers. 2,538,355, Jan. 16.
Davis, Arthur P., New York, N. Y., assignor to Arma Corporation. Gun control system. 2,577,650, Dec. 4.
Davis, Augustine, Jr., and J. A. Nichols, assignors to Davisbilt Steel Joist, Inc., Washington, D. C. Metal joist. 2,578,465, Dec. 11.
Davis, Austin E., and L. M. Perry, assignors to Nashua Gummed and Coated Paper Company, Nashua, N. H. Material suitable for decoration by stamping and making same. 2,545,918, Mar. 20.
Davis, Bayard C., Rockford, Ill. Triple-tool turning head. 2,559,950, July 10.
Davis, Bazil R., Youngstown, Ohio, assignor to Pannier Bros. Stamp Co., Pittsburgh, Pa. Sheet marking apparatus. 2,558,542, June 26.
Davis, Benjamin F., Arena, Wis., assignor to Wingfoot Corporation, Akron, Ohio. Handling cheese. 2,558,673, June 26.
Davis, Bernard D., New York, N. Y. Isolation of bacterial mutants. 2,571,115, Oct. 16.
Davis, Carl K.: *See*—
Gruenberg, Ivor J., and Davis.
Davis, Carroll V., Holabird, S. Dak. Fencing tool. 2,578,230, Dec. 11.
Davis, Casper A., Warren, Ohio. Trailer boat construction. 2,570,528, Oct. 9.
Davis, Charles B., Carson City, Nev. Fire control system. 2,560,091, July 10.
Davis, Charles C., West Los Angeles, Calif., assignor to Western Electric Company, Incorporated, New York, N. Y. Mounting a magnetic translating head. 2,550,916, May 1.
Davis, Charles C., West Los Angeles, Calif., assignor to Western Electric Company, Incorporated, New York, N. Y. Film driving apparatus. 2,562,379, July 31.
Davis, Charles C., West Los Angeles, Calif., assignor to Western Electric Company, Incorporated, New York, N. Y. Film tensioning apparatus. 2,570,773, Oct. 9.
Davis, Charles E., Muncie, Ind., assignor to Borg-Warner Corporation, Chicago, Ill. Transmission. 2,579,554, Dec. 25.
Davis, Charles S., Jr., Paterson, G. B. Du Bois, Radburn, and S. W. Baker, Paramus, N. J., assignors to Wright Aeronautical Corporation. Multispeed transmission. 2,558,738, July 3.
Davis, Chester L., assignor of one-half to C. E. Adkins, Coeburn, Va. Self-aligning rearview mirror mounting. 2,567,324, Sept. 11.
Davis, Christopher A., Barrow-on-Soar, near Loughborough, J. H. Bill, Alvaston, and F. W. W. Morley, Aston-on-Trent, assignors to Rolls-Royce Limited, Derby, England. Stator for axial compressors. 2,543,355, Feb. 27.
Davis, Christopher A., Barrow on Soar, assignor to Rolls-Royce Limited, Derby, England. Operating lever, particularly for use with the throttle valves for internal-combustion engines. 2,567,555, Sept. 11.
Davis, Cleatus S., deceased, Ontario, Calif.; K. Davis, executor of said C. S. Davis. Flexible coupling. 2,555,921, June 5.
Davis, Clyde O., Woodbury, and U. P. Jennings, Sewell, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Packing machine for molten materials. 2,540,610, Feb. 6.
Davis, Clyde W., and F. A. Ehlers, Antioch, and R. G. Ellis, Walnut Creek, Calif., assignors to The Dow Chemical Company, Midland, Mich. Manufacture of chlorine by oxidation of hydrogen chloride. 2,547,928, Apr. 10.
Davis, Cortland W.: *See*—
Engh, Walter B., and Davis.
Davis, Edward A., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Apparatus for cutting and stacking strip material. 2,538,191, Jan. 16.
Davis, Edward A., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Electrical branding tool. 2,541,214, Feb. 13.
Davis, Edward D., Chula Vista, Calif. Water color paint set. 2,565,912, Aug. 28.
Davis, Edward D., and J. E. Germain, Flin Flon, assignors to Hudson Bay Mining and Smelting Co., Limited, Winnipeg, Manitoba, Canada. Agitation of pulps and the like. 2,544,301, Mar. 6.
Davis, Edwin S.: *See*—
Harris, Herschel G., and Davis.
Davis, Ellis E., and W. M. Booth, Houston, Tex., assignors to Shell Development Company, San Francisco, Calif. Percussion drill. 2,559,012, July 3.
Davis, Enoch A., Seattle, Wash. Disk plow. 2,577,952, Dec. 11.
Davis, Ernest, assignor to The Prosperity Company, Inc., Syracuse, N. Y. Forming pressing elements for ironing machines. 2,537,746, Jan. 9.
Davis, Ernest, Syracuse, and W. F. Gayring, Minoa, assignors to The Prosperity Company, Inc., Syracuse, N. Y. Laundry washing apparatus. 2,540,431, Feb. 6.
Davis, Ernest W., River Forest, Ill. Lubricant pump. 2,543,231, Feb. 27.
Davis, Ernest W., River Forest, Ill., assignor to Oil-Rite Corporation, Milwaukee, Wis. Oiling device. 2,549,744, Apr. 17.
Davis, Ernest W., River Forest, assignor to Stewart-Warner Corporation, Chicago, Ill. Measuring valve. 2,550,535, Apr. 24.
Davis, Ernest W., River Forest, Ill. Measuring valve. 2,553,177, May 15.
Davis, Ernest W., River Forest, Ill. Valve mechanism for reciprocatory fluid pressure operated motors. 2,556,680, June 12.
Davis, Ernest W., River Forest, Ill. Lubricating apparatus. 2,561,785, July 24.
Davis, Ernest W., River Forest, Ill. Centralized lubricating system. 2,561,786, July 24.
Davis, Ernest W., River Forest, Ill. Coupler for lubricating apparatus. 2,578,517, Dec. 11.
Davis, Estella, assignee: *See*—
Turner, Blaine.
Davis, Eugene L., Alloway, N. J. Interlocking building slab. 2,544,983, Mar. 13.
Davis, Evan A.: *See*—
Manjoine, Michael J., and Davis.
Davis, Evan E., Chester, assignor to Sun Oil Company, Philadelphia, Pa. Deashing petroleum residua. 2,545,806, Mar. 20.
Davis, Francis J., Washington, D. C., and L. F. Curtiss, Garrett Park, Md., assignors to the United States of America as represented by the United States Atomic Energy Commission. Pulse amplitude discriminator. 2,551,529, May 1.
Davis, Francis W., Belmont, Mass. Retractable wheel support for luggage. 2,539,993. Jan. 30.
Davis, Frank L., College Point, N. Y. Adjustable cargo tie-down. 2,557,499, June 19.
Davis, Frank M., Cedar Rapids, Iowa, assignor to Collins Radio Company. Radio communication transmitting and receiving combination. 2,537,972, Jan. 16.
Davis, Frank M., deceased, Cedar Rapids, Iowa; by J. E. Davis, executrix, Cedar Rapids, Iowa, assignor to Collins Radio Co. Radio transmitting and receiving combination. 2,560,558, July 17.
Davis, Frank P., Alexandria, Va. Timing device. 2,551,100, May 1.
Davis, Frank P. C., Kelso, Wash. Insufflator. 2,570,774, Oct. 9.
Davis, Fred H., Hamilton, Ohio. Rack for holding offset master sheets. 2,561,501, July 24.
Davis, Fred H., Rock Island, Ill., assignor to J. I. Case Company, Racine, Wis. Oil pump assembly. 2,572,250, Oct. 23.
Davis & Geck, Inc., assignee: *See*—
Adams, Charles C.
Davis, George A., Mountain Lakes, N. J., assignor to Allied Chemical & Dye Corporation, New York, N. Y. Simultaneously firing a coke-oven battery with rich and lean fuel gases. 2,554,818, May 29.
Davis, George B., Jr.: *See*—
Roberts, Edgar C., and Davis.
Davis, George B., Jr., Green Acres, Md. Coffee maker. 2,567,187, Sept. 11.
Davis, George B., Jr., Green Acres, Md. Coffee maker. 2,567,188, Sept. 11.

Davis, George B., Jr., Green Acres, Md., assignor to the United States of America as represented by the Secretary of War. Barrel extension and coupling device for attachment to gun barrels. 2,543,766, Mar. 6.
Davis, George P., Durham, N. C. Finger nail clipper. 2,570,025, Oct. 2.
Davis, George W., Gibson City, Ill. Fish lure. 2,578,786, Dec. 18.
Davis, Glenn B., Columbus, Ohio, assignor to Curtiss-Wright Corporation. Deaerating tank. 2,556,319, June 12.
Davis, Harold G., Denver, Colo. Impeller for dishwashing machines. 2,567,509, Sept. 11.
Davis, Harold S., Riverside, Conn., assignor to American Cyanamid Company, New York, N. Y. Preparation of acetone cyanohydrin. 2,537,814, Jan. 9.
Davis, Harry I., assignor to Eastman Kodak Company, Rochester, N. Y. Recovering cellulose ester film scrap. 2,571,686, Oct. 16.
Davis, Henry M., State College, Pa., assignor to United States Steel Company. Cooling enameled steel after firing. 2,572,702, Oct. 23.
Davis, Henry R., Knoxville, Tenn. Electric combination cooker. 2,571,216, Oct. 16.
Davis, Herbert L., Walpole, Mass., asignor to The B. F. Goodrich Company, New York, N. Y. Shock damper for electromagnetic devices. 2,544,491, Mar. 6.
Davis, Hollis E., Abilene, Tex. Garment hanger rod. 2,558,717, July 3.
Davis, Hunt, Pittsburgh, assignor to Elliott Company, Jeannette, Pa. Air-cooled turbocharger. 2,578,785, Dec. 18.
Davis, Hyman R., Jackson Heights, N. Y. Fractionating tower. 2,578,925, Dec. 18.
Davis, Hyman R., Jackson Heights, and R. M. Santaniello, Brooklyn, assignors to The Lummus Company, New York, N. Y. Flue gas chilling. 2,580,375, Dec. 25.
Davis, James A.: *See*—
Herres, Schuyler A., and Davis.
Davis, James A., assignor to Economy Building Block Machine Co. Inc., Topeka, Kans. Mixing machine. 2,575,410, Nov. 20.
Davis, James E.: *See*—
Weidlich, William A., and Davis.
Davis, James K., assignor to Corning Glass Works, Corning, N. Y. Electrically conducting coating on glass and other ceramic bodies. 2,564,677, Aug. 21.
Davis, James W., Wilmington, and H. M. Spurlin, Marshallton, assignors to Hercules Powder Company, Wilmington, Del. Tall oil separation process. 2,558,543, June 26.
Davis, Jane E., executrix: *See*—
Davis, Frank M.
Davis, John C., and J. D., Royal Oak, Mich. Endless conveyer storage system. 2,576,107, Nov. 27.
Davis, John D.: *See*—
Davis, John C., and J. D.
Davis, John D., Dobbs Ferry, N. Y. Television reporting system. 2,567,189, Sept. 11.
Davis, John D., Charlestown, N. H., assignor to The Fellows Gear Shaper Company, Springfield, Vt. Work loading means for machine tools. 2,543,834, Mar. 6.
Davis, John J., Lacombe, La. Shaft seal. 2,538,672, Jan. 16.
Davis, John O., assignee: *See*—
Leeds, John C.
Davis, John V., assignor to The Udylite Corporation, Detroit, Mich. Electrical contact mechanism for plating machines. 2,539,898, Jan. 30.
Davis, John W. El Monte, Calif. Walk-in bath tub and mounting therefor. 2,536,540, Jan. 2.
Davis, Kenneth, executor: *See*—
Davis, Cleatus S.
Davis, Kenneth J.: *See*—
Austin, Donald D., Sr., and Davis.
Davis, Kenneth T., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Pin hold-down mechanism. 2,554,664, May 29
Davis, Kingsbury H., Bernardsville, and R. K. Potter, Madison, N J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Voice-operated system. 2,575,909, Nov. 20.
Davis, Lewis, Worcester, assignor to McLaurin-Jones Co., Brookfield, Mass. Decalcomania paper. 2,561,976, July 24.
Davis, Lewis H., Wayne, and S. I. Tourshou, Philadelphia, Pa., assignors to Radio Corporation of America. Positioning structure for cathode-ray tubes. 2,551,790, May 8.
Davis, Lewis R., Oakland, and E. Lester, Arcata, Calif. Newspaper vending machine. 2,579,068, Dec. 18.
Davis, Lincoln K.: *See*—
Tindal, Charles H., and Davis.
Davis, Lincoln K., Brockton, Mass. Warpable frame actuating device for use with electric switches and the like. 2,545,264, Mar. 13.
Davis, Luther C., Thomaston, Ga. Foldable toilet brush. 2,566,442, Sept. 4.
Davis, Marion A., Los Angeles, Calif. Spirit level. 2,541,215, Feb. 13.
Davis, Marion E., Jacksonville, Fla. Automobile master brake cylinder tool. 2,537,515, Jan. 9.
Davis, Martin E., and C. L. Poland, Houston, Tex. Wrench for turning flanged pipes. 2,565,066, Aug. 21.
Davis, Myrtle L., administratrix: *See*—
Davis, William L.
Davis, Norman E., Chelmsford, England, assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. High-frequency wide band coupling transformer. 2,570,650, Oct. 9.
Davis, Norton J., Springer, N. Mex. Framing cant hook. 2,539,231, Jan. 23.
Davis, Orris L., and H. S. Knight, Berkeley, and J. R. Skinner, assignors to Shell Development Company, San Francisco, Calif. Production of halohydrin ethers of phenols. 2,571,217, Oct. 16.
Davis, Oscar N., Wichita, Kans. Wing-mounted jet propulsion system for aircraft. 2,553,443, May 15.
Davis, Otis I., Mobile, Ala. Sign. 2,560,719, July 17.
Davis, Ralph B., Prestonsburg, Ky. Sounding attachment. 2,557,263, June 19.
Davis, Ralph E., Milwaukee, Wis. Sacroiliac belt. 2,543,095, Feb. 27.
Davis, Rane W., Washington, D. C. Spectacles having ornamental detachable frames. 2,555,578, June 5.
Davis, Raymond E., Berkeley, Calif. Concrete structure and making same. 2,546,982, Apr. 3.
Davis, Raymond L., II: *See*—
Besselman, Wayne L., and Davis, II.
Davis Regulator Company, assignee: *See*—
Hachmeister, George J.
Davis, Richard H., assignor to Lincoln Iron Works, Rutland, Vt. Machine for grinding and polishing blocks of stone. 2,569,291, Sept. 25.
Davis, Robert F., Falls Chuch, Va. Tobacco box with time controlled latch. 2,554,360, May 22.
Davis, Robert J., Taft, Kern County, Calif. Ignition system. 2,555,922, June 5.
Davis, Robert S., Ajo, Ariz., assignor of one-half to R. E. Edgington, Cleveland, Ohio. Combination cooking and serving unit. 2,550,108, Apr. 24.
Davis, Roger H., St. Paul, Minn. Shoe clamping device. 2,566,656, Sept. 4.
Davis, Ronald F., assignor to Northwestern Steel and Wire Company, Sterling, Ill. Power factor sensitive relay. 2,558,609, June 26.
Davis, Russell S., assignor to Bulldog Electric Products Company, Detroit, Mich. Circuit breaker. 2,563,103, Aug. 7.
Davis, Samuel J., and J. J. Colvin, assignors to Callaway Mills Company, La Grange, Ga. Fabric sectioning device. 2,556,681, June 12.
Davis, Vincent C., Oakland, assignor to California Research Corporation, San Francisco, Calif. Water detector alarm circuit for lubricating systems. 2,552,088, May 8.
Davis, Walter C., Haverford Township, Delaware County, Pa., assignor to The Sharples Corporation. Apparatus and process for feeding slurry. 2,566,174, Aug. 28.
Davis, Wesley C., Iron Mountain, Mich. Sawmill drive. 2,543,278, Feb. 27.
Davis, Wiley V., Azusa, Calif. Cartridge holding box. 2,560,417, July 10.
Davis, Wilfred O., assignor to S. Smith & Sons (England) Limited, London, England. Mounting instruments. 2,548,954, Apr. 17.
Davis, William L., deceased, assignor of one-fourth to C. T. Saunders, Norfolk, Va.; M. L. Davis, administratrix. Hydraulic brake twin-cylinder compressor. 2,559,850, July 10.
Davis, William T., Roseland, N. J., assignor to Air Reduction Company, Incorporated. Facilitating the removal of beads that adhere to ferrous metal cut thermochemically. 2,541,344, Feb. 13.
Davis, William W., Greenwood, and T. V. Parke, assignors to Eli Lilly and Company, Indianapolis, Ind. Capillary tube handling and projecting apparatus. 2,544,629, Mar. 6.
Davis, Wynn & Andrews Limited, assignee: *See*—
Andrews, Thomas D. H.
Davisbilt Steel Joist, Inc., assignee: *See*—
Davis, Augustine, Jr., and Nichols.
Davison Chemical Corporation, The, assignee: *See*—
Fox, Mary C., and Howes.
Pryor, James N.
Davison, John A., Waldwick, N. J., assignor to United States Rubber Company, New York, N. Y. Acrylonitrile-isobutylene copolymer synthetic resin latex. 2,575,750, Nov. 20.
Davison, John A., Passaic, and W. R. Dunn, West Englewood, N. J., assignors to United States Rubber Company, New York, N. Y. Aqueous emulsion polymerization with low initial soap concentration. 2,579,908, Dec. 25.
Davitt, Ralph L., assignor of ninety per cent to V. S. Brewer, Des Moines, and five per cent to B. G. Hayes, Charles City, Iowa. Form for precast concrete structural floor sections. 2,555,028, May 29.
Davos Products Co., assignee: *See*—
Denzler, Berthold.
Davy and United Engineering Company, Limited, assignee: *See*—
Marshall, Alec F., and Rees.
Russell, Robert G.
Dawe, Albert J., assignor to Allen-Bradley Company, Milwaukee, Wis. Time interval circuit. 2,567,473, Sept. 11.

Dawe, Charles N., Detroit, Mich., assignor to Vanadium Corporation of America, New York, N. Y. Addition alloy for treatment of steel. 2,579,369, Dec. 18.
Dawes, Chester L., trustee, assignee: *See*—
Mansfield, William R., and Hughes.
Dawes, Leslie J.: *See*—
Livers, Carlos B., and Dawes.
Dawkins, Kenneth: *See*—
Brown, Frank M., and Dawkins.
Dawley, Clarence E., and J. E. Schiveree, Bloomfield, N. J., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Cooling device. 2,565,722, Aug. 28.
Dawley, Leonard, Collins, N. Y. Auxiliary light for automobiles. 2,579,653, Dec. 25.
Dawsey, Lynn H., C. K. Muehlhausser, and R. R. Umhoefer, Kenmore, assignors to Buffalo Electro-Chemical Company, Inc., Tonawanda, N. Y. Producing hydrogen peroxide by the alternate reduction and oxidation of alkylated anthraquinones. 2,537,516, Jan. 9.
Dawsey, Lynn H., C. K. Muehlhausser, and R. R. Umhoefer, Kenmore, assignors to Buffalo Electro-Chemical Company, Inc., Tonawanda, N. Y. Auto-oxidation of alkylated anthraquinones. 2,537,655, Jan. 9.
Dawson, Arthur L. B.: *See*—
Yates, John E. N., Dawson, and Meredew.
Dawson, Edward, New York, N. Y., assignor to The Sperry Corporation. Fluid-control valve. 2,547,929, Apr. 10.
Dawson, Emma R., assignee: *See*—
Smith, Samuel H.
Dawson, Ernest D., Camden, N. J., assignor to Radio Corporation of America. Radio tuning drive mechanism. 2,557,217, June 19.
Dawson, John H., Rockville, Md. Top actuated racing game device. 2,540,865, Feb. 6.
Dawson, John W., Philadelphia, and W. J. Croxall, Bryn Athyn, assignors to Rohm & Haas Company, Philadelphia, Pa. Hexachloroendomethylenedialkoxytetrahydroindanes. 2,562,893, Aug. 7.
Dawson, John W., West Newton, assignor to Raytheon Manufacturing Company, Newton, Mass. Gyroscopic device. 2,539,363, Jan. 23.
Dawson, John W., West Newton, assignor, by mesne assignments, to Raytheon Manufacturing Company, Newton, Mass. Position stabilizing device. 2,539,772, Jan. 30.
Dawson, John W., West Newton, and D. P. Faulk, Waltham, assignors to Raytheon Manufacturing Company, Newton, Mass. Electronic timing system. 2,560,720, July 17.
Dawson, Joseph A., Portland, Oreg. Industrial handle for Jacob's chuck key. 2,551,366, May 1.
Dawson, Leslie H.: *See*—
Rust, Noël M., and Dawson.
Dawson, Robert A., Montreal, Quebec, Canada, assignor to Western Precipitation Corporation, Los Angeles, Calif. Apparatus for rapping electrodes in electrical precipitators. 2,552,771, May 15.
Dawson, Samuel E., Fairway Hills, Md. Magnetoelectric transducer for measurement of velocity and related values. 2,557,080, June 19.
Dawson, William O.: *See*—
Sellet, Lucien, and Dawson.
Dawson, William O., Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Bleaching and filling leather with amino-carboxylic acid-methylol melamine resin. 2,550,638, Apr. 24.
Dawson, William O., Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Bleaching and filling leather with amino-sulfonic acid-methylol melamine type resins. 2,550,639, Apr. 24.
Day, Barbara O. W., executrix: *See*—
Hoeber, Harold.
Day, Bernard C., assignor to Bryant Chucking Grinder Company, Springfield, Vt. Chuck for internal grinding. 2,553,178, May 15.
Day, Chalmers H.: *See*—
Mankowich, Ivan, and Day.
Day, Dewey D., assignor to The Murray Company of Texas, Inc., Dallas, Tex. Air blast cotton gin. 2,564,883, Aug. 21.
Day, Harold M.: *See*—
Jayne, David W., Jr., and Day.
Jayne, David W., Day, and Gieseke.
Day, Harold M., Cos Cob, and A. C. Wrotnowski, Jr., Greenwich, Conn., assignors to American Cyanamid Company, New York, N. Y. Demineralization of sucrose solutions by ion exchange. 2,560,504, July 10.
Day, Harold M., Stamford, and M. H. Bradley, Bridgeport, Conn., assignors to American Cyanamid Company, New York, N. Y. Reacting salts of phenols with haloalkanoic acid compounds. 2,541,003, Feb. 6.
Day, Herbert O., Bowling Green, Ohio. Dumping mechanism for mobile loading apparatus. 2,542,799, Feb. 20.
Day, Herbert O., Bowling Green, Ohio. Stiffener for hydraulic cylinders. 2,569,038, Sept. 25.
Day, Hobart M. and G. H. Urban, Wausau, Wis. Insulated building structure. 2,565,206, Aug. 21.
Day, James R., Peconic, N. Y. Sawtooth frequency modulator. 2,566,826, Sept. 4.
Day, Joseph J., assignee: *See*—
Serge, Igor B.
Day, Joseph M., West Haven, Conn., assignor to American Machine & Foundry Company. Heating system. 2,516,840, June 12.
Day, Lamar L., assignee: *See*—
Day, Leslie.
Day, Leo and L. A., New York, N. Y. Curtain rod mounting. 2,563,009, Aug. 7.
Day, Leslie, Chicago, Ill., assignor of one-half to L. L. Day, St. George, N. Y. Electric switch. 2,536,914, Jan. 2.
Day, Leslie, Chicago, Ill., assignor of one-half to L. L. Day, St. George, N. Y. Connector for electric circuits. 2,555,683, June 5.
Day, Lillian A.: *See*—
Day, Leo and L. A.
Day, Orville E., Philadelphia, Pa. Tactual micrometer. 2,560,850, July 17.
Day, Wilbur M., Kenwood, assignor to The Baldwin Company, Cincinnati, Ohio. Fall board mechanism. 2,554,665, May 29.
Day, William M.: *See*—
Resek, Marc, Day, and Kirkpatrick.
Day-Brite Lighting, Inc., assignee: *See*—
Kaeppel, Bertram A.
Dayger, Jonas E., Binghamton, N. Y., and A. N. Miller, Hallstead, Pa., assignors to International Business Machines Corporation, New York, N. Y. Record controlled printing machine with checking device to control accumulator entries. 2,536,915, Jan. 2.
Dayger, Jonas E., Binghamton, O. B. Shafer, Owego, N. Y., and A. N. Miller, Hallstead, Pa., assignors to International Business Machines Corporation, New York, N. Y. Dual record feeding device. 2,555,732, June 5.
Dayger, Jonas E., Binghamton, and E. M. Hollis, Owego, assignors to International Business Machines Corporation, New York, N. Y. Paper feeding mechanism. 2,566,932, Sept. 4.
Dayger, Jonas E., and F. S. Huling, Binghamton, assignors to International Business Machines Corporation, New York, N. Y. Record controlled bill printing device. 2,573,313, Oct. 30.
Dayger, Jonas E., Binghamton, O. B. Shafer, Owego, and A. E. Gray, Binghamton, assignors to International Business Machines Corporation, New York, N. Y. Combination of card controlled machines. 2,573,312, Oct. 30.
Daying, B. C., assignee: *See*—
Platzer, George E
Dayton, Carl S., Bridgeport, Conn., assignor to General Electric Company. Thermal motor. 2,539,185, Jan. 23.
Dayton, Charles S.: *See*—
Haywood, Gerald, and Dayton.
Dayton, James A., Litchfield, and W. C. Staire, assignors to The Turner & Seymour Mfg. Co., Torrington, Conn. Apparatus for making tuft buttons and the like. 2,561,912, July 24.
Dayton, Max E., and C. R. Polstra, assignors to Dayton Products Corp., Rockford, Ill. Bumper attachment. 2,542,907, Feb. 20.
Dayton Products Corp, assignee: *See*—
Dayton, Max E., and Polstra.
Dayton Pump and Manufacturing Company, The, assignee: *See*—
Eickmeyer, Earl E.
Eickmeyer, Earl E., and Butler.
Von Rotz, Robert.
Wolfe, Harley H.
Wolfe, H. Hix.
Wolfe, H. Hix, and Butler.
Dayton, Ralph O.: *See*—
Gradle, Jesse J., and Dayton.
Dayton Rubber Company, The, assignee: *See*—
Crosby, Melvin A.
Crosby, Melvin A., and Luaces.
Freedlander, Abraham L.
Howell, Emory L.
Treue, Robert C.
McKinley, James G.
Dayton Steel Foundry Company, The, assignee: *See*—
Walther, Daniel A.
Dayton, Theodore S., Portland, Oreg. Trigger for rifles. 2,557,415, June 19.
Dazeley, Walter E.: *See*—
Lombard, Adrian A., and Dazeley.
Dazeley, Walter E., Twiston, near Clitheroe, assignor to Rolls-Royce Limited, Derby, England. Profiling turbine and compressor-blading. 2,575,865, Nov. 20.
Dazey Corporation, assignee: *See*—
Kublin, Fred W.
Dazzi, Joachim, Dayton, Ohio, assignor to Monsanto Chemical Company, St. Louis, Mo. Vinyl chloride resins plasticized with chloro phenoxy acetates. 2,559,146, July 3.
Dazzi, Joachim, Dayton, Ohio, assignor to Monsanto Chemical Company, St. Louis, Mo. Plasticized polyvinyl halides. 2,563,312, Aug. 7.
Dazzi, Joachim, Dayton, Ohio, assignor to Monsanto Chemical Company, St. Louis, Mo. Plasticized polyvinyl halides. 2,563,313, Aug. 7.
Dazzi, Joachim, Dayton, Ohio, assignor to Monsanto Chemical Company, St. Louis, Mo. Resinous compositions from alkyl mercapto ethyl alcohols. 2,563,586, Aug. 7.
Dazzi, Joachim, Dayton, Ohio, assignor to Monsanto Chemical Company, St. Louis, Mo. Vinyl chloride polymers plasticized with esters of (1′,2′-dicarboxyethyl)octadecenoic acid. 2,569,404, Sept. 25.

Dazzi, Joachim, Dayton, Ohio, assignor to Monsanto Chemical Company, St. Louis, Mo. Vinyl chloride polymers plasticized with esters of (1′,2′-dicarboxyethyl)undecylenic acid. 2,569,405, Sept. 25.

Dazzi, Joachim, Dayton, Ohio, assignor to Monsanto Chemical Company, St. Louis, Mo. Vinyl chloride polymers plasticized with alkoxyethyl esters of (1′,2′-dicarboxyethyl)octadecenoic acid. 2,569,406, Sept. 25.

Dazzi, Joachim, Dayton, Ohio, assignor to Monsanto Chemical Company, St. Louis, Mo. Vinyl chloride polymers plasticized with alkoxyethyl esters of (1′,2′-dicarboxyethyl)undecylenic acid. 2,569,407. Sept. 25.

D'Azzo, Errol P., Brooklyn, N. Y. Awning box. 2,576,391, Nov. 27.

D'Azzo, Errol P., New York, N. Y. Store awning. 2,547,692, Apr. 3.

D'Azzo, Errol P., New York, N. Y. Store front and awning assembly device. 2,547,693, Apr. 3.

D'Azzo, Errol P., New York, N. Y. Offset gooseneck mounting for awnings. 2,567,424, Sept. 11.

Deacon Products, Incorporated, assignee: *See*—
Benck, Leslie W.

Deacon, Walter K., United States Navy. Ram jet fuel metering unit. 2,566,319, Sept. 4.

Deacon, Walter K., U. S. Navy. Ram air operated fuel pump. 2,550,678, May 1.

Deahl, Robert B., Goshen, Ind. Colostomy device. 2,540,777, Feb. 6.

Deahl, Thomas J., F. H. Stross, and M. D. Taylor, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Production of secondary aromatic amines. 2,580,284, Dec. 25.

Deakin, Gerald, assignor to International Standard Electric Corporation, New York, N. Y. Reciprocatory driving mechanism. 2,542,997, Feb. 27.

Deakin, Gerald, assignor to International Standard Electric Corporation, New York, N. Y. Matched potential control system. 2,542,998, Feb. 27.

Deakin, Gerald, assignor to International Standard Electric Corporation, New York, N. Y. Telecommunication system. 2,542,999, Feb. 27.

Deakin, Gerald, assignor to International Standard Electric Corporation, New York, N. Y. Plug-in relay. 2,543,000, Feb. 27.

Deakin, Gerald, assignor to International Standard Electric Corporation, New York, N. Y. Automatic brush spring adjuster. 2,557,947, June 26.

Deakin, Gerald, assignor to Internationl Standard Electric Corporation, New York, N. Y. Coupling device. 2,559,600, July 10.

Deakin, Gerald, assignor to International Standard Electric Corporation, New York, N. Y. Automatic selector control system. 2,559,601, July 10.

Deakin, Gerald, assignor to International Standard Electric Corporation, New York, N. Y. Selective switch. 2,565,480, Aug. 28.

Deakin, Gerald, assignor to International Standard Electric Corporation, New York, N. Y. Telephone exchange system. 2,567,190, Sept. 11.

Deakin, Gerald, assignor to International Standard Electric Corporation, New York, N. Y. Second test circuit for selector wipers. 2,570,214, Oct. 9.

Deakin, Gerald, assignor to International Standard Electric Corporation, New York, N. Y. Selector switch brush unit assembly. 2,577,742, Dec. 11.

Deakin, Stanley T., Ewell, assignor to British Mechanical Productions Limited, London, England. Resilient electric socket contact element. 2,575,161, Nov. 13.

Deal, Erastus C., Rye, assignor to Deal Slide-Lock Devices, Inc., New York, N. Y. Adjustable locking device. 2,574,535, Nov. 13.

Deal, Harmon B.: *See*—
Rankin, John A., Alexander, and Deal.

Deal Slide-Lock Devices, Inc., assignee: *See*—
Deal, Erastus C.

Dean, Albert G.: *See*—
Mayer, John J., and Dean.

Dean, Albert G., Narberth, assignor to The Budd Company, Philadelphia, Pa. Equalizer beam for railway trucks. 2,560,505, July 10.

Dean, Albert G., Narberth, assignor to The Budd Company, Philadelphia, Pa. Trap-door latch operating means. 2,561,651, July 24.

Dean, Albert G., Narberth, assignor to The Budd Company, Philadelphia, Pa. Underframe and adjoining side wall structure of railway cars and similar vehicles. 2,565,678, Aug. 28.

Dean, Charles W., Denver, Colo. Flexible belt. 2,540,245, Feb. 6.

Dean, David M., assignor of one-half to A. Leibowitz, Chicago, Ill. Fishing pole construction. 2,575,049, Nov. 13.

Dean, Dion K., Rahway, N. J., assignor to Foster Wheeler Corporation, New York, N. Y. Continuous distillation and treatment of composite liquids. 2,543,001, Feb. 27.

Dean, George A., Radburn, N. J., assignor to Curtiss-Wright Corporation. Temperature responsive coupling means for relatively rotatable conduit sections. 2,559,851, July 10.

Dean, George H., Norwood, R. I. Jack column construction. 2,544,780, Mar. 13.

Dean, George H., Warwick, R. I. Fuel oil filler and vent unit. 2,564,962, Aug. 21.

Dean, John H., Rochester, N. Y. Luminous fishing float. 2,547,308, Apr. 3.

Dean, John J., Pomona, Calif. Air cooler. 2,576,503, Nov. 27.

Dean, John N., Brasted, and E. W. Smith, Beechcroft, Chislehurst, assignors to The Telegraph Construction and Maintenance Company Limited, London, England. High-frequency coaxial cable having a double layer inner conductor. 2,540,164, Feb. 6.

Dean, Maxwell O., Morgantown, W. Va., assignor to Joy Manufacturing Company. Apparatus for hydraulic motor control. 2,578,676, Dec. 18.

Dean, Reginald S., assignee: *See*—
Moss, Hanson C.

Dean, Sebren B., Huntington, W. Va. Invalid lift and transfer device. 2,565,761, Aug. 28.

Dean, Walter B., Narberth, Pa., assignor, by mesne assignments, to Heywood-Wakefield Company, Gardner, Mass. Adjustable seat. 2,547,446, Apr. 3.

Dean, Walter B., Narberth, and R. J. Theriault, Glenside, assignors to The Budd Company, Philadelphia, Pa. Railway car end arrangement. 2,562,448, July 31.

Dean, Walter N.: *See*—
Isbister, Eric J., Stearns, and Dean.

Dean, Walter N., Larchmont, and J. C. Rundlett, Pelham Manor, N. Y., assignors to The Sperry Corporation. Radar indication system. 2,537,973, Jan. 16.

Dean, Walter N., Washington, D. C., and J. C. Rundlett, Flushing, N. Y., assignors to The Sperry Corporation. Automatic gain-control system for radar direction indicators. 2,552,527, May 15.

Dean, Walter N., Larchmont, and L. P. Mautner, Bronx, N. Y., assignors to the United States of America as represented by the Secretary of the Navy. Pulse lengthening circuit. 2,566,827, Sept. 4.

Dean, William H., Middleton Saint George, Darlington, England. Power-operated portable tool. 2,580,158, Dec. 25.

Dean, William W. H., Pointe Claire, Quebec, Canada, assignor to Radio Corporation of America. Peak clipper. 2,555,533, June 5.

Deane, John, assignor of 40 per cent to S. Lucas, San Francisco, Calif. Composition for making acoustic material. 2,580,076, Dec. 25.

Deanesly, Richard M., Hinsdale, assignor to Universal Oil Products Company, Chicago, Ill. Preparation of fine powders from gel materials. 2,572,321, Oct. 23.

De Angelis, Arthur J., Norwood, N. J., and F. W. See, Bronx, assignors to S. Briskman, New York, N. Y. Pinking shears. 2,564,251, Aug. 14.

De Angelis, Joseph B., Trenton, N. J. Fastening device for sheet material. 2,570,326, Oct. 9.

De Anguera, Eva, assignee: *See*—
De Anguera, Philip.

De Anguera, Philip, assignor to E. de Anguera, Cincinnati, Ohio. Pin inserting machine for making structural units. 2,567,191, Sept. 11.

Deans, Ralph S., Abbeville, S. C., and A. B. Cottrill, East Akron, Ohio. Building block lifting tool. 2,541,863, Feb. 13.

Deans, Sidney A. V., Rosemount, and J. A. Scarrow, Rosemere, assignors to Ayerst, McKenna & Harrison, Limited, Ville St., Laurent, Quebec, Canada. p-Aminobenzoyldiethyl aminoethanol salts of steroids 3-monosulphates. 2,555,579, June 5.

Dear, Alexander T. C., assignor to J. Brockhouse & Company Limited, West Bromwich, England. Ball-and-socket coupling. 2,549,178, Apr. 17.

Dearborn Chemical Company, assignee: *See*—
Frank, Harry E., and Hanson.
Gunderson, Lewis O.

Dearborn, Henry C., United States Navy. Gasoline operated pneumatic tool. 2,560,559, July 17.

Dearborn, Howard K., Cleveland, Ohio. Center. 2,547,858, Apr. 3.

Dearborn, John W., Ansonia, Conn. Work-holding fixture. 2,573,410, Oct. 30.

Dearborn Motors Corporation, assignee: *See*—
Ford, Alfred.
Richey, Clarance B.

Dearborn Stove Company, assignee: *See*—
Shapiro, Eli.

Deardorff, Clinton E., San Fernando, and A. A. Meddock, North Hollywood, Calif., assignors to Bendix Aviation Corporation, South Bend, Ind. Valve actuating mechanism for hydraulic motors. 2,541,958, Feb. 13.

Deardorff, Dwight L.: *See*—
Harvey, Adelbert W., and Deardorff.

Dearsley, George, assignor to Molins Machine Company Limited, London, England. Tobacco cutting machine. 2,546,727, Mar. 27.

Dearsley, George, Scarsdale, N. Y., assignor to American Machine & Foundry Company. Paster for cigarette making machines. 2,549,579, Apr. 17.

Dearsley, George, Scarsdale, N. Y., assignor to Molins Machine Company Limited, London, England. Apparatus for supplying cigarettes to packing machines. 2,574,628, Nov. 13.

Deatherage, Fred E.: *See*—
Harsham, Albert, and Deatherage.

Deaton, Charles U., Centralia, assignor to McStay Jackson Co., Chicago, Ill. Hinged container. 2,555,473, June 5.

Deaver, Lloyd N. M. I.: *See*—
Wicks, John D., and Deaver.
De Back, William, assignor to Food Machinery and Chemical Corporation, San Jose, Calif. Sludge and condensate discharge for steam peelers. 2,567,103, Sept. 4.
De Baufre, William L., Lincoln, Nebr. Process and apparatus for extracting oxygen from atmospheric air. 2,568,223, Sept. 18.
De Baun, James R., Greenvale, N. Y., assignor to Radio Corporation of America. Electrical timing comparator circuit. 2,570,775, Oct. 9.
De Beaumont, Henry M. D. B., Civray-sur-Cher Via Francueil, assignor of one-half to Etablissements Edgar Brandt, Paris, (Seine), France. Viscosity measuring means. 2,568,793, Sept. 25.
De Beauregard, Amédée C., assignor to Specialties, Inc., Syosset, N. Y. Winding machine. 2,569,657, Oct. 2.
De Beauregard, Amédée C., Paris, France, assignor to Specialties, Inc., Syosset, N. Y. Variable-speed control device. 2,569,658, Oct. 2.
De Beauvais, Pierre, Paris, France. Socket contact with resilient inserts. 2,546,061, Mar. 20.
De Becze, George I., Cincinnati, H. N. Moore, North College Hill, and E. Schraffenberger, Cincinnati, Ohio, assignors to Schenley Industries, Inc. Increasing the riboflavin content of liquid biologically active or nutritive materials. 2,543,897, Mar. 6.
Debeh, Ali, Lake Forest, Ill. Battery. 2,539,946, Jan. 30.
De Bell, George W., Stamford, Conn. Machine for making hollow plastic articles. 2,573,693, Nov. 6.
De Bell & Richardson, Inc., assignee: *See*—
Richardson, Henry M., and Wiley.
De Benedictis, Aldo, Berkeley, S. A. Ballard, Orinda, and G. W. Hearne, Lafayette, assignors to Shell Development Company, San Francisco, Calif. Hydrolysis of hydrocarbon halides. 2,572,251, Oct. 23.
Debenham, William R., and J. C. Shenton, Farnborough, England. Electrical ignition system. 2,551,101, May 1.
De Benneville, Peter L., assignor to Rohm & Haas Company, Philadelphia, Pa. Bis-quaternary ammonium compounds. 2,560,280, July 10.
De Benneville, Peter L., assignor to Rohm & Haas Company, Philadelphia, Pa. Reduction of enamines. 2,578,787, Dec. 18.
De Benneville, Peter L., assignor to Rohm & Haas Company, Philadelphia, Pa. Preparation of β-tertiary aminoacrylic esters from alkoxyacrylic esters. 2,578,788, Dec. 18.
De Benneville, Peter L., Philadelphia, Pa., and L. H. Bock, Shelton, Wash., assignors to Rohm & Haas Company, Philadelphia, Pa. Quaternary salts-alkylbenzyl alkyl dimethyl ammonium halides. 2,569,408, Sept. 25.
De Benneville, Peter L., and C. L. Levesque, assignors to Rohm & Haas Company, Philadelphia, Pa. Amide-linked bis-quaternary ammonium compounds. 2,569,409, Sept. 25.
De Benneville, Peter L., Philadelphia, Pa., and L. H. Bock, Shelton, Wash., assignors to Rohm & Haas Company, Philadelphia, Pa. Bis (alkylbenzyl) dimethyl ammonium halides. 2,569,803, Oct. 2.
Debing, Lawrence M.: *See*—
Barkhuff, Raymond A., Jr., and Debing.
Debing, Lawrence M., Springfield, Mass., assignor to Monsanto Chemical Company, St. Louis, Mo. Abrasive mix. 2,563,774, Aug. 7.
Debing, Lawrence M., Springfield, Mass., assignor to Monsanto Chemical Company, St. Louis, Mo. Aluminum articles coated with heat-sealable composition. 2,566,794, Sept. 4.
Debing, Lawrence M., Springfield, and R. M. Huck, Longmeadow, Mass., assignors to Monsanto Chemical Company, St. Louis, Mo. Alkali resistant phenolic molding powders and laminate. 2,542,484, Feb. 20.
Debo, Delmer G.: *See*—
Bissell, William W., and Debo.
De Boer, Jan, and G. Schenkel, Eindhoven, Netherlands, assignors to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Electroacoustic transducer. 2,549,963, Apr. 24.
De Boer, Kornelis, Eindhoven, Netherlands, assignor to Hartford National Bank & Trust Co., Hartford, Conn., as trustee. Apparatus for stereophonic sound reproduction. 2,547,447, Apr. 3.
De Boer, Kornelis, and A. T. van Urk, Eindhoven, Netherlands, assignors to Hartford National Bank & Trust Co., Hartford, Conn., as trustee. Device for the stereophonic recording of sound vibrations. 2,563,010, Aug. 7.
De Bois, Thomas C., Sewell, N. J. Gun mount. 2,554,019, May 22.
De Boo, Jerome L., assignor to Teletype Corporation, Chicago, Ill. Perforating apparatus. 2,545,198, Mar. 13.
De Bothezat, George, deceased, by W. Washburn, coexecutor, New York, and J. R. de Bothezat, coexecutrix, Larchmont, assignors to Helicopter Corporation of America, Flushing, N. Y. Control and support connection for helicopter rotor systems. 2,569,882, Oct. 2.
De Bothezat, Julia R., co-executrix: *See*—
De Bothezat, George.
Debouttéville, Marcel D., Neuilly-sur-Seine, France. Device for the manufacture of artificial fibers. 2,549,179, Apr. 17.
De Bray, Glenn L., and A. Morgan, Los Angeles, Calif. Pessary and manipulating handle assembly. 2,540,325, Feb. 6.
De Brey, Heinrich: *See*—
Rinia, Herre, and de Brey.
Rinia, Herre, de Brey, and van Heeckeren.
Rinia, Herre, de Brey, and van Weenen.
De Brey, Heinrich, and F. L. van Weenen, Eindhoven, Netherlands, assignors to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Hot gas piston apparatus with flexible crank coupling. 2,567,637, Sept. 11.
Debrie, André V. L. C., Paris, France. Film feeding mechanism. 2,553,898, May 22.
De Bruijn, Hendrik: *See*—
Plusje, Mathijs H. R. J., and de Bruijn.
De Bruijn, Hendrik, Geleen, and M. H. R. J. Plusje, Beek, assignors to De Directie van de Staatsmijnen in Limburg, Heerlen, Netherlands. Production of phosphate materials. 2,555,634, June 5.
De Bruijn, Paulus H., Geleen, assignor to De Directie van de Staatsmijnen in Limburg, Heerlen, Netherlands. Recovery of carbazole. 2,575,314, Nov. 13.
Debs, Jerome H.: *See*—
Langel, Adrien L., and Debs.
Debye, Peter J. W., Ithaca, N. Y. Method of and apparatus for effecting thermal diffusion. 2,567,765, Sept. 11.
De Camp, Ray E., Glendale, assignor, by mesne assignments, to Consolidated Western Steel Corporation, Los Angeles, Calif. Door and operating mechanism therefor. 2,553,637, May 22.
De Camp, Ray E., Glendale, and R. Hereford, Pasadena, assignors, by mesne assignments, to Consolidated Western Steel Corporation, Los Angeles, Calif. Sliding door operating mechanism. 2,577,878, Dec. 11.
De Carolis, Carmela, Brookline, Mass. Hair net device. 2,156,576, June 12.
De Castro, Arthur, Irvington, and C. E. Retzsch, Bloomfield, assignors to Nopco Chemical Company, Harrison, N. J. Compositions for treating leather and textiles. 2,555,684, June 5.
Decatur Pump Company, assignee: *See*—
Burks, Arthur W.
Decca Record Company, Limited, The, assignee: *See*—
Fennessy, Edward.
O'Brien, William J.
De Cesare, Victor: *See*—
Saari, Mathew, and De Cesare.
Decesare, William F.: *See*—
Tirocchi, Louis W., and Decesare.
De Cew, Judson A., Mount Vernon, N. Y. Deaeration of paper making fibers. 2,571,219, Oct. 16.
Decker, Donald P., Belmont, Mass. Radio operated fire alarm. 2,566,121, Aug. 28.
Decker, Edward O.: *See*—
Pace, Charles N., and Decker.
Decker, Elizabeth C., Los Angeles, Calif. Food container and cooler. 2,537,656, Jan. 9.
Decker, George A., Fenton, assignor to Link Aviation Inc., Binghamton, N. Y. Simulated radio direction finding means for aviation trainers. 2,559,039, July 3.
Decker, Jacob: *See*—
Alt, Alvin F., and Decker.
Decker, William E., Wakefield, Mass. Pearl essence and manufacture. 2,555,224, May 29.
Deckert, Walter T. M., Buenos Aires, Argentina. Obtaining highly concentrated alkaloid extracts from papaver somniferum. 2,565,067, Aug. 21.
Decora Corporation, The, assignee: *See*—
Smith, Leland H., and F. M.
De Cordré, Gale, assignor to Safety Service Corporation, Louisville, Ky. Antiseptic disk with tapered prongs for attachment to telephone transmitters. 2,551,247, May 1.
De Coriolis, Ernest G.: *See*—
Bastress, Ernest K., and de Coriolis.
De Coriolis, Ernest G., and R. P. Campbell, Toledo, Ohio, assignors, by mesne assignments, to Erie Mining Company, Hibbing, Minn. Furnace loading mechanism. 2,538,556, Jan. 16.
De Coriolis, Ernest G., and W. Lehrer, assignors to Surface Combustion Corporation, Toledo, Ohio. Internal gas burner and removable liner members. 2,543,688, Feb. 27.
De Craene, Edmond P.: *See*—
Cantalupo, Francis J., De Craene, Schmidt, Setka, and Yant.
Cantalupo, Francis J., De Craene, and Setka.
De Craene, Edmond P., Westchester, assignor to Crane Co., Chicago, Ill. Vacuum apparatus for filling capsule-like receptacles with fluid. 2,569,410, Sept. 25.
Dederick, Clinton H., Brentwood, assignor to The Emerson Electric Manufacturing Company, St. Louis, Mo. Centrifugal operating device. 2,563,925, Aug. 14.
Dedio, Thomas, Thorsby, Alberta, Canada. Level indicator for seed hoppers. 2,545,992, Mar. 20.
De Directie van de Staatsmijnen in Limburg, acting for and on behalf of the State of the Netherlands, assignee: *See*—
Bakels, Pieter S.
De Bruijn, Hendrik, and Plusje.
De Bruijn, Paulus H.
Driessen, Maxmiliaan G., Krijgsman, and Leeman.
Fontein, Freerk J.
Haringhuizen, Pieter J.
Hoek, Theodorus J. J.
Knops, Jan J. A.
Plusje, Mathijs H. R. J., and de Bruijn.

De Directie van de Staatsmijnen in Limburg, acting for and on behalf of the State of the Netherlands, assignee: *See*—Continued.
Van der Molen, Arie P.
Zeegers, Rudolph N. G.
De Directie van de Staatsmijnen in Limburg, handelend voor en nameus den Staat der Nederlanden, assignee: *See*—
Vosters, Wilhelmus H.
Dedman, Richard L., Blytheville, Ark. Electrical testing apparatus. 2,550,787, May 1.
Dedmon, George D. and R. F., Salisbury, N. C. Chenille stitching sewing machine attachment. 2,546,357, Mar. 27.
Dedmon, Rad F.: *See*—
Dedmon, George D. and R. F.
Dedrick, Francis J., Corning, N. Y. Sled. 2,547,930, Apr. 10.
De Dycke, Douglas, Liverpool, assignor to Peter Spence & Sons Limited, Manchester, England. Apparatus for drying or calcining materials. 2,538,833, Jan. 23.
Deebel, George F., Dayton, Ohio, assignor to Monsanto Chemical Company, St. Louis, Mo. Ethers of 2-butene-1.4-diol. 2,555,270, May 29.
Deeble, Roy E., Long Beach, Calif. Extensible fishing net. 2,567,059, Sept. 4.
Deeley, Paul M., North Plainfield, assignor to Cornell-Dubilier Electric Corporation, South Plainfield, N. J. Terminal block for electrolytic capacitors. 2,569,925, Oct. 2.
Deely, Carroll L., Dallas, Tex. Core barrel. 2,555,580, June 5.
Deere & Company, assignee: *See*—
Altgelt, Herman E.
Andrews, Norman F.
Andrews, Norman F., and Dort.
Andrews, Norman F., and Hayes.
Bozeman, Virgil F., and Walz.
Brown, Theophilus.
Brown, Theophilus and Paul.
Chapman, Leland M., and Whitney.
Clausen, Howard F.
Coultas, Wilbur J., Colvin, and Palmer.
Court, Frank T.
Cratsenberg, Charles C.
Du Shane, Wallace H.
Griff, Robert D.
Heitshu, Daniel C.
Hill, Stanley E.
Ickes, George.
Lindeman, Jesse G.
Morrison, Charles S.
Neighbour, Leonard B., and Esbeck.
Neighbour, Leonard B., and Kellums.
Oehler, William P.
Oehler, William P., and Ade.
Oerman, Orey W.
Paul, Talbert W.
Roscoe, Merrill W., and Beldin.
Roscoe, Merrill W., and Foster.
Silver, Walter H., and Cantral.
Silver, Walter H., and Lohrman.
Stueland, Harold M.
Walz, Claude W., and Clausen.
Walz, Claude W., and Risley.
White, Charles H., and Oehler.
Youngberg, Charles H.
Deere, John, Van Brunt Company, assignee: *See*—
Hyland, William A., and Borngraeber.
Schmutzler, Eugene F.
Schnell, Ernst E.
Deere Manufacturing Co., assignee: *See*—
Andrews, Norman F.
Dreyfuss, Henry.
Du Shane, Wallace H.
Edman, John H.
Fletcher, Edward H.
Gustin, William E.
Hanson, Paul L., and Fletcher.
Hill, George B., and Cheatum.
Hill, George B., and Jones.
Hill, George B., and McClellan.
Hill, George B., and Zollars.
Jirsa, Emil F., and Ross.
Jones, Frank D., Slavens and Woolsoncroft.
Jones, Frank D., Welindt, Garrett, and Hill.
Marsh, Stanley H.
Nordenson, Willard H., and McCaw.
Nordenson, Willard H., and Mihal.
Purcell, William.
Rich, Barrett G.
Rich, Barrett G., Sandoval and Valentine.
Tuft, Miles H.
Tuft, Miles H., and West.
Velentine, Bertram G.
Worthington, Wayne H.
Worthington, Wayne H., and Jirsa.
Deering Milliken Research Trust, assignee: *See*—
Anderson, Wilmer C.
Brink, Robert M.
Hare, Donald G. C.
Ingham, Robert M., Jr.
Klein, Norman E.
Deering, Roland F., Long Beach, assignor to Union Oil Company of California, Los Angeles, Calif. Phosphoric acid or metal phosphate catalysts on precalcined carriers and their preparation. 2,569,092, Sept. 25.
Defensor, assignee: *See*—
Joos, Bernhard.
De Flon, James G., assignor to The Fluor Corporation, Ltd., Los Angeles, Calif. Spray nozzle. 2,550,456, Apr. 24.
De Florez Company, The, assignee: *See*—
De Florez, Luis and P., and Gore.
De Florez Company, Inc., The, assignee: *See*—
Bach, Emmon, Gratiot, Gore, and Linderman.
Cashin, Frank J., and Wolf.
De Florez, Luis and P., Pomfret, Conn., and O. L. Gore, Great Neck, N. Y., assignors, by mesne assignments, to The de Florez Company. Plastic binding of hard cased books. 2,577,568, Dec. 4.
De Florez, Peter: *See*—
De Florez, Luis and P., and Gore.
Defosse, Armand, Jeumont, assignor to la Societe Anonyme dite: Forges & Ateliers de Constructions Electriques de Jeumont, Paris, France. Composite rim and manufacturing the same. 2,539,730, Jan. 30.
De France, Henri, Saint Cloud, France. Numbers reading device. 2,552,156, May 8.
De Frees, Joseph H., Warren, Pa. Valve structure. 2,557,177, June 19.
De Fremery, Frank, Eindhoven, Netherlands, assignor to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Radio beacon. 2,551,828, May 8.
De Fries, Raymond G., Melvin, Ill. Removable car crib. 2,538,767, Jan. 23.
De Gaal, Abris, Manhassett, N. Y. Extension table with pin and groove slides. 2,548,469, Apr. 10.
De Ganahl, Carl, Trenton, N. J., C. C. Smith, Warrington, and I. P. Romberger, Jr., Langhorne, Pa., assignors to Kaiser Metal Products, Inc. Detergent dispenser and timer valve for dish-washing machines. 2,573,787, Nov. 6.
De Garmo, Oliver, assignor to Monsanto Chemical Company, St. Louis, Mo. 1,3,7,9-tetramethyl-2,4,6,8-tetraoxodipyrimido [4.5-B,5′.4′-e] pyrazine. 2,561,324, July 24.
De Gaspari, Vittorio, and A. Bartocci, assignors to "Terni" Società per l'Industria e l'Electtricità, Terni, Italy. Low alloy steel of high mechanical strength, little sensitive to quenching, weldable, etc. 2,565,953, Aug. 28.
De Genova, Andrew, Chicago, Ill. Valve grinding device. 2,540,715, Feb. 6.
De Giers, Clarence A., Forest Hills, assignor to The Liquidometer Corporation, Long Island City, N. Y. Tank gauge with single bellows temperature compensation. 2,551,794, May 8.
De Giers, Clarence A., Forest Hills, assignor to The Liquidometer Corporation, Long Island City, N. Y. Explosion-proof electrical indicator. 2,554,978, May 29.
De Giers, Clarence A., Forest Hills, assignor to The Liquidometer Corporation, Long Island City, N. Y. Tank float with bumper. 2,558,344, June 26.
De Giers, Clarence A., Forest Hills, assignor to The Liquidometer Corporation, Long Island City, N. Y. Contents gauge for milk tanks. 2,562,529, July 31.
De Giers, Clarence A., Forest Hills, and A. Edelman, New York, assignors to The Liquidometer Corporation, Long Island City, N. Y. Adjustable transmitter condenser. 2,540,658, Feb. 6.
De Giers, Clarence A., Forest Hills, and A. Wickesser, St. Albans, assignors to The Liquidometer Corporation, Long Island City, N. Y. Tank contents gauge indicating weight. 2,551,791, May 8.
De Giers, Clarence A., Forest Hills, and A. Wickesser, St. Albans, assignors to The Liquidometer Corporation, Long Island City, N. Y. Gauge for indicating weight of liquids in tanks. 2,551,792, May 8.
De Giers, Clarence A., Forest Hills, and A. Wickesser, St. Albans, assignors to The Liquidometer Corporation, Long Island City, N. Y. Device for indicating weight of tank contents. 2,551,793, May 8.
De Giers, Clarence A., Forest Hills, and A. Edelman, New York, assignors to The Liquidometer Corporation, Long Island City, N. Y. Telemetering transmitter with two prime movers. 2,575,616, Nov. 20.
De Giovine, Rudolph G.: *See*—
Sobel, Charles, and De Giovine.
Degnan, William J., Pittsfield, and C. J. Kettler, Stockbridge, Mass., assignors to General Electric Company. Superposition optical image projector. 2,156,871, June 12.
Degnen, William J., Westfield, and L. R. Hill, Ridgewood, assignors to The M. W. Kellogg Company, Jersey City, N. J. Contacting gases and solids. 2,548,875, Apr. 17.
De Goelj, Henricus J. A., Overveen, assignor, by mesne assignments, to N. V. Exploitatie Maatschappij "Quod Bonum," Amsterdam, Netherlands. Apparatus for semi-automatically producing photographic type. 2,572,322, Oct. 23.
De Grand, Norman A., Green Bay, Wis. Bushing remover. 2,572,991, Oct. 30.
De Grave, Marvin F., Salem, Ohio, assignor to Eljer Company, Ford City, Pa. Swivel valve head assembly. 2,563,992, Aug. 14.

De Grave, Thomas, Chicago, Ill. Strainer apparatus. 2,569,748, Oct. 2.
De Grazia, Joseph, Washington, D. C. Combination collar and hood. 2,547,931, Apr. 10.
De Grazia, Joseph, Washington, D. C. Head covering. 2,567,192, Sept. 11.
De Groat, Charles T., Ballston Lake, N. Y., assignor to General Electric Company. Evacuating and gas charging apparatus with movable support and vacuum pump carried thereon. 2,565,298, Aug. 21.
De Groat, Charles T., Ballston Lake, N. Y., assignor to General Electric Company. Evacuating and gas charging apparatus. 2,570,103, Oct. 2.
De Groat, Charles T., Saratoga, N. Y., assignor to General Electric Company. Gas charging apparatus with gas pressure reducing valve. 2,542,636, Feb. 20.
De Groot, Folkert A., and B. W. V. I. Schenau, Eindhoven, Netherlands, assignors, by mesne assignments, to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Control circuit arrangement. 2,556,070, June 5.
De Groote, John P., Peru, Ill. Submersible drag. 2,551,998, May 8.
De Groote, Melvin, St. Louis, Mo., assignor to Petrolite Corporation, Ltd., Wilmington, Del. Breaking petroleum emulsions. 2,552,528, May 15.
De Groote, Melvin, St. Louis, Mo., assignor to Petrolite Corporation, Ltd., Wilmington, Del. Breaking petroleum emulsions. 2,552,529, May 15.
De Groote, Melvin, St. Louis, Mo., assignor to Petrolite Corporation, Ltd., Wilmington, Del. Breaking petroleum emulsions. 2,552,530, May 15.
De Groote, Melvin, St. Louis, Mo., assignor to Petrolite Corporation, Ltd., Wilmington, Del. Breaking petroleum emulsions. 2,552,531, May 15.
De Groote, Melvin, St. Louis, Mo., assignor to Petrolite Corporation, Ltd., Wilmington, Del. Breaking petroleum emulsions. 2,554,667, May 29.
De Groote, Melvin, University City, Mo., assignor to Petrolite Corporation, Ltd., Wilmington, Del. Breaking petroleum emulsions. 2,552,532, May 15.
De Groote, Melvin, University City, Mo., assignor to Petrolite Corporation, Ltd., Wilmington, Del. Breaking petroleum emulsions. 2,552,533, May 15.
De Groote, Melvin, University City, Mo., assignor to Petrolite Corporation, Ltd., Wilmington, Del. Breaking petroleum emulsions. 2,552,534, May 15.
De Groote, Melvin, University City, Mo., assignor to Petrolite Corporation, Ltd., Wilmington, Del. Breaking petroleum emulsions. 2,574,544, Nov. 13.
De Groote, Melvin, University City, Mo., assignor to Petrolite Corporation, Ltd., Wilmington, Del. Breaking petroleum emulsions. 2,574,545, Nov. 13.
De Groote, Melvin, University City, Mo., assignor to Petrolite Corporation, Ltd., Wilmington, Del. Polymerization products of certain resins containing both hydroxyl and allyl radicals, and making same. 2,574,546, Nov. 13.
De Groote, Melvin, University City, Mo., assignor to Petrolite Corporation, Ltd., Wilmington, Del. Oxyalkylated polymerization products of certain resins containing both hydroxyl and allyl radicals and making same. 2,574,547, Nov. 13.
De Groote, Melvin, University City, Mo., assignor to Petrolite Corporation, Ltd., Wilmington, Del. Certain resins containing both hydroxyl and allyl radicals, and making same. 2,574,817, Nov. 13.
De Groote, Melvin, St. Louis, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Breaking petroleum emulsions. Re. 23,432, Nov. 27.
De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite corporation, Ltd., Wilmington, Del. Breaking petroleum emulsions. 2,541,990, Feb. 20.
De Groote, Melvin, St. Louis, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Breaking petroleum emulsions. 2,541,991, Feb. 20.
De Groote, Melvin, St. Louis, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Breaking petroleum emulsions. 2,541,992, Feb. 20.
De Groote, Melvin, St. Louis, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Breaking petroleum emulsions. 2,541,993, Feb. 20.
De Groote, Melvin, St. Louis, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Breaking petroleum emulsions. 2,541,994, Feb. 20.
De Groote, Melvin, St. Louis, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Breaking petroleum emulsions. 2,541,995, Feb. 20.
De Groote, Melvin, St. Louis, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Breaking petroleum emulsions. 2,541,996, Feb. 20.
De Groote, Melvin, St. Louis, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Breaking petroleum emulsions. 2,541,997, Feb. 20.
De Groote, Melvin, St. Louis, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Breaking petroleum emulsions. 2,541,998, Feb. 20.
De Groote, Melvin, St. Louis, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Breaking petroleum emulsions. 2,541,999, Feb. 20.
De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Breaking petroleum emulsions. 2,542,000, Feb. 20.
De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Breaking petroleum emulsions. 2,542,001, Feb. 20.
De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Breaking petroleum emulsions. 2,542,002, Feb. 20.
De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Breaking petroleum emulsions. 2,542,003, Feb. 20.
De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Breaking petroleum emulsions. 2,542,004, Feb. 20.
De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Breaking petroleum emulsions. 2,542,005, Feb. 20.
De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Breaking petroleum emulsions. 2,542,006, Feb. 20.
De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Breaking petroleum emulsions. 2,542,007, Feb. 20.
De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Breaking petroleum emulsions. 2,542,008, Feb. 20.
De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Breaking petroleum emulsions. 2,542,009, Feb. 20.
De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Breaking petroleum emulsions. 2,542,010, Feb. 20.
De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Breaking petroleum emulsions. 2,542,011, Feb. 20.
De Groote, Melvin, St. Louis, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Breaking petroleum emulsions. 2,542,012, Feb. 20.
De Groote, Melvin, St. Louis, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Breaking petroleum emulsions. 2,542,013, Feb. 20.
De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Breaking petroleum emulsions. 2,543,489, Feb. 27.
De Groote, Melvin, University City, A. F. Wirtel, and O. H. Pettingill, Kirkwood, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Breaking petroleum emulsions. 2,549,434, Apr. 17.
De Groote, Melvin, University City, A. F. Wirtel, and O. H. Pettingill, Kirkwood, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Breaking petroleum emulsions. 2,549,435, Apr. 17.
De Groote, Melvin, University City, A. F. Wirtel, and O. H. Pettingill, Kirkwood, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Breaking petroleum emulsions. 2,549,436, Apr. 17.
De Groote, Melvin, University City, A. F. Wirtel, and O. H. Pettingill, Kirkwood, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Breaking petroleum emulsions. 2,549,437, Apr. 17.
De Groote, Melvin, University City, A. F. Wirtel, and O. H. Pettingill, Kirkwood, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Breaking petroleum emulsions. 2,549,438, Apr. 17.
De Groote, Melvin, University City, A. F. Wirtel, and O. H. Pettingill, Kirkwood, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Breaking petroleum emulsions. 2,549,439, Apr. 17.
De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Breaking petroleum emulsions. 2,557,081, June 19.
De Groote, Melvin, University City, A. F. Wirtel, and O. H. Pettingill, Kirkwood, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Breaking petroleum emulsions. 2,558,510, June 26.
De Groote, Melvin, University City, A. F. Wirtel, and O. H. Pettingill, Kirkwood, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Breaking petroleum emulsions. 2,558,511, June 26.

De Groote, Melvin, University City, A. F. Wirtel, and O. H. Pettingill, Kirkwood, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Breaking petroleum emulsions. 2,558,512, June 26.
De Groote, Melvin, University City, A. F. Wirtel, and O. H. Pettingill, Kirkwood, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Breaking petroleum emulsions. 2,558,513, June 26.
De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Breaking petroleum emulsions. 2,560,333, July 10.
De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Certain oxyalkylated derivatives of difunctional bis-phenol aldehyde resins. 2,564,191, Aug. 14.
De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Certain oxyalkylated derivatives of certain resins. 2,564,192, Aug. 14.
De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Cation-active polychloride containing an esterified polyaminoether, and making same. 2,565,549, Aug. 28.
De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Cation-active polychloride containing an esterified polyaminoether, and making same. 2,565,550, Aug. 28.
De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Breaking petroleum emulsions. 2,568,115, Sept. 18.
De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Breaking petroleum emulsions. 2,568,116, Sept. 18.
De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Breaking petroleum emulsions. 2,568,117, Sept. 18.
De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Oxyalkylated derivatives of phenol-isanic acid-formaldehyde resins. 2,568,118, Sept. 18.
De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Phenolic resins containing isanic acid. 2,568,119, Sept. 18.
De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Breaking petroleum emulsions. 2,571,116, Oct. 16.
De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd,. Wilmington, Del. Certain resins and oxyalkylated derivatives thereof. 2,571,117, Oct. 16.
De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Carboxyl-containing xylene-soluble resin. 2,571,118, Oct. 16.
De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Breaking petroleum emulsions. 2,571,119, Oct. 16.
De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Oxyalkylated derivatives of certain intermediates obtained from certain carboxyl-containing xylene-soluble resins. 2,571,120, Oct. 16.
De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Intermediate derivatives of certain carboxyl-containing xylene-soluble resins. 2,571,121, Oct. 16.
De Groote, Melvin, University City, A. F. Wirtel, and O. H. Pettingill, Kirkwood, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Certain polyol ethers. 2,572,885, Oct. 30.
De Groote, Melvin, University City, A. F. Wirtel, and O. H. Pettingill, Kirkwood, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Certain polyol ethers. 2,572,886, Oct. 30.
De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Certain polyol ethers. 2,573,893, Nov. 6.
De Groote, Melvin, St. Louis, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Breaking petroleum emulsions using certain hydroaromatic analogues of certain hydrophile hydroxylated synthetic products. 2,574,536, Nov. 13.
De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Cation-active polychloride containing an imidazoline ring and making same. 2,574,537, Nov. 13.
De Groote, Melvin, University City, and A. F. Wirtel, Kirkwood, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Breaking petroleum emulsions. 2,574,538, Nov. 13.
De Groote, Melvin, University City, A. F. Wirtel, and O. H. Pettingill, Kirkwood, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Certain para-menthylcyclohexanol ethers of certain glycols. 2,574,539, Nov. 13.
De Groote, Melvin, University City, A. F. Wirtel, and O. H. Pettingill, Kirkwood, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Certain para-menthylcyclohexanol ethers of certain glycols. 2,574,540, Nov. 13.
De Groote, Melvin, University City, A. F. Wirtel, and O. H. Pettingill, Kirkwood, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Certain para-cyclohexylcyclohexanol ethers of certain glycols. 2,574,541, Nov. 13.
De Groote, Melvin, University City, A. F. Wirtel, and O. H. Pettingill, Kirkwood, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Certain para-cyclohexylcyclohexanol ethers of certain glycols. 2,574,542, Nov. 13.
De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Breaking petroleum emulsions. 2,574,543, Nov. 13.
De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Dipyridinium compound. 2,576,002, Nov. 20.
De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Oxyethylated hydrophile derivatives of certain fractional esters of triricinolein. 2,576,285, Nov. 27.
De Haan, Adriaan, Heusden, on the Maas, Netherlands. Multiple rudder and skeg arrangement for single screw vessels. 2,526,320, June 12.
De Haas, John C.: *See*—
Chapman, James E., and De Haas.
De Hart, Edward C., Turlock, Calif. Animal trap. 2,559,348, July 3.
De Hart, Edward S.: *See*—
Errig, William F., and De Hart.
De Harte, Hallison R.: *See*—
Benjamin, Harry S., and De Harte.
De Haven, Benjamin H., Pittsburgh, Pa. Ash receiver. 2,558,827, July 3.
De Haven, La Vern H., assignor to Bowser, Inc., Fort Wayne, Ind. Cylindrical bag filter element. 2,545,769, Mar. 20.
De Haven, La Vern H., assignor to Bowser, Inc., Fort Wayne, Ind. Liquid separation method and apparatus. 2,549,063, Apr. 17.
De Haven, La Vern H., assignor to Bowser, Inc., Fort Wayne, Ind. Filter element. 2,559,852, July 10.
De Havilland Aircraft Company Limited, The, assignee: *See*—
Halford, Frank B., and Bristow.
De Havilland Engine Company, Limited, The, assignee: *See*—
Paget, Geoffrey W.
De Hetre, John P., Compton, Calif. Power-driven pipe tongs. 2,550,045, Apr. 24.
Dehmel, Richard C., Short Hills, N. J. Control circuit for recording mechanisms. 2,553,529, May 15.
Dehmel, Richard C., Short Hills, N. J. Apparatus for simulating radio navigation aids. 2,560,527, July 10.
Dehmel, Richard C., Short Hills, N. J. Training means for blind navigating systems. 2,560,528, July 10.
Dehmel, Richard C., Short Hills, N. J. Wire winding machine. 2,569,292, Sept. 25.
Dehmel, Richard C., Short Hills, N. J. Shaft coupling. 2,570,776, Oct. 9.
Dehmel, Richard C., Short Hills, N. J. Training apparatus for simulating flight indicating instruments. 2,578,177, Dec. 11.
Dehn, Joseph W., Great Neck, N. Y., R. E. Hersey, Madison, and A. C. Mehring, Cranford, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Variable timed release for registers controlled by register group busy means. 2,542,800, Feb. 20.
Dehn, Joseph W., Great Neck, and E. Vroom, Ossining, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Automatic telephone message accounting system. 2,579,729, Dec. 25.
Dehn, Rudolph A., Schenectady, N. Y., assignor to General Electric Company. Transmission line attenuator. 2,561,184, July 17.
Dehnicke, Arthur E., Lyons, Ill. Two-part hub adjustable pitch fan. 2,563,011, Aug. 7.
Deibert, Clarence R.: *See*—
Seabury, Donald S., Buckingham, and Deibert.
Deihle, Catherine J., executrix: *See*—
Deihle, Charles L.
Deihle, Charles L., deceased, Irondequoit, N. Y.; C. J. Deihle, executrix. Racing game apparatus. 2,580,077, Dec. 25.
Deimler, Ralph W., Topeka, Kans. Bobber hook. 2,540,716, Feb. 6.
Deinet, Joseph: *See*—
Schroeder, Herman E., and Deinet.
Deister Concentrator Company, The, assignee: *See*—
Stone, Spencer A.
Deitz, Henry P., West Hyattsville, Md. Fishing lure. 2,556,683, June 12.

Deitz, Victor R., Washington, D. C., assignor to the United States of America as represented by the Secretary of Commerce. Regeneration of bone char. 2,557,948, June 26.
De Jahn, Fredrik W.: *See*—
Brassert, Herman A., and de Jahn.
De Jahn, Fredrik W., assignor to H. A. Brassert & Company, New York, N. Y. Reduction furnace. 2,548,876, Apr. 17.
De Jarlais, Philip L., and H. C. Pratt, Champlin, assignors to Hoffman Engineering Corporation, Anoka, Minn. Control mechanism. 2,558,514, June 26.
De Jong, Henry W., Berkeley, assignor to Shell Development Company, Emeryville, Calif. Preparation of delta-valerolactones. 2,576,901, Nov. 27.
De Jouëtte, Albert, Toulon, France. Powered agricultural tractor and wheel adjusting mechanism therefor. 2,559,758, July 10.
De Juhasz, Kalman J., State College, Pa. Check valve device. 2,547,377, Apr. 3.
De Jur-Amsco Corporation, assignee: *See*—
Moomaw, Lewis H.
Moomaw, Lewis H., and Lunzer.
De Klerk, Bastiaan G., Arnhem, Netherlands, assignor to American Enka Corporation, Enka, N. C. Apparatus for the continuous after treatment of flocculent textiles. 2,539,947, Jan. 30.
Dekome, Arthur E., Cleveland, Ohio. Can opener. 2,541,916, Feb. 13.
De Korne, Baldwin L., Denver, Colo. Combined chair and table. 2,566,081, Aug. 28.
De Korte, Peter: *See*—
Ten Hoeve, Marinus and E., and De Korte.
De Lacotte, Robert H., assignor to Comptoir des Textile Artificiels, Paris, France. Making mixed yarns. 2,542,314, Feb. 20.
De la Cour, Paul H., Arboga, Sweden. Toolholder ejecting mechanism. 2,564,521, Aug. 14.
Delacuvellerie, Marc: *See*—
Brichard, Edgard, Delacuvellerie, and Malicheff.
De la Fuente Tejedo, Juan, Madrid, Spain. Sheet feeding and positioning mechanism. 2,549,293, Apr. 17.
De la Hitte, Rodolphe V., Victoria, British Columbia, Canada. Fluid differential. 2,562,177, July 31.
Delamare, Alfred C.: *See*—
Wright, Frank C., Delamare, and Richards.
De La Mater, Robert G., assignor to The Parkersburg Rig & Reel Company, Parkersburg, W. Va. Sealing means for bolted storage tanks. 2,560,092, July 10.
Delamere Company, Inc., assignee: *See*—
Frishberg, Samuel.
Delamere, Rudolf D., assignor to Delamere & Williams Company, Toronto, Ontario, Canada. Powder filling machine. 2,537,333, Jan. 9.
Delamere & Williams Company, assignee: *See*—
Delamere, Rudolf D.
Delamere & Williams Company, Limited, assignee: *See*—
Williams, Victor G.
Williams, Victor G., Wood, and Bateman.
De Lancey, Clifford, Blackstock, S. C. Expansible tool for repairing spindles. 2,563,993, Aug. 14.
De Lancey, Henry K.: *See*—
Kaufman, Henry D.
De Lancey, Ralph W., assignor to The Miller Company, Meriden, Conn. Draft-responsive controls for liquid fuel burners. 2,540,866, Feb. 6.
De Lancey, Ralph W., Meriden, Conn. Closure device. 2,568,387, Sept. 18.
De Lancey, Ralph W., assignor to The Miller Company, Meriden, Conn. Hot water heating system and control therefor. 2,578,340, Dec. 11.
De Lancey, Warren H., assignor to Atlantic Development Company, Inc., Springfield, Mass. Air heating furnace and heat exchange structure therefor. 2,555,842, June 5.
De Lancey, Warren H., assignor to Atlantic Development Company, Inc., Springfield, Mass. Heating apparatus. 2,568,120, Sept. 18.
Deland, Paul, Montreal, Quebec, Canada. Machine for painting the interior of pipe bowls. 2,575,007, Nov. 13.
Delaney, Charles W., Middlebury, assignor, by mesne assignments, to Boots Aircraft Nut Corporation, Stamford, Conn. Forming lock nuts. 2,539,899. Jan. 30.
Delaney, Charles W., Middlebury, assignor, by mesne assignments, to Boots Aircraft Nut Corporation, Stamford, Conn. Lock nut. 2,551,102, May 1.
Delaney, John E.: *See*—
Emery, Alfred H., and Delaney.
De Laney, Sidney R., Rutherford, assignor to Raybestos-Manhattan, Inc., Passaic, N. J. Ceramically bonded diamond abrasive products. 2,566,828, Sept. 4.
Delaney, Thomas W., St. Paul, Minn. Machine for cutting contours in pipe sections for joining main and branch pipes at a desired angle. 2,570,026, Oct. 2.
De Lange, Cornelis, Eindhoven, Netherlands, assignor, by mesne assignments, to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Variable condenser with fixed electrodes. 2,541,749, Feb. 13.
De Lange, Hendrik: *See*—
Koole, Pieter, Bourgonjon, and de Lange.
De Lange, Owen E., East Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Combined multivibrator and sweep circuit. 2,553,752, May 22.
De Lange, Owen E., East Orange, and W. M. Goodall, Oakhurst, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Frequency modulation. 2,566,405, Sept. 4.
De Lano, Ralph B., Jr., New York, N. Y., assignor to Sperry Products, Inc., Hoboken, N. J. Electronic switching device. 2,549,895, Apr. 24.
De Lano, Ralph B., Jr., New York, N. Y., assignor to Sperry Products, Inc., Hoboken, N. J. Apparatus for inspecting materials by wave trains. 2,562,449, July 31.
De Lano, Ralph B., Jr., New York, N. Y., assignor to Sperry Products, Inc., Hoboken, N. J. Pulse cutoff device. 2,562,450, July 31.
Delano, Raymond P., Jr., and R. W. Gregson, Baltimore, Md., assignors, by mesne assignments, to Franklin Railway Supply Company, Wilmington, Del. High-pressure ball and socket pipe joint. 2,550,536, Apr. 24.
De Lany, Beatrice P., Miami Beach, Fla., and P. L. Copeland, Chicago, Ill. Full-wave rectifier. 2,555,843, June 5.
Delapena & Son Limited, assignee: *See*—
Wagstaff, George F.
Delaroiere, Bernard J. M. A., assignor to Delaroiere & Le Clercq, Société a Responsabilite Limitée, Amiens, France. Automatic shuttle changer for double fabric looms. 2,560,687, July 17.
Delaroiere & Le Clerq, Société a Responsabilite Limitée, assignee: *See*—
Delaroiere, Bernard J. M. A.
De la Roza, Joaquin J., Sr., New York, N. Y. Continuous digestion apparatus for the production of highly purified cellulose. 2,542,801, Feb. 20.
De la Source, Charles, Paris, assignor to Societe: Les Fils de Peugeot Freres, Valentigney, France. Assembling device and application thereof. 2,571,545, Oct. 16.
De la Source, Charles, Paris, assignor to Les Fils de Peugeot Freres, Valentigney (Doubs), France. Bench plane with adjustable bit carrier. 2,572,599, Oct. 23.
De Lassus, Harold J., Salisburg, Mo. Cloth spreading machine. 2,544,951, Mar. 13.
De la Torre, Manuel, Houston, Tex. Cigar or cigarette extinguisher. 2,575,261, Nov. 13.
De Lautour, Walter, Gisborne, New Zealand. Locking universal joint for use with dental articulators and the like. 2,550,043, Apr. 24.
Delaval, Marie R., born Cuizat, assignor to Societe Civile d'Etude des Brevets Valac, Paris, France. Apparatus for shaping the ends of can bodies. 2,564,193, Aug. 14.
De Laval Separator Company, assignee: *See*—
Roters, Herbert C.
De Laval Separator Company, The, assignee: *See*—
Ayres, Donald F.
Cook, James E.
Michelsen, William O.
Scott, Walter A., and Cook.
Strezynski, George J.
Vandewater, Donald B.
De Laval Steam Turbine Company, assignee: *See*—
Salter, Ludwig L.
Delaware Floor Products Inc., assignee: *See*—
Petry, Robert K.
De Lázaro, Luis N. G., Santander, Spain. Electric musical instrument. 2,539,297, Jan. 23.
Del Buttero, Enzo, Milano, Italy, assignor to Manufactures des Glaces et Produits Chimiques de St. Gobain, Chauny & Cirey, Paris, France. Container. 2,546,983, Apr. 3.
Del Buttero, Enzo, Milano, Italy, assignor to Manufactures des Glaces et Produits Chimiques de St. Gobain, Chauny & Cirey, Paris, France. Electrical furnace. 2,571,218, Oct. 16.
Del Camp, Scipione M., Maywood, Ill. Electrical socket and contact therefor. 2,563,775, Aug. 7.
Del Camp, Scipione M., Maywood, assignor to Cinch Manufacturing Corporation, Chicago, Ill. Tube socket structure. 2,571,845, Oct. 16.
Del Conte, Mario: *See*—
Slomowitz, Julius, and Del Conte.
De Leo, Nickolas M., Bayonne, N. J. Antiglare lens with a central reticulated area and differently reticulated surrounding area. 2,558,422, June 26.
De Leon, John, Ridgewood, assignor to Allen B. Du Mont Laboratories, Inc., Passaic, N. J. Magnet for cathode-ray tube ion traps. 2,569,517, Oct. 2.
Delepierre, Florimond, and J. C. Ghesquiers, assignors to Societe en Nom Collectif des Brevets Florimond Delepierre, Haubourdin, France. Cleaning the rollers of spinning frames. 2,562,451, July 31.
De Leudeville, Alexandre: *See*—
Selz, Jacques, and de Leudeville.
Delevan Manufacturing Company, assignee: *See*—
Olson, Eugene O.
Delf, George A., Creve Cour, and R. E. Kortum, Robertson, Mo. Window fan assembly with width-adjustment provision. 2,577,845, Dec. 11.
Delfino, George, and Sons, assignee: *See*—
Kaltoft, Sigurd.
De Liban, Robert, Menlo Park, Calif., assignor to the United States of America as represented by the United States Atomic Energy Commission. Filter. 2,569,232, Sept. 25.
De Lima Campos, Aluizio F., Rio de Janeiro, Brazil. Apparatus for viewing stereoscopic motion pictures. 2,553,171, May 15.

Dell, Edward F., Chicago, Ill., assignor, by mesne assignments, to Davidson Corporation. Plate clamp means. 2,577,073, Dec. 4.
Dell, Hugh A.: *See*—
Beaven, Clifford H. J., Caple, and Dell.
Dell, Mirah L., Nicholls, Ga. Turpentine tin incision axe. 2,546,728, Mar. 27.
Dellinger, John, Batavia, N. Y. Glazing nail. 2,568,145, Sept 18.
Dellinger, Martin C. and P. C., Manheim Township, Lancaster County, Pa. Automobile mounted clothes hanger support. 2,557,264, June 19.
Dellinger, Paul C.: *See*—
Dellinger, Martin C. and P. C.
Delman Corporation, The, assignee: *See*—
Bachrach, Charles.
Delman, Inc., assignee: *See*—
Sabo, Louis.
Del Mar, Bruce E., Los Angeles, assignor to Douglas Aircraft Company, Inc., Santa Monica, Calif. Hydraulic planetary slip drive. 2,540,659, Feb. 6.
Del Mar, Bruce E., Los Angeles, assignor to Douglas Aircraft Company, Inc., Santa Monica, Calif. Cabin pressure control. 2,549,672, Apr. 17.
Del Mar, Bruce E., Los Angeles, assignor to Douglas Aircraft Company, Inc., Santa Monica, Calif. Pressure control system for aircraft cabins. 2,549,673, Apr. 17.
Del Mar, Bruce E., Los Angeles, assignor to Douglas Aircraft Company, Inc., Santa Monica, Calif. Thermally insulated container and pallet. 2,556,418, June 12.
Del Mar, Bruce E., Los Angeles, assignor to Douglas Aircraft Company, Inc., Santa Monica, Calif. Heat insulating structural panel. 2,556,470, June 12.
Delmar, Geza S., Montreal, and E. N. Macallum, Como, Quebec, assignors to Sharp & Dohme (Canada) Ltd., Toronto, Ontario, Canada. Manufacturing carboxy acyl derivatives of sulfanilamides. 2,576,825, Nov. 27.
Del Mar, William A., Greenwich, Conn., assignor to Phelps Dodge Copper Products Corporation, Dover, Del. Compression cable system. 2,556,906, June 12.
Del Nero, Roger, Rome, N. Y. Beer faucet. 2,575,658, Nov. 20.
De Long, Chancey E., Freeland, assignor to The Dow Chemical Company, Midland, Mich. Method and composition for production of cellular thermoplastic products. 2,577,743, Dec. 11.
De Long, William B.: *See*—
Mayfield, Ross M., De Long, and Permar.
Delor, Gaston C., deceased, assignor of one-half to Societe Nationale des Chemins de Fer Français, Paris, France; F. E. M. Strahm, administrator of said G. C. Delor. Tool for applying binding strap to railroad sleepers. 2,572,323, Oct. 23.
Delor, Raymond A., assignor to The Upjohn Company, Kalamazoo, Mich. Dispensing apparatus. 2,558,043, June 26.
Delor, Raymond A., and H. G. Petering, assignors to The Upjohn Company, Kalamazoo, Mich. Sulfonamides preparation. 2,558,702, June 26.
Deloraine, Edmond M., New York, N. Y., assignor to Federal Telephone and Radio Corporation. Fire control system. 2,557,949, June 26.
Deloraine, Edmond M., assignor to Federal Telephone and Radio Corporation, New York, N. Y. Position recording system. 2,561,345, July 24.
Deloraine, Edmond M., Rivervale, and D. H. Ransom, Paterson, N. J., assignors to Federal Telecommunication Laboratories, Inc., New York, N. Y. Electronic telephone exchange. Re. 23,363, May 8.
Deloraine, Edmond M., and G. J. Lehmann, assignors to Federal Telephone and Radio Corporation, New York, N. Y. Radio guiding system. 2,539,405, Jan. 30.
Deloraine, Edmond M., New York, H. G. Busignies, Forest Hills, N. Y., and P. R. Adams, Cranford, N. J., assignors to Federal Telephone and Radio Corporation, New York, N. Y. Aircraft indicator system. 2,543,002, Feb. 27.
Deloraine, Edmond M., and L. Goldstein, assignors to International Standard Electric Corp., New York, N. Y. Communication system. 2,546,984, Apr. 3.
Deloraine, Edmond M., New York, N. Y., and B. Alexander, Nutley, N. J., assignors to International Standard Electric Corporation, New York, N. Y. Pulse spacing modulated communication system. 2,557,950, June 26.
Deloraine, Edmond M., New York, N. Y., and A. H. Reeves, Surrey, England, assignors to International Standard Electric Corporation, New York N. Y. Communication system utilizing constant amplitude pulses. 2,568,721, Sept. 25.
De Lorenzo, Bartholomeo, North Ridgeville, Ohio, assignor to Foster Wheeler Corporation, New York, N. Y. Heater. 2,555,322, June 5.
De Lorenzo, Mario M., San Francisco, Calif. Clamping cam lug for electrical connections. 2,556,491, June 12.
De Lorme, Charles R., assignor to Colonial Broach Company, Detroit, Mich. Broaching machine. 2,565,913, Aug. 28.
De Loss, Alphonso R., assignee: *See*—
De Loss, John O.
De Loss, Michael J., assignee: *See*—
De Loss, John O.
De Loss, John O., assignor of one-third to M. J., and one-third to A. R. De Loss, Meadville, Pa. Machine for making core boxes. 2,568,187, Sept. 18.
Delrac Corporation, assignee: *See*—
Thomas, Beaumont.
Delron Company, Inc., The, assignee: *See*—
Cragg, Kenneth B., and Thiene.
Del-Sab Corporation, assignee: *See*—
Sabo, Louis.
Delsalle, Frank P., assignor to C. R. Daniels, Inc., Daniels, Md. Shoulder protecting device. 2,550,044, Apr. 24.
Delsalle, Frank P., assignor to C. R. Daniels, Inc., Daniels, Md. Baseman's mitt. 2,558,544, June 26.
Del Sol, Anthony R., San Francisco, Calif. Check controlled time switch. 2,551,730, May 8.
Delson, Leon J.: *See*—
O'Farrell, Frank, and Delson.
Delta Brush Manufacturing Corporation, assignee: *See*—
Schultz, Joachim M.
Deltron Electric Products, Inc., assignee: *See*—
Conrad, John F.
De Luca, Daniel: *See*—
Umsted, Carleton G., and De Luca.
Delucchi, Charles, Lyon, France. Buckle. 2,563,314, Aug. 7.
De Luchi, Frank W., Los Banos, Calif. Hot-water and steam generator. 2,558,545, June 26.
Delvaux, Jean L., Asnieres, France, assignor to General Electric Company. Harmonic oscillation generating system. 2,555,960, June 5.
Delvaux, Jean L., Asnieres, France, assignor to General Electric Company. Keystone correction circuit. 2,566,056, Aug. 28.
Delvaux, Jean L., Paris, France, assignor to General Electric Company. Frequency modulated wave generator. 2,552,157, May 8.
Delvaux, Jules A. M., Brussels, assignor to Compagnie Internationale des Pieux Armés Frankignoul, Liege, Belgium. Railway sleeper. 2,538,443, Jan. 16.
Del Vecchio, Henry W.: *See*—
Kern, Charles J., and Del Vecchio.
De Lyra, Joseph L., Brooklyn, N. Y. Safety pin. 2,576,449, Nov. 27.
Demanes, Louis, assignee: *See*—
Bashore, Homer H.
De Mar, Michael, New York, N. Y. Device for removing wrinkles. 2,565,123, Aug. 21.
De Marchi, Vincent S.: *See*—
Kalbach, John C., de Marchi, and Sullivan.
De Marchi, Vincent S., Jamaica, N. Y., assignor to Institute of Gas Technology, Chicago, Ill. Concentrating the iron content of iron ores. 2,557,059, June 19.
De Marco, Edward A., New Brunswick, N. J. Apparatus for forming buttonholes. 2,549,294, Apr. 17.
De Mars, Paul A., assignor to R. M. Wilmotte, Inc., Washington, D. C. Sonic system for measuring filaments. 2,538,444, Jan. 16.
De Marval, Cirilo, Buenos Aires, Argentina. Auxiliary carburetion device. 2,576,450, Nov. 27.
Dematteis, Julian, Batavia, Iowa. Piston. 2,553,638, May 22.
Dematteis, Julian, Batavia, Iowa. Expansible chamber engine having a reciprocating piston cylinder and a reciprocating piston in such cylinder. 2,569,293, Sept. 25.
Dembenski, Joseph E., Brooklyn, N. Y. Sanitary dental floss holder. 2,554,526, May 29.
De Mengel, Gaston P., London, England, assignor, by mesne assignments, to International Standard Electric Corporation, New York, N. Y. Stabilized electric oscillator. 2,562,894, Aug. 7.
De Ment, Jack, Portland, Oreg. Dental cement. 2,549,180, Apr. 17.
De Ment, Jack, Portland, Oreg., assignor to the United States of America as represented by the United States Atomic Energy Commission. Mitigating radioactive contamination. 2,563,587, Aug. 7.
De Ment, Jack, Portland, Oreg. Electrochemical bonding of aluminum with other materials. 2,567,877, Sept. 11.
De Ment, Jack, Portland, Oreg., assignor to the United States of America as represented by the United States Atomic Energy Commission. Removal of radioactive contaminants. 2,577,514, Dec. 4.
De Mers, Edward F., Urbana, Ill., assignor to Stromberg-Carlson Company. Band switching arrangement. 2,541,917, Feb. 13.
De Mers, Edward F., Urbana, Ill., assignor to Stromberg-Carlson Company. Unidirectional power supply. 2,541,918, Feb. 13.
Demers, Telesphore C., Lebanon, N. H. Page turner. 2,555,186, May 29.
Demeulenaere, Marcel: *See*—
Demeulenaere, Robert and M.
Demeulenaere, Robert and M., New York, N. Y. Push-button control. 2,544,918, Mar. 13.
De Mian, Stanley, assignee: *See*—
Swatsick, Michael J.
De Michel, Frank, Chicago, Ill. Abrasive disk backup pad. 2,573,411, Oct. 30.
De Michele, Dominick J., Schenectady, N. Y., assignor to General Electric Company. Resistance strain gauge and making same. 2,548,592, Apr. 10.
De Mier, Fred, Sr., Miami, Okla. Back rest. 2,565,597, Aug. 28.
De Mier, Fred, Sr., Miami, Okla. Adjustable headrest attachment for back rests. 2,573,186, Oct. 30.

De Millar, Floyd O., Sherborn, Mass., assignor to Telechron, Inc. Magnetic motor. 2,546,729, Mar. 27.
Deming, Clarence L., Emporia, Kans. Garbage disposal arrangement with improved flue assembly. 2,548,203, Apr. 10.
Deming Company, The, assignee: *See*—
McBean, Robert H.
Shallenberg, Walter.
Deming, Donald D., Chesterland, assignor to Thompson Products, Inc., Cleveland, Ohio. Controlled expansion piston. 2,551,488, May 1.
Deming, Philip H., and M. L. Sagenkahn, assignors to Shell Development Company, San Francisco, Calif. Fractionation process. 2,577,701, Dec. 4.
Deming, Roy E., assignor to Kalamazoo Stove & Furnace Co., Kalamazoo, Mich. Casing structure for air-heating furnaces. 2,563,801, Aug. 14.
Demler, Ray C., assignor to International Packaging Corporation, Tacoma, Wash. Device for handling rigid sheets. 2,565,207, Aug. 21.
Demo, Max J., El Cajon, Calif. Forming concrete blocks. 2,542,485, Feb. 20.
Demonet, Jules A., Royal Oak, Mich., and W. Howard, Richmond, Va. Air cleaner, etc. 2,552,887, May 15.
De Montgremier, Paul J. A.: *See*—
Gachet, Paul, and de Montgremier.
Demorest, Burton U., Tulsa, Okla. Typewriter attached manifold gripping device. 2,545,071, Mar. 13.
Dempsey, Albert L., Sr., Seattle, Wash. Humidor case for boxed cigars. 2,551,829, May 8.
Dempsey, Frank B., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Thermostatic pressure regulator 2,566,019, Aug. 28.
Dempsey, John L., Atlantic City, and R. W. Sonnenfeldt, Camden, N. J., assignors to Radio Corporation of America. Electronic switch. 2,571,017, Oct. 9.
Dempsey, Oscar E., assignor to Dempsey Pump Co., Tulsa, Okla. Windshield for welding. 2,553,899, May 22.
Dempsey Pump Co., assignee: *See*—
Dempsey, Oscar E.
Dempster, Arthur J., Chicago, Ill., assignor to the United States of America as represented by the United States Atomic Energy Commission. Mass spectrograph. 2,572,600, Oct. 23.
Dempster, Everett R.: *See*—
Gier, Joseph T., Boelter, Bromberg, and Dempster.
Dempster, Irving, Fort Plain, N. Y. Cutting device wherein knife has compound movement. 2,539,232, Jan. 23.
Dempster, Jane B.: *See*—
Auspos, Lawrence A. A., and Dempster.
Demuth, Charles, Mineola, N. Y. Hot-air space heater. 2,547,448, Apr. 3.
Demuth, Charles, Mineola, N. Y. Adjusting device. 2,577,569, Dec. 4.
Demuth, Galan W., Moorestown, N. J., assignor to Bryant Chucking Grinder Company, Springfield, Vt. Exciter system for thyratron power inverters and the like. 2,548,955, Apr. 17.
Demuth, Galan W., Moorestown, N. J., assignor to Bryant Chucking Grinder Company, Springfield, Vt. Thyratron power inverter. 2,570,651, Oct. 9.
De Navarre, Maison G., Grosse Pointe Farms, Mich., and W. C. Griffin, Newport, assignors to Atlas Powder Company, Wilmington, Del. Chemical heating composition. 2,541,345, Feb. 13.
Den Beste, Marion: *See*—
Reed, Raymond E., Tenenbaum, and Den Beste.
Den Beste, Marion, and R. E. Reed, assignors to Raymond Laboratories, Inc., St. Paul, Minn. Process and composition for treating keratinous material. 2,540,980, Feb. 6.
Dence, Donald S.: *See*—
Bixby, Leo A., and Dence.
Dench, Edward C., Needham, Mass., assignor to Inter chemical Corporation, New York, N. Y. Electrical multiplying apparatus. 2,543,442, Feb. 27.
Den Dulk, Arie, Sr., assignor to H. den Dulk, Ripon, Calif. Window shutter. 2,568,324, Sept. 18.
Den Dulk, Herbert, assignee: *See*—
Den Dulk, Arie, Sr.
De Neergaard, Leif E., Buffalo, assignor to Actrol, Inc., Tuckahoe, N. Y. Frequency generator for machine control systems. 2,552,622, May 15.
Denegre, Charles, assignee: *See*—
Westerhouse, Louis M.
Dénes, Peter, Budapest, Hungary. Manufacturing electric condensers. 2,556,257, June 12.
Denham, John J., Orinda, assignor to Shand and Jurs Company, Berkeley, Calif. Automatic flow control apparatus. 2,549,674, Apr. 17.
Denham Laboratories Limited, assignee: *See*—
Harcourt, William M.
Denham, Robert H., Scotia, N. Y., assignor to General Electric Company. Wire enameling die. 2,575,911, Nov. 20.
Den Hertog, Martinus, Antwerp, Belgium, assignor to International Standard Electric Corporation, New York, N. Y. Selection control for telephone systems. 2,543,003, Feb. 27.
Den Hertog, Martinus, Antwerp, Belgium, assignor to International Standard Electric Corporation, New York, N. Y. Selector switching system. 2,553.553, May 22.
Den Hertog, Martinus, Antwerp, Belgium, assignor to International Standard Electric Corporation, New York, N. Y. Telecommunication system. 2,557,638, June 19.
Den Hertog, Martinus, Antwerp, Belgium, assignor to International Standard Electric Corporation, New York, N. Y. Group selection control circuit. 2,561,051, July 17.
Den Hertog, Martinus, Antwerp, Belgium, assignor to International Standard Electric Corporation, New York, N. Y. Pulse controlled rectifier network. 2,563,589, Aug. 7.
De Nie, Willem L. J., Amsterdam, Netherlands, assignor to Shell Development Company, San Francisco, Calif. Emulsion polymerization of vinylidene compounds. 2,537,334, Jan. 9.
De Nie, Willem L. J., Amsterdam, Netherlands, assignor to Shell Development Company, San Francisco, Calif. Heat and light stable vinyl resin compositions. 2,538,297, Jan. 16.
De Nie, Willem L. J., Amsterdam, Netherlands, assignor to Shell Development Company, San Francisco, Calif. Copolymerization of vinylidene halides with certain ethylenically unsaturated compounds. 2,547,815, Apr. 3.
De Nie, Willem L. J., and C. N. J. de Nooijer, Amsterdam, Netherlands, assignors to Shell Development Company, San Francisco, Calif. Color stabilization of halogen-containing polymers. 2,546,631, Mar. 27.
De Nie, Willem L. J., Englewood, N. J., and H. T. Voorthuis, Amsterdam, Netherlands, assignors to Shell Development Company, Emeryville, Calif. Stabilization of high molecular weight organic material containing inorganic acid-forming elements. 2,564,194, Aug. 14.
De Nie, Willem L. J., Englewood, N. J., and H. T. Voorthuis, Amsterdam, Netherlands, assignors to Shell Development Company, Emeryville, Calif. Stabilization of high molecular weight organic material containing inorganic acid-forming elements. 2,564,195, Aug. 14.
Denig, Fred, Pittsburgh, Pa., and W. P. Arnold, Orville, Ohio, assignors to Koppers Company, Inc., Pittsburgh, Pa. Laminating wood. 2,563,821, Aug. 14.
Denine, James B., administrator: *See*—
Denine, Martin A.
Denine, Martin A., deceased; by J. B. Denine, administrator, Los Angeles, Calif., assignor, by decree of distribution, to J. B. Denine. Separable electric plug. 2,576,174, Nov. 27.
Dening, Robert D., Long Beach, Calif. Shutter mechanism. 2,549,964, Apr. 24.
Denis, Marcel, Paris, France, assignor to Compagnie Generale de Telegraphie Sans Fil. Discriminator for frequency-modulated centimetric and decimetric waves. 2,543,621, Feb. 27.
Denis, Marcel, Paris, France, assignor to Compagnie Generale de T. S. F. Frequency stabilizing device for high-frequency oscillator. 2,565,842, Aug. 28.
Denisoff, Alexander C., Middlesex, England, assignor to West Road Co. Limited. Transmission line and temperature compensating means for hydraulic systems. 2,536,628, Jan. 2.
Denison Engineering Company, The, assignee: *See* —
Adams, Cecil E.
Adams, Cecil E., Blasutta, and Mog.
Adams, Cecil E., and Born.
Adams, Cecil E., Mills, and Blasutta.
Born, Ellis H.
Carter, Willard K.
Denison, William C., Jr.
Mueller, Adalbert C., and Adams.
Renick, Wendell E.
Denison, George H., Jr.: *See*—
Barusch, Maurice R., and Denison.
Denison, George H., Jr., Berkeley, and A. Goldschmidt, Oakland, assignors to California Research Corporation, San Francisco, Calif. Acyclic polyfluorinated olefins and their preparation. 2,549,580, Apr. 17.
Denison, William C., Jr., Powell, assignor to The Denison Engineering Company, Columbus, Ohio. Apparatus for ornamenting ceramic ware. 2,556,258, June 12.
Denison, William C., Jr., Powell, assignor to The Denison Engineering Company, Columbus, Ohio. Hydraulic press. 2,557,265, June 19.
Denison, William C., Jr., Powell, assignor to The Denison Engineering Company, Columbus, Ohio. Press mechanism. 2,580,078, Dec. 25.
Denison, William E., assignor to Tammen and Denison, Inc., Chicago, Ill. Double compartment metal band package. 2,566,122, Aug. 28.
Denison, William E., and W. S. Stone, assignors to Tammen and Denison, Inc., Chicago, Ill. Oleomargarine package and making. 2,553,513, May 15.
Deniston, George L.: *See*—
Knox, William G., and Deniston.
Denker, Charles T., and J. R. Moore, assignors to The Calefactor Corporation, Chicago, Ill. Boiler. 2,569,294, Sept. 25.
Denker, Charles T., and J. R. Moore, assignors to The Calefactor Corporation, Chicago, Ill. Vertical fire tube steam boiler. 2,573.551, Oct. 30.
Denker, Charles T., and J. R. Moore, assignors to The Calefactor Corporation, Chicago, Ill. Boiler. 2,574,913, Nov. 13.
Denlinger, Carl M., Dayton, Ohio. Crop dusting equipment for aircraft. 2,539,816, Jan. 30.

Denman, Elmer, Roseville, Calif. Centrifugal separator. 2,555,323, June 5.
Denman, Frank, Hillsdale, N. Y. Fruit picking device. 2,545,072, Mar. 13.
Denman, Stephen A., assignor to Piqua Engineering, Inc., Piqua, Ohio. Vibratory motor. 2,559,602, July 10.
Dennett, John: *See*—
Bird, George W. T., and Dennett.
Denney, Lee J., Nutley, and S. R. Wagner, East Orange, N. J., assignors to Federal Telephone and Radio Corporation, New York, N. Y. Mounting structure for telephone exchanges. 2,555,324, June 5.
Denning, Paul S., assignor to F. E. Schundler & Co., Inc., Joliet, Ill. Insulating material. 2,538,236, Jan. 16.
Denning, Thomas J., Hudson, Colo. Cultivator. 2,562,486, July 31.
Dennis, Albert E., Philadelphia, Pa. Racehorse toy. 2,576,674. Nov. 27.
Dennis, E. Lucian, Rockford, Ill., assignor to The Washburn Company, Worcester, Mass. Bicycle basket. 2,541,640, Feb. 13.
Dennis, E. Lucian, Rockford, Ill., assignor to The Washburn Company, Worcester, Mass. Dough blender. 2,573,550, Oct. 30.
Dennis, George E., Raleigh, N. C. Dental bite matrix. 2,572,117, Oct. 23.
Dennis, Wallace L., Gadsden, Ala. Key chain with religious reminder attached thereto. 2,572,703, Oct. 23.
Dennis, William A., assignor of one-half to H. F. Beardslee, Los Angeles, Calif. Auxiliary heat radiator for internal-combustion engines. 2,543,443, Feb. 27.
Dennison, Edward S., Hempfield Township, Westmoreland County, assignor to Elliott Company, Jeannette, Pa. Multiple tubular combustion chamber. 2,565,843, Aug. 28.
Dennison, Lee B., Fernwood, Idaho. Automatic shingle shake forming machine. 2,574,912, Nov. 13.
Dennison Manufacturing Company, assignee: *See*—
Bone, Arnold R.
Ogden, Floyd H.
Owen, Haddon S.
Towne, Harold G.
Truitt, Vale.
Dennison, Robert C., Manchester, Conn. Machine for pressing sheet material. 2,538,086, Jan. 16.
Denny, Frank E., Yonkers, N. Y., assignor to Boyce Thompson Institute for Plant Research, Inc. Hastening sprouting of dormant buds. 2,556,523, June 12.
Denny, William, and Brothers Limited, assignee: *See*—
Allan, James F.
Denocenzo, Antonio, North Hollywood, Calif. Electric razor comb. 2,539,011, Jan. 23.
De Nooijer, Christiaan N. J.: *See*—
De Nie, Willem L. J., and de Nooijer.
De Nora, Oronzio, Milano, Italy. Electrolytic cell with mobile mercury cathode. 2,544,138, Mar. 6.
De Nordiske Fabriker, De-No-Fa, Aktieselskap, assignee: *See*—
Holmboe, Carl F.
De Normanville, Edgar J., Berkhampstead, England. Epicyclic power transmission mechanism. 2,546,091, Mar. 20.
Den Outer, Marius, Rotterdam, Netherlands. Alphabetic index system with registry elements having checking marks obtained by punching. 2,558,546, June 26.
Densel, Robert C., Convoy, Ohio. Fuel oil space heater. 2,570,049, Oct. 2.
Densham, Costin L., Chaldon, England, assignor to Wade Engineering Limited. Compressor. 2,580,006, Dec. 25.
Denslow, Lorenzo C., Washington, D. C. Safety razor with discardable head. 2,563,802, Aug. 14.
Dent, Henry E. R., Rochdale, England, assignor to Colly Products Limited. Device for cutting and slicing vegetables. 2,577,407, Dec. 4.
Dent, Samuel G., Jr., and L. G. S. Brooker, assignors to Eastman Kodak Company, Rochester, N. Y. Preparing polymethine dyes. 2,537,880, Jan. 9.
Dental Perfection Company, assignee: *See*—
Lochridge, Edwin H.
Dentists' Supply Company of New York, The, assignee: *See*—
Saffir, Jacob A.
Thornton, Henry M.
Dentler, Arnold E., La Grange, assignor to W. H. Miner, Inc., Chicago, Ill. Friction shock absorbing mechanisms. 2,571,220, Oct. 16.
Dentler, Arnold E., La Grange, assignor to W. H. Miner, Inc., Chicago, Ill. Shock absorber for railway car trucks. 2,572,453, Oct. 23.
Dentler, Arnold E., La Grange, assignor to W. H. Miner, Inc., Chicago, Ill. Friction shock absorbing mechanism. 2,574,629. Nov. 13.
Denton, Bethel E., Merchantville, N. J., assignor to Radio Corporation of America. Cathode ray deflection system. 2,555,832, June 5.
Denton, Bethel E., Merchantville, N. J., assignor to Radio Corporation of America. Automatic control for wave forms. 2,574,732, Nov. 13.
Denton, Clyde T., Los Angeles, Calif. Waterproof membrane for floor coverings. 2,556,071, June 5.
Denton, Harvey R., Oakland, assignor to Moist-R-Proof Container Co., San Francisco, Calif. Liner and receptacle. 2,556,321, June 12.
Denton, Harvey R., Oakland, Calif. Heat sealing pliofilm. 2,577,183, Dec. 4.
Denton, John J., and R. S. Long, Bound Brook, N. J., assignors to American Cyanamid Company, New York, N. Y. Diazoamino compounds. 2,572,916, Oct. 30.
Denton, John J., Bound Brook, and H. W. Stewart, Plainfield, N. J., assignors to American Cyanamid Company, New York, N. Y. Piperazine oxides and preparing the same. 2,578,053, Dec. 11.
Denton, Marion G., Auburndale, Fla. Stalk cutter. 2,574,468, Nov. 13.
Denton, William I.: *See*—
Chapman, Harold D., and Denton.
Denton, William I., Woodbury, R. B. Bishop, Haddonfield, and E. M. Nygaard, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated. Production of polynitro organic compounds. 2,538,298, Jan. 16.
Denton, William I., Woodbury, and R. B. Bishop, Haddonfield, N. J., assignors to Socony-Vacuum Oil Company, Incorporated. Production of thiophene carbonitriles. 2,551,572, May 8.
Denton, William I., Woodbury, and R. B. Bishop, Haddonfield, N. J., assignors to Socony-Vacuum Oil Company, Incorporated. Production of nitriles. 2,561,787, July 24.
D'Entremont, Franklin R., Lynnfield, Mass., assignor to General Electric Company. Electric induction apparatus. 2,544,658, Mar. 13.
Den Uyl, Anthonie, Wallington, N. J. Manicure stand with magnifier. 2,563,315, Aug. 7.
Denver Wood Products Co., assignee: *See*—
Berglund, Harold R.
Denzler, Berthold, assignor to Davos Products Co., Chicago, Ill. Collet chuck. 2,561,788, July 24.
Denzler, Berthold, Chicago, Ill. Valve tap. 2,564,196, Aug. 14.
Deo, Clyde W., Waterford, assignor to General Motors Corporation, Detroit, Mich. Battery carrier. 2,548,256, Apr. 10.
De Oliveira, Gervasio P., Rio de Janeiro, Brazil. Thermo-insulated stopper or cover for thermos bottles and the like, 2,536,426, Jan. 2.
De Oliveira, Gervasio P., Rio de Janeiro, Brazil. Isothermal food and liquid carrier. 2,543,524, Feb. 27.
De Palma, Vincent, East Haven, Conn. Football game apparatus. 2,573,314, Oct. 30.
De Pasquale, Michael, Brooklyn, assignor of one-half to B. Kushner, Great Neck, N. Y. Silk screen stencil frame. 2,537,306, Jan. 9.
Depew, Charles, Oakland, N. J., and W. A. Depp, Elmhurst, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Multielectrode gaseous discharge devices. 2,579,306, Dec. 18.
De Philip, Joseph R., Pittsburgh, Pa. Tablet counter and dispenser. 2,536,127, Jan. 2.
De Phillips, Henry A., Nutley, N. J. Smoking pipe coating composition. 2,580,079, Dec. 25.
De Poray, Marcel C. K., Rodez (Aveyron), France. Apparatus for heating a fluid by means of solid fuel. 2,554,092, May 22.
De Poy, Stewart M., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Rectifying a neutral salt heat-treating bath. 2,542,637, Feb. 20.
Depp, Wallace A.: *See*—
Depew, Charles, and Depp.
Depp, Wallace A., Elmhurst, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Multiswitching gaseous discharge device. 2,549,064, Apr. 17.
De Pree, Lee: *See*—
Barry, Arthur J., De Pree, and Hook.
De Pree, Lee, Holland, A. J. Barry, and D. E. Hook, assignors to The Dow Chemical Company, Midland, Mich. Chlorosilyl benzenes. 2,580,159, Dec. 25.
De Prez, Charles, Uccle-Brussels, and A. Basilewsky, Bortsfort-Brussels, assignors to Solvay & Cie, Ixelles-Brussels, Belgium. Cells for the electrolysis of alkali salt solutions. 2,550,231, Apr. 24.
De Prez, Charles, Uccle-Brussels, and A. Basilewsky, Bortsfort-Brussels, assignors to Solvay & Cie, Ixelles-Brussels, Belgium. Apparatus for the decomposition of alkali amalgams. 2,551,248, May 1.
De Puy Manufacturing Company, Inc., assignee: *See*—
Longfellow, Earl E.
De Quervain, Alfred: *See*—
Käch, Alfred, and de Quervain.
Der Alexanian, Manoog, Boston, Mass. Opener for containers having weakened closures. 2,554,173, May 22.
Deran Confectionery Co., Inc., assignee: *See*—
Hintlian, Vahan S.
De Ranek, Joseph P., East St. Louis, Ill. Making cores. 2,563,643, Aug. 7.
Derbenwick, Frank, Oakland, J. F. Ryan, Jr., San Leandro, and N. C. Calhoun, Oakland, Calif., assignors to Gerber Products Company, Fremont, Mich. Can washer. 2,538,445, Jan. 16.
Derby, Elmer R., assignor, by mesne assignments, to Foster Grant Co., Inc., Leominster, Mass. Plastic marking composition. 2,566,516, Sept. 4.
Derby, George T., Jacksonville, Fla. Pivoted jaw screw cap remover. 2,541,216, Feb. 13.
Derby, Lloyd A., Adrian, Mich., assignor to Niles Langdon, Toledo, Ohio. Fishing rod. 2,549,295, Apr. 17.

Derby, Palmer P., Boston, assignor to Raytheon Manufacturing Company, Newton, Mass. Electron discharge device of the magnetron type. 2,538,087, Jan. 16.
Derby, Palmer P., Boston, assignor to Raytheon Manufacturing Company, Newton, Mass. Mechanical tuner for cavity resonators. 2,542,908, Feb. 20.
Derby, Palmer P., assignor to Raytheon Manufacturing Company, Weston, Mass. Electron-discharge device for microwave amplification. 2,579,654, Dec. 25.
Derby Sealers, Incorporated, assignee: *See*—
Erhardt, Oscar P
Krueger, Alfred P.
Krueger, Alfred P., and Erhardt.
Derbyshire, Henry G., Johnson City, assignor to General Aniline & Film Corporation, New York, N. Y. Preparing substituted thioacetamides. 2,536,977, Jan. 2.
Derbyshire, Henry G., Johnson City, assignor to General Aniline & Film Corporation, New York, N. Y. Azathiazolone cyanine dyes and their preparation. 2,578,178, Dec. 11.
Derck, Josephine, Sparta, Mich. Strainer. 2,576,332, Nov. 27.
Derderian, Edward J.: *See*—
Kurkjian, Phillip, and Derderian.
Derderian, Edward J., assignor to Elliott Manufacturing Company, Fresno, Calif. Fiber case gluing machine. 2,579,802, Dec. 25.
Derderian, Edward J., assignor to Elliott Manufacturing Company, Fresno, Calif. Case sealing machine. 2,579,803, Dec. 25.
De Reamer, Frank C., Bridgeport, and J. M. Pistey, Fairfield, Conn., assignors to General Electric Company. Lamp socket for elongated tubular discharge lamps. 2,570,104, Oct. 2.
De Reitzes-Marienwert, Maria, assignee: *See*—
Alvarez, Octavio, J.
De Remer, J. G., Research Corporation, assignee: *See*—
De Remer, Jay G.
De Remer, James E., Yellow Springs, Ohio. Retractable air inlet screen for aircraft gas turbines. 2,546,153, Mar. 27.
De Remer, Jay G., Darien, Conn., assignor to J. G. De Remer Research Corporation, Union City, N. J. Washing machine with gyratory washing action. 2,555,400, June 5.
De Remer, Robert B., Williamsport, Pa. Automatic drill chuck. 2,543,958, Mar. 6.
Deri, Hubert B., Rye, N. Y., assignor to General Precision Laboratory Incorporated. Enclosed arc starting device. 2,545,345, Mar. 13.
De Rice, Harold A.: *See*—
Rambo, William H., and De Rice.
Dericks, Arthur W., Columbus, Nebr. Agitator for drill hoppers. 2,573,315, Oct. 30.
Derjavitch, Boris, Paris, France, assignor to International Standard Electric Corporation, New York, N. Y. Electrical pulse train selecting system. 2,559,603, July 10.
Dermack, Roy: *See*—
Ruskin, Samuel, and Dermack.
Derman, Harry, Great Neck, N. Y. Knockdown chest. 2,539,658, Jan. 30.
Derman, Harry, Great Neck, N. Y. Knockdown desk. 2,558,209, June 26.
Dermond, Lawrence C.: *See*—
Jorgensen, Clarence H., and Dermond.
De Rocher, Arthur H., Honolulu, Territory of Hawaii. Fruit juice extractor. 2,556,996, June 12.
De Roe, Edward F., Perryville, Mo. Safety cutout switch. 2,540,246, Feb. 6.
De Rohden, Charles, Neuilly-sur-Seine, M. Kastner, Beaumontel, and M. Paquet, Pouges-les-Eaux, France. Preparing zirconium compounds. 2,564,522, Aug. 14.
De Roo, William C., assignor to Hart & Cooley Manufacturing Company, Holland, Mich. Furnace volume control. 2,541,346, Feb. 13.
De Roo, William C., assignor to Hart & Cooley Manufacturing Company, Holland, Mich. Furnace register frame. 2,566,558, Sept. 4.
De Roque, Harold E., Chicago, Ill. Jet device for feeding air, steam, and chemicals to boiler furnaces. 2,566,320, Sept. 4.
De Rosa, Louis A., Bloomfield, N. J., and B. Howard, Smith Town, N. Y., assignors to Federal Telephone and Radio Corporation. Indicator for direction finders. 2,567,193, Sept. 11.
De Rosa, Louis A., Bloomfield, assignor to Federal Telephone and Radio Corporation, Newark, N. J. Radio-echo distance indicator including vernier means. 2,572,014, Oct. 23.
De Rosa, Louis A., Staten Island, F. J. Lundburg, New York, N. Y., and H. N. Capen, Passaic, N. J., assignors to Federal Telephone and Radio Corporation, New York, N. Y. Antenna. 2,549,783, Apr. 24.
De Rosa, Louis A., Staten Island, F. J. Lundburg, New York, N. Y., and H. N. Capen, Passaic, N. J., assignors to Federal Telephone and Radio Corporation, New York, N. Y. Antenna system. 2,557,951, June 26.
De Rose, Anthony, Chicago, assignor to Abbott Laboratories, North Chicago, Ill. Stable vitamin B_{12} solution. 2,566,123, Aug. 28.
Derouin, Napoleon X.: *See*—
Bourdon, Russell G., and Derouin.
De Rouville, Edward M., Worcester, assignor to United States Envelope Company, Springfield, Mass. Carry bag. 2,555,844, June 5.
Derr, Carl G.: *See*—
Gilbert, Lemuel M., and Derr.
Derr, Elwood L., Berkeley, and J. C. Illman, Albany, assignors to Shell Development Company, San Francisco, Calif. Esterification with allyl type alcohols. 2,557,639, June 19.
Derr, Willard A., Pittsburgh, Pa., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Remote-control system. 2,556,682, June 12.
Derr, Willard A., Wilkinsburg, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Remote metering system. 2,550,109, Apr. 24.
Derrick, Douglas D., Olivette, Mo. Content dispensing device for collapsible tubes. 2,550,537, Apr. 24.
De Rugeris, John, San Jose, Calif. Electrically heated soldering pot. 2,564,427, Aug. 14.
De Saint-Exupéry, Antoine, New York, N. Y., vested in the Attorney General of the United States. System of position finding by electromagnetic waves. 2,536,728, Jan. 2.
De Santis, Fausto G.: *See*—
Cabot, Deane A., and De Santis.
De Santis, Fausto G., Quincy, Mass., assignor, by mesne assignments, to Reconstruction Finance Corporation, Washington, D. C. Pendulous bobbin holder. 2,556,684, June 12.
De Santis, Vincent J., Chatham, N. J., F. L. Hunter, Lake Bluff, Ill., and C. P. Majkrzak, South Orange, N. J., assignors to International Standard Electric Corporation, New York, N. Y. Electron discharge device electrode. 2,552,535, May 15.
Descarsin, Maurice, Paris, France, assignor to General Electric Company. Sheathing electric conductors. 2,545,877, Mar. 20.
Desch, Joseph R., Oakwood, and R. E. Mumma, assignors to The National Cash Register Company, Dayton, Ohio. Electronic impulse-counting and data-storing circuits. 2,556,614, June 12.
Desch, Philip F., Schenectady, N. Y., assignor to General Electric Company. Frequency responsive apparatus. 2,542,638, Feb. 20.
Deschamps, Desire J., Rutherford, N. J., assignor to Bendix aviation Corporation, South Bend, Ind. Hydraulic apparatus. 2,539,571, Jan. 30.
Deschamps, Desire J., Rutherford, N. J., assignor to Deschamps Fuel Injection Corporation, New York, N. Y. Fuel injection pump. 2,567,367, Sept. 11.
Deschamps Fuel Injection Corporation, assignee: *See*—
Deschamps, Desire J.
Des Champs, Olivia S., conservatrix: *See*—
Suhre, Henry E.
Deschner, Walter W.: *See*—
Bodle, William W., and Deschner.
De Selgas y Marin, Ezequiel: *See*—
Laffon y Soto, Alberto, and de Selgas y Marin.
De Selgas y Marin, Ezequiel, Madrid, Spain. Switching means for connecting electrical structures which contain elements in shunt. 2,542,486, Feb. 20.
De Sierra, Marco A. L., Habana, Cuba. Drawing pen. 2,558,828, July 3.
Design Development Corporation, assignee: *See*—
Riha, Cyril M.
Designers for Industry, Inc., assignee: *See*—
Baddour, Maurice F.
Kreiner, Anthony J.
Désilets, Jean P., Grand'Mere, Quebec, Canada. Canoe carrier for motor vehicles. 2,573,187, Oct. 30.
Desilly, Lucien, La Louviere, Belgium. Apparatus for manufacturing tubes and the like from flat metal strips or bands. 2,554,093, May 22.
De Simo, Martin, assignor to Great Lakes Carbon Corporation, Morton Grove, Ill. Explosive composition. 2,566,602, Sept. 4.
Desirello, Narciso, Genoa-Rivarolo, Italy. Optical device for resolving, recombining, mixing, showing, and comparing light rays by means of dispersion prisms. 2,554,243, May 22.
Deskey, Donald, Associates, assignee: *See*—
Kirk, Edward B.
Desloge, George B., University City, assignor to Watlow Electric Manufacturing Company, St. Louis, Mo. Clamping band. 2,545,653, Mar. 20.
Desloge, Joseph, Florissant, assignor to Killark Electric Manufacturing Company, St. Louis, Mo. Conduit box. 2,538,088, Jan. 16.
Desmond, Charles F., Corfu, N. Y., assignor to Houdaille-Hershey Corporation, Detroit, Mich. Safety coupling for shafts. 2,537,122, Jan. 9.
Desnoes, Arnold B., Massapequa, N. Y., assignor to American Telephone and Telegraph Company. Telephone substation having hearing aid facilities. 2,546,334, Mar. 27.
Desnoyers, Archie J., Fitchburg, Mass. Apparatus for making dental plates. 2,565,481, Aug. 28.
Desnoyers, Archie J., Fitchburg, Mass. Molding press for plastic dental plates. 2,571,546, Oct. 16.
Desorbay, Germaine M. H., Paris, France. Nitric acid-sodium hydroxide digestion of lignocellulose. 2,571,993, Oct. 23.
De Sousa, Frank P., Chicago, Ill. Angle block. 2,536,629, Jan. 2.

Despard, Victor R., assignor to Pass & Seymour, Inc., Syracuse, N. Y. Box cover switch. 2,558,739, July 3.

Despard, Victor R., Syracuse, assignor to Pass & Seymour, Inc., Solvay Station, Syracuse, N. Y. Mounting strap for interchangeable wiring devices. 2,560,506, July 10.

Despard, Victor R., Syracuse, assignor to Pass & Seymour, Inc., Solvay Station, Syracuse, N. Y. Mounting strap for interchangeable wiring devices. 2,560,507, July 10.

D'Esposito, Julian C.: *See*—
Kells, Benjamin F., and D'Esposito.

Despres, Jean, New York, N. Y. Container antirolling attachment and label. 2,554,018, May 22.

Dessarzin, Raymond, Le Havre, assignor to Compagnie Electro-Mecanique, Paris, France. Autotransformer. 2,560,385, July 10.

Dessauer, John H., Pittsford, and M. A. Insalaco, assignors to The Haloid Company, Rochester, N. Y. Making photographic sensitizing dyes. 2,578,677, Dec. 18.

Dessauer, Walter L., New York, N. Y. Readily adjustable garment. 2,570,777, Oct. 9.

Desso, Rufus D., Somers, Conn. Tire chain hook. 2,549,675, Apr. 17.

De Sternberg, Jaime, Courbevoie, France. Mold section locking device for pressure die casting machines. 2,564,884, Aug. 21.

De Sternberg, Jaime, Courbevoie, France. Injection mechanism for pressure die-casting machines. 2,564,885, Aug. 21.

De Sternberg, Jaime, Courbevoie, France. Molten metal supplying device for pressure die-casting machines. 2,575,162, Nov. 13.

De Stoutz, William P., Lausanne, Switzerland. Apparatus for treating liquids with radiation. 2,577,879, Dec. 11.

De Stramp, Louise: *See*—
Hinton, Ora A., and De Stramp.

De Swart, Jan, Los Angeles, Calif., assignor to Shellmar Products Corporation, Chicago, Ill. Shelf support 2,542,753, Feb. 20.

De Swart, Jan, Los Angeles, Calif., assignor, by mesne assignments, to Shellmar Products Corporation, Mount Vernon, Ohio. Eyelet and securing the same. 2,550,788, May 1.

De Swart, Jan, Los Angeles, Calif, assignor, by mesne assignments, to Illinois Tool Works, Chicago, Ill. Shelf support. 2,553,960, May 22.

De Swart, Jan, Los Angeles, Calif., assignor, by mesne assignments, to Illinois Tool Works, Chicago, Ill. Grommet. 2,559,759, July 10.

De Swart, Jan, Los Angeles, Calif., assignor, by mesne assignments, to Illinois Tool Works, Chicago, Ill. Toy construction element. 2,577,702, Dec. 4.

De Sylva, Oscar J., assignor, by mesne assignments, to Shellmar Products Corporation, Mount Vernon, Ohio. Article of manufacture and method. 2,563,316, Aug. 7.

Detch, Lewis, Wilkinsburg, Pa. Cartridge fuse. 2,548,290, Apr. 10.

Deters, Elmer M.: *See*—
Bovee, John L., Jr., and Deters.

Deters, Elmer M., assignor to Red Jacket Manufacturing Co., Davenport, Iowa. Liquid level control system and valve therefor. 2,556,872, June 12.

Deters, Elmer M., assignor to Red Jacket Manufacturing Co., Davenport, Iowa. Automatic air volume control for liquid supply systems. 2,578,050, Dec. 11.

Deters, John F.: *See*—
Lien, Arthur P., Hill, and Deters.

Detherow, Jacob A., Greensburg, Kans. Gas distribution method and apparatus. 2,537,815, Jan. 9.

Detienne, Adolphe, executor: *See*—
France, Antoine.

Detrex Corporation, assignee: *See*—
Dinley, Clarence F.
Hamacher, Joseph D., and Barns.
Kearney, Thomas J.
Secrist, John H., and Petering.
Smith, Chester W.

Détrez, René: *See*—
Gorgerat, Jean, and Détrez.

Détrez, René, Nogent-sur-Marne, France. Stoppering and the like machines having hydraulic moving and locking means. 2,544,009, Mar. 6.

Detrick, M. H., Company, assignee: *See*—
Higgins, Robert W.
Pollen, Charles F.

Detroit Broach Company, assignee: *See*—
Kaplan, Leo I., and von Reis.

Detroit Gasket & Manufacturing Company, assignee: *See*—
Barrett, John L.

Detroit Hardware Manufacturing Company, assignee: *See*—
Jewett, Deane N.

Detroit Harvester Company, assignee: *See*—
Abgarian, Aram.
Floraday, Burton S.
Hale, Clifford E.
Keller, August, and McLeod.
Keller, August, and Votypka.
McLeod, Stewart B.
Votypka, John W.

Detroit Lubricator Company, assignee: *See*—
Carter, Franklyn Y.
Dillman, Earnest J.
Dillman, Earnest J., and Noakes.
Foulds, Andrew K.
Landon, Walter S.
Welby, Henry R.

Detroit Macoid Corporation, assignee: *See*—
Bradley, Stephen D.
Reedy, Alfred J.

Detroit Michigan Stove Company, assignee: *See*—
Lucas, Ralph, and Reedy.
Pellegrin, Elmer D.

Detroit Power Screwdriver Company, assignee: *See*—
Bailey, Roy W., and Faull.

Detroit Steel Products Company, assignee: *See*—
Randall, William C.

Detroit Stoker Company, assignee: *See*—
Wagner, Herbert L.

Dettmer, Edward V.: *See*—
Klein, Walter A., Trull, and Dettmer.

Detuno, Rocco J., Kenmore, assignor to Western Electric Company, Incorporated, New York, N. Y. Apparatus for determining fluent level. 2,541,576, Feb. 13.

Detweiler, Frederick H.: *See*—
Morris, Richard L., and Detweiler.

Detwiler, Earl B., Old Greenwich, Conn., assignor to American Cyanamid Company, New York, N. Y. Mixture of melamine-formaldehyde resin and acetanilide curing catalyst. 2,559,349, July 3.

Detwiler, Florence I., Cleveland, Ohio. Fabric support for ironing boards. 2,551,530, May 1.

Detwiler, Merle C., New Enterprise, Pa., assignor to The Fate-Root-Heath Company, Plymouth, Ohio. Tractor seat mounting. 2,559,853, July 10.

Detwyler, John M., assignee: *See*—
Cheney, Ralph G.

Detzel, Jacob J., assignor to Kayware Corporation, Chicago, Ill. Bottle closure device. 2,573,552, Oct. 30.

Deubel, Joseph, Garfield, N. J. Flexible coupling for shafts. 2,567,663, Sept. 11.

Deubel, Justin A., Hales Corners, assignor to Perfex Corporation, Milwaukee, Wis. Thermostatic stoker control system. 2,573,661, Oct. 30.

Deuillet, George W., Massapequa, N. Y. Bobby pin opener ring or the like. 2,543,356, Feb. 27.

Deupree, Edwin A., Oklahoma City, Okla. Well bridge. 2,577,610, Dec. 4.

Deuring, Edward E.: *See*—
Brown, Carl S., and Deuring.

Deuring, William G., Cleveland, Ohio. Overhead garage door and operating means. 2,544,952, Mar. 13.

Deutsch, Alexander T., Cincinnati, Ohio. Roll machine. 2,574,548, Nov. 13.

Deutsch Company, The, assignee: *See*—
Douglas, Courtney C., and Thrall.

Deutsch, Franz S., Richmond, and L. H. P. Weldon, Hughenden, Cart Bridge, Send, assignors to British Resin Prducts Limited, London, England. Stabilization of polymeric resins with bismuth salts. 2,560,160, July 10.

Deutsch, Fred M., Neenah, M. Warzinik, and A. M. Meier, Menasha, assignors to Marathon Corporation, Rothschild, Wis. Method and apparatus for packaging. 2,567,598, Sept. 11.

Deutsch, Fritz A., Caracas, Venezuela. Calculating machine. 2,569,804, Oct. 2.

Deutsch, Fritz A., New York, N. Y. Ordinal trans-setting mechanism for registers. 2,539,659, Jan. 30.

Deutsch, Harold F.: *See*—
Williams, John W., and Deutsch.

Deutsch, Leo E., assignor to Deutsch Lock Company, Hammond, Ind. Key-operable permutation lock. 2,557,028, June 12.

Deutsch Lock Company, assignee: *See*—
Deutsch, Leo E.

Deutsch, Simon, and R. A. Manning, assignors to Moe-Bridges Corporation, Sheboygan, Wis. Mounting enclosure for lighting fixtures. 2,569,518, Oct. 2.

De Valle-Arizpe, Harmodio A., Colonia Portales, Mexico City, Mexico. Calculating machine. 2,575,866, Nov. 20.

De Vane, Augustus H., Hot Springs, Ark. Advertising dummy. 2,570,778, Oct. 9.

De Vaney, Fred D., assignor to Erie Mining Company, Hibbing, Minn. Pelletizing ore fines. 2,543,898, Mar. 6.

Devaney, Lawrence W.: *See*—
Neuhaus, Max, Conary, and Devaney.

Devaney, Lawrence W., Waco, Tex., assignor to The Texas Company, New York, N. Y. Fused cyclic thiophenes. 2,537,446, Jan. 9.

Devaney, Lawrence W., Waco, Tex., J. T. Clarke, Columbus, Ohio, and C. H. Culnane, Beacon, assignors to The Texas Company, New York, N. Y. Thiophene preparation from hydrocarbons, alcohols, or monohalo hydrocarbons and sulfur dioxide. 2,558,716, July 3.

Devanney, Raymond H., Berlin, assignor to Veeder-Root Incorporated, Hartford, Conn. Counter. 2,572,015, Oct. 23.

De Vaughn, Charles C., Sharonville, Ohio. Lamp supporting clamp for vehicles and the like. 2,556,615, June 12.

De Vault, Robert A., Portland, Oreg. Roller skate. 2,537,213, Jan. 9.

Devaux, Lucien, Paris, France, assignor to International Standard Electric Corporation, New York, N. Y. Impulse generator with feeler and displaceable register members. 2,537,974, Jan. 16.
De Velbiss, C. Dudley, assignee: *See*—
Gutensohn, Charles V.
Development Corporation, Inc., assignee: *See*—
Thomas, Frank S., Jr.
Development Corporation of America, assignee: *See*—
Purcell, Lee J.
Development & Design, Inc., assignee: *See*—
Reiss, Ernest, and Gewertz.
De Venne, John E., Waltham, Mass. Implement for setting jewel pins. 2,547,198, Apr. 3.
De Vilbiss Company, The, assignee: *See*—
Carr, William P.
Clark, Albert R.
Gamble, Harold R.
Peeps, Donald J.
Peeps, Donald J., Schmitt, and Daggett.
Perrin, James E.
Deville, René S.: *See*—
Bauchesne, Paul, and Deville.
Devillers, René, assignor to Societe Anonyme des Ateliers d'Aviation Louis Breguet, Paris, France. Adjustable power transmission. 2,569,559, Oct. 2.
Devine, George F., Marcellus, N. Y., assignor to General Electric Company. Audio amplifier system. 2,566,057, Aug. 28.
Devine, James H., and W. T. Halvorsen, Chicago, Ill. Receptacle and cover therefor. 2,564,834, Aug. 21.
Devine, Paul S., assignee: *See*—
Preston, Grace D.
Devine, Thomas A., Newark, N. J. Sun hood for reflex cameras. 2,572,915, Oct. 30.
De Vito, Angelo R., Cleveland Heights, assignor to R. I. Schonitzer, Cleveland, Ohio. Door check and holding device. 2,544,528, Mar. 6.
DeVito, Charles P., assignor to Alcon Metal Products, Inc., Chicago, Ill. Electrical plug and socket combination. 2,551,423, May 1.
De Vlieg, Charles B., Farmington, Mich. Metal cutting tool. 2,537,517, Jan. 9.
De Vlieg, Charles B., Farmington, Mich. Machine tool positioning mechanism. 2,575,945, Nov. 20.
De Vlieg, Charles B., Farmington, and E. E. Stegner, Detroit, Mich., said Stegnor assignor to said De Vlieg. Automatic positioning means for machine-tool supports and other supports. 2,561,346, July 24.
Devlin, George A., Grosse Ile, Mich., assignor to Barnes Manufacturing Co., Mansfield, Ohio. Pump. 2,567,699, Sept. 11.
Devlin, Paul A., San Francisco, R. R. Whetstone, Albany, and E. C. Shokal, Oakland, assignors to Shell Development Company, San Francisco, Calif. Condensation products of unsaturated ether-aldehydes, polymers thereof, and producing the same. 2,561,613, July 24.
De Voe, Charles F., assignor to Corning Glass Works, Corning, N. Y. Method and apparatus for stirring glass. 2,569,459, Oct. 2.
Devoe & Raynolds Company, Inc., assignee: *See*—
Greenlee, Sylvan O.
Madison, Ralph E.
Madison, Ralph E., and Fairbrother.
Zech, John D.
Devon, Harry J., Mount Lebanon, assignor to Jas. H. Matthews & Co., Pittsburgh, Pa. Marking device. 2,536,798, Jan. 2.
Devor, Don S., assignor to Houdaille-Hershey Corporation, Detroit, Mich. Hand brake lever and lock. 2,553,753, May 22.
De Vorsey, Louis J., Lyndhurst, N. J. Animal trap. 2,562,417, July 31.
De Vriend, Johannes A., and G. D. Rieck, Eindhoven, Netherlands, assignors to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Flashlight lamp. 2,554,094, May 22.
De Vries, Abraham and L., Amsterdam, Netherlands. Extensible spring balance. 2,565,804, Aug. 28.
De Vries, Abraham and L., Amsterdam, Netherlands. Sash balancing mechanism. 2,577,953, Dec. 11.
De Vries, Gerrit, Eindhoven, Netherlands, assignor to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Device for amplifying or generating electric oscillations of very high frequency. 2,545,073, Mar. 13.
De Vries, John, Boston, Mass. Safety ink. 2,555,474, June 5.
De Vries, Louis: *See*—
De Vries, Abraham, and L.
De Vries, Willem C., assignor to Staatsbedrijf Der Posterijen, Telegrafie En Telefonie, The Hague, Netherlands. Telephone signaling device. 2,567,148, Sept. 4.
De Vry, Albert G., Chicago, Ill. Photo record book. 2,542,754, Feb. 20.
DeVry Corporation, assignee: *See*—
D'Arcy, Ellis W.
De Waal, Hermanus L., Pretoria, assignor to Agricura Laboratoria Limited, Johannesburg, Transvaal, Union of South Africa. Photochemical production of benzene hexachloride. 2,550,046, Apr. 24.
De Waern, Bror A., Akeslund, Sweden. Engine cooling. 2,545,807, Mar. 20.
De Walt Inc., assignee: *See*—
Schutz, Ewald.
De Walt, Kenneth C., Scotia, N. Y., assignor to General Electric Company. Electrode structure for electric discharge devices. 2,542,639, Feb. 20.
Dewandre, Albert, Brussels, assignor to Servo-Frein Dewandre, Societe Anonyme, Liege, Belgium. Motor pump and fan set for automobile vehicles. 2,538,299, Jan. 16.
Dewandre, Albert, Brussels, assignor to Servo-Frein Dewandre Société Anonyme, Liege, Belgium. Hydraulic control circuit for allowing independent or joint control of a plurality of servomotors. 2,559,065, July 3.
Dewandre, Albert, Brussels, Belgium. Compressed fluid distributor. 2,568,722, Sept. 25.
Dewandre, Albert, Brussels, Belgium. Relay valve for compressed fluids. 2,568,723, Sept. 25.
Dewas, Raymond, Amiens, France. Weft inserting device. 2,567,993, Sept. 18.
De Weiss, Ferdinand A.: *See*—
Tandler, Williams, de Weiss, Walker, and Frering.
De Wet, Charl L. R., Neenah, Wis., assignor to International Cellucotton Products Company, Chicago, Ill. Sanitary napkin. 2,542,909, Feb. 20.
Dewey and Almy Chemical Company, assignee: *See*—
Besse, Arthur L., Jr.
Fairbank, Benjamin A.
Merrill, Edward W.
Dewey, Clarence L., Elkhart, assignor to Bendix Aviation Corporation, South Bend, Ind. Machine and method for closing metal tubes. 2,568,991, Sept. 25.
Dewey, Clarence L., Grand Rapids, Mich. Rotary peener. 2,561,101, July 17.
Dewey, Clarence L., Grand Rapids, Mich. Handle for screw drivers or the like. 2,577,651, Dec. 4.
Dewey, Clyde G., Philadelphia, Pa., assignor to General Electric Company. Grounded phase selector. 2,560,217, July 10.
Dewey, Clyde G., Philadelphia, Pa., assignor to General Electric Company. Out-of-step protective system. 2,561,848, July 24.
Dewey, Edward B., Washington, D. C. Combined roller and harrow. 2,545,265, Mar. 13.
Dewey, Edward B., Washington, D. C. Planter. 2,556,072, June 5.
Dewey, Janette D., Canandaigua, N. Y. Pamphlet identifying device. 2,576,783, Nov. 27.
Dewey, Leslie E.: *See*—
Squier, Ralph T., and Dewey.
Dewey, Maurice J., Detroit, Mich. Gas-fired immersion heating apparatus. 2,543,835, Mar. 6.
Dewey, Raymond E., assignor to The Ohio Seamless Tube Company, Shelby, Ohio. Quenching apparatus for heat-treated workpieces. 2,542,237, Feb. 20.
Dewey, Russell A.: *See*—
Pitcher, Denzil F., and Dewey.
Dewhirst, Joseph F., Bridgeport, Conn. Device for automatically stopping motor vehicle engines after predetermined idling period. 2,580,080, Dec. 25.
Dewhirst, Paul A., assignee: *See*—
Hamer, Leland S.
Dewhurst, Wallace W., Oaklyn, N. J., assignor to Radio Corporation of America. Radio receiver tuning mechanism. 2,555,475, June 5.
De Wilde, Andrew A., New York, N. Y. Spinning device for earring screw clamps. 2,572,601, Oct. 23.
DeWitt, Charles C., Fruitland P. O., Ontario, Canada. Offset tiller operated by tractor power take-off. 2,547,568, Apr. 3.
De Witt, Chauncey O., Teaneck, N. J., assignor to Westinghouse Air Brake Company. Fluid pressure brake equipment. 2,575,946, Nov. 20.
De Witt, Earl G.: *See*—
Shapiro, Hymin, and De Witt.
De Witt, Walter M., Sr., Sommerville, N. J., assignor to Johns-Manville Corporation, New York, N. Y. Packing. 2,562,262, July 31.
De Witt, William J.: *See*—
Goodfellow, Isaac, and De Witt.
De Witt, William L., Upper Darby, Pa. Computing instrument. 2,569,295, Sept. 25.
Dewrance & Company Limited, assignee: *See*—
Hunter, Richard H., and Seeds.
Dewyer, Peter J., Libertyville, Ill. Machine for cutting short lengths of tape from a strip and applying the same to articles. 2,543,004, Feb. 27.
Dexdale Hosiery Mills, assignee: *See*—
Berger, Emil J., and West.
Dexter Folder Company, assignee: *See*—
Baker, Leonard.
Baker, Leonard, and Schneider.
Dexter, Martin: *See*—
Dutcher, James D., Bernstein, and Dexter.
Dey, Anthony R., New Haven, Conn., assignor to Gaspray Corp., New York, N. Y. Valved closure for vessel with fluid under pressure, having manually operated valve actuator. 2,565,954, Aug. 28.
Dey, George E., assignor to Doehler-Jarvis Corporation, Grand Rapids, Mich. Escutcheon for handles. 2,553,639, May 22.
De Young, Verne J., Spring Lake, assignor to Sturgis Posture Chair Company, Sturgis, Mich. Adjustable bisectional back rest. 2,578,879, Dec. 18.

Deyrup, Alden J., Westfield, N. J., and J. H. Peterson, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Enameling aluminum-rich alloys. 2,544,139, Mar. 6.

Deyrup, Alden J., Westfield, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Coating wire-wound electrical resistors. 2,568,847, Sept. 25.

Dezorze, Joseph, Caspian, Mich. Rigid jaw, enclosed wrench having manually controlled nut ejector. 2,543,444, Feb. 27.

De Zubay, Egon A., and R. A. Sforzini, Pittsburgh, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Combustion chamber with stepped wall construction. 2,573,694, Nov. 6.

Dezzani, John, Los Angeles, Calif., assignor to All-American Novelty Company, Inc. Electric signal switch. 2,547,199, Apr. 3.

D'Humy, Fernand E., Scarsdale, N. Y., and R. J. Wise, Dunellen, N. J., assignors to The Western Union Telegraph Company, New York, N. Y. Disk type magnetic recording-reproducing apparatus. 2,537,657, Jan. 9.

Dial, William R., Akron, Ohio, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Diethylene glycol bis (S-phenylthiocarbonate). 2,537,518, Jan. 9.

Diamond Alkali Company, assignee: *See*—
Baxter, George E.
Brumbaugh, Chester C.
Dunning, Clayton L.
Hill, Archie, and Burkholder.
Hirsch, Alfred.
Hulme, Richard E.
Koll, Robert J.
Skeeters, Maxwell J., and Esselstyn.

Diamond Chain Company, Inc., assignee: *See*—
Covert, William V., and Mize.

Diamond, Emanuel, Philadelphia, assignor of one-half to C. Frankford, Havertown, Pa. Umbrella construction. 2,571,122, Oct. 16.

Diamond, Hiram, Mattapan, Mass. Oil burner lighter. 2,541,750, Feb. 13.

Diamond, Horace W., Chicago, Ill., and F. G. Miller, Denville, N. J., assignors to General Foods Corporation, New York, N. Y. Salt product. 2,539,012, Jan. 23.

Diamond, Hymen, Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Ultra high frequency generator. 2,568,325, Sept. 18.

Diamond Instrument Company, assignee: *See*—
Case, Frank D.

Diamond Power Specialty Corporation, assignee: *See*—
Good, James A.
Howse, Curtis L.

Diamond Straw & Machine Corporation, assignee: *See*—
Franco, Salvatore A.

Dianda, Arthur E., New York, N. Y. Handle for screw drivers and other hand tools. 2,564,356, Aug. 14.

D'Ianni, James D., assignor to Wingfoot Corporation, Akron, Ohio. Treatment of rubber. 2,564,640, Aug. 14.

D'Ianni, James D., assignor to Wingfoot Corporation, Akron, Ohio. Rubber derivatives. 2,571,345, Oct. 16.

D'Ianni, James D., assignor to Wingfoot Corporation, Akron, Ohio. Chlorinated polyisoprene. 2,571,346, Oct. 16.

Diapette, Inc., assignee: *See*—
Bricmont, George A.
McKhann, Charles F., and Bricmont.

Dias, John A., Bandra, Bombay, India. Arrangement for automatically steering a ship on a predetermined course. 2,541,217, Feb. 13.

Díaz-Compain, Jerónimo, Camaguey-Central Senado, Cuba, Clarifier. 2,536,729, Jan. 2.

Dibble, Frank B., Pleasantville, N. Y., assignor to General Precision Laboratory Incorporated. Sound film drive. 2,577,652, Dec. 4.

Di Biase, Antonio, Duncannon, Pa. Apparatus for lifting and displacing railroad rails and frogs. 2,578,969, Dec. 18.

Dible, Graham W., Los Angeles, Calif. Refrigerant and method. 2,538,863, Jan. 23.

Dibraze Corporation, assignee: *See*—
Clark, Jesse H., Grahn, Overend, and Cole.

Dice, Henry K., Corpus Christi, Tex., assignor to Celanese Corporation of America. Production of formaldehyde from oxidation of butane. 2,570,215, Oct. 9.

Dice, Henry K., and R. L. Mitchell, Corpus Christi, Tex., assignors to Celanese Corporation of America. Treatment of oxidation products. 2,570,216, Oct. 9.

Dice, Henry K., and R. L. Mitchell, Corpus Christi, Tex., assignors to Celanese Corporation of America, New York, N. Y. Concentration process. 2,570,217, Oct. 9.

Di Cerbo, Patrick M.: *See*—
Loritsch, John A., and Di Cerbo.

Dick, A. B., Company, assignee: *See*—
Chambers, Thomas S., and Florence.
Stephenson, Paul A.

Dick, Henry, Jr., Portland, Oreg. Multiple purpose radial saw. 2,559,283, July 3.

Dick, Herman J.: *See*—
Miller, Sidney E., and Dick.

Dick, James E., Alamosa, Colo. Fish basket. 2,566,719, Sept. 4.

Dick, Marion T., assignor to Cadet Smokestands Company, Des Moines, Iowa. Receptacle construction. 2,567,166, Sept. 11.

Dick, Robert T., assignor of two-thirds to F. C. Burum, Houston, and one-third to G. B. Lindler, Harris County, Tex. Parking meter system. 2,546,433, Mar. 27.

Dicke, Carl H., assignor, by mesne assignments, to Crown Controls Company, Inc., New Bremen, Ohio. Temperature control system with signal. 2,548,424, Apr. 10.

Dicke, Oscar H., Rochester, N. Y. Radio cycle summation measuring apparatus. 2,540,076, Feb. 6.

Dicke, Oscar H., Rochester, assignor to International Business Machines Corporation, New York, N. Y. Sustained power electric clock. 2,558,935, July 3.

Dicke, Robert H., Cambridge, Mass., assignor, by mesne assignments, to the United States of America as represented by the Secretary of War. Radio-frequency mixer. 2,547,378, Apr. 3.

Dicke, Robert H., Princeton, N. J. Electric current integrating apparatus. 2,567,276, Sept. 11.

Dickens, Lonnie A., High Point, N. C. Speed regulating hydraulic clutch. 2,551,249, May 1.

Dickenson, Ernest H., Johannesburg, Transvaal, Union of South Africa, assignor to Ingersoll-Rand Company, New York, N. Y. Self-cleaning strainer for fluids. 2,557,375, June 19.

Dickerman, Fred N.: *See*—
Heffernan, Robert C., and Dickerman.

Dickerman, Fred N., Bridgeport, assignor to United Aircraft Corporation, East Hartford, Conn. Cable tensioning and retracting device for bomb supports. 2,555,635, June 5.

Dickerman, Fred N., Nichols, assignor to United Aircraft Corporation, East Hartford, Conn. Tail wheel installation. 2,563,518, Aug. 7.

Dickerman, Harry K.: *See*—
Nyden, Robert, and Dickerman.

Dickerson, Fred, Bellaire, Mich. Ice-fishing shelter. 2,546,730, Mar. 27.

Dickert, Yancey J.: *See*—
Britton, Edgar C., Dickert, and White.

Dickey, John W., Elmira, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Electrically heated steam generator and power unit. 2,548,708, Apr. 10.

Dickey, John W., Elmira, assignor to Bendix Aviation Corporation, Elmira Heights, N. Y. Electrical heating system. 2,552,480, May 8.

Dickey, John W., Newfield, N. Y., assignor to Bendix Aviation Corporation. Electrosteam actuator. 2,578,992, Dec. 18.

Dickey, Joseph B.: *See*—
Coover, Harry W., Jr., and Dickey.
Stanin, Theodore E., and Dickey.

Dickey, Joseph B., assignor to Eastman Kodak Company, Rochester, N. Y. Lactonization of α-acyloxyacrylonitrile polymers. 2,537,881, Jan. 9.

Dickey, Joseph B., assignor to Eastman Kodak Company, Rochester, N. Y. 1-fluoroalkylamino-4-arylaminoanthraquinone compounds. 2,537,975, Jan. 16.

Dickey, Joseph B., assignor to Eastman Kodak Company, Rochester, N. Y. Alpha-fluoromethacrylamides and polymers thereof. 2,541,465, Feb. 13.

Dickey, Joseph B., assignor to Eastman Kodak Company, Rochester, N. Y. Alpha-fluoromethyl acrylonitriles and copolymers thereof. 2,541,466, Feb. 13.

Dickey, Joseph B., assignor to Eastman Kodak Company, Rochester, N. Y. 1-hydroxy-4-polyfluoroalkylaminoanthraquinone compounds. 2,543,767, Mar. 6.

Dickey, Joseph B., assignor to Eastman Kodak Company, Rochester, N. Y. α-anthrapyridinequinone compounds. 2,552,263, May 8.

Dickey, Joseph B., and E. B. Towne, assignors to Eastman Kodak Company, Rochester, N. Y. Amino-anthraquinone compounds containing a trifluoromethyl group and a polyfluoroalkylamino group. 2,537,976, Jan. 16.

Dickey, Joseph B., and E. B. Towne, assignors to Eastman Kodak Company, Rochester, N. Y. 1-fluoroalkylamino-2-trifluoromethyl-4-arylaminoanthraquinone compounds. 2,539,406, Jan. 30.

Dickey, Joseph B., and A. Loria, assignors to Eastman Kodak Company, Rochester, N. Y. 1,4 diaminoanthraquinone compounds containing a carboxy-β-tetrahydrofurfuroxyalkylamide group in the 2-position. 2,549,784, Apr. 24.

Dickey, Joseph B., H. W. Coover, Jr., and N. H. Shearer, Jr., assignors to Eastman Kodak Company, Rochester, N. Y. Cyclohexene phosphonates and their preparation. 2,550,651, Apr. 24.

Dickey, Joseph B., and H. W. Coover, assignors to Eastman Kodak Company, Rochester, N. Y. Acrylic acid esters containing a dialkylphosphono group and polymers prepared therefrom. 2,559,854, July 10.

Dickey, Joseph B., and H. W. Coover, Jr., assignors to Eastman Kodak Company, Rochester, N. Y. Polymerization with organic tertiary amine catalysts. 2,559,855, July 10.

Dickey, Joseph B., and H. W. Coover, Jr., assignors to Eastman Kodak Company, Rochester, N. Y. α-substituted acrylic acids and esters and polymers thereof. 2,563,776, Aug. 7.

Dickey, Joseph B., Rochester, N. Y., and J. G. McNally, Kingsport, Tenn., assignors to Eastman Kodak Company, Rochester, N. Y. Copolymers of β,β-difluoroacrylic acid esters. 2,571,687, Oct. 16.

Dickey, Joseph B., Rochester, N. Y., and J. G. McNally, Kingsport, Tenn., assignors to Eastman Kodak Company, Rochester, N. Y. Monoazo compounds containing a 4,6-dihydroxypyrimidine nucleus. 2,578,290, Dec. 11.
Dickey, Paul S.: *See*—
Bailey, Ervin G., and Dickey.
Dickey, Paul S., East Cleveland, Ohio, assignor to Bailey Meter Company. Furnace control system. 2,540,778, Feb. 6.
Dickey, Paul S., East Cleveland, Ohio, assignor to Bailey Meter Company. Vapor generating and control system. 2,580,345, Dec. 25.
Dickey, Ralph L., Shaker Heights, C. R. Austin, and A. E. Pavlish, Columbus, assignors to The Kelley Island Lime and Transport Company, Cleveland, Ohio. Plaster and plastering. 2,556,031, June 5.
Dickey, Richard E.: *See*—
Sorg, Leonard V., Dickey, and Weaverling.
Dickey, William K., Oklahoma City, Okla., and E. C. Rohde, Marblehead, Mass., assignors to General Electric Company. Continuous reading dead-weight pressure gauge. 2,564,470, Aug. 14.
Dickhart, Dewey B.: *See*—
Fox, Gerald B., and Dickhart.
Dickhaut, Charles A., Highland Park, and B. R. Newcomb, Bound Brook, N. J., assignors to John Waldron Corporation. Apparatus for coating webs. 2,545,266, Mar. 13.
Dickie, John A.: *See*—
Efromson, Philip C., Dickie, and Lewis.
Dickinson Albert G., assignee: *See*—
Kenyon, Bertrand F.
Dickinson, Arthur H., Greenwich, Conn., assignor to International Business Machines Corporation, New York, N. Y. Electronic counting system. 2,536,916, Jan. 2.
Dickinson, Arthur H., Greenwich, Conn., assignor to International Business Machines Corporation, New York, N. Y. Commutator. 2,536,917, Jan. 2.
Dickinson, Arthur H., Greenwich, Conn., assignor to International Business Machines Corporation, New York, N. Y. Keyboard. 2,543,899, Mar. 6.
Dickinson, Arthur H., Greenwich, Conn., assignor to International Business Machines Corporation, New York, N. Y. Electronic trigger. 2,551,103, May 1.
Dickinson, Arthur H., Greenwich, Conn., assignor to International Business Machines Corporation, New York, N. Y. Asymmetrical trigger circuit. 2,551,104, May 1.
Dickinson, Arthur H., Greenwich, Conn., assignor to International Business Machines Corporation, New York, N. Y. Electronic counter. 2,558,936, July 3.
Dickinson, Arthur H., Greenwich, Conn., assignor to International Business Machines Corporation, New York, N. Y. Trigger circuits. 2,562,530, July 31.
Dickinson, Arthur H., Greenwich, Conn., assignor to International Business Machines Corporation, New York, N. Y. Linear variation of phase of an oscillator. 2,562,531, July 31.
Dickinson, Arthur H., Greenwich, Conn., assignor to International Business Machines Corporation, New York, N. Y. Electronic counter. 2,566,933, Sept. 4.
Dickinson, Arthur H., Greenwich, Conn., assignor to International Business Machines Corporation, New York, N. Y. Multivibrator. 2,577,074, Dec. 4.
Dickinson, Arthur H., Greenwich, Conn., assignor to International Business Machines Corporation, New York, N. Y. Binary-decade counter. 2,577,075, Dec. 4.
Dickinson, Arthur H., Scarsdale, assignor to International Business Machines Corporation, New York, N. Y. Commutator. 2,573,316, Oct. 30.
Dickinson, Becton, and Company, assignee: *See*—
Lawshe, Errol R.
Dickinson, Charles C., St. Johns, Mich. Rotary agitator for generating oscillating motion. 2,551,206, May 1.
Dickinson, Ernest G.: *See*—
Kelley, Bartram, and Dickinson.
Dickinson, Harold O., assignor to Ilford Limited, Ilford, England. Production of colloidal silver. 2,571,688, Oct. 16.
Dickinson, Henry R., assignor to Grand Rapids Hardware Company, Grand Rapids, Mich. Releasable float. 2,569,977, Oct. 2.
Dickinson, John T., Basking Ridge, assignor to The M. W. Kellogg Company, Jersey City, N. J. Extraction of oleiferous materials. 2,560,935, July 17.
Dickinson, Norman L.: *See*—
King, Charles C., and Dickinson.
Dickinson, Norman L., Basking Ridge, E. F. Everett, Plainfield, and L. R. Hill, Ridgewood, assignors to The M. W. Kellogg Company, Jersey City, N. J. Synthesis of organic compounds. 2,568,953, Sept. 25.
Dickinson, Richard H., Old Windsor, assignor to Hygroequipments Limited, London, England. Pump. 2,560,851, July 17.
Dickinson, Robert C., and R. E. Frink, Pittsburgh, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Circuit interrupter. 2,558,075, June 26.
Dickinson, Theodore M., Schenectady, N. Y., assignor to General Electric Company. Injection compensation in high-energy particle acceleration. 2,553,305, May 15.
Dickman, Edwin A.: *See*—
Perry, Ray P., Dickmann, and Bridge.
Dickman, Harold G., Pleasant Ridge, Mich. Condenser coil assembly. 2,558,345, June 26.
Dickmann, Edwin A.: *See*—
Gleave, Russell, and Dickmann.
Dicks, Byron R., Lebanon, Ind. Soft face hammer. 2,566,517, Sept. 4.
Dickschat, Albert R., Struthers, Ohio. Air filter for beer pump pressure systems. 2,559,284, July 3.
Dickson, Archie L., Jr., Gulfport, Miss. Box cap. 2,564,252, Aug. 14.
Dickson, Benjamin A., Paoli, assignor to Terminal Warehouse Company, Philadelphia, Pa. Lift truck and attachment therefor. 2,539,233, Jan. 23.
Dickson, David H., Jr., West Palm Beach, Fla. Boat fender. 2,578,291, Dec. 11.
Dickson, John, Huntington Woods, and K. L. Hulsing, Plymouth, assignors to General Motors Corporation, Detroit, Mich. Fuel injection pump. 2,569,233, Sept. 25.
Dickson, John, Huntington Woods, assignor to General Motors Corporation, Detroit, Mich. Fuel injector. 2,572,118, Oct. 23.
Dickson, John, Huntington Woods, and K. L. Hulsing, Plymouth, assignors to General Motors Corporation, Detroit, Mich. Fuel injection pump. 2,576,451, Nov. 27.
Dickson, Ross O., Mexico City, Mexico. Artificial molar teeth. 2,548,956, Apr. 17.
Dictaphone Corporation, assignee: *See*—
Brubaker, George P.
Curtis, Roger C., and Norton.
Franz, Frederick.
Gahagan, Carl D.
Roberts, Frederick W., and Curtis.
Roberts, Frederick W., and Duntze.
Spears, Morton F.
Trevitt, John H.
Trevitt, John H., and Renholdt.
Dictograph Products Company, Inc., assignee: *See*—
Strommen, Einar A.
Didde, Carl W., and D. A. Glaser, Emporia, Kans. Paper gathering machine. 2,568,224, Sept. 18.
Di Dio, Fioreornello, Lynn, Mass. Hod support. 2,575,617, Nov. 20.
Di Domenico, Mary, Chicago, Ill. Pie crust trimming and scalloping device. 2,580,081, Dec. 25.
Diebold, Incorporated, assignee: *See*—
Behrens, Herbert C.
Bockius, George H., and Erickson.
Turner, Edward A.
Diefenbach, Dorothy S., assignee: *See*—
Straith, Claire L.
Diefenbronn, William A., St. Louis, Mo. Adjustable gate. 2,559,066, July 3.
Diefendorf, John E., Jr., West Point, N. Y. Portable filing case. 2,573,412, Oct. 30.
Dieffenbach, Harry A., Glen Olden, Pa. Compressible bulb operated liquid dispenser. 2,579,909, Dec. 25.
Diehl, Donald A: *See*—
Cahusac, Clarence N., and Diehl.
Diehl, John A., Cuyahoga Falls, assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Castor wheel tire construction. 2,560,036, July 10.
Dieke, Gerhard H., Baltimore, Md. Electrical system using photomultiplier tubes for spectrographic analysis. 2,572,119, Oct. 23.
Diekhoff, Earl F., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Control device. 2,558,610, June 26.
Dielschneider, Willard H., Conrad, Iowa. Disk type mower. 2,545,074, Mar. 13.
Diemer, Charles W., Upper Darby, Pa. Self-threading needle. 2,561,502, July 24.
Diemer, Ferdinand P.: *See*—
Piperoux, Rene P., Hertz, and Diemer.
Diemer, Gesinus, Eindhoven, Netherlands, assignor to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Cavity-resonator tube and associated circuit. 2,577,454, Dec. 4.
Diemer, Gesinus, and K. S. Knol, Eindhoven, Netherlands, assignors to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Input damping compensated amplifier. 2,557,178, June 19.
Dierdorf, Frederick W., Castile, N. Y. Holder for safety razor blades. 2,543,096, Feb. 27.
Dierking, Charles G. W., Aurora, Ind. Electric dog training device. 2,579,178, Dec. 18.
Dierstein, Roy H., Fort Wayne, Ind., assignor to General Electric Company. Transformer core. 2,553,554, May 22.
Dies, Herbert F., assignor to Hurd Lock & Manufacturing Company, Detroit, Mich. Pattern reproducing machine. 2,565,914, Aug. 28.
Diesbach, Eleanor C., assignee and trustee: *See*—
Waechter, Harry J.
Diesbach, F. B., trustee, assignee: *See*—
Waechter, Harry J.
Diesel Oil Burner Corp. of New York, assignee: *See*—
Berger, Jack.
Diesenhaus, Sidney: *See*—
Gellman, Abraham, and Diesenhaus.
Diesslin, Albert R., and E. A. Kauck, St. Paul, Minn., and J. H. Simons, State College, Pa., assignors to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Fluorocarbon acids and derivatives. 2,567,011, Sept. 4.

Dieter, Julian A., Union, N. J., assignor to Bristol-Myers Company, New York, N. Y. Sealing apparatus. 2,568,794, Sept. 25.
Dieter, Louis V., assignee: *See*—
Hall, Charles G.
Dieterich, Fayra, administratrix: *See*—
Hill, Glenn E.
Dieterich, Francis L.: *See*—
Dietrich, Ralph J., and Dieterich.
Dieterich, Frederick A.: *See*—
Weinacker, Hermann, and Dieterich.
Dieterich, John R., Jr., assignee: *See*—
Hill, Glenn E.
Dieterich, Richard E., River Forest, Ill. Combined vehicle windshield shade and traffic signal finder. 2,566,934, Sept. 4.
Dietert, Harry W., assignor to Harry W. Dietert Company, Detroit, Mich. Method and apparatus for forming test specimens of molding sand and the like. 2,561,266, July 17.
Dietert, Harry W., R. E. Steinmueller, and C. M. King, assignors to Harry W. Dietert Company, Detroit, Mich. Moisture meter. 2,553,754, May 22.
Dietert, Harry W., J. A. Schuch, and R. E. Steinmueller, assignors to Harry W. Dietert Company, Detroit, Mich. Depth indicator and hardness testing device. 2,553,755, May 22.
Dietert, Harry W., and R. E. Steinmueller, assignors to Harry W. Dietert Company, Detroit, Mich. Moisture teller. 2,569,749, Oct. 2.
Dietert, Harry W., Company: *See*—
Dietert, Harry W., and Steinmueller.
Dietert, Harry W., Company, assignee: *See*—
Dietert, Harry W.
Dietert, Harry W., Schuch, and Steinmueller.
Dietert, Harry W., Steinmueller, and King.
Diether, Carl F., Shaker Heights, Ohio. Washing machine. 2,540,717, Feb. 6.
Dietiker, John D., assignor to Vickers Incorporated, Detroit, Mich. Pump. 2,565,208, Aug. 21.
Dietrich, Cornelius F., Southall, and H. J. Smith, assignors to Optical Measuring Tools Limited, Slough, England. Apparatus for optically projecting and gauging profiles. 2,542,755, Feb. 20.
Dietrich, Cornelius F., and H. J. Smith, assignors to Optical Measuring Tools Limited, Slough, England. Optical scale reading device for rotatable dividing tables. 2,566,875, Sept. 4.
Dietrich, Helmut A., Newark, Ohio, assignor to Burgess-Manning Company, Chicago, Ill. Apparatus for silencing and filtering noise producing gases. 2,553,306, May 15.
Dietrich, Karl L., assignor to Selas Corporation of America, Philadelphia, Pa. Web-heating device. 2,571,425, Oct. 16.
Dietrich, Marjorie J., assignee: *See*—
Hanson, Oscar.
Dietrich, Ralph J., Encino, and F. L. Dieterich, Culver City, Calif. Barbecue machine. 2,577,184, Dec. 4.
Dietrich, Walter C. M.: *See*—
Petersen, Gunnar A., and Dietrich.
Dietrichson, William F., Garden City, assignor to American Car and Foundry Company, New York, N. Y. Hopper or similar car construction. 2,567,766, Sept. 11.
Dietz, Edgar M.: *See*—
Rehrer, Mervin, and Dietz.
Dietz, Herbert J.: *See*—
Uhle, Otto D., Dietz, and Struck.
Dietz, John W.: *See*—
Clark, Kendall, Dietz, and Wallis.
Dietz, Thomas J.: *See*—
Hansen, John E., and Dietz.
Dietzgen, Eugene, Co., assignee: *See*—
Davey, Clarence P.
Dietzgen, Joseph E.
Dietzgen, Joseph E., Winnetka, assignor to Eugene Dietzgen Co., Chicago, Ill. Clip. 2,543,313, Feb. 27.
Dietzold, Robert L., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Frequency discriminative electric transducer. 2,549,065, Apr. 17.
Diezel, Willy H., Fairfield, assignor to The Max Ams Company, Bridgeport, Conn. Feeding mechanism for gang slitters. 2,554,095, May 22.
Diffusion Alloys Corporation, assignee: *See*—
Samuel, Robert L.
Di Fonzo, Antonio, Chicago, Ill. Automobile luggage carrier and table. 2,567,104, Sept. 4.
Di-Fram-Ette, Inc., assignee: *See*—
Mayer, Marie R.
Di Franco, Jack: *See*—
Goodman, Murray, and Di Franco.
Digby, James J., Elmira, N. Y., assignor to Bendix Aviation Corporation. Engine starter gearing. 2,538,300, Jan. 16.
Digby, James J., Elmira, N. Y., assignor to Bendix Aviation Corporation. Engine starter drive. 2,561,977, July 24.
Digby, James J., Elmira, N. Y., assignor to Bendix Aviation Corporation. Engine starter gearing. 2,565,170, Aug. 21.
Digby, James J., Elmira, N. Y., assignor to Bendix Aviation Corporation. Engine starter gearing. 2,571,018, Oct. 9.
Diggins, Harte H., Woodstock, Ill. Annular radiating drum air heating furnace. 2,568,388, Sept. 18.
Di Ghilini, Alexander E., administrator, assignee: *See*—
Di Ghilini, Ulrich L.
Di Ghilini, L. Elston, assignee: *See*—
Di Ghilini, Ulrich L.
Di Ghilini, Leo E., administrator: *See*—
Di Ghilini, Ulrich L.
Di Ghilini Ulrich L., deceased, by A. E. and L. E. di Ghilini, administrators, Beverly Hills, Calif., assignors, by decree of court, of one-third to A. E. di Ghilini, one-third to L. E. di Ghilini, and one-third to L. W. Petroff. Sound recording apparatus. 2,537,214, Jan. 9.
Di Giacomo, Aniello, New York, assignor to Micamold Radio Corporation, Brooklyn, N. Y. Making molded condensers. 2,577,005, Dec. 4.
Di Giallerenzo, John, Philadelphia, Pa. Combination door. 2,571,846, Oct. 16.
Di Giannantonio, Edmond P., Brookline, assignor of twenty-five per cent to D. Broude and E. Wolf, Boston, Mass. Phonograph record. 2,544,010, Mar. 6.
Di Giorgio Fruit Corporation, assignee: *See*—
Newcomb, Ralph V., and Keeler.
Di Giovanni, Joseph, Fairview, N. J., assignor to United Elevator Service, Inc., New York, N. Y. Motor protective circuit. 2,545,690, Mar. 20.
Di Ienno, John J.: *See*—
Stuber, Walter J., and Di Ienno.
Dijkstra, Jacob: *See*—
Meyer, Rudolf H. M., and Dijkstra.
Dikeman, Myron J., Grosse Pointe Woods, Mich. Universal fluid drive and control unit. Re. 23,342, Feb. 20.
Dikkers, G., & Co. N. V., assignee: *See*—
Timmer, Jan H.
Dilg, Raymond J., Bronx, N. Y. Window. 2,559,212, July 3.
Dilger, John L., Reading, Pa., assignor to United Shoe Machinery Corporation, Flemington, N. J. Shoe sewing machine. 2,564,678, Aug. 21.
Dilks, James J., Haddon Heights, N. J. Picture disk viewing projector. 2,570,652, Oct. 9.
Dilks, James J., Haddon Heights, N. J. Picture viewing device. 2,572,602, Oct. 23.
Dill, Charles E.: *See*—
Cubberley, Richard H., and Dill.
Dill, John J., Delton, Mich. Apparatus for sterilizing plasma, vaccine, and other fluids. 2,569,153, Sept. 25.
Dill Manufacturing Company, The, assignee: *See*—
Boyer, Ralph K.
Boyer, Ralph K., and Krohn.
Boyer, Ralph K., and Krohn, Jr.
Marcum, James H.
Dill, Winnefred S., assignor to Halliburton Oil Well Cementing Company, Duncan, Okla. Side wall core taker. 2,546,632, Mar. 27.
Dillard, Guy C., Fort Worth, Tex. Aerial camera carriage. 2,570,653, Oct. 9.
Dillard, John D., Little Rock, Ark. Flush type fill box. 2,575,618, Nov. 20.
Dillehay, Edward R., Glen Ellyn, Ill., assignor to The Richardson Company, Lockland, Ohio. Storage battery case and composition for molding the same. 2,562,532, July 31.
Dillemuth, George J., Tiller, Oreg. Needle, thread, and thimble kit. 2,579,307, Dec. 18.
Dillenz, William J., Philadelphia, Pa. Fastening device for belts. 2,569,750, Oct. 2.
Dillman, Earnest J., assignor to Detroit Lubricator Company, Detroit, Mich. Thermostatic expansion valve. 2,539,062, Jan. 23.
Dillman, Earnest J., assignor to Detroit Lubricator Company, Detroit, Mich. Automatically operable snap-acting switch. 2,548,877, Apr. 17.
Dillman, Earnest J., assignor to Detroit Lubricator Company, Detroit, Mich. Thermostatic valve having sealing diaphragm and supporting means therefor. 2,548,878, Apr. 17.
Dillman, Earnest J., assignor to Detroit Lubricator Company, Detroit, Mich. Air conditioning system and apparatus. 2,558,937, July 3.
Dillman, Earnest J., assignor to Detroit Lubricator Company, Detroit, Mich. Pilot operated valve. 2,566,173. Aug. 28.
Dillman, Earnest J., assignor to Detroit Lubricator Company, Detroit, Mich. Pressure regulator. 2,577,455, Dec. 4.
Dillman, Earnest J., and T. E. Noakes, assignors to Detroit Lubricator Company, Detroit, Mich. Heat pump and control means. 2,558,938, July 3.
Dillon, Clyde E., assignor, by mesne assignments, to Raymond H. Starr, Kansas City, Mo. Adjustable slaughtering cradle. 2,536,268, Jan. 2.
Dillon, Clyde E., assignor, by mesne assignments, to R. H. Starr, Kansas City, Mo. Method and apparatus for smoking and tenderizing meat products. 2,576,925, Dec. 4.
Dillon, John R., Denver, Colo. Wrinkle treating device 2,540,247, Feb. 6.

Dillon, John R., Raleigh, N. C. Speed signal system. 2,567,425, Sept. 11.
Dillon, Lyle: *See*—
Forsyth, Valoris L., and Dillon.
Dillon, Thomas P., Yeadon, Pa., assignor to Radio Corporation of America. Vibrator power supply. 2,543,232, Feb. 27.
Dillon, W. C., & Company, Inc., assignee: *See*—
Wanzenberg, Frederick W.
Dillon, Wendell M., North Andover, assignor to Watts Regulator Company, Lawrence, Mass. Pressure and temperature relief valve. 2,570,432, Oct. 9.
Dills, William L.: *See*—
Lane, Frank W., and Dills.
Dilts, Carl E., assignee: *See*—
Hoern, Joseph H.
Dilts, Lee E., South Euclid, Ohio, assignor to General Electric Company. Leading-in wire detecting apparatus. 2,549,296, Apr. 17.
Dilts, Leon F.: *See*—
Wetzel, Clifford C., and Dilts.
Di Marzo, Vincent, Bronx, N. Y. Water closet bowl with cleanout opening. 2,540,812, Feb. 6.
Dime-A-Wake, Inc., assignee: *See*—
Nor Velle, Robert L.
Dimick, John E.: *See*—
Richardson, Alan C., and Dimick.
Dimitri, Lionel G., and S. A. Purvis, Montreal, Quebec, Canada, assignors to L'Air Liquide, Societe Anonyme pour L'Etude et L'Exploitation des Procedes Georges Claude, Paris, France. Self-closing valve. 2,536,428, Jan. 2.
Dimitruk, Charles F., Ansonia, Conn. Device for cutting bottle seals. 2,578,404, Dec. 11.
Dimmer, Charles L., Toledo, Ohio. Investment material. 2,551,932, May 8.
Dimmer, Robert P.: *See*—
Herrick, Roswell H., Fowler, and Dimmer.
Dimmer, Robert P., assignor to Automatic Electric Laboratories, Inc., Chicago, Ill. Signaling apparatus for radio telephone systems. 2,548,777, Apr. 10.
Di-Moc Company, The, assignee: *See*—
Reese, Thomas S.
Dimock, Bert F., Bowie, Tex. Concrete block molding form. 2,550,977, May 1.
Dimond, Herbert M.: *See*—
Boyajian, Clement L., Rede, and Dimond.
Dimond, Thomas L., Rutherford, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Relay translating circuit. 2,580,082, Dec. 25.
Dimond, Thomas L., Rutherford, and C. A. Wingardner, Chatham, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Call data recording automatic telephone system. 2,577,609, Dec. 4.
Dimond, William B., St. Louis, Mo., assignor to Haley Cate Co. Inc., Everett, Mass. Shoe binding for shoe soles. 2,539,364, Jan. 23.
Dines, Thomas M., Denver, Colo. Tire chain. 2,553,849, May 22.
Dinesen, Laurits, assignor to Perfection Manufacturing Corporation, Minneapolis, Minn. Milker support. 2,558,346, June 26.
Dinger, Jacob E., Washington, D. C. Saturable reactor control for machine tool motors. 2,538,768, Jan. 23.
Dingman, Glen H., Sidney, assignor to Bendix-Aviation Corporation, New York, N. Y. Magneto. 2,569,460, Oct. 2.
Dingman, Glen H., Sidney, assignor to Bendix Aviation Corporation, New York, N. Y. Magneto. 2,569,461, Oct. 2.
Dingman, William E., Peace Valley, Mo. Flexible cover for pickup trucks. 2,562,300, July 31.
Dinkins, Henry H., Jr., Harrison, N. Y. Power unit for bicycles. 2,552,846, May 15.
Dinley, Clarence F., assignor to Detrex Corporation, Detroit, Mich. Solvent saver recovery apparatus. 2,539,407, Jan. 30.
Dinley, Clarence F., assignor to Detrex Corporation, Detroit, Mich. Dry cleaning machine. 2,574,251, Nov. 6.
Di-Noc Company, The, assignee: *See*—
Reese, Thomas S.
Dinsdale, John M.: *See*—
Wheelwright, Edward H., Dinsdale, Holmes, and Martin.
Dinsdale, John M., P. M. Holmes, and P. R. Martin, High Post, Salisbury, England, assignors to Waeco Limited. Dispersing insecticides as vapors. 2,557,814, June 19.
Dinsmore, Joseph A.: *See*—
Esty, Alfred H., and Dinsmore.
Dinwiddie, James A., Goose Creek, Tex., assignor, by mesne assignments, to Standard Oil Development Company, Elizabeth, N. J. Production of olefins from oxides. 2,542,487, Feb. 20.
Dinwiddie, James A., Goose Creek, Tex., assignor, by mesne assignments, to Standard Oil Development Company, Elizabeth, N. J. Production of olefins. 2,542,488, Feb. 20.
Dion, Amedee, assignor to Dion Freres Inc., Ste-Therese de Blainville, Quebec, Canada. Adjustable feeder apron for agricultural machines. 2,550,978, May 1.
Dion Freres Inc., assignee: *See*—
Dion, Amedee.
Dion, H. J., Company, assignee: *See*—
Miller, Frank A.
Dion, Leo, Detroit, Mich. Combination chair and table. 2,554,617, May 29.
Dion, Raymond F., Leominster, and J. T. Kennedy, assignors to Crompton & Knowles Loom Works, Worcester, Mass. Shuttle for weft replenishing looms. 2,555,845, June 5.
Dion, William A., North Attleboro, Mass., assignor to Evans Case Co. Guide means for handbag frames. 2,556,960, June 12.
Dionisotti, Joseph, assignee: *See*—
Burri, Fritz.
Dionne, John C., Chicago, Ill. Sensitometer. 2,552,089, May 8.
Di Palma, Antonio, Pueblo, Colo., assignor of one-half to R. Perrotta. Shackle seal. 2,538,508, Jan. 16.
Di Palma, Dominick, assignee: *See*—
Di Palma, Joseph.
Di Palma, Joseph, Fairfield County, Conn., assignor to D. Di Palma, Brooklyn, N. Y. Mandrel. 2,557,816, June 19.
Di Palma, Joseph, Westport, Fairfield County, Conn., assignor to D. Di Palma, Brooklyn, N. Y. Split cable grip. 2,560,418, July 10.
Di Paolo, Sam, assignee: *See*—
Jones, Taze W., and Ciocchetti.
Di Paola, William C.: *See*—
McGinley, James J., and Di Paola.
Di Pietro, Louis J., Waterbury, Conn. Nail set. 2,577,954, Dec. 11.
Di Pietro, William O.: *See*—
Godley, Philip, 2nd, and Di Pietro.
Dippel, Cornelis J.: *See*—
Bos, Julius G., Dippel, Houtman, Keuning, and Wijtzes.
Bos, Julius G., Haack, Dippel, and Keuning.
Dippold, Arthur J.: *See*—
Burnham, John, Dippold, and Robinson.
Di Rosa, Stephen P., New York, N. Y. Valved coupling. 2,548,957, Apr. 17.
Di Rosa, Stephen P., New York, and R. R. Schur, East Rockaway, N. Y. Toaster. 2,548,958, Apr. 17.
Disbro, Ira R.: *See*—
Pomeroy, Sawyer M., and Disbro.
Diserens, Paul, Summit, N. J., assignor to Stacom Process Corporation, Long Island City, N. Y. Roller press. 2,555,733, June 5.
Dishmaster Corporation, assignee: *See*—
Weber, Robert E.
Disinger, Claude, South Plainfield, assignor to Conmar Products Corporation, Newark, N. J. Slide fastener with releasing end stop. 2,558,239, June 26.
Dismat Corporation, assignee: *See*—
Donofrio, John M.
Disposable Bottle Corporation, assignee: *See*—
Allen, Adda M.
Dissinger, George, assignee: *See*—
Obenour, George G.
Dissinger, George I., Davis, Calif. Slide switch. 2,566,720, Sept. 4.
Di Stefano, Peter, Amawalk, N. Y. Apparatus and method for molding concrete vaults and the like. 2,537,447, Jan. 9.
Distillers Company, Limited, The, assignee: *See*—
Abbott, Leslie S.
Brighton, Cyril A., and Staudinger.
Faulkner, Donald.
Faulkner, Donald, Stanley, and Staudinger.
Galitzenstein, Eugen G., and Woolf.
Hall, Reginald H., and Stanley.
Hawkins, Edwin G. E.
Highet, Hugh C., and Salt.
Hutchinson, Henry M., and Staudinger.
McCombie, John T., Mann, and Wild.
Mugdan, Martin.
Staudinger, Hanns P.
Staudinger, Johann J. P., and Cleverdon.
Staudinger, Johann J. P., and Hutchinson.
Ditchfield, Frank, assignor to The Youngstown Steel Door Company, Cleveland, Ohio. Header for car doors. 2,557,376, June 19.
Ditchfield, Frank, assignor to The Youngstown Steel Door Company, Cleveland, Ohio. Laterally movable car door. 2,560,419, July 10.
Ditisheim & Cie, Fabriques Vulcain et Volta, assignee: *See*—
Ditisheim, Robert.
Ditisheim, Robert, assignor to Ditisheim & Cie, Fabriques Vulcain et Volta, La Chaux-de-Fonds, Switzerland. Control for alarm watches. 2,554,402, May 22.
Ditisheim, Robert, assignor to Ditisheim & Cie, Fabriques Vulcain et Volta, La Chaux-de-Fonds, Switzerland. Alarm watch. 2,568,795, Sept. 25.
Ditmanson, Henry A., assignor of 50 per cent to L. C. Sheppler, Klamath Falls, Oreg. Dispenser for collapsible tubes. 2,567,767, Sept. 11.
Ditmer, Lowell A.: *See*—
Burrus, Paul B., and Ditmer.
Di Toro, Michael J., Brooklyn, assignor to Federal Telecommunication Laboratories, Inc., New York, N. Y. Noise suppression circuit. 2,575,333, Nov. 20.
Ditson, J. D., Phillipsburg, N. J., assignor to Ingersoll-Rand Company, New York, N. Y. Rock drill. 2,575,619, Nov. 20.

Ditta, Gaspare, Brooklyn, N. Y. Automatic screen. 2,539,122, Jan. 23.
Ditter, Francis J., Minneapolis, Minn. Aircraft ski. 2,539,817, Jan. 30.
Dittman, Albert L.: *See*—
Miller, William T., Dittman, and Reed.
Dittmann, Karl H., Mendham, assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Flow-measuring apparatus. 2,575,492, Nov. 20.
Dittmann, Roy, Aurora, assignor to Independent Pneumatic Tool Company, Chicago, Ill. Portable spin riveting tool. 2,536,595, Jan. 2.
Dittmar, Harry R.: *See*—
Gribbins, Myers F., and Dittmar.
Dittmar, Harry R., Wilmington, and H. M. Cadot, Greenville, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Reaction product of an acrylic acid resin and a resin containing hydroxyl groups. 2,557,266, June 19.
Dittmer, Karl, I. Goodman, and D. Visser, Boulder, Colo., assignors to The Chemical Foundation, Inc., New York, N. Y. Water-soluble thymine compounds. 2,558,480, June 26.
Ditto, Arthur, Roslindale, Mass., assignor, by mesne assignments, to Marine Optical Manufacturing Co. Ophthalmic mounting. 2,552,409, May 8.
Ditto, Arthur, Roslindale, Mass., assignor, by mesne assignments, to Marine Optical Manufacturing Co. Ophthalmic mounting. 2,552,410, May 8.
Ditto, Eugene D., Brookline, assignor to Marine Optical Manufacturing Co., Boston, Mass. Ophthalmic mounting. 2,552,411, May 8.
Ditto, Incorporated, assignee: *See*—
Gullixson, Harold R.
Harrison, Edwin G.
Hodin, William J.
Holik, Melville J.
Hughson, Caleb W.
Rundblad, George J.
Ditto, John, Herrin, assignor of fifty per cent to C. D. Winters, K. B. Powless, Marion, and L. Haney, Herrin, Ill. Food turner. 2,551,877, May 8.
Ditty, Amos A., Sr., Williston, Fla. Combined table and chair. 2,551,999, May 8.
Ditz, Charles H., Watertown, and H. A. Hussey, Belmont, Mass., assignors to The B. F. Goodrich Company, New York, N. Y. Molding composition for battery containers. 2,578,518, Dec. 11.
Divar S. A., assignee: *See*—
Bordigoni, Louis.
Divco Corporation, assignee: *See*—
Jack, Robert K.
Diving Equipment and Supply Co., assignee: *See*—
Browne, Jack.
Divizia, Joseph, Alhambra, assignor to Consolidated Vultee Aircraft Corporation, San Diego, Calif. Slidably mounted lamp actuator and housing. 2,536,799, Jan. 2.
Dix, James S., and M. M. Timmons, Mount Airy, N. C. Locking device for luggage compartment. 2,563,317, Aug. 7.
Dix, Russell L., assignee: *See*—
Burden, Royal L.
Dix, Tira Q., assignee: *See*—
Burden, Royal L.
Dixie Canner Company, assignee: *See*—
Hitchcock, Lloyd.
Dixie Cup Company, assignee: *See*—
Barbieri, Cesare.
Dixie Manufacturing Company, assignee: *See*—
Trier, Carl L.
Dixon-Bartlett Company, assignee: *See*—
Henkel, John.
Dixon, Fate, assignor of one-fourth to W. H. Rowe, and one-fourth to W. E. Jones, Jr., Durham, N. C. Machine for grinding drills. 2,556,073, June 5.
Dixon, Fate A., assignor of one-fourth to N. May and one-fourth to M. May, Durham, N. C. Ventilated table. 2,572,120, Oct. 23.
Dixon, Guy E., Jr., Miami Shores, Fla. Accordion folding door. 2,579,910, Dec. 25.
Dixon, Henry M., Miami, Fla. Jointing gauge for circular saws. 2,545,607, Mar. 20.
Dixon, James K., Riverside, Conn., assignor to American Cyanamid Company, New York, N. Y. Preparation of aralkyl cyanides. 2,553,404, May 15.
Dixon, James K., Riverside, Conn., assignor to American Cyanamid Company, New York, N. Y. Preparation of benzonitriles. 2,553,405, May 15.
Dixon, James K., Riverside, Conn., assignor to American Cyanamid Company, New York, N. Y. Preparation of malononitriles. 2,553,406, May 15.
Dixon, James K., Riverside, Conn., assignor to American Cyanamid Company, New York, N. Y. Catalytic dehydrogenation of piperazine to pyrazine. 2,580,221, Dec. 25.
Dixon, James K., Riverside, Conn., and A. A. Miller, Madison, Wis., assignors to American Cyanamid Company, New York, N. Y. Separating dihalogenopyrazines. 2,540,476, Feb. 6.
Dixon, Jonathan S.: *See*—
Cunningham, Burris B., Smith, and Dixon.
Dixon, Joseph, Crucible Company, assignee: *See*—
Noe, Harold C.
Shonnard, Orlando D.
Dixon, Leslie G., Lynbrook, N. Y., assignor to Hazeltine Research, Inc., Chicago, Ill. Tuning control mechanism. 2,577,955, Dec. 11.
Dixon, Lewis M., Sea Cliff, N. Y. Container with elastic strip cell structure. 2,542,640, Feb. 20.
Dixon, Lewis W., Riverton, N. J., assignor to Radio Corporation of America. Test phonograph record. 2,549,066, Apr. 17.
Dixon Lubricating Saddle Company, assignee: *See*—
Rulon-Miller, Robert.
Dixon, Paul H., Rockford, Ill., assignor, by mesne assignments, to the United States of America as represented by the Secretary of the Army. Gas piston for operating automatic gun breech locks. 2,554,618, May 29.
Dixon, Paul H., Springfield, Ill., assignor to United Shoe Machinery Corporation, Flemington, N. J. Firing mechanism for use with a gun synchronizer. 2,575,411, Nov. 20.
Dixon, R. G., & Company Limited, assignee: *See*—
Bridge, William J.
Dixon, Thomas W.: *See*—
Sproule, Lorne W., and Dixon.
Dixon, Thomas W., Sarnia, Ontario, Canada, assignor to Standard Oil Development Company. Soluble cutting oils. 2,563,588, Aug. 7.
Dixon, Victoria E., St. Paul, Minn. Infant's garment. 2,563,161, Aug. 7.
Dixon, William L., Charlotte, N. C. Agricultural implement hitch. 2,561,614, July 24.
Dixson, Ralph O., Alhambra, Calif. Dump wagon. 2,539,731, Jan. 30.
Djerassi, Carl, Morristown, and C. R. Scholz, assignors to Ciba Pharmaceutical Products, Incorporated, Summit, N. J. Heterocyclic compounds. 2,579,478, Dec. 25.
Djerassi, Carl, G. Rosenkranz, and J. Berlin, assignors to Syntex S. A., Mexico City, Mexico. $\Delta^{1,4}$-pregnadiene-17α-OL-3-ones. 2,579,479, Dec. 25.
Djos, Matts, Seattle, Wash. Ski clamp. 2,562,178, July 31.
Doan, Richard L., and E. Fast, Bartlesville, Okla., assignors to Phillips Petroleum Company. Tracing the underground flow of water. 2,553,900, May 22.
Doane, James E., assignor to Cheshire Mailing Machines, Inc., Chicago, Ill. Machine for applying address labels to mailing pieces. 2,555,325, June 5.
Doane, Leroy C., Essex, Conn. Shock resistant luminaire for use with fluorescent tubes. 2,544,781, Mar. 13.
Doane, Leroy C., Essex, Conn., assignor to The Sight Light Corporation. Luminaire with glare shielding means for producing an optimum distribution of light on a work surface. 2,560,281, July 10.
Doane, Paul, Windsor, N. Y. Collapsible top enclosure for beds. 2,563,399, Aug. 7.
Doba, Stephen, Jr., Long Island City, and J. W. Rieke, Astoria, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Contrast pattern generator. 2,580,083, Dec. 25.
Doba, Stephen, Jr., Whippany, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Stabilized feedback amplifier. 2,578,341, Dec. 11.
Dobana, Fred K., New York, N. Y. Shoulder shaped dress and suit hanger. 2,549,297, Apr. 17.
Dobbelman N. V., assignee: *See*—
Dobbelmann, Petrus B. H. M., and van Loon.
Dobbelmann, Petrus B. H. M., and J. van Loon, assignors to Dobbelman N. V., Nimeguen, Netherlands. Preparation of strongly lathering and purifying agents, shampoos, and the like. 2,571,689, Oct. 16.
Dobbelmann, Petrus B. H. M., Nimeguen, and S. H. Bertram, The Hague, assignors to Dobbelman N. V., Nimeguen, Netherlands. Detergent composition. 2,571,690, Oct. 16.
Dobbie, McInnes, Limited, assignee: *See*—
Boyle, Archibald R.
Dobbins, David T.: *See*—
Bisch, Paul E., and Dobbins.
Dobbs, Frank G., and S. H., New York, N. Y. Binding laminated material. 2,576,826, Nov. 27.
Dobbs, Richard H., Winfield, Kans. Holder for vehicle loading skids. 2,559,712, July 10.
Dobbs, Stephen H.: *See*—
Dobbs, Frank G., and S. H.
Dobeckmun, Company, The, assignee: *See*—
Schmidt, David.
Dobell, Curzon: *See*—
Crom, John M., and Dobell.
Dobell, Curzon, New York, N. Y., assignor to Preload Enterprises, Inc. Leakproof construction of pipes, tanks, and the like. 2,544,828, Mar. 13.
Dobes, Michael J.: *See*—
Park, Allan J., and Dobes.
Dobkin, William J., Jackson Heights, N. Y. Flexible rolling closure for cabinets. 2,564,197, Aug. 14.
Dobkowski, Matthew, Detroit, Mich. Fishhook attachment. 2,539,234, Jan. 23.
Doble, Ralph N., Hingham, Mass. Lawn seeder. 2,560,093, July 10.
Doble, Warren, North Hollywood, assignor, by mesne assignments, to Jabsco Pump Company, Burbank, Calif. Rotary shaft seal. 2,575,549, Nov. 20.
Dobler, Lee R., and L. J. Money, U. S. Navy. Antenna system. 2,551,586, May 8.

Doblhoff, Friedrich L., Zell am See, Austria, assignor to The Fairey Aviation Company Limited, Hayes, Middlesex, England. Jet rotated rotary wing aircraft. 2,540,190, Feb. 6.
Dobreff, Stoyan D., assignor of one-half to B. A. T. Spradlin, Dallas, Tex. Casting net. 2,565,955, Aug. 28.
Dobrick, August C., assignor to The Imperial Brass Manufacturing Company, Chicago, Ill. Wing nut. 2,553,813, May 22.
Dobrin, Harry, assignor to Furnace Engineers Incorporated, Pittsburgh, Pa. Metallurgical heating apparatus. 2,545,725, Mar. 20.
Dobrosky, Michael, Flint, Mich. Spoke ornament for bicycle wheels. 2,558,423, June 26.
Dobrowski, Emmanuel, New York, N. Y. Musical toy. 2,554,941, May 29.
Dobrowski, Emmanuel, New York, N. Y. Picture puzzle toy. 2,554,942, May 29.
Dobson & Barlow Limited, assignee: *See*—
Abel, Walter.
Dobson, Joe, Talpa, Tex. Automatic electric timing system. 2,577,408, Dec. 4.
Dobson, Thomas J., Burkburnett, Tex. Drop board structure for hen houses. 2,553,640, May 22.
Dobson, William A., West Hartford, Conn., assignor to Underwood Corporation, New York, N. Y. Platen knob with telescoping clutch knob. 2,580,285, Dec. 25.
Docal, Gonzalo C., Habana, Cuba, assignor to Sugar Research Foundation, Inc., New York, N. Y. Sugar separation. 2,567,060, Sept. 4.
Dockerty, Stuart M.: *See*—
Beaumariage, Amos A., Wisner, and Dockerty.
Dockery, John C.: *See*—
Dockery, Nicholas W., and J. C.
Dockery, Nicholas W., and J. C. Dockery, Rockingham, N. C. Disk unit for tilling implements. 2,556,492, June 12.
Docksey, Patrick: *See*—
Howes, Donald A., Tait, Docksey, Birch, and Partridge.
Docksey, Patrick, and F. W. B. Porter, Sunbury-on-Thames, assignors to Anglo-Iranian Oil Company Limited, London, England. Catalytic desulfurization of gas oil-kerosense mixtures. 2,574,446, Nov. 6.
Docksey, Patrick, and F. W. B. Porter, Sunbury-on-Thames, assignors to Anglo-Iranian Oil Company Limited, London, England. Catalytic desulfurization of gas oil. 2,574,448, Nov. 6.
Docter, Ernest W. D., University City, Mo. Beverage sipper. 2,558,645, June 26.
Dodd, Arthur E., Edgewood, assignor to The Union Switch & Signal Company, Swissvale, Pa. Battery-charging apparatus. 2,543,314, Feb. 27.
Dodd, Coleman: *See*—
Snow, Donald L., Varian, Dodd, and Hildebrand.
Dodd, Coleman, Hempstead, N. Y., assignor to The Sperry Corporation. High-frequency tuning apparatus. 2,575,334, Nov. 20.
Dodd, Francis L., Merrick, assignor to Stromberg-Carlson Company, Rochester, N. Y. Chimes. 2,548,710, Apr. 10.
Dodd, Francis L., Valley Stream, N. Y., assignor, by mesne assignments, to Stromberg-Carlson Company. Electronic carillon. 2,536,800, Jan. 2.
Dodd, John, Greenock, Scotland. Attachment for tapping holes, screwing up studs, and like operations. 2,540,513, Feb. 6.
Dodd, R. Lee, Guthrie, Okla. Wire stretcher. 2,571,347, Oct. 16.
Dodds, Clinton C.: *See*—
Dodds, Galen, and C. C.
Dodds, Galen, and C. C., Onaga, Kans. Automatic hay baler control. 2,576,784, Nov. 27.
Dodds, William R., Paterson, N. J., assignor to Curtiss-Wright Corporation. Apparatus for producing shaped sections. 2,544,447, Mar. 6.
Dodelin, Frederick A.: *See*—
Ferguson, George E., and Dodelin.
Dodelin, Frederick A., Glen Ridge, assignor to Pyrene Development Corporation, Newark, N. J. Vapor seal. 2,541,751, Feb. 13.
Dodelin, Frederick A., Glen Ridge, assignor to Pyrene Manufacturing Company, Newark, N. J. Fire extinguisher nozzle for vehicles. 2,559,408, July 3.
Dodge, Adiel Y., Rockford, Ill. Master cylinder for hydraulic brake systems. 2,539,572, Jan. 30.
Dodge, Adiel Y., Rockford, Ill. Speed and torque responsive coupling. 2,546,633, Mar. 27.
Dodge, Adiel Y., Rockford, Ill. Overload release coupling. 2,561,913, July 24.
Dodge, Adiel Y., Rockford, Ill. Stoker. 2,563,318, Aug. 7.
Dodge, Adiel Y., Rockford, Ill. Transmission. 2,570,327, Oct. 9.
Dodge, Adiel Y., Rockford, Ill. Brake. 2,571,847, Oct. 16.
Dodge, Arthur B., assignor to The Dodge Cork Company, Incorporated, Lancaster, Pa. Laminar product of polymerized vinyl chloride resin and comminuted cork and manufacturing the same. 2,560,420, July 10.
Dodge, Barnett F.: *See*—
Colburn, Allan P., and Dodge.
Dodge Cork Company, Incorporated, The, assignee: *See*—
Dodge, Arthur B.
Dodge, Donn L., Los Angeles, Calif. Starter motor control system. 2,560,094, July 10.
Dodge, Floyd L., assignor to The Wade Tool Co., Waltham, Mass. Work supporting mechanism for the spindles of machine tools. 2,539,235, Jan. 23.
Dodge, Floyd L., assignor to The Wade Tool Co., Waltham, Mass. Collet structure. 2,578,642, Dec. 11.
Dodge, Frederick G., Cumberland, Md., assignor to Celanese Corporation of America. Apparatus for tentering. 2,577,880, Dec. 11.
Dodge, Frederick G., La Vale, Md., and G. Schneider, South Orange, N. J., assignors to Celanese Corporation of America. Production of batting material. 2,538,899, Jan. 23.
Dodge, George W., assignor to The Noble & Wood Machine Company, Hoosick Falls, N. Y. Beater. 2,548,425, Apr. 10.
Dodge, Howard M., Wabash, Ind., assignor to The General Tire and Rubber Company, Akron, Ohio. Wire reinforced window channel. 2,549,581, Apr. 17.
Dodge, Howard M., Wabash, Ind., assignor to The General Tire and Rubber Company, Akron, Ohio. Injection molding machine. 2,570,433, Oct. 9.
Dodge, John S., and D. Campanile, assignors to Lowell Wrench Company, Worcester, Mass. Reversible ratchet wrench. 2,570,779, Oct. 9.
Dodge Manufacturing Corporation, assignee: *See*—
Bodle, Alexander T.
Firth, David.
Lower, Donald P.
Dodge, Merton L.: *See*—
Ardron, Gerald L., Dodge, and Chebuhar.
Dodge, Ronald D., Poughkeepsie, assignor to International Business Machines Corporation, New York, N. Y. Typewriter punch. 2,540,027, Jan. 30.
Dodge, Ronald D., Poughkeepsie, assignor to International Business Machines Corporation, New York, N. Y. Proportional spacing mechanism for typewriters. 2,547,449, Apr. 3.
Dodge, Ronald D., Poughkeepsie, assignor to International Business Machines Corporation, New York, N. Y. Automatic justifying typewriter. 2,555,734, June 5.
Dodge, Thomas C., Seattle, Wash., assignor to Continental Can Company, Inc., New York, N. Y. Distributor for gravity runways. 2,570,923, Oct. 9.
Dodin, Lucien J. E. A., Canet-Plage, France. Stereoscopic motion-picture system. 2,570,654, Oct. 9.
Dodington, Sven H. M., Nutley, N. J., assignor to International Standard Electric Corporation, New York, N. Y. Altitude indicating system. 2,546,985, Apr. 3.
Dodson, Claude J., Martinsville, Va. Adjustable bubble level. 2,541,641, Feb. 13.
Dodson, Earl Q., Kingsburg, Calif. Rotary vineyard hoe. 2,552,710, May 15.
Dodson, Edward, Puriton, near Bridgwater, and R. Westbury, Lapley, assignors to H. M. Hobson Limited, London, England. Fluid control valve. 2,563,219, Aug. 7.
Dodson, Eppa L., Washington, D. C. Chart table. 2,536,730, Jan. 2.
Dodson, Guy R.: *See*—
Swift, Frank H., and Dodson.
Dodson, Pearl, Newark, Ohio. Adjustable eaves trough support. 2,577,006, Dec. 4.
Dodson, Wayne E., Caldwell, N. J., assignor to General Electric Company. Multicylinder refrigerant compressing apparatus. 2,550,457, Apr. 24.
Doe, Walter P., L. W. Sly, and H. G. Fisher, assignors to Fisher-Price Toys, Inc., East Aurora, N. Y. Action toy. 2,580,346, Dec. 25.
Doeg, Ralph W., assignor to Nash-Kelvinator Corporation, Detroit, Mich. Piston-connecting rod assembly. 2,552,310, May 8.
Doeg, Ralph W., assignor to Nash-Kelvinator Corporation, Detroit, Mich. Compressor. 2,559,067, July 3.
Doeg, Ralph W., assignor to Nash-Kelvinator Corporation, Detroit, Mich. Refrigerator door latch mechanism. 2,559,068, July 3.
Doehler-Jarvis Corporation, assignee: *See*—
Dey, George E.
Hackett, John C., and Johnson.
Doelling, George L., St. Louis, and K. H. Adams, Fenton, assignors to Mississippi Valley Research Laboratories, Inc., St. Louis, Mo. Ethers and organic substances plasticized therewith. 2,569,883, Oct. 2.
Doerfler, Carl F., Bend, Oreg. Earth working implement. 2,567,805, Sept. 11.
Doerhoff, Martin, Centralia, Ill. Bracket. 2,558,347, June 26.
Doerr, Charles, trustee, assignee: *See*—
Schultz, Mortimer L., Pacent, and Batcher.
Doerr, Gail D.: *See*—
Rogers, Harold E., and Doerr.
Doerr, Norman B., Los Angeles, Calif. Bottle heater. 2,541,218, Feb. 13.
Doerschler, Edgar E., Takoma Park, Md. Walker. Re. 23,348, Mar. 27.
Dofsen, Floyd J.: *See*—
Danielson, Elmer L., and Dofsen.
Dofsen, Floyd J., assignor to Electric Manufacturing Company, Inc., San Francisco, Calif. Roadway with sound tracks and forming the tracks. 2,574,090, Nov. 6.
Dofsen, Floyd J., Millbrae, and E. L. Danielson, Oakland, Calif. Forming an article from at least two plastics. 2,544,140, Mar. 6.
Doggett, Leo W.: *See*—
Thompson, Ernest H., and Doggett.

Doherty, Margaret R., Wilmington, Del. Marine fender. 2,577,236, Dec. 4.
Doherty, Orval A., Fort Wayne, Ind., assignor to General Electric Company. Stator for universal electric motors. 2,560,560, July 17.
Doherty, William H., Elmhurst, N. Y. Shoe tree. 2,558,740, July 3.
Doherty, William H., Elmhurst, N. Y. Shoe sole former. 2,571,547, Oct. 16.
Doherty, William H., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Impedance monitor. 2,545,544, Mar. 20.
Doherty, William H., Summit, J. F. Morrison, Boonton, and E. L. Younker, Madison, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. High-frequency power and impedance monitor. 2,575,799, Nov. 20.
Dohler, Oskar, H. Huber, and W. Kleen, Paris, France, assignors to Compagnie General de Telegraphie Sans Fil. Amplifying and oscillating tube with traveling wave control. 2,580,007, Dec. 25.
Dohm, Daniel, Jr., University City, assignor to Dohm & Nelke, Incorporated, St. Louis, Mo. Closure mechanism for pressure vessels. 2,556,578, June 12.
Dohm & Nelke, Incorporated, assignee: *See*—
Dohm, Daniel, Jr.
Dohmeyer, Louis, Harvey, Ill. Live bait hook. 2,559,409, July 3.
Dohmeyer, Wilbert A., Crete, Ill., assignor of one-fifth to E. H. Simpson, Milwaukee, Wis. Mortising plane. 2,579,911, Dec. 25.
Dohrmann Hotel Supply Co., assignee: *See*—
Musante, Victor F.
Wray, Walter.
Doig, David: *See*—
Pascoe, George and Doig.
Doke, Ernest G., Winnetka, assignor to MacLean-Fogg Lock Nut Company, Chicago, Ill. Threshold plate for railway cars. 2,543,402, Feb. 27.
Dok-en Werf-Maatschappij Wilton-Fijenoord N. V., assignee: *See*—
Lammers, Johannes.
Dokken, Jörgen N., A. R. Wigeland, and C. A. Andersen, Oslo, Norway. Sliding door arrangement. 2,545,726, Mar. 20.
Dokoupil, Alois, assignor to Bata, narodni podnik, Zlin, Czechoslovakia. Manufacture of felt blanks. 2,539,573, Jan. 30.
Dolan, Alpheus J.: *See*—
Stoltz, Glenn E., and Dolan.
Dolan, Edward, Mechanic Falls, assignor to Federal Shoe Inc., Lewiston, Maine. Fully slip-lasted and machine sewn moccasin. 2,564,301, Aug. 14.
Dolan, Francis D., assignor to The American Floor Surfacing Machine Company, Toledo, Ohio. Rotary power handsaw with quick locking adjustments. 2,558,829, July 3.
Dolan, George A.: *See*—
Smith, Harry B., and Dolan.
Dolan, John T., New Rochelle, N. Y. Clothes hanger. 2,561,728, July 24.
Dolan, Joseph A., Oakland, Calif. Washing machine. 2,570,529, Oct. 9.
Dolansky, George, Newark, N. J. Pruning shears and the like. 2,563,590, Aug. 7.
Dolbey, Norman L., Armley, Leeds, England. Treating asbestos fiber and coating surfaces therewith. 2,563,457, Aug. 7.
Dolbey, Norman L., Leeds, England. Apparatus for treating asbestos fiber. 2,563,458, Aug. 7.
Dole, Francis H., Kenmore, N. Y., assignor to Mathieson Chemical Corporation. Sodium chlorite manufacture. 2,565,209, Aug. 21.
Dole, James, Engineering Co., assignee: *See*—
Martin, William McK.
Dole, Marshall H., Hudson, Ind., assignor to General Electric Company. Transformer. 2,579,308, Dec. 18.
Dole Refrigerating Company, assignee: *See*—
Kleist, Herman W.
Dole, Stephen H., Orange, N. J., assignor to Standard Oil Development Company. Improving stability of waxes. 2,554,244, May 22.
Dole Valve Company, The, assignee: *See*—
Bauerlein, Carl C., and Michalsen.
Brown, Clyde A.
Chace, Thomas B.
Chace, Thomas B., and Brown.
Chace, Thomas B., and Reinhardt.
Drapeau, Harold B.
Hansen, Clarence E.
Kempton, Leslie A.
Sanborn, Frank E.
Vellinga, John.
Dolejs, Joseph, Antigo, Wis. Fishing sinker. 2,548,291, Apr. 10.
Dolejs, Joseph, Sr., Antigo, Wis. Fishing line float. 2,548,355, Apr. 10.
Doležal, Richard, Vitkovice, assignor to Vitkovické Železárny Klementa Gottwalda Národní Podnik, Ostrava, Czechoslovakia. Furnace for burning low-grade fuel, including air-cooled partition walls. 2,548,656, Apr. 10.
Dolge, Merton L., Seattle, Wash. Can cover clincher. 2,571,691, Oct. 16.
Dolgin, Seymour F., assignee: *See*—
Brock, Charles R.
Dolgov, Muray, assignee: *See*—
Briglia, Anton.
Doll, Claude S.: *See*—
Lauterbur, Raymond A., and Doll.
Doll, Henri-Georges, assignor to Schlumberger Well Surveying Corporation, Houston, Tex. Establishing markers in boreholes. 2,550,004, Apr. 24.
Doll, Henri-Georges, assignor to Schlumberger Well Surveying Corporation, Houston, Tex. Well logging method and apparatus. 2,554,174, May 22.
Doll, Henri-Georges, assignor to Schlumberger Well Surveying Corporation, Houston, Tex. Well logging method and apparatus utilizing periodically variable spontaneous potentials. 2,550,005, Apr. 24.
Dolly Toy Company, The, assignee: *See*—
Riley, Philip A.
Dolnick, Arthur A., and M. Potash, assignors to Publicker Industries Inc., Philadelphia, Pa. Preparation of acetals. 2,566,559, Sept. 4.
Dolnick, Arthur A., and H. Naidus, assignors to Publicker Industries Inc., Philadelphia, Pa. Hydrohalogenation of olefins. 2,573,695, Nov. 6.
Dolph, Robert N.: *See*—
Hibshman, Henry J., and Dolph.
Dolphin, Inez V., Chicago, Ill. Twisted bow hair ribbon. 2,560,095, July 10.
Dolson, Leo R., and G. Stone, Sebastopol, Calif. Egg washer. 2,574,252, Nov. 6.
Dolza, John, P. W. Perish, and D. P. Croisant, Indianapolis, Ind., assignors to General Motors Corporation, Detroit, Mich. Engine controller. 2,563,822, Aug. 14.
Dolza, John, A. W. Gaubatz, P. W. Perish, D. P. Croisant and F. W. Kerfoot, Indianapolis, Ind., assignors to General Motors Corporation, Detroit, Mich. Apparatus for controlling engine intake pressure with variable-speed blower and engine throttle. 2,565,482, Aug. 28.
Domack, Stanley A., assignor to Keenline Equipment Corporation, Oshkosh, Wis. Container handling machine. 2,563,319, Aug. 7.
Domack, Stanley A., and J. Rutkowski, assignors to Keenline Equipment Corporation, Oshkosh, Wis. Machine for mixing bottled beverages. 2,563,320, Aug. 7.
Doman, Glidden S., Stratford, Conn., assignor to Doman Helicopters, Inc. Directional and trim control for rotary wing aircraft. 2,550,538, Apr. 24.
Doman Helicopters, Inc., assignee: *See*—
Doman, Glidden S.
Doman, John P., assignor to V. P. Doman, Los Angeles, Calif. Door hinge. 2,568,225, Sept. 18.
Doman, John P., assignor to V. P. Doman, Los Angeles, Calif. Combination hinge. 2,577,456, Dec. 4.
Doman, Victor P., assignee: *See*—
Doman, John P.
Dombek, Blanche M., New York, N. Y. Comb hair lock. 2,569,659, Oct. 2.
Dombitsky, Ann I., San Francisco, Calif. Attachment for brushes and combs. 2,553,242, May 15.
Dombroski, Frank P.: *See*—
Lacey, Harold T., and Dombroski.
Dome, Robert B., Geddes Township, Onondaga County, N. Y., assignor to General Electric Company. Frequency modulation detector. 2,539,818, Jan. 30.
Dome, Robert B., Geddes Township, Onondaga County, N. Y., assignor to General Electric Company. Angle modulation demodulator. 2,540,813, Feb. 6.
Dome, Robert B., Geddes Township, Onondago County, N. Y., assignor ot General Electric Company. Pulse discriminator. 2,551,250, May 1.
Dome, Robert B., Geddes Township, Onondaga County, N. Y., assignor to General Electric Company. Circuit for increasing the output of class C amplifiers. 2,554,457, May 22.
Dome, Robert B., Geddes Township, Onondaga County, N. Y., assignor to General Electric Company. Multiple channel radio receiving system. 2,562,703, July 31.
Dome, Robert B., Bridgeport, Conn., assignor to General Electric Company. Phase shift system. 2,566,876, Sept. 4.
Dome, Robert B., Geddes Township, Onondaga County, N. Y., assignor to General Electric Company. Frequency converter with plural selectable oscillators. 2,569,296, Sept. 25.
Domengeaux, Jerome E., assignee: *See*—
Hebert, Roy P.
Dominguez, Rafael, assignee: *See*—
Hrabal, Eduard.
Dominic, Joseph, Botwood, Newfoundland. Safety feed control device for oil burners. 2,573,696, Nov. 6.
Dominick, Joseph, Philadelphia, Pa. Fog lens attachment. 2,539,819, Jan. 30.
Dominion Bridge Company Limited, assignee: *See*—
McLachlan, Robert A.
Dominion Corset Company Limited, assignee: *See*—
Boivin, Peter H.
Dominion Electrical Manufacturing, Inc., assignee: *See*—
Hanner, George E.
Dominion Engineering Works Limited, assignee: *See*—
Muir, William P.
Stevens, Robert W.
Stevens, Robert W., and Mackey.

Dominion Magnesium Limited, assignee: *See*—
Rostrom, Douglas W.
Dominion Road Machinery Co., Limited, The, assignee: *See*—
Macdonald, John G.
Dominion Tar & Chemical Company Limited, assignee: *See*—
Kemp, Woodrow E.
Sturrock, Murray G., and Lawe.
Dominion Textile Company Limited, assignee: *See*—
Carrier, Joseph A.
Kershaw, John G., and Carrier.
Domitrovic, William, Canonsburg, Pa. Farm wagon with continuous conveyer. 2,570,530, Oct. 9.
Don Manufacturing Company, assignee: *See*—
Copping, Bruce G.
Donahew, Arthur L.: *See*—
Edwards, Theodoric B., and Donahew.
Donahue Corporation of Canada Ltd., assignee: *See*—
West, William.
Donahue, George T., Lakewood, Ohio, assignor to F. H. Philbrick, Chicago, Ill. Method and apparatus for dressing a railroad track bed. 2,550,979 May 1.
Donahue, Lawrence E., assignor to Crane Packing Company, Chicago, Ill. Rotatable work holder for articles to be lapped or ground. 2,577,312, Dec. 4.
Donahue, Paul A., Los Angeles, Calif. Footwear. 2,538,673, Jan. 16.
Donahue, William E., Pullman, Wash., and S. B. Luce, La Grange, assignors to Swift & Company, Chicago, Ill. Acidified aqueous emulsions of polyvinyl acetate containing hydroquinone and making. 2,576,827, Nov. 27.
Donahue, William J., Jr.: *See*—
Graumann, Raymond L., and Donahue.
Donal, John S., Jr., Princeton, N. J., assignor to Radio Corporation of America. Electron discharge device. 2,565,357, Aug. 21.
Donal, John S., Jr., and C. L. Cuccia, Princeton, N. J., and B. B. Brown, Lancaster, Pa., assignors to Radio Corporation of America. Electron discharge device. 2,559,604, July 10.
Donald, Archibald, assignor to Gabriel Steel Company, Detroit, Mich. Collapsible container. 2,579,655, Dec. 25.
Donald, Nestor, Windsor, Ontario, Canada. Dispenser for straws and the like. 2,551,424, May 1.
Donald, William P.: *See*—
Matteson, Elwin A.
Donaldson Company, Inc., assignee: *See*—
Lowther, Wilfred W.
Donaldson, George R.: *See*—
Gerald, Curtis F., and Donaldson.
Donaldson, Norman E., Great Falls, Mont. Infant's feeding kit. 2,555,788, June 5.
Donath, Erwin, New York, N. Y. Electronic discharge device. 2,569,154, Sept. 25.
Donau Chemie Aktiengesellschaft, assignee: *See*—
Fruwirth, Otto, and Walla.
Donda, Charles, Chicago, Ill., assignor to S. G. Taylor Chain Company, Hammond, Ind. Joiner link. 2,538,356, Jan. 16.
Donegan, Joseph W., New Brunswick, N. J., assignor to Allied Chemical & Dye Corporation, New York, N. Y. Manufacture of activated carbon. 2,549,298, Apr. 17.
Donelan, James A.: *See*—
Penrose, James R., and Donelan.
Donelan, James A., West Harrow, assignor to The General Electric Company, Limited, London, England. Combined pressure welding and arc welding method. 2,567,012, Sept. 4.
Donelson, William W.: *See*—
Asaff, Annis G., and Donelson.
Doniak, Michael, Compton, Calif. Rotatable electrically heated drying cylinder. 2,571,426, Oct. 16.
Donk, Gerardus J. C., Eindhoven, Netherlands, assignor to Hartford National Bank and Trust Company, Hartford, Conn. as trustee. Tranceiver for telegraphy. 2,554,096, May 22.
Donkelaar, Jacobus J., and G. B. Knos, Eindhoven, Netherlands, assignors to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Crossbar switch for automatic telephone installations. 2,576,785, Nov. 27.
Donle, Edwin S., Edgewood, R. I., assignor to Coro, Inc. Locket construction. 2,545,267, Mar. 13.
Donleavy, John J., Montclair, N. J., assignor to Allied Chemical & Dye Corporation. Weed control. 2,544,141, Mar. 6.
Donley Brothers Company, The, assignee: *See*—
Donley, George W.
Donley, George W., assignor to The Donley Brothers Company, Cleveland, Ohio. Metal air-heating apparatus. 2,562,141, July 24.
Donley, Harold B., assignor to Columbus Metal Products, Inc., Columbus, Ohio. Downdraft pilot for vaporizing oil burners. 2,549,067, Apr. 17.
Donley, Harold B., assignor to Columbus Metal Products, Inc., Columbus, Ohio. Pilot structure. 2,549,068, Apr. 17.
Donley, Harold B., assignor to Columbus Metal Products, Inc., Columbus, Ohio. Pilot burner. 2,579,370, Dec. 18.
Donley, Harold B., assignor to Columbus Metal Products, Inc., Columbus, Ohio. Pilot burner. 2,579,371, Dec. 18.
Donley, Harold B., assignor to Columbus Metal Products, Inc., Columbus, Ohio. Pilot burner. 2,579,372, Dec. 18.
Donley, Hugh L., and C. Wentworth, Princeton, N. J., assignors to Radio Corporation of America. Electrical coupling system for magnetostrictive elements. 2,571,019, Oct. 9.
Donlon, Peter D.: *See*—
Thornton, John W., and Donlon.
Donnell, John W., East Lansing, Mich., and K. Tator, assignors to Industrial Lining Engineers, Inc., Sewickley, Pa. Coating metallic articles with vinyl resin dispersions. 2,550,232, Apr. 24.
Donnelley, Elliott, Chicago, Ill., assignor to R. R. Donnelly & Sons. Adjustable dunnage apparatus. 2,575,751, Nov. 20.
Donnelly, John F., Holland, Mich. Glass beveling apparatus. 2,578,789, Dec. 18.
Donnelly, Joseph B., Burlingame, Calif., assignor to Schenley Industries, Inc. Container opener. 2,576,926, Dec. 4.
Donnelly, Joseph B., Burlingame, Calif., assignor to Schenley Industries, Inc. Container opener. 2,579,912, Dec. 25.
Donnelly, Lawrence E., Everett, and C. A. Wheeler, Melrose, Mass. Lawn roller. 2,580,084, Dec. 25.
Donnelly, R. R., & Sons, assignee: *See*—
Donnelley, Elliott.
Donner, Verne P., Palatine, assignor to Mid-Continent Metal Products Company, Chicago, Ill. Cutting and feeding machine. 2,546,390, Mar. 27.
Donofrio, Alfonso M., assignor to McKay-Davis Chemical Corporation, Toledo, Ohio. Protective package for pills, tablets, and the like. 2,549,069, Apr. 17.
Donofrio, John M., assignor to Dismat Corporation, Toledo, Ohio. Infant's anchored dish. 2,542,400, Feb. 20.
Donoghue, Florence F., Worcester, assignor to Draper Corporation, Hopedale, Mass. Loom detector mechanism. 2,556,136, June 5.
Donohue, Elizabeth, administratrix: *See*—
Donohue, John J.
Donohue, John J., deceased, Brooklyn, N. Y., by E. Donohue, administratrix, Brooklyn, N. Y. Transparent bifocal protractor. 2,566,058, Aug. 28.
Donohue, William J., Aspinwall, Pa. Liquid and solids processing apparatus. 2,539,732, Jan. 30.
Donovan, Cornelius J.: *See*—
Fay, Harold C., and Donovan.
Donovan, Delbert, Detroit, Mich. Flying top-ring toy. 2,564,053, Aug. 14.
Donovan, Marion, Saugatuck, Conn. Diaper wrap. 2,556,800, June 12.
Donovan, Marion, Saugatuck, Conn., assignor to Kennedy Car Liner & Bag Co., Inc., Shelbyville, Ind. Diaper cover. 2,575,163, Nov. 13.
Donovan, Marion, Saugatuck, Conn., assignor to Kennedy Car Liner & Bag Co., Inc., Shelbyville, Ind. Diaper housing. 2,575,164, Nov. 13.
Donovan, Marion, Saugatuck, Conn., assignor to Kennedy Car Liner & Bag Co., Inc., Shelbyville, Ind. Diaper cover. 2,575,165, Nov. 13.
Donovan, Patrick L., Peoria, Ill. Sash hanger. 2,554,403, May 22.
Donovan, Raymond A.: *See*—
Levy, Max H., and Donovan.
Donovan, Raymond F., Huntington, N. Y., assignor of thirty-five per cent to J. J. Murphy, Chicago, Ill. Cone grip lock nut. 2,576,579, Nov. 27.
Donovan, Thomas S., Ontario, assignor to Eastman Kodak Company, Rochester, N. Y. Disodium-N,N′-dimethyl-p-phenylenediaminomethane sulfonate and preparation. 2,578,292, Dec. 11.
Donzis, Jerome M., San Antonio, Tex. Well swab. 2,544,984, Mar. 13.
Doolan, John T., Edmonton, Alberta, Canada. Clothes-drying machine. 2,561,652, July 24.
Dooley, John T., Buffalo, N. Y. Burglar alarm switching system. 2,545,727, Mar. 20.
Dooley, John T., Buffalo, N. Y. Directional signal. 2,561,267, July 17.
Doolin, C. E., assignee: *See*—
Dashwood, Charles E.
Massecar, Aubrey W.
Doolittle, Donald B., assignor to All American Airways, Inc., Wilmington, Del. Parachute initial peak load reducer. 2,560,637, July 17.
Doolittle, Howard D., Cambridge, Mass., assignor, by mesne assignments, to the United States of America as represented by the Secretary of War. Impulse generating apparatus. 2,543,445, Feb. 27.
Doolittle, James C., and E. A. McCabe, Bell Glade, Fla. Basket cover fastener. 2,571,548, Oct. 16.
Doornbos, Carl L., assignee: *See*—
Doornbos, Ralph H.
Doornbos, Floyd H., assignee: *See*—
Doornbos, Ralph H.
Doornbos, John, assignee: *See*—
Doornbos, Ralph H.

Doornbos, Ralph H., assignor of one-sixth to C. L. Doornbos, one-ninth to P. A. Carlson, Wichita, Kans., one-ninth to S. M. Elder, Bonnerdale, Ark, one-eighteenth to F. H. Doornbos, and one-eighteenth to J. Doornbos, El Dorado, Kans. Automatic focus reducer and copying camera. 2,572,992, Oct. 30.

Dopp, Carl A., Park Ridge, and E. C. Petrie, Elmhurst, assignors to Crane Co., Chicago, Ill. Valve. 2,563,012, Aug. 7.

Doppelt, Charles, Chicago, Ill. Garment fold board for small size hand luggage. 2,554,668, May 29.

Doppelt, Max J., Chicago, Ill. Inking pad for stencil duplicating machines. 2,538,864, Jan. 23.

Doran, Joseph J., assignee: *See*—
Doran, Joseph.

Doran, Joseph, St. Louis, Mo., assignor to J. J. Doran, Barrington, Ill. Welder's helmet. 2,546,942, Mar. 27.

Doran, Robert F., Floral Park, N. Y., assignor to Sylvania Electric Products Inc. Glass-to-metal seal. 2,555,877, June 5.

Doran, Robert F., Floral Park, N. Y., assignor to Sylvania Electric Products, Inc. Overlapping header for radio tubes. 2,573,553, Oct. 30.

Doran, Wilbur J., and E. M. Van Heyningen, assignors to Eli Lilly and Company, Indianapolis, Ind. Spirobarbituric acids. 2,561,688, July 24.

Doran, Wilbur J., and E. M. Van Heyningen, assignors to Eli Lilly and Company, Indianapolis, Ind. Spirothiobarbituric acids. 2,561,689, July 24.

Dorand, René, Billancourt, France. Pivoted blade airscrew with automatic pitch adjustment. 2,536,041, Jan. 2.

Dore Development Co., Inc., The, assignee: *See*—
Theodore, David T.

Dore, Evelyn, New York, N. Y. Bird-shaped baby carriage with folding seats. 2,539,236, Jan. 23.

Doremus, John A., Lincoln, assignor to Raytheon Manufacturing Company, Newton, Mass. Object-locating radio system. 2,557,864, June 19.

Dorey, George B., Westmount, Quebec, Canada, assignor to Enterprise Railway Equipment Company, Chicago, Ill. Hopper car door frame. 2,559,760, July 10.

Dorey, George B., Westmount, Quebec, Canada. Journal box lid. 2,561,052, July 17.

Dorey, George B., Westmount, Quebec, Canada. Journal box lid. 2,567,878, Sept. 11.

Dorey, George B., Westmount, Quebec, Canada, assignor to Enterprise Railway Equipment Company, Chicago, Ill. Hopper car door latching means. 2,578,231, Dec. 11.

Dorf, Richard H., New York, N. Y. Multiquestion quiz game and scoring device. 2,562,179, July 31.

Dorfan, Morton I., Pittsburgh, Pa., assignor to Koppers Company, Inc. Producing a granule coated base. 2,536,042, Jan. 2.

Dorfman, Louis, Oakland, Calif. Ignition key warning device for automobiles, etc. 2,536,918, Jan. 2.

Dorgelo, Eduard G.: *See*—
Lemmens, Hendricus J., and Dorgelo.
Ten Boske, Johan A., and Dorgelo.

Dorgelo, Eduard G., Eindhoven, Netherlands, assignor to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Getter structure for electric discharge tubes. 2,547,200, Apr. 3.

Dorgin, Abraham L., New York, N. Y. Creping nylon. 2,575,008, Nov. 13.

Doric, Charles A., West Warwick, R. I. Necktie knot form. 2,557,640, June 19.

Dorion, Alexandre: *See*—
Ouellet, Francois X., and Dorion.

Dorion, Michael D., Rumford, Maine. Door securing device. 2,562,301, July 31.

Doris, Robert J., St. Paul, Minn. Horizontal axis roundabout. 2,537,399, Jan. 9.

Dorjee, Hendrik, Eindhoven, Netherlands, assignor to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Plug pin. 2,564,098, Aug. 14.

Dorkin, Catherine M. C.: *See*—
Speakman, John B., Chamberlain, and Dorkin.

Dorman, Leonard M.: *See*—
Firing, Osborne.

Dormeyer Corporation, assignee: *See*—
Masheris, Fred A.

Dorn, Frank L.: *See*—
Hinz, Henry C., Jr., Schermerhorn, and Dorn.

Dornbos, Robert A., Chicago, and J. D. Feeney, Downers Grove, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y. Safety control mechanism. 2,541,577, Feb. 13.

Dornbush, Edward, Miami Beach, assignor to Tropical Concrete Products, Inc., Hialeah, Fla. Sanitary storage cabinet. 2,558,939, July 3.

Dorne, Arthur: *See*—
Nelson, Jessie A., and Dorne.

D'Ornellas, Manuel L., Buenos Aires, Argentina. Multiple wheel compartment projector. 2,561,503, July 24.

Dorner, Fred R., Middletown, Ohio. Adjustable spring clamp. 2,538,509, Jan. 16.

Dornfeld, Clinton A.: *See*—
Cusic, John W., and Dornfeld.

Dornte, Ralph W., Westfield, and J. F. McKay, Jr., Elizabeth, N. J., assignors to Standard Oil Development Company. Low-temperature olefin polymerization with sulfur containing Friedel-Crafts complex catalysts. 2,536,841, Jan. 2.

Dornte, Ralph W., Hatboro, Pa., assignor to Standard Oil Development Company. Recovery of fatty acids from dilute aqueous solutions. 2,537,658, Jan. 9.

Dornte, Ralph W., Westfield, N. J., assignor to Standard Oil Development Company. Complex Friedel-Crafts catalyst containing aromatic hydrocarbons. 2,554,245, May 22.

Dornte, Ralph W., Westfield, N. J., assignor to Standard Oil Development Company. Friedel-Crafts metal halide-ether complexes as polymerization catalysts. 2,559,062, July 3.

Dornte, Ralph W., Westfield, N. J., assignor to Standard Oil Development Company. Polymerization of isoolefins with complex Friedel-Crafts metal halide catalysts. 2,561,729, July 24.

Dornvan Corporation, The, assignee: *See*—
Van Dorn, Herbert E.

Dorr, Clarence J., Tuckahoe, N. Y., assignor to Automatic Electric Laboratories, Inc., Chicago, Ill. Selective calling system. 2,576,216, Nov. 27.

Dorr Company, The, assignee: *See*—
Fitch, Elliott B.
Knight, Cyril H.
Scott, Charles H.
White, Frank S.

Dorris, Duncan, St. Louis, and G. P. Dorris, Jr., Olivette, Mo. Speed change assembly. 2,556,259, June 12

Dorris, George P., Jr.: *See*—
Dorris, Duncan, and G. P.

Dorsett, Rowell R., Baltimore, Md. Treating cellulosic and similar materials. 2,580,286, Dec. 25.

Dorsey, Claude E., Jr., Elba, Ala. Motor vehicle with tandem conversion attachment. 2,539,733, Jan. 30.

Dorshaw, Robert E., Philadelphia, Pa. Figure toy. 2,550,407, Apr. 24.

Dorsky, Julian: *See*—
Harvey, Clarence C., Neher, and Dorsky.

Dort, Russell L.: *See*—
Andrews, Norman F., and Dort.

Dortmund, Paul H., Columbus, Ohio. Expansible tool handle. 2,576,751, Nov. 27.

Dorton, John M., Bonner Springs, Kans. Adjustable chair. 2,560,688, July 17.

Dorton, John M., Bonner Springs, Kans. Wall bed. 2,560,689, July 17.

Dorusak, George J., Croydon, Pa. Tie knot form. 2,566,760, Sept. 4.

Dosberg, Harry E., Eggertsville, assignor to Ilac Products Corporation, Buffalo, N. Y. Apparatus for dispensing towels. 2,572,121, Oct. 23.

Doschek, Antony, Crafton, Pa., assignor of one-half to G. O. Paff, Baltimore, Md. Dispensing valve. 2,559,116, July 3.

Doscher, Todd M., West Los Angeles, assignor to Oil Well Chemical & Materials Co., Inc., Los Angeles, Calif. Treatment for drilling fluids. 2,568,992, Sept. 25.

Dosier, Robert L., Monterey Park, assignor of fifty per cent to S. F. Jack, Los Angeles, Calif. Loading device. 2,542,910, Feb. 20.

Dosmann, Lucien P., South Bend, Ind., assignor to United States Rubber Company, New York, N. Y. Latex deposited article. 2,547,694, Apr. 3.

Doss, Jerome E., Stuart, Fla. Safety plug for electric appliances. 2,555,685, June 5.

Doss, John C., Gap Mills, W. Va. Extension foot for ladders. 2,567,806, Sept. 11.

Dossey, Carl H.: *See*—
Lucas, James E., and Dossey.

Dotson, Craig L., Washington, Pa. Vented neck mold. 2,550,140, Apr. 24.

Dotson, Forrest R., assignor to L. C. Dotson, Huntington, W. Va. Motor testing unit. 2,579,804, Dec. 25.

Dotson, Laura C., assignee: *See*—
Dotson, Forrest R.

Dotson, Leighton G., Dallas, Tex. Bar hanger. 2,543,357, Feb. 27.

Dotten, Earl W., Cromwell, Minn. Swinging support. 2,562,021, July 24.

Doty, Arnold S., and W. E. Lynch, assignors to P. R. Mallory & Co., Inc., Indianapolis, Ind. Electrical contact of an internally oxidized composition. 2,539,298, Jan. 23.

Doty, Charles R., Poughkeepsie, assignor to International Business Machines Corporation, New York, N. Y. Consecutive blank column detector. 2,573,317, Oct. 30.

Doty, Charles R., Yonkers, H. J. Klotz, Endicott, and T. D. Koranye, Vestal, assignors to International Business Machines Corporation, New York, N. Y. Typewriter and card punch combination. 2,569,805, Oct. 2.

Doty, Clifford B., assignor to Briggs Manufacturing Company, Detroit, Mich. Seat structure. 2,563,220, Aug. 7.

Doty, Clifford B., assignor to Briggs Manufacturing Company, Detroit, Mich. Armrest. 2,563,222, Aug. 7.

Doty, Clifford B., assignor to Briggs Manufacturing Company, Detroit, Mich. Armrest. 2,565,211, Aug. 21.

Doty, Clifford B., and T. Vigmostad, assignors to Briggs Manufacturing Company, Detroit, Mich. Automobile body side and roof assembly. 2,563,221, Aug. 7.

Dotzenroth, William H., Montreal, Quebec, Canada, assignor to United States Rubber Company, New York, N. Y. Antisplash shoe heel. 2,575,752, Nov. 20.
Doub, Leonard, assignor to Parke, Davis & Company, Detroit, Mich. Preparing aromatic amino hydroxy acids. 2,540,104. Feb. 6.
Double, Clyde W., Crafton, Pa. Tape dispenser. 2,578,519, Dec. 11.
Double, Walter F.: *See*—
Snow, Virgil L., and Double.
Double, Walter F., Wickliffe, assignor to The Euclid Road Machinery Co., Cleveland, Ohio. Rear dump truck. 2,557,082, June 19.
Douce, William C., Bartlesville, Okla., assignor to Phillips Petroleum Company. Catalytic cracking and destructive hydrogenation of heavy asphaltic oils. 2,559,285, July 3.
Doucette, Adrian R., Swissvale, Pa., assignor to Westinghouse Air Brake Company. Portable equipment for inductive carrier communication systems. 2,574,777, Nov. 13.
Doucot, Roger, Ivry, assignor to Compagnie des Freins et Signaux Westinghouse, Paris, France. Element of asymmetric conductivity of selenium. 2,554,979, May 29.
Doughboy Industries, Inc., assignee: *See*—
Humphrey, James M.
Dougherty, John J., assignee: *See*—
Cobi, Walter H.
Dougherty, Lemuel E., Washington, D. C. Torque converter. 2,565,551, Aug. 28.
Dougherty, Russell, Blyth, Ontario, Canada. Seed feeding disk with ejector brush. 2,566,406, Sept. 4.
Dougherty, Samuel R., Ridley Park, Pa., assignor to American Viscose Corporation, Wilmington, Del. Dual purpose creel adapter. 2,563,994, Aug. 14.
Dougherty, William A., San Rafael, Calif. Code transmitter. 2,558,718, July 3.
Doughnut Corporation of America, assignee: *See*—
Ackles, Virgil E.
Brickson, Thomas B.
Walsh, James F., Levitt, and Goodman.
Doughty, Edward C., Jr., Williamstown, assignor to Sprague Electric Company, North Adams, Mass. High-voltage condenser. 2,555,326, June 5.
Doughty, Howard W., Amherst, assignor to Firetox Company, Holyoke, Mass. Absorbing gases in liquids. 2,545,654, Mar. 20.
Doughty, Leon A., Glenside, assignor to C & D Batteries, Inc., Conshohocken, Pa. Separator for storage batteries. 2,555,225, May 29.
Douglas Aircraft Company, Inc., assignee: *See*—
Allen, Harold R., and Barber.
Bryan, Floyd E., and Gunning.
Castle, John B.
Del Mar, Bruce E.
Farhat, Annis A.
Kleinhans, Schuyler.
Klemperer, Wolfgang B.
Moreton, Douglas H.
Muller, Oscar A.
Rogers, Allan B., and Brown.
Douglas, Arthur W.: *See*—
Collins, James E., and Douglas.
Douglas, Courtney C., Arcadia, and W. I. Thrall, South Pasadena, assignors to The Deutsch Company, Los Angeles, Calif. By-pass meter bar. 2,579,656, Dec. 25.
Douglas, Damon V., Shreveport, La. Collapsible anchor. 2,540,867, Feb. 6.
Douglas, Donald J.: *See*—
Palmquist, Philip V., and Douglas.
Douglas, George T., A. Lowe, and S. Robinson, Manchester, England, assignors to Imperial Chemical Industries Limited. Aqueous printing paste. 2,565,358, Aug. 21.
Douglas, James K., Shorewood, assignor to The Oilgear Company, Milwaukee, Wis. Controller for hydrodynamic machines. 2,547,154, Apr. 3.
Douglas, James K., Shorewood, assignor to The Oilgear Company, Milwaukee, Wis. Apparatus for scavenging hydrodynamic machines. 2,553,850, May 22.
Douglas, James K., Shorewood, assignor to The Oilgear Company, Milwaukee, Wis. Sliding vane type hydrodynamic machine. 2,565,651, Aug. 28.
Douglas, Karle S., Galt, Calif. Adjuster for clothes hangers. 2,548,778, Apr. 10.
Douglas, Max M., Long Beach, Calif. Valve stem guide with air inlet. 2,579,657, Dec. 25.
Douglas, Peyton W., Syracuse, N. Y. Collapsible baby bathing device. 2,536,731, Jan. 2.
Douglas, Peyton W., assignor to Easy Washing Machine Corporation, Syracuse, N. Y. Laundry machine. 2,539,533, Jan. 30.
Douglas, Peyton W., assignor to Easy Washing Machine Corporation, Syracuse, N. Y. Washing machine. 2,575,335, Nov. 20.
Douglas, Ronald W., Wembley, and E. G. James, Pinner, assignors to The General Electric Company, Limited, London, England. Crystal contact device. 2,572,993, Oct. 30.
Douglas, Wallace R., Crete, Nebr. Automatic shutoff for filling spouts. 2,578,926, Dec. 18.
Douglas, William T., Jr.: *See*—
Stribling, Stiles C., Jr., Douglas, and Talmage.
Douglass, Ben W., Dayton, Ohio. Aircraft fuel tank ejector. 2,549,785, Apr. 24.
Douglass, Myrl R., Edgewood, assignor to The Union Switch & Signal Company, Swissvale, Pa. Apparatus for controlling highway crossing signals. 2,547,626, Apr. 3.
Douglass, Robert F., Omaha, Nebr. Doweling jig. 2,561,914, July 24.
Doumani, Thomas F., and J. F. Cuneo, assignors to Union Oil Company of California, Los Angeles, Calif. Preparation of thio esters. 2,550,141, Apr. 24.
Dourdy, Walter E., Chicago, Ill. Tire spreader. 2,553,901, May 22.
Douša, Jaroslav, Dobrany, assignor to Skoda Works, National Corporation, Plzen, Czechoslovakia. Pneumatic chuck for automatic turret lathes. 2,561,789, July 24.
Dovolis, Nick J., assignor to Char-Gale Manufacturing Company, Minneapolis, Minn. Humidifier. 2,565,210, Aug. 21.
Dow, Arthur L., Easton, and A. J. Nelson, Stratford, assignors to United Aircraft Corporation, East Hartford, Conn. Canopy actuating mechanism. 2,570,434, Oct. 9.
Dow Chemical Company, The, assignee: *See*—
Abernethy, Nelson W.
Ahlquist, Francis N., and Wasco.
Alquist, Francis N., Wasco, and Irons.
Alquist, Francis N., Wasco, and Kauer.
Amos, James L.
Barry, Arthur J., De Pree, and Hook.
Barstow, Ormond E., and Pippin.
Bauman, William C., and Heusted.
Bennett, Foster C.
Blue, Robert D.
Boyer, Raymond F., and Rubens.
Britton, Edgar C., and Begin.
Britton, Edgar C., Dickert, and White.
Britton, Edgar C., and Hansen.
Britton, Edgar C., and Head.
Britton, Edgar C., and Le Fevre.
Britton, Edgar C., and Slagh.
Britton, Edgar C., Vander Weele, and Livak.
Britton, Edgar C., and White.
Cardwell, Paul H.
Cardwell, Paul H., and Muir.
Coleman, Gerald H.
Coleman, Gerald H., and Rigterink.
Coleman, Gerald H., and Wolf.
Corbett, Gerald M., and Abernethy.
Coulter, Kenneth E., and Hornbacher.
Craige, Arthur H., Jr.
Crouch, James O., and Lyons.
Dankert, Lester J., and Permoda.
Davis, Clyde W., Ehlers, and Ellis.
De Long, Chancey E.
De Pree, Lee, Barry, and Hook.
Drake, Lewis R.
Drake, Lewis R., and Erbel.
Drake, Lewis R., Kenaga, and Erbel.
Drake, Lewis R., and Moyle.
Dulmage, Frederick E.
Frevel, Ludo K., Hunt, and Grebe.
Fry, Ashford B., Kirk, and George.
Fry, William A.
George, Percy F., Fry, and Kirk.
Gowing, James S.
Graves, Eldon F.
Hammer, Oscar H.
Hanson, William J., and Dunham.
Havens, Carl B.
Haynes, James D., and Lyons.
Head, James D.
Heath, Sheldon B.
Irons, Carroll R.
Irons, Carroll R., and Stanton.
Johnson, Julius E., Jr., and Mussell.
Jones, Le Roy V.
Kauer, Kenneth C., Alquist, and Britton.
Kenaga, Eugene E.
Klein, Walter A., Trull, and Dettmer.
Lake, Douglas E., and Asadorian.
Leman, Donald L., and Casey.
Leontis, Thomas E.
Livak, John E., and Britton.
Ludington, Samuel G., and Stober.
Moe, Clyde A., Peake, and Sermon.
Moore, Garnett V., and Irons.
Moyle, Clarence L.
Moyle, Clarence L., and Kenaga.
Pelton, Earl L.
Pelton, Earl L., and Holzschuh.
Pelton, Earl L., Wiggins, and Corbett.
Perkins, Ralph P.
Peterson, Eugene W.
Peterson, Norman R., and Brown.
Pippin, Clarence A., Robinson, and Bennett.
Pontz, Donald F.
Pye, David J., and Joseph.
Reinhardt, Robert C.
Robinson, Harold A.
Robinson, Harold A., and Humble.
Ryden, Laurence L.
Sarge, Theodore W.
Sarge, Theodore W., and Schaefer.
Saunderson, Jason L., Caldecourt, and Peterson.

Dow Chemical Company, The, assignee: *See*—Continued.
Schick, John L.
Scovic, James M.
Serdynsky, Eugene D., Gowing, Wiley, and Havens.
Sexton, Arthur R.
Stanton, George W., and Lowry.
Stenger, Vernon A.
Stober, Kenneth E.
Stoesser, Wesley C., and Sommerfield.
Stowe, Stephen C.
Stowe, Stephen C., and Morris.
Strosacker, Charles J., and Amstutz.
Surine, William R.
Thrune, Richard I.
Warren, Glenn W.
White, Halbert C.
Wiggins, Glenn C., and Johnson.
Young, Arthur E., and Stilbert.

Dow Corning Corporation, assignee: *See*—
Barry, Arthur J.
Barry, Arthur J., and Gilkey.
Clark, Harold A.
Currie, Chester C.
Daudt, William H.
Francis, Joseph D.
Goodwin, John T.
Goodwin, John T., Jr.
Hunter, Melvin J.
Hyde, James F.
Sommer, Leo H.
Speier, John L.
Speier, John L., Jr.
Warrick, Earl L.

Dow, John, Lakewood, Ohio. Changeable sign. 2,573,318, Oct. 30.

Dow, Walter K., Longmeadow, Mass. Measuring and gauging device. 2,569,660, Oct. 2.

Dow, William G., Ann Arbor, and H. C. Early, Beaverton, assignors to General Motors Corporation, Detroit, Mich. Small throat portable welder. 2,556,685, June 12.

Dowell, J. Irvin, assignee: *See*—
Vassar, Archie W.

Dowell, John H.: *See*—
Menzies, Alexander C. G., and Dowell.

Dowi Products, Inc., assignee: *See*—
Hutchinson, Alton E.

Dowling, Joseph W.: *See*—
Drout, William M., Jr., and Dowling.

Dowling, Leslie H., Sr., Birmingham, England. Antislip tread. 2,537,123, Jan. 9.

Down, James W., and D. R. Miller, Washington, D. C., said Miller assignor to said Down. Apparatus for displaying pictorial representations. 2,572,454, Oct. 23.

Downard, Jack M., assignor to Hercules Powder Company, Wilmington, Del. Gelatinous explosive composition. 2,537,039, Jan. 9.

Downe, Edward R., assignor to The C. A. Olsen Manufacturing Company, Elyria, Ohio. Radiation shield means. 2,543,568, Feb. 27.

Downes, Arthur E., Greenwich, Conn. Lumber dipping apparatus. 2,559,286, July 3.

Downes, Daniel T., Creighton, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Laminated glass unit. 2,576,392, Nov. 27.

Downey, Bert F., assignee: *See*—
Watson, Oliver E.

Downey, George T., assignor to Aero Supply Mfg. Co., Inc., Corry, Pa. Motor operated valve shaft. 2,544,448, Mar. 6.

Downey, James J., Norwood, Mass. All-weather windshield wiper. 2,562,302, July 31.

Downey, Reginald L., Syracuse, N. Y., assignor to General Electric Company. Neutralized crystal oscillator. 2,546,027, Mar. 20.

Downey, Reginald L., Syracuse, N. Y., assignor to General Electric Company. Thermal compensation system. 2,568,435, Sept. 18.

Downie, Emerson G., Fort Wayne, Ind., assignor to General Electric Company. Magnetic amplifier. 2,578,405, Dec. 11.

Downing Box Company, assignee: *See*—
Stephan, Elroy R.

Downing, Francis H., Fresno, Calif. Staple holder. 2,544,492, Mar. 6.

Downing, Frederick B., Carney's Point, A. F. Benning, and R. C. McHarness, Woodstown, N. J., assignors, by mesne assignments, to E. I. du Pont de Nemours and Company. Pyrolysis of chloro-fluoro alkanes. 2,551,573, May 8.

Downing, Frederick B., Carney's Point, N. J., and J. B. Roberts, Wilmington, Del., assignors to the United States of America as represented by the United States Atomic Energy Commission. Catalytic vapor phase fluorination apparatus. 2,570,435, Oct. 9.

Downing, Frederick H., Balboa, C. Z. Gyroscopic apparatus. 2,577,313, Dec. 4.

Downing, John: *See*—
Sharphouse, John H., and Downing.
Wilcox, Merlyn H., Downing, and Drewitt.

Downing, John, Spondon, near Derby, England, assignor to Celanese Corporation of America. Coagulating polymer emulsions and recovering spherical particles. 2,556,260, June 12.

Downing, Ralph C., Wilmington, Del., assignor to the United States of America as represented by the United States Atomic Energy Commission. Manufacture of fluorine by electrolysis. 2,540,248, Feb. 6.

Downing, Rexford D.: *See*—
Evers, Clarence C., and Downing.

Downing, William C., Jr., and D. A. Eggleston, Springfield, Ill., and J. M. Vanderleck, Toronto, Ontario, Canada, assignors to Sangamo Electric Company, Springfield, Ill. Thermal converter. 2,577,111, Dec. 4.

Downs, Alfred B., Jr., Columbus, Miss. Ground clamp for electrical circuits. 2,547,932, Apr. 10.

Downs, Bernard I., Forestville, assignor to The Vulcan Radiator Company, Hartford, Conn. Wall bracket for radiators. 2,578,993, Dec. 18.

Downs, Cecil M., Ventura, Calif. Accessory drill for type casting machines. 2,567,994, Sept. 18.

Downs, Charles D., Newtown, Pa., and J. Martin, Trenton, N. J., assignors to Columbian Carbon Company, New York, N. Y. Coating compositions containing gamma-ferric oxide hydrate. 2,541,642, Feb. 13.

Downs, George E., St. Joseph, Mo. Cigarette insert. 2,558,127, June 26.

Downs, Henry W., Jr., Lennoxville, Quebec, Canada. Sealing strip for pulp and other types of screen plates. 2,569,708, Oct. 2.

Dowson, Arthur G., London, England, assignor to Baker & Company Incorporated, Newark, N. J. Spinnerette. 2,566,283, Aug. 28.

Dowty Equipment Limited, assignee: *See*—
Bingham, Arthur E.
Bowers, Eric H.
Carey, Frederick H.
Nicholl, Edward J.
Ord, Lewis R.
Shawbrook, Henry.
Shawbrook, Henry, and Bingham.
Snell, Maurice S.

Dowty, George H., Cheltenham, England. Aircraft nose-wheel or tail-wheel mounting. 2,543,233, Feb. 27.

Doyle, Arthur J.: *See*—
Duffie, James A., and Doyle.

Doyle, Charles C., Willoughby, Ohio. Electrical heater. 2,559,410, July 3.

Doyle, Charles D., Schenectady, N. Y., assignor to General Electric Company. Preparation of polysiloxane resins. 2,542,641, Feb. 20.

Doyle, Charles D., Schenectady, N. Y., assignor to General Electric Company. Silicone resin solutions. 2,575,912, Nov. 20.

Doyle, Charles J.: *See*—
Stafford, Roy M., and Doyle.

Doyle, Frank B., Trenton, N. J., assignor to Ingersoll-Rand Company, New York, N. Y. Controlling device for food processing apparatus. 2,578,179, Dec. 11.

Doyle, Frank P., and J. D. Kendall, assignors to Ilford Limited, Ilford, England. Cyanine dyestuffs. 2,542,401, Feb. 20.

Doyle, George F., Chicago, Ill. Burner liner comprising interlocking liner elements. 2,536,919. Jan. 2.

Doyle, Irving W., Massapequa, W. G. Herbstreit, Forest Hills, and E. C. Weiblen, assignors to Fairchild Camera and Instrument Corporation, Jamaica, N. Y. Recording camera. 2,537,040, Jan. 9.

Doyle, Irving W., Massapequa, and H. E. Hale, Freeport, assignors to Fairchild Camera and Instrument Corporation, Jamaica, N. Y. Computer. 2,545,655, Mar. 20.

Doyle, James F., Forest Hills, assignor to Arkell Safety Bag Company, New York, N. Y. Bag closure. 2,538,510, Jan. 16.

Doyle, Joel G., assignor to RPM Manufacturing Company, Kansas City, Mo. Rotating cutting disk-type mower. 2,578,880, Dec. 18.

Doyle, Richard, Park Ridge, N. J. Pin-inserting finger band. 2,548,521, Apr. 10.

Doyle, Thomas J., Milton, assignor to Tubular Rivet and Stud Company, Quincy, Mass. Screw driving machine. 2,554,732, May 29.

Doyle, Thomas J., South Braintree, assignor to Tubular Rivet and Stud Company, Quincy, Mass. Rivet setting machine with fast snap-action rivet release mechanism. 2,580,160, Dec. 25.

Dozier, William F.: *See*—
Stephenson, Robert M., Dozier, and McCoy.

Drabicki, Anthony, Brooklyn, N. Y. Hypodermic syringe. 2,555,878, June 5.

Drabold, Walter, Detroit, Mich. Internal-combustion engine. 2,565,068, Aug. 21.

Drachman, Myron J., Bronxville, N. Y. Differential mechanism. 2,571,427, Oct. 16.

Drader, Joseph C., assignor to Michigan Tool Company, Detroit, Mich. Hob. 2,567,167, Sept. 11.

Draeger, Walter R., Racine, Wis. Fireplace tool. 2,579,805, Dec. 25.

Draganjac, Michael J., Allegheny County, Pa. Remote-indicating fuel gauge. 2,570,218, Oct. 9.

Drago, Alfred A., and G. H. Brace, New London, Conn. Inclined U water tube boiler. 2,569,155, Sept. 25.
Draimin, Earl S., Alhambra, assignor to Dralar of California, Los Angeles, Calif. Garment hanger. 2,543,234, Feb. 27.
Drake, Alden M., assignor to Niles-Bement-Pond Company, West Hartford, Conn. Tailstock for grinding machines. 2,556,577, June 12.
Drake, Arthur E., Hockessin, assignor to Hercules Powder Company, Wilmington, Del. Emulsion polymerization of unsaturated organic compounds. 2,569,462, Oct. 2.
Drake, Arthur E., Hockessin, assignor to Hercules Powder Company, Wilmington, Del. Emulsion polymerization of unsaturated organic compounds. 2,569,884, Oct. 2.
Drake, Earl D., assignor to Gibson Refrigerator Company, Greenville, Mich. Antitilt and stop means for sliding shelves. 2,550,980, May 1.
Drake, Frederick H., assignor to Aircraft Radio Corporation, Boonton, N. J. Telescoped coupling. 2,555,846, June 5.
Drake, George F., assignor to Woodward Governor Company, Rockford, Ill. Hydraulic force amplifier. 2,549,786, Apr. 24.
Drake, George F., assignor to Woodward Governor Company, Rockford, Ill. Pressure responsive device. 2,568,226, Sept. 18.
Drake, Harcourt C., Hempstead, N. Y., assignor to Sperry Products, Inc., Hoboken, N. J. Rail flaw detector mechanism. 2,546,256, Mar. 27.
Drake, Harrington M., U. S. Navy. Stroboscopic fire control device. 2,538,769, Jan. 23.
Drake, Harry S.: *See*—
Drake, Lewis R. and H. S.
Drake, Herbert S., South Orange, N. J. Detachable armrest for automobile seats. 2,545,545, Mar. 20.
Drake, John F., Arcadia, assignor of one-half to T. G. Kennard, Glendora, Calif. Charging top for cupola furnaces. 2,561,347, July 24.
Drake, John L., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Furnace construction. 2,559,-350, July 3.
Drake, John L., Toledo, and J. P. Pearse, Swanton, assignors to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Method and apparatus for metallizing glass sheets. 2,559,351, July 3.
Drake, Lewis R., administrator: *See*—
Drake, Lewis R. and H. S.
Drake, Lewis R., assignor to The Dow Chemical Company, Midland, Mich. Diphenylthiophene from styrene. 2,538,722, Jan. 16.
Drake, Lewis R., assignor to The Dow Chemical Company, Midland, Mich. O,O-di-(methoxyphenyl) amidothiophosphate. 2,552,536, May 15.
Drake, Lewis R., assignor to The Dow Chemical Company, Midland, Mich. Diamidothiophosphates. 2,552,539, May 15.
Drake, Lewis R., assignor to The Dow Chemical Company, Midland, Mich. Chlorophenoxyacetaldehyde diethyl acetals. 2,553,555, May 22.
Drake, Lewis R., Midland, Mich., and H. S. Drake, deceased, Norwalk, Ohio, L. R. Drake, administrator of said H. S. Drake. Awning. 2,564,641, Aug. 14.
Drake, Lewis R., Midland, and A. J. Erbel, Bay City, assignors to The Dow Chemical Company, Midland, Mich. O-polyhalophenyl diamidothiophosphates. 2,552,537, May 15.
Drake, Lewis R., Midland, and C. L. Moyle, Clare, assignors to The Dow Chemical Company, Midland, Mich. Diamidothiophosphates. 2,552,538, May 15.
Drake, Lewis R., Midland, and A. J. Erbel, Bay City, assignors to The Dow Chemical Company, Midland, Mich. O-methoxy O-alkyl amidothiophosphates. 2,552,540, May 15.
Drake, Lewis R., and E. E. Kenaga, Midland, and A. Erbel, Bay City, assignors to The Dow Chemical Company, Midland, Mich. O-(halophenyl) O-alkyl amidothiophosphates. 2,552,541, May 15.
Drake, Nathan L., College Heights, Md., and W. E. Weaver, Washington, D. C., assignors to the United States of America as represented by the Secretary of the Army. Insect repellents. 2,564,679, Aug. 21.
Drake, Robert M., Jr., Albany, Calif. Interferometer device having a permanently positioned interference pattern viewing screen. 2,570,219, Oct. 9.
Drake, Robert V., Chicago, Ill. Lead cutting tool. 2,561,185, July 17.
Drake, Robert W., Tulsa, Okla. Eccentric ball valve for high-pressure lines. 2,577,725, Dec. 11.
Drake, Russell P., Caledonia, assignor to Barber-Colman Company, Rockford, Ill. Safety stop mechanism for warp drawing-in machines. 2,553,851, May 22.
Drake, Russell P., Caledonia, assignor to Barber-Colman Company, Rockford, Ill. Bobbin winding machine. 2,569,661, Oct. 2.
Drake, William H., Ocala, Fla. Gathering device for Spanish moss. 2,537,882, Jan. 9.
Drake, William H., Rome, Ga. Tilt stand. 2,548,204, Apr. 10.
Drakeley, George T., and D. W. Finlay, assignors to Boeing Airplane Company, Seattle, Wash. Track-type landing gear. 2,544,985, Mar. 13.
Dralar of California, assignee: *See*—
Draimin, Earl S.
Draman, Rexford E., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Dispersions of pigments in synthetic latices of rubberlike materials. 2,560,041, July 10.
Draminsky, Per, Copenhagen, Denmark. Two-stroke engine. 2,542,756, Feb. 20.
Drane, John G., Tempe, Ariz. Electric pressure gauge. 2,560,852, July 17.
Drane, Phillips B., and C. D. Laidley, Tulsa, Okla. Relief valve. 2,557,536, June 19.
Drane, Phillips B., and C. D. Laidley, Tulsa, Okla. Pressure and time controlled circuit maker and breaker. 2,558,830, July 3.
Drapeau, Harold B., Oak Park, assignor to The Dole Valve Company, Chicago, Ill. Pilot controlled diaphragm type fluid control device. 2,550,917, May 1.
Draper Corporation, assignee: *See*—
Brown, Carl D., and Repass.
Cadorette, George.
Clentimack, George E.
Consoletti, Paul C.
Donoghue, Florence F.
Fiset, Alphonse J., and Brown.
Nichols, Edward C.
Repass, George E.
Villani, Antonio.
Draper, Frank H., assignee: *See*—
Pease, Lionel.
Dratler, Samuel L., Cleveland, Ohio. Heel construction. 2,544,878, Mar. 13.
Draughn, Wyatt A., Hattiesburg, Miss. Clamp. 2,555,226, May 29.
Dravo Corporation, assignee: *See*—
Schwartz, Daniel M.
Dray, Walter R., Yorkville, Ill. Power transmitting belt. 2,564,326, Aug. 14.
Drayer-Hanson, Incorporated, assignee: *See*—
Clancy, Gilbert E.
Drazick, John, Detroit, Mich. Reciprocable jaw cap wrench. 2,565,212, Aug. 21.
Drechsel, Erhart K., and J. J. Padbury, Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Diallyl cyanamid copolymer compositions. 2,550,652, Apr. 24.
Dreeben, Jack, Philadelphia, Pa. Brake shoe spring compressor. 2,540,388, Feb. 6.
Drefke, Anna M., Hackensack, Minn. Combination ventilator and shade. 2,543,097, Feb. 27.
Dreher, Carl M., Nora Springs, Iowa. Grocer's scoop. 2,563,223, Aug. 7.
Dreher, Elmer H., East Norwalk, Conn., assignor to Remington Rand Inc., Buffalo, N. Y. Sheet feeding device. 2,537,747, Jan. 9.
Dreher, Otto: *See*—
Meyer, George T., and Dreher.
Dreisbach, Robert H.: *See*—
Nelson, Frank H., and Dreisbach.
Dreisbach, Robert H., assignor to The Magnavox Company, Fort Wayne, Ind. Phonograph pickup and mechanical motion converting system therefor. 2,564,054, Aug. 14.
Dreisbach, Robert H., assignor to The Magnavox Company, Fort Wayne, Ind. Crystal pickup. 2,567,105, Sept. 4.
Dreischerf, Henry C., Chicago, Ill. Device for handling burial vaults. 2,547,627, Apr. 3.
Dreisel, William, Lawrence, assignor to Andrews & Goodrich, Inc., Dorchester, Mass. Device for supporting and forwarding web material. 2,557,416, June 19.
Dreisel, William, Lawrence, assignor to Andrews & Goodrich, Inc., Dorchester, Mass. Apparatus for forwarding web material. 2,557,417, June 19.
Drell, Harry: *See*—
Messinger, Bernard L., and Drell.
Drelon, Rémi, assignor to Societe Anonyme dite: "Societe Lamex," Clermont-Ferrand, France. Ore concentrator. 2,579,110, Dec. 18.
Drenkard, Adam, Jr., Teaneck, assignor to Bendix Aviation Corporation, Teterboro, N. J. Reversible motor control circuit. 2,562,303, July 31.
Drennan, Pat S.: *See*—
Lee, Robert J., and Drennan.
Drennon, William M., South Gate, Calif. Artificial hand. 2,556,524, June 12.
Drennon, William M., South Gate, Calif. Artificial limb joint. 2,556,525, June 12.
Drescher, Ernest W., Manheim Township, Lancaster County, assignor to Hamilton Watch Company, Lancaster, Pa. Endstone cap assembly. 2,561,690, July 24.
Drescher, John F., Santa Monica, Calif. Universal binding post. 2,567,510, Sept. 11.
Dresher, Robert J., Dayton, Ohio. Tonnage calculator. 2,550,458, Apr. 24.
Dresser Equipment Company, assignee: *See*—
Coberly, Clarence J.
Dresser Industries, Inc., assignee: *See*—
Risley, Roger E.
Risley, Roger E., and Scharf.
Schuman, Charles E.
Dresser, Willis R.: *See*—
Waller, Fred, and Dresser.
Dressler, Albert, Jr.: *See*—
Fowler, Arthur E., and Dressler.

Dressler, Philip D., and C. C. Hopkins, assignors to Swindell-Dressler Corporation, Pittsburgh, Pa. Method and apparatus for regulating the operation of an open-fire tunnel kiln. 2,567,556, Sept. 11.

Dressler, Russell G., and J. R. Bircher, Louisiana, Mo., assignors to the United States of America as represented by the Secretary of the Interior. Utilizing aqueous-organic chemical wastes from the Fischer-Tropsch process. 2,574,469, Nov. 13.

Dressler, William C., College Point, N. Y., assignor, by mesne assignments, to Mills Industries, Incorporated, Chicago, Ill. Merchandise vending machine. 2,546,986, Apr. 3.

Dretzke, Carl F., Manawa, Wis. Barn cleaner. 2,558,424, June 26.

Drew, E. F., & Co., Inc., assignee: *See*—
Drew, Ernest F., Bissinger, and Kamlet.
Pollack, Maxwell A.
Zinzalian, George.

Drew, Ernest F., New York, N. Y., H. G. Bissinger, Denville, N. J., and J. Kamlet, assignors to E. F. Drew & Co., Inc., New York, N. Y. Coloring margarine and resulting product. 2,559,411, July 3.

Drew, Morice J., Pinner, England. Chess instruction apparatus. 2,551,318, May 1.

Drew, Robert D., Wenonah, N. J., assignor to Socony-Vacuum Oil Company, Incorporated. Heating solid granules. 2,548,522, Apr. 10.

Drew, William F., Mesa, Ariz. Lumber pile transferrer. 2,538,747, Jan. 23.

Drewitt, James G. N.: *See*—
Wilcox, Merlyn H., Downing, and Drewitt.

Drewitt, James G. N., assignee: *See*—
Allen, Sidney J., and Drewitt.

Drewitt, James G. N., Spondon, near Derby, and G. F. Harding, London, England, assignors to Celanese Corporation of America. Production of poly-ester-amides. 2,547,113, Apr. 3.

Drewitt, James G. N., Spondon, near Derby, and J. Lincoln, London, England, assignors to Celanese Corporation of America. Polyesters from heterocyclic components. 2,551,731, May 8.

Drewitt, James G. N., Spondon, near Derby, and J. Lincoln, London, England, assignors to Celanese Corporation of America. Production of esters and polyesters. 2,551,732, May 8.

Drewry, Gordon D., West Henrietta, N. Y. Wristband. 2,569,885, Oct. 2.

Drews, Gustav, assignee: *See*—
Hansen, James R.

Drews, Harry E., Arlington, Va., assignor to Barker Poultry Equipment Co., Ottumwa, Iowa. Apparatus for scalding poultry. 2,549,070, Apr. 17.

Drexel, Adolph E., Alexandria, Va. Ejector-type holder for tongue blades. 2,551,425, May 1.

Drexel Furniture Company, assignee: *See*—
Early, William A.

Drexler, Charles, Indianapolis, Ind. Overload automatic reversible control. 2,548,709, Apr. 10.

Drexler, Charles, Co., Inc., assignee: *See*—
Morgan, Ralph H.

Dreyer, Albert, assignor to Metallischlauchfabrik A. G., Lucerne, Switzerland. Making interleaved tubes. 2,539,237, Jan. 23.

Dreyer, Edward L., New York, N. Y., and W. Pflug, Newark, assignors to Adamas Carbide Corporation, Harrison, N. J. Making spark wheels for cigar and cigarette lighters. 2,543,235, Feb. 27.

Dreyer, John F., Cincinnati, Ohio. Laminated polarizer. 2,553,961, May 22.

Dreyer, John F., Cincinnati, Ohio. Polarizing means for reducing headlight glare and other purposes. 2,562,895, Aug 7.

Dreyer, John F., Springfield, assignor, by mesne assignments, to J. F. Dreyer, doing business as Dreyer Laboratories, Cincinnati, Ohio. Dichroic light-polarizing sheet materials and the like and the formation and use thereof. 2,544,659, Mar. 13.

Dreyer Laboratories: *See*—
Dreyer, John F.

Dreyfus, Asher, Jr., Oklahoma City, Okla. Clip for display racks. 2,562,777, July 31.

Dreyfus, Henry, deceased, C. Bonard, administrator, London, England, assignor to Celanese Corporation of America. Laminating fabrics. 2,550,006, Apr. 24.

Dreyfus, Henry, deceased, London, England; by C. Bonard, administrator, London, England, assignor to Celanese Corporation of America. Manufacture of cellulose. 2,560,638, July 17.

Dreyfus, Henry, deceased, late of London, England, by C. Bonard, administrator, London, England, assignor to Celanese Corporation of America. Manufacture of high polymeric compounds from N,N'-dicarbophenoxy-2,4-diamino toluene and hexamethylene glycol. 2,568,885, Sept. 25.

Dreyfus, Jean A., Geneva, Switzerland. Sound printing mechanism. 2,540,660, Feb. 6.

Dreyfus, Ludwig, and K. E. Eriksson, assignors to Allmänna Svenska Elektriska Aktiebolaget, Vasteras, Sweden. Inductive stirring. 2,573,319, Oct. 30.

Dreyfuss, Henry, New York, N. Y., assignor to Deere Manufacturing Co., Dubuque, Iowa. Combined grille and screen for radiators. 2,542,238, Feb. 20.

Driessen, Antje G., administrator: *See*—
Driessen, Maxmiliaan G., Krijgsman, and Leeman.

Driessen, Cornelius C., Little Chute, Wis. Deinking printed waste paper. 2,580,161, Dec. 25.

Driessen, Maximiliaan G., deceased, Brunssum, C. Krijgsman and J. N. J. Leeman, Hoensbroek, Netherlands; A. G. Driessen, administrator of said M. G. Driessen, assignors to De Directie van de Staatsmijnen in Limburg, Heerlen, Netherlands. Separation of solids of different specific gravity and grain size. 2,543,689, Feb. 27.

Drigenko, Constantine, Margarets-on-Thames, and J. D. B. Phipps, London, England. Sand cone. 2,564,963, Aug. 21.

Drilling Equipment Mfg. Co., assignee: *See*—
Christensen, Byron C.

Drinkhaus, Theodore A., assignor to Tilt Dispenser Company, Galveston, Tex. Liquid dispenser for garbage cans. 2,571,428, Oct. 16.

Drink-O-Matic Co., assignee: *See*—
Goldberg, Joseph H.

Drinkwater, Charles M., Jr., Lake Bluff, assignor to Drinkwater, Inc., Waukegan, Ill. Coupling gasket. 2,571,348, Oct. 16

Drinkwater, Inc., assignee: *See*—
Drinkwater, Charles M., Jr.

Drisch, Nicolas, and R. Fays, Paris, France, assignors, by mesne assignments, to Textile and Chemical Research Company Limited, St. Peter, Port of Guernsey, Channel Islands. Mechanism for stretching artificial filaments. 2,579,555, Dec. 25.

Drisch, Nicolas, and P. Herrbach, Paris, France, assignors to Comptoir des Textiles Artificiels. Dialytic membrane and producing same. 2,563,644, Aug. 7.

Driscoll, Frederick T.: *See*—
Briggs, Stanley M., Driscoll, and Smith.

Driscoll, Frederick T., C. D. Smith, and S. M. Briggs, Los Angeles, Calif., assignors to Ball Re-Nu, Inc. Ball painting machine. 2,553,902, May 22.

Driscoll, Paul A., assignor to Bendix Aviation Corporation, South Bend, Ind. Automatically adjusting brake. 2,536,269, Jan. 2.

Driskill, J. Bryan, assignee: *See*—
Kitchens, Jess R.

Drissner, Alfred E., Cleveland, Ohio, assignor to The National Acme Company. Chucking mechanism. 2,569,093, Sept. 25.

Dritley, William F., Benton Harbor, Mich. Axle stub-removing tool. 2,544,142, Mar. 6.

Dritz, John & Sons, assignee: *See*—
Dritz, Lawrence L.

Dritz, Lawrence L., Lawrence, assignor to John Dritz & Sons, New York, N. Y. Dress pattern marker. 2,570,328, Oct. 9.

Driver, Douglas L. A., London, England, assignor, by mesne assignments, to International Standard Electric Corporation, New York, N. Y. Manufacturing selenium cells. 2,565,483, Aug. 28.

Driver, Wilbur B., Company, assignee: *See*—
Ellison, Stanley R.

Drobish, William M., Oak Park, and E. L. Drom, Brookfield, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y. Electrical coil assembly. 2,548,205, Apr. 10.

Drobniewski, Stephan J., Chicago, Ill. Spinning top. 2,546,218, Mar. 27.

Droege, Orville E., Glenellyn, C. Hale and P. Schauert, assignors to Swift & Company, Chicago, Ill. Bulk egg breaking and separating. 2,550,189, Apr. 24.

Droeger, Carl C., Greenfield, Ind. Building construction. 2,553,363, May 15.

Droel, Louis W., Rochester, N. Y., assignor to Stromberg-Carlson Company. Electrical relay. 2,574,549, Nov. 13.

Drom, Edwin L.: *See*—
Drobish, William M., and Drom.

Drom, Edwin L., Brookfield, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Loading coil terminal. 2,548,206, Apr. 10.

Drong, Peter G., Hibbing, Minn. Control means for multiple driven axle vehicles. 2,537,400, Jan. 9.

Drong, Peter G., Hibbing, Minn. Vehicle bogie suspension. 2,579,556, Dec. 25.

Dros, Albert A., Eindhoven, Netherlands, assignor to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Combination comprising a hot-gas engine and a piston machine driven thereby. 2,558,481, June 26.

Droshine, Nicholas, Royal Oak, Mich. Butcher's tool rack. 2,566,082, Aug. 28.

Drotning, Edgar A.: *See*—
Keklen, Ben, and Drotning.

Drouilly, Eugene J., Paris, France, vested in the Attorney General of the United States. Fuel mixture for internal-combustion engines. 2,559,605, July 10.

Drout, William M., Jr., Linden, and J. W. Dowling, Union, N. J., assignors to Standard Oil Development Company. Purification of aliphatic alcohols by extractive distillation. 2,552,412, May 8.

Drow, Donald F., Los Angeles, Calif., assignor, by mesne assignments, to Minneapolis-Honeywell Regulator Company. Safety control system for heat appliances. 2,576,675, Nov. 27.

Droz, Marcel E., Chappaqua, N. Y., assignor to the United States of America as represented by the Secretary of the Navy. Equation solver. 2,558,425, June 26.
Druck, Maurice, Long Beach, N. Y. Curtain. 2,548,879, Apr. 17.
Druck, Maurice, Long Beach, N. Y. Window curtain. 2,555,847, June 5.
Druetta, Miguel, Buenos Aires, Argentina. Baling machine. 2,552,888, May 15.
Druey, Jean, Riehen, Switzerland, assignor to Ciba Pharmaceutical Products, Inc., Summit, N. J. Sulfanilamidopyrimidine-formaldehyde condensation products. 2,538,557, Jan. 16.
Druey, Jean, Riehen, Switzerland, assignor to Ciba Pharmaceutical Products, Inc., Summit, N. J. Sulfanilamidopyrimidine-formaldehyde condensation products. 2,538,558, Jan. 16.
Druey, Jean, Riehen, Switzerland, assignor to Ciba Pharmaceutical Products, Inc., Summit, N. J. Halogenated pyrimidyl-mercapto-acetic acids and derivatives thereof. 2,553,037, May 15.
Druge, Daniel O., Oakland, Calif. Pressure gauge and relief valve. 2,570,655, Oct. 9.
Drugmand, Lester D.: *See*—
Cox, Irvin W., and Drugmand.
Cox, Irvin W., Drugmand, and Mekelburg.
Druilhet, Ernest F., Port Huron, Mich. Motor vehicle bumper device. 2,555,436, June 5.
Drum Products Corporation, assignee: *See*—
Guimond, Charles W.
Drumb, Martin C., Detroit, Mich. Fishing pole support. 2,557,728, June 19.
Drumm, Henry H., Ferguson, Mo., assignor to Curtiss-Wright Corporation. Aircraft cable lock. 2,553,641, May 22.
Drummondville Cotton Company Limited, assignee: *See*—
Kershaw, John G.
Drury, Carroll L. H.: *See*—
Flanders, Ernest V., and Drury.
Drury, Frederick A.: *See*—
Jensen, Thormod, and Drury.
Drury, John J., Troy, Ohio. Magnetically operated motor. 2,570,531, Oct. 9.
Drury, John W., Detroit, Mich. Coin package filler. 2,549,299, Apr. 17.
Dry, Claud J., and D. C. Orcutt, Athens, Ohio. Starting device for internal-combustion engines. 2,562,085, July 24.
Dry, John P., Winters, Tex. Easy line bolt. 2,576,003, Nov. 20.
Dryden, Harry W.: *See*—
Abbot, Abraham E., and Dryden.
Dryer, Agnes H., assignee: *See*—
Curran, Sophie M.
Dryer, Henry V.: *See*—
Amundson, Roald H., and Dryer.
Dryer, Henry V., Milwaukee, Wis., assignor to McGraw Electric Company. Fuse construction. 2,551,830, May 8.
Drygulski, John, Hillside, N. J., assignor to American Can Company, New York, N. Y. Apparatus for truing out-of-round can bodies. 2,558,741, July 3.
Drying & Concentrating Company, assignee: *See*—
Hall, Joseph M., and Tucker.
Drying Systems, Inc., assignee: *See*—
Yates, Robert E., Engel, and Riesche.
Drysdale, Royston F., assignor to The Walterisation Company Limited, Croydon, England. Production of phosphate coatings on metal surfaces. 2,554,139, May 22.
Dualoc Engineering Co., assignee: *See*—
Randall, Ralph R.
Dubach, Lena E., Kansas City, Mo. Combined serving tray and reading rack. 2,556,261, June 12.
Du Batto, Nicholas J., Mastic Beach, and C. Wolf, Ronkonkoma, N. Y. Plastic fence picket. 2,545,845, Mar. 20.
Dubbs, Arthur C.: *See*—
Stevens, Donald R., and Dubbs.
Dubé, Edna L., Fall River, Mass. Bandage. 2,580,085, Dec. 25.
Dube, John B., Dallas, Tex. Calcining kiln. 2,549,787, Apr. 24.
Dube, John E., and E. Jones, St. Louis County, assignors to Alco Valve Company, University City, Mo. Three-way valve. 2,569,751, Oct. 2.
Dube, John E., Chesterfield, and G. D. Bower, assignors to Alco Valve Company, University City, Mo. Multiple response override for thermal valves. 2,579,034, Dec. 18.
Dubeau, Archie L., Rumford, R. I., assignor to Mathieson Chemical Corporation. Wool scouring. 2,552,944, May 15.
Duberstein, Samuel, Brooklyn, N. Y., assignor to American Sundries Company, Inc. Steam hood for vaporizers. 2,538,934, Jan. 23.
Dubey, Georges, and R. Schaldenbrand, La Chaux-de-Fonds, Switzerland. Split seconds flyback chronograph. 2,548,101, Apr. 10.
Dubied, Edouard & Cie., S. A., assignee: *See*—
Ifanger, Eduard.
Dubilier, William: *See*—
Rossi, Irving, and Dubilier.
Dubilier, William, New Rochelle, N. Y. Flexible track system for toy trains. 2,565,359, Aug. 21.
Dubilier, William, New Rochelle, N. Y. Hearing aid. 2,566,761, Sept. 4.
Dubilier, William, New Rochelle, N. Y. Playing card container. 2,577,007, Dec. 4.
Dubin, Lester, Brooklyn, assignor to International Standard Electric Corporation, New York, N. Y. Pulse widener and marker separator. 2,559,606, July 10.
Dubin, Sol, assignor to Dusarge Design Corp., New York, N. Y. Centrifugal casting machine. 2,542,757, Feb. 20.
Du Boff, Philip L., New York, N. Y. Collapsible cabinet. 2,552,158, May 8.
Du Bois, Adrien S., Jersey City, N. J., and E. I. Valko, New York, N. Y., assignors to Onyx Oil & Chemical Company, Jersey City, N. J. Organic heterocyclic quaternary ammonium compounds. 2,542,642, Feb. 20.
Dubois, Ernest, La Chaux de Fonds, Switzerland. Compensating hairspring. 2,568,326, Sept. 18.
Du Bois, George B.: *See*—
Davis, Charles S., Jr., Du Bois, and Baker.
Du Bois, George B., Radburn, N. J., assignor to Wright Aeronautical Corporation. Multispeed transmission. 2,552,000, May 8.
Dubois, Henri, Levallois, France, assignor, by mesne assignments, to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Fishing rod. 2,571,692, Oct. 16.
Du Bois, Hilyer A., Hempstead, assignor of one-half to E. J. Venaglia, East Hempstead, N. Y. Audio automatic volume control system. 2,547,903, Apr. 3.
Du Bois, John H., Scotch Plains, N. J., and F. A. Claessens, West Springfield, Mass., assignors to Shaw Insulator Company, Irvington, N. J. Double-acting mold press. 2,555,476, June 5.
Dubois, León J.: *See*—
Caquot, Albert I., and Dubois.
Du Bois, Virgil L., Tulsa, Okla. Rotary table. 2,574,914, Nov. 13.
Du Bois, William H., assignor to Bendix Aviation Corporation, South Bend, Ind. Automatically adjusting brake. 2,551,251, May 1.
Du Bois, William H., assignor to Bendix Aviation Corporation, South Bend, Ind. Automatic adjustment for disk brakes. 2,551,252, May 1.
Du Bois, William H., assignor to Bendix Aviation Corporation, South Bend, Ind. Automatically adjusting brake. 2,551,253, May 1.
Du Bois, William R., Indianapolis, Ind., assignor to Radio Corporation of America. Safety latch and switch. 2,547,076, Apr. 3.
Du Bose, George P., assignee: *See*—
Lea, Henry V.
Dubreuil, Joseph A. N., Pawtucket, R. I. Fluid control for motor vehicles. 2,562,704, July 31.
Du Brow, Paul: *See*—
Harwood, James, and Du Brow.
Duby, Clarence J., Youngstown, assignor to Republic Steel Corporation, Cleveland, Ohio. Flow brightening electrodeposited tin on tinplate. 2,576,902, Nov. 27.
Ducanis, Paul, Miami, Fla. Worm gearing. 2,536,920, Jan. 2.
Duccini, Gaetano, and P. R. Caredio, San Francisco, Calif. Metallizing spray gun. 2,544,259, Mar. 6.
Ducey, Francis E., Phoenix, Ariz. Infant's chair. Re. 23,339, Feb. 13.
Ducey, John J.: *See*—
Cadman, Harry H., and Ducey.
Duchaine, Joseph P., assignee: *See*—
Duval, Eugene J.
Duchêne, Roger, assignor to Gaz de France, Ex Compagnie du Gaz de Paris, Paris, France. Method and apparatus for heating by the laminar combustion of gas in the interior of dull radiation tubes. 2,578,520, Dec. 11.
Duchesneau, Alfred F., Ville Lasalle, Quebec, Canada. Slush trap. 2,539,820, Jan. 30.
Duchesneau, Herve R., Hartford, Conn. Electrically driven pencil sharpener. 2,561,438, July 24.
Duchscherer, James L., and J. J. Schmalz, Fillmore, N. Dak. Pulling device. 2,538,301, Jan. 16.
Duckett, Gerald C., North Harrow, and A. H. Willoughby, Garston, Watford, assignors to General Electric Company, Limited, London, England. Circuit for operating electric discharge lamps. 2,570,780, Oct. 9.
Duckitt, Harry: *See*—
Stevens, Sydney A., and Duckitt.
Ducklo, Robert L., assignor to The Louis G. Freeman Company, Cincinnati, Ohio. Machine for decorating parts. 2,543,546, Feb. 27.
Dudderar, Derother H.: *See*—
Schneider, Paul L., and Dudderar.
Duddy, Joseph C., Philadelphia, Pa., assignor to The Electric Storage Battery Company. Microporous diaphragms and making the same. 2,564,397, Aug. 14.
Duddy, Joseph C., Philadelphia, Pa., assignor to The Electric Storage Battery Company. Storage battery construction. 2,572,324, Oct. 23.
Dudek, Harold M., Altadena, Calif. Injection valve assembly. 2,556,171, June 12.
Dudley, Frank E., Cynwyd, Pa. Machine tool control. 2,539,123, Jan. 23.
Dudley, Frank E., Philadelphia, Pa. Indoor television antenna mounting. 2,572,603, Oct. 23.

Dudley, Frank E., Philadelphia, Pa., and R. A. Dudley, North Kenova, Ohio. Television antenna bracket. 2,543,900, Mar. 6.

Dudley, James R.: *See*—
Oldham, Wilbur N., and Dudley.

Dudley, James R., Cos Cob, Conn., assignor to American Cyanamid Company, New York, N. Y. Preparing unsaturated triazine esters. 2,537,816, Jan. 9.

Dudley, James R., Darien, Conn., assignor to American Cyanamid Company, New York, N. Y. Diethylenetrimelamine and preparing the same. 2,544,071, Mar. 6.

Dudley, John S., Douglas, and C. D. Brandt, Whitinsville, Mass. Detaching motion. 2,536,754, Jan. 2.

Dudley, John S., Douglas, and C. D. Brandt, assignors to Whitin Machine Works, Whitinsville, Mass. Comber. 2,572,122, Oct. 23

Dudley, Leslie P. C. J., Twickenham, England. Stereoscopic photography and kinematography. 2,568,327, Sept. 18.

Dudley, Leslie P. C. J., Twickenham, England. Mounting for cameras. 2,572,994, Oct. 30.

Dudley, Oral C.: *See*—
Smith, Opal, and Dudley.

Dudley, Oscar E., United States Navy. Underwater sound system. 2,578,678, Dec. 18.

Dudley, Richard H., Cranford, N. J., assignor to Standard Oil Development Company. Polymer curing process. 2,557,641, June 19.

Dudley, Richard H., Cranford, N. J., assignor to Standard Oil Development Company. Synthetic rubber compound. 2,557,642, June 19.

Dudley, Roy A.: *See*—
Dudley, Frank E. and R. A.

Duduit, Eric A., Portsmouth, Ohio. Stadia target. 2,563,400, Aug. 7.

Duefrene, George, Stepney, Conn. Separable fastener. 2,548,004, Apr. 10.

Duell, Edith B., Pittsburgh, and A. Breau, Philadelphia, Pa.; said Breau assignor to said Duell. Dispensing container. 2,559,287, July 3.

Duemler, Oliver E.: *See*—
Roach, Franklin E., and Duemler.

Duer, Frederick L., Bellwood, Ill. Tubular supporting base. 2,562,022, July 24.

Duerdoth, Winston T.: *See*—
Cooper, William H. B., and Duerdoth.

Dueringer, Walter E., Shaker Heights, Ohio, assignor to Bailey Meter Company. Humidity regulating system. 2,541,219, Feb. 13.

Dueringer, Walter E., Shaker Heights, Ohio, assignor to Bailey Meter Company. Printing totalizer for stylus recording meters. 2,544,919, Mar. 13.

Duerksen, Arnold: *See*—
Fannen, John, and Duerksen.

Duerr, Carl F., Jr., Gates Mills, assignor, by mesne assignments, of thirty one-hundredths to R. R. Roemer, thirty-five one-hundredths to L. E. Roemer, twenty-five one-hundredths to W. R. Kiefer, and ten one-hundredths to J. E. Tompkins, Cleveland, Ohio. Testing apparatus for speed responsive instruments, etc. 2,552,542, May 15.

Duerr, Carl F., Jr., Gates Mills, assignor, by mesne assignments, of 30/100 to R. R. Roemer, 35/100 to L. E. Roemer, 25/100 to W. R. Kiefer, and 10/100 to J. E. Tompkins, Cleveland, Ohio. Apparatus for testing electrically actuated indicating instruments. 2,570,781, Oct. 9.

Duerr, Herman H., Binghamton, assignor to General Aniline & Film Corporation, New York, N. Y. First developer for multilayer color film of the reversal type. 2,553,498, May 15.

Duerr, Herman H., Binghamton, assignor to General Aniline & Film Corporation, New York, N. Y. Diazotypes containing a guanide base in a gelatin layer to prevent dye diffusion. 2,545,423, Mar. 13.

Duesbury, William H., and C. Atkins, assignors to Rolls-Royce Limited, Derby, England. Making investment mold. 2,568,364, Sept. 18.

Duesel, Bernard F., Yonkers, and J. V. Scudi, New York, assignors to Nepera Chemical Co. Inc., Yonkers, N. Y. Carboxypyridine sulphonic acid compounds. 2,573,662, Oct. 30.

Duesel, Bernard F., Yonkers, and S. Gister, New York, assignors to Nepera Chemical Co. Inc., Yonkers, N. Y. Mandelic acid purification involving production of complex alkali metal salts thereof. 2,562,861, July 31.

Duey, Harold S., Fairfax, Calif. Duplex thermostatic valve. 2,575,100, Nov. 13.

Du Fault, Edmund W., Wollaston, Mass. Wallet protector. 2,574,023, Nov. 6.

Dufault, Homer D., Easthampton, assignor, by mesne assignments, to Heatbath Appliances, Inc., Springfield, Mass. Combined air and water-heating apparatus. 2,562,023, July 24.

Dufay-Chromex Limited, assignee: *See*—
Murray, Gilbert.
White, Desmond D., and Osborn.
White, Desmond D., Osborn, and Reich.

Duff, Nehman R., and H. H. Hutchison, Blue Island, Ill. Collapsible heater support for railroad car bunkers. 2,558,173, June 26.

Duff, Walter J., Ilford, England. Combustion tube fluid fuel burner. 2,546,731, Mar. 27.

Duffendack, John C., Jr., and W. W. Tjossem, assignors to Lockheed Aircraft Corporation, Burbank, Calif. Engine cowling. 2,550,337, Apr. 24.

Duffie, James A., Chicago, Ill., and A. J. Doyle, assignors to The Youngstown Steel Door Company, Cleveland, Ohio. Railway hatch cover and locking the same. 2,547,859, Apr. 3.

Duffield, William A., Windsor, Ontario, Canada. Rotary turbine type fluid coupling. 2,536,842, Jan. 2.

Duffin, George F.: *See*—
Kendall, John D., and Duffin.

Duffin, George F., and J. D. Kendall, assignors to Ilford Limited, Ilford, England. Metal derivatives of dyestuffs. 2,556,526, June 12.

Duffin, George F., and J. D. Kendall, assignors to Ilford Limited, Ilford, England. Dyestuff ethers. 2,556,527, June 12.

Duffin, Richard J., Washington, D. C., assignor to the United States of America as represented by the Secretary of War. Path charting apparatus. 2,546,888, Mar. 27.

Duffy, Edward W.: *See*—
Dailey, Manvel C., and Duffy.

Duffy, Emmet J., Oak Park, assignor to Hazeltine Research, Inc., Chicago, Ill. Generator. 2,574,253, Nov. 6.

Duffy, George E., Sr.: *See*—
Willing, Joseph E., and Duffy.

Duffy, Matthew J., assignor to Handi-Premature Carrier Company, Chicago, Ill. Incubator. 2,539,900, Jan. 30.

Duffy, Robert J., Philadelphia, Pa. Angularly adjustable vise. 2,564,566, Aug. 14.

Dufilho, Leon G., Shreveport, La. Nitriding. 2,565,360, Aug. 21.

Duford, Robert J., Painesville, Ohio. Fireplace fuel elevator. 2,553,962, May 22.

Dufour, Achille P., Paris, France. Devices for obtaining composite photographs and motion pictures. 2,553,903, May 22.

Du Four, Arthur W., assignor, by mesne assignments, to Gray Company, Inc., Minneapolis, Minn. Nondrip fluid-pressure-opened discharge nozzle valve. 2,557,785, June 19.

Dufour, Leon, Geneva, Switzerland. Tractor for agricultural or road work. 2,577,237, Dec. 4.

Dufrenoy, Jean: *See*—
Baracket, Albert J.
Goyan, Frank M., and Dufrenoy.
Hoagland, Kenneth A., and Pohle.
Pohle, Eric.
Pohle, Eric, and Scott.

Dugan, Catherine M., Detroit, Mich. Hair-drying hood. 2,569,600, Oct. 2.

Dugan, Hugh G., Hinsdale, Ill. Temperature-operated signal. 2,553,814, May 22.

Dugan, Vincent C., Buffalo, N. Y. Feeding apparatus. 2,563,321, Aug. 7.

Dugas, Joseph J., Lacombe, assignor to Higgins Industries, Inc., New Orleans, La. Dual control for marine motors. 2,552,001, May 8.

Dugas, Joseph J., New Orleans, La., assignor to Higgins Industries, Inc. Securing clip for wall panels. 2,577,881, Dec. 11.

Duggan, Joseph J., Wollaston, assignor of one-third to D. S. Blank, and one-third to D. J. Banks, Quincy, Mass. Machine for skinning fish fillets. 2,568,489, Sept. 18.

Duggan, Sam H., Chattanooga, Tenn. Lapping tool. 2,536,043, Jan. 2.

Duggan, William H., Chicago, Ill. Pouring closure attachment. 2,536,160, Jan. 2.

Duginski, Philip J., Pittsfield, Mass. Restaurant counter rack. 2,541,467, Feb. 13.

Dugle, Thomas E.: *See*—
Binns, Jack N., Dugle, and Alt.

Duhamel, Chas., and Son, assignee: *See*—
Duhamel, Wilford J.

Duhamel, Wilford J., Oakland, assignor to Chas. Duhamel and Son, San Francisco, Calif. Fish baiter. 2,565,956, Aug. 28.

Duhmert, Genhard, Carmel, N. J. Feeding trough for fowl. 2,539,299, Jan. 23.

Duim, Albert R.: *See*—
James, Evan L., Duim, and Wallace.

Du Kane Corporation, assignee: *See*—
Tyler, Merle D., and Larson.

Dukas, James K., Kingston, Pa. Automatic water feeding device. 2,556,801, June 12.

Duke, Harry A., Waterloo, Iowa. Valve assembly. 2,536,921, Jan. 2.

Duke, Harvie J., Basking Ridge, N. J. Spool holder. 2,574,862, Nov. 13.

Duke, James B., Medulla, Fla., assignor to Minerals Separation North American Corporation, New York, N. Y. Froth flotation of ferruginous impurities from finely divided granite rock. 2,578,790, Dec. 18.

Duke, Lewis J.: *See*—
Reiley, Earle W., Jr., and Duke.

Duke, Marshall: *See*—
Seymour George W., and Duke.
Seymour, George W., Fortess, and Duke.

Duke, Marshall, Summit, N. J., J. Rio, Cumberland, Md., and C. Hohing, Jr., Morristown, N. J., assignors to Celanese Corporation of America, New York, N. Y. Preparation of lubricating compositions. 2,563,013, Aug. 7.
Duke, Marshall, and C. Hohing, Jr., Morristown, N. J., and B. L. Shaffer, Cumberland, Md., assignors to Celanese Corporation of America, New York, N. Y. Fiber lubricant composition. 2,575,382, Nov. 20.
Duke, Vernon J., Rockville Centre, N. Y., assignor to Radio Corporation of America. Television signal mixing circuit. 2,568,541, Sept. 18.
Duke, Vernon J., Rockville Centre, N. Y., and A. L. Hammerschmidt, Berea, Ohio, assignors to Radio Corporation of America. Direct-current restoring apparatus. 2,569,297, Sept. 25.
Duke, Vernon J., Rockville Centre, N. Y., assignor to Radio Corporation of America. High-voltage power supply regulation. 2,577,112, Dec. 4.
Dukes, Herbert P.: *See*—
Coons, Omer B., and Dukes.
Dukett, Herbert A.: *See*—
Bibby, Alfred T., and Dukett.
Dulait, Jean, Brussels, Belgium. Two-stage rotary pulverizer. 2,573,129, Oct. 30.
Dulak, John T.: *See*—
Pawelsky, Vernon R., McCarty, Biermann, and Dulak.
Dulaney, Eugene L., assignor to Merck & Co., Inc., Rahway, N. J. Production of streptomycin with a new actinomyces griseus mutant. 2,545,572, Mar. 20.
Dulaney, Eugene L., assignor to Merck & Co., Inc., Rahway, N. J. Production of streptomycin. 2,571,693, Oct. 16.
Dulaney, William B.: *See*—
Watcher, Albert K., and Dulaney.
Dulken, Charles F., Montclair, A. M. Stern, Caldwell, G. Westwater, Irvington, and P. A. Reuter, Union, N. J., said Stern, said Westwater, and said Reuter assignors to said Dulken. Yarn conditioning device. 2,543,098, Feb. 27.
Dulken, Charles F., Montclair, H. C. Sonntag, Newark, and G. Westwater, Irvington, N. J., said Sonntag and said Westwater assignors to said Dulken. Applicator for yarn conditioning liquids. 2,553,815, May 22.
Dulmage, Frederick E., Saginaw, assignor to The Dow Chemical Company, Midland, Mich. Making a shaped thermoplastic cellular product. 2,537,977, Jan. 16.
Dulrae Limited, assignee: *See*—
Musgrave, Joseph L.
Duluk, Stanley: *See*—
Mackie, Harry A., and Duluk.
Du Mais, Leo J., Chicago, and J. T. Heck, Elmhrust, assignors to Da-Lite Screen Co., Inc., Chicago, Ill. Portable projection screen. 2,546,299, Mar. 27.
Duman, Louis R., assignee: *See*—
Epstein, Hirsch.
Dumas, Edward C., assignee: *See*—
Pringle, Edward R.
Dumas, Roger: *See*—
Berthier, André, Dumas, and Marx.
Dumble, William H., Bakersfield, Calif. Rotary jar. 2,550,142, Apr. 24.
Dumble, William H., Bakersfield, Calif. Jar shoulder knuckle joint. 2,568,060, Sept. 18.
Dummer, Robert J.: *See*—
Dyer, Philip A., and Dummer.
Du Mont, Allen B., Laboratories, Inc., assignee: *See*—
Amos, Bernard.
Cavanagh, Patrick E.
De Leon, John.
Glasford, Glenn M., and Usher.
Koch, Stanley J., and Rutherford.
Lempert, Irving E.
Loewi, Mortimer W., Furman, and Mueller.
Mensch, Harvey P.
Mulligan, James R., Jr., and Talamini.
Olson, Alton L.
Palmer, Richard C.
Pohle, Eric.
Rutherford, Robert E.
Smith, Harry R.
Ware, Paul.
Dumont, Charles L., Long Beach, Calif. Dispensing container with ratchet type follower and spring biased closure. 2,557,952, June 26.
Dumont, Pierre: *See*—
Bidaud, Auguste F., and Dumont.
Dumore Company, The, assignee: *See*—
Hansen, Edward R.
Servis, Hoyt.
Dumoulin, Louis J.: *See*—
Peyrot, Pierre P., and Dumoulin.
Dunagan, Joseph B., Olney, Tex. Support for mailboxes or the like. 2,550,338, Apr. 24.
Dunasky, Joseph E., Cleveland, Ohio. Storage pile material handling apparatus. 2,568,434, Sept. 18.
Dunaway, James H., and P. B. Powell, Houston, Tex., assignors, by mesne assignments, to Standard Oil Development Company, Elizabeth, N. J. Azimuth measuring device. 2,575,166, Nov. 13.
Dunaway, Paul S.: *See*—
Liebhart, Dorsey M., and Dunaway.
Dunaway, Thomas J., Yucaipa, Calif. Metering device. 2,578,994, Dec. 18.
Dunbar, Allen S.: *See*—
Bohnert, John I., and Dunbar.
Dunbar, Allen S., Watertown, Mass., assignor, by mesne assignments, to the United States of America as represented by the Secretary of War. Antenna. 2,572,995, Oct. 30.
Dunbar, Frank, and A. Barbetta, Syracuse, N. Y. Foldable golf bag stand. 2,559,951, July 10.
Dunbar, James R., Vancouver, British Columbia, Canada. Rotary disk wood chipper. 2,566,721, Sept. 4.
Dunbar, James R., P. Bloedel, and H. A. Simons, assignors to Bloedel, Stewart & Welch Ltd., Vancouver, British Columbia, Canada. High-pressure gland. 2,540,077, Feb. 6.
Dunbar, James Y., and D. L. Herr, U. S. Navy. Vibration recorder. 2,540,105, Feb. 6.
Dunbar, James Y., and D. L. Herr, United States Navy. Multitube mosaic reso-jet motor. 2,573,697, Nov. 6.
Dunbar Kapple Inc., assignee: *See*—
Hill, Stanley E., and Zink.
Dunbar, Karl E., Los Angeles, Calif. Hobbyhorse. 2,552,002, May 8.
Dunbrook, Raymond F.: *See*—
Street, John N., and Dunbrook.
Duncan, Angus W., assignor of one-half to The Mining Engineering Company Limited, Worcester, England. Roller for belt conveyers. 2,557,418, June 19.
Duncan Electric Manufacturing Company, assignee: *See*—
Burkhart, George N., Jr.
Coleman, Orville K., and Road.
Everett, James W.
Paine, Louis A.
Road, Richard A., and Bonnet.
Duncan, Forest M., New York, N. Y. Key container combined with a flashlight. 2,547,816, Apr. 3.
Duncan, Frank L.: *See*—
Slinkard, William C., and Duncan.
Duncan, Gordon W.: *See*—
Morway, Arnold J., Leland, and Duncan.
Zimmer, John C., Duncan, and Paxton.
Duncan, Gordon W., Westfield, N. J., assignor to Standard Oil Development Company. Operating internal-combustion engines and fuel therefor. 2,574,321, Nov. 6.
Duncan, Harold W., Akron, Ohio. Name sign and bracket for mail boxes and the like. 2,573,413, Oct. 30.
Duncan, Hershel B., assignor to Carboloy Company, Inc., Detroit, Mich. Heading die and making it. 2,544,302, Mar. 6.
Duncan, Hershel B., Detroit, Mich., assignor to General Electric Company. Grinding machine. 2,566,059, Aug. 28.
Duncan, James D., assignee: *See*—
Strickland, Allard D.
Duncan, James D., Loris, S. C. Oil burner. 2,547,842, Apr. 3.
Duncan, James E.: *See*—
Smith, John J., Duncan, and Truby.
Duncan, James E., Brackenridge, assignor to Pittsburgh Plate Glass Co., County of Allegheny, Pa. Tarnish resistant ophthalmic glass. 2,542,489, Feb. 20.
Duncan, James E., Brackenridge, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Ultraviolet transmitting glass. 2,561,325, July 24.
Duncan, James F., Waterbury, Conn. Flushing device. 2,548,658, Apr. 10.
Duncan, James J., Flint, Mich. Flashlight, fuse, and circuit tester. 2,550,233, Apr. 24.
Duncan, James J., Flint, Mich. Combination flashlight and circuit tester. 2,550,234, Apr. 24.
Duncan, John O., Fresno, Calif. Trailer hitch. 2,542,643, Feb. 20.
Duncan, Morris C., Russellville, Ky. Paper roll holder. 2,554,175, May 22.
Duncan Parking Meter Corporation, assignee: *See*—
Tichenor, Ralph S.
Duncan, Robert K., Mount Ephraim, N. J., assignor to Radio Corporation of America. Ribbon support for high fidelity electro-acoustical sound transducers. 2,552,311, May 8.
Duncan, Theodore R., North Hollywood, Calif. Releasing music comb vibrators from their plucking elements. 2,562,896, Aug. 7.
Duncan, Thomas P., Jr., Newport News, Va. Fire escape. 2,550,235, Apr. 24.
Duncan, Thomas P., Jr., Newport News, Va. Pound fishing system. 2,575,050, Nov. 13.
Dunford, Ernest, assignor to Landis Machine Company, St. Louis, Mo. Shoe press last structure. 2,560,533, July 17.
Dungler, Julien, Basel, Switzerland. Tentering or like machine for drying cloth or other material. Re. 23,384, July 3.
Dungler, Julien, Basel, Switzerland. Machine for treating fabrics at full width in liquid baths. 2,545,075, Mar. 13.
Dungler, Julien, Basel, Switzerland. Drum drying machine. 2,559,412, July 3.
Dungler, Julien, Basel, Switzerland. Blowing nozzles for drying or other machines. 2,559,413, July 3.
Dungler, Julien, Basel, Switzerland. Dye padder having vertically or horizontally disposed squeeze rolls. 2,576,927, Dec. 4.

Dunham, C. A., Company, assignee: *See*—
Powell, Ellis G., Johnson, and Olson.
Dunham, Edward W., and W. A. Wiegert, Floral Park, N. Y. Mounting wall and ceiling paneling. 2,568,490, Sept. 18.
Dunham, Elmer J., Battle Creek, assignor to Clark Equipment Company, Buchanan, Mich. Lift truck frame selectively mounting either a gas engine or an electric motor for powering the drive wheels thereof. 2,543,690, Feb. 27.
Dunham, Elmer J., Battle Creek, assignor to Clark Equipment Company, Buchanan, Mich. Multiple forward and reverse speeds transmission. 2,549,896, Apr. 24.
Dunham, George W., Westport, Conn., assignor to General Electric Company. Washing machine. 2,561,186, July 17.
Dunham, George W., Westport, Conn. Automatic timer for washing machines and the like. 2,561,348, July 24.
Dunham, George W., Westport, Conn., assignor to Savage Arms Corporation, Utica, N. Y. Washing machine of the spin dry type. 2,579,309, Dec. 18.
Dunham, George W., Westport, Conn., assignor to Savage Arms Corporation, Utica, N. Y. Washing machine. 2,579,310, Dec. 18.
Dunham, John M.: *See*—
Hanson, William J., and Dunham.
Dunham, Rex T., South Sioux City, Nebr. Pressure release device for cream cans. 2,555,477, June 5.
Dunkelberger, Milton S., Dayton, Ohio. Magnetic retriever. 2,544,449, Mar. 6.
Dunkelberger, Milton S., Dayton, Ohio. Tubular supporting member. 2,567,926, Sept. 18.
Dunkelberger, Milton S., assignor to The American Display Company, Dayton, Ohio. Trouble light with tripod-forming support. 2,570,329, Oct. 9.
Dunker, Martha, Corona, N. Y. Sole to permit circulation of air in rubber footwear. 2,552,711, May 15.
Dunkerly, Thomas R., Clairton, Pa. Roll compression assembly. 2,563,224, Aug. 7.
Dunklee, Donovan M.: *See*—
Eaton, Jack B., and Dunklee.
Dunlap, Austin M., Olanta, Pa. Motorcycle seat support. 2,568,796, Sept. 25.
Dunlap, Charles K., Hartsville, S. C., assignor to Sonoco Products Company. Textile cone. 2,569,094, Sept. 25.
Dunlap, Charles M., Mansfield, Ohio, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Laundry apparatus. 2,562,533, July 31.
Dunlap, Harper E., Walled Lake, Mich. Double-action door holder. 2,569,806, Oct. 2.
Dunlap, Henry L.: *See*—
Schueder, George, Dunlap, and Gavagan.
Dunlap, John G., Staten Island, N. Y., assignor to Standard Oil Development Company. Recovery and purification of naphthenic acids. 2,537,576, Jan. 9.
Dunlap, Kermit S., and C. A. Lovell, Summit, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signaling or dialing system. 2,556,172, June 12.
Dunlap, Kermit S., Summit, N. J., and H. N. Seckler, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. High-speed stepping distributor and counting circuit. 2,563,824, Aug. 14.
Dunlap, Lawrence E., Carrollton, Ohio. Pipe gripping tool. 2,569,978, Oct. 2.
Dunlap, Lawrence H., Lancaster Township, Lancaster County, and C. F. Sievert, assignors to Armstrong Cork Company, Lancaster, Pa. Fractionation of tall oil. 2,565,484, Aug. 28.
Dunlap, Orrin E., Jr., Great Neck, N. Y., assignor to Radio Corporation of America. Submarine antenna structure. 2,560,218, July 10.
Dunlap, Thomas W., Pittsburgh, Pa. Abrasive insert for rubber tires. 2,572,996, Oct. 30.
Dunlee Corporation, assignee: *See*—
Atlee, Zed J.
Dunlop, Andrew P., Riverside, assignor to The Quaker Oats Company, Chicago, Ill. Production of furfural. 2,536,732, Jan. 2.
Dunlop, Andrew P., Riverside, and P. R. Stout, assignors to The Quaker Oats Company, Chicago, Ill. Hydrogenated furfuryl alcohol partial polymers. 2,564,835, Aug. 21.
Dunlop, Andrew P., Riverside, and P. R. Stout, Chicago, Ill., assignors to The Quaker Oats Company. Polymerizing furfuryl alcohol. 2,570,027, Oct. 2.
Dunlop, Andrew P., Riverside, and P. R. Stout, Chicago, Ill., assignors to The Quaker Oats Company. Ammonium thiocyanate-partially resinified furfuryl alcohol resins. 2,570,028, Oct. 2.
Dunlop, Richard D., Dickinson, Tex., assignor to Monsanto Chemical Company, St. Louis, Mo. Gelatinization of cellulose acetate. 2,576,910, Dec. 4.
Dunlop Rubber Company Limited, assignee: *See*—
Butler, Henry J.
Chatterton, Perce B.
Davies, Thomas E.
Moreillon, Albert E.
Seddon, Robert M.
Trevaskis, Henry.
Trevaskis, Henry W.
Dunlop Tire and Rubber Corporation, assignee: *See*—
Blewitt, Ronald H.
Church, Franklin O.
Gestwick, John B.
Lord, Wilfrid.
Dunmire, William L., Florence, Ala. Fishing lure. 2,557,599, June 19.
Dunn, Arthur L.: *See*—
McIntyre, Archibald R., and Dunn.
Dunn, Benjamin, West Hartford, Conn. Sheet feeding machine. 2,543,836, Mar. 6.
Dunn, Clarence L.: *See*—
Maycock, Russel L., and Dunn.
Dunn, Earl C., G. L. Lowman, and H. B. Lockhart, Corpus Christi, Tex. Communication system for drive-in establishments. 2,549,676, Apr. 17.
Dunn, Edward J.: *See*—
Cornwell, Ralph T. K., Dunn, and Hunter.
Dunn, Henry, Detroit, Mich. Level-wind mechanism. 2,544,143, Mar. 6.
Dunn, Henry M., and D. Oles, assignors to Choldun Manufacturing Corporation, New Haven, Conn. Oil changer. 2,536,492, Jan. 2.
Dunn, Holbert E., Crafton, A. D. Wallace, Mount Lebanon, and B. Mayer, Crafton, Pa., assignors to Vanadium Corporation of America, New York, N. Y. Precipitating hydrous vanadium pentoxide. 2,551,733, May 8.
Dunn, Holbert E., Crafton, and W. T. Bradley, Carnegie, Pa., assignors to Vanadium Corporation of America, New York, N. Y. Preparation of pure metallic carbides. 2,553,444, May 15.
Dunn, Holbert E., Crafton, and W. T. Bradley, Carnegie, Pa., assignors to Vanadium Corporation of America, New York, N. Y. Concentrating carnotite ores. 2,562,024, July 24.
Dunn, James P., Springfield, assignor to Gilbert & Barker Manufacturing Company, West Springfield, Mass. Bubble cap assembly. 2,578,881, Dec. 18.
Dunn, John C., Providence, R. I. Closure for the end of a tubular body. 2,537,184, Jan. 9.
Dunn, John R., South Groveland, Mass., assignor to Western Electric Company, Incorporated, New York, N. Y. Production indicating means. 2,548,657, Apr. 10.
Dunn, John W., Alhambra, Calif., assignor to Guarantee Specialty Manufacturing Company, Cleveland, Ohio. Drive-in connector for Venetian blinds. 2,554,326, May 22.
Dunn, Joseph A., assignee: *See*—
Jetter, Harry.
Dunn, Joseph F., New York, N. Y. Time-controlled temperature-responsive oven control. 2,545,846, Mar. 20.
Dunn, Karl L., Corning, N. Y. Hot work garment. 2,573,414, Oct. 30.
Dunn, Percy W., assignee: *See*—
Meredith, William G.
Dunn, Roland H.: *See*—
McWhirter, Eric M., Swift, and Dunn.
McWhirter, Eric M. S., Dunn, and Lennox.
McWhirter, Eric M. S., Dunn, Warden, Ward, Fonseca, and Collier.
Dunn, Roland H., and F. W. Warden, London, England, assignors to International Standard Electric Corporation, New York, N. Y. Telegraph transmitter. 2,553,556, May 22.
Dunn, Ruth A., Cambridge, and F. W. Kelleher, Lynn, Mass. Balloon toy. 2,565,679, Aug. 28.
Dunn, Ted E.: *See*—
Wald, Sidney, and Dunn.
Dunn, Ulysses S., Chicago, Ill. Transformer. 2,572,455, Oct. 23.
Dunn, Walter R.: *See*—
Davison, John A., and Dunn.
Dunn, William J., Lake Charles, La. Radiator flushing device. 2,537,215, Jan. 9.
Dunn, William J., Winnetka, Ill., and R. R. Richolt, Tujunga, Calif., assignors to General American Transportation Corporation, Chicago, Ill. Child's toilet seat. 2,539,660, Jan. 30.
Dunn, William M., assignor to Alvis Limited, Coventry, England. Truck. 2,578,232, Dec. 11.
Dunn, William T.: *See*—
Neracher Carl A., and Dunn.
Dunn, William T., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Torque converter. 2,548,207, Apr. 10.
Dunn, William T., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Transmission synchromesh mechanism. 2,555,961, June 5.
Dunn, William T., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Transmission control. 2,567,061, Sept. 4.
Dunn, William T., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Multiple clutch mechanism. 2,574,778, Nov. 13.
Dunne, James J., Westport, Conn., and O. S. Tuttle, New Rochelle, assignors to United States Plywood Corporation, New York, N. Y. Plywood tubing. 2,543,901, Mar. 6.
Dunne, John P.: *See*—
Kropa, Edward L., and Dunne.
Dunne, John P., assignor to Columbian Carbon Company, New York, N. Y. Modification of prolamins with glycols. 2,545,656, Mar. 20.

Dunne Rubber Company, The, assignee: *See*—
Fulton, Alfred C.
Dunneback, Joseph G., Shaker Heights, Ohio, assignor to J. & L. Steel Barrel Company, Pittsburgh, Pa. Shipping device with article supporting means. 2,546,921, Mar. 27.
Dunneback, Joseph G., Shaker Heights, Ohio, assignor to J. & L. Steel Barrel Company, Pittsburgh, Pa. Shipping receptacle with inner article fastening means. 2,546,922, Mar. 27.
Dunneback, Joseph G., Shaker Heights, Ohio, assignor to J. & L. Steel Barrel Company, Pittsburgh, Pa. Shipping container with article-supporting base. 2,546,923, Mar. 27.
Dunnihoo, J. Russell, assignee: *See*—
Sarver, Emmett F.
Dunning, Clayton L., Fairport Harbor, assignor to Diamond Alkali Company, Cleveland, Ohio. Obtaining dry chlorine gas from a gaseous mixture comprising elemental chlorine as the principal component thereof. 2,553,557, May 22.
Dunning, John W., Lakewood, assignor to The V. D. Anderson Company, Cleveland, Ohio. Oil extraction process. 2,551,254, May 1.
Dunning, John W., C. F. Frye, and E. C. Lathrop, Peoria, Ill., assignors to the United States of America as represented by the Secretary of Agriculture. Production of furfural from pentose liquors. 2,559,607, July 10.
Dunning, Luther T., Norfolk, Va. Erecting reinforced concrete structures. 2,571,549, Oct. 16.
Dunning, Robert M., assignor to Waldorf Paper Products Company, St. Paul, Minn. Opening means for regular cartons. 2,549,582, Apr. 17.
Dunning, Robert M., assignor to Waldorf Paper Products Company, St. Paul, Minn. Carton closure. 2,555,581, June 5.
Dunning, Robert M., assignor to Waldorf Paper Products Company, St. Paul, Minn. Container. 2,558,940, July 3.
Dunning, Robert M., assignor to Waldorf Paper Products Company, St. Paul, Minn. Carton and closure structure. 2,564,099, Aug. 14.
Dunningham, Ivor J.: *See*—
Vinten, Charles, and Dunningham.
Dunsford, Mortimer C., Sullivan, Mo., assignor, by mesne assignments, to Ramsey Corporation. Apparatus for heat shaping piston rings. 2,577,113, Dec. 4.
Dunski, Chaim V., Liege, and G. M. Regout, Heusy, Belgium. Method and apparatus for drying and tentering-drying with radiant heaters and automatic control means. 2,559,713, July 10.
Dunsmuir, James H.: *See*—
Campbell, Norman R., Fitzgerald, Collier, and Dunsmuir.
Dunton, Elmarion S., Woodland, Calif. Brush holder. 2,566,877, Sept. 4.
Dunton, Francis G.: *See*—
Weigham, William R., Field, and Dunton.
Duntze, John A.: *See*—
Roberts, Frederick W., and Duntze.
Dunwody, Archibald B.: *See*—
Newkirk, William B., Williams, Rietz, and Dunwody.
Du Perret, Arthur W., St. Louis County, assignor to Automatic Devices, Incorporated, St. Louis, Mo. Roller unit. 2,541,220, Feb. 13.
Duplan Corporation, The, assignee: *See*—
Cochran, John K.
Haesler, John.
Dupler, Raymond R., Toledo, Ohio. Joint for timbers or the like. 2,571,429, Oct. 16.
Duplessis, René E., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Gun turret. 2,559,714, July 10.
Duplessis, René E., Beverly, and E. Quinn, Saugus, Mass., assignors to United Shoe Machinery Corporation, Flemington, N. J. Machine for treating prewelt uppers. 2,571,123, Oct. 16.
Du Pont, E. I., de Nemours & Company, assignee: *See*—
Adelman, Robert L.
Anderson, Arthur W., and Overbaugh.
Arnold, Harold W.
Arnold, Herrick R., and Carnahan.
Arthur, Paul, Jr.
Arthur, Paul, Jr., and Pratt.
Auspos, Lawrence A. A., and Dempster.
Baldsiefen, Walter D.
Baldsiefen, Walter D., Conrad, and Linkhart.
Ball, Joseph A., Jennings, and Murray.
Balthis, Joseph H., and Signaigo.
Barnhart, Robert E., and Cavanaugh.
Barrick, Paul L.
Baum, Arthur A.
Beam, Harry A.
Beatty, William R., and Short.
Bechtold, Max F., and Snyder.
Beekley, John S., and Vail.
Benning, Anthony F.
Benning, Anthony F., Park, and Krahler.
Benning, Anthony F., and Richards.
Berry, Kenneth L.
Berry, Kenneth L., and Bittles.
Bickel, Ferdinand D., Earich, and Lewis.
Bickel, Ferdinand D. W., Lewis, and Mecklenborg.
Bird, Arthur R.
Birkenhauer, Robert J.
Biswell, Charles B.
Bittles, James A., Jr., and Joyce.
Du Pont, E. I., de Nemours & Company, assignee: *See*—Continued.
Blanchard, Vernon W.
Blizzard, James R.
Boyko, John.
Bradley, Harris W.
Brooks, Richard E.
Brooks, Richard E., and Webb.
Brown, Northrop.
Brown, Robert L.
Brubaker, Merlin M.
Bruner, Walter M., and Watson.
Buchanan, Robert L.
Buck, Allen C., and Conlon.
Bullitt, Orville H., Jr.
Burrows, Lawton A., and Lawson.
Cairns, Theodore L.
Calkins, William H.
Calton, Joseph G., and O'Brien.
Caraher, William F.
Cass, Oliver W.
Castle, John E.
Cavanaugh, Robert M., and Weir.
Chapman, Aurelius F.
Chynoweth, John L., and Wintermute.
Clemens, Harold S., and Thomas.
Coffman, Donald D., and Jenner.
Conklin, Oliver E.
Copelin, Harry B.
Corner, James O.
Cox, Norman L.
Cramer, Richard D.
Craven, Robert L.
Cummings, Austin M.
Cupery, Martin E.
Davis, Clyde O., and Jennings.
Deyrup, Alden J.
Deyrup, Alden J., and Peterson.
Dittmar, Harry R., and Cadot.
Downing, Frederick B., Benning, and McHarness.
Edgar, Donald E.
Ellingboe, Ellsworth K.
Ellingboe, Ellsworth K., and Roedel.
Emmick, Robert D.
Emmick, Robert D., Hambrock, and Rogers.
Ernsberger, Maurice L., and Lipscomb.
Etzel, Gastao.
Evans, George L.
Ewing, Alvin L.
Fassnacht, Hartwell H., and Woodbury.
Fawcett, Frank S., and Howk.
Fawcett, Frank S., and Langkammerer.
Fields, Reuben T.
Firestine, John C.
Flenner, Albert L.
Forbes, Henry L., Jr., and Crim.
Funderburk, George O.
Gallinger, Clyde T.
Gallinger, Clyde T., and Huey.
Gladding, Edward K.
Goebel, Max T., and Iler.
Goebel, Max T., Langston, Loder, and Siefen.
Goertz, John R.
Graham, Boynton, and Schupp.
Graham, Donald P.
Grant, Robert H.
Green, Larry Q.
Gresham, William F.
Gresham, William F., and Brooks.
Gresham, William F., Brooks, and Bruner.
Gresham, William F., and McAlevy.
Gresham, William F., and Schweitzer.
Gresham, William F., and Webb.
Gribbins, Myers F., and Dittmar.
Grigsby, William E., and Bloom.
Ham, William C., Hitt, and Kiachif.
Hamblet, Clement H., and Chance.
Hamblet, Clement H., and McAlevy.
Hambrock, Kenneth O.
Hamilton, Jefferson M., Jr.
Handy, Carleton T., and Sauer.
Hanford, William E., and Joyce.
Hanford, William E., and Roland.
Hansley, Virgil L., and Hilts.
Haon, Harry J.
Harmon, Jesse.
Hays, Richard Y., and Nichols.
Hermann, Edward C.
Hill, Julian W.
Hochberg, Seymore.
Hodges, Frank J., and Nadler.
Hogsed, Milton J.
Holt, Donald A.
Howard, Edward G.
Howard, Edward G., Jr.
Howk, Benjamin W., and Hager.
Howk, Benjamin W., and Langkammerer.
Hunt, Madison.
Iler, Ralph K.
Iler, Ralph K., and Wolter.
Irwin, Carl F.
Izard, Emmette F.
Jelinek, Arthur G.
Jennings, Andrew B.

Du Pont, E. I., de Nemours & Company, assignee: *See*—Continued.
Jennings, Andrew B., and Murray.
Johnson, Herbert H., Jr.
Johnson, John R.
Joyce, Robert M., Jr.
Kalb, George H., and Sauer.
K'Burg, Robert T.
Kinraide, William T. R.
Kirby, James E.
Kirk, William, Jr.
Krause, Robert L.
Krchma, Ignace J., and Schaumann.
Kvalnes, Donovan E., and Croco.
Lane, Frank W.
Lane, Frank W., and Dills.
Lane, Frank W., and Stratton.
Lann, Joseph S., and Hunt.
Larchar, Arthur W.
Lee, Donald D.
Lee, Henry R., and Weinmayr.
Lehr, James C., O'Flynn, and Tompson.
Leininger, Paul M., and Farrell.
Linster, John T.
Lipscomb, Robert D.
Little, Ernest L., Jr.
Littler, Clarence A.
Llewellyn, Walter E.
Loder, Donald J.
Lyon, Donald W.
MacDonald, Robert N.
Marasco, Martin, Conrad, and Moede.
Marks, Barnard M.
Martin, Elmore L.
McBurney, Dorman, and Thomas.
McGlone, Ronald A.
McLaren, Arthur D.
McQueen, David M., and Werntz.
Mehler, Albert J.
Mighton, Charles J.
Miller, Charles F.
Miller, Fred A.
Miller, Frederick W., Jr., and Kralovec.
Millhiser, Frederick R.
Mochel, Walter E.
Moffett, Walter K., and Welz.
Mooney, Thomas J.
Morgan, Paul W.
Moses, Douglas V., and Brumbaugh.
Murray, Otis W.
Murray, William S.
Ness, Arthur B.
Old, Bruce S.
Osdal, Le Verne K.
Pace, Anderson, Jr.
Patterson, Gordon D., and Stark.
Paulshock, Marvin.
Pease, Donald C.
Pease, Donald C., and Robertson.
Pickens, John D.
Pikl, Josef.
Pinkney, Paul S.
Pitzl, Gilbert.
Polson, Allen E.
Pratt, Burt C., and Salzberg.
Prichard, William.
Prichard, William W., and Tabet.
Pyle, Cyrus.
Richards, John C.
Richards, Lawrence M.
Robbins, Gordon B.
Rodman, Ernest A.
Roedel, Milton J.
Rogers, Arthur O.
Rothrock, George M.
Rule, Joseph M.
Sanders, Paul A., and Vincent.
Sanders, Philip F.
Saner, William R.
Sauer, John C.
Schreiber, Richard S.
Schreyer, Ralph C.
Schroeder, Herman E.
Schroeder, Herman E., and Deinet.
Schroeder, Herman E., and Ringrose.
Schupp, Orion E., Jr.
Scott, Norman D.
Seney, John S.
Sharkey, William H.
Siemons, Otto.
Signaigo, Frank K.
Smith, Albert F., and Stevenson.
Smith, Francis H.
Smith, Frank E.
Sorenson, Ben E.
Stallmann, Otto.
Stallmann, Otto, and Robbins.
Stamatoff, Gelu S.
Stark, Henry M.
Stiles, Alvin B.
Stilmar, Frederic B.
Stokes, Jefferson A.
Strain, Daniel E.
Sturgis, Bernard M., and Baum.
Sullivan, Roy W.
Sveda, Michael.
Tabet, Georges E.
Terry, Edward J., and McCormick.
Theobald, Clement W.
Thomas, Robert J.
Thrift, Robert J.
Tullock, Charles W.
Turnbull, Norris.
Uber, Jay J.
Upson, Robert W.
Van Etten, Howard A.
Vinal, Leroy W.
Vines, Sterling N.
Walker, Isaac F.
Walker, Joseph F., and Kokowicz.
Walker, Kenneth E.
Waltz, Joseph E.
Wayne, Winston J.
Wernlund, Christian J.
Webb, Myron Q.
Werntz, James H.
Whitman, Gerald M.
Wilson, Cyril D.
Wilson, Joseph D. C., II.
Woodward, David W.
Wright, Walter H.
Young, James H.
Zinner, Daniel.

Du Pont, Eleuthere P., deceased, Montchanin, Del.; Equitable Trust Company and J. Hemphill, executors of said E. P. du Pont. Illuminating and pouring device for bottles. 2,547,450, Apr. 3.

Dupont, Georges, Paris, and A. Guillemonat, Alger, assignors to Centre National de la Recherche Scientifique, Paris (Seine), France. Extracting organic acids and their salts from cork and products resulting from this extraction. 2,571,221, Oct. 16.

Dupont, Paul, assignor to Societe Anonyme des Manufactures des Glaces et Produits Chimiques de Saint-Gobain, Chauny & Cirey, Paris, France. Producing phosphorus oxychloride. 2,570,924, Oct. 9.

Duport, Jacques, and R. Spennrath, assignors to Durand & Huguenin A. G., Basel, Switzerland. Developing dyeings and prints produced with the tetrasulfuric acid leuco-ester of tetrahydro-1:2:2′:1′-dianthraquinoneazine. 2,553,243, May 15.

Du Pré, Frits K., Tarrytown, N. Y., assignor to Hartford National Bank & Trust Co., Hartford, Conn., as trustee. Hot gas apparatus including a regenerator. 2,564,100, Aug. 14.

Du Pree, Robert J., Waitsburg, Wash. Circuit tester. 2,545,808, Mar. 20.

Du Quette, Raoul: *See*—
Perkins, Albert G., and Du Quette.

Durakool, Inc., assignee: *See*—
Bucklen, Herbert E., III, and Weimer.
Posey, John W., and Weimer.

Durand, Eric, and L. M. Hollingsworth, Cambridge, Mass., assignors, by mesne assignments, to the United States of America as represented by the Secretary of War. Automatic frequency control system. 2,562,304, July 31.

Durand, Harry W., Glenshaw, Pa., assignor to Corn Products Refining Company, New York, N. Y. Preparation of carbohydrate polymeric materials. 2,563,014, Aug. 7.

Durand & Huguenin A. G., assignee: *See*—
Duport, Jacques, and Spennrath.
Müller, Max, and Ostertag.

Durand Metal Products Corporation, assignee: *See*—
Keating, George W., Jr.

Durant, Lyndon A., and M. J. Binks, assignors to Republic Patent Corporation, Chicago, Ill. Simulated bowling game apparatus. 2,572,456, Oct. 23.

Durant, Walter W., Old Greenwich, Conn., assignor to American Cyanamid Company, New York, N. Y. Modification of the relative concentration of ions in fluid media. 2,543,659, Feb. 27.

Durant, Walter W., Old Greenwich, Conn., and C. B. Clark, Scarsdale, assignors to American Cyanamid Company, New York, N. Y. Manufacture of salts of weak acids. 2,543,658, Feb. 27.

Durbin, Fred N., Cairo, Ill. Combined ash tray and extinguisher. 2,559,188, July 3.

Durborow, Henry J., Pitman, N. J. Medical face mask. 2,565,124, Aug. 21.

Durbrow, Robert J., Dubuque, Iowa. Plastic centering disk for phonograph records. 2,536,922, Jan. 2.

Durex Products, Incorporated, assignee: *See*—
Holtman, Edith.

Durez Plastics and Chemicals, Inc., assignee: *See*—
Sontag, Lothar A.

Durfee, Benjamin M., Binghamton, assignor to International Business Machines Corporation, New York, N. Y. Record controlled machine. 2,558,941, July 3.

Durfee, Charles G., Teaneck, N. J., and G. E. Ferguson, Spring Valley, N. Y., assignors to Pyrene Manufacturing Company, Newark, N. J. Fire extinguishing liquids and process. 2,569,979, Oct. 2.

Durham-Enders Razor Corporation, assignee: *See*—
Willhelm, Oscar.

Durham, George W., Salem, Oreg. Billfold having a locking tab. 2,555,789, June 5.

Durham, Luther, Aurora, Ill. Cleaning apparatus. 2,549,181, Apr. 17.
Durheim, Hans H., Berne, Switzerland, and S. Van Mierlo, Paris, France, assignors to International Standard Electric Corporation, New York, N. Y. Automatic train speed control system. 2,557,954, June 26.
Du Rietz, Harold: *See*—
Karrer, Friedrich W. J., and Du Rietz.
Duriron Company, Inc., The, assignee: *See*—
Jack, Delbert E., and Williamson.
Jacobsen, Oystein.
Schenck, Robert C.
Durkee-Atwood Company, assignee: *See*—
Walz, Carl F.
Durland, John R.: *See*—
Blake, Edward S., and Durland.
Durliat, Clarence J., administrator: *See*—
Puls, Lawrence J.
Durocher, Robert F.: *See*—
Stanley, William E., and Durocher.
Dur-O-Lite Pencil Company, assignee: *See*—
Merryman, Carl.
Duron, Antonio P., South Orange, N. J., assignor to Federal Telephone and Radio Corporation, New York, N. Y. Telephone ringing generator. 2,557,953, June 26.
Du Rostu, Georges L., assignor to Societe Anonyme Andre Citroen, Paris, France. Engine starter for automotive vehicles. 2,558,831, July 3.
Durr, André H. V., Paris, R. F. R. Wendling, Creil, and J. L. R. Gardedieu, Villers St. Paul, assignors to Societe Anonyme de Matieres Colorantes et Produits Chimiques Francolor, Paris, France. Printing colors. 2,550,047, Apr. 24.
Durrell, Louis F., San Antonio, Tex. Gas heater safety device. 2,574,173, Nov. 6.
Durso, Alphonse J.: *See*—
Fairfield, Otis E., and Durso.
Durst, Fowler, Los Angeles, Calif. Electrical soldering pliers. 2,577,515, Dec. 4.
Durst, Hugo A., Los Angeles, Calif. Photographic film handling and drying frame. 2,550,048, Apr. 24.
Durup, Paul H., Wollaston, Mass. Self-locking hinge. 2,571,430, Oct. 16.
Dury, John J., Montreal, Quebec, Canada. Step-by-step combination door locking mechanism. 2,536,429, Jan. 2.
Dusarge Design Corp., assignee: *See*—
Dubin, Sol.
Dusatko, Raymond, Brainard, Nebr. Fishing rod holder. 2,543,569, Feb. 27.
Duschinsky, Robert, Essex Fells, assignor to Hoffmann-La Roche Inc., Nutley, N. J. Benzhydrylurea addition compound and preparing same. 2,544,660, Mar. 13.
Duschinsky, Robert, Essex Fells, assignor to Hoffmann-La Roche Inc., Nutley, N. J. 1-benzhydryl-3-acylureas and producing same. 2,560,522, July 10.
Duschinsky, Robert, Essex Fells, assignor to Hoffmann-La Roche Inc., Nutley, N. J. 4,4-diphenyl-2,5-oxazolidinedione. 2,578,293, Dec. 11.
Dusek, Joseph F., Long Island City, and R. J. Fallert, assignors to Lawton Products Company, Inc., New York, N. Y. Space reservation system. 2,549,071, Apr. 17.
Du Shane, Wallace H., Waterloo, assignor to Deere Manufacturing Co., Dubuque, Iowa. Starting device for internal-combustion engines. 2,538,147, Jan. 16.
Du Shane, Wallace H., Waterloo, assignor to Deere Manufacturing Co., Dubuque, Iowa. Speed-responsive fuel-control means for internal-combustion engines. 2,568,912, Sept. 25.
Dusinberre, David W., Ridgewood, and F. Brychta, Caldwell, N. J., assignors to Curtiss-Wright Corporation. Hydraulic governor switch mechanism. 2,541,643, Feb. 13.
Duskey, Edmund L.: *See*—
Zimmer, Myron J., and Duskey.
Duskin, Morris L., Evanston, Ill. Identification tag. 2,540,718, Feb. 6.
Dustin, Jack G., and L. Johnson, Hadlock, Wash. Boat towing assembly. 2,570,656, Oct. 9.
Dutcher, Harris A., Bartlesville, Okla., assignor to Phillips Petroleum Company. Purifying normal 1-olefins. 2,552,669, May 15.
Dutcher, James D., and J. Bernstein, New Brunswick, N. J., and M. Dexter, Brooklyn, assignors to E. R. Squibb & Sons, New York, N. Y. Preparation of cupric d-penicilloate-G. 2,538,963, Jan. 23.
Dutelle, André, La Garenne-Colombes, assignor to Societe de Construction d'Outillage Mecanique, SCOM, Dutelle, Gervaise and Co., Aubervilliers, France. Staple forming and setting machine. 2,574,380, Nov. 6.
Dutot, Henry E., Stamford, and M. H. Bradley, Bridgeport, Conn., assignors to American Cyanamid Company, New York, N. Y. Ethers of isopropylidene di (P-phenol) as plasticizers for thermoplastic resins. 2,541,004, Feb. 6.
Dutra, John, Jr., assignor to L. Miller, Modesto, Calif. Rotary centrifugal pulverizer with intermeshing knives on rotor and stator. 2,544,072, Mar. 6.
Dutro, Orville V., La Canada, Calif., assignor to Time, Inc., New York, N. Y. Blanket clamp for blanket cylinders of printing presses. 2,578,406, Dec. 11.
Duttenhofer, John C., assignee: *See*—
Smith, Harry E.
Dutton, Byron C.: *See*—
Griffith, John B., and Dutton.
Dutton, C. H., Company, The, assignee: *See*—
Nycum, Homer C., and Baird.
Dutton, John: *See*—
McIntyre, Brouwer D., Smith, and Dutton.
Dutton, Oscar B., Erlton, N. J., assignor to Radio Corporation of America. Alternating current frequency measuring. 2,557,817, June 19.
Duval, Eugene J., assignor to J. P. Duchaine, doing business as My Bread Baking Co., New Bedford, Mass. Doughnut flipper for doughnut machines. 2,543,403, Feb. 27.
Duvall, Gordon F., deceased, late of Newton, Mass., by H. I. Duvall, administratrix, Ballston Spa, N. Y., assignor to American Time Corporation, Springfield, Mass. Timing device. 2,580,287, Dec. 25.
Duvall, Harriet I., administratrix: *See*—
Duvall, Gordon F.
Duvall, Thure C., Cloquet, assignor to Wood Conversion Company, St. Paul, Minn. Control for pneumatic packing systems. 2,544,011, Mar. 6.
Du Vigneaud, Vincent, Scarsdale, and R. W. Holley, New York, N. Y., dedicated to the People of the United States of America. Resolution of N-formyl-dl-penicillamine. 2,543,358, Feb. 27.
Düy, Robert D., Mendham, N. J. Forced circulation hot-water heating system. 2,546,358, Mar. 27.
Duzy, Edward J., Detroit, Mich., assignor to G. M. and E. Holley. Centrifugal guided speed responsive device. 2,552,036, May 8.
Dvorkin, Harry, Brooklyn, N. Y. Projecting speed indicator. 2,579,806, Dec. 25.
Dwyer, Francis D., Urbana, Ohio. Garment hanger. 2,574,963, Nov. 13.
Dwyer, Joseph P., assignor to Cluett, Peabody & Co., Inc., Troy, N. Y. Container. 2,561,504, July 24.
Dwyer, Robert J., Pasadena, assignor, by mesne assignments, to Applied Research Laboratories, Glendale, Calif. Light stabilizer and regulator system. 2,573,554, Oct. 30.
Dwyer, William L., assignor to Railway Service and Supply Corporation, Indianapolis, Ind. Journal box closure. 2,542,861, Feb. 20.
Dyar, Robert L., Milwaukee, Wis. Apparatus for coating flat disks. 2,573,835, Nov. 6.
Dybvig, Henry N., near Colton, S. Dak. Macerator for hulling pits or seeds. 2,569,156, Sept. 25.
Dye, Kenneth R., Marine City, Mich. Apparatus for cleaning automobiles with the aid of water and soft pellets. 2,536,843, Jan. 2.
Dye, Paul V., Wichita, Kans. Supplemental lifting finger for reciprocating cutters. 2,552,623, May 15.
Dye, Raymond C., Los Angeles, Calif., assignor to the United States of America as represented by the United States Atomic Energy Commission. Radio frequency voltage supply. 2,543,902, Mar. 6.
Dyer, Clarence A., Glenside, Pa., assignor, by mesne assignments, to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Temperature measuring apparatus. 2,562,538, July 31.
Dyer, Edward W., Winter Haven, Fla. Fish lure. 2,571,222, Oct. 16.
Dyer, Gustavus W., assignee: *See*—
Crocker, Ernest C.
Dyer, John N.: *See*—
Chinn, Howard A., and Dyer.
Dyer, John W.: *See*—
Short, Brooks H., and Dyer.
Dyer, Philip A., and R. J. Dummer, La Crosse, Wis. Garden hose holder. 2,544,986, Mar. 13.
Dyer, Richard F., Kingsport, Tenn., assignor to Eastman Kodak Company, Rochester, N. Y. Ribbon breaker for fluid driven yarn traverse mechanisms. 2,571,694, Oct. 16
Dyer, Richard F., and W. G. Faw, Kingsport, Tenn., assignors to Eastman Kodak Company, Rochester, N. Y. Pneumatic rapid traverse for winding textile yarns on cones and tubes. 2,548,523, Apr. 10.
Dyer, Tom L., Jr., Washington, D. C., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Lightning arrester. 2,545,993, Mar. 20.
Dyer, Tom L., Jr., Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Spark gap device. 2,565,125, Aug. 21.
Dyke, Charles L., Orange City, Iowa. Low air pressure alarm for motor vehicle tires. 2,574,863, Nov. 13.
Dyken, Charles P., Saukville, Wis. Rug rolling device. 2,573,188, Oct. 30.
Dykes, Paul D., Cambridge, assignor to The Motor Industry Research Association, Brentford, England. Piston ring. 2,566,603, Sept. 4.
Dyksma, Edward J., Harvey, Ill. Retractable wheel attachment for bicycles. 2,561,268, July 17.
Dym, Joseph B., *See*—
Coe, Harry D., Jr., and Dym.
Dynamatic Corporation, assignee: *See*—
Jaeschke, Ralph L.
Dynoflow Solder Corporation, assignee: *See*—
Crowell, Serge L., and Philippi.
Dyrdahl, Lewis, Oldham, S. Dak. Sanitary hog trough. 2,574,174, Nov. 6.
Dysart, Arthur S., assignor of one-half to M. S. Dysart, Elizabeth, N. J. Mercury switch. 2,577,653, Dec. 4.
Dysart, Mabel S., assignee: *See*—
Dysart, Arthur S.

Dyson, Eugene E., New Britain, Conn. Washing machine for Venetian blinds. 2,538,865, Jan. 23.
Dyson, Louis M., and J. G. Root, assignors to The American Hardware Corporation, New Britain, Conn. Bicycle lock. 2,544,590, Mar. 6.
Dzus, William, West Islip, N. Y. Floating fastener receptacle. 2,547,155, Apr. 3.
Dzus, William, West Islip, N. Y. Steering guide for motor vehicles. 2,553,963, May 22.
Dzus, William, West Islip, N. Y. Fastener receptacle. 2,564,101, Aug. 14.
E. A. Laboratories, Inc., assignee: *See*—
Aufiero, John M.
Hutcheson, Ray R.
E. C. D. Limited, assignee: *See*—
Williams, Ernest, Whitehead, and Mercer.
E & J Manufacturing Company, assignee: *See*—
Fox, LeRoy G.
E-Z-On Corporation, assignee: *See*—
McNulty, Joseph M., and Schiltz.
Ead, Khattar: *See*—
Stark, Henry L., and Ead.
Ead, Khattar, Brooklyn, N. Y. Detachable fan hub and blade structure. 2,568,913, Sept. 25.
Eaddy, Ernest J., Spartanburg, S. C. Bobbin carrier. 2,573,958, Nov. 6.
Eades, Charles J., Winchester, Ky. Control for vehicle signaling devices. 2,556,802, June 12.
Eads, David K., Pittsburgh, Pa., assignor to Texas Gulf Sulphur Company, New York, N. Y. Selective absorbent and manufacturing and using the same. 2,554,819, May 29.
Eagle Chemical Company, assignee: *See*—
Schlesinger, Joseph H.
Eagle Industries, Inc., assignee: *See*—
Aspenwall, Carl S.
Eagle, John H.: *See*—
Simmons, Arthur B., and Eagle.
Eagle Machinery Co., Ltd., assignee: *See*—
Mosher, Oren G.
Eagle Pencil Company, assignee: *See*—
Chesler, Isidor.
Eagle-Picher Company, The, assignee: *See*—
Chubb, Melvin F.
Eagle Rubber Co., Inc., assignee: *See*—
Morris, Harold B.
Eagles, Horace W., Erie, and C. B. Martin, Wesleyville, Pa., assignors to General Electric Company. Support for shelf or basket rail within a refrigerator. 2,548,593, Apr. 10.
Eaglesfield, R. D., Corporation, assignee: *See*—
Eaglesfield, Robert D., Curtiss, and Meggenhofen.
Eaglesfield, Robert D., A. E. Curtiss, and C. W. Meggenhofen, assignors to R. D. Eaglesfield Corporation, Indianapolis, Ind. Power steering control for garden tractors or the like. 2,547,695, Apr. 3.
Eagleson, Craig, Washington County, Oreg. Sanitizing composition. 2,558,942, July 3.
Eaker, Charles M., Affton, assignor to Monsanto Chemical Company, St. Louis, Mo. Production of monochloroacetic acid. 2,539,238, Jan. 23.
Eaker, Charles M., Affton, assignor to Monsanto Chemical Company, St. Louis, Mo. Herbicidal formulations. 2,550,049, Apr. 24.
Eaker, Charles M., Affton, and F. B. Zienty, Brentwood, assignors to Monsanto Chemical Company, St. Louis, Mo. Purification of para-caproylaminobenzenesulfonhydroxamide. 2,568,993, Sept. 25.
Eaker, Charles M., Affton, and F. B. Zienty, Brentwood, assignors to Monsanto Chemical Company, St. Louis, Mo. Purification of para-caproylaminobenzenesulfonhydroxamide. 2,568,994, Sept. 25.
Eaker, Sidney C., Longmeadow, Mass., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Dehydrating and assembling refrigeration apparatus. 2,551,426, May 1.
Eakin, Curtis W., Kennerdell, Pa. Draft control. 2,540,191, Feb. 6.
Eakin, Lourie L., Ventura, Calif. Hoist mechanism. 2,544,553, Mar. 6.
Eakin, Lourie L., Ventura, Calif. Hoisting apparatus. 2,554,140, May 22.
Eakin, Lourie L., Ventura, Calif. Vehicle hoist. 2,575,262, Nov. 13.
Eakland, Edward H., Sherman Oaks, Calif., assignor to Hat Corporation of America, Norwalk, Conn. Hat manufacture. 2,560,508, July 10.
Eames, Charles, West Los Angeles, Calif., assignor, by mesne assignments, to Herman Miller Furniture Company, Zeeland, Mich. Laminated splint. 2,548,470, Apr. 10.
Eames, Charles, West Los Angeles, Calif., assignor, by mesne assignments, to Herman Miller Furniture Company, Zeeland, Mich. Furniture construction. 2,554,490, May 29.
Eames, Orville T., Fort Worth, Tex Pallet for cake or bar soap. 2,577,114, Dec. 4.
Eames, Walter R., Warren Township, Macomb County, Mich., assignor to Eaton Manufacturing Company, Cleveland, Ohio. Key drive. 2,539,821, Jan. 30.
Eannarino, George J., Arlington, N. J., assignor to Federal Telephone and Radio Corporation, New York, N. Y. Noise suppression circuit. 2,546,987, Apr. 3.
Earhart, Kenneth A., Union, assignor to U. S. Industrial Chemicals, Inc., Newark, N. J. Flatting agent and the production thereof. 2,541,977, Feb. 20.
Earich, Robert A. G.: *See*—
Bickel, Ferdinand D., Earich, and Lewis.
Earl, Herbert E., Sr., Roselle Park, N. J. Antiskid overshoe. 2,571,020, Oct. 9.
Earl, Howard E., assignor to Eureka Williams Corporation, Bloomington, Ill. Motor compressor unit. 2,542,121, Feb. 20.
Earl, Howard E., assignor to Eureka Williams Corporation, Bloomington, Ill. Oil burner and fuel cutoff system. 2,554,491, May 29.
Earl, Howard E., assignor to Eureka Williams Corporation, Bloomington, Ill. Oil burner nozzle. 2,568,879, Sept. 25.
Earl, Howard E., assignor to Eureka Williams Corporation, Bloomington, Ill. Oil burner control circuit with small ignition transformer. 2,568,954, Sept. 25.
Earle, Clarence E., Washington, D. C., and C. A. Covington, Alexandria, Va. Coupling. 2,552,543, May 15.
Earle, Edwin L., and R. P. Arthur, Chicago, and J. I. Bellamy, Wheaton, assignors to Kellogg Switchboard and Supply Company, Chicago, Ill. Compression-connecting terminal member. 2,559,715, July 10.
Earle, Guyon L. C., Forest Hills, N. Y. Low freeze unit. 2,539,612, Jan. 30.
Earle, Guyon L. C., Forest Hills, N. Y. L-shaped refrigerator. 2,539,613, Jan. 30.
Earle, Guyon L. C., Forest Hills, assignor, by mesne assignments to Earle Kitchen Unit Corporation, New York, N. Y. Table-top member for kitchen units. 2,550,539, Apr. 24.
Earle Kitchen Unit Corporation, assignee: *See*—
Earle, Guyon L. C.
Earle, Norman E., Groveland, and T. B. Robinson, Winchester, Mass., assignors to Western Electric Company, Incorporated. Holding fixture for articles. 2,544,303, Mar. 6.
Earle, Roland D., Cohasset, and C. I. Sullivan, Saugus, assignors to Union Bay State Co., Inc., Cambridge, Mass. Latex adhesive containing phenolphthalein and using the same. 2,537,124, Jan. 9.
Earll, Frank L., Los Angeles, Calif. Valve grinder. 2,576,333, Nov. 27.
Early, Harold C.: *See*—
Dow, William G., and Early.
Early, Harold C., Brighton, Mass., assignor to the United States of America as represented by the Secretary of War. Flexible wave guide. 2,571,021, Oct. 9.
Early, Marie: *See*—
Swinehart, Carl F., and Early.
Early, William A., assignor of one-third to Kent-Coffey Manufacturing Company, Lenoir, and one-third to Drexel Furniture Company, Drexel, N. C. Dovetailing machine. 2,578,521, Dec. 11.
Earp, Charles W., London, England, assignor, by mesne assignments, to International Standard Electric Corporation, New York, N. Y. Interference reducing radio impulse receiver. Re. 23,440, Dec. 18.
Earp, Charles W., London, England, assignor to International Standard Electric Corporation, New York, N. Y. Display arrangement for electric oscillographs. 2,549,780, Apr. 24.
Earp, Charles W., London, England, assignor to International Standard Electric Corporation, New York, N. Y. Course indicator for radio direction systems. 2,553,558, May 22.
Earp, Charles W., London, England, assignor to International Standard Electric Corporation, New York, N. Y. Electrical musical instrument. 2,561,349, July 24.
Earp, Charles W., London, England, assignor to International Standard Electric Corporation, New York, N. Y. Electric frequency discriminator. 2,567,194, Sept. 11.
Earp, Charles W., and C. E. Strong, London, England, assignors to International Standard Electric Corporation, New York, N. Y. Radio navigation system. 2,565,485, Aug. 28.
Earp, Charles W., and M. F. Wintle, London, England, assignors to International Standard Electric Corporation, New York, N. Y. Electric pulse code modulation system of communication. 2,568,724, Sept. 25.
Earp, Charles W., and M. F. Wintle, London, England, assignors to International Standard Electric Corporation, New York, N. Y. Pulse code modulation system. 2,570,220, Oct. 9.
Earp, Charles W., and M. F. Wintle, London, England, assignors to International Standard Electric Corporation, New York, N. Y. Pulse code modulation system. 2,570,221, Oct. 9.
Earwicker, George A.: *See*—
Glendinning, William G., and Earwicker.
Main-Smith, John D., and Earwicker.
Eash, George H., Toledo, assignor to The Selby Shoe Company, Portsmouth, Ohio. Photoelectric area calculator. 2,578,882, Dec. 18.
Eash, John T.: *See*—
Lee, Gerald L., and Eash.
Eash, John T., Westfield, and G. L. Lee, Plainfield, N. J., assignors to The International Nickel Company, Inc., New York, N. Y. Graphitic nickel tin alloy and making same. 2,568,014, Sept. 18.

Easlick, Lloyd H., Flourtown, assignor to Pioneer Suspender Company, Philadelphia, Pa. Resilient expansible buckle mounting. Re. 23,328, Jan. 16.
Eason, Caroline G., executrix: *See*—
Eason, Sidney L.
Eason, Ira: *See*—
Willens, Paul M. and A. F., and Eason.
Eason, Sidney L., deceased, Charleston, S. C.; C. G. Eason, executrix of said S. L. Eason. Roofing or surfacing material. 2,552,159, May 8.
East Coast Aeronautics, Inc., assignee: *See*—
Miller, Roy G.
East, Frank R.: *See*—
Bain, Joseph C., and East.
East, Howard D., Glenolden, Pa. Collapsible wagon. 2,563,995, Aug. 14.
Eastern Clay Products, Inc., assignee: *See*—
Barlow, Thomas E.
Eastern Cyclone Conveyor System, Inc., The, assignee: *See*—
Boon, William.
Eastern Industries, Incorporated, assignee: *See*—
Barker, John L.
Wilcox, Harry A., and Midlock.
Eastern Malleable Iron Company, The, assignee: *See*—
Scanlan, Thomas A.
Eastern Metals Research Co., Inc., assignee: *See*—
Lermont, Basil.
Lermont, Basil, and Birdsall.
Eastern Rotorcraft Corporation, assignee: *See*—
Huber, John R.
Eastern Rubber Specialties, assignee: *See*—
Teston, Rebecca O.
Eastin, George H., Kansas City, Mo. Wheeled chair for golf clubs. 2,578,791, Dec. 18.
Eastin, William C., Palo Alto, Calif., assignor to Food Machinery and Chemical Corporation, Wilmington, Del. Magnesium oxychloride cement mix and making. 2,543,959, Mar. 6.
Eastlund, Louis, Brooklyn, N. Y. Gripping or lifting means. 2,560,936, July 17.
Eastman, David P., Chicago, Ill., and T. L. Swansen, Milwaukee, Wis., assignors to United Specialties Company, Chicago, Ill. Making turbine wheels. 2,559,013, July 3.
Eastman, Du Bois, Montebello, Calif., assignor to The Texas Company, New York, N. Y. Treatment of naphtha containing oxygenated compounds. 2,569,463, Oct. 2.
Eastman, Fred C., Marblehead, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Limit stop for aircraft gun mount training mechanisms. 2,536,358, Jan. 2.
Eastman, Fred C., Marblehead, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Apparatus for grading and charting shoe lasting wipers. 2,553,852, May 22.
Eastman, Fred L., assignor to Compco Corporation, Chicago, Ill. Address card holder for shipping containers. 2,575,913, Nov. 20.
Eastman, H. John, assignee: *See*—
Brown, Guy E.
Eastman Kodak Company, assignee: *See*—
Aklin, George H.
Allen, Charles F. H.
Allen, Charles F. H., and Byers.
Allen, Charles F. H., and Van Allan.
Askren, Lee T
Bancroft, George H.
Bartak, Anthony M.
Bean, Frederic R.
Bell, Alan, and Brannock.
Bennett, Harold F.
Bing, Herbert A., and Pribus.
Bliss, Lester E.
Bornemann, William.
Bornemann, William, and Gordon.
Bornemann, William, and Newman.
Boughton, Fred W.
Brooker, Leslie G. S.
Brooker, Leslie G. S., and Sprague.
Brooker, Leslie G. S., and White.
Bruins, Richard W., and Hunter.
Bryce, Robert S.
Burns, Paul J.
Caldwell, John R.
Capstaff, John G.
Carroll, Burt H.
Carroll, Burt H., and Spence.
Carroll, Burt H., and Sprague.
Cawley, John D., Robeson, Shantz, Weisler, and Baxter.
Chechak, Jonas J.
Clutz, Charles W.
Coover, Harry W., Jr., and Dickey.
Cortright, Robert E.
Crane, Carlton L.
Cumpston, Edward H., Jr.
Damschroder, Rudolph E., and Gates.
Davis, Harry I.
Dent, Samuel G., Jr., and Brooker.
Dickey, Joseph B.
Dickey, Joseph B., and Coover.
Dickey, Joseph B., Coover, and Shearer.
Dickey, Joseph B., and Loria.
Eastman Kodak Company, assignee: *See*—Continued.
Dickey, Joseph B., and McNally.
Dickey, Joseph B., and Towne.
Donovan, Thomas S.
Dyer, Richard F.
Dyer, Richard F., and Faw.
Eames, Walter R.
Egan, John F., and Jones.
Elle, Bruce L., and Haelen.
Ernisse, Paul J.
Evans, Ralph M.
Fallesen, George E., and Stauffer.
Fay, Howard G.
Fierke, Scheuring S.
Fontaine, Emile A.
Fowler, William F., Jr., and Kenyon.
Fox, Arthur B.
Fuerst, Carl C.
Fuerst, Carl C., and Harvey.
Fultz, Allen R.
Gardner, Harold A.
Gearhart, William M., Hill, and Broyles.
Gearhart, William M., and Meyer.
Glassey, Courtney Q.
Godowsky, Leopold, Jr.
Hagemeyer, Hugh J., Jr.
Hagemeyer, Hugh J., Jr., and Bell.
Hagemeyer, Hugh J., Jr., Oglesby, and Caldwell.
Harrison, Henry.
Harvey, Douglass C.
Harvey, Douglass C., and Marvin.
Hasche, Rudolph L.
Henn, Richard W., and Crabtree.
Herzberger, Maximilian J.
Heseltine, Donald W.
Heseltine, Donald W., and Brooker.
Hiatt, Gordon D., and Jarvis.
Hickman, Kenneth C. D.
Hickman, Kenneth C. D., and Kuipers.
Hodges, Howard T.
Hudak, Robert J.
Hughey, Carter J.
Hull, David C.
Hull, David C., and Saunders.
Hunt, Clayton E., Jr.
Hutchison, Miller R., Jr.
Isaac, Joseph, and Rissberger.
Ives, Charles E.
Kendall, William B., and Hill.
Kenyon, William O., and Cathcart.
Kenyon, William O., Laakso, and Unruh.
Kenyon, William O., and Unruh.
Kesel, Edwin H.
Kesel, Robert E., and Blattner.
Keyes, Grafton H., and Brooker.
Keyes, Grafton H., Herz, and Brooker.
Kimball, Donald B., and McDowell.
Kingslake, Rudolf, and Bennett.
Koch, George J.
Koonce, Samuel D., and Perry.
Kuipers, George A.
Lackey, James C., and Reed.
Lee, Charles M.
Lee, Charles M., and Barringer.
Lowe, Wesley G.
Lowe, Wesley G., Kenyon and Minsk.
Lyman, Donald F., and Rodgers.
Malm, Carl J., and Crane.
Marriage, Anthony.
McCarthy, George L.
McMahon, Edward M.
Meyer, Lester W. A., and Gearhart.
Mihalyi, Joseph.
Mihalyi, Joseph, Pribus, and Bing.
Morrison, Charles A.
Muehler, Lowell E.
Murray, Alexander.
Nadeau, Gale F., and Hoyt.
Nadeau, Gale F., and Starck.
Nivison, Wade S., and Wangerin.
Orser, William D.
Patterson, John L., Beach, and Feldbauer.
Perry, Edmond S.
Perry, Edmond S., and Mansing.
Pribus, Clarence W.
Pribus, Clarence W., and Kesel.
Quinn, Martin F., and Bright.
Rathbun, Kenneth C.
Reiss, Max.
Reynolds, Delbert D., and Kenyon.
Robeson, Charles D.
Rodger, Louis S., and Chapman.
Schade, Willy.
Schade, Willy, and Van Graafeiland.
Schubert, Alvin E.
Schubert, Alvin E., Hintz, and Egan.
Shantz, Edgar M., Robeson, and Kascher.
Sillick, William E.
Simmons, Arthur B.
Simmons, Arthur B., and Eagle.
Smith, Kenneth E.
Smith, Robert F., Jr.
Sprague, Robert H.
Sprague, Robert H., and Brooker.

Eastman Kodak Company, assignee: *See*—Continued.
Staehle, Henry C.
Stanin, Theodore E., and Dickey.
Stauffer, Robert E., and Smith.
Straley, James M., and Wayman.
Sun, Kuan-Han, and Huggins.
Tate, Charles D., and Gramkee.
Teeter, Robert L., and Jones.
Thirtle, John R., and Weissberger.
Thompson, Russell G.
Tolle, Karl.
Trivelli, Adrian P. H., and Smith.
Turner, John R., and Bullock.
Turner, John R., and Kingslake.
Tuttle, Clifton M., and Brown.
Tuttle, Fordyce E.
Tuttle, Fordyce E., and Bornemann.
Tyler, Arthur W., and O'Neal.
Uhle, Otto D., Dietz, and Struck.
Ulmschneider, Lawrence A., and Lewis.
Urbach, Franz.
Van Deusen, Werter P.
Van Lare, Earl, and Brooker.
Vanselow, Waldemar, and Yutzy.
Veal, Thomas G., and Waugh.
Von Bramer, Harold, Magoffin, and Clemens.
Voorhies, Carl.
Wallace, Roger W.
Wallace, Roger W., and Ernisse.
Wampole, Oliver J., Brown, and Tuttle.
Wangerin, Elmer O., and Wetherald.
Weissberger, Arnold, and Glass.
Weissberger, Arnold, Glass, and Vittum.
Weyerts, Walter J.
White, Allyn B., and Jacobs.
White, William M.
Wiitala, Edwin S.
Williams, Franklin C., and Brown.
Wishart, James, and Bancroft.
Wittel, Otto.
Wittel, Otto, and Swing.
Woodhouse, Fred N., and Swing.
Yackel, Edward C.
Young, De Walt S.
Yule, John A. C.
Zobel, Carl F.
Zobel, Carl F., and Fox.

Eastman Machine Company, assignee: *See*—
Clark, Frederick G.
Ulrich, Lester J.

Eastman, Nathan V., Racine, Wis. Reel support. 2,537,519, Jan. 9.

Eastman Oil Well Survey Company, assignee: *See*—
Brokaw, Charles A., and James.
Buttolph, Ralph.
Goble, Ralph W.
Jackson, John G.
Leissler, Lee R.
Spaulding, Charles W., and Collins.

Easton, Erving E.: *See*—
Hoover, George W., and Easton.

Easton, Margaret L., Baltimore, Md. Salad mixing and serving bowl. 2,577,185, Dec. 4.

Easton, Russell P., Binghamton, assignor to General Aniline & Film Corporation, New York, N. Y. Solutions of cellulose triacetate. 2,542,402, Feb. 20.

Eastwold, Esther E.: *See*—
Oace, Ralph J., Snell, and Eastwold.

Eastwood, Eric, Great Baddow, J. McI. Ferguson and K. W. Brown, Stafford, assignors to The English Electric Company Limited, London, England. Electronic discharge device. 2,577,314, Dec. 4.

Easy Washing Machine Corporation, assignee: *See*—
Bunts, Vernon M., and Holbert.
Douglas, Peyton W.
Glassey, Philip P.
Scheele, Charles C.
Swayze, Ernest W.

Eaton Appliance Corporation, assignee: *See*—
Eaton, Charles F.

Eaton, Bruce G., Columbus, and W. J. Clark, Bexley, Ohio, assignors to Curtiss-Wright Corporation. Aerodynamic brake and automatic control system for aircraft. 2,553,642, May 22.

Eaton, Charles F., Methuen, assignor to Bennett Incorporated, Cambridge, Mass. Rotor for dispersion machines. 2,552,889, May 15.

Eaton, Charles F., assignor to Eaton Appliance Corporation, Salem, N. H. Resuscitation apparatus. 2,574,091, Nov. 6.

Eaton, Charles F., assignor to Eaton Appliance Corporation, Salem, N. H. Apparatus for inducing respiration by tilting. 2,574,092, Nov. 6.

Eaton, David S.: *See*—
Taylor, William B., and Eaton.

Eaton, Dewitt, assignee: *See*—
Grove, William R.

Eaton, Ernest E., Berrien Springs, assignor to Clark Equipment Company, Buchanan, Mich. Transmission. 2,542,911, Feb. 20.

Eaton, Jack B., Kalamazoo, and D. M. Dunklee, Doster, Mich. Pocketknife having retractable blades. 2,552,945, May 15.

Eaton, John F., Tulsa, Okla., assignor to Bethlehem Supply Company. Adjustable rotary counterbalance crank. 2,575,075, Nov. 13.

Eaton Laboratories, Inc., assignee: *See*—
Raffauf, Robert F.

Eaton Manufacturing Company, assignee: *See*—
Carlson, Gustav W.
Clark, Howard H.
Faulhaber, James W., Fisher, and Simons.
Findley, Howard J.
Fisher, Ferd W., and Basl.
Gamundi, Reynold F.
Koestering, Walter T.
Matulaitis, Victor E.
Reed, George R.
Rudd, Harry B.
Sawdy, Earl B.
Schneider, Andrew.
Turkish, Michael C.

Eaton, Paul B., assignee: *See*—
Starnes, George F.

Eaton, Ralph W., Rochester, N. Y. Dental matrix and a matrix retainer. 2,565,598, Aug. 28.

Eaton, Richard C., North Syracuse, N. Y., assignor to General Electric Company. Balanced phase detector. 2,564,471, Aug. 14.

Eaton, Samuel E., Lexington, assignor to Arthur D. Little, Inc., Cambridge, Mass. Immersed-electrode steam generating system. 2,546,889, Mar. 27.

Eaton, Wilfred A., Oakville, Conn., assignor to Bendix-Westinghouse Automotive Air Brake Company, Elyria, Ohio. Fluid pressure valve. 2,543,099, Feb. 27.

Eaves, Carson D., Memphis, Tenn. Railway signal. 2,551,831, May 8.

Eaves, Ralph E., Westwood, Mass. Advertising device. 2,566,124, Aug. 28.

Eaves, William C., Elyria, Ohio. Electrodynamic loudspeaker assembly. 2,566,604, Sept. 4.

Ebauches, S. A., assignee: *See*—
Haidegger, Hans.

Ebbets, George D., Kenilworth, and R. M. Hardgrove, Westfield, assignors to The Babcock & Wilcox Company, Rockleigh, N. J. Pebble heater. 2,563,322, Aug. 7.

Ebel, Clarence J., assignor to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Pressure-sensitive adhesive and adhesive tape. 2,553,816, May 22.

Ebel, John J., Stevens Point, Wis. Storm window hanger. 2,538,148, Jan. 16.

Ebel, William J., White Plains, assignor to N. McEwen, Sr., Franklin Square, N. Y. Cleaning fluid for desludging internal-combustion engines. 2,556,173, June 12.

Eber, Alfred J., Monroe, Mich. Reversible auxiliary handle for lawn trimmers. 2,547,451, Apr. 3.

Eberhard, Everett, Haddonfield, N. J., assignor to Radio Corporation of America. Pulse width selection. 2,556,074, June 5.

Eberhard, Everett, Haddonfield, and R. O. Endres, Audubon, N. J., assignors to Radio Corporation of America. Crystal controlled oscillator. 2,570,436, Oct. 9.

Eberhardt, Frank J., and M. A. Tryon, Buffalo, N. Y. Device for dispensing ignited cigarettes. 2,552,481, May 8.

Eberhart, Dale R.: *See*—
Lecher, Hans Z., and Eberhard.
Scalera, Mario, and Eberhart.

Eberl, James J.: *See*—
Beery, Donald W., Eberl, and Ingram.

Eberl, James J., Chester, Pa., assignor to Ethicon Suture Laboratories Incorporated. Oxidized cellulose suture. 2,537,978, Jan. 16.

Eberl, James J., Chester, Pa., assignor to Ethicon Suture Laboratories Incorporated. Oxidized cellulose suture. 2,537,979, Jan. 16.

Eberl, James J., Piscataway Township, Middlesex County, N. J., assignor to Johnson & Johnson. Plaster bandage and method and composition for making same. 2,557,083, June 19.

Eberle, Jack F., Bartlesville, Okla., assignor to Phillips Petroleum Company. Catalytic dehydrofluorination. 2,570,925, Oct. 9.

Eberle, Leo F., assignee: *See*—
Georgeson, Albin M.

Eberling, Dolph G. P., Troy, N. Y., assignor to General Electric Company. Making cast Alnico magnets. 2,578,407, Dec. 11.

Eberly, John H., Lancaster, Pa., assignor, by mesne assignments, to The Sperry Corporation, New York, N. Y. Circumferentially traveling thrust tire mounting machine. 2,546,988, Apr. 3.

Eberly, Kenneth C., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Vinyl propargyl ether. 2,537,643, Jan. 9.

Eberly, Kenneth C., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Conversion of liquid to solid tetrachlorobutane. 2,560,019, July 10.

Eberly, Kenneth C., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Preparation of alkyltin carboxylates. 2,560,034, July 10.

Eberly, Kenneth C., Akron, Ohio, and R. J. Reid, Fair Lawn, N. J., assignors to The Firestone Tire & Rubber Company, Akron, Ohio. Interpolymers of isobutene and acrylonitrile. 2,537,626, Jan. 9.

Eberly, Kenneth C., Akron, and R. J. Reid, Canal Fulton, assignors to The Firestone Tire & Rubber Company, Akron, Ohio. Conversion of liquid to solid tetrachlorobutane. 2,560,025, July 10.
Eberly, Kenneth C., G. E. P. Smith, Jr., and H. E. Albert, assignors to The Firestone Tire & Rubber Company, Akron, Ohio. Preparation of butyltin chlorides. 2,560,042, July 10.
Ebersole, Loring K., Findlay, Ohio. Portable folding crib. 2,553,703, May 22.
Ebert, Edward A.: *See*—
Allen, Howard G., Sims, and Ebert.
Ebert, Edward A., Snyder, N. Y. Gyrating device. 2,537,980, Jan. 16.
Ebert, Edward A., Snyder, N. Y. Artifiical fish lure and making the same. 2,563,825, Aug. 14.
Ebert, Frances, assignor of one-half to S. L. Wood, Decatur, Ill. Spring cushion with telescopic frame. 2,541,468, Feb. 13.
Ebert, Henry F., Brooklyn, N. Y. Expansible bracelet. 2,573,415, Oct. 30.
Ebert, Louis J., Little Valley, N. Y. Separable and demountable tire rim. 2,559,288, July 3.
Ebert, Max E.: *See*—
Schoenster, Peter J., and Ebert.
Ebert, Theodore E., Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Counter electrode of selenium rectifiers. 2,579,557, Dec. 25.
Eberwein, Howard J.: *See*—
Gebert, Russell C., and Eberwein.
Eberz, William F., Altadena, Calif., assignor to Petrolite Corporation, Ltd., Wilmington, Del. Inhibiting fogs in hydrocarbon products. 2,550,981, May 1.
Eberz, William F., Altadena, Calif., assignor to Petrolite Corporation, Ltd., Wilmington, Del. Fog inhibited hydrocarbon product and method. 2,550,982, May 1.
Ebsary, Vivian R., Darlinghurst, near Sydney, New South Wales, Australia. Rotary pump. 2,550,540, Apr. 24.
Eby, Hugh H., Inc., assignee: *See*—
Ingham, William I.
Eby, Lawrence T., Roselle, N. J., assignor to Standard Oil Development Company. Halogenated tertiary alkyl sulfides and polysulfides. 2,560,421, July 10.
Eby, Lawrence T., Roselle, N. J., assignor to Standard Oil Development Company. Condensation products of tertiary alkyl mercaptans and alkylene oxides. 2,570,-050, Oct. 2.
Eby, Lawrence T., Roselle, N. J., assignor to Standard Oil Development Company. Insecticidal compositions containing beta-(tertiary-alkyl thio) alkanols. 2,570,-051, Oct. 2.
Eccles, Thomas: *See*—
Baines, Richard H., Eccles, and Fulton.
Echo Gasket Mfg. Corp., assignee: *See*—
Young, William M.
Echols, Angus B., Jr., Greenville, Del. Efficiency indicator 2,540,192, Feb. 6.
Echols, Samuel T., Jr.: *See*—
Echols, Samuel T., Sr., and S. T., Jr.
Echols, Samuel T., Sr., and S. T., Jr., St. Louis, Mo. Ice shaver and chipper machine. 2,539,734, Jan. 30.
Eckel, Vincent W., South Pasadena, Calif. Head space gauge for firearms. 2,553,704, May 22.
Eckelmann, Luis E., Brooklyn, N. Y., assignor to Pyrene Manufacturing Company, Newark, N. J. Fire extinguisher. 2,573,320, Oct. 30.
Eckels, H. S., and Co., assignee: *See*—
Sutherland, William C., Jr.
Eckenbeck, Dana C., P. E. Slaughter, and C. L. Madden, Minneapolis, Minn. Plug-nut. 2,544,304, Mar. 6.
Eckenbeck, Dana C., and P. E. Slaughter, Minneapolis, Minn. Making self-binding nuts. 2,563,162, Aug. 7.
Eckenrode, Lewis E., assignee: *See*—
Weaver, James C.
Ecker, Howard W., St. Paul, Minn. Switch mechanism. 2,558,240, June 26.
Eckers, Carl G., assignor to Aktiebolaget Separator, Stockholm, Sweden. Centrifugal separation of starch. 2,536,430, Jan. 2.
Eckers, Carl G., assignor to Aktiebolaget Separator, Stockholm, Sweden. Producing starch from starch milk. 2,543,660, Feb. 27.
Eckers, Carl G., assignor to Aktiebolaget Separator, Stockholm, Sweden. Producing starch. 2,556,322, June 12.
Eckersley, Charles E. H., Newlands, Glasgow, Scotland, assignor to The Air Preheater Corporation, New York, N. Y. Regenerative heat exchanging apparatus. 2,549,583, Apr. 17.
Eckert, George E., and W. K. McGinty, assignors to Moe Brothers Manufacturing Company, Fort Atkinson, Wis. Lamp support with rotatable apertured plate, including a recessed supporting hook. 2,561,691, July 24.
Eckert, John E.: *See*—
Sendzimir, Tadeusz, and Eckert.
Eckert, John P., Jr.: *See*—
Mauchly, John W., and Eckert.
Eckert, John P., Jr., assignor to Eckert-Mauchly Computer Corporation, Philadelphia, Pa. Impulse responsive network. 2,557,729, June 19.
Eckert, John P., Jr., J. C. Sims, Jr., and I. L. Auerbach, assignors to Eckert-Mauchly Computer Corporation, Philadelphia, Pa. Structure for electrical apparatus. 2,579,141, Dec. 18.
Eckert, Joseph, and E. P. Klar, Menominee, Mich., assignors to Heywood-Wakefield Company, Gardner, Mass. Push back chair. 2,553,445, May 15.
Eckert-Mauchly Computer Corporation, assignee: *See*—
Eckert, John P., Jr.
Eckert, John P., Jr., Sims, and Auerbach.
Mauchly, John W., and Eckert.
Eckey, Eddy W., Cincinnati, Ohio. Catalytic processes for ester-ester interchange. 2,558,547, June 26.
Eckey, Eddy W., Wyoming, Ohio. Polyvinyl ester-ester interchange process. 2,558,548, June 26.
Eckey, Eddy W., Cincinnati, Ohio, and A. D. Abbott, Fairfax, Calif., assignors to The Procter & Gamble Company, Cincinnati, Ohio. Acyl ureide preparation. 2,574,864, Nov. 13.
Eckhardt, George, Jr., Los Angeles, Calif. Automatic chime and Christmas tree holder. 2,568,995, Sept. 25.
Eckardt, Helmuth, Towaco, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone transmitter. 2,567,368, Sept. 11.
Eckhardt, Henry, Bayside, N. Y., assignor to Phillips Petroleum Company. Safety coupling device. 2,539,534, Jan. 30.
Eckhoff, Orville E., San Antonio, Tex. Electrical cooking apparatus. 2,548,524, Apr. 10.
Eckhoff, Robert H., trustee, assignee: *See*—
Danforth, Richard S.
Eckles, Noble, Glendale, assignor of one-half to R. B. Eckles, San Francisco, Calif. Trailer hitch lock. 2,571,349, Oct. 16.
Eckles, Robert B., assignee: *See*—
Eckles, Noble
Eckman, Donald P., Ithaca, N. Y., assignor, by mesne assignments, to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Air-operated controller with delayed follow-up. 2,540,193, Feb. 6.
Eckman, Donald P., Philadelphia, Pa., assignor, by mesne assignments, to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Flow integrating meter. 2,556,803, June 12.
Eckman, George E., Oradell, N. J., assignor to American Can Company, New York, N. Y. Folding container punch. 2,546,257, Mar. 27.
Eckman, George E., Oradell, N. J., assignor to American Can Company, New York, N. Y. Integral hinge for containers. 2,551,587, May 8.
Eckman, George E., Oradell, N. J., assignor to American Can Company, New York, N. Y. Compartment container assembly. 2,553,559, May 22.
Eckman, Harry A., and H. W. Maack, assignors to Crane Co., Chicago, Ill. Malleable iron with boron and bismith. 2,579,452, Dec. 25.
Eckstein, Arnold, McHenry, and H. Bogot, assignors to Ace Engineering Company, Chicago, Ill. Air nozzle for fluid fuel burners. 2,541,347, Feb. 13.
Eclipse Fuel Engineering Co., assignee: *See*—
Stadler, Albert.
Eclipse Sleep Products Inc., assignee: *See*—
Martin, Joseph.
Economics Laboratory, Inc.: *See*—
Borell, George L., and Nystuen.
Economy Building Block Machine Co. Inc., assignee: *See*—
Davis, James A.
Economy Faucet Company, assignee: *See*—
Gordinier, Ralph E.
Economy Fuse and Manufacturing Co., assignee: *See*—
Laing, Gordon F.
Ecremeuses Melotte, Société Anonyme, assignee: *See*—
Henrard, Fernand J. J. J.
Jadoul, Edmond L. J.
Ecusta Paper Corporation, assignee: *See*—
Goepfert, Otto F.
Haswell, Henry L.
Parrott, Warley L.
Schur, Milton O., and Levy.
Edberg, Per, Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Air-conditioning. 2,548,426, Apr. 10.
Eddington Metal Specialty Company, assignee: *See*—
Czarnecki, Walter V., Jr., and C. M.
Eddy, Charles M., Hollidays Cove, W. Va., and H. I. Hooper, Hanlin Station, Pa., assignors to National Steel Corporation. Apparatus for inspecting sheets. 2,541,752, Feb. 13.
Eddy, George R., Manlius, assignor to Crouse-Hinds Company, Syracuse, N. Y. Plug and socket electric connector. 2,557,818, June 19.
Eddy, Robert B., assignee: *See*—
Beyrodt, Kurt.
Eddy, Robert C., Denver, Colo., assignor to Radio Corporation of America. Apparatus for simultaneously transporting and processing electron discharge devices, including aging the same. 2,573,416, Oct. 30.
Eddystone Machinery & Mill Supplies Co., assignee: *See*—
Husson, Albert W.
Edee, George G., Des Plaines, Ill. Rail chair. 2,579,373, Dec. 18.
Edelberg, Benjamin, Chicago, Ill. Permanent match. 2,566,560, Sept. 4.

Edelberg, Vladimir, Tunis, Tunisia. Screwing and unscrewing tongs, particularly for drilling pipe joints. 2,566,561, Sept. 4.

Edelen, James L., Kirkwood, assignor to Carter Carburetor Corporation, St. Louis, Mo. Filter bowl construction. 2,567,062, Sept. 4.

Edelman, Abraham: *See*—
De Giers, Clarence A., and Edelman.

Edelman, Abraham, New York, assignor to The Liquidometer Corporation, Long Island City, N. Y. Indicating and control device. 2,544,012, Mar. 6.

Edelman, Norman B., Philadelphia, Pa. Insulation composition of resin-impregnated glass wool briquettes and feathers. 2,579,035, Dec. 18.

Edelman, Norman B., Philadelphia, Pa. Insulation, filling, and packing. 2,579,036, Dec. 18.

Edelman, Walter E., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Burner safety control system and apparatus. 2,567,807, Sept. 11.

Edelmann, Leo, Chicago, Ill. Tube cutter. 2,536,161, Jan. 2.

Edelsohn, Charles R., assignor to Avco Manufacturing Corporation, Cincinnati, Ohio. Automatic frequency control for television receivers. 2,545,346, Mar. 13.

Edelstein, Sidney M., assignee: *See*—
Weiss, Ernst.

Eden, William P., Fort William, Ontario, Canada. Slotter for templates and the like. 2,564,156, Aug. 14.

Edens, Ralph A., East Detroit, Mich. Toolholder. 2,540,937, Feb. 6.

Edens, Robert L., Tulsa, Okla. Clutch plate shim. 2,579,179, Dec. 18.

Eder, Virgil K., Indianapolis, Ind., assignor to General Motors Corporation, Detroit, Mich. Thickness gauge. 2,543,570, Feb. 27.

Edes, Fletcher R.: *See*—
Finkeldey, William H., and Edes.

Edgar, Albert C., Palos Heights, and O. J. Pickens, Chicago, Ill. Thickened fruit composition and preparing the same. 2,563,996, Aug. 14.

Edgar Brothers Company, assignee: *See*—
Albert, Charles G.
Leek, Thomas G.

Edgar, David M., assignor to Miller Pottery Engineering Company, Pittsburgh, Pa. Jiggering tool for pottery ware. 2,559,352, July 3.

Edgar, Donald E., Westport, Conn., assignor to E. I. du Pont de Nemours and Company, Wilmington, Del. Preparing unsupported films of polytetrafluoroethylene. 2,578,522, Dec. 11.

Edgar, Robert F., Pattersonville, N. Y., assignor to General Electric Company. Locating interstrand short circuits in stranded armature bars. 2,546,732, Mar. 27.

Edge, Nelson J.: *See*—
Rickerrich, Frederick, Jr., and Edge.

Edge, Nelson J., assignee: *See*—
Jansen, Charles.

Edgerton, Arthur H., Rocky River, assignor to H. D. Laidley, Cleveland, Ohio. Bottle-capping machine. 2,572,704, Oct. 23.

Edgington, Robert E., assignee: *See*—
Davis, Robert S.

Edhlund, Leslie J., St. Paul, Minn., assignor to Western Electric Company, Incorporated, New York, N. Y. Retractile roller assemblage. 2,559,856, July 10.

Edi Holding Inc., assignee: *See*—
Spierer, Edward D.

Edinburg, Murray W., Worcester, Mass. Electrocardiograph. 2,571,223, Oct. 16.

Edison, Thomas A., Incorporated, assignee: *See*—
Braun, Gustav F.
Cerf, Gustave D.
Dann, Charles W., and Somers.
Dittmann, Karl H.
Fritzinger, George H.
Gardenier, Clyde B.
Hornbostel, John.
Huenlich, Charles.
Kelly, Frederick G.
La Forest, Louis Z.
Moulton, Joseph D., Enters, and Moufang.
Odell, Carl H., and Lewthwaite.
Postal, Robert H.
Seifried, Albert L.
Somers, Richard M.
Tichenor, Robert L.
Weinberg, Harold L.
Zar, Jacob L.

Edison Wood Products, Incorporated, assignee: *See*—
Webb, Charles E.

Edlich, William, Dover, N. J., and W. Theobald, Siegen, Germany; said Theobald assignor to said Edlich. Toolholder. 2,543,661, Feb. 27.

Edman, John H., assignor to Deere Manufacturing Co., Dubuque, Iowa. Fluid control valve with selective float position. 2,572,705, Oct. 23.

Edmead, Ronald H.: *See*—
Hannay, Robert S. E., Kilby, and Edmead.

Edmonds, Cleave F.: *See*—
Edmonds, William H. and C. F.

Edmonds, Eugene A., assignor to Henry Vogt Machine Company, Louisville, Ky. Oil chiller. 2,574,818, Nov. 13.

Edmonds, James T.: *See*—
Hillyer, John C., and Edmonds.

Edmonds, Joseph B., Baltimore, Md. Treatment of fermentation products. 2,548,594, Apr. 10.

Edmonds, Landon W. L., Blue Point, N. Y., and R. M. Burley, La Jolla, Calif., assignors to Bendix Aviation Corporation, Teterboro, N. J. Aircraft attitude and heading instrument. 2,563,225, Aug. 7.

Edmonds, Lee O.: *See*—
Himel, Chester M., and Edmonds.

Edmonds, Lee O., Bartlesville, Okla., assignor to Phillips Petroleum Company. N-long chain dialkyl-sulfenamides and preparation thereof. 2,554,097, May 22.

Edmonds, William H., Goodlett, and C. F. Edmonds, Quanah, Tex. Locking mechanism for vehicle end gates. 2,551,832, May 8.

Edmondson, William, and W. Jones, Oxenhope, Keighley, England. Apparatus for mixing the vapor of a volatile anesthetic. 2,553,446, May 15.

Edmondson, William B., U. S. Marine Corps. Self-locking coupling pin for parachute harness quick-release. 2,557,084, June 19.

Edmunds, William H., Havertown, assignor to I-T-E Circuit Breaker Company, Philadelphia, Pa. Adjustable trip. 2,574,093, Nov. 6.

Edmunds, William J., St. Louis County, Mo. Fishing tackle holder. 2,578,181, Dec. 11.

Edo Corporation, assignee: *See*—
Moreno, Anthony J., and Fenn.

Edson, Alden P., Hartford, and I. L. Newell, Wethersfield, assignors to United Aircraft Corporation, East Hartford, Conn. Fluxing and joining metal parts. 2,561,565, July 24.

Edson, Alden P., Hartford, and I. L. Newell, Wethersfield, assignors to United Aircraft Corporation, East Hartford, Conn. Fluxing metal parts in joining them. 2,561,566, July 24.

Edson, James O., Warren Township, Somerset County, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Multistage ring circuit. 2,542,644, Feb. 20.

Edson, William W., Auburndale, Mass., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Electrical distribution system. 2,547,452, Apr. 3.

Edtmiller, Anthony G., Milwaukee, Wis., assignor to Cornell Paperboard Products Co. Self-erecting carton. 2,572,123, Oct. 23.

Edvinson, Anders G., and B. K. Danielsson, assignors to Aktiebolaget Gotaverken, Goteborg, Sweden. Oil burner. 2,577,238, Dec. 4.

Edvinsson, Anders G., Lerum, assignor to Aktiebolaget Gotaverken, Goteborg, Sweden. Solid fuel furnace. 2,578,051, Dec. 11.

Edwal Laboratories, Inc., The, assignee: *See*—
Schwarcz, Morton.

Edwards, Albert G., Diamond Springs, assignor to Mero Co. Inc., Modesto, Calif. Bottle cap. 2,576,580, Nov. 27.

Edwards, Andrew W.: *See*—
Wallace, James M., and Edwards.

Edwards, Archibald G., South Westminster, British Columbia, Canada. Combination woodworking power tool. 2,555,582, June 5.

Edwards, Arthur C., Idaho Falls, Idaho. Wire stretcher. 2,552,003, May 8.

Edwards, Arthur H.: *See*—
McCarthy, George D., and Edwards.

Edwards, Arthur H., Farmington, assignor to Chrysler Corporation, Highland Park, Mich. Seal. 2,559,857, July 10.

Edwards, Bartlett, San Antonio, Tex. Typewriting machine attachment. 2,561,615, July 24.

Edwards, Benjamin F., Mojave, Calif. Polyfocal spectacles. 2,576,581, Nov. 27.

Edwards, C. B., assignee: *See*—
Tyler, Marshall.

Edwards, Charles C., High Point, N. C. Machine for applying clips to springs or the like. 2,537,817, Jan. 9.

Edwards, Charles F., Red Bank, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Microwave converter. 2,563,591, Aug. 7.

Edwards, Charles R., deceased, Houston, Tex.; F. R. Edwards, executrix. Pipe cutter. 2,572,997, Oct. 30.

Edwards, Clarence K., and L. D., Spokane, Wash. Coupler for toy cars and releasing means. 2,574,630, Nov. 13.

Edwards & Company, Inc., assignee: *See*—
Fish, George R.

Edwards and Company, Inc., assignee: *See*—
Miller, Christian.

Edwards, Curtis V., deceased, Yakima, Wash.; F. L. Edwards executrix of said C. V. Edwards. Salt feeding attachment for hay balers. 2,565,422, Aug. 21.

Edwards, Daniel G., Clarksville, Tenn. Smoke and gas consumer. 2,557,419, June 19.

Edwards, Donald V., Montclair, and E. K. Smith, West Orange, assignors to Electrons Incorporated, Newark, N. J. Gas filling for grid control gas tubes. 2,567,369, Sept. 11.

Edwards, Donald V., Montclair, N. J., assignor to General Railway Signal Company, Rochester, N. Y. Induction alternator excitor control. 2,578,679, Dec. 18.

Edwards, Donald V., Montclair, N. J., assignor to General Railway Signal Company, Rochester, N. Y. Power conversion device of the vacuum tube type. 2,579,374, Dec. 18.
Edwards, Edith Y., assignee: *See*— Godfrey, Milton L.
Edwards, Florella L., executrix: *See*— Edwards, Curtis V.
Edwards, Frances R., executrix: *See*— Edwards, Charles R.
Edwards, Franklin W., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Accessory drive and coupling. 2,537,335, Jan. 9.
Edwards, George W., Mitry-le-Neuf, France. Mixing, diluting, emulsifying, and the like apparatus. 2,541,221, Feb. 13.
Edwards, George W., Mitry le Neuf, France. Manufacture of chocolate. 2,558,128, June 26.
Edwards, Glenn, Memphis, Tenn. Internal tube puller. 2,563,675, Aug. 7.
Edwards, Harry D.: *See*— Collins, Ronald B., Edwards, and Pratt.
Edwards, Harry D., assignor to Ilford Limited, Ilford, England. Making methine dyestuffs. 2,573,555, Oct. 30.
Edwards, Hilbert E.: *See*— Massare, Quido P., and Edwards.
Edwards, Irving W., Detroit, Mich. Electrical connector. 2,565,652, Aug. 28.
Edwards, Irving W., Detroit, Mich. Conductor. 2,579,227, Dec. 18.
Edwards, James R.: *See*— Quear, Eugene C., Shaw, and Edwards.
Edwards, James R., assignor to The Kroger Company, Cincinnati, Ohio. Check-out counter. 2,564,642, Aug. 14.
Edwards, Jean F., executrix: *See*— Massare, Quido P., and Edwards.
Edwards, Lawrence D.: *See*— Edwards, Clarence K., and L. D.
Edwards, Leonard C., Sapulpa, Okla. Air hose bracket. 2,554,176, May 22.
Edwards, Leslie R., Gurdon, Ark. Frog feeder. 2,555,437, June 5.
Edwards, Lorin G., Woodlake, Calif. Sausage-core forming machine. 2,568,491, Sept. 18.
Edwards, Martin A.: *See*— Starkey, Neal E., Lewis, and Edwards.
Edwards, Martin A., Scotia, N. Y., and O. A. Keep, Harborcreek, Pa., assignors to General Electric Company. Traction vehicle wheel slip control system. 2,543,622, Feb. 27.
Edwards, Miles L., Longview, Wash. Vapor separating pump. 2,552,264, May 8.
Edwards, Miles L., Longview, Wash. Spray nozzle. 2,574,865, Nov. 13.
Edwards, Miles L., Longview, Wash. Lubricant foam control system for engines. 2,575,315, Nov. 13.
Edwards, Paul G., Verona, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Transmission privacy synchronizing and equalizing system. 2,542,183, Feb. 20.
Edwards, Phyllis, Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Producing a glycidyl ester. 2,537,981, Jan. 16.
Edwards, Ray C., Wauwatosa, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Scrubber with lining and paddles of rubbery materials. 2,578,180, Dec. 11.
Edwards, Robert H., Greeley, Colo. Novelty ornament. 2,552,265, May 8.
Edwards, Robert L., Oak Park, assignor to S. Karpen & Bros., Chicago, Ill. Reversible seat back and armrest structure. 2,545,608, Mar. 20.
Edwards, Ross, and J. Brogden, Lubbock, Tex. Agricultural crust busting implement. 2,569,464, Oct. 2.
Edwards, Russell N., Schenectady, N. Y., assignor to General Electric Company. System and apparatus for starting charged particle accelerators. 2,550,459, Apr. 24.
Edwards, Theodoric B., Hybla Valley Farms, and A. L. Donahew, Alexandria, Va. Fire fighting nozzle. 2,542,014, Feb. 20.
Edwards, Thomas: *See*— Simpson, Thomas, Edwards, and Greeland. Simpson, Thomas, Greenland, and Edwards.
Edwards, Thomas, Bilbrook, near Wolverhampton, assignor to H. M. Hobson Limited, London, England. Variable stroke pump. 2,559,952, July 10.
Edwards, Walter M., Seymour, Tex. Cotton harvester. 2,571,224, Oct. 16.
Edwards, Walter R., Cumberland, Md., assignor to Celanese Corporation of America. Preparation of sulfonamidodiphenylamines. 2,550,789, May 1.
Edwards, Wilfrid H., Purley, England. Gripper loom. 2,538,674, Jan. 16.
Edwards, William H., Houston, Tex., assignor to The Texas Company, New York, N. Y. Polished rod insulation. 2,574,550, Nov. 13.
Edwin, Emil, Oslo, Norway. Producing metals in blast furnaces. 2,559,213, July 3.
Een, Johannes B., Oslo, Norway. Mounting of construction boards. 2,562,779, July 31.
Eerbeek, Coenraad D. F.: *See*— Smithuysen, Wilhelm C. B., and Eerbeek.
Efficiency Devices, assignee: *See*— Rogow, Charles M.
Effinger, Edward J.: *See*— Neumann, George R., and Effinger.
Efford, John T., Stratford, assignor to Bridgeport Brass Company, Bridgeport, Conn. Thermally actuated sprayer. 2,560,523, July 10.
Efner, Dean F., Seattle, Wash. Resilient hatrack. 2,538,237, Jan. 16.
Efromson, Philip C., J. A. Dickie, and R. C. Lewis, assignors to The M. B. Manufacturing Company, Inc., New Haven, Conn. Nondirectional isolator unit. 2,538,954, Jan. 23.
Efromson, Philip C., and R. C. Lewis, assignors to The M. B. Manufacturing Company, Inc., New Haven, Conn. Nondirectional isolator unit. 2,538,955, Jan. 23.
Efron, Theodore, assignee: *See*— Schaefer, Edward E.
Ega Electric Limited, assignee: *See*— Kilminster, George.
Egalon, Robert, Marquette-les-Lille, R. Vanhille, Mouvaux, and M. Willemyns, Bois-Grenier, assignors to Manufactures de Produits Chimiques du Nord Etablissements Kuhlmann, Paris, France. Electrical conductivity cell for measuring flow. 2,541,578, Feb. 13.
Egan, Clark J., Piedmont, assignor to California Research Corporation, San Francisco, Calif. Fractional solidification process. 2,579,421, Dec. 18.
Egan Cotton Mills, Inc., assignee: *See*— Grant, Horace C.
Egan, John F.: *See*— Schubert, Alvin E., Hintz, and Egan.
Egan, John F., and G. S. Jones, assignors to Eastman Kodak Company, Rochester, N. Y. Apparatus for photographically copying either both or only one side of a document. 2,552,266, May 8.
Egar, George M.: *See*— Egart, Alphonsus C., and G. M.
Egart, Alphonsus C., Detroit, Mich., and G. M. Egart, Chicago, Ill. Ticket holder and receipt dispenser. 2,541,222, Feb. 13.
Egee, Walter W., Yeadon, assignor to Fletcher Works Incorporated, Philadelphia, Pa. Spinning spindle. 2,558,210, June 26.
Eger, Ernst, Los Angeles, Calif., assignor to United States Rubber Company, New York, N. Y. Material simulating ceramic wall tile. 2,537,520, Jan. 9.
Eger, Ernst, Los Angeles, Calif., assignor to United States Rubber Company, New York, N. Y. Construction board and making same. 2,550,143, Apr. 24.
Egerer, William E., Detroit, Mich., assignor to G. M. and E. Holley. Combined carburetor choke and nozzle. 2,538,559, Jan. 16.
Egerton, Clinton F., New York, N. Y. Rotary washing machine. 2,549,677, Apr. 17.
Egge, Edwin G., Central Falls, R. I., assignor to United States Rubber Company, New York, N. Y. Core covering device. 2,542,184, Feb. 20.
Eggenberger, Hans: *See*— Von Allmen, Samuel, and Eggenberger.
Eggensperger, Arlo R., Tenafly, N. J., assignor to American Telephone and Telegraph Company. Motor control for signal responsive selector mechanism. 2,569,980, Oct. 2.
Egger, Charles J., and R. H. Webster, Cleveland, Ohio, assignors to The Buckeye Laboratories Corporation. Purifying oil by distillation. 2,575,051, Nov. 13.
Egger, Emile, Cressier, Switzerland. Rotor wheel for centrifugal pumps. 2,566,795, Sept. 4.
Eggleston, Allen J., assignor to Ekco Products Company, Chicago, Ill. Kitchen tool. 2,538,357, Jan. 16.
Eggleston, Donald A.: *See*— Downing, William C., Jr., Eggleston, and Vanderleck.
Eggleston, Forest D., St. Louis, Mo. Wall shield for cooking stoves. 2,568,276, Sept. 18.
Eggleston, Gilbert K., assignor to Barnes Manufacturing Company, Mansfield, Ohio. Centrifugal pump. 2,580,347, Dec. 25.
Eggleston, Ira S., St. Paul, assignor to Standard Conveyor Company, North St. Paul, Minn. Driving attachment for roller conveyers. 2,553,964, May 22.
Eggleston, Ira S., St. Paul, assignor to Standard Conveyor Company, North St. Paul, Minn. Extensible belt conveyer. 2,576,217, Nov. 27.
Eglan, Richelieu C., Kansas City, Kans. Music writing machine. 2,570,330, Oct. 9.
Egli, H. W., A. G., assignee.: *See*— Suter, Heinrich.
Egli, Paul H.: *See*— Friedman, Isidore I., and Egli.
Egli, Rudolf, Zurich, assignor of one-half to Reuge & Cie, Vaud, Switzerland. Calculator for determining maximum cutting speeds of machine tools. 2,558,646, June 26.
Egly, John M., Buffalo, N. Y., assignor to Curtiss-Wright Corporation. Retractable landing gear. 2,562,778, July 31.
Egly, Richard S.: *See*— Stengel, Leonard A., and Egly.
Egly, Richard S., assignor to Commercial Solvents Corporation, Terre Haute, Ind. Recovery of nitrogen oxide. 2,543,446, Feb. 27.

Egly, William D., South Bend, and C. W. Harris, Elkhart, Ind. Traveling lawn sprinkler. 2,563,519, Aug. 7.
Ego, George R., Brantford, assignor to Massey-Harris Co. Ltd., Toronto, Ontario, Canada. Universal self-contained plow. 2,564,567, Aug. 14.
Egolf, Paul H., Sr., Chevy Chase, Md. Display apparatus. 2,579,807, Dec. 25.
Egry Register Company, The, assignee: *See*—
Sprinchorn, Bertil F.
Egy, Joseph H., Enon, Ohio. Variable-speed transmission device. 2,547,453, Apr. 3.
Egyptian Lacquer Manufacturing Company, The, assignee: *See*—
Peck, Dwight C.
Ehlers, Forrest A.: *See*—
Davis, Clyde W., Ehlers, and Ellis.
Ehlers, Otto W., Hermosa Beach, assignor to Consolidated Vultee Aircraft Corporation, San Diego, Calif. Apparatus for coupling and uncoupling propellers. 2,571,848, Oct. 16.
Ehlinger, Marcel: *See*—
Mercier, Ernest, and Ehlinger.
Ehlke, Edward C., Milwaukee, Wis., assignor to A P Controls Corporation. Thermostatic expansion valve with adjustable pressure limiting feature. 2,542,802, Feb. 20.
Ehlschlager, Arthur J., Elmwood Park, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Apparatus for making electrical measurements. 2,567,700, Sept. 11.
Ehmann, Leslie G., assignor to Hyster Company, Portland, Oreg. Material handling device for industrial trucks. 2,571,550, Oct. 16.
Ehmke, Henry C., Waterloo, Iowa. Trouser and skirt hanger. 2,576,089, Nov. 27.
Ehrenfried, Albert D., Boston, Mass. Electrical field intensity recording system. 2,542,490, Feb. 20.
Ehrenstein, Maximilian R., assignor to The Trustees of the University of Pennsylvania, Philadelphia, Pa. Esters of 3,5,14,19-tetrahydroxy-etiocholanic acid and derivatives. 2,558,549, June 26.
Ehrenstein, Maximilian R., assignor to The Trustees of the University of Pennsylvania, Philadelphia, Pa. Nordesoxycorticosterone esters. 2,573,417, Oct. 30.
Ehrenstein, Maximilian R., assignor to The Trustees of the University of Pennsylvania, Philadelphia, Pa. Noretiocholenic acids and process. 2,573,418, Oct. 30.
Ehret, Yale W.: *See*—
Hagerty, Andrew T., and Ehret.
Ehret, Yale W., Elkhart, Ind., assignor to The Adlake Company, Chicago, Ill. Latching device for knockout windows. 2,554,442, May 22.
Ehret, Yale W., Elkhart, Ind., assignor to The Adlake Company, Chicago, Ill. Cable curtain construction. 2,555,848, June 5.
Ehret, Yale W., Elkhart, Ind., assignor to The Adlake Company, Chicago, Ill. Cable operated curtain construction. 2,572,847, Oct. 30.
Ehrhardt, Earl V., assignee: *See*—
Lea, Walter A.
Ehrhart, Edmund O., Johnsonburg, Pa. Intermediate wire suspension which bypasses a moving load. 2,540,868, Feb. 6.
Ehrhart, Gustav, assignor to Farbwerke Hoechst Vormals Meister Lucius & Bruning, Frankfurt-on-the-Main, Germany. Alpha-ammomethyl, alpha-amino araliphatic acids. 2,543,837, Mar. 6.
Ehrler, Freeman O., assignor of one-quarter to W. C. Schrage, Glendale, and nine one-hundredths to L. A. Rickert, North Hollywood, Calif. Memorandum pad holder. 2,563,709, Aug. 7.
Ehrlich, Charles N., New York, N. Y., assignor to Tele-Tone Radio Corporation. Tuning unit with trimming condenser. 2,562,263, July 31.
Ehrlich, Charles N., New York, N. Y., assignor to Tele-Tone Radio Corporation. Tape antenna system. 2,574,733, Nov. 13.
Ehrlich, Joseph R., New York, N. Y. Plasticizing compositions and plasticized products. 2,538,900, Jan. 23.
Ehrlich, Joseph R., New York, N. Y. Multicolor carbon paper. 2,559,608, July 10.
Ehrman, Herbert H., assignor to York Corporation, York, Pa. Plate type heat exchanger. 2,550,339, Apr. 24.
Ehrsam, J. B., & Sons Manufacturing Co., The, assignee: *See*—
Skillman, Edward.
Eiberle, Paul, Baltimore, Md. Artificial hair forming device. 2,542,645, Feb. 20.
Eichacker, Homer, assignor to Vonnegut Hardware Company, Indianapolis, Ind. Retractor bolt. 2,566,284, Aug. 28.
Eichel, Frederick G., Rutherford, N. J., assignor to The Givaudan Corporation. Oxidation of benzyl ether. 2,561,350, July 24.
Eichelberger, Charles D., Ridley Park, Pa., assignor to General Electric Company. Removable switchgear interlocking control. 2,540,814, Feb. 6.
Eichelberger, James K., Austin, Tex. Nailing machine. 2,540,106, Feb. 6.
Eichelman, William H., Westlake, assignor to M. L. Benjamin, Shaker Heights, Ohio. Floating toolholder. 2,547,522, Apr. 3.
Eichenbaum, Eugene M., assignee: *See*—
Landells, Joseph H.
Eichenbaum Umbrella Co., Inc., assignee: *See*—
Levin, Joseph.
Eichenbaum, William, Jersey City, N. J. Duplicator attachment for stiff ledger sheets. 2,571,551, Oct. 16.
Eichenberg, Robert: *See*—
Lillich, Ralph A., and Eichenberg.
Eicher, Clarence D., Des Moines, Iowa. Embalmer's drainage instrument. 2,541,691, Feb. 13.
Eicher, La Verne B., Washington, Iowa. Applying matrix strips. 2,575,800, Nov. 20.
Eicher, William F., Westfield, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Electronic pulse generator. 2,547,523, Apr. 3.
Eichholz, Arthur H., and H. Samuelson, assignors to Central Stamping and Manufacturing Company, Chicago, Ill. Box lid support. 2,572,706, Oct. 23.
Eichmann, Theophil, Berne, Switzerland, assignor to G. B. Scarlett, Kennett Square, Pa. Diaphragm chamber. 2,551,489, May 1.
Eichner, Edward R., Montclair, N. J., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Inventory control device for fuel dispensing devices. 2,577,115, Dec. 4.
Eichner, Ferdinand R., Pontiac, assignor to General Motors Corporation, Detroit, Mich. Window construction. 2,572,124, Oct. 23.
Eicholtz, Marvin, Baltimore, Md. Swing. 2,564,398, Aug. 14.
Eickemeyer, Ludwig: *See*—
Gottlieb, Joseph, Eickemeyer, and Woessner.
Eickmeyer, Allen G.: *See*—
Walker, Scott W., and Eickmeyer.
Eickmeyer, Allen G., Tulsa, Okla. Production of hexamethylenetetramine. 2,542,315, Feb. 20.
Eickmeyer, Earl E., assignor to The Dayton Pump and Manufacturing Company, Dayton, Ohio. Hose for dispensing pump and means for supporting a loop therein. 2,544,073, Mar. 6.
Eickmeyer, Earl E., and H. E. Butler, assignors to The Dayton Pump and Manufacturing Company, Dayton, Ohio. Self-coiling flexible hose for dispensing pumps. 2,560,853, July 17.
Eiden, Leslie J., Los Angeles, and C. R. Magers, Tarzana; said Eiden assignor to R. L. Hoffmann, San Jose, Calif. Tool for use on plaster or the like. 2,551,105, May 1.
Eiffert, Otto H., and H. S. Thomas, Jr., assignors to Sargent & Greenleaf, Inc., Rochester, N. Y. Guard for resetting mechanisms of combination locks. 2,573,189, Oct. 30.
8600 Denison Company, assignee: *See*—
Herbster, George B.
Eiklid, Arvid, Oslo, Norway. Irradiating apparatus. 2,551,319, May 1.
Einson-Freeman Co., Inc., assignee: *See*—
Scoble, William H.
Einstein, Alice, New York, N. Y. Manufacturing wearing apparel. 2,555,962, June 5.
Eisele, Andrew, Detroit, Mich. Internal bore gauge checking device. 2,558,291, June 26.
Eisele, Andrew, Detroit, Mich. Equalizing and aligning mechanism for gauges. 2,565,844, Aug. 28.
Eisele, Andrew, Detroit, Mich. Sealed measuring head for bore gauges. 2,566,321, Sept. 4.
Eisele, Otto J., New York, N. Y. Automatic variable-speed and reverse hydraulic transmission. 2,574,819, Nov. 13.
Eiseman and Company, assignee: *See*—
Cline, Melvin H.
Eisen, John B., Waterloo, Wis., assignor to Monsanto Chemical Company, St. Louis, Mo. Nonelectrostatic plastic materials. 2,540,981, Feb. 6.
Eisen, John B., Waterloo, Wis., assignor to Monsanto Chemical Company, St. Louis, Mo. Nonelectrostatic plastic compositions. 2,579,375, Dec. 18.
Eisen, Leo and S., New York, N. Y. Man's jewelry accessory box. 2,559,289, July 3.
Eisen, Stephen: *See*—
Eisen, Leo and S.
Eisenberg, Alan G., Baltimore, Md. Rack. 2,546,587, Mar. 27.
Eisenberg, Ben, Larchmont, N. Y. Apparatus and method for electrically splicing film. 2,577,570, Dec. 4.
Eisenberg, Harry, B. W. Allan, and R. Roseman, assignors of three-ninths to said Eisenberg, three-ninths to said Allan, and three-ninths to B. Gaboff, Baltimore, Md. Aluminum hydroxide-magnesium phosphate pharmaceutical composition, method therefor, and thixotropy thereof. 2,570,532, Oct. 9.
Eisenberg, Murray, New York, N. Y. Quick release attachment for vise grip pliers. 2,576,286, Nov. 27.
Eisenberg, Robert, and H. Feuer, Chicago, Ill. Safety razor guard. 2,548,959, Apr. 17.
Eisenhardt, Nelson H.: *See*—
Homiller, Richard P., and Eisenhardt.
Eisenhauer, Harry J., Sr., Buffalo, N. Y. Antiskid device. 2,575,263, Nov. 13.
Eisenmann, John H., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Transmission control switch. 2,548,145, Apr. 10.
Eisenstark, Julius, Brooklyn, N. Y. Syringe. 2,574,964, Nov. 13.
Eisler, Charles, South Orange, N. J. Process and machine for vacuum bottle tubulating and piercing. 2,553,135, May 15.

Eisler, Charles, South Orange, N. J. High-speed tube or cane crack-off machine. 2,553,136, May 15.
Eisler, Joseph D., Philadelphia, Pa., assignor to Stanolind Oil and Gas Company, Tulsa, Okla. Elevation indicator. 2,552,890, May 15.
Eisner, Benjamin, Brooklyn, N. Y., J. O. Everhart and E. T. Montgomery, Columbus, assignors, by mesne assignments, to The National Clay Pipe Research Corporation, Logan, Ohio. Joint for pipe and conduits. 2,537,659, Jan. 9.
Eisner, Hans E., assignor to Metropolitan Consulting Chemists, Inc., Scarsdale, N. Y. Apparatus for producing pellets. 2,572,998, Oct. 30.
Eisner, Jack, Flushing, N. Y. Changeable picture. 2,554,098, May 22.
Eitel-McCullough, Inc., assignee: *See*—
Ballou, Byron O.
Eitel, William W., and McCullough.
Eitel, William W., McCullough, and Sorg.
Eitel, William W., and Miller.
Eitel, William W., and Wolfe.
Miller, Harold D.
Preist, Donald H.
Eitel, William W., Woodside, and J. A. McCullough, Millbrae, assignors to Eitel-McCullough, Inc., San Bruno, Calif. High-frequency tetrode with built-in capacitor. 2,569,847, Oct. 2.
Eitel, William W., Woodside, and M. E. Wolfe, Burlingame, assignors to Eitel-McCullough, Inc., San Bruno, Calif. Electron tube seal structure. 2,569,848, Oct. 2.
Eitel, William W., Woodside, J. A. McCullough, Millbrae, and H. E. Sorg, Redwood City, assignors to Eitel-McCullough, Inc., San Bruno, Calif. Ultra-high-frequency electron tube. 2,573,190, Oct. 30.
Eitel, William W., Woodside, and H. D. Miller, assignors to Eitel-McCullough, Inc., San Bruno, Calif. Cathode and heater structure for electron tubes. 2,577,239, Dec. 4.
Eitinger Bead Co., Inc., assignee: *See*—
Stone, Maxwell H.
Ek, Lester and W., and W. Grubb, Conrad, Mont. Underslung tire carrying frame. 2,578,466, Dec. 11.
Ek, William: *See*—
Ek, Lester and W., and Grubb.
Ekart, Carl J.: *See*—
Johns, John W., and Ekart.
Ekco-Ensign Electric Limited, assignee: *See*—
Stickley, William A.
Ekco Products Company, assignee: *See*—
Eggleston, Allen J.
Zimmer, Myron J.
Zimmer, Myron J., and Duskey.
Zumski, Edward.
Ekenstam, Edward D., Los Angeles, assignor of one-half to Southwest Paving Company, Roscoe, Calif. Variable width ditch paver. 2,539,063, Jan. 23.
Ekenstam, Edward D., Los Angeles, assignor of one-half to Southwest Paving Company, Los Angeles County, Calif. Road roller. 2,549,182, Apr. 17.
Ekenstam, Edward D., Los Angeles, Calif. Ditch digging machine. 2,549,183, Apr. 17.
Ekholm, Herbert W., assignor to Chicago Railway Equipment Company, Chicago, Ill. Railway brake beam structure. 2,548,595, Apr. 10.
Ekholm, Herbert W., assignor to Chicago Railway Equipment Company, Chicago, Ill. Railway brake beam structure. 2,561,978, July 24.
Ekkelkamp, Sienus, Everett, Wash. Emergency brake warning. 2,544,953, Mar. 13.
Eklund, Torsten, Surahammar, assignor to Allmanna Svenska Elktriska Aktiebolaget, Vasteras, Sweden. Elastic railway car wheel. 2,540,571, Feb. 6.
Eknayan, Hrant, Union City, N. J. Electric heating system and heating. 2,564,157, Aug. 14.
Ekornaas, Hilmar E., Kenosha, Wis. Radiator grill shield for motor vehicles. 2,566,605, Sept. 4.
Eksergian, Carolus L., Detroit, Mich., assignor to The Budd Company, Philadelphia, Pa. Variable tread wheel. 2,545,943, Mar. 20.
Eksergian, Carolus L., Detroit, Mich., assignor to The Budd Company, Philadelphia, Pa. Rail car truck. 2,548,596, Apr. 10.
Eksergian, Carolus L., Detroit, Mich., assignor to The Budd Company, Philadelphia, Pa. Stud for mounting wheels or the like. 2,548,840, Apr. 10.
Eksergian, Carolus L., Media, assignor to The Budd Company, Philadelphia, Pa. Baggage rack and attaching means therefor. 2,541,864, Feb. 13.
Eksergian, Carolus L., Media, assignor to The Budd Company, Philadelphia, Pa. Sleeping car arrangement. 2,548,292, Apr. 10.
Eksergian, Carolus L., Media, assignor to The Budd Company, Philadelphia, Pa. Double-deck railway sleeping car. 2,561,653, July 24.
Eksergian, Carolus L., Media, and M. Watter, assignors to The Budd Company, Philadelphia, Pa. Sleeping car with superposed rooms. 2,548,293, Apr. 10.
Ekstein, Hans, Chicago, Ill. Testing electrovibratory bodies. 2,542,275, Feb. 20.
Ekstrom, Robert E., assignor to Elematic Equipment Corporation, Chicago, Ill. Liquid level gauge. 2,548,960, Apr. 17.
Ekvall, Adolph C., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Deflection coil assembly. 2,578,342, Dec. 11.
Ekvall, Adolph C., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Deflection coil testing apparatus and method. 2,578,343, Dec. 11.
Elam, David L., Roselle, Ill., assignor to Electro Products Laboratories, Inc. Electronic indicating system. 2,556,471, June 12.
Eland, Robert C. A., assignor to Philco Corporation, Philadelphia, Pa. Microphonic suppression system for electric phonographs. 2,568,797, Sept. 25.
Elastic Stop Nut Corporation of America, assignee: *See*—
Erb, George H.
Hallock, Robert L.
Shaw, John D., and Kuzmick.
Elbourn, Roland W., Southall, assignor to Electric & Musical Industries Limited, Hayes, England. Thermionic valve circuits. 2,572,016, Oct. 23.
Elbourn, Roland W., Southall, and L. R. J. Johnson, Hayes, assignors to Cinema-Television Limited, London, England. Frequency division for television systems. 2,576,676, Nov. 27.
Elby, Joseph, Los Angeles, Calif. Nail polish applicator. 2,568,328 Sept. 18.
Elcon Mfg. Co., assignee: *See*—
Linn, Jerome S.
Elder, Charles J., assignor to The Moore Company, Muncie, Ind. Inner spring assembly. 2,547,904, Apr. 3.
Elder, Earl B., Arcadia, Calif. Tapping machine. 2,567,511, Sept. 11.
Elder, John A., Jr.,: *See*—
Beutel, Ralph H., and Elder.
Elder, Silas M., assignee: *See*—
Doornbos, Ralph A.
Elder, Wayne L.: *See*—
Emery, Byron, and Elder.
Elderfield, Robert C., Hastings on Hudson, and A. D. Maggiolo, New Hyde Park, N. Y., assignors to Eli Lilly and Company, Indianapolis, Ind. Preparation of 4-hydroxyquinoline compounds. 2,558,211, June 26.
Elderkin, James K., Montclair, and F. J. Strassner, assignors, by mesne assignments, to J. J. Mascuch, Maplewood, and J. K. Elderkin, Montclair, N. J. Electrode feeding mechanism. 2,571,552, Oct. 16.
Eldred, Edwin C., Jr., Wenham, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Nail distributing and loading apparatus. 2,575,336, Nov. 20.
Eldred, John W., Columbus, Ohio. Apparatus for thermally severing moil from hollow articles of glassware. 2,537,660, Jan. 9.
Eldred, Wendell E., Fort Worth, Tex., assignor to Consolidated Vultee Aircraft Corporation, San Diego, Calif. Tandem-wheel shock absorbing aircraft landing gear. 2,579,180, Dec. 18.
Eldredge, Elmer E., Plymouth, Wis., assignor, by mesne assignments, to The Borden Company, New York, N. Y. packaging cheese. 2,540,815, Feb. 6.
Eldridge, Lee M., Dundalk, assignor to Custom Upholstering and Carpet Company, Inc., Baltimore, Md. Furniture construction. 2,568,329, Sept. 18.
Electraulic Presses Limited, assignee: *See*—
Towler, John M. and F. H.
Electric Arc, Inc., assignee: *See*—
Holslag, Claude J
Electric Auto-Lite Company, The, assignee: *See*—
Bailey, Benjamin F.
Coulter, Guy H.
Electric Boat Company, assignee: *See*—
Gegenheimer, Harold W.
Ritchie, Alexander J.
Electric Company, S & C, assignee: *See*—
Kojis, John J.
Electric Controller & Manufacturing Company, The, assignee: *See*—
Griffes, Milton W., and Rathbun.
Leitch, John D., and White.
Schurr, Charles A.
White, Paul G.
Electric Controls Inc., assignee: *See*—
Armstrong, Charles E.
Electric Eye Equipment Company, assignee: *See*—
Loveless, Boyd B., Alhand, and Sample.
Electric Furnace Company, The, assignee: *See*—
Coe, Richard E.
Cope, Frank T., and Wirtz.
Electric Manufacturing Company, Inc., assignee: *See*—
Dofsen, Floyd J.
Electric and Musical Industries Limited, assignee: *See*—
Ambrose, Edmund J., and McGill.
Atherton, Albert H.
Bayford, Leslie J. C., and Fulcher.
Blumlein, Alan D.
Bull. Cabot S.
Collard, John.
Collard, John, and Holman.
Elbourn, Roland W.
Faudell, Charles L.
James, Ivanhoe J. P.
Johnson, Leonard R. J., Holloway, and White.
Leyton, Eric M.
Lord, William E.
Lubszynski, Hans G.

Electric and Musical Industries Limited, assignee: *See*— Continued.
Mayo, Bernard J.
McGee, James D.
Metcalfe, Clifford, and Rae.
Metcalfe, Clifford, and Sexton.
Milne, James T. G.
Pearce, Ralph R.
Scantlebury, Gordon S. P.
Soby, William.
Sommer, Alfred.
White, Eric L. C.
White, Eric L. C., and Smith.
Wilkinson, Frank.
Electric Products Company, The, assignee: *See*—
Seeler, Alvah I.
Stephenson, Geoffrey H.
Electric Service Manufacturing Co., assignee: *See*—
McFarlin, John R.
Shaback, Andrew J.
Electric Steam Radiator Corporation, assignee: *See*—
Fisher, Roy R.
Electric Steel Foundry, assignee: *See*—
Haun, Joye C.
Haun, Joye C., and Carter.
Larsen, Paul V.
Electric Storage Battery Company, The, assignee: *See*—
Chapman, Edward S.
Duddy, Joseph C.
Galloway, Charles D.
Gray, Robin.
Honey, Eric M. O., and Hardy.
Longaker, Edgar L.
Miley, Albert M., and White.
Electrical Engineers Equipment Company, assignee: *See*—
Farrell, Fred.
Electrical Products Corporation, assignee: *See*—
Brown, Ralph.
Owen, Harold R.
Electricite de France, assignee: *See*—
Chevallier, Andre.
Electricity Meter Manufacturing Company Pty. Limited, assignee: *See*—
Lindley, Alan B., and Hemmens.
Electrimatic Company, assignee: *See*—
Beekley, Henry L.
Electro Arc Manufacturing Company, assignee: *See*—
Kumler, Roy W.
Electrographic Corporation, assignee: *See*—
Lomax, John.
Reilly, Edward H.
Electro-Hydraulics Limited, assignee: *See*—
Caldwell, Harry B.
Hackney, Stanley.
Orloff, George, and Neilson.
Perdue, Jack, and Hackney.
Electrol Incorporated, assingee: *See*—
Ashton, Benjamin N.
Ashton, Benjamin N., and Barkow.
Electrolux Corporation, assignee: *See*—
Anderson, Emil.
Beede, Arnold H.
Beede, Arnold H., and Borkowski.
Brown, Raymond L.
Cranmer, George H.
Ferraris, John T.
Kowalewski, John J.
Lofgren, Gustaf E.
Poole, Foy M., and Foye.
Wahlberg, Eric C.
Electro Manganese Corporation, assignee: *See*—
Hammerquist, William L.
Wanamaker, Elmer M., Hammerquist, and Morgan.
Electro Manufacturing Corporation, assignee: *See*—
Schoenbrod, Leslie K.
Electro-Mechanical Research, Inc., assignee: *See*—
Carter, William H., Jr.
Huston, Owen H., and John.
Electromode Corporation, assignee: *See*—
Mast, Lowell R., and Craig.
Electron, Inc., assignee: *See*—
Gelzer, John R.
Electronbeam, Ltd., assignee: *See*—
Ziebolz, Herbert
Electronic Chemical Engineering Company, assignee: *See*—
Smith, Kenneth A., and Grinnell.
Electronic Distributors Inc., assignee: *See*—
Wenger, Frank J.
Electronic Irradiation, Inc., assignee: *See*—
Machinist, Harold I.
Electronic Medical Foundation, assignee: *See*—
Hart, Fred J.
Electronic Systems Corporation, assignee: *See*—
Lorenzen, Robert.
Spiegel, Stanley.
Electronic Tester of Gas Meters, Inc., assignee: *See*—
Burch, Edson P.
Watson, Philip R.
Electronic Timer Company, Inc., assignee: *See*—
Armagost, Harold C.
Electronic Tube Corporation, assignee: *See*—
Silverman, Martin.
Electronics Research, Inc., assignee: *See*—
Baldridge, Bernard H.
Electrons, Incorporated, assignee: *See*—
Brown, Warren G.
Edwards, Donald V., and Smith.
Smith, Earl K.
Electro Products Laboratories, Inc., assignee: *See*—
Elam, David L.
Electro Refractories & Alloys Corporation, assignee: *See*—
Leitten, Carl F., and Campbell.
Electro Specialty Manufacturing Co., Inc., assignee: *See*—
Olson, Carl W., and W. A.
Electro Voice Inc., assigne: *See*—
Wiggins, Alpha M.
Wiggins, Alpha M., and Lewis.
Elematic Equipment Corporation, assignee: *See*—
Ekstrom, Robert E.
Elfes, Lee E., assignor to Harry Ferguson, Inc., Detroit, Mich. Step plate. 2,545,139, Mar. 13.
Elgear, Frederick N.: *See*—
Greaves, Pulford J., and Elgear.
Elgin National Watch Company, assignee: *See*—
Barker, George E.
Barker, George E., and Alter.
Ensign, George, Hoppe, and Soper.
Wilkening, Edward H.
Wochos, Wenzel M., Jr., and Waindle.
Elgin Softener Corporation, assignee: *See*—
McGill, Chester T., and Mansen.
Elgin Sweeper Company, assignee: *See*—
Carlson, Arthur E., and Mott.
Mott, Carl W.
Elias-Reyes, Francisco, San Salvador, El Salvador. Pneumatic wheel. 2,543,156, Feb. 27.
Elias-Reyes, Francisco, San Salvador, El Salvador. Metrographical table. 2,553,705, May 22.
Eliason, Carl H.: *See*—
Morris, Harrison D., and Eliason.
Eliason, Clarence: *See*—
Mason, John E., and Eliason.
Eliason, Joseph B., Minneapolis, Minn. Distance and angle measuring instrument. 2,536,359, Jan. 2.
Elie, Maurice, Paris, France, assignor to Compagnie Generale de Telegraphie Sans Fil. Pulse generator. 2,572,707, Oct. 23.
Elin Aktiengesellschaft für elektrische Industrie, assignee: *See*—
Senft, Willibald.
Eliot, Van Cortlandt, Garden City, N. Y. Dental impression tray. 2,549,184, Apr. 17.
Elisabeth, Armand and G. B., Brussels, Belgium. Apparatus for holding documents for manifold writing. 2,579,808, Dec. 25.
Elisabeth, Germaine B.: *See*—
Elisabeth, Armand and G. B.
Elite, sdruzene tovarny puncoch, narodni podnik, assignee: *See*—
Piller, Bohumil, Zmatlík, Pinkava and Starý.
Eljer Company, assignee: *See*—
Crane, Raymond E., and Hendrickson.
De Grave, Marvin F.
Elkington, Edward T., Warsaw, Ind. Vegetable slicing knife. 2,556,528, June 12.
Elkington, Vivian, Watford, England. Manhole and inspection cover and frame. 2,545,771, Mar. 20.
Elkins, Edgar A., assignee: *See*—
Hatfield, Loran W.
Elkins, Hervey B.: *See*—
Clay, John P., and Elkins.
Elkins, Lloyd E., assignor to Stanolind Oil and Gas Company, Tulsa, Okla. Well testing apparatus. 2,564,198, Aug. 14.
Elkins, Robert H.: *See*—
Gamson, Bernard W., and Elkins.
Ell, Lars J. F., assignor to Aktiebolaget Elektrolux, Stockholm, Sweden. Electric motor. 2,570,222, Oct. 9.
Ell, Lars J. F., assignor to Aktiebolaget Elektrolux, Stockholm, Sweden. Screw attachment for sausage stuffers. 2,572,917, Oct. 30.
Ellcock, Arthur W.: *See*—
Rix, John R., and Ellcock.
Ellcon Company, The, assignee: *See*—
Mersereau, Everard C.
Elle, Bruce L., and J. C. Haelen, assignors to Eastman Kodak Company, Rochester, N. Y. Microcard holder for viewers. 2,559,858, July 10.
Ellefson, Bennett S., Bayside, N. Y., assignor to Sylvania Electric Products, Inc. Luminescent zinc fluoride and preparing same. 2,537,262, Jan. 9.
Ellefson, Bennett S., Bayside, N. Y., assignor to Sylvania Electric Products, Inc. Luminescent materials and manufacture. 2,542,122, Feb. 20.
Ellefson, Maurice W., Alden, Iowa. Bale loader. 2,551,427, May 1.
Ellefson, Theodore R., assignor of one-third to H. H. Singer and one-third to M. P. Felman, Dayton, Ohio. Electric organ. 2,545,023, Mar. 13.
Elleman, Tom, Port Washington, Wis., assignor, by mesne assignments, to The Seng Company, Chicago, Ill. Base for swivel chairs. 2,561,102, July 17.
Ellenbogen, Joseph, London, England. Repeatedly ignitable composition rod. 2,545,076, Mar. 13.

Ellenburg, Arthur M., Anniston, Ala., assignor to Monsanto Chemical Company, St. Louis, Mo. Compositions of matter comprising halogenated organic compounds. 2,573,894, Nov. 6.
Eller, Harry E., Chicago, Ill. Motion-picture projection screen stand. 2,549,584, Apr. 17.
Eller, Keith B., Tenafly, assignor to Bendix Aviation Corporation, Teterboro, N. J. Servo system with fine and coarse adjustment. 2,561,654, July 24.
Eller, Marlin, Deerfield Beach, Fla. Weed chopper. 2,558,241, June 26.
Ellerbeck, Grant C., San Leandro, Calif., assignor to Friden Calculating Machine Co., Inc. Power-operated sign adjusting means. 2,539,948, Jan. 30.
Ellerbeck, Thomas R., Salt Lake City, Utah. Variable discharge mechanism. 2,577,315, Dec. 4.
Ellerhorst, Howard, Jr., Cincinnati, Ohio, assignor to Interchemical Corporation, New York, N. Y. Polysiloxane resin containing an aryl phosphinic acid or diaryl ester thereof. 2,553,643, May 22.
Ellery, Emmett C., North Hollywood, Calif. Orthopedic drop-foot brace. 2,567,195, Sept. 11.
Ellery, Emmett C., Hollywood, Calif. Stirrup for orthopedic braces. 2,573,698, Nov. 6.
Ellestad, Reuben B., and B. R. Babbitt, assignors to Metalloy Corporation, Minneapolis, Minn. Lithium cobaltite. 2,545,424, Mar. 13.
Ellestad, Reuben B., R. M. Stewart, and B. R. Babbitt, assignors to Metalloy Corporation, Minneapolis, Minn. Lithium manganite and producing same. 2,562,705, July 31.
Ellett, Alexander, River Forest, Ill., assignor to Zenith Radio Corporation. Piezoelectric transducer and producing same. 2,540,194, Feb. 6.
Ellett, Alexander, River Forest, Ill., and M. M. Hubbard, Marblehead, Mass., assignors to Zenith Radio Corporation. Coded-signal receiver with revertive signaling. 2,545,770, Mar. 20.
Ellingboe, Ellsworth K., assignor to E. I. du Pont de Nemours and Company, Wilmington, Del. Copolymers of vinyl chloride, allyl glycidyl ether, and allyl esters of hydroxyalkanoic acids. 2,562,897, Aug. 7.
Ellingboe, Ellsworth K., and M. J. Roedel, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Vinyl chloride-alkoxymethoxyalkyl vinyl ether copolymer. 2,563,459, Aug. 7.
Ellinger, Flora H., Chicago, Ill. Soap dispensing fountain brush and flow control valve. 2,557,267, June 19.
Ellingsen, Erling S., assignee: *See*—
Refsdal, Anfinn.
Ellingson, La Verne O., assignor to Lowell and Grayson Manufacturing Company, Monrovia, Calif. Whistling cap for gas appliances. 2,549,300, Apr. 17.
Elliott Bay Mill Co., assignee: *See*—
Miller, William J., and Johnson.
Elliott, Brantford G.: *See*—
Scranton, Charles J., and Elliott.
Elliott Bros. (London) Limited, assignee: *See*—
Petch, Herbert S.
Elliott Brothers (London) Limited, assignee: *See*—
Petch, Herbert S.
Elliott, Burr B., and G. S. Allin, Seattle, Wash. Soil elevating and treating machine. 2,563,926, Aug. 14.
Elliott, Charles F., Fairfax, Va. Universal automobile cover. 2,570,533, Oct. 9.
Elliott, Clarence E., Kansas City, Kans. Hand-operated beater and mixer. 2,562,380, July 31.
Elliott, Clifton M., and E. P. Wise, Birmingham, assignors to Chrysler Corporation, Highland Park, Mich. Supercharged engine control. 2,559,859, July 10.
Elliott Company, assignee: *See*—
Davis, Hunt.
Dennison, Edward S.
Fisher, Samuel C., and Lynch.
Land, Malcolm L.
Roberts, Irving.
Steen-Johnson, Hall.
Elliott, Daniel O., South Bend, Ind. Air heating furnace dome construction. 2,574,024, Nov. 6.
Elliot, David, New York, N. Y. Inflatable globe and support therefor. 2,568,389, Sept. 18.
Elliott, Edsall D., Jr.: *See*—
Flowers, Ralph G., and Elliott.
Elliott, Floyd A., San Diego, Calif. Scooter starter unit. 2,576,582, Nov. 27.
Elliott, Gordon R.: *See*—
Harrington, Ferris T., Martin, Elliott, and Haisen.
Elliott, Harmon P., Watertown, Mass. Stencil-moistening apparatus. 2,536,541, Jan. 2.
Elliott, Harold E., and L. Mawbey, Leicester, England, assignors to United Shoe Machinery Corporation, Flemington, N. J. Folding machine. 2,552,544, May 15.
Elliott, Harold F., Belmont, Mass., assignor to Motorola, Inc. Program-timing mechanism. 2,561,187, July 17.
Elliott, Harold F., Palo Alto, Calif. Apparatus for positioning a rotary controlled element. 2,567,325, Sept. 11.
Elliott, Harold F., San Francisco, Calif., assignor to the United States of America as represented by the Secretary of War. Planetary variable speed friction transmission. 2,555,119, May 29.
Elliott, Harold V., and B. H. Short, Anderson, Ind., assignors to General Motors Corporation, Detroit, Mich. Vibrator. 2,541,223, Feb. 13.
Elliott, Homer C., Baltimore, Md. Fishing pole with automatic lure-casting attachments. 2,548,102, Apr. 10.
Elliott, Howard A.: *See*—
Simpkins, Robert L., Materka, and Elliott.
Elliott, Howard A., assignor to Essex Wire Corporation, Detroit, Mich. Sleeve type elbow terminal. 2,553,083, May 15.
Elliott, Howard A., assignor to Essex Wire Corporation, Detroit, Mich. Making sleeve-type elbow terminals. 2,565,599, Aug. 28.
Elliott, John S.: *See*—
Evans, Elliott A., and Elliott.
Elliott, Joseph B., Longview, Tex. Transport device for lawn mowers. 2,560,422, July 10.
Elliott, Lauren F., assignor to Weltronic Company, Detroit, Mich. Electrical control system. 2,540,514, Feb. 6.
Elliott Manufacturing Company, assignee: *See*—
Derderian, Edward J.
Elliott, Morris A., Baltimore, Md. Tube plug. 2,563,592, Aug. 7.
Elliott, Myron A., Washington, D. C. Gas analyzing apparatus. 2,555,327, June 5.
Elliott, Neil C., Bay Pines, Fla. Holder and dispenser for sterile hypodermic needles. 2,557,420, June 19.
Elliott, Raymond D., Long Beach, assignor, by mesne assignments, to Byron Jackson Co., Vernon, Calif. Gun perforator. 2,545,024, Mar. 13.
Elliott, Stanley B., Shaker Heights, and R. J. O'Hara, Maple Heights, assignors to Ferro Enamel Corporation, Cleveland, Ohio. Stabilized solutions of metallic salts. 2,572,803, Oct. 23.
Elliott, Thomas W.: *See*—
Roche, Alleman H., and Elliott.
Elliott, Thomas W., London, England, assignor to International Standard Electric Corporation, New York, N. Y. Party line telephone system. 2,551,588, May 8.
Elliott, William E., Clovis, N. Mex. Micrometer with magnetic V jaw. 2,572,999, Oct. 30.
Elliott, William H., Shorewood, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Electronic control for alternating current translating devices. Re. 23,410, Sept. 11.
Ellis, Alfred L., Atlanta, Ga. Shoe rack. 2,564,523, Aug. 14.
Ellis, Ann, Victoria, Hong Kong. Basket. 2,543,157, Feb. 27.
Ellis, Belvin B.: *See*—
Horstman, Clifford C., Burkhardt, and Ellis.
Ellis, C. R., United States Navy, and W. E. Frye, Washington, D. C. Electrical switch. 2,560,561, July 17.
Ellis, Carter D.: *See*—
Faber, Arthur F., and Ellis.
Ellis, Charles D., San Mateo, Calif. Animal trap. 2,566,176, Aug. 28.
Ellis, Daniel G., and J. C. Sharp, North Charleston, S. C., assignors to The Elwing Corporation, Wilmington, N. C. Awning for freight cars. 2,540,365, Feb. 6.
Ellis, Delbert: *See*—
Armstrong, George C., Basnett, and Ellis.
Ellis, Delbert, Beaver, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Magnet assembly for contactors. 2,550,110, Apr. 20.
Ellis Drier Company, The, assignee: *See*—
Ellis, Hubert C.
Ellis-Foster Company, assignee: *See*—
Hessel, Frederick A., and Canfield.
Hessel, Frederick A., and Rust.
Joy, Homer van B.
MacKenzie, Charles A.
MacKenzie, Charles A., and Schoffman.
Root, Frank B.
Rust, John B.
Rust, John B., and Canfield.
Rust, John B., and MacKenzie.
Rust, John B., and Spialter.
Ellis, Grenville B., Red Bank, N. J., assignor to the United States of America, as represented by the Secretary of the Army. Dry battery cell. 2,572,017, Oct. 23.
Ellis, Grenville B., Red Bank, N. J., assignor to the United States of America as represented by the Secretary of the Army. Sealing device for dry cells. 2,575,337, Nov. 20.
Ellis, Harry E.: *See*—
Ellis, Hubert E. and Harry E.
Ellis, Howard C., assignee, trustee: *See*—
Pfister, Lois.
Ellis, Hubert C., Evanston, assignor to The Ellis Drier Company, Chicago, Ill. Drying tumbler having operation sequence controls. 2,570,437, Oct. 9.
Ellis, Hubert E., San Diego, Calif., and Harry E. Ellis, Yuma, Ariz. Apparatus for handling and loading citrus fruit. 2,562,539, July 31.
Ellis, James H.: *See*—
Everett, Clyde S., and Ellis.
Ellis, John H., Detroit, Mich. Fishing shelter or the like. 2,546,588, Mar. 27.
Ellis, Joseph F., Danbury, Conn. Fur carroting machine. 2,572,125, Oct. 23.
Ellis, Lacoste G., Beaumont, Tex., assignor to Sun Oil Company, Philadelphia, Pa. Seismographic prospecting. 2,569,411, Sept. 25.
Ellis, Leo J., Medford, Mass. Machinist's gauge. 2,547,114, Apr. 3.

Ellis, Leonard G., Barnet, assignor to Expandex Visible Filing Company Limited, London, England. Device for use with suspension file. 2,563,226, Aug. 7.
Ellison, Leslie J.: *See*—
Richards, Edward A., and Ellison.
Ellis, Max H., Huntington Park, Calif. Intake manifold for internal-combustion engines. 2,573,095, Oct. 30.
Ellis, Reuben F., Irving, Tex. Animal horn weight. 2,541,224, Feb. 13.
Ellis, Reuben F., Irving, Tex. Cattle horn trainer. 2,541,226, Feb. 13.
Ellis, Richard B., Miami, Fla., assignor to Corning Glass Works, Corning, N. Y. Making electrically conducting glass and articles made therefrom. 2,556,616, June 12.
Ellis, Roger G.: *See*—
Davis, Clyde W., Ehlers, and Ellis.
Ellis, William D., Atlanta, Ga. Laundry net. 2,544,223, Mar. 6.
Ellis, William H., North Hollywood, Calif. Keyed building block wall. 2,552,712, May 15.
Ellis, William P., Palo Alto, Calif., assignor to General Motors Corporation, Detroit, Mich. Oil burner pump. 2,544,144, Mar. 6.
Ellison, Clarence M., New Britain, assignor of one-half to A. Holmquist, Kensington, Conn. Combined plow and harrow. 2,555,438, June 5.
Ellison, Lynn E., Crystal Lake, assignor to The Pure Oil Company, Chicago, Ill. Electrical fuel weighing device. 2,571,695, Oct. 16.
Ellison, Lynn E., and R. R. Proctor, Evanston, assignors to The Pure Oil Company, Chicago, Ill. Electronic tachometer. 2,574,551, Nov. 13.
Ellison, Michael C., Arlington, Va., assignor to Engineering and Research Corporation, Riverdale, Md. Radio beacon simulating system. 2,563,777, Aug. 7.
Ellison, Norman L., Frederick, Okla. Automobile attachable garment hanger. 2,557,537, June 19.
Ellison, Samuel H., Riverside, assignor to Tru-Ade, Inc., Chicago, Ill. Sirup agitator for liquid dispensing devices. 2,548,597, Apr. 10.
Ellison, Stanley R., Short Hills, assignor to Wilbur B. Driver Company, Newark, N. J. Bar grinding apparatus. 2,558,943, July 3.
Ellison, Wallace D., West Los Angeles, Calif. Lever mounted double pawl alternately gripping ring and sun gear. 2,542,015, Feb. 20.
Ellison, Walter: *See*—
Franklin, Eugene T., Sr., and Ellison.
Ellman, Jack I., Washington, D. C. Alarm signal box. 2,553,244, May 15.
Ellms, Robert W., Lakewood, assignor to The Osborn Manufacturing Company, Cleveland, Ohio. Reservoir exhaust for core blowing machines. 2,545,944, Mar. 20.
Ellor, Joseph W., East Orange, N. J. Automatic transmission mechanism. 2,569,981, Oct. 2.
Ells, Leslie D., and L. D. McJilton, Los Angeles, Calif. Electric outlet box connector. 2,566,060, Aug. 28.
Ellsworth, Carl E., Louisville, and A. E. Gilbert, near Louisville, assignors to The Girdler Corporation, Louisville, Ky. Transfer switch for high-frequency heating systems. 2,543,768, Mar. 6.
Ellsworth, Louis D., Manhattan, Kans., and C. A. Washburn, Chicago, Ill., assignors, by mesne assignments, to the United States of America as represented by the Secretary of the Army. Saw-tooth wave generator. 2,562,305, July 31.
Ellsworth, Ransom C., Leroy, assignor to The Ohio Boxboard Company, Rittman, Ohio. Folding carton. 2,547,628, Apr. 3.
Ellwein, Fred, Sidney, Mont. Animal trap. 2,544,145, Mar. 6.
Elm, Joseph G., Philadelphia, Pa. Automatic lid closer for receptacles. 2,565,361, Aug. 21.
Elmendorf, Armin, Winnetka, Ill. Drying hardwood. 2,556,686, June 12.
Elmendorf, Armin, Winnetka, Ill. Plywood panel. 2,564,055, Aug. 14.
Elmendorf, Armin, Winnetka, Ill. Making a flexible wood floor covering. 2,569,709, Oct. 2.
Elmendorf, Armin, Winnetka, Ill. Machine for making flexible wood filaments. 2,570,926, Oct. 9.
Elmer, George P., Monaca, assignor to Pittsburgh Screw and Bolt Corporation, Pittsburgh, Pa. Thread protector. 2,543,960, Mar. 6.
Elmer, Jackson, New Orleans, La. Catchless pull toy. 2,558,348, June 26.
Elmer, Lloyd A.: *See*—
Clarke, Harry R., Elmer, Herckmans, and Walter.
Elmer, Robert B., Grand Rapids, Mich. Grill. 2,536,630, Jan. 2.
Elmer, William B., Aurora, Ontario, Canada. Heat control system. 2,570,331, Oct. 9.
Elmer, William B., Boston, Mass., and R. R. Rimer, Sharon, Pa., assignors by mesne assignments to the United States of America as represented by the Secretary of the Navy. Pneumatically actuated operator for removing rip covers from tanks. 2,547,309, Apr. 3.
Elmqvist, Rune, Bromma, Sweden. Measuring instrument of the recording type. 2,566,443, Sept. 4.
Elms, Robert, Cricklewood, England. Date indicator. 2,561,790, July 24.
Elofson, Harry, East Grand Forks, Minn. Straw breaking and spreading attachment for combines. 2,554,669, May 29.
Eloranta, Vaito K., Boston, assignor to Polaroid Corporation, Cambridge, Mass. Variable density goggle. 2,565,362, Aug. 21.
Elrod, Joseph E., Jr., Henderson, N. C. Balancing means for rotary structures. 2,543,447, Feb. 27.
Elsaesser, Frank S., Cincinnati, Ohio. Ground meat patty forming machine. 2,545,451, Mar. 20.
Elsaesser, Frank S., Cincinnati, Ohio. Hamburg steak patty forming machine. 2,546,497, Mar. 27.
Elsaesser, Frank S., Cincinnati, Ohio. Forming ground meat patties. 2,580,008, Dec. 25.
Elsberg, John, New York, N. Y. Keyhole lock. 2,577,956, Dec. 11.
Else, Harry D.: *See*—
Carter, Leroy C., and Else.
Miner, John D., Jr., and Else.
Else, Harry D., Lima, Ohio, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Speed-limiting device for dynamoelectric machines. 2,550,111, Apr. 24.
Else, Harry D., Lima, and D. E. Fritz, Cleveland, Ohio, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Explosion-proof dynamoelectric machine. 2,542,016, Feb. 20.
Elsenheimer, Charles W., assignor to The Charles Parker Company, Meriden, Conn. Nonblurrable mirror. 2,564,836, Aug. 21.
El Sereno Machine Works, assignee: *See*—
Arant, Perry.
Elsey, Howard M., Oakmont, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Noncorroding arcing circuit interrupting device. 2,558,076, June 26.
Elsheimer, Roscoe: *See*—
Kerr, Charles E., and Elsheimer.
Elsner, Edwin C., Burbank, assignor to C. J. W. Corporation, North Hollywood, Calif. Quick-release automatic strap buckle. 2,538,641, Jan. 16.
Elsom, James D.: *See*—
McKee, Albert E., and Elsom.
Mossman, John E., and Elsom.
Elson, William O., Chicago, Ill., assignor to The Kendall Company, Boston, Mass. Antibacterial composition. 2,571,849, Oct. 16.
Elstad, Clayton M., Minneapolis, Minn. Electric marking machine. 2,569,807, Oct. 2.
Elstad, Lester L., Minneapolis, Minn. Outlet box support. 2,555,923, June 5.
Elsworth, John V. V., Watertown, N. Y., assignor to The New York Air Brake Company. Multiple unit locomotive brake with release signal. 2,540,078, Feb. 6.
Elsworth, John V. V., Watertown, N. Y., assignor to The New York Air Brake Company. Lag-responsive protection device. 2,548,005, Apr. 10.
Eltenton, George C., Berkeley, assignor to Shell Development Company, San Francisco, Calif. Refractive index measurement of fluids. 2,569,127, Sept. 25.
Elterman, Adolph, deceased, Belmar, and H. P. Peshkin, Asbury Park, N. J.; J. Elterman, administratrix of said A. Elterman. Fruit juice machine. 2,560,096, July 10.
Elterman, Daniel, Northport, L. E. Elterman, East Northport, and W. Elterman, Brooklyn, N. Y. Holder for collapsible tubes. 2,544,751, Mar. 13.
Elterman, Jennie, administratrix: *See*—
Elterman, Adolph, and Peshkin.
Elterman, Leonard E.: *See*—
Elterman, Daniel, L. E., and W.
Elterman, Walter: *See*—
Elterman, Daniel, L. E., and W.
Eltgroth, George V., Towson, Md., assignor to Bendix Aviation Corporation, New York, N. Y. Fluid testing apparatus. 2,568,277, Sept. 18.
Elton, Robert: *See*—
Thomas, Orrin H., and Elton.
Elverum, Gerard W., Minneapolis, Minn., assignor to General Mills, Inc. High-speed pulverizer. 2,552,037, May 8.
Elvin, William J., and G. L. McLuckie, Frostburg, Md., assignors to Celanese Corporation of America. Tape belt. 2,543,903, Mar. 6.
Elvin, William J., Frostburg, and F. W. Schulte, Cumberland, Md., assignors to Celanese Corporation of America. Yarn package support. 2,562,306, July 31.
Elward, Nye K., Altadena, Calif. Hair pin opener. 2,561,655, July 24.
Elwell-Parker Electric Company, The, assignee: *See*—
Abbe, Edward J.
Elwell, William E., Berkeley, assignor to California Research Corporation, San Francisco, Calif. Separating the 3,5-dimethyl 1-ethyl benzene from other ethyl xylenes. 2,541,595, Feb. 13.
Elwell, William E., Berkeley, assignor to California Research Corporation, San Francisco, Calif. Producing 3,4-dimethyl 1-ethyl benzene. 2,578,294, Dec. 11.
Elwell, William E., Berkeley, and Z. H. Ballmer, Jr., Lafayette, assignors to California Research Corporation, San Francisco, Calif. Aliphatic unsaturated, branched-chain siccatives. 2,561,791, July 24.
Elwell, William E., Berkeley, Calif., and A. J. Castro, Tucson, Ariz., assignors to California Research Corporation, San Francisco, Calif. Producing 3,5-dimethyl 1-ethyl benzene. 2,563,826, Aug. 14.

Elwell, William E., and R. L. Meier, Berkeley, assignors to California Research Corporation, San Francisco, Calif. Styrene-butadiene copolymer and preparing same. 2,563,997, Aug. 14.
Elwing Corporation, The, assignee: *See*—
Ellis, Daniel G., and Sharp.
Ely, George W., St. Petersburg, Fla. Constant pressure centrifugal pump. 2,574,631, Nov. 13.
Ely, Helen G., Rutherford, N. J. Catamenial device. 2,536,631, Jan. 2.
Emanuel, Walter A., K. O. Sweeney, and C. Weis, Anaconda, Mont., assignors to Anaconda Copper Mining Company, New York, N. Y. Cathode. 2,536,877, Jan. 2.
Emanuelsson, Gunnar G., assignor to Telefonaktiebolaget L M Ericsson, Stockholm, Sweden. Device for generation and modulation of impulses. 2,578,467, Dec. 11.
Emberson, Keith L., assignor to Wingfoot Corporation, Akron, Ohio. Resilient seat. 2,545,513, Mar. 20.
Emberson, Keith L., assignor to Wingfoot Corporation, Akron, Ohio. Seat combination. 2,564,621, Aug. 14.
Embree, Craige L., assignor to M. Bogaev, Philadelphia, Pa. Furniture assembly bracket. 2,545,347, Mar. 13.
Embree, Leland F., Ames, and L. D. Niswander, Des Moines, Iowa. Fishing tackle. 2,562,605, July 31.
Embrey, Webb, St. Joseph, Mo. Combined walking cane and instrument support. 2,548,711, Apr. 10.
Embury, Aymar, II, New York, N. Y. Door. 2,571,696, Oct. 16.
Emde, Kurt, Itasca, Ill., assignor to Zenith Radio Corporation. Record changing mechanism. 2,561,792, July 24.
Emde, Kurt, Itasca, and R. A. Mullaney, Elmwood Park, Ill., assignors to Zenith Radio Corporation. Record changing means. 2,555,478, June 5.
Emerol Manufacturing Co., Inc., assignee: *See*—
Pierce, Clayton B.
Emerson, Alfred, Jr., New York, N. Y., and F. L. A. Schmidt, Westfield, N. J., assignors to Cottage Donuts, Inc., New York, N. Y. Water tempering and measuring system. 2,550,050, Apr. 24.
Emerson, Cherry L., Jr., Newton Highlands, assignor to Emerson & Cuming Company, Boston, Mass. Electrolytic production of polyhydric alcohols. 2,561,656, July 24.
Emerson, Cherry L., Jr., Newton Highlands, and W. R. Cuming, Boston, assignors to L. L. Witter, as trustee. Hand cleaning tablet. 2,560,097, July 10.
Emerson & Cuming Company, assignee: *See*—
Emerson, Cherry L., Jr.
Emerson Drug Company of Baltimore City, The, assignee: *See*—
Krantz, John C., Jr.
Emerson Electric Manufacturing Company, The, assignee: *See*—
Dederick, Clinton H.
Veltman, John C., and Michelsen.
Emerson, Elizabeth K., executrix: *See*—
Emerson, Walter H.
Emerson, Frank P., Los Angeles, Calif. Dispensing unit for vending machine having a metering trap chamber rotative about a vertical axis. 2,552,413, May 8.
Emerson, John F., Hasbrouck Heights, assignor to Bendix Aviation Corporation, Teterboro, N. J. Magnetic pick-up device. 2,554,246, May 22.
Emerson, John H., Cambridge, Mass. Apparatus for measuring the volumes of periodically recurring fluid flows. 2,569,849, Oct. 2.
Emerson, Kenneth H., assignor, by mesne assignments, to Philco Corporation, Philadelphia, Pa. Superregenerative receiver. 2,536,801, Jan. 2.
Emerson, Robert L.: *See*—
Whiffen, Alma J., Emerson, and Bohonos.
Emerson, Walter H., deceased; by E. K. Emerson, executrix, Liverpool Township, Columbiana County, Ohio, assignor to The Homer Laughlin China Company, Newell, W. Va. Article handling apparatus. 2,555,227, May 29.
Emerson, William S., and T. M. Patrick, Jr., Dayton, Ohio, assignors to Monsanto Chemical Company, St. Louis, Mo. Preparation of 2-thenoylacetonitriles. 2,540,982, Feb. 6.
Emerson, William S., and T. M. Patrick, Jr., Dayton, Ohio, assignors to Monsanto Chemical Company, St. Louis, Mo. 2-vinylthiophene from thiophene by chloroethylation and dehydrohalogenation. 2,547,905, Apr. 3.
Emerson, William S., and R. A. Heimsch, Dayton, Ohio, assignors to Monsanto Chemical Company, St. Louis, Mo. Liquid phase oxidation. 2,552,267, May 8.
Emerson, William S., and R. A. Heimsch, Dayton, Ohio, assignors to Monsanto Chemical Company, St. Louis, Mo. Liquid phase oxidation. 2,552,268, May 8.
Emerson, William S., and R. A. Heimsch, Dayton, Ohio, assignors to Monsanto Chemical Company, St. Louis, Mo. Plasticized polyvinyl halides. 2,552,269, May 8.
Emerson, William S., and T. M. Patrick, Jr., Dayton, Ohio, assignors to Monsanto Chemical Company, St. Louis, Mo. 5-halo-2-vinylthiophenes. 2,556,419, June 12.
Emerson, William S., T. C. Shafer, and R. A. Heimsch, Dayton, Ohio, assignors to Monsanto Chemical Company, St. Louis, Mo. Preparation of dibasic aromatic acids by oxidation. 2,559,147, July 3.
Emerson, William S., and T. M. Patrick, Jr., Dayton, Ohio, assignors to Monsanto Chemical Company, St. Louis, Mo. 4-(2′-thienyl)-2-mercaptothiazoles. 2,563,401, Aug. 7.
Emerson, William S., and T. M. Patrick, Jr., Dayton, Ohio, assignors to Monsanto Chemical Company, St. Louis, Mo. Preparing 2-thenyl alcohols. 2,572,708, Oct. 23.
Emerson, William S., and T. M. Patrick, Jr., Dayton, Ohio, assignors to Monsanto Chemical Company, St. Louis, Mo. Thenalmalononitriles. 2,572,709, Oct. 23.
Emerson, William S., and T. C. Shafer, Dayton, Ohio, assignors to Monsanto Chemical Company, St. Louis, Mo. Preparation of terephthalic acid. 2,572,710, Oct. 23.
Emerson, William S., and R. I. Longley, Jr., Dayton, Ohio, assignors to Monsanto Chemical Company, St. Louis, Mo. Allyl isothiocyano ethers. 2,577,409, Dec. 4.
Emery, Alfred H., assignor to Standard Gage Company, Inc., Poughkeepsie, N. Y. Adaptor for snap gauges. 2,580,009, Dec. 25.
Emery, Alfred H., Poughkeepsie, and J. E. Delaney, Rhinebeck, assignors to Standard Gage Company, Poughkeepsie, N. Y. Dial snap gauge. 2,555,120, May 29.
Emery, Alfred H., Wappingers Falls, J. J. Bishop, and E. M. Boat, assignors to Standard Gage Company, Inc., Poughkeepsie, N. Y. Precision dial indicator. 2,563,402, Aug. 7.
Emery, Byron, Hayward, and W. L. Elder, Richmond, assignors to Cutter Laboratories, Berkeley, Calif. Ampoule filling machine. 2,544,416, Mar. 6.
Emery, Charles H., Milwaukee, Wis. Fastener extractor. 2,563,227, Aug. 7.
Emery Industries, Inc., assignee: *See*—
Goebel, Charles G.
Kamlet, Jonas.
Myers, Latimer D.
Emery, Ralph W., Texas City, Tex. Contractile reel. 2,555,790, June 5.
Emery, Weldon C., Des Moines, assignor to Burlington Instrument Company, Burlington, Iowa. Detachable lamp assembly for illuminating instruments. 2,576,583, Nov. 27.
Emery, Wilson W., Glen Ellen, Calif. Air pressure relief for enclosures. 2,573,419, Oct. 30.
Emery's, Thos. Sons, Incorporated, assignee: *See*—
Rega, Fred L., and Hartmann.
Emhart Manufacturing Company, assignee: *See*—
Baker, Theodore C.
Cannon, Madison M., Jr.
Cannon, Madison M., Jr., and Light.
Clark, Stanley P.
Dahms, Francis A.
Dailey, Francis N.
Hiller, Everett O.
Koob, Bernard H.
Kretzmer, Minor G., Jr.
Lyle, Aaron K.
Mongan, Charles E., Jr., and Mueller.
Morcom, Richard J.
Mylchreest, George D.
Raesler, John L.
Rowe, George E.
Russell, Alan W.
Spigener, William P.
Storrs, William H.
Westin, Daniel B.
Emigh, Harold E., Norwalk, Calif. Aircraft landing gear strut. 2,542,123, Feb. 20.
Emley, Edward F.: *See*—
Jessup, Alfred C., Emley, and Fisher.
Emmanouilidis, Polychronis A., assignor of twenty-five per cent to J. P. Pandazides, Quantico, Va. Hammer mill with concentric screens for separating varied sizes of finished material. 2,557,865, June 19.
Emmart, John S., San Francisco, Calif., assignor to Italian Swiss Colony. Wine bottle rack. 2,558,611, June 26.
Emmer, Charles E., assignor to General Binding Corporation, Chicago, Ill. Binder element. 2,543,158, Feb. 27.
Emmer, Charles E., assignor to General Binding Corporation, Chicago, Ill. Portable punching machine. 2,558,044, June 26.
Emmer, Charles E., and L. A. Valli, assignors to General Binding Corporation, Chicago, Ill. Binding. 2,555,534, June 5.
Emmerson, Thomas H. R., Gerrards Cross, England. Road sign. 2,558,944, July 3.
Emmert, Clayton F., assignor to Automatic Washer Company, Newton, Iowa. Wringer. 2,561,567, July 24.
Emmert, George W.: *See*—
Foley, Thomas J., and Emmert.
Emmett Machine & Manufacturing, Inc., assignee: *See*—
Sutherland, Eugene B.
Emmick, Robert D., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Resolution of lysine. 2,556,907, June 12.
Emmick, Robert D., and K. O. Hambrock, Niagara Falls, and A. O. Rogers, Lewiston, N. Y., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Racemization of lysine. 2,536,360, Jan. 2.
Emming, Bernard: *See*—
Van Uum, John H., Emming, and Lohr.

Emmons, Arthur N., Nedrow, assignor to Porter-Cable Machine Company, Syracuse, N. Y. Radial arm type sawing device. 2,556,137, June 5.
Emmons, Willard O.: *See*—
Rogers, Philip S., Emmons, Godfrey, and Kelso.
Emmons, William J., Oakland, and B. S. Gallagher, Piedmont, assignors to Salter Machine Co., Oakland, Calif. Canning method for tomatoes and the like. 2,549,781, Apr. 24.
Emory, Frank N., Pittsburgh, Pa. Locomotive. 2,561,269, July 17.
Empire Blast Machine Company, assignee: *See*—
Andersen, Robert P.
Empire Box Corporation, assignee: *See*—
Hall, Maynard G., and Kowal.
Kowal, Michael H.
Empire Electric Brake Company, assignee: *See*—
Ingres, Jeannot G.
Stelzer, William.
Empire Ironer, Inc., assignee: *See*—
Getgey, John J.
Emrick, Ambrose A., assignor to United States Radiator Corporation, Detroit, Mich. Radiator bracket. 2,546,359, Mar. 27.
Emrick, Clyde L., Arlington Heights, assignor to Morris Paper Mills, Chicago, Ill. Bottle carrier. 2,565,449, Aug. 21.
Emrick, Melvin H., Jamaica, N. Y. Combination fixed and adjustable multiple device. 2,551,658, May 8.
Emrick, Melvin H., Jamaica, N. Y. Gearing for variable multiple heads. 2,551,659, May 8.
Emrick, Melvin H., Jamaica, N. Y. Tapping machine. 2,578,995, Dec. 18.
Emsco Derrick & Equipment Company, assignee: *See*—
Ashton, Albert A., and Amerman.
Webster, Samuel W.
Emslie, Alfred G., Boston Mass., assignor, by mesne assignments, to the United States of America as represented by the Secretary of War. Moving object radio pulse-echo system. 2,543,448, Feb. 27.
Emslie, Alfred G., Boston, Mass., assignor, by mesne assignments, to the United States of America as represented by the Secretary of War. Radio pulse-echo moving object detection system. 2,543,449, Feb. 27.
Emslie, Alfred G., Boston, Mass., assignor, by mesne assignments, to the United States of America as represented by the Secretary of War. Moving target indication radar system. 2,548,779, Apr. 10.
Emslie, Alfred G., Boston, Mass., assignor, by mesne assignments, to the United States of America as represented by the Secretary of War. Moving target indication radar system. 2,555,121, May 29.
Emulsol Corporation, The, assignee: *See*—
Harris, Benjamin R., and Joffe.
Enabnit, Robert S., Cuyahoga Falls, assignor to Wingfoot Corporation, Akron, Ohio. Apparatus for vulcanizing pneumatic tires with radio-frequency current. 2,541,644, Feb. 13.
Enabnit, Robert S., Cuyahoga Falls, assignor to Wingfoot Corporation, Akron, Ohio. Making air bag for use in high-frequency electrical vulcanization. 2,568,848, Sept. 25.
Enander, Arthur G., Rockford, Ill., assignor to Smith & Enander, Beloit, Wis. Bicycle coaster brake disk aligning tool. 2,546,665, Mar. 27.
Ender, Joseph J., Grand Rapids, assignor, by mesne assignments, to Crampton Manufacturing Company, Holland, Mich. Combined hinge, cover support, and check. 2,573,096, Oct. 30.
Endersby, Victor A., Lafayette, assignor to Shell Development Company, San Francisco, Calif. Driven well point. 2,578,996, Dec. 18.
Endicott Johnson Corporation, assignee: *See*—
Exley, Leo F.
Schultz, Edward L.
Endo Products, Inc., assignee: *See*—
Schoen, Karl.
Endres, Richard O.: *See*—
Eberhard, Everett, and Endres.
Endress, Chester S.: *See*—
Churchman, Charles L., and Endress.
Endsley, Louis E.: *See*—
Frost, Harry W., Jr., and Endsley.
Endsley, Louis E., Pittsburgh, Pa., assignor to Fairbanks, Morse & Co., Chicago, Ill. Piston cooling. 2,541,919, Feb. 13.
Endsley, Louis E., Pittsburgh, Pa., assignor to Fairbanks, Morse & Co., Chicago, Ill. Piston cooling. 2,571,022, Oct. 9.
Endsley, Louis E., Pittsburgh, Pa., assignor to The Frost Railway Supply Co., Detroit, Mich. Frictional car truck bolster. 2,571,225, Oct. 16.
Endsley, Louis E., Pittsburgh, Pa., and J. E. Justus, Beloit, Wis., assignors to Fairbanks, Morse & Co., Chicago, Ill. Control device for engine fuel systems. 2,566,083, Aug. 28.
Endsley, William H., Henderson, Tex. Well tubing plug. 2,536,431, Jan. 2.
Endter, Waldemar A., Long Beach, Calif. Latching mechanism. 2,569,040, Sept. 25.
Endter, Waldemar A., Long Beach, Calif. Latch. 2,569,041, Sept. 25.
Endter, Waldemar A., Long Beach, Calif. Lock control mechanism. 2,569,042, Sept. 25.
Endter, Waldemar A., Long Beach, Calif. Floating bolt latch. 2,569,043, Sept. 25.
Endter, Waldemar A., Long Beach, Calif. Latch safety catch. 2,569,044, Sept. 25.
Endter, Waldemar A., Long Beach, Calif. Latching mechanism for closures. 2,569,045, Sept. 25.
Endter, Waldemar A., Long Beach, Calif. Floating bolt latch mechanism. 2,569,046, Sept. 25.
Endter, Waldemar A., Long Beach, Calif. Vehicle door latch. 2,569,047, Sept. 25.
Enestvedt, Odean, Sacred Heart, Minn. Single-vaned rotary discharge assistant operable in a side outlet of a container for granular material, and a weighted apron engaging said vane in its outermost position. 2,546,733, Mar. 27.
Enfield Rolling Mills Limited, assignee: *See*—
Sykes, John.
Eng, Ivar A., Youngstown, Ohio. Curtain stretching tongs. 2,579,913, Dec. 25.
Engberg, Ralph E.: *See*—
Miller, Edward G., and Engberg.
Engebretson, John C., Montevideo, Minn. Anchoring device for checkrow wires. 2,544,260, Mar. 6.
Engel, Arthur, Milwaukee, Wis. Method and apparatus for cleaning the jackets of paint rollers. 2,542,491, Feb. 20.
Engel, Bruno K., Hoglandstorget, and F. T. E. Palmqvist, assignors to Aktiebolaget Separator-Nobel, Stockholm, Sweden. Refining mineral oils. 2,547,629, Apr. 3.
Engel, Edward G.: *See*—
Burns, James A., and Engel.
Engel, Edward G., Roselle, N. J., and J. A. Hufnagel, Mineola, assignors to Hydrocarbon Research, Inc., New York, N. Y. Air fractionating column and operating same. 2,550,679, May 1.
Engel, Fiesco B., Claremont, N. H., assignor to Joy Manufacturing Company. Chain tension adjusting device. 2,538,675, Jan. 16.
Engel, John B: *See*—
Peacock, Finley C., and Engel.
Engel, John B., assignor to Bay West Paper Company, Green Bay, Wis. Dispenser adapted to deliver individual sheets from a perforated and rolled web. 2,550,790, May 1.
Engel, Joseph M.: *See*—
Yates, Robert E., Engel, and Riesche.
Engel, Kurt, Basel, and C. J. Morel, Arlesheim, assignors to J. R. Geigy A. G., Basel, Switzerland. Substituted carbamic acid esters. 2,573,420, Oct. 30.
Engel, Otto, Twin Lake, assignor to Oilock Corporation, Muskegon, Mich. Bearing surface reconditioner. 2,552,545, May 15.
Engel, Raymond C., LaSalle, Ill. Shoulder guard. 2,551,255, May 1.
Engel, Walter, High Holborn, London, England. Surgical bandage. 2,563,593, Aug. 7.
Engel, Willem F.: *See*—
Houtman, Johannes P. W., Engel, Hoog, and van't Spijker.
Engel, Willem F., Amsterdam, Netherlands, assignor to Shell Development Company. San Francisco, Calif. Purifying gases. 2,537,448, Jan. 9.
Engel, Willem F., and H. Hoog, Badhuisweg, Netherlands, assignors to Shell Development Company, San Francisco, Calif. Production of secondary aliphatic amines from primary aliphatic amines. 2,574,693, Nov. 13.
Engelhard, Forrest, assignee: *See*—
Holstead, Forrest J.
Engelhardt, Henry A., Garwood, N. J. Educational device. 2,547,259, Apr. 3.
Engelhardt, Hugo, Philadelphia, Pa., and E. Collins, III, Woodcrest, N. J., assignors to The Philadelphia Thermometer Company, Philadelphia, Pa. Maximum temperature registering thermometer. 2,536,493, Jan. 2.
Engelkemeir, Donald W., Santa Fe, N. Mex., and N. Sugarman, Chicago, Ill., assignors to the United States of America as represented by the United States Atomic Energy Commission. Radiation detection and measuring apparatus and method. 2,574,632, Nov. 13.
Engelman, Abel, assignee: *See*—
Abler, Julius.
Engelman, Edmund, Elmhurst, assignor to Federal Telephone and Radio Corporation, New York, N. Y. Voltage regulator. 2,549,782, Apr. 24.
Engelmann, Herbert F., Mountain Lakes, N. J., assignor, by mesne assignments, to International Standard Electric Corporation, New York, N. Y. Amplitude modulation of magnetron. 2,576,108, Nov. 27.
Engelmann, Max, Wetzlar/Lahn, assignor to E. Leitz, G. m. b. H., Wetzlar, Germany. Frame for optical mirrors. 2,559,290, July 3.
Engeln, John, Vancouver, Wash. Cutting tool for strips of leather. 2,559,291, July 3.
Engeln, John H.: *See*—
Van Sittert, Paul, Garrett, and Engeln.
Engeln, John H., Cleveland, E. W. Lehman, East Cleveland, and L. G. Speth, assignors to The Cleveland Pneumatic Tool Company, Cleveland, Ohio. Rivet chuck. 2,540,572, Feb. 6.
Engels, Eugene O., and H. F. Tiedke, assignors to Baker Perkins Inc., Saginaw, Mich. Cake dough or batter depositor. 2,542,239, Feb. 20.
Engemann, Herbert H., Cleveland Heights, Ohio. Self-contained automatic valve tappet. 2,553,756, May 22.

Enger, Clifford E.: *See*—
Roberts, Benjamin K., and Enger.
Enger-Kress Company, assignee: *See*—
Pence, William A., and Spielmann.
Engh, Casper H., Fargo, N. Dak. Screw and nut mechanism. 2,543,100, Feb. 27.
Engh, Walter B., Alexandria, and C. W. Davis, Summitville, Ind., assignors to Aladdin Industries, Incorporated. Wick type liquid fuel burner. 2,540,719, Feb. 6.
Engholdt, Richard K., assignor to Erie Manufacturing Co., Milwaukee, Wis. Time-controlled valve. 2,556,908, June 12.
Engholm, Beatrice H., executrix: *See*—
Engholm, Bernard A.
Engholm, Bernard A., deceased, Shaker Heights, by B. H. Engholm, executrix, assignor to The Rola Company, Inc., Cleveland, Ohio. Loud-speaker of the double diaphragm type. 2,565,069, Aug. 21.
Engineered Products, Inc., assignee: *See*—
Jones, Andy, Kessels, and Ruggles.
Engineering Laboratories, Inc., assignee: *See*—
Pitcher, James W., and Callahan, Jr.
Engineering Laboratories, Incorporated, assignee: *See*—
Green, William G.
Engineering Manufacturing Co., assignee: *See*—
May, Ellwood H.
Stovern, Ingram V.
Engineering Research Associates, Inc., assignee: *See*—
Cohen, Arnold A., Keye, and Tompkins.
Gutterman, Robert P.
Engineering & Research Corporation, assignee: *See*—
Fagin, Samuel L.
Engineering and Research Corporation, assignee: *See*—
Ellison, Michael C.
Greene, William L.
Lane, Frank B.
Engineering Research Corporation, assignee: *See*—
Barret, William M.
Engineering Service, assignee: *See*—
Jewell, William E., Jr.
Engine Life Products Corporation, assignee: *See*—
Ogilvie, Frank R.
England, Frederick E., Homewood, assignor to Standard Oil Company, Chicago, Ill. Choke for abrasive fluids. 2,559,069, July 3.
England, Frederick E., Homewood, assignor to Standard Oil Company, Chicago, Ill. Horizontal transport of solids. 2,576,504, Nov. 27.
England, James M., Lebanon, Mo. Leg operated steering device for outboard motors. 2,543,490, Feb. 27.
Englander, Arthur R., University Heights, Ohio. Flatiron stand. 2,568,955, Sept. 25.
Englander Company, Inc., The, assignee: *See*—
Leven, Richard R.
Margiloff, Henry.
Paladino, Angelo R.
Engle, Charles E., Warren, Ohio. Milk can punch. 2,576,505, Nov. 27.
Engle, Charles J., Bartlesville, Okla., assignor to Phillips Petroleum Company. Manufacture of saturated hydrocarbon materials. 2,564,964, Aug. 21.
Engle, John B., Akron, Ohio. Wheel suspension for motor vehicles. 2,562,706, July 31.
Engle, Thomas M., assignor of thirty-three and one-third per cent to C. C. Calvert, Akron, and thirty-three and one-third per cent to T. D. Graffius, Cuyahoga Falls, Ohio. Wheeled supporting platform attachment unit for jacks. 2,563,927, Aug. 14.
Engler, Max, assignor to The General Tire & Rubber Company, Akron, Ohio. Mixing rubber and the like. 2,540,195, Feb. 6.
Engler, Max L., and R. M. Wormald, assignors to The General Tire and Rubber Company, Akron, Ohio. Machine for splicing inner tubes. 2,562,540, July 31.
Engler, Werner, Kusnacht, Switzerland. Device for braking motor vehicles. 2,539,994, Jan. 30.
Englert, Robert D.: *See*—
Pijoan, Michel, Englert, Gerjovich, and Hopwood.
English Electric Company Limited, The, assignee: *See*—
Binney, Eric A., and Roberts.
Caldbeck, Charles J.
Eastwood, Eric, Ferguson, and Brown.
Ferguson, John M., and Ball.
Hughes, John O. P.
Seewer, Paul W.
Shaw, Norman H.
Smart, David L.
Sterland, Ernest G.
Welsh, Robert J.
Welsh, Robert J., and Fitz Herbert.
Wilson, Graham R.
English Electric Valve Company Limited, assignee: *See*—
Randall, John T., and Boot.
Sayers, James.
English, Henry E., Tampa, Fla. Pedestal table with pivoted drop leaf and folding base. 2,576,287, Nov. 27.
English, Ray H., and N. B. and M. N. Ornitz, assignors to Blaw-Knox Company, Pittsburgh, Pa. High-temperature alloys. 2,540,107, Feb. 6.
English, Robert R., assignor to Motorola, Inc., Chicago, Ill. Reactance tube control for sawtooth generators. 2,566,762, Sept. 4.
English, Tully J., Buffalo, N. Y. Fishing line drying device. 2,550,791, May 1.
Englund, Edwin H. L., and H. C. Strohm, Muskegon Heights, Mich. Adjustable screw eye supporting plate. 2,551,428, May 1.
Engstrand, Gunnar C., assignor, by mesne assignments, to Frederic R. Harris, Inc., New York, N. Y. Floating dry dock. 2,576,928, Dec. 4.
Engstrom, Dorothy, administratrix: *See*—
Engstrom, Ivan.
Engstrom, Ernst F., Chicago, Ill. Multipiston motor or pump. 2,545,609, Mar. 20.
Engstrom, Ivan, deceased, Chicago, Ill.; D. Engstrom, administratrix of said I. Engstrom. Adding machine. 2,542,403, Feb. 20.
Engstrom, Oscar L., New York, N. Y. Hair clip. 2,574,144, Nov. 6.
Engstrom, Oscar L., New York, N. Y. Tourniquet clamp. 2,577,008, Dec. 4.
Engstrom, Ralph W., East Petersburg, Pa., assignor to Radio Corporation of America. Temperature compensation. 2,547,379, Apr. 3.
Enloe, Martin A., Kansas City, Mo. Circulating heater. 2,542,124, Feb. 20.
Ennis, George H. and W. W.; said W. W. Ennis assignor to R. V. Funk, Long Beach, Calif. Tank bleeder. 2,573,172, Oct. 30.
Ennis, William W.: *See*—
Ennis, George H. and W. W.
Enos, George S., St. John, New Brunswick, Canada. Determining the proper setting of moving picture projector equipment for minimum eye strain. 2,557,600, June 19.
Enos, John P., Union, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Hemstitching attachment for sewing machines. 2,553,514, May 15.
Enos, John P., Union, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Presser-foot mechanism for rug sewing. 2,560,334, July 10.
Enos, Julian R., San Luis Obispo, Calif. Front wheel drive. 2,548,356, Apr. 10.
Enos, Louis H., Montclair, N. J., assignor to Curtiss-Wright Corporation. Closure for hollow propeller blade tips. 2,544,450, Mar. 6.
Enos, Vern, assignee: *See*—
McAllister, Donald E.
Enrico, John C. and S. F., San Francisco, Calif. Shower massage glove. 2,562,418, July 31.
Enrico, Raymond J., Chisholm, assignor of twenty-five percent to C. A. Tomassoni, Bemidji, Minn. Plate for outboard motors. 2,570,332, Oct. 9.
Enrico, Stephanie F.: *See*—
Enrico, John C. and S. F.
Enright, Robert D., Calumet City, Ill. Collapsible lamp shade. 2,538,676, Jan. 16.
Enriquez, Henry, Los Angeles, Calif. Folding seat. 2,549,368, Apr. 17.
Ens, Emil J., assignor to Magnus Research, Inc., Newark, N. J. Adjustable cropping angle device. 2,560,937, July 17.
Ensey, Troy D., Scappoose, and M. Simmons, Portland, Oreg., said Ensey, assignor to said Simmons. Jack. 2,575,659, Nov. 20.
Ensign Carburetor Company, assignee: *See*—
Ensign, Paul W.
Ensign, Darwin A., assignor to Ensign Electric and Manufacturing Company, Huntington, W. Va. Power distribution system. 2,542,404, Feb. 20.
Ensign, Elbert E., Ypsilanti, assignor to Ford Motor Company, Dearborn, Mich. Process and apparatus for coining sintered articles. 2,542,912, Feb. 20.
Ensign, Elbert E., Ypsilanti, assignor to Ford Motor Company, Dearborn, Mich. Assembling torque converters. 2,542,913, Feb. 20.
Ensign, Elbert E., Ypsilanti, and R. A. Van Patten, Garden City, assignors to Ford Motor Company, Dearborn, Mich. Molding composition and making same. 2,539,408, Jan. 30.
Ensign Electric and Manufacturing Company, assignee: *See*—
Ensign, Darwin A.
Ensign, George G., R. C. Hoppe, and G. T. Soper, assignors to Elgin National Watch Company, Elgin, Ill. Chronometric circuit controller. 2,579,914, Dec. 25.
Ensign, Paul W., San Marino, assignor to Ensign Carburetor Company, Huntington Park, Calif. Accelerating device for gas pressure regulators used in engine feed systems. 2,563,228, Aug. 7.
Ensign Ribbon Burners, Inc., assignee: *See*—
Ensign, William B., and Wildermann.
Ensign, Wesley N., Jr., Babylon, N. Y. Mine. 2,569,808, Oct. 2.
Ensign, William B., New Rochelle, N. Y., and O. Wildermann, River Edge, N. J. Ignition electrode device for gas burners. 2,545,945, Mar. 20.
Ensign, William B., New Rochelle, N. Y., and O. Wildermann, River Edge, N. J., assignors to Ensign Ribbon Burners, Inc., Mount Vernon, N. Y. Dual band gas burner with crossover burner grid. 2,575,101, Nov. 13.
Ensink, Johannes: *See*—
Greefkes, Johannes A., and Ensink.
Enslein, Kurt, Rochester, N. Y., assignor to Stromberg-Carlson Company. Phase inverter circuit. 2,571,431, Oct. 16.

Enslow, John P., San Francisco, and P. L. Wagner, Walnut Creek, said Enslow assignor to J. R. Rule, Berkeley, Calif. Angularly adjustable circular saw mounting. 2,574,025, Nov. 6.

Ensor, Arthur J., Bramley, England. Trailer caravan and other cabin structure. 2,551,207, May 1.

Ensor, Elwood H., Wilmette, and J. H. Speer, Morton Grove, assignors to G. D. Searle & Co., Skokie, Ill. Purification of benzhydryl ethers. 2,577,076, Dec. 4.

Enterline, Henry M.: *See*—
West, Herbert J., and Enterline.

Enterprise Aluminum Company, The, assignee: *See*—
Krause, Richard F.

Enterprise Manufacturing Co. of Pa., The, assignee: *See*—
Hirsch, Frank J.

Enterprises Metropolitaines et Coloniales, assignee: *See*—
Blondelle, Abel L. C.

Enterprise Railway Equipment Company, assignee: *See*—
Dorey, George B.

Enters, Robert F.: *See*—
Moulton, Joseph D., Enters, and Moufang.

Enthone, Inc., assignee: *See*—
Meyer, Walter R.

Entsminger, Dallas E., Hilton Village, Va. Combination can handle, brush scraper, and brush rest. 2,567,326, Sept. 11.

Entsminger, Dallas E., Hilton Village, Va. Handle and brush holder for paint cans. 2,578,233, Dec. 11.

Entwistle, Donald, and W. R. Weigham, Coventry, assignors to Courtaulds Limited, London, England. Production of viscose. 2,542,492, Feb. 20.

Enzenbacher, Frederick W., Longmeadow, Mass. Door closing apparatus, including electrically driven gear pump and oscillating vane motor hydraulic transmission. 2,552,624, May 15.

Epel, Joseph N.: *See*—
Hannum, John A., and Epel.

Epelberg, Jack, Cohoes, and R. E. Pemrick, assignors to Cluett, Peabody & Co., Inc., Troy, N. Y. Stabilization of regenerated cellulose fabric with glyoxal-amide reaction product. 2,562,161, July 31.

Eplett, Albert D.: *See*—
Sugden, Clifford N., Eplett, and Miner.

Epling, John H., and E. M. Lyons, Roseville, Calif. Quick heat water heater. 2,561,465, July 24.

Eppens, Ernest G., Phillipsburg, N. J., assignor to Ingersoll-Rand Company, New York, N. Y. Safety trip device for motors responsive to temperature, speed, and pressure. 2,551,429, May 1.

Epperson, Ivan R., assignee: *See*—
Peirce, Lawrence C.

Epperson, Robert T., Ponca City, Okla. Pressure paintbrush. 2,542,862, Feb. 20.

Epple, Paul F., Brooklyn, N. Y., and R. I. Prupis, Irvington, assignors to Conmar Products Corporation, Newark, N. J. Staple forming and setting machine. 2,564,886, Aug. 21.

Eppler, Andrew Jr., Lynn, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Control mechanism for presses. 2,563,104, Aug. 7.

Epprecht, Alfred G., Zurich, Switzerland. Tripod. 2,548 659, Apr. 10.

Epps, Ernest A., Jr., Baton Rouge, La., assignor to Standard Oil Development Company. Sulfuric acid regeneration. 2,559,496, July 3.

Epps, Ernest A., Jr., Baton Rouge, La., and B. S. Garrett, Bellerose, N. Y., assignors to Standard Oil Development Company. Purifying sulfuric acid. 2,553,407, May 15.

Epps, Rodney W.: *See*—
Rose, Edward M., and Epps.

Epstein, David W., Princeton, N. J., assignor to Radio Corporation of America. Recording apparatus for radar systems. 2,549,072, Apr. 17.

Epstein, David W., Princeton, N. J., assignor to Radio Corporation of America. Multiple television projector. 2,549,585, Apr. 17.

Epstein, David W., and F. H. Nicoll, Princeton, N. J., assignors to Radio Corporation of America. High-voltage system. 2,542,493, Feb. 20.

Epstein, George H.: *See*—
Stuster, Philip J., and Epstein.

Epstein, Herman, Newark, N. J. Hand weaving device. 2,566,657, Sept. 4.

Epstein, Herman, Newark, N. J. Warp printing machine. 2,573,097, Oct. 30.

Epstein, Hirsch, assignor of one-half to L. R. Duman, Chicago, Ill. Transformer clamp. 2,563,105, Aug. 7.

Epstein, Hirsch, assignor of one-half to L. R. Duman, Chicago, Ill. Transformer clamp. 2,572,457, Oct. 23.

Epstein, Irving N., assignee: *See*—
Cuozzi, Connie.

Epstein, Raphael, Bronx, N. Y., assignor to Jacques Kreisler Manufacturing Corporation, North Bergen, N. J. Watch band display device. 2,549,369, Apr. 17.

Epstein, Saul, Los Angeles, Calif. Accommodating lug construction for collars of roof vents. 2,563,710, Aug. 7.

Epton, Jerome W., assignee: *See*—
Romolt, Abe.

Equi-Flow Inc., assignee: *See*—
Ungar, Gustave A.

Equipment Development Co., Inc., assignee: *See*—
Smith, Edmund G., and Cocchiarella.

Equitable Powder Manufacturing Company, The, assignee: *See*—
Olin, Franklin W.

Equitable Trust Company, executor: *See*—
Du Pont, Eleuthere P.

Erasmus, Hendrik D.: *See*—
Culbertson, James B., Erasmus, and Fowler.

Erasmus, Hendrik D., Lewiston, N. Y., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Treating lithiferous ores to recover lithium as lithium chloride. 2,561,439, July 24.

Erasmus, Hendrik D., Lewiston, and J. B. Culbertson, Lockport, N. Y., assignors to Union Carbide and Carbon Corporation. Paint compositions. 2,572,252, Oct. 23.

Erath, Louis W.: *See*—
Ryerson, Clifford M., Aronson, and Erath.

Eratico, Rose R., Long Island City, N. Y. Fountain pen. 2,551,106, May 1.

Eratico, Rose R., Long Island City, N. Y. Cigar and cigarette lighter. 2,551,107, May 1.

Erb, Earl L., Cleveland, Ohio, assignor, by decree of court, to E. A. Erb. Machine for trimming bushings. 2,563,803, Aug. 14.

Erb, Edith A., assignee: *See*—
Erb, Earl L.

Erb, George C., Forest Hills West, assignor to American Can Company, New York, N. Y. Container with narrow tearing strip. 2,536,044, Jan. 2.

Erb, George C., Forest Hills West, N. Y., assignor to American Can Company, N. Y. Container with compressible sealing gasket and pryoff cover. 2,567,196, Sept. 11.

Erb, George H., South Orange, assignor to Elastic Stop Nut Corporation of America, Union, N. J. Anchoring device. 2,545,514, Mar. 20.

Erb, Norris M.: *See*—
Hildebrandt, Frank M., and Erb.

Erba, Carlo, S. A., assignee: *See*—
Butturini, Luigi, and Bernini.

Erbe, Alfred R., Fort Wayne, Ind., assignor, by mesne assignments, to Farnsworth Research Corporation. Automatic phonograph. 2,539,409, Jan. 30.

Erbel, Arthur: *See*—
Drake, Lewis R., Kenaga, and Erbel.

Erbel, Arthur J.: *See*—
Drake, Lewis R., and Erbel.

Ercolino, Michael D., Wanamassa, assignor to Telrex, Inc., Ashbury Park, N. J. High-frequency antenna. Re. 23.346, Mar. 20.

Ercolino, Michael D., Wanamassa, N. J. Television antenna. 2,559,148, July 3.

Ercolino, Michael D., Wanamassa, N. J. Television antenna. 2,559,149, July 3.

Ercolino, Michael D., Wanamassa, N. J. Antenna. 2,570,333, Oct. 9.

Ercolino, Michael, Wanamassa, N. J., assignor to the United States of America as represented by the Secretary of the Army. Direction finding device. 2,576,929, Dec. 4.

Erdelyi, Serge, assignor to Ottomar Lord, Vienna, Austria. Sewing machine feed mechanism. 2,551,108, May 1.

Erdelyi, Serge, assignor to O. Lord, Vienna, Austria. Sewing machine. 2,574,381, Nov. 6.

Erdman, Francis H., Germantown, Pa., assignor to Wright Aeronautical Corporation. Washer-capscrew combination. 2,552,004, May 8.

Erdmann, Hans, Maplewood, N. J., assignor to Waldes Kohinoor, Inc., Long Island City, N. Y. Slider for slide fasteners. 2,569,298, Sept. 25.

Erdos, Paul L., assignee: *See*—
Laufer, Thomas.

Ergen, William K., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Electric motor control system. 2,538,415, Jan. 16.

Erhardt, John E., Jr., assignor to Crown Cork & Seal Company, Inc., Baltimore, Md. Treating roll mounting and roll drive. 2,545,025, Mar. 13.

Erhardt, John E., Jr., assignor to Crown Cork & Seal Company, Inc., Baltimore, Md. Apparatus for handling and brightening metal. 2,546,538, Mar. 27.

Erhardt, John E., Jr., Baltimore, Md. Treating roll mounting and roll drive. 2,566,796, Sept. 4.

Erhardt, Oscar P.: *See*—
Krueger, Alfred P., and Erhardt.

Erhardt, Oscar P., assignor to Derby Sealers, Incorporated, Derby, Conn. Tape dispenser. 2,547,569, Apr. 3.

Erhardt, Oscar P., assignor to Derby Sealers, Incorporated, Derby, Conn. Tape-dispensing mechanism. 2,555,187, May 29.

Erhardt, Oscar P., assignor to Derby Sealers, Incorporated, Derby, Conn. Tape-dispensing machine. 2,574,175, Nov. 6.

Erickson, C. E., Company, Inc., assignee: *See*—
Erickson, Ernest R.

Erickson, Carl E., and S. E., Bremen, Ohio. Forming partly colored glass. 2,538,935, Jan. 23.

Erickson, Carl O., Hollywood, Calif. Motorcycle foot pedal operated transmission control. 2,552,371, May 8.

Erickson, Charles L.: *See*—
Erickson, Oscar G. and C. L.
Erickson, Clarence E.: *See*—
Bockius, George H., and Erickson.
Erickson, Edwin R., Moline, Ill., assignor to Mathieson Chemical Corporation. Stabilized vinyl aromatic compounds. 2,561,915, July 24.
Erickson, Edwin R., Moline, Ill., assignor to Mathieson Chemical Corporation. Stabilized vinyl aromatic compounds. 2,561,916, July 24.
Erickson, Edwin R., Oak Park, Ill., assignor to Mathieson Chemical Corporation. Stabilization of chloroethyl dichlorobenzenes. 2,540,869, Feb. 6.
Erickson, Elmer L., Brookings, S. Dak. Apparatus for separating particles of different densities. 2,579,228, Dec. 18.
Erickson, Elmer L., and A. N. Hume, Brookings, S. Dak. Push-pull hoe. 2,579,229, Dec. 18.
Erickson, Ernest R., assignor to C. E. Erickson Company, Inc., Des Moines, Iowa. Bottom member for milk bottle carrying cases and the like. 2,565,299, Aug. 21.
Erickson, Frank A., Elizabeth City, N. C. Stabilizer for rotary wing aircraft. 2,578,680, Dec. 18.
Erickson, Helmer E.: *See*—
Talboys, Henry H., and Erickson.
Erickson, Irving T., Portland, Oreg. Ice-cube freezer. 2,559,414, July 3.
Erickson, John A., assignor to Viking Manufacturing Company, Manhattan, Kans. Portable grinding mill with draft and power intake means from a preceding tractor. 2,557,344, June 19.
Erickson, John E., assignee: *See*—
Nohl, Edwin J.
Erickson, John G., Greenwich, Conn., assignor to American Cyanamid Company, New York, N. Y. Polymerizing glycidyl compounds. 2,556,075, June 5.
Erickson, John G., Greenwich, Conn., assignor to American Cyanamid Company, New York, N. Y. Preparing glycidyl ester. 2,567,842, Sept. 11.
Erickson, John G., Greenwich, Conn., assignor to American Cyanamid Company, New York, N. Y. Aliphatic orthoformic esters. 2,567,927, Sept. 18.
Erickson, John H., Chicago, Ill. Attachment for spools of thread. 2,542,758, Feb. 20.
Erickson, Lennart G., San Francisco, assignor to Lenkurt Electric Co., Inc., San Carlos, Calif. Frequency changer. 2,554,778, May 29.
Erickson, Lowell H., assignor to Marcellus S. Merrill, Denver, Colo. Electronic control. 2,578,525, Dec.
Erickson, Lyle M.: *See*—
Newton, Orville L., and Erickson.
Erickson, Niilo, Sointula, British Columbia, Canada. Fishing spoon. 2,539,691, Jan. 30.
Erickson, Norman B.: *See*—
Larsen, Merwin J., and Erickson.
Erickson, Oscar G., Detroit, and C. L. Erickson, Ferndale, Mich. Internal-combustion engine. 2,545,946, Mar. 20.
Erickson, Stephan E.: *See*—
Erickson, Carl E. and S. E.
Ericson, Elmer W., Chicago, Ill. Combined carrying case and screen for picture projectors. 2,560,335, July 10.
Ericson, Eric A.: *See*—
Rowe, Raymond N., and Ericson.
Ericson, George E.: *See*—
Sabin, James O., and Ericson.
Ericson, George R., Kirkwood, assignor to Carter Carburetor Corporation, St. Louis, Mo. High-pressure metering pump. 2,537,336, Jan. 9.
Ericson, George R., Kirkwood, Mo., assignor to American Car & Foundry Company, New York, N. Y. Sleeping car arrangement. 2,548,006, Apr. 10.
Ericson, George R., Kirkwood, Mo. Engine starting device. 2,563,645, Aug. 7.
Ericson, George R., Kirkwood, assignor to Carter Carburetor Corporation, St. Louis, Mo. Facilitating engine starting. 2,574,694, Nov. 13.
Ericson, George R., Kirkwood, assignor to Carter Carburetor Corporation, St. Louis, Mo. Antidetonating device. 2,575,210, Nov. 13.
Ericson, Harold L.: *See*—
Wallace, Robert L., Jr., and Ericson.
Ericson, Kurt E. A., Lerum, Sweden. Drawing board, book, or like. 2,578,524, Dec. 11.
Ericson, Paul, Weirton, W. Va., assignor to National Steel Corporation. Separator. 2,562,025, July 24.
Ericson, Roy S.: *See*—
Tuve, Richard L., Peterson, and Ericson.
Ericsson, Ernst A., Gothenburg, and S. C. Johansson, Bohus, Sweden. Receptacle for injection syringes. 2,558,742, July 3.
Ericsson, Nils, assignee: *See*—
Hellkvist, Alf O.
Ericsson, Ruben, Stockholm, Sweden. Cash register. 2,539,949, Jan. 30.
Erie Manufacturing Co., assignee: *See*—
Engholdt, Richard K.
Erie Meter Systems, Inc., assignee: *See*—
Newcomb, Raymond A.
Swank, Rehl W.
Erie Mining Company, assignee: *See*—
De Coriolis, Ernest G., and Campbell.
De Vaney, Fred D.
Erie Resistor Corporation, assignee: *See*—
Gray, Robert B., and Steele.
Eriez Manufacturing Company, assignee: *See*—
Hoff, Ronald C.
Eriksen, Kenneth, and C. W. Concelman, Brookfield, Conn., assignors to Hazeltine Research, Inc., Chicago, Ill. Electrical connector for solid dielectric type coaxial lines. 2,552,414, May 8.
Erikson, Carl F., White Plains, assignor to Nathan Manufacturing Company, New York, N. Y. Variable discharge pump and control therefor. 2,555,479, June 5.
Erikson, Carl R., assignor to The Arabol Mfg. Co., New York, N. Y. Adhesive composition for metal foil to paper laminating. 2,544,146, Mar. 6.
Eriksson, Allan H.: *See*—
Rothenborg, Aage, Eriksson, and Magnusson.
Eriksson, Erik O.: *See*—
Lundgren, Sven G., and Eriksson.
Eriksson, John A., Detroit, Mich. Conveyer mechanism. 2,558,832, July 3.
Eriksson, Karl E.: *See*—
Dreyfus, Ludwig, and Eriksson.
Erjavec, Frank J., Cleveland, Ohio. Vehicle jacking device. 2,570,334, Oct. 9.
Erkkila, Andrew, assignor to Independent Lock Company, Fitchburg, Mass. Escutcheon and anchoring plate therefor. 2,536,494, Jan. 2.
Erlandson, Paul M., United States Navy. Directional indicator. 2,543,769, Mar. 6.
Erlandsson, Erik G. V.: *See*—
Grundin, Ivan V., and Erlandsson.
Erlewine, Richard H., assignor to General Plastics Corporation, Marion, Ind. Hollow display article. 2,575,512, Nov. 20.
Erling, Sven J., Nockeby, assignor to Aktiebolaget Separator, Stockholm, Sweden. Pulsator. 2,559,244, July 3.
Erling, Sven J., Nockeby, assignor to Aktiebolaget Separator, Stockholm, Sweden. Air impurity remover. 2,574,552, Nov. 13.
Ermold, Edward, Company, assignee: *See*—
Rothman, Emil.
Ermold, Elmer A., Philadelphia, Pa. Measuring rule. 2,554,099, May 22.
Ern, Charles F., Jr., White Plains, N. Y. Manufacturing pinking shears. 2,565,552, Aug. 28.
Ern, Charles F., Jr., White Plains, N. Y. Manufacturing cutting tools, such as scissors and knives. 2,577,316, Dec. 4.
Ernest, David H., Jr., Trinidad, Colo. Soil auger lifter. 2,564,965, Aug. 21.
Ernest, Fred, Gardena, Calif. Window tightener. 2,539,064, Jan. 23.
Ernisse, Paul J.: *See*—
Wallace, Roger W., and Ernisse.
Ernisse, Paul J., assignor to Eastman Kodak Company, Rochester, N. Y. Readily loadable roll film camera. 2,537,883, Jan. 9.
Ernisse, Paul J., assignor to Eastman Kodak Company, Rochester, N. Y. Film winding control for roll-film handling apparatus. 2,548,525, Apr. 10.
Ernisse, Paul J., assignor to Eastman Kodak Company, Rochester, N. Y. Film take-up chamber for photographic apparatus. 2,578,295, Dec. 11.
Ernisse, Paul J., assignor to Eastman Kodak Company, Rochester, N. Y. Lamp ejecting socket. 2,578,296, Dec. 11.
Ernsberger, Maurice L., and R. D. Lipscomb, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparing organosilanes. 2,570,463, Oct. 9.
Ernst, Alfred, Milano, Italy. Apparatus for testing the hardness of materials. 2,536,632, Jan. 2.
Ernst, Alfred F., Larchmont, N. Y., assignor to Certain-teed Products Corporation, Chicago, Ill. Defibering apparatus. 2,573,321, Oct. 30.
Ernst, Alfred F., Larchmont, N. Y., assignor to Certain-teed Products Corporation, Chicago, Ill. Defibering apparatus. 2,573,322, Oct. 30.
Ernst, Clifford F., Sandusky, Ohio. Muffler and tail pipe tool. 2,558,242, June 26.
Ernst, Daniel, assignor to Maag-Zahnräder und-Maschinen Aktiengesellschaft, Zurich, Switzerland. Apparatus for testing gear drives by the method of unilateral gear tooth rolling motion control. 2,539,239, Jan. 23.
Ernst, Daniel, assignor to Maag-Zahnrader und-Maschinen Aktiengesellschaft, Zurich, Switzerland. Knife-edge bearing. 2,544,591, Mar. 6.
Ernst, Earl A., Bakersfield, Calif. Loading device. 2,549,370, Apr. 17.
Ernst, Earl A., Bakersfield, Calif. Conveyer organization for positioning and transporting articles. 2,572,325, Oct. 23.
Ernst, Fred, Gardena, assignor to G. H. Hall, Los Angeles, Calif. Piston ring. 2,551,878, May 8.
Ernst, Fred, Gardena, assignor to G. H. Hall, Los Angeles, Calif. Piston ring. 2,558,426, June 26.
Ernst, Hans, assignor to The Cincinnati Milling Machine Co., Cincinnati, Ohio. Torque converter. 2,546,062, Mar. 20.
Ernst, Hans, and A. H. Dall, assignors to The Cincinnati Milling Machine Co., Cincinnati, Ohio. Hydraulic feeding mechanism. 2,573,098, Oct. 30.
Ernst, Henry, Jr., Roselle, N. J., assignor to Standard Oil Development Company. Oxygen removal from absorption oils. 2,543,838, Mar. 6.
Ernst, Max, Nuremberg, Germany. Pushing and driving mechanism for toys. 2,560,938, July 17.

Ernst, W. Arthur, Racine, Wis. Motor-operated beverage mixer and whipper. 2,564,887, Aug. 21.

Ernst, Walter, assignor to The Commonwealth Engineering Company of Ohio, Dayton, Ohio. Reservoir and tank arrangement for hydraulic presses. 2,576,584, Nov. 27.

Ernst, Walter, Mount Gilead, and F. E. Bonner, Dayton, assignors to Columbus Coated Fabrics Corporation, Columbus, Ohio. Collapsible frame for utility baskets. 2,544,074, Mar. 6.

Ernst, Walter, Mount Gilead, and F. E. Bonner, Dayton, assignors to Columbus Coated Fabrics Corporation, Columbus, Ohio. Basket framework lining and blank therefor. 2,544,075, Mar. 6.

Ernst, Winfield G., and R. M. Newlin, York, Pa., said Ernst assignor to said Newlin. Automobile jack. 2,543,904, Mar. 6.

Erny, Frank, Buffalo, N. Y., assignor to Curtiss-Wright Corporation. Aerodynamic trim means. 2,570,534, Oct. 9.

Errick, Edward W.: *See*—
Youngblood, Robert N., and Errick.

Errig, William F., Jenkintown, Pa., and E. S. De Hart, Collingswood, N. J.; said De Hart assignor to said Errig. Apparatus for incising tires. 2,567,149, Sept. 4.

Errig, William F., Jenkintown, Pa., and E. S. De Hart, Collingswood, N. J.; said De Hart assignor to said Errig. Transverse tire tread slitting apparatus. 2,578,997, Dec. 18.

Erro, Ernesto C., Habana, Cuba. Combination dish. 2,549,440, Apr. 17.

Erson, Erik G.: *See*—
McClure, Glenn T., and Erson.

Erson, Erik G., Wilkinsburg, Pa., assignor to Westinghouse Air Brake Company. Fluid pressure brake apparatus. 2,580,348, Dec. 25.

Erspamer, August S., assignor to P. H. Glatfelter Company, Spring Grove, Pa. Paper size. 2,541,692, Feb. 13.

Ertner, August C., Seattle, Wash. Box. 2,563,827, Aug. 14.

Ertner, Edward W., Berwyn, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Mechanism for controlling the speed of motors. 2,571,023, Oct. 9.

Eru-Kaasfabriek N. V., assignee: *See*—
Ruys, Josephus J.

Erwin, Samuel P., Santa Rosa, Calif. Nut drier. 2,543,279, Feb. 27.

Erwin, Wesley S.: *See*—
Kettering, Charles F., and Erwin.

Erwood Co., The, assignee: *See*—
Lawin, Harold C.

Erwood, Joseph, Chicago, and C. E. Beck, Park Ridge, Ill., assignors to the United States of America, as represented by the Secretary of the Navy. Friction clutch and brake mechanism. 2,539,065, Jan. 23.

Esbeck, Howard C.: *See*—
Neighbour, Leonard B., and Esbeck.

Esch, Herman C., Cherryvale, Kans. Traction wheel for garden tractors. 2,558,833, July 3.

Escher, Edward P., Chicago, Ill., assignor to Screw Conveyor Corporation, Hammond, Ind. Rotating means for screw conveyer housings. 2,545,140, Mar. 13.

Escher, Edward P., Chicago, Ill., assignor to Screw Conveyor Corporation, Hammond, Ind. Conveyer housing rotating means. 2,545,141, Mar. 13.

Escher, Hans, Wollongong, assignor to Australian Iron & Steel Limited, Sydney, New South Wales, Australia. Recuperator means for combustion furnaces. 2,538,446, Jan. 16.

Eschrich, Leroy S., Pittsburgh, Pa. Louvered shade structure. 2,577,317, Dec. 4.

Eserkaln, Theodore F., F. Steinbrecker, and O. H. Arndt, Wauwatosa, assignors to George Gorton Machine Co., Racine, Wis. Micrometer dial. 2,557,866, June 19.

Eshbaugh, Jesse E., and N. Walker, Flint, assignors to General Motors Corporation, Detroit, Mich. Aircraft cooling valve. 2,574,254, Nov. 6.

Eshelman, Alvin L., Upland, Calif. Antislipping desk pad. 2,573,323, Oct. 30.

Eshnaur, Vance D., assignor to Canvas Products Company of Kansas City, Kansas City, Mo. Loading dock cover. 2,567,995, Sept. 18.

Eskew, Roderick K., Glenside, R. P. Homiller, Three Tuns, and G. W. M. Phillips, Philadelphia, Pa., assignors to the United States of America as represented by the Secretary of Agriculture. Making frozen concentrated fruit juices. 2,573,699, Nov. 6.

Eskimo Pie Corporation, assignee: *See*—
Fleming, William M.
Klein, Morris.

Eskridge, Jefferson L., Long Island City, N. Y. Producing alpha cellulose from cottonseed hull fibers. 2,536,045, Jan. 2.

Eskridge, Jefferson L., Long Island City, N. Y. Alkaline digestion of cottonseed hulls. 2,536,046, Jan. 2.

Eskridge, Jefferson L., Long Island City, N. Y. Alkaline digestion of cottonseed hull bran. 2,536,047, Jan. 2.

Esley, Wayne B., Rochester, N. Y., assignor of one-third to G. Burns, one-third to M. R. Sweet, and one-third to H. Brueckner. Rotary piston pump. 2,576,175, Nov. 27.

Eslick, Arthur F., Spokane, Wash. Coin receptacle. 2,553,904, May 22.

Eslick, Arthur U., Grosse Pointe Woods, Mich. Screw holding screw driver. 2,574,026, Nov. 6.

Esmond, William G., Cumberland, Md., assignor to Celanese Corporation of America. Reel. 2,555,535, June 5.

Esmond, William G., Cumberland, Md., assignor to Celanese Corporation of America. Advancing reel. 2,558,834, July 3.

Esmond, William G., Cumberland, Md., assignor to Celanese Corporation of America. Advancing reel. 2,558,835, July 3.

Esmond, William G., Cumberland, Md., assignor to Celanese Corporation of America. Yarn advancing reel. 2,558,836, July 3.

Espari, Alphonse, New Haven, Conn. Toy swing. 2,558,045, June 26.

Espenas, Leif D.: *See*—
Loughborough, William K., McMillen, and Espenas.

Espenschied, Helmut: *See*—
Nelson, Walter K., and Espenschied.

Espenschied, Helmut, Metuchen, N. J., assignor to National Lead Company, New York, N. Y. Purification of titanium tetrachloride. 2,560,423, July 10.

Espenschied, Helmut, Metuchen, N. J., assignor to National Lead Company, New York, N. Y. Titanium tetrachloride treatment process. 2,560,424, July 10.

Espenschied, Lloyd, Kew Gardens, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Source of electrical energy. 2,539,535, Jan. 30.

Espenschied, Lloyd, Kew Gardens, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Time division multiplex telephone system. 2,541,348, Feb. 13.

Espenschied, Lloyd, Kew Gardens, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electronic tracing system. 2,553,245, May 15.

Espley, Dennis C., North Wembley, assignor to The General Electric Company, Limited, London, England. Electrical network for the suppression of echoes and the like in electrical signaling systems. 2,552,160, May 8.

Essaness Patents, assignee: *See*—
Shannon, Lon.

Esseling, Cornelis J., assignor to Werf Conrad en Stork Hijsch N. V., Haarlem, Netherlands. Rotary drill. 2,566,084, Aug. 28.

Esselman, Richard B.: *See*—
Farr, Richard S., and Esselman.

Esselman, Walter H.: *See*—
Santini, Danilo, Keiper, and Esselman.

Esselstrom, Joel, Esse, Finland. Heating stove with hot cupboard. 2,578,408, Dec. 11.

Esselstyn, William J.: *See*—
Skeeters, Maxwell J., and Esselstyn.

Esser, Paul, Koln-Raderberg, and P. Wilz, Koln-Bayenthal, Germany. Chain welding machine. 2,571,553, Oct. 16.

Essex Wire Corporation, assignee: *See*—
Elliott, Howard A.
Ilker, Elmer C.
Prouty, Robert E.
Simpkins, Robert L., Materka, and Elliott.

Essig, Sanford F., Fort Wayne, Ind., assignor, by mesne assignments, to Farnsworth Research Corporation. Forming a glass film on metal. 2,539,410, Jan. 30.

Essman, Arthur L., Downers Grove, Ill., assignor to The Union Switch and Signal Company, Swissvale, Pa. Railway signal control system. 2,564,781, Aug. 21.

Essner, Franklin J., assignee: *See*—
Stuckey, Samuel G.

Esson, Edwin, assignor to Locke Stove Company, Kansas City, Mo. Cook stove. 2,564,525, Aug. 14.

Esson, Edwin, assignor to Locke Stove Company, Kansas City, Mo. Duplex heater. 2,578,927, Dec. 18.

Estabrooks, Norman L., Malden, Mass. Knife having a serrated edge. 2,555,735, June 5.

Estel, George A., Jr., assignor to Globe Hoist Company, Des Moines, Iowa. Chock mechanism for vehicle lifts. 2,569,982, Oct. 2.

Esterline, Paul J., assignor to Ex-Cell-O Corporation, Detroit, Mich. Hydraulic control mechanism for machine tools. 2,565,600, Aug. 28.

Estey, Maynard E., Canandaigua, assignor to Estey Products Corporation, Geneva, N. Y. Rotary pump or motor. 2,551,430, May 1.

Estey Products Corporation, assignee: *See*—
Estey, Maynard E.

Estoup, Henri: *See*—
Estoup, Jean.

Estoup, Jean, otherwise known as Henri Estoup, Sceaux, assignor to Societe D'Applications Generales D'Electricite et de Mecanique Sagem, Paris (Seine Department), France. Printing telegraph apparatus. 2,539,509, Jan. 30.

Estoup, Jean, generally known as Henri Estoup, Sceaux, assignor to Mecanique et Transmission Metran, Paris, France. Telegraph system with an answer-back signal transmitter. 2,550,541, Apr. 24.

Estwing, Ernest O., assignor to Estwing Manufacturing Company, Incorporated, Rockford, Ill. Forming hand-operated striking tools. 2,571,350, Oct. 16.

Estwing Manufacturing Company, Incorporated, assignee: *See*—
Estwing, Ernest O.
Esty, Alfred H., Sacramento, and J. A. Dinsmore, assignors of one-third to C. Grunsky, Santa Cruz, Calif. Combined electromagnetic piezoelectric phonograph translating device. 2,542,017, Feb. 20.
Esval, Orland E.: *See*—
Beach, Lennox F., Esval, and Lane.
Esval, Orland E., Huntington, N. Y., assignor to The Sperry Corporation. Aircraft turn control. 2,553,560, May 22.
Esval, Orland E., Huntington, and C. A. Frische, Great Neck, N. Y., assignors to The Sperry Corporation. Automatic pilot. 2,539,411, Jan. 30.
Esval, Orland E., Huntington, W. Wrigley, East Hempstead, and R. Haskins, Jr., Garden City, N. Y., assignors to The Sperry Corporation. Attitude gyro. 2,546,989, Apr. 3.
Esval, Orland E., Huntington, and W. Wrigley, East Hempstead, N. Y., assignors to The Sperry Corporation. Great circle direction-keeping instrument. 2,555,328, June 5.
Etablissements A. Cazeneuve, assignee: *See*—
Bruet, Henri R.
Etablissements Edgar Brandt, assignee: *See*—
De Beaumont, Henry M. D.
Etablissements Fumat, assignee: *See*—
Fumat, Joseph.
Etablissements G. Decombe, assignee: *See*—
Gazet, Marius.
Etablissements Henry-Lepaute, assignee: *See*—
Salmon-Legagneur, Pierre, and Mauny.
Etablissements Lambiotte Freres, assignee: *See*—
Fauqué, Louis L. J.
Etablissements Mercier, assignee: *See*—
Mercier, Emile.
Etablissements Merlin & Gerin, assignee: *See*—
Latour, Andre.
Etablissments Paul Duclos Société Anonyme, assignee: *See*—
Wulleman, Albert.
Etavex S. A., assignee: *See*—
Fortier, André L. A.
Ethicon Suture Laboratories Incorporated, assignee: *See*—
Eberl, James J.
Ethyl Corporation, assignee: *See*—
Bartholomew, Earl, and Cross.
Calingaert, George.
Calingaert, George, and Shapiro.
Cross, Howard C.
Harvey, Clarence C., Neher, and Dorsky.
Hill, Eugene F.
Hill Eugene F., and Baldwin.
Hill Eugene F., and Soroos.
Kolka, Alfred J., and Orloff.
Krohn, Ivar T., and Shapiro.
McDyer, Thelma W., and Closson.
Neher, Clarence M., and Hall.
Orloff, Harold D.
Rifkin, Ellis B., and Ewen.
Rodekohr, Howard M., and Blitzer.
Shapiro, Hymin, and De Witt.
Sugimoto, Roy.
Wall, Henry H., Jr.
Etienne, James M., assignee: *See*—
Habus, Alvin.
Etna Appliance and Equipment Co., Inc., assignee: *See*—
Guinn, J. Edwin.
Etnyre, E. D., & Co., assignee: *See*—
Etnyre, Samuel R.
Etnyre, Edward A., Oregon, Ill. Fence gate construction. 2,575,947, Nov. 20.
Etnyre, Samuel R., assignor to E. D. Etnyre & Co., Oregon, Ill. Distributor for bituminous and like materials. 2,571,850, Oct. 16.
Ettel, Viktor, assignor to Spolek pro chemickou a hutni vyrobu, narodní podnik-United Chemical and Metallurgical Works, National Corporation, Prague, Czechoslovakia. Manufacture of mixed phosphate fertilizers. 2,557,730, June 19.
Etten, Nicholas L., assignor to Chamberlain Corporation, Waterloo, Iowa. Wringer. 2,571,351, Oct. 16.
Etten, Nicholas L., assignor to Chamberlain Corporation, Waterloo, Iowa. Wringer. 2,572,604, Oct. 23.
Ettien, Josephine M., and L. G. Yoakem, Los Angeles, assignors of one-third to P. N. Simon, Jr., Santa Monica, Calif. Garment with free-action under bodice. 2,554,361, May 22.
Ettinger, Joe J., assignor to Zimmer Manufacturing Company, Warsaw, Ind. Walking heel. 2,547,570, Apr. 3.
Ettinger, Joe J., assignor to Zimmer Manufacturing Company, Warsaw, Ind. Hip fracture drill guide. 2,547,571, Apr. 3.
Ettinger, Joe J., assignor to Zimmer Manufacturing Company, Warsaw, Ind. Extension bracket for hospital beds. 2,550,983, May 1.
Ettl, Joseph: *See*—
Rogers, Louis, and Ettl.
Etzel, Gastão, Philadelphia, Pa., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Making camphene. 2,551,795, May 8.
Etzelt, Heinrich, Vienna, Austria, and G. Nemetz, deceased, Vienna, Austria, by V. Nemetz, administratrix, assignors to A. Friedmann, Kommandit-Gesellschaft, Vienna, Austria. Heating system. 2,538,964, Jan. 23.
Etzenhouser, Frederick H., Independence, Mo. Dual valve for fluids. 2,555,188, May 29.
Etzler, Harry R., Mount Clemens, Mich. Shaft coupling. 2,552,038, May 8.
Euclid Electric & Manufacturing Company, The, assignee: *See*—
Griffes, Milton W., and Merchant.
Euclid Road Machinery Co., The, assignee: *See*—
Armington, George E.
Armington, Raymond Q., and G. E.
Camilly, Roger L., and Quartullo.
Double, Walter F.
Snow, Virgil L., and Double.
Eugley, Jenness P., Runnemede, N. J., and R. R. Freas, Jr., Jermyn, Pa., assignors to Radio Corporation of America. Coincidence indicator for electronic counters. 2,563,106, Aug. 7.
Euler, Donald J., G. W. Crittenden, Seattle, and J. B. Brandt, Bellevue, Wash., assignors to Boeing Airplane Company. Beater. 2,565,723, Aug. 28.
Euler, Fred J., Jr.: *See*—
Zavales, Charles T., Euler, and Kalstein.
Eulhardt, Edward C.: *See*—
Jones, Minor C. K., and Eulhardt.
Eureka Williams Corporation, assignee: *See*—
Coss, George R.
Coss, George R., and Hammell.
Earl, Howard E.
Hammell, Kemper M.
Hammell, Kemper M., and O'Malley.
Osborn, Ralph C.
Waldron, Cecil R.
Wiser, Hubert J., Sr.
Eurell, Thomas J., II, assignee: *See*—
Reed, Maurice J.
Eurey, Noah W., Lincolnton, N. C. Warp beam and harness frame transporting truck. 2,579,730, Dec. 25.
Eusner, George R., assignor to Stupakoff Ceramic & Manufacturing Company, Latrobe, Pa. Method and apparatus for molding ceramic articles. 2,552,090, May 8.
Eustis, Irving N., assignor to Fairmont Railway Motors, Inc., Fairmont, Minn. Belt tightener. 2,566,177, Aug. 28.
Eustis, Irving N., and N. J. McDonald, assignors to Fairmont Railway Motors, Inc., Fairmont, Minn. Cab top mounting for railway motor cars. 2,566,178, Aug. 28.
Eustis, Warner, Newton, assignor to The Kendall Company, Boston, Mass. Pressure-sensitive adhesive tape. 2,572,458, Oct. 23.
Eustis, Warner, Newton, assignor to The Kendall Company, Boston, Mass. Adhesive tape. 2,572,459, Oct. 23.
Euverard, Maynard R., Short Hills, N. J., and P. N. Gardner, Bethesda, Md., assignors to Interchemical Corporation, New York, N. Y. Dry film gauge. 2,546,990, Apr. 3
Evanoff, John, and H. L. Castino, assignors of one-fourth to A. M. Ingebretson, Dishman, Wash. Load suspending vehicle body. 2,578,052, Dec. 11.
Evans, Adele H., Hollywood, Fla. Separable garment. 2,559,953, July 10.
Evans, Ambrose H., Hutchinson, Kans. Rodent trap attachment. 2,563,324, Aug. 7.
Evans, Arthur F., and S. Hopkins, Brentford, England. Fuel injection pump for internal-combustion engines. 2,537,748, Jan. 9.
Evans, Arthur G.: *See*—
Olson, William N., and Evans.
Evans, Carroll L., Tipton, Calif. Earth scraping, transporting, spreading, and leveling apparatus. 2,554,698, May 29.
Evans Case Co., assignee: *See*—
Dion, William A.
Reilly, Alfred F.
Evans Case Company, assignee: *See*—
Reilly, Alfred F.
Reilly, Alfred F., and Gengenbach.
Evans, Clarence A., Atlanta, Ga. Educational plastic set. 2,540,432, Feb. 6.
Evans, Clarence A., Atlanta, Ga. Plastic toy train track. 2,540,433, Feb. 6.
Evans, Clarence W., Portville, N. Y. Combination board for beehives. 2,575,102, Nov. 13.
Evans, David C., Cincinnati, Ohio. Holder for spun sugar candy. 2,553,757, May 22.
Evans, David E., Sr., Columbus, Ohio, assignor to Acme Visible Records, Inc., Chicago, Ill. Visible index. 2,552,270, May 8.
Evans, Edward M., Tonbridge, and H. T. Hookway, Croydon, assignors to British Resin Products Limited, London, England. Production of new resinous compositions from sulfones and formaldehyde. 2,543,237, Feb. 27.
Evans, Edwin R., Orchard Lake Village, Mich., assignor to Lock Thread Corporation. Screw-thread swaging tool. 2,556,174, June 12.
Evans, Elliott A., and J. S. Elliott, assignors to C. C. Wakefield & Company Limited, London, England. Lubricating composition. 2,579,037, Dec. 18.

Evans, Elliott A., and J. S. Elliott, assignors to C. C. Wakefield & Company Limited, London, England. Lubricant composition. 2,579,038, Dec. 18.

Evans, Eugene M., assignor of one-half to V. A. Cornelison, Kansas City, Mo. Fare box vault door locking means. 2,546,498, Mar. 27.

Evans, Francis C., Dongan Hills, N. Y., assignor to American District Telegraph Company, Jersey City, N. J. Pneumatically operated signal trip mechanism. 2,537,185, Jan. 9.

Evans, Francis T., Fairfax, Va. Watch pocket shaver. 2,547,077, Apr. 3.

Evans, Fraser M.: *See*—
Brook, Kenneth, and Evans.

Evans, Fraser M., Acton, London, assignor to C. A. V. Limited, London, England. Liquid fuel pump. 2,576,334, Nov. 27.

Evans, Fraser M., London, and W. E. W. Nicolls, Pinner, assignors to C. A. V. Limited, London, England. Variable valve loading injection nozzle. 2,536,542, Jan. 2.

Evans, George L., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Pyrrolidine compounds and preparing same. 2,578,526, Dec. 11.

Evans, Harold D., Kansas City, Mo. Shears. 2,542,125, Feb. 20.

Evans, James E.: *See*—
Lassiat, Raymond C., and Evans.
Lassiat, Raymond C., Kelso, and Evans.

Evans, James E., Wallingford, Pa., assignor to Houdry Process Corporation, Wilmington, Del. Converting liquid phase hydrocarbon material. 2,553,561, May 22.

Evans, James E., Wallingford, Pa., assignor to Houdry Process Corporation, Wilmington, Del. Atomizer with impinging streams. 2,553,562, May 22.

Evans, James E., Wallingford, Pa., and R. M. Shirk, assignors to Houdry Process Corporation, Wilmington, Del. Cable system for hoisting mechanisms. 2,546,991, Apr. 3.

Evans, James S., San Marino, Calif. Foldable tire diameter gauge. 2,566,407, Sept. 4.

Evans, John A., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Divided inductor with surrounding quenching device. 2,565,957, Aug. 28.

Evans, John J.: *See*—
McDonald, John H., and Evans.

Evans, John R., Chicago, Ill. Combination fracture board, stretcher, and vibrating seesaw gravity respirator with holding belt. 2,541,225, Feb. 13.

Evans, John R., & Company, assignee: *See*—
Windus, Wallace.

Evans, Leigh R., assignor to Hardinge Brothers, Inc., Elmira, N. Y. Actuating mechanism for collets and the like. 2,545,610, Mar. 20.

Evans, Leon M.: *See*—
Herzog, Gerhard, Lord, Evans, and Heath.

Evans, Liley A., Richland, Wash., assignor to General Electric Company. Fluid-tight shield for rotatable shafts. 2,547,630, Apr. 3.

Evans, Louis P., Woodbury, N. J., assignor to Socony-Vacuum Oil Company, Incorporated. Conducting high-temperature conversions. 2,543,005, Feb. 27.

Evans, Louis P., Woodbury, N. J., assignor to Socony-Vacuum Oil Company, Incorporated. High-temperature conversion of gaseous hydrocarbons. 2,543,742, Feb. 27.

Evans, Louis P., Woodbury, Mass., assignor to Socony-Vacuum Oil Company, Incorporated. Method and apparatus for high-temperature hydrocarbon conversions. 2,543,743, Feb. 27.

Evans, Louis P., Woodbury, N. J., assignor to Socony-Vacuum Oil Company, Incorporated. Method and apparatus for contacting gases with particle form solid material. 2,546,634, Mar. 27.

Evans, Louis P., Woodbury, R. Lee, Wenonah, and W. A. Hagerbaumer, Westfield, N. J., assignors to Socony-Vacuum Oil Company, Incorporated. Regeneration of moving catalysts. 2,566,285, Aug. 28.

Evans, Luther W., assignor to Evans Specialty Company, Inc., Richmond, Va. Paper counter. 2,558,212, June 26.

Evans, Luther W., assignor to Evans Specialty Company, Inc., Richmond, Va. Collator rack. 2,568,996, Sept. 25.

Evans, McCoy, assignor of fifty per cent to R. F. Cook, Bremerton, Wash. Liquid level gauge and aerator. 2,565,423, Aug. 21.

Evans, Mervyn C., Stanmore, near Sydney, New South Wales, Australia. Circular saw guard. 2,572,326, Oct. 23.

Evans, Orville L., and W. H. Warth, Rushville, Ind. Bagless golf cart. 2,578,409, Dec. 11.

Evans Products Company, assignee: *See*—
Evans, Robert B., Nampa, and Fetterly.
Nampa, Sulo M.
Sanders, Elmore J.
Schueder, George, Dunlap, and Gavagan.
Watts, William S., and Carmick.

Evans, Quentin J., New York, N. Y., assignor to the United States of America as represented by the United States Atomic Energy Commission. Rotary shaft driven tappet. 2,568,061, Sept. 18.

Evans, Ralph L., assignee: *See*—
Plentl, Albert A.

Evans, Ralph M., assignor to Eastman Kodak Company, Rochester, N. Y. Correcting photographic color prints. 2,571,697, Oct. 16.

Evans, Raymond B.: *See*—
Kunze, Walter G., and Evans.

Evans, Raymond B., and C. E. Greene, Sidney, Ohio, assignors to The Monarch Machine Tool Company. Power actuated gear shifter. 2,540,573, Feb. 6.

Evans, Raymond N., Reserve, assignor to Godchaux Sugars, Inc., New Orleans, La. Recovery of aconitic acid from aconitate salt. 2,572,018, Oct. 23.

Evans, Raymond N., and A. P. Ingrassia, assignors to Masonite Corporation, Laurel, Miss. Lignin-furfuryl alcohol resins and making same. 2,538,302, Jan. 16.

Evans, Raymond N., and A. P. Ingrassia, assignors to Masonite Corporation, Laurel, Miss. Lignin resins and making same. 2,562,898, Aug. 7.

Evans, Robert B., Grosse Pointe Shores, and S. M. Nampa, Detroit, Mich. Troopship type airplane seat structure. 2,556,076, June 5.

Evans, Robert B., Grosse Pointe Shores, S. M. Nampa, Detroit, and M. R. Fetterly, Tienton, assignors to Evans Products Company, Plymouth, Mich. Combination seat and bed. 2,556,077, June 5.

Evans, Robert D., Pierce, Fla., assignor to American Agricultural Chemical Company, New York, N. Y. Concentration of phosphate minerals. 2,553,905, May 22.

Evans, Ronald M., Ickenham, assignor to Glaxo Laboratories Limited, Greenford, England. 3-methyl-1-(1′-hydroxy - 2′6′,6′ - trimethylcyclohexyl)-octa-3,5-dien-1-yn-7-one and preparing same. 2,579,658, Dec. 25.

Evans, Russell T., and J. H. Clasen, Anaheim, Calif. Combined thrust bearing for disk harrow shafts. 2,540,661, Feb. 6.

Evans, Russell T. and W. R., and J. H. Clasen, Anaheim, Calif. Tractor actuated lift for wheeled disk harrows. 2,552,891, May 15.

Evans, Sidley O., Beaver Falls, assignor to The Babcock & Wilcox Tube Company, West Mayfield, Pa. Method of and system for obtaining oriented control images of weld zones in seam welding apparatus. 2,557,046, June 12.

Evans Specialty Company, Inc., assignee: *See*—
Evans, Luther W.

Evans, Theodore W.: *See*—
Hearne, George W., Evans, and Buls.
Whetstone, Richard R., and Evans.

Evans, Theodore W., Oakland, and R. C. Morris, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Separation of hydrocarbons with keto esters. 2,549,586, Apr. 17.

Evans, Thomas, Louisville, Ky., assignor., by mesne assignments, to Minneapolis-Moline Company. Implement hitch for tool bar implements. 2,575,801, Nov. 20.

Evans, Trevor E., Youngstown, Ohio. Towel-dispensing apparatus. 2,538,238, Jan. 16.

Evans, Truman, Jr., Tarentum, and P. M. Anderson, Brackenridge, assignors to Pittsburgh Plate Glass Company, Allegheny County, Pa. Knockdown shipping frame. 2,566,179, Aug. 28.

Evans, Val G.: *See*—
Tackett, James R., and Evans.

Evans, Walter C., and F. S. Mabry, Baltimore, Md., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Railway electronic safety control system. 2,542,803, Feb. 20.

Evans, Whiting, Brooklyn, N. Y. Clasp. 2,544,147, Mar. 6.

Evans, William E., Jr., Sacramento, Calif. Electron tube and circuit therefor. 2,547,631, Apr. 3.

Evans, William H., Chicago, Ill. Reamer segment and producing same. 2,537,818, Jan. 9.

Evans, William H., St. Louis, Mo. Drill head. 2,554,820, May 29.

Evans, William M., Inglewood, assignor to U. S. Electrical Motors, Inc., Los Angeles, Calif. Lubricating system. 2,579,039, Dec. 18.

Evans, William R.: *See*—
Evans, Russell T. and W. R., and Clasen.

Evatt, Robert B., Darrington, Wash. Arrow. 2,570,782, Oct. 9.

Even-Pul Foundations, Inc., assignee: *See*—
Rosner, Irving.
Morano, Patrick J.

Evensen, Sverre W., Fredrikstad, Norway. Molding structural slabs of cement and fiber. 2,569,157, Sept. 25.

Evenson, Emil E., New Effington, S. Dak. Ring. 2,537,449, Jan. 9.

Eventoff, Hyman: *See*—
Fusay, Jules, and Eventoff.

Everard, Joseph E., Cochrane, Ontario, Canada. Mechanical movement. 2,543,238, Feb. 27.

Everds, Bernard V.: *See*—
Cox, Sumner C., and Everds.

Everedy Company, The, assignee: *See*—
Lebherz, Harry J.

Everel Propeller Corporation, assignee: *See*—
Hackenthal, Paul, and Karey.

Everell, Kaleb E.: *See*—
Wallgren, August G. F., and Evrell.

Everest, Herbert A., and H. C. Jennings, Los Angeles, Calif. Convertible wheel chair. 2,561,616, July 24.

Everett, Arthur C., Boston, assignor to Pneumatic Scale Corporation, Limited, Quincy, Mass. Apparatus for handling containers. 2,543,280, Feb. 27.
Everett, Charles E., assignor to The Massey-Harris Company, Racine, Wis. Grain drier for combine harvesters. 2,537,186, Jan. 9.
Everett, Clyde S., and J. H. Ellis, Salem, Oreg., assignors to California Cotton Mills Company, Oakland, Calif. Table for rug sewing machines. 2,542,126, Feb. 20.
Everett, Edward F.: *See*—
Dickinson, Norman L., Everett, and Hill.
Everett, Harry F., assignor to Product Engineering Co., Portland, Oreg. Toy smoking gun. 2,561,849, July 24.
Everett, James W., assignor to Duncan Electric Manufacturing Company, La Fayette, Ind. Magnetic repulsion and attraction device. 2,555,791, June 5.
Everett, Leroy E., and E. A. Hund, Chicago, Ill., assignors, by mesne assignments, to Pettibone Mulliken Corporation. Mulling apparatus. 2,570,223, Oct. 9.
Everett, Samuel J., Thornton Heath, England. Forming glass tubing. 2,545,728, Mar. 20.
Everett, Samuel J., Thornton Heath, England. Apparatus for the manufacture of thermoplastic tubes. 2,545,729, Mar. 20.
Everett, Samuel J., Thornton Heath, England. Needle mount for hypodermic syringes. 2,564,804, Aug. 21.
Everett, William L., Wilmington, N. C. Fish and crab tongs. 2,578,344, Dec. 11.
Everhart, Arbor G., Great River, assignor to Federal Telephone and Radio Corporation, New York, N. Y. Direction finder circuit. 2,551,589, May 8.
Everhart, Elton A., assignee: *See*—
Jones, Eynon.
Everhart, John O.: *See*—
Eisner, Benjamin, Everhart, and Montgomery.
Evering, Bernard L.: *See*—
Lien, Arthur P., Evering, and Haeckl.
Roebuck, Alan K., and Evering.
Everitt, Orphius F., Elyria, Ohio. Coin-holding device. 2,569,629, Oct. 2.
Everitt, Philip F., and G. R. Jamieson, Seven Kings, England, assignors, by mesne assignments, to Kelvin & Hughes Limited. Sextant hatch. 2,578,234, Dec. 11.
Everlast Pen Corporation, assignee: *See*—
Hagel, Herbert N.
Everlasting Valve Company, assignee: *See*—
Wilson, Wylie G.
Evernden, Harold I. F., Hazelwood, Duffield, near Derby, assignor to Rolls-Royce Limited, Derby, England. Hydraulic power transmission system. 2,548,208, Apr. 10.
Evernden, Harold I. F., Hazelwood, Duffield, near Derby, assignor to Rolls-Royce Limited, Derby, England. Hydraulic power-transmission system. 2,557,421, June 19.
Evernden, Harold I. F., Hazelwood, Duffield, near Derby, and F. J. Hardy, Alvaston, Derby, assignors to Rolls-Royce Limited, Derby, England. Bearing support for a two-part universally coupled transmission shaft. 2,560,759, July 17.
Ever Ready Company (Great Britain) Limited, The, assignee: *See*—
Abel, Emil.
Ever-Rite Toy Co., Inc., assignee: *See*—
Zuckerman, Sam.
Evers, Alfred T., Chicago, Ill. Bed side guard. 2,555,228, May 29.
Evers, Clarence C., Davenport, Iowa, and R. D. Downing, Rock Island, Ill., assignors to International Harvester Company. Grain tank attachment. 2,540,249, Feb. 6.
Eversharp, Inc., assignee: *See*—
Fehling, Hans R.
Wahl, John C.
Evershed & Vignoles Limited, assignee: *See*—
Marchment, William T.
Needham, John C.
Eversole, Larken A.: *See*—
Kunkel, Gustave A., and Eversole.
Everston, Joseph H., Los Angeles, Calif. Shoe with a padded rear portion. 2,578,681, Dec. 18.
Ever Tick Corporation, assignee: *See*—
Wise, Lawrence.
Everts, Ambrose B., Seattle, Wash. Device for setting backfires. 2,576,930, Dec. 4.
Eves, Joseph R., assignor to American Optical Company, Southbridge, Mass. Device for hardening. 2,577,611, Dec. 4.
Evett, Arthur F., Brookfield, assignor to Central Commercial Industries, Inc., Cook County, Ill. Electric switch. 2,573,895, Nov. 6.
Evrell, Kaleb E., assignor to Aktiebolaget Bolinder-Munktell, Eskilstuna, Sweden. Pressure operated valve means for hydrostatic power transmitting systems. 2,549,897, Apr. 24.
Ewald, Howard H., Los Angeles, Calif. Pencil sharpener. 2,563,015, Aug. 7.
Ewaldson, Waldemar C., Millington, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Conductor guide in insulating machine. 2,543,525, Feb. 27.
Ewanyk, William, Norwalk, Conn. Combination tongue and box buckle. 2,574,695, Nov. 13.
Ewbank, Walter J.: *See*—
Briggs, Southwick W., and Ewbank.
Ewell, Robert G., Berkeley, Calif. Cabinet having a closure-carried shelf. 2,557,218, June 19.
Ewell, Willis G., Chicago, Ill. Chicken culling device. 2,567,664, Sept. 11.
Ewen, Douglas H.: *See*—
Rifkin, Ellis B., and Ewen.
Ewing, Alvin L., Chester, Va., assignor to E. I. du Pont de Nemours and Company, Wilmington, Del. Apparatus for yarn twisting. 2,577,571, Dec. 4.
Ewing, Alvin L., Richmond, Va., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Yarn-advancing reel. 2,554,670, May 29.
Ewing, Battle B., Leland, Miss., dedicated to the free use of the People in the territory of the United States. Liquid ammonia vaporizing and injecting system. 2,557,955, June 26.
Ewing, Clifton H., Westhampton, Mass., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Waste food grinder. 2,555,583, June 5.
Ewing Development Company, assignee: *See*—
Ewing, Walkley B.
Ewing, Walkley B., and Grebe.
Ewing, Walkley B., and Thayer.
Grebe, John J., and Ewing.
Ewing, Douglas H., Westmont, N. J., assignor to Radio Corporation of America. Flight simulation system. 2,536,495, Jan. 2.
Ewing, Douglas H., Westmont, N. J., assignor to Radio Corporation of America. Pictorial display radar system, including distance measuring system. 2,539,901, Jan. 30.
Ewing, Galen W., Schenectady, N. Y., assignor to Sterling Drug Inc., Wilmington, Del. Recording spectrophotometer. 2,551,833, May 8.
Ewing, Henry, Spondon, near Derby, England, assignor to Celanese Corporation of America. Making pile fabric. 2,567,327, Sept. 11.
Ewing, John L., San Marino, assignor to General Controls Co., Glendale, Calif. Throttling reset valve. 2,537,450, Jan. 9.
Ewing, John L., San Marino, assignor to General Controls Co., Glendale, Calif. Reset valve. 2,542,127, Feb. 20.
Ewing, Walker B., Grand Haven, Mich., and J. J. Grebe, Oakridge, Tenn., assignors to Ewing Development Company, Bay City, Mich. Sun screen with plastic warp. 2,547,632, Apr. 3.
Ewing, Walkley B.: *See*—
Grebe, John J., and Ewing.
Ewing, Walkley B., Grand Haven, assignor to Ewing Development Company, Bay City, Mich. Controlling advancement of stock. 2,565,450, Aug. 21.
Ewing, Walkley B., Grand Rapids, Mich., and S. W. Thayer, Melrose, Mass., assignors to Ewing Development Company, Grand Rapids, Mich. Intermittently feeding stock. 2,550,680, May 1.
Exact Weight Scale Company, The, assignee: *See*—
Schieser, Warren J., and Kelley.
Excel Auto Radiator Company, assignee: *See*—
Briskin, Theodore S.
Excel Tool & Die Co., Inc., assignee: *See*—
Gillich, Stephen G., and Littlehale.
Ex-Cell-O Corporation, assignee: *See*—
Esterline, Paul J.
Hall, John I.
Harding, Grant.
Hoffer, James F.
Karweit, John W.
Le May, Carl F.
Excelsior Loom Reed Works, Inc., assignee: *See*—
Hornig, Arno.
Exhibit Supply Company, assignee: *See*—
Carlson, Elmer.
Hughes, Edward H.
Exibard, Charlotte, assignor to C. Ouriel, Nice, France. Implements for the eradication of corns on the feet and their manufacture. 2,563,163, Aug. 7.
Exley, George A., Baltimore, assignor to Bendix Aviation Corporation, Towson, Md. Record changer. 2,542,759, Feb. 20.
Exley, Leo F., Johnson City, assignor to Endicott Johnson Corporation, Endicott, N. Y. Sole mold selector and conveyer. 2,573,251, Oct. 30.
Exley, Reginald C., Sr., Fairview, Pa. Artificial bait. 2,552,946, May 15.
Exmet Electrical Corporation, assignee: *See*—
Horsfall, James, Felsenthal, and Bowden.
Knight, Walter F.
Exner, Frank M.: *See*—
Anderson, John M., Exner, and Haselberger.
Exolon Company, The, assignee: *See*—
Amberg, Charles R., and Walton.
Expandex Visible Filing Company Limited, assignee: *See*—
Ellis, Leonard G.
Extended Surface Division of David E. Kennedy, Inc., assignee: *See*—
Schryber, Emil A.
Extruded Plastics, Inc., assignee: *See*—
Slaughter, Charles E.
Eyck, Andrew G. T., Detroit, Mich. Iron cord support. 2,543,613, Feb. 27.
Eye, William J., and C. W. Hull, said Eye assignor to A. R. Hull, Bartow, W. Va. Single pedal combination hydraulic and mechanical vehicle brake. 2,574,255, Nov. 6.

Eye Glass Products, Inc., assignee: *See*—
Nyberg, Curt E.
Eyelet Specialty Company, The, assignee: *See*—
Hopgood, Robert B.
Isele, Louis E.
Thompson, William G., and Hopgood.
FKG Fritz Kesselring Gerätebau Aktiengesellschaft, Bachtobel-Weinfelden: *See*—
Kesselring, Fritz.
F. N. F. Limited, assignee: *See*—
Hannay, Robert S. E.
FR Corporation, The, assignee: *See*—
Barth, Robert M.
Steans, George L.
F-S-K Manufacturing Company Incorporated, assignee: *See*—
Fels, William.
Faatz, Embry D., Sidney, assignor to Bendix Aviation Corporation, New York, N. Y. Spark plug assembly. 2,576,176, Nov. 27.
Fabel, George W., Fulton, N. Y., assignor to General Electric Company. Cathode-ray tube support. 2,545,348, Mar. 13.
Faber, Arthur F., Erie, and C. D. Ellis, Fairview Township, Erie County, Pa. Indicating device for indicating the next dealer in a card game. 2,570,535, Oct. 9.
Faber, John J.: *See*—
Stroup, Walter W., and Faber.
Faber, Paul, assignor to Aktiengesellschaft Brown, Boveri & Cie, Baden, Switzerland. Fluid cooled rotor structure. 2,555,924, June 5.
Faber, William F., Hillside, N. J., assignor, by mesne assignments, to D. L. Sherman, Flushing, N. Y., as trustee. Apparatus for continuously producing combustible gas. 2,563,460, Aug. 7.
Faber, Wilmer P., Denver, Colo. Cast metal model railroad track. 2,576,828, Nov. 27.
Fabergé Inc., assignee: *See*—
Piccoli, Girolamo.
Fabis, Anthony J., Chicago, Ill. Receptacle. 2,571,226, Oct. 16.
Fabregat, Manuel P., Barcelona, Spain. Machine for devulcanizing and regenerating vulcanized rubber. 2,543,315, Feb. 27.
Fabric Research Laboratories, Inc., assignee: *See*—
Kaswell, Ernest R.
Fabrics, Inc., assignee: *See*—
Aronov, Aaron M.
Facchini, Rigo R., Kington, Mass. Fluid level gauge. 2,554,100, May 22.
Fachon, Emil E., Edgewood, R. I., assignor to Bulova Watch Company, Inc., New York, N. Y. Clasp for bracelets. 2,552,415, May 8.
Factly, Henry V., Burlington, Ill. Lug remover for dual wheel assemblies. 2,550,542, Apr. 24.
Factor, Max, & Co., assignee: *See*—
Crane, Walton B.
Faeber, Harry W., Larchmont, assignor to Time, Incorporated, New York, N. Y. Coating continuous webs of paper or the like. 2,555,536, June 5.
Faeber, Harry W., Larchmont, assignor to Time, Inc., New York, N. Y. Roller coating machine. 2,556,032, June 5.
Faeber, Harry W., Larchmont, assignor to Time, Inc., New York, N. Y. Coating paper. 2,556,262, June 12.
Faeber, Harry W., Larchmont, assignor to Time, Incorporated, New York, N. Y. Enclosed gravure fountain. 2,579,181, Dec. 18.
Fafnir Bearing Company, The, assignee: *See*—
Noe, Frank.
Smith, John W.
Fagan, Herbert C., assignor to Schlumberger Well Surveying Corporation, Houston, Tex. Casing collar locator. 2,558,427, June 26.
Fagan, Joseph S., Los Angeles, Calif. Portable heater. 2,556,804, June 12.
Fagen, William F.: *See*—
Farr, Willard H., Fagen, and Kolanowski.
Fagerstrom, Elmer L.: *See*—
Johnson, Arthur W., and Fagerstrom.
Fagin, Samuel L., New York, N. Y., assignor to Engineering & Research Corporation, Riverdale, Md. Zero return for electromechanical integrators. 2,579,731, Dec. 25.
Fahey, Edward W., Chicago, Ill., assignor to Shellmar Products Corporation, Mount Vernon, Ohio. Apparatus for handling and packaging eggs. 2,564,056, Aug. 14.
Fahey, James H.: *See*—
Yonkers, Edward H., and Fahey.
Fahey, Robert J., St. Louis, Mo. Plural tone duck call. 2,551,367, May 1.
Fahland, Frank, Omaha, Nebr. Load-carrying structure for vehicles. 2,567,328, Sept. 11.
Fahland, Frank, Omana, Nebr. Cargo-supporting crossbar. 2 575,550, Nov. 20.
Fahnestock, Frank C.: *See*—
Utterback, Ernest, and Fahnestock.
Fahnestock, Frank C., Manhasset, N. Y., assignor to Socony-Vacuum Oil Company, Incorporated. Hydrocarbon conversion and catalyst regeneration apparatus. 2,548,295, Apr. 10.
Fahnoe, Frederick, Easton, Pa., assignor to General Aniline & Film Corporation, New York, N. Y. Acetals of propargyl alcohol. 2,563,325, Aug. 7.
Fahnoe, Harold H.: *See*—
Rawlins, Herbert L., and Fahnoe.
Fahnoe, Harold H., Wilkinsburg, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Circuit interrupter. 2,567,768, Sept. 11.
Fahrenkrog, Henry D.: *See*—
Fahrenkrog, Herman and H. D.
Fahrenkrog, Herman, near Walcott, and H. D. Fahrenkrog, Davenport, Iowa. Shield or guard for blower nozzles. 2,566,878, Sept. 4.
Fahrlander, Henry W., Hamilton, Ohio. Magnetic flow gauge. 2,574,866, Nov. 13.
Fahrner, Joseph A., U. S. Navy. Electronic timing device. 2,563,828, Aug. 14.
Fahrner, Ted: *See*—
Connor, John C., and Fahrner.
Fahrni, Fred, Zurich, Switzerland. Apparatus for applying adhesive to a mass of wood chips. 2,542,804, Feb. 20.
Failing, George E., Supply Company, The, assignee: *See*—
Braithwaite, Albert W.
Yarborough, Joel E.
Failor, Charles W., Forest Hills, assignor to The Union Switch & Signal Company, Swissvale, Pa. Circuits for controlling electric locks on railway track switches. 2,561,917, July 24.
Failor, Charles W., Forest Hills, and J. R. Henderson, Wilkinsburg, Pa., assignors to Westinghouse Air Brake Company. Railway traffic controlling apparatus. 2,568,997, Sept. 25.
Fails, Wesley A.: *See*—
Schmitt, Otto H., Fromm, Fails, and Kasindorf.
Fain, Mitchell S., Cheshire, Conn. Mobile vacuum stripper for carding machines. 2,573,556, Oct. 30.
Fainman, Morton, assignor to Standard Oil Company, Chicago, Ill. Anticorrosion compositions. 2,580,288, Dec. 25.
Fair, Glenn T., Belvidere, Ill. Semirevolving vehicle seat. 2,576,004, Nov. 20.
Fairbairn, Walter M.: *See*—
Seborg, Earnest Y., and Fairbairn.
Fairbank, Benjamin A., Cambridge, assignor to Dewey and Almy Chemical Company, North Cambridge, Mass. Packaging method. 2,555,584, June 5.
Fairbank, Benjamin A., Cambridge, assignor to Dewey and Almy Chemical Company, North Cambridge, Mass. Packaging. 2,555,585, June 5.
Fairbank, Murry N.: *See*—
Wolff, Otto E., Fairbank, and Rolando.
Fairbank, Murry N., Belmont, assignor to Polaroid Corporation, Cambridge, Mass. Photographic apparatus. 2,538,511, Jan. 16.
Fairbank, Murry N., Belmont, assignor to Polaroid Corporation, Cambridge, Mass. Sheet-arresting mechanism for photographic apparatus. 2,543,159, Feb. 27.
Fairbank, Murry N., Belmont, assignor to Polaroid Corporation, Cambridge, Mass. Photographic apparatus. 2,543,160, Feb. 27.
Fairbanks, Carl L., Milwaukee, Wis. Drawing compass. 2,557,500, June 19.
Fairbanks, Morse & Co., assignee: *See*—
Anderson, Gordon R.
Anderson, Gordon R., and Gibbs.
Baker, Millard H.
Bower, Clark D.
Charles, Louis J., and Justus.
Culver, Laurence R.
Davids, John H.
Endsley, Louis E.
Endsley, Louis E., and Justus.
Miner, Howard W.
Owens, James W.
Schowalter, Clarence H.
Fairbrother, Frederic A., Jr.: *See*—
Madison, Ralph E., and Fairbrother.
Fairchild Camera and Instrument Corporation, assignee: *See*—
Boyajean, John A., Jr.
Doyle, Irving W., and Hale.
Doyle, Irving W., Herbstreit, and Weiblen.
Moore, David W., Jr.
Moore, David W., Jr., and Nash.
Redemske, Ralph F.
Fairchild, Charles O., St. Albans, N. Y., assignor, by mesne assignments, to Weston Electrical Instrument Corporation, Newark, N. J. Pressure fluid servomotor with light responsive follow-up means. 2,538,618, Jan. 16.
Fairchild Engine and Airplane Corporation, assignee: *See*—
Jacobson, Joel M.
Stevens, Charles E., Jr.
Fairchild, Wayne K., Renton, assignor to H. F. Smidt, Seattle, Wash. Clothespin. 2,564,327, Aug. 14.
Fairest, Morgan, assignor to Morgan Fairest Limited, Sheffield, England. Traverse mechanism for grinding machines and the like. 2,550,543, Apr. 24.
Fairest, Morgan, Limited, assignee: *See*—
Fairest, Morgan.
Fairey Aviation Company Limited, The, assignee: *See*—
Bishop, James W.
Doblhoff, Friedrich L.
Hodson, Charles F., and Morrey.
Lisle, William G., and Churn.
Lyon, Gerald.

Fairey, Charles R., Hayes, England. Wind-driven power generator. 2,579,311, Dec. 18.
Fairfield, Otis E., Milford, N. H., and A. J. Durso, Lynn, Mass. Oil burner nozzle. 2,556,493, June 12.
Fairley, Frank: *See*—
Jacobsen, Bent B.,, and Fairley.
Fairmont Railway Motors, Inc., assignee: *See*—
Eustis, Irving N.
Eustis, Irving N., and McDonald.
Fairmount Glass Works, Inc., assignee: *See*—
Collins, James E.
Fairweather, David A. W.: *See*—
Chamberlain, Kenneth A. J., and Fairweather.
Coffey, Samuel, Fairweather, Hathway, and Slinger.
Coffey, Samuel, Fairweather, Lodge, and Wardleworth.
Faith, Herman E., Indianapolis, Ind., assignor to Allied Laboratories, Inc., Kansas City, Mo. 2-hydroxymethyl-6-chlorothymol. 2,560,760, July 17.
Faith, Herman E., New Palestine, Ind., assignor to Allied Laboratories, Inc., Kansas City, Mo. 2,2-methylenebis-(4-chloro-6-acetamido-phenol) and its production. 2,560,939, July 17.
Faith, Herman E., New Palestine, Ind., assignor to Allied Laboratories, Inc., Kansas City, Mo. 2,2'-methylenebis (4-chlorophenoxyacetic acid) and its production. 2,565,171, Aug. 21.
Faith, Herman E., New Palestine, and H. J. Florestano, Indianapolis, Ind., assignors to Allied Laboratories, Inc., Kansas City, Mo. Unsymmetrical dichloro-dihydroxybenzophenones and their production. 2,565,300, Aug. 21.
Faix, Frederick, Union, N. J. Sheet metal puttyless skylight. 2,537,216, Jan. 9.
Falchetto, Battista G., Torino, Italy, assignor to Motom G. m. b. H., Zurich, Switzerland. Frame for two or three wheeled vehicles. 2,545,142, Mar. 13.
Falco, Elvira A.: *See*—
Hitchings, George H., and Falco.
Hitchings, George H., Russell, and Falco.
Falconer, Robert W., Lancaster, N. Y., assignor to ATF Incorporated, Elizabeth, N. J. Crimping device. 2,569,850, Oct. 2.
Faley, Edward A., assignee: *See*—
Negro, John.
Falge, Raymond L., Bethesda, Md. Plural socket flashlight having flexible switch-operating container. 2,553,307, May 15.
Falk, Alfred E.: *See*—
Buckbee, John A., and Falk.
Falk Corporation, The, assignee: *See*—
Bade, Alfred G.
Falk, Louis W.
Holloway, Edward R.
Nyl, John R.
Schmitter, Walter P.
Wellauer, Edward J.
Falk, Gerhard E. A., Hamburg, Germany. Folding maps and the like. 2,572,460, Oct. 23.
Falk, Harold W., Minneapolis, assignor to Wright Products, Inc., St. Paul Park, Minn. Window fastener. 2,539,066, Jan. 23.
Falk, Irvin A., San Francisco, Calif. Timing device for stethoscopes. 2,546,890, Mar. 27.
Falk, Irving M., assignor to Nu Pocket Method Company, Philadelphia, Pa. Garment pocket. 2,577,318, Dec. 4.
Falk, Louis W., assignor to The Falk Corporation, Milwaukee, Wis. Gear set. 2,555,586, June 5.
Falk, Louis W., assignor to The Falk Corporation, Milwaukee, Wis. Machine wrench. 2,558,612, June 26.
Falk, Marian C., Boise, Idaho. Pour container. 2,561,568, July 24.
Falk, Samuel, Elmhurst, N. Y. Resilient finger grip for thermometers. 2,579,376, Dec. 18.
Falk, Sven G., assignor to Svenska Aktiebolaget Philips, Stockholm, Sweden. Clutch operator for phonograph tone arm drives. 2,559,117, July 3.
Falkenburg, Lee B., Decatur, A. J. Lewis, and J. C. Cowan, Peoria, Ill., assignors to the United States of America as represented by the Secretary of Agriculture. Coating compositions. 2,550,682, May 1.
Falkenstein, Louis F., Dedham, Mass. Course or condition maintaining mechanism. 2,565,213, Aug. 21.
Falkirk Iron Company Limited, The, assignee: *See*—
Bradley, Percy R.
Falkner, Albert R., New Kensington, Pa. Moving means for building blocks. 2,564,357, Aug. 14.
Fallek, Joseph, Chicago, Ill. Lamp socket having means to releasably lock the end of a fluorescent lamp therein. 2,569,662, Oct. 2.
Faller, Donald D., Denver, Colo., assignor, by mesne assignments, to Penn Electric Switch Co., Goshen, Ind. Closure for pressure reducing valves. 2,558,292, June 26.
Faller, Leopold, Brooklyn, N. Y. Bronzing machine. 2,564,680, Aug. 21.
Faller, Leopold, Brooklyn, N. Y. Bronzing machine. 2,564,681, Aug. 21.
Faller, Leopold, Brooklyn, N. Y. Bronzing machine. 2,574,633, Nov. 13.
Fallert, Clifford D., assignor to Gaylord Container Corporation, St. Louis, Mo. Garment container. 2,561,053, July 17.
Fallert, Robert J.: *See*—
Dusek, Joseph F., and Fallert.
Fallesen, George E., and R. E. Stauffer, assignors to Eastman Kodak Company, Rochester, N. Y. Direct positive photographic color process. 2,566,180, Aug. 28.
Falloon, Shirley W. H. W., Chelmsford, England, assignor to Radio Corporation of America. Radio system, based on echo pulse principle and utilizing a modified omnidirectional receiver, for aiding aircraft landing. 2,536,496, Jan. 2.
Falls Spring & Wire Company, assignee: *See*—
Jackson, Charles F.
Shaner, Anthony, and Hampson.
Van Hove, Desire H.
Falls Stamping and Welding Company, The, assignee: *See*—
Alderfer, Sterling W., and Thompson.
Lange, John J., and Maranville.
Falone, Angelo C., Northfield, and R. H. Alschuler, Glencoe, Ill. Trouser waistband fastening means. 2,572,126, Oct. 23.
Falson, Phillip J., Chicago, Ill. Conduit box cover. 2,574,382, Nov. 6.
Falstrom Company, assignee: *See*—
Zeh, Edward A.
Fama, Georges: *See*—
Astill, Albert A., and Fama.
Fancher, John H., Chatham, assignor to Red Devil Tools, Irvington, N. J. Apparatus for cutting plate glass. 2,538,901, Jan. 23.
Fancher, Otis E., assignor to Miles Laboratories, Inc., Elkhart, Ind. Beta-tetrahydrofluoranthoyl propionic acid and salts thereof. 2,560,425, July 10.
Fancher, Otis E.: *See*—
Olin, Stephen M., and Fancher.
Fanger, Herman J., Los Gatos, Calif. Forming a welded connection and means therefor. 2,563,107, Aug. 7.
Fanlator, Inc., assignee: *See*—
Chase, Benjamin R.
Fannen, John, and A. Duerksen, assignors to Super Mold Corporation of California, Lodi, Calif. Tire tube vulcanizing unit. 2,538,149, Jan. 16.
Fannen, John J., assignor to Super Mold Corporation of California, Lodi, Calif. Electrically heated retreading mold for tires. 2,570,657, Oct. 9.
Fanning, William T., Brentwood, Md. Garment hanger. 2,552,161, May 8.
Fanslow, Benjamin O., Rockville Centre, N. Y. Electric cord adjusting reel. 2,576,335, Nov. 27.
Fansteel Metallurgical Corporation, assignee: *See*—
Halverson, Gilbert, and Kleis.
Hunter, Frederick L.
Kleis, John D.
Kleis, John D., and Halverson.
Fantini, Francesco, Milan, Italy. Humidity and temperature responsive control apparatus. 2,538,192, Jan. 16.
Fantl, Joel, Springfield, Mass., assignor to Monsanto Chemical Company, St. Louis, Mo. Styrenated alkyd-melamine sulfonamide ether resins. 2,580,289, Dec. 25.
Farbak, John E.: *See*—
Brown, Leo C., and Farbak.
Farbenfabriken, Bayer, assignee: *See*—
Jonas, Heinz, and Thraum.
Schrader, Gerhard.
Farber, Eduard, assignor to Timber Engineering Company, Washington, D. C. Preparing cupric ammonium arsenite solutions. 2,573,252, Oct. 30.
Farber, Eduard, assignor to Timber Engineering Company, Washington, D. C. Producing cupric ammonium borate solutions. 2,573,253, Oct. 30.
Farber, Eduard, assignor to Timber Engineering Company, Washington, D. C. Treatment of wood waste. 2,574,027, Nov. 6.
Farber, Edward R., assignor to Strobo Research, Milwaukee, Wis. Remotely controlled flash unit. 2,546,734, Mar. 27.
Farber, S. W., Inc., assignee: *See*—
Victory, Thomas F.
Farbwerke Hoechst Vormals Meister Lucius & Bruning, assignee: *See*—
Ehrhart, Gustav.
Ruschig, Heinrich.
Thomsen, Christoph N. J.
Farhat, Annis A., West Los Angeles, assignor to Douglas Aircraft Company, Inc., Santa Monica, Calif. Rotary shaft seal. 2,547,633, Apr. 3.
Faria, Louis, Louisville, Ky., assignor to Reynolds Metals Company, Richmond, Va. Bottle carrier. 2,568,436, Sept. 18.
Faries Manufacturing Company, assignee: *See*—
Laystrom, Carl A., and Sigler.
Faris, William W., Webster Groves, Mo. Minnow bucket. 2,539,412, Jan. 30.
Faris, William W., Webster Groves, Mo. Container. 2,543,839, Mar. 6.
Farkas, Eugene J.: *See*—
Weeks, Roy F., and Farkas.
Farkas, Eugene J., Detroit, assignor to Ford Motor Company, Dearborn, Mich. Control for automatic transmissions. 2,549,073, Apr. 17.

Farkas, Eugene J., Detroit, assignor to Ford Motor Company, Dearborn, Mich. Automatic transmission. 2,566,518, Sept. 4.
Farkas, Eugene J., Detroit, assignor to Ford Motor Company, Dearborn, Mich. Automatic transmission. 2,566,519, Sept. 4.
Farkas, Eugene J., Detroit, assignor to Ford Motor Company, Dearborn, Mich. Multispeed automatic transmission. 2,576,336, Nov. 27.
Farkas, Eugene J., Detroit, assignor to Ford Motor Company, Dearborn, Mich. Overrunning sprag type clutch. 2,576,337, Nov. 27.
Farkas, Eugene J., Laguna Beach, Calif., assignor to Ford Motor Company, Dearborn, Mich. Automatic transmission. Re. 23,436, Dec. 4.
Farkas, Eugene J., and J. W. Rackle, Detroit, assignors to Ford Motor Company, Dearborn, Mich. Sprag type overrunning clutch. 2,542,914, Feb. 20.
Farkas, Eugene J., and J. W. Rackle, Detroit, assignors to Ford Motor Company, Dearborn, Mich. Automatic transmission. 2,568,798, Sept. 25.
Farkas, George B., Jackson Heights, assignor to American Locomotive Company, New York, N. Y. Heat exchanger. 2,552,416, May 8.
Farkas, John G., St. Paul, Minn. Jack structure. 2,565,805, Aug. 28.
Farkas, Martin D.: *See*—
Weaver, Joe C., Jr., and Farkas.
Farkas, Pierre, Boulogne-sur-Seine, France. Vehicle brake. 2,575,706, Nov. 20.
Farkas, Pierre, Paris, France. Expanding brake operator. 2,566,879, Sept. 4.
Farkas, Pierre, Paris, France. Brake for automobile vehicles and the like. 2,571,432, Oct. 16.
Farkas, Seymour, Astoria, N. Y. Holder for dispensing packages. 2,546,635, Mar. 27.
Farkas, Thomas P., Hartford, Conn., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electrical impulse counting system. 2,561,730, July 24.
Farley, Alfred E., Chicago, Ill. Making mechanical overlays. 2,579,182, Dec. 18.
Farley, Vincent G., Montclair, N. J. Switch and operating means therefor. 2,570,783, Oct. 9.
Farly, George M., and D. A. Mack, Berkeley, Calif., assignors to the United States of America as represented by the United States Atomic Energy Commission. Monitoring circuit. 2,550,460, Apr. 24.
Farm-Aid Implement Company, assignee: *See*—
Martin, Charles H.
Farmer, Daniel E., Danbury, Conn., assignor to Sperry Products, Inc., Hoboken, N. J. Automatic regulation of rail flaw detection sensitivity. 2,540,870, Feb. 6.
Farmer, Edward B., Waban, Mass. Cold cathode timer. 2,567,928, Sept. 18.
Farmer, Fanny, Candy Shops, Inc., assignee: *See*—
Mayberry, Milo G.
Farmer, Josselyn L.: *See*—
Shelton, Robert S., Farmer, and Tilford.
Farmer, Paul M., West Orange, N. J. Package holder. 2,563,928, Aug. 14.
Farmer, Quentin B., Dundalk, Md., assignor to Bethlehem Steel Company. Electroplating apparatus. 2,554,943, May 29.
Farmers Engineering & Manufacturing Co., assignee: *See*—
Agnew, Norman F.
Farnell, George, Phillipsburg, N. J., assignor to Ingersoll-Rand Company, New York, N. Y. Radiation pyrometer. 2,556,841, June 12.
Farnham, George V.: *See*—
Young, Henry E., and Farnham.
Farnham, Maurice R., Aberdeen, S. Dak. Protective toothbrush holder. 2,564,472, Aug. 14.
Farnham, Paul O., Mountain Lakes, assignor to Aircraft Radio Corporation, Boonton, N. J. Noise limiter for radio receivers. 2,538,150, Jan. 16.
Farnham, Paul O., Mountain Lakes, assignor to Aircraft Radio Corporation, Boonton, N. J. High-frequency oscillator. 2,566,606, Sept. 4.
Farnsworth, George B., Ojai, assignor of one-fourth to T. E. Piper, Santa Monica, Calif. Hardening cast iron. 2,538,239, Jan. 16.
Farnsworth Research Corporation, assignee: *See*—
Alexander, Maurice L.
Bartels, Arnold H.
Booher, Ortis C., and Baxter.
Brown, William T., and Girardot.
Buckbee, John A.
Buckbee, John A., and Falk.
Bugg, Kenly C.
Cowles, Robert J.
Curtis, John A.
Erbe, Alfred R.
Essig, Sanford F.
Ferguson, Joseph C.
Fuller, Wendell A.
Goodwin, Vernon, Jr.
Halstead, William S.
Harris, Albert S.
Havens, Arthur R.
Henroteau, Francois C. P.
Henroteau, François C. P., and Ulrich.
Jones, Townsend S.

Farnsworth Research Corporation, assignee: *See*—Con.
Kibler, Paul J.
Lapish, Arlington V.
Larson, Christian C.
Luckock, Wayne J.
Mayle, Louis F.
Myers, William H.
Salinger, Hans W. G.
Sanders, Robert W.
Selgin, Paul J.
Farnsworth, Roscoe E., Oakland, Calif. Automatic liquid drain. 2,546,434, Mar. 27.
Farnsworth Television & Radio Corporation, assignee: *See*—
Mayle, Louis F.
Farnworth, Edwin, and G. H. Wood, Jr., Warwick, East Greenwich, R. I., assignors, by mesne assignments, to The Aspinook Corporation, Jewett City, Conn. Calender finishing nylon fabric. 2,577,957, Dec. 11.
Farquhar, A. B., Company, assignee: *See*—
Tranter, Watson W.
Farquhar, Josephine C., Philadelphia, Pa. Blouse holder. 2,567,277, Sept. 11.
Farquharson, William J., Toronto, Ontario, Canada. Combination liquid dispenser and mixer. 2,556,494, June 12.
Farr, Charles D., Memphis, Tenn. Lumber stacking vehicle. 2,555,792, June 5.
Farr Company, assignee: *See*—
Farr, Richard S.
Farr, Richard S., and Esselman.
Farr, Lloyd A., Inglewood, Calif. Fish lure. 2,569,465, Oct. 2.
Farr, Richard S., assignor to Farr Company, Los Angeles, Calif. Filter unit. 2,537,217, Jan. 9.
Farr, Richard S., Los Angeles, and R. B. Esselman, San Gabriel, assignors to Farr Company, Los Angeles, Calif. Air handling apparatus. 2,552,847, May 15.
Farr, Willard H., Chicago, Ill., W. F. Fagen, Gainesville, Fla., and S. C. Kolanowski, assignors to Stewart-Warner Corporation, Chicago, Ill. Detection of toxic gases, particularly carbon monoxide. 2,553,179, May 15.
Farrall, Arthur W., East Lansing, Mich., assignor, by mesne assignments, to Research Corporation, New York, N. Y. Radiant heater having plural reflectors for preventing frost damage to plant life. 2,577,410, Dec. 4.
Farrand, Clair L., Scarsdale, N. Y., assignor to Farrand Optical Co., Inc. Sphygmomanometer. 2,571,124, Oct. 16.
Farrand Optical Co., Inc., assignee: *See*—
Barcus, Leonard F.
Farrand, Clair L.
Farrans Limited, assignee: *See*—
McMullan, William.
Farrar, Alvin J., assignor to Republic Steel Corporation, Cleveland, Ohio. Pallet construction. 2,568,582, Sept. 18.
Farrar, John F. P., assignor to Chicago Metal Hose Corporation, Maywood, Ill. Coupling structure. 2,575,338, Nov. 20.
Farrar, William G., Jr., Ottawa, Ill. Artificial limb. 2,542,316, Feb. 20.
Farrel-Birmingham Company, Inc., assignee: *See*—
Nalon, Thomas M.
Farrel-Birmingham Company, Incorporated, assignee: *See*—
Kemp, Arthur W.
Farrell, Fred, Cedar Rapids, Iowa, assignor to Electrical Engineers Equipment Company, Melrose Park, Ill. Mounting means for circuit breakers or the like. 2,547,156, Apr. 3.
Farrell, Frederick L.: *See*—
Farrell, Sydney T. and F. L.
Farrell, Hugh: *See*—
Leininger, Paul M., and Farrell.
Farrell, James A., assignor to Cadillac Products, Inc., Detrait, Mich. Shipping carton for glass. 2,556,529. June 12.
Farrell, James A., Detroit, Mich. Shipping pallet. 2,576,715, Nov. 27.
Farrell, James K., and P. A. Keene, Syracuse, N. Y., assignors to Allied Chemical & Dye Corporation. Concentration control system. 2,576,253, Nov. 27.
Farrell, Richard R., assignor to Universal Lubricating Systems, Inc., Oakmont, Pa. Fluid control means. 2,546,258, Mar. 27.
Farrell, Robert A., Menasha, assignor to Marathon Corportation, Rothschild, Wis. Leakproof and siftproof package. 2,569,851, Oct. 2.
Farrell, Sydney T. and F. L., Belmont, Mass. Self-locking nut. 2,570,658, Oct. 9.
Farrell, Valdemar C., West Englewood, N. J. Hoisting apparatus. 2,562,086, July 24.
Farrell, Valdemar C., West Englewood, N. J. Hoisting apparatus. 2,562,087, July 24.
Farrell, Valdemar C., West Englewood, N. J. Ship and cargo deck construction. 2,564,966, Aug. 21.
Farrell, William S., Los Angeles, Calif. Coin-operated time controlled mechanism. 2,538,358, Jan. 16.

Farrelly, Francis J., deceased, New York, and P. Catanzaro, Brooklyn, N. Y; M. Farrelly, executrix of said F. J. Farrelly, assignor to said Catanzaro and P. Guba, Ridgefield, N. J. Whirlpool bath. 2,555,686, June 5.
Farrelly, Mary, executrix: *See*—
Farrelly, Francis J., and Catanzaro.
Farren, Leslie I., and N. E. Head, Sudbury, Wembley, and M. M. Levy, Earls Court, assignors to The General Electric Company, Limited, London, England. Electric pulse signaling system. 2,578,527, Dec. 11.
Farrington Manufacturing Company, assignee: *See*—
Vogt, Lucien E.
Farrington, Thayer B., Cleveland Heights, W. T. Keller, and H. L. Dalzell, assignors to The Thompson Electric Company, Cleveland, Ohio. Overhead mounting for tubular lighting fixtures. 2,564,328, Aug. 14.
Farrow, Joseph, New York, N. Y. Griddle cleaning device. 2,540,816, Feb. 6.
Farrow, Percy, Minster, Sheppey, and F. H. Honey, assignors to Canning Town Glass Works Limited, Queenborough, England. Application of transfers to glass-, ceramic-, and other ware. 2,546,360, Mar. 27.
Farwell, Harry R., Quincy, Ill. Screen printing apparatus. 2,540,326, Feb. 6.
Fasano, Fred A., New York, N. Y. Self-propelled toy. 2,571,554, Oct. 16.
Fasce, Egi V., Baton Rouge, La., assignor to Standard Oil Development Company. Selective oxidation process for producing fatty acids and alcohols. 2,537,577, Jan. 9.
Fasce, Egi V., Baton Rouge, La., assignor to Standard Oil Development Company. Oxidation process to form free fatty acids. 2,553,364, May 15.
Fasco Industries, Inc., assignee: *See*—
Bean, Frank R.
Fashioncraft Products, assignee: *See*—
Wells, Louis.
Fasig, Wayne R., Chula Vista, Calif. Bullet clamping device. 2,552,772, May 15.
Fasold, George A., Mount Healthy, and H. W. Greider, Wyoming, Ohio, assignors to The Philip Carey Manufacturing Company. Coated roofing. 2,552,947, May 15.
Fasold, George A., Mount Healthy, and H. W. Greider, Wyoming, Ohio, assignors to The Philip Carey Manufacturing Company. Roofing and the manufacture thereof. 2,555,401, June 5.
Fasold, George A., Mount Healthy, and H. E. Callahan, Hamilton County, Ohio, assignors to The Philip Carey Manufacturing Company. Vapor barrier paper and the manufacture thereof. 2,568,849, Sept. 25.
Fasold, George A., Mount Healthy, and H. E. Callahan, Silverton, Ohio, assignors to The Philip Carey Manufacturing Company. Vapor barrier paper and the manufacture thereof. 2,568,850, Sept. 25.
Fasoli, Paul A., Granville, assignor to The Sandy Hill Iron & Brass Works, Hudson Falls, N. Y. Water seal for oil lubricated bearings. 2,541,645, Feb. 13.
Fasoli, Paul A., assignor to The Sandy Hill Iron & Brass Corporation, Hudson Falls, N. Y. Bearing. 2,563,778, Aug. 7.
Fason, Thomas M., Knoxville, Tenn. Tube coupling. 2,570,224, Oct. 9.
Fassnacht, Hartwell H., Wenonah, N. J., and C. A. Woodbury, Media, Pa., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Producing cyclonite-containing explosive. 2,548,880, Apr. 17.
Fassnacht, Paul H., West Nyack, assignor to Precision Shapes, Inc., Suffern, N. Y. Jig for milling. 2,577,116, Dec. 4.
Fast, Christiane G., assignee: *See*—
Fast, Gustave.
Fast, Edwin: *See*—
Doan, Richard L., and Fast.
Fast, Gustave, deceased, Salisbury, Md.; F. W. C. Webb, administrator, assignor to C. G. Fast. Shaft seal. 2,571,352, Oct. 16.
Fate-Root-Heath Company, The, assignee: *See*—
Detwiler, Merle C.
Fath, Douglas W., assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Electric switch. 2,550,792, May 1.
Faton, Joseph L. R., Neuilly sur Seine, assignor to Societe Anonyme des Manufactures des Glaces et Produits Chimiques de Saint-Gobain, Chauny & Cirey, Paris, France. Closure of autoclaves and the like. 2,538,089, Jan. 16.
Fatzinger, Erastus A.: *See*—
Reimert, Lawrence J., and Fatzinger.
Faudell, Charles L., Wexham Street, near Stoke Poges, assignor to Electric & Musical Industries Limited, Hayes, Middlesex, England. Electrical integrating circuits. 2,568,914, Sept. 25.
Faulhaber, James W., Cleveland, F. W. Fisher and H. C. Simons, Maple Heights, assignors to Eaton Manufacturing Company, Cleveland, Ohio. Vehicle heater. 2,542,317, Feb. 20.
Faulk, Donald P.: *See*—
Dawson, John W., and Faulk.
Faulk, Donald P., Lexington, assignor to Raytheon Manufacturing Company, Newton, Mass. Sequence and welding timer. 2,577,411, Dec. 4.
Faulk, Raymond B., Dearborn, Mich. Decorative panel. 2,545,809, Mar. 20.
Faulkinbury, Odus G., Lebanon, Ind. Beauty operator's appliance holder. 2,563,594, Aug. 7.
Faulkner, Charles E., Chicago, Ill. Inking perforator. 2,556,687, June 12.
Faulkner, Donald, Epsom, England, assignor to The Distillers Company Limited, Edinburgh, Scotland. Cyanalkyl ether plasticizers and synthetic resin compositions plasticized therewith. 2,553,308, May 15.
Faulkner, Donald, Cambridge, H. M. Stanley, Tadworth, and J. J. P. Staudinger, Ewell, England, assignors to The Distillers Company, Limited, Edinburgh, Scotland. Production of plasticized resin compositions. 2,575,444, Nov. 20.
Faulkner, Willard J., assignor to Admiral Corporation, Chicago, Ill. Record changer. 2,536,432, Jan. 2.
Faulkner, Willard J., assignor, by mesne assignments, to Admiral Corporation, Chicago, Ill. Record changer. 2,578,792, Dec. 18.
Faull, John T.: *See*—
Bailey, Roy W., and Faull.
Faull, Thomas W., Dunkirk, Ind. Live coal spreader for underfeed type of stoker furnaces. 2,561,918, July 24.
Faultless Rubber Company, The, assignee: *See*—
Hoppes, Carl.
Fauqué, Louis L. J., Premery, France, assignor to Sific Aktiengellschaft, Glarus, Switzerland. Extraction of diketones from complex mixtures containing other ketones. 2,554,980, May 29.
Fauqué, Louis L. J., assignor to Etablissements Lambiotte Freres, Premery, France. Production of 1-methylcyclopentanone-2. 2,562,487, July 31.
Faus, Harold T., Lynn, Mass, assignor to General Electric Company. Stylus for magnetic recording and reproducing apparatus. 2,562,707, July 31.
Faus, Harold T., Lynn, Mass., assignor to General Electric Company. Powdered iron core. 2,563,520, Aug. 7.
Faus, Herbert W., White Plains, N. Y. Roller bearing hotbox alarm. 2,543,161, Feb. 27.
Faus, Herbert W., White Plains, N. Y. Cartridge for hot-bearing or hotbox alarms or indicators. 2,552,271, May 8.
Fauser, Donald L.: *See*—
Walkup, Lewis E., and Fauser.
Fauser, Oscar, Jr., Rock Island, Ill., assignor to Stampings, Incorporated, Davenport, Iowa. Housing and stand for bottled gas. 2,567,370, Sept. 11.
Fauske, Sig C.: *See*—
Mahan, John E., and Fauske.
Faust, Charles L., assignor, by mesne assignments, to Battelle Development Corporation, Columbus, Ohio. Anodically polishing aluminum. 2,550,544, Apr. 24.
Faust, Charles L., and A. E. Bearse, Columbus, Ohio, and A. W. Liger, Wyandotte, Mich., assignors, by mesne assignments, to The Meaker Company, Cicero, Ill. Electrodeposition bath for bright zinc. 2,543,545, Feb. 27.
Faust, Charles L., and J. G. Beach, assignors, by mesne assignments, to Battelle Development Corporation, Columbus, Ohio. Producing bright electroplate on electropolished surfaces. 2,563,229, Aug. 7.
Faust, Delbert G., Caldwell, assignor to Specialties Development Corporation, Belleville, N. J. Fire extinguishing system. 2,577,744, Dec. 11.
Faust, Ellwood L.: *See*—
Pool, Stuart D., and Faust.
Faust, Frederick A., Woodbury, assignor to The Bristol Company, Waterbury, Conn. Apparatus for timing the passage of a liquid. 2,546,891, Mar. 27.
Faust, William R., and H. M. Beck, Washington, D. C. Variable reactance decoupling circuit. 2,577,746, Dec. 11.
Faustini, Albert J., Buffalo, N. Y., assignor to Telechron, Inc. Varying ratio drive for nonuniform scale meters. 2,547,634, Apr. 3.
Faverty, Clyde B., Evanston, Ill., A. H. Hartwig, Michigan City, W. J. McDonald, Hammond, Ind., and L. Wulff, assignors to Pullman-Standard Car Manufacturing Company, Chicago, Ill. Car wheel boring machine. 2,542,318, Feb. 20.
Favot, Charles J., Steubenville, Ohio. Electrical warm air recirculating room heater. 2,568,278, Sept. 18.
Favre, Alexandre, Marseille, assignor, by mesne assignments, to Office National d'Etudes et de Recherches Aeronautiques (O. N. E. R. A.), Paris, France. Aircraft wing flap with a leading edge roller. 2,569,983, Oct. 2.
Favre, John A., Drexel Hill, Pa., assignor to General Electric Company. Electric switch operator. 2,549,441, Apr. 17.
Favre, Marcel G., Wettingen, assignor to "Patelhold" Patentverwertungs-& Elektro-Holding A.-G., Glarus, Switzerland. Transformer. 2,542,915, Feb. 20.
Favre, Marcel G., Wettigen, assignor to "Patelhold" Patentverwertungs-& Elektro-Holding A.-G., Glarus, Switzerland. Supervisory device for communication apparatus. 2,558,129, June 26.
Favre, Roland, Paris, France. Apparatus under control of telephone bell that is remotely operated. 2,553,084, May 15.
Faw, Wendell G.: *See*—
Dyer, Richard F., and Faw.
Fawcett, Eric W. M., and A. Millien, Sunbury-on-Thames, assignors to Anglo-Iranian Oil Company Limited, London, England. Polyvinyl chloride plasticized with an ester and a petroleum extract. 2,580,290, Dec. 25.

Fawcett, Frank S., and C. M. Langkammerer, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Muconononitrile. 2,564,102, Aug. 14.
Fawcett, Frank S., and B. W. Howk, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Catalytic process for alkylating aromatic compounds using a metal molybdite catalyst. 2,572,019, Oct. 23.
Fawcett, George F., Euclid, assignor to The Carpenter Manufacturing Corporation, Cleveland, Ohio. Fish lure. 2,544,782. Mar. 13.
Fawcett, Richard A., West Hempstead, and A. Troue, Ozone Park, assignors to Callahan Can Machine Co. Inc., Brooklyn, N. Y. Can seaming machine. 2,540,611, Feb. 6.
Fawick, Thomas L., assignee: *See*—
Peik, Paul G.
Fawick, Thomas L., Cleveland, Ohio. Cushioned gear. 2,561,103, July 17.
Fawick, Thomas L., Cleveland, Ohio. Reverse gear. 2,561,104, July 17.
Faxén, Per T.: *See*—
Wilkenson, Erik A., and Faxén.
Faximile, Inc., assignee: *See*—
Curtis, Richard C.
Hester, Frank A.
Hester, Frank A., and Smith.
Hogan, John V. L.
Long, John H.
Lupish, Walter.
Martin, Stephen J.
Smith, John W.
Walker, La Verne C.
Fay, Charles H., Houston, Tex., assignor to Shell Development Company, San Francisco, Calif. Viscosity meter. 2,550,052, Apr. 24.
Fay, Charles H., Houston, Tex., assignor to Shell Development Company, San Francisco, Calif. System for amplifying small direct currents. 2,559,245, July 3.
Fay, Charles H., Houston, Tex., assignor to Shell Development Company, San Francisco, Calif. Dielectric constant measurement. 2,577,612, Dec. 4.
Fay, Charles H., and R. R. Goodell, Houston, Tex., assignors to Shell Development Company, San Francisco, Calif. Borehole gravity meter. 2,570,659, Oct. 9.
Fay, Frank H., Huguenot Park, N. Y., assignor to American Telephone and Telegraph Company. Two-wire double commutation telegraph system. 2,569,926, Oct. 2.
Fay, Harold C., Floral Park, and C. J. Donovan, Bronxville, N. Y. Rack or tray for shelves. 2,560,161, July 10.
Fay, Horace B., Willoughby, assignor to Gridiron Steel Company, Cleveland, Ohio. Ironing table top. 2,550,051. Apr. 24.
Fay, Howard G., assignor to Eastman Kodak Company, Rochester, N. Y. Mold for centering lenses in plastic mountings. 2,559,860, July 10.
Fay, Howard G., assignor to Eastman Kodak Company, Rochester, N. Y. Mold for centering relatively large uncentered lenses in plastic mountings. 2,559,861, July 10.
Fay, James P., Norwalk, Conn. Registering mechanism for rotary offset printing machines. 2,536,679, Jan. 2.
Fay, Patrick, Detroit, Mich., assignor to United States Rubber Company, New York, N. Y. Die head for multiple extrusion. 2,569,373, Sept. 25.
Fays, René: *See*—
Drisch, Nicolas, and Fays.
Fazenbaker, Norris E., West New York, N. J. Dry rendering paddle. 2,538,936, Jan. 23.
Fea, Thomas N., Granite City, Ill. Core box filling machine. 2,538,770, Jan. 23.
Feagin, Luther W., Long Beach, Calif. Control stick. 2,543,450, Feb. 27.
Fear, Fred, & Company, assignee: *See*—
Wendt, Arthur S.
Fearey, James E., Norton-on-Tees, England, assignor to Imperial Chemical Industries Limited. Alkylation of phenols. 2,537,337, Jan. 9.
Fearing, Edward W.: *See*—
Ashley,, Merwin F., and Fearing.
Fearns, Stanley, assignor to David Brown & Sons (Huddersfield), Limited, Huddersfield, England. Gear-hobbing machine. 2,545,151, Mar. 13.
Fearon, Robert E.: *See*—
Thayer, Jean M., and Fearon.
Feasley, Charles F.: *See*—
Badertscher, Darwin E., and Feasley.
Garwood, William E., Seger, Feasley, and Sachanen.
Seger, Francis M., Feasley, and Sachanen.
Feasley, Charles F., and W. A. Stover, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated. Reaction of olefins and halogenated alkanes. 2,551,639, May 8.
Feaster, Guy R., Manhattan, Calif. Spark plug and ignition system tester. 2,576,109, Nov. 27.
Fechheimer, Paul R., assignor to The Karl Kiefer Machine Company, Cincinnati, Ohio. Sealing member for filling machines. 2,553,447, May 15.
Fechner, Patrice: *See*—
Ortusi, Antoine J., and Fechner.
Fechter, Harry B., Minneapolis, Minn. Auto radiator hanger clamp. 2,552,417, May 8.
Fechter, Harry B., Minneapolis, Minn. Auto radiator hanger clamp. 2,575,412, Nov. 20.
Federal Cartridge Corporation, assignee: *See*—
Hoffman, Harry W., and Cummings.
Reed, Cortes F.
Federal Electric Products Company, assignee: *See*—
Ballou, Richard P.
Ballou, Richard P., and Daly.
Sieklucki, Alfred P., and Kirkham.
Federal Enterprises, Inc., assignee: *See*—
Gosswiller, Earl W.
Federal Manufacturing & Engineering Corp., assignee: *See*—
Kaplowitz, Morris.
Rabinow, Jacob.
Weiser, Sidney.
Federal Products Corporation, assignee: *See*—
Miller, Raymond H.
Federal Security Agency, United States of America as represented by the Administrator of the, assignee: *See*—
Allen, Milton J.
Fieser, Louis F., and Rajagopalan.
Maier, Franz J.
Sumerford, W. T., and Jensen.
Wender, Simon H.
Federal Shoe Inc., assignee: *See*—
Dolan, Edward.
Federal Telecommunication Laboratories, Inc., assignee: *See*—
Arditi, Maurice, Franzel, and Feinstein.
Cole, Eugene.
Colin, Robert I.
Deloraine, Edmond M., and Ransom.
Di Toro, Michael J.
Federal Telephone and Radio Corporation, assignee: *See*—
Abbot, Abraham E., and Dryden.
Babcock, William S., Jr.
Baum, Richard F.
Bonner, Walter F.
Brode, George E.
Brown, Gilbert G.
Busignies, Henri G.
Casabona, Anthony M.
Churnell, Frank J., and Smith.
Clark, Trevor H.
Deloraine, Edmond M.
Deloraine, Edmond M., Busignies, and Adams.
Deloraine, Edmond M., and Lehmann.
Denney, Lee J., and Wagner.
De Rosa, Louis A.
De Rosa, Louis A., and Howard.
De Rosa, Louis A., Lundburg, and Capen.
Duron, Antonio P.
Eannarino, George J.
Engelman, Edmund.
Everhart, Arbor G.
Fischer, Laurin G.
Garmany, William J., Jr.
Grieg, Donald D.
Herbst, John A.
Hoffman, Banesh, and Semel.
Horwitz, Henry L.
Kandoian, Armig G.
Labin, Emile.
Labin, Emile, and Grieg.
Labin, Emile, Grieg, and Young, Jr.
Libby, Lester L., and Cole.
Litton, Charles V.
Lomholt, Carl.
Marchand, Nathan.
Miller, Horace G.
Nachod, Henry J.
Newitt, John H.
Ostlund, Evert M.
Parker, Louis W.
Pickles, Sidney B.
Preisman, Albert.
Ransom, David H.
Romander, Hugo.
Salazar, Alfred M.
Smith, Archibald D., Jr., and Guthman.
Smullin, Louis D., and Kuper.
Stearn, Franklin A., and Hopkins.
Von Hippel, Arthur, and Bloom.
Von Hippel, Arthur, Bloom, and Schulman.
Wagner, Stephen R.
Wallace, Fred C.
Young, Norman H., Jr.
Federal Tin Company, Incorporated, assignee: *See*—
Costello, Frank J.
Federal Works Agency, United States of America as represented by the Administrator of the, assignee: *See*—
Wintermyer, Adolph M.
Federated Machine Products Inc., assignee: *See*—
Brewton, Lee.
Federbush, Max W., New York, N. Y. Loose-leaf binder. 2,568,227, Sept. 18.
Fedrowich, Peter, Detroit, Mich. Rifle target. 2,567,557, Sept. 11.
Feedrail Corporation, assignee: *See*—
Tanner, Norman.

Feenberg, Eugene, New York, N. Y., assignor to The Sperry Corporation. High-frequency attenuator. 2,538,771, Jan. 23.
Feenberg, Eugene, Kew Gardens, N. Y., assignor to The Sperry Corporation. Ultrahigh-frequency electron discharge apparatus. 2,579,480, Dec. 25.
Feeney, John D.: *See*—
Dornbos, Robert A., and Feeney.
Feeney, Thomas A.: *See*—
Ashkenas, Irving L., and Feeney.
Fees, Myrtle M., Whipple, Ariz. Bedpan cushion. 2,559,246, July 3.
Fegel, Albert, Whittier, Calif. Testing device for carburetor valves. 2,569,299, Sept. 25.
Fegely, Hugh S., Snyder, N. Y., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Loop control system. 2,547,201, Apr. 3.
Fegley, Marian F.: *See*—
Croxall, Willard J., and Fegley.
Fegley, Marian F., Mont Clare, and W. J. Croxall, Bryn Athyn, assignors to Rohm & Haas Company, Philadelphia, Pa. Dichloro diether esters. 2,575,009, Nov. 13.
Fegley, Marian F., Mont Clare, and W. J. Croxall, Bryn Athyln, assignors to Rohm & Haas Company, Philadelphia, Pa. Dichloromalonaldehydrates. 2,575,010, Nov. 13.
Fehling, Hans R., London, England, assignor, by mesne assignments, to Eversharp, Inc., Chicago, Ill. Fountain pen. 2,536,923, Jan. 2.
Fehling, Hans R., London, England, assignor, by mesne assignments, to Eversharp, Inc., Chicago, Ill. Writing instrument. 2,536,924, Jan. 2.
Fehling, Hans R., London, England, assignor, by mesne assignments, to Eversharp, Inc., Chicago, Ill. Writing instrument. 2,564,755, Aug. 21.
Fehling, Hans R., and G. Friedlander, London, England. Internal-combustion engine. 2,555,029, May 29.
Fehlmann, Hans, Berne, Switzerland. Method and device for making water-handling installations and installations made according to this method. 2,550,408, Apr. 24.
Fehn, Michael F., Philadelphia, Pa. Vertically adjustable furniture truck. 2,546,539, Mar. 27.
Fehr, Paul, assignor to Landis & Gyr, A. G., Zug, Switzerland. Time recorder. 2,553,644, May 22.
Fehr, Paul, assignor to Landis & Gyr, A. G. Zug, Switzerland. Workman's time recorder. 2,566,125, Aug. 28.
Fehr, Robert O., A. H. Fiske, Jr., and R. J. Wells, Schenectady, N. Y., assignors to General Electric Company. Accelerometer. 2,536,802, Jan. 2.
Feibel, Adolph H., and E. E. Greenberg, Cincinnati, Ohio, assignors to The Kelley-Koett Manufacturing Co., Covington, Ky. X-ray apparatus. 2,556,909, June 12.
Feichter, Harold R., assignor to United States Quarry Tile Company, Canton, Ohio. Spark plug construction. 2,543,961, Mar. 6.
Feichter, Harold R., assignor to United States Quarry Tile Company, Canton, Ohio. Spark plug construction. 2,543,962, Mar. 6.
Feick, Rufus D.: *See*—
Bogin, Herman H., and Feick.
Feid, Charles, South Attleboro, assignor to Bugbee and Niles Company, North Attleboro, Mass. Bracelet. 2,553,563, May 22.
Feig, Jerome H., assignee: *See*—
Jones, Preston A.
Feigal, Richard S., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Flame detection apparatus. 2,556,961, June 12.
Feigel, Arthur J., assignee: *See*—
Minardi, Frank C.
Feigelman, Herman A., Paterson, N. J. Folding toy. 2,556,323, June 12.
Feigelman, Herman A., Paterson, N. J. Toy support. 2,562,606, July 31.
Feiker, George E., Jr., Albany, N. Y., assignor to General Electric Company. Apparatus for detection of flaws by means of microwaves. 2,548,598, Apr. 10.
Feild, Alexander L., Baltimore, Md., assignor to Armco Steel Corporation. Weld rod and coating therefor. 2,564,474, Aug. 14.
Feild, Alexander S., Houston, Tex., assignor to Shell Development Company, San Francisco, Calif. Floating roof storage tank. 2,563,016, Aug. 7.
Feild, Alexander S., Houston, Tex., assignor to Shell Development Company, San Francisco, Calif. Floating roof storage tank. 2,563,017, Aug. 7.
Feild, Bert D.: *See*—
Tillett, Stanley H., and Feild.
Feild, Theophilus A., Jr., Charleston, W. Va., assignor to Union Carbide and Carbon Corporation. Dyeing vinyl resin textile articles. 2,577,846, Dec. 11.
Feild, Theophilus A., Jr., Charleston, and A. G. Schoonover, South Charleston, W. Va., assignors, by mesne assignments, to Union Carbide and Carbon Corporation. Dyeing textile materials made from vinyl halide-acrylonitrile resins at high temperatures in the presence of moisture. 2,543,316, Feb. 27.
Feild, Theophilus A., Jr., and B. Michalko, Charleston, W. Va., assignors, by mesne assignments, to Union Carbide and Carbon Corporation. Elastic composite fabrics and making same. 2,536,163, Jan. 2.
Feilden, Geoffrey B. R.: *See*—
McLeod, Roderick C., and Feilden.
Feilden, Geoffrey B. R., Lutterworth, near Rugby, assignor to Power Jets (Research & Development) Limited, London, England. Lubricant system for gas turbine aero engines. 2,551,660, May 8.
Feilden, Geoffrey B. R., Lutterworth, assignor to Power Jets (Research & Development) Limited, London, England. Construction and mounting of fuel burner nozzles, especially for gas turbines and like apparatus. 2,575,264, Nov. 13.
Feilden, Geoffrey B. R., Lutterworth, near Rugby, assignor to Power Jets (Research & Development) Limited, London, England. Load measuring device. 2,580,162, Dec. 25.
Fein, Martin L., Riverside, N. J., and C. H. Fisher, Abington, Pa., assignors to the United States of America as represented by the Secretary of Agriculture. Esters of hydracrylic acid and imino ethers. 2,553,564, May 22.
Fein, Martin L.: *See*—
Filachione, Edward M., Fein, and Fisher.
Ratchford, William P., and Fein.
Feinberg, Albert E., assignor to Advance Transformer Co., Chicago, Ill. Transformer. 2,542,760, Feb. 20.
Feinberg, Albert E., assignor to Advance Transformer Co., Chicago, Ill. Apparatus for starting and operating gaseous discharge devices. 2,558,293, June 26.
Feinberg, Albert E., assignor to Advance Transformer Co., Chicago, Ill. Transformer for operating electric discharge tubes. 2,563,595, Aug. 7.
Feinberg, Charles E., Detroit, Mich. Multiple gas burner for furnaces. 2,567,013, Sept. 4.
Feinberg, Elliott M., assignee: *See*—
Parnes, Morris, and Gruber.
Feinberg, Emanuel, Detroit, Mich. Air conditioning apparatus. 2,544,592, Mar. 6.
Feinson, Albert, New York, N. Y. Automatic kneeling device. 2,551,661, May 8.
Feinstein, Joseph: *See*—
Arditi, Maurice, Franzel, and Feinstein.
Feinstein, Joseph, and I. H. Franzel, Brooklyn, assignors to International Standard Electric Corporation, New York, N. Y. Pulse duration separation system. 2,565,486, Aug. 28.
Feinstein, Louis, Hyattsville, and S. J. Ringel, Greenbelt, Md., dedicated to the free use of the People in the territory of the United States. Extracting sesamin from sesame oil. 2,557,956, June 26.
Feiring, Monroe J., Hamilton, R. I. Cam actuated pivoted jaw wrench. 2,573,421, Oct. 30.
Feist, Samuel R., assignor of one-third to T. Harley, Jr., Wichita, Kans. Lift apparatus. 2,539,346, Jan. 23.
Feist, Samuel R., Wichita, Kans. Carriage and lift apparatus. 2,544,593, Mar. 6.
Feitl, Rudolf, Brooklyn, assignor to Waldes Kohinoor, Inc., Long Island City, N. Y. Locking slider. 2,571,024, Oct. 9.
Feitl, Rudolf, Brooklyn, assignor to Waldes Kohinoor, Inc., Long Island City, N. Y. Retaining ring. 2,577,319, Dec. 4.
Fekete, János: *See*—
Rosdahl, Karl G., and Fekete.
Felch, Edwin P., Jr., Chatham, and T. Slonczewski, Summit, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Magnetic field strength indicator. Re. 23,397, Aug. 7.
Feld, Isadore I., deceased, Kansas City, Mo.; J. S. and M. W. Feld, executors. Tool case. 2,565,680, Aug. 28.
Feld, Josephine S., executor: *See*—
Feld, Isadore I.
Feld, Milton W., executor: *See*—
Feld, Isadore I.
Feldbauer, George F., Jr.: *See*—
Patterson, John L., Beach, and Feldbauer.
Felder, Ernst, assignor to Cilag Limited, Schaffhausen, Switzerland. 2-hydroxy,4-amino isophthalic acid and production thereof. 2,555,736, June 5.
Feldkamp, Mary E., administratrix and assignee: *See*—
Kite, Don N.
Feldman, Abraham G., assignor to Storkline Furniture Corporation, Chicago, Ill. Vehicle wheel with improved hub cap mounting. 2,559,040, July 3.
Feldman, Abrom L., and I. Schneid, assignors to Puritan Sales Company, Atlanta, Ga. Room humidifier. 2,556,910, June 12.
Feldman, Carl B. H.: *See*—
Bennett, William R., and Feldman.
Feldman, Carl B. H., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Elastic time division multiplex system. 2,548,661, Apr. 10.
Feldman, Herman, Forest Hills, N. Y. Plastic pants for infants. 2,548,660, Apr. 10.
Feldman, Louis V., Chicago, Ill., assignor to Continental Can Company, Inc., New York, N. Y. Chlorinated paraffin zinc-containing flux. 2,564,199, Aug. 14.
Feldmann, George W.: *See*—
Benning, Anthony F., McHarness, Richards, and Feldmann.
Feldstein, Henry H., Cleveland, and H. R. Kilby, East Cleveland, Ohio. Sugar crystallizer apparatus. 2,540,250, Feb. 6.
Feldstein, Henry H., Cleveland, Ohio, and M. J. Feldstein, Arlington, Va. Page card field processing apparatus. 2,541,753, Feb. 13.

Feldstein, Marc J.: *See*—
Feldstein, Henry H., and M. J.

Felice, Albert, Philadelphia, Pa. Lettering pencil. 2,569,374, Sept. 25.

Felici, Noel, Grenoble, assignor to Centre National de la Recherche Scientifique, Paris, France. Electrostatic machine. 2,540,327, Feb. 6.

Felici, Noël, Grenoble, assignor to Centre National de la Recherche Scientifique, Paris, France. Electrostatic machine. 2,542,494, Feb. 20.

Felins Tying Machine Company, assignee: *See*—
Kohler, Herman.

Felip, Jeanne, New York, N. Y., and A. Biasi, Hazleton, Pa. Artificial pneumatic hand. 2,545,947, Mar. 20.

Felix, Friedrich, and A. Heckendorn, Basel, and W. Widmer, Bottmingen, assignors to Ciba Limited, Basel, Switzerland. Monoazo dyestuffs. 2,570,052, Oct. 2.

Felix, Otto: *See*—
Condon, John C., and Felix.

Felix, Otto, Chicago, Ill., G. L. Meyers, Willoughby, Ohio, and E. D. Boisselier, Glen Ellyn, assignors to Sears, Roebuck and Co., Chicago, Ill. Escalator rail guard. 2,550,918, May 1.

Félix, Prosper V.: *See*—
Huber, Robert, and Félix.

Felker, Jean H., Livingston, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Series electronic switch. 2,570,225, Oct. 9.

Felker, Lloyd L., assignee: *See*—
Crooker, David E.

Fell Developments Limited, assignee: *See*—
Cousins, Richard J. W.

Fell, William F., Hudson, Ohio, assignor to Bendix Aviation Corporation, Teterboro, N. J. Generation system. Re. 23,351, Apr. 3.

Fellabaum, James R., Marion, Ohio. Remotely adjustable rearview mirror. 2,570,536, Oct. 9.

Fello, Joseph, New York, N. Y. Ice skate grinding machine. 2,563,018, Aug. 7.

Fellows, Frank H., Cleveland, and H. E. Weaver, South Euclid, Ohio, assignors to Bailey Meter Company. Flow and temperature responsive fluid conditioning system. 2,572,253, Oct. 23.

Fellows Gear Shaper Company, The, assignee: *See*—
Bean, Arthur I.
Davis, John D.
Fellows, William H., and Burnham.
Handy, Wilbur Y., and Smith.
Miller, Edward W.

Fellows, Harrison E., and M. O. Holtan, Milwaukee, Wis.; said Holtan assignor to said Fellows. Weight carrying conveyer for foundries. 2,570,927, Oct. 9.

Fellows, Julian R., assignor to The Board of Trustees of the University of Illinois, Urbana, Ill. Combustion chamber for a coal stove and an air supply thereto. 2,549,788, Apr. 24.

Fellows, William H., and C. W. Burnham, assignors to The Fellows Gear Shaper Company, Springfield, Vt. Leakage prevention for injection molding nozzles. 2,579,809, Dec. 25.

Fellroth, Karl O., Minneapolis, Minn. Box tool. 2,546,853, Mar. 27.

Felman, Morris P., assignee: *See*—
Ellefson, Theodore R.

Fels, William, Foley, assignor to F-S-K Manufacturing Company Incorporated, Mobile, Ala. Pump for diesel engines. 2,574,779, Nov. 13.

Felsa A.-G., assignee: *See*—
Meyer, Friedrich.

Felsch, John, Irvington, assignor to Volupte, Inc., Elizabeth, N. J. Closure fastener. 2,571,353, Oct. 16.

Felsenthal, Robert M.: *See*—
Horsfall, James, Felsenthal, and Bowden.

Felsing, Daniel W., South San Francisco, Calif. Plant support. 2,557,731, June 19.

Felt, Paul W., assignor to Brown & Bigelow, St. Paul, Minn. Liquefied petroleum gas lighter. 2,561,270, July 17.

Felt & Tarran Manufacturing Company, assignee: *See*—
Niemann, Frederick A.
Turck, Joseph A. V.

Feltham, Harry C., assignor to Merrimac Hat Corporation, Amesbury, Mass. Machine for hardening felt. 2,566,286, Aug. 28.

Felton, William, assignor to David Crabtree & Son Limited, Bradford, England. Spool-gripper carpet loom. 2,572,327, Oct. 23.

Felts, Gordon P., and R. W. Seeger, Pasadena, Calif. Eye exerciser. 2,555,636, June 5.

Felts, Jane T., Kansas City, Mo. Bed urinal for ladies. 2,542,276, Feb. 20.

Felts, Jerome J.: *See*—
Wharam, John J., and Felts.

Felts, Samuel E., La Verne, Calif. Cord holder. 2,546,589, Mar. 27.

Femons, Laura, assignee: *See*—
Femons, Leon H.

Femons, Leon H., assignor of one-half to L. Femons, Stockton, Calif. Connecting rod assembly. 2,548,296, Apr. 10.

Fenander, Axel V., Ladysmith, Wis. Footrest lift attachment for chiropractic tables. 2,543,451, Feb. 27.

Fenari, Sükrü, New York, N. Y., assignor of fifty per cent to V. Sabit. Permutation lock. 2,546,182, Mar. 27.

Fenari, Sükrü, New York, N. Y., assignor of one-half to V. Sabit. Fuel mixture supply apparatus. 2,564,253, Aug. 14.

Fender, Clarence L., Fullerton, Calif. Combination bridge and pickup assembly for string instruments. 2,573,254, Oct. 30.

Fendius, Robert P.: *See*—
Roessl, Carl A., and Fendius.

Fener, Alfred, and H., Brooklyn, assignors to Nicholas Langer, New York, N. Y. Heat-sealing machine of the thermal impulse type. 2,574,094, Nov. 6.

Fener, Howard: *See*—
Fener, Alfred, and H.

Fengler, Theodore H., Sherman Oaks, Calif. Hose reel. 2,540,434, Feb. 6.

Fenn, Cyril L.: *See*—
Moreno, Anthony J., and Fenn.

Fenn, James E., Baldwin, N. Y., assignor of one-tenth to C. H. Brown, Princeton, N. J. Adhesive composition. 2,579,481, Dec. 25.

Fenn, James E., Baldwin, N. Y., assignor of one-tenth to C. H. Brown, Princeton, N. J. Adhesive composition of sulphite waste liquor, phosphoric acid, and sulfur dioxide. 2,579,482, Dec. 25.

Fenn, James E., Baldwin, N. Y., assignor of one-tenth to C. H. Brown, Princeton, N. J. Adhesive composition. 2,579,483, Dec. 25.

Fenn, Orrin E.: *See*—
Newcomb, Avon L., and Fenn.

Fenn, Orrin E., assignor to Peters-Dalton, Inc., Detroit, Mich. Gas washer. 2,546,259, Mar. 27.

Fenn, Willard H., Cambridge, Mass., assignor, by mesne assignments, to the United States of America as represented by the Secretary of the Navy. High-frequency detecting device. 2,566,020, Aug. 28.

Fennema, Richard, assignor to Crane Co., Chicago, Ill. Peripherally sealed joint. 2,539,614, Jan. 30.

Fennema, Richard, and F. J. Cantalupo, assignors to Crane Co., Chicago, Ill. Valve. 2,569,412, Sept. 25.

Fennessy, Edward, Orpington, assignor to The Decca Record Company, Limited, London, England. Radio navigational aid. 2,536,433, Jan. 2.

Fenske, Merrell R., State College, and B. R. Tegge, Roselle, N. J., assignors to Standard Oil Development Company. Process and apparatus for liquid-liquid extraction. 2,580,010, Dec. 25.

Fenske, Paul N., Morton, Minn. Temperature-preserving article container. 2,561,731, July 24.

Fenton, Elizabeth P., executrix: *See*—
Fenton, William.

Fenton Foundry Supply Company, The, assignee: *See*—
Fenton, William.

Fenton, Paul E., Middlebury, assignor to Scovill Manufacturing Company, Waterbury, Conn. Fastener setting adapter. 2,564,524, Aug. 14.

Fenton, William, deceased, Dayton, Ohio, by E. P. Fenton, executrix, assignor to The Fenton Foundry Supply Company, Dayton, Ohio. Shovel handle. 2,579,484, Dec. 25.

Fentress, David W., Barrington, assignor to Chicago Metal Hose Corporation, Maywood, Ill. 2,561,351, July 24.

Fenyo, Julius, Freeport, N. Y. Perfume containing painting. 2,577,320, Dec. 4.

Ferber, Fred, Hohokus Township, Bergen County, N. J. Writing fluid dispensing apparatus. 2,577,572, Dec. 4.

Fereday, Frederick T., Sr., Louisville, Ky., assignor to The Union Switch and Signal Company, Swissvale, Pa. Electrical relay. 2,549,371, Apr. 17.

Ferfort, Jacob, Audubon, N. J. Awning. 2,549,302, Apr. 17.

Fergason, Rector C., La Porte, Ind., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Tractor and implement assembly. 2,538,748, Jan. 23.

Fergason, Rector C., La Porte, Ind., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Corn harvester roll. 2,538,965, Jan. 23.

Fergason, Rector C., La Porte, Ind., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Corn harvester having auxiliary ear detacher. 2,542,646, Feb. 20.

Fergason, Rector C., La Porte, Ind., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Detachably mounted corn harvester. 2,575,620, Nov. 20.

Ferger, Hulbert K., Flushing, assignor of one-half to J. B. Thomson, Plandome, N. Y. Antifriction bearing for sliding members. 2,559,292, July 3.

Fergnani, Walter P., Nashua, N. H., assignor to Post Machinery Company, Beverly, Mass. Folding box machine. 2,563,596, Aug. 7.

Fergnani, Walter P., assignor to Post Machinery Company, Beverly, Mass. Cage roll structure for box-making machinery. 2,566,021, Aug. 28.

Ferguson, Alexander D., Sole, England, assignor, by mesne assignments, to General Electric Company. Cable terminating device. 2,552,162, May 8.

Ferguson, Archie R., Seattle, Wash. Arrow construction. 2,540,079, Feb. 6.

Ferguson, Daniel B., Denver, Colo. Casting reel. 2,551,320, May 1.

Ferguson, Daniel B., Denver, Colo. Casting reel. 2,551,321, May 1.

Ferguson, Donald M.: *See*—
Meyer, Vernon H., and Ferguson.

Ferguson, Duncan, New Haven, N. MacDougall, Bridgeport, and E. P. Meyer, Shelton, Conn., assignors to Sidney Blumenthal & Co., Inc., New York, N. Y. Machine for slitting rubber backed textile fabric. 2,554,298, May 22.
Ferguson, Du Vello A., Erie, Pa., assignor to General Electric Company. Sliding shelf. 2,564,473, Aug. 14.
Ferguson, Garwood W., Paterson, assignor to Becton, Dickinson and Company, Rutherford, N. J. Injection device. 2,550,053, Apr. 24.
Ferguson, Garwood W., Paterson, assignor to Becton Dickinson and Company, Rutherford, N. J. Needle structure. 2,560,162, July 10.
Ferguson, Gene H., assignee: *See*—
Ferguson, Glen E.
Ferguson, George E.: *See*—
Durfee, Charles G., and Ferguson.
Ferguson, George E., Spring Valley, N. Y., and F. A. Dodelin, Glen Ridge, assignors to Pyrene Manufacturing Company, Newark, N. J. Fire extinguisher. 2,578,528, Dec. 11.
Ferguson, George E., Spring Valley, N. Y., and F. A. Dodelin, Glen Ridge, assignors to Pyrene Manufacturing Company, Newark, N. J. Fire extinguisher. 2,578,529, Dec. 11.
Ferguson, Glen E., assignor of seventy-seven and one-half per cent to T. E. Ferguson, Miles City, seven and one-half per cent to G. H. Ferguson, Forsyth, seven and one-half per cent to J. L. Ferguson, Miles City, and seven and one-half per cent to H. Larson, Rosebud, Mont. Oscillating plant thinning machine. 2,563,326, Aug. 7.
Ferguson, Harold W., and S. Schwartz, Rochester, N. Y. Venetian blind. 2,573,700, Nov. 6.
Ferguson, Harold W., and S. Schwartz, Rochester, N. Y. Sectional Venetian blind. 2,579,485, Dec. 25.
Ferguson, Harry, Inc., assignee: *See*—
Chambers, John M.
Cicero, Theodore J.
Elfes, Lee E.
Hansen, Harold V.
Kopp, Lester G.
Nelson, Noral A.
Ferguson, Harry R.: *See*—
Patrick, Joseph C., and Ferguson.
Ferguson, Isabelle R.: *See*—
Young, Richard H., and Ferguson.
Ferguson, J. L., Company, asignee: *See*—
Ferguson, John L.
Talbot, Richard C.
Ferguson, Jack L., assignee: *See*—
Ferguson, Glen E.
Ferguson, James, assignee: *See*—
Sindelar, Joseph.
Ferguson, James G.: *See*—
Ball, Eustace T., Ferguson, and Greene.
Ferguson, James R., Huntington Woods, assignor to Packard Motor Car Company, Detroit, Mich. Instrument panel switch. 2,546,943, Mar. 27.
Ferguson, John L., assignor to J. L. Ferguson Company, Joliet, Ill. Automatic carton feeder. 2,573,324, Oct. 30.
Ferguson, John L., Burlington, Iowa, assignor to J. I. Case Company, Racine, Wis. Apparatus for treating windrows. 2,559,862, July 10.
Ferguson, John M.: *See*—
Eastwood, Eric, Ferguson, and Brown.
Ferguson, John M., and R. D. Ball, Stafford, assignors to The English Electric Company Limited, London, England. Electric discharge device. 2,554,733, May 29.
Ferguson, Joseph C., Fort Wayne, Ind., assignor, by mesne assignments, to Farnsworth Research Corporation. Controlled electron multiplier. 2,546,992, Apr. 3.
Ferguson, Joseph C., Fort Wayne, Ind., assignor, by mesne assignments, to Farnsworth Research Corporation. High efficiency class C amplifier. 2,546,993, Apr. 3.
Ferguson, Joseph C., Fort Wayne, Ind., assignor, by mesne assignments, to Farnsworth Research Corporation. High efficiency class C multiplier. 2,553,565, May 22.
Ferguson, Joseph C., Fort Wayne, Ind., assignor, by mesne assignments, to Farnsworth Research Corporation. Phase modulated wave generator. 2,553,566, May 22.
Ferguson, Kenneth F., Anaheim, Calif. Adjustable electric plug. 2,570,784, Oct. 9.
Ferguson, Marvin D., Minneapolis, Minn. Windshield protector. 2,561,188, July 17.
Ferguson, Martin J., Swansea, Ontario, Canada. Merchandise display device and/or package. 2,560,761, July 17.
Ferguson, Murray, assignee: *See*—
Prizer, Eugene L.
Ferguson Radio Corporation Limited, assignee: *See*—
Lockyer, John S.
Ferguson, Ray E., Lynnfield Center, assignor to H. K. Porter, Inc., Somerville, Mass. Tool for reshaping deformed automobile body parts. 2,569,519, Oct. 2.
Ferguson, Robert A., Washington, D. C. Electric switch. 2,540,435, Feb. 6.
Ferguson, Robert E., Lufkin, Tex. Valve. 2,550,984, May 1.
Ferguson, Robert O., Bristol, Tenn., assignor of one-half to Bristol Steel & Iron Works, Inc., Bristol, Va.-Tenn. Tobacco pipe. 2,548,297, Apr. 10.
Ferguson, Robert O., Bristol, Tenn., assignor of one-half to Bristol Steel & Iron Works, Inc., Bristol, Va. Traffic signal. 2,553,906, May 22.
Ferguson, Robert O., Bristol, Tenn., assignor of one-half to Bristol Steel & Iron Works, Inc., Bristol, Va.-Tenn. Bathroom cabinet or the like. 2,554,362, May 22.
Ferguson, Robert O., Bristol, Tenn., assignor of one-half to Bristol Steel and Iron Works, Inc., Bristol, Va. Knee and foot support. 2,565,762, Aug. 28.
Ferguson, Robert O., Bristol, Tenn., assignor of one-half to Bristol Steel & Iron Works, Inc., Bristol, Va. Headlight lens attachment. 2,565,763, Aug. 28.
Ferguson, Tera E., assignee: *See*—
Ferguson, Glen E.
Ferguson, Vernon E., Kansas City, Mo. Fire extinguisher. 2,557,957, June 26.
Ferguson, William, Philadelphia, Pa. Safety nipple for pipe lines. 2,537,451, Jan. 9.
Ferguson, William C., assignor to The Presstite Engineering Company, St. Louis, Mo. Protective plastic cap. 2,551,834, May 8.
Ferguson, William H.: *See*—
Porter, Henry W., and Ferguson.
Fergusson, David H., Baton Rouge, La. Prefabricated bathroom unit. 2,552,546, May 15.
Fernandes, Daniel S., Paramaribo, Surinam, Dutch West Indies, assignor to Vita-Rich Rice Process Ltd., New York, N. Y. Apparatus for treating grain. 2,571,555, Oct. 16.
Fernandez, Dan T.: *See*—
Scott, Orlando F., and Fernandez.
Fernbach, Hans R., Parkstone, assignor to The Loewy Engineering Company Limited, London, England. Control apparatus for periodically operating machines. 2,548,427, Apr. 10.
Fernsler, George L., Lawrenceville, N. J., assignor to Radio Corporation of America. Balanced demodulator. 2,550,409, Apr. 24.
Fernsler, George L., Lawrenceville, N. J., assignor to Radio Corporation of America. Microwave scanning system and method. 2,577,117, Dec. 4.
Fernstrom, Raymond G. I., Los Angeles, Calif. Hobby-horse attachment for bicycles and tricycles. 2,578,682, Dec. 18.
Fernstrum, Robert W., assignor to Marine Products Company, Detroit, Mich. Fluid pressure pump or motor. 2,542,240, Feb. 20.
Fernstrum, Robert W., assignor to Gray Marine Motor Company, Detroit, Mich. Cushion mounting device. 2,560,098, July 10.
Ferragamo, Henry, assignor to E. Recchia, Cranston, R. I. Bracelet. 2,538,090, Jan. 16.
Ferrand, Louis, Paris, France. Apparatus for the continuous operation of cells for the electrolysis of molten salts. 2,560,854, July 17.
Ferrand, Louis, Paris, France. Cell for the electrolytic production of aluminum. 2,564,837, Aug. 21.
Ferrand, Louis E., Middlesex, N. J. Fisherman's apron. 2,538,677, Jan. 16.
Ferranti Limited, assignee: *See*—
Taylor, Maurice K., and Nield.
Taylor, Maurice K., Williams and Carter.
Wood, Hubert.
Ferrari, Abele, Healdsburg, Calif. Grape crusher and stemmer. 2,543,571, Feb. 27.
Ferrari, Abele, Healdsburg, Calif. Wine bung screw valve. 2,567,426, Sept. 11.
Ferrari, Andres, Jr., Uniondale, assignor, by mesne assignments, to Technicon Chemical Company, Inc., New York, N. Y. Fixative for preparing histologic tissues. 2,554,944, May 29.
Ferraris, John T., Cos Cob, assignor to Electrolux Corporation, Old Greenwich, Conn. Bottom opening suction cleaner. 2,571,125, Oct. 16.
Ferrary, Silvius A., Paterson, N. J. Combined heddle and lingo and making the same. 2,576,005, Nov. 20.
Ferrato, Aldo, Pittsburgh, Pa. Hand labeling machine. 2,552,948, May 15.
Ferrel, Clyde B., San Francisco, Calif. Hinge structure. 2,546,590, Mar. 27.
Ferrell, Alton J., Houston, and P. J. McEnroe, Jr., Victoria, Tex. Articulated grain car door. 2,549,301, Apr. 17.
Ferrell, George A., York, Pa. Lawn mower. 2,538,359, Jan. 16.
Ferrell, Wesley, Fair Lawn, N. J., assignor to United States Rubber Company, New York, N. Y. Mold construction. 2,577,412, Dec. 4.
Ferretti, Antonio, Milan, Italy. Manufacture of textile fibers composed of casein. 2,548,357, Apr. 10.
Ferri, Saul, Rochester, N. Y. Toe separating and directing device. 2,542,319, Feb. 20.
Ferri, Saul, Rochester, N. Y. Toe spacing device. 2,575,867, Nov. 20.
Ferri, Saul, Rochester, N. Y. Toe spacing device. 2,575,868, Nov. 20.
Ferri, Tito A., Miami, Fla., assignor of one-half to C. I. Girschowitch, New York, N. Y. Window structure. 2,551,590, May 8.
Ferriera, John, Providence, R. I. Support or stand. 2,550,793, May 1.
Ferrill, Thomas M., Jr.: *See*—
Varian, Russel H., and Ferrill.

Ferrill, Thomas M., Jr., Hempstead, N. Y., assignor to The Sperry Corporation. Automatic volume control system. 2,538,772, Jan. 23.
Ferrill, Thomas M., Jr., Hempstead, N. Y., assignor to The Sperry Corporation. Compass. 2,542,018, Feb. 20.
Ferrill, Thomas M., Jr., Hempstead, N. Y., assignor to The Sperry Corporation. High-frequency attenuating apparatus. 2,548,881, Apr. 17.
Ferrill, Thomas M., Jr., Hempstead, N. Y. Tank circuit apparatus. 2,549,789, Apr. 24.
Ferrin, Harold, Keokuk, Iowa, assignor to General Mills, Inc. Starch recovery. 2,543,281, Feb. 27.
Ferriot, Joseph V., Akron, Ohio. Novelty scissors. 2,563,521, Aug. 7.
Ferris, Albert G., Seattle, Wash. Braid or cord positioning device for sewing machines. 2,562,780, July 31.
Ferris, Donald K., assignor to General Motors Corporation, Dayton, Ohio. Wringer. 2,537,401, Jan. 9.
Ferris, George L., Johnstown, Pa. Expansion nut setting tool. 2,562,419, July 31.
Ferris Instrument Laboratories, assignee: *See*—
Montcalm, Surrius R.
Tyzzer, Howard J.
Ferris, Ralph E., and M. F. Jones, Pittsburgh, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Field coil construction. 2,561,352, July 24.
Ferris, Robert G., Harvard, Ill., and J. D. Jordan, Washington, D. C., assignors to the United States of America as represented by the Secretary of the Navy. Variable resistance. 2,552,482, May 8.
Ferris, Seymour W., Mount Holly, N. J., assignor to Sun Oil Company, Philadelphia, Pa. Forming wax slabs. 2,553,365, May 15.
Ferris, Walter, assignor to The Oilgear Company, Milwaukee, Wis. Vane track for hydrodynamic machines. 2,538,193, Jan. 16.
Ferris, Walter, assignor to The Oilgear Company, Milwaukee, Wis. Hydrodynamic machine. 2,538,194, Jan. 16.
Ferris, Walter, assignor to The Oilgear Company, Milwaukee, Wis. Hydraulic transmission, including one pump and a plurality of motors. 2,548,146, Apr. 10.
Ferris, Walter, assignor to The Oilgear Company, Milwaukee, Wis. Hydraulic transmission with variable displacement pump, throttled outflow from motor, and leakage compensation. 2,548,147, Apr. 10.
Ferro, Bernardo, J., Jr., Bartlesville, Okla., assignor to Phillips Petroleum Company. Quick opening valve. 2,553,645, May 22.
Ferro Enamel Corporation, assignee: *See*—
Elliott, Stanley B., and O'Hara.
McIntyre, Glenn H.
Prislin, Robert H.
Scott, Donald W.
Skinner, Robert E., and McIntyre.
Sweo, Benjamin J.
Ferro Engineering Company, The, assignee: *See*—
Daley, Robert E.
Ferro Stamping and Manufacturing Company, assignee: *See*—
Fish, Carl C.
Fish, Carl C., and Johnson.
Ferruta, Francesco, Trecate, Italy. Carrier for braiding machines. 2,579,142, Dec. 18.
Ferry, John D., and P. R. Morrison, Madison, Wis., assignors to Research Corporation, New York, N. Y. Forming shaped fibrin products. 2,576,006, Nov. 20.
Ferry Sheet Metal Works, Inc., assignee: *See*—
Smith, Robert W.
Ferst, Monie A., L. H. Ashmore, and N. Sugarman, assignors to Scripto, Inc., Atlanta, Ga. Ball point pen. 2,551,490, May 1.
Ferwerda, Koop: *See*—
Ferwerda, Ray and Koop.
Ferwerda, Ray, Lake Lucerne, Ohio. Caster. 2,560,562, July 17.
Ferwerda, Ray and K., Lake Lucerne, Ohio. Material moving apparatus. 2,541,045, Feb. 13.
Fesen, John C., and M. Goldstein, United States Navy. Self-sealing closure comprising spring actuated hinged doors with knife edges. 2,543,770, Mar. 6.
Fessenden, George R., Washington, D. C. Preserving plant tissues. 2,567,929, Sept. 18.
Fessler, Frank D.: *See*—
Coyne, Howard L., Fessler, Hampton, Mesch, and Thompson.
Fessler Machine Company, assignee: *See*—
Tyrrell, Emmet R.
Fessner, Frank L., Denver, Colo. Milk bottle handle. 2,565,806, Aug. 28.
Fether, Donald W., San Jose, Calif. Apparatus and method of making friction lining. 2,548,009, Apr. 10.
Fette, Frank J., deceased, Tampa, Fla.; J. F. Fette, executor. Filter. 2,553,567, May 22.
Fette, Frank J., deceased, Tampa, Fla.; J. F. Fette, executor of said F. J. Fette. Internal-combustion engine. 2,558,349, June 26.
Fette, Joseph F., executor: *See*—
Fette, Frank J.
Fetterley, Guy H., Chippawa, Ontario, Canada, assignor to Norton Company, Worcester, Mass. Apparatus for the production of boron. 2,542,916, Feb. 20.
Fetterly, Lloyd C., Long Beach, assignor to Shell Development Company, San Francisco, Calif. Extractive fractionation process. 2,549,372, Apr. 17.
Fetterly, Lloyd C., Seattle, Wash., assignor to Shell Development Company, San Francisco, Calif. Removal of peroxides from hydrocarbons. 2,545,199, Mar. 13.
Fetterly, Lloyd C., Seattle, Wash., assignor to Shell Development Company, San Francisco, Calif. Conversion of hydrosulfides to neutral sulfur compounds. 2,557,643, June 19.
Fetterly, Lloyd C., Seattle, Wash., assignor to Shell Development Company, San Francisco, Calif. Extractive crystallization process. 2,569,984, Oct. 2.
Fetterly, Lloyd C., Seattle, Wash., assignor to Shell Development Company, San Francisco, Calif. Thioureaketone complexes. 2,569,985, Oct. 2.
Fetterly, Lloyd C., Seattle, Wash., assignor to Shell Development Company, San Francisco, Calif. Extractive crystallization process. 2,569,986, Oct. 2.
Fetterly, Lloyd C., Seattle, Wash., assignor to Shell Development Company, San Francisco, Calif. Extractive crystallization process. 2,578,054, Dec. 11.
Fetterly, Milton R.: *See*—
Evans, Robert B., Nampa, and Fetterly.
Fetters, David R.: *See*—
Larkins, Edward T., Thomas, and Fetters.
Fettinger, John G., Utica, assignor to Robert Gair Company, Inc., New York, N. Y. Display stand. 2,541,754, Feb. 13.
Feucht, Albert, Garfield Heights, Ohio, assignor, by mesne assignments, to Le Roi Company, Milwaukee, Wis. Adjustable drill guide. 2,540,574, Feb. 6.
Feuer, Harry: *See*—
Eisenberg, Robert, and Feuer.
Hass, Henry B., and Feuer.
Feuer, Irving, New York, N. Y. Production of vacuums. 2,574,820, Nov. 13.
Feuerhelm, Karl, assignee: *See*—
Randleman, Harry R.
Fevold, Harry L.: *See*—
Alderton, Gordon, and Fevold.
Feyrer, William F.: *See*—
Solomon, Nathan L., Feyrer, and Anderson.
Fewell, Otis, Bakersfield, Calif. Fire control apparatus for oil and gas wells. 2,536,434, Jan. 2.
Fey, Harry J., assignor to James R. Kearney Corporation, St. Louis, Mo. Receptacle. 2,568,725, Sept. 25.
Feyrer, William F.: *See*—
Solomon, Nathan L., Anderson, and Feyrer.
Feyrer, William F., and N. L. Solomon, Englewood, N. J., assignors to Solo Products Corporation. Hair curler. 2,568,146, Sept. 18.
Few, William, Cleveland Heights, assignor to The Clark Controller Company, Cleveland, Ohio. Phase shifting system. 2,578,235, Dec. 11.
Ffolliott, Charles F., Elgin, assignor to Automatic Electric Laboratories, Inc., Chicago, Ill. Level marking for telephone line finders. 2,552,773, May 15.
Fiala, Jaroslav, Batizovce, and T. Ždichynec, assignors to "Bata, Narodni podnik," Zlin, Czechoslovakia. Concentration of acetic acid. 2,549,587, Apr. 17.
Fiandt, Ronald M., assignor to C. G. Conn, Ltd., Elkhart, Ind. Method of and apparatus for electroforming metal articles. 2,549,678, Apr. 17.
Fiat, S. p. A., assignee: *See*—
Mosso, Angelo, and Montanari.
Fibre Leather Manufacturing Corporation, assignee: *See*—
Lynam, Thornton L.
Fibre Products Laboratories, Inc., assignee: *See*—
Goldman, Esther R.
Fibreboard Products Inc., assignee: *See*—
Petersen, Adolph H., and Castleman.
Fibus, Murray M., assignee: *See*—
Burke, James P.
Fichman, Morris, New York, N. Y. Garment hanger. 2,556,530, June 12.
Fick, Edward J., Cheviot, Ohio, assignor to The Trumbull Electric Manufacturing Company, Plainville, Conn. Power distribution. 2,540,477, Feb. 6.
Fick, Raymond J., North Tonawanda, N. Y. Elbow protector. 2,550,461, Apr. 24.
Ficken, Arthur, Sherwood, Oreg. Crosscut saw guiding mechanism of a one man tree feller. 2,557,268, June 19.
Fidelity Machine Company, Inc., assignee: *See*—
Larkin, Walter.
Fiduccia, Anthony, Cedar Grove, N. J. Snow and ice melting machine. 2,576,829, Nov. 27.
Fiedler, Arthur J.: *See*—
Ackley, Raymond E., and Fiedler.
Fiedler, John, Dayton, Ohio. Device for cutting hard materials. 2,556,367, June 12.
Fiedler, Leon F., Cuyahoga Falls, and P. J. Leakey, Kent, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y. Adhesive composition and making. 2,575,265, Nov. 13.
Fiedler, Stuart O.: *See*—
Bjorksten, Johan, Fiedler, and Yaeger.
Fiedler, Stuart O., and J. Bjorksten, Chicago, Ill., and L. L. Yaeger, Hammond, Ind., assignors to Nash-Kelvinator Corporation, Kenosha, Wis. Protective compositions and method. 2,578,683, Dec. 18.

Fiedorek, Fred T., Oakdale, Calif., assignor to The B. F. Goodrich Company, New York, N. Y. Preparation of quaternary amines from tertiary amines and beta-lactones. 2,548,428, Apr. 10.
Fiel, David, Bronx, N. Y. Combination beach bag and beach mat. 2,540,165, Feb. 6.
Field, Alfred L., Union Springs, N. Y. Fishing boat. 2,551,431, May 1.
Field, Eric, Colne, England. Endless track or chain. 2,553,646, May 22.
Field, Charles P.: *See*—
Whittier, Robert F., and Field.
Field, Crosby, assignor to Flakice Corporation, Brooklyn, N. Y. Method and apparatus for manufacturing ice. 2,546,092, Mar. 20.
Field, Crosby, assignor to Flakice Corporation, Brooklyn, N. Y. Machine and method of making ice or the like. 2,572,328, Oct. 23.
Field, Edward A., Jr., Mendota, Ill. Draft regulator. 2,546,219, Mar. 27.
Field, Edward A., Jr., Mendota, Ill. Draft control. 2,555,687, June 5.
Field, Eugene L., Buffalo, and I. M. Pluse, Syracuse, assignors, by mesne assignments, to Sylvania Electric Products Inc., New York, N. Y. Image reduction circuit. 2,542,495, Feb. 20.
Field, Harley G.: *See*—
Ross, Frank, F. E., and Field.
Field, Herbert A., Hillside, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Apparatus for annealing magnetic iron. 2,556,962, June 12.
Field, John C.: *See*—
Weighan, William R., Field, and Dunton.
Field, Lester M., Palo Alto, Calif., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. High-frequency amplifying device. 2,575,383, Nov. 20.
Field, Oscar S., assignor to General Railway Signal Company, Rochester, N. Y. Relay. 2,536,162, Jan. 2.
Field, Oscar S., and E. W. Moore, Rochester, and F. S. Craig, Chili, assignors to General Railway Signal Company, Rochester, N. Y. Course indicating light beacon. 2,559,415, July 3.
Field, Oscar S., and S. N. Wight, assignors to General Railway Signal Company, Rochester, N. Y. Airway traffic control system. 2,572,127, Oct. 23.
Field, Oscar S., S. N. Wight, and R. W. Hewes, assignors to General Railway Signal Company, Rochester, N. Y. Airplane approach control system. 2,576,452, Nov. 27.
Field, Philip M., New York, N. Y., assignor to Charles Beseler Company, Newark, N. J. Optical indicator means for use with copy projection apparatus. 2,555,402, June 5.
Field, Philip M., New York, N. Y., assignor to Charles Beseler Company, Newark, N. J. Copy strip retaining and feeding means for optical projector apparatus. 2,573,557, Oct. 30.
Field, Walter E., assignor to Monsanto Chemical Company, St. Louis, Mo. Fungi and bacteria resistant polyvinyl chloride compositions. 2,567,905, Sept. 11.
Fielden, John E., Sale, England. Electrical determination of moisture content and other properties. 2,544,529, Mar. 6.
Fields, Carleton M.: *See*—
Nevin, Robert S., Sr., and Fields.
Fields, Charles V., Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Sealed terminal bushing. 2,550,112, Apr. 24.
Fields, Ernest, New York, N. Y. Spring actuated motor. 2,570,785, Oct. 9.
Fields, Ellis K., Chicago, Ill., assignor to Research Corporation, New York, N. Y. Preparing substituted hydroxymethylphosphonic esters. 2,579,810, Dec. 25.
Fields, George, Wilmette, assignor to Admiral Corporation, Chicago, Ill. Clothes-washing machine with a horizontally reciprocating agitator. 2,568,614, Sept. 18.
Fields, Mack R.: *See*—
Young, Howard H., Loper, and Fields.
Fields, Mack R., Libertyville, Ill., and Z. M. Roehr, New York, N. Y., assignors to Abbott Laboratories, North Chicago, Ill. Gas container and dispensing means. 2,574,028, Nov. 6.
Fields, Reuben T., Arlington, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of synthetic resin sheets. 2,537,970, Jan. 16.
Fienberg, Nathan, Caulfield, and A. R Calder, Newport, assignors to A. C. I. Plastics Proprietary Limited, Milbourne, Victoria, Australia. Finishing apparatus for plastic moldings. 2,568,956, Sept. 25.
Fierke, Scheuring S., assignor to Eastman Kodak Company, Rochester, N. Y. Photographic masking process. 2,571,698, Oct. 16.
Fierle, Toni C., Detroit, Mich. Portable anti-insect shelter. 2,572,461, Oct. 23.
Fieux, Jean, assignor of one-half to Societe Schneider & Cie, Paris, France. Pivot suspension bearing for vertical shaft turbines. 2,557,422, June 19.
Fieser, Louis F., Cambridge, Mass., assignor to Research Corporation, New York, N. Y. Producing substituted naphthoquinones. 2,564,967, Aug. 21.
Fieser, Louis F., Cambridge, Mass., and M. T. Leffler, Lake Bluff, Ill., assignors to Research Corporation, New York, N. Y. Naphthoquinone antimalarials. 2,553,647, May 22.
Fieser, Louis F., Cambridge, Mass., and M. T. Leffler, Lake Bluff, Ill., assignors to Research Corporation, New York, N. Y. Naphthoquinone compounds. 2,553,648, May 22.
Fieser, Louis F., and S. Rajagopalan, Cambridge, Mass., said Fieser assignor to Research Corporation, New York, N. Y., and said Rajagopalan assignor to the United States of America as represented by the Administrator of the Federal Security Agency. Selective oxidation of steroid alcohols. 2,569,300, Sept. 25.
Fife, Irwin L., Oklahoma City, Okla. Automatic web guiding apparatus. 2,562,026, July 24.
Figueira, Joseph, Brooklyn, N. Y. Electric switch. 2,556,997, June 12.
Fihe, John L., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Endless band for polishing. 2,552,774, May 15.
Fijn-Mechanische Industrie "Becker's Sons" N. V., assignee: *See*—
Hooykaas, Johannes C.
Fike, Charles L., Ardmore, assignor to The Budd Company, Philadelphia, Pa. Folding berth for sleeping cars and supporting and locking means therefor. 2,541,156, Feb. 13.
Fike, Don G., assignee: *See*—
Lewis, Olin E., and Bussinger.
Fike, Floyd M., Perryton, Tex. Antirattling device for gear-shifting control mechanisms. 2,552,005, May 8.
Fike, Floyd M., Perryton, Tex. Electric lamp guard with adjustable reflector. 2,554,565, May 29.
Filachione, Edward M., Philadelphia, and C. H. Fisher, Abington, Pa., assignors to the United States of America as represented by the Secretary of Agriculture. Production of esters. 2,565,487, Aug. 28.
Filachione, Edward M., Philadelphia, Pa., M. L. Fein, Riverside, N. J., and C. H. Fisher, Abington, Pa., assignors to United States of America, as represented by the Secretary of Agriculture. Polyethylene glycol esters of acyloxycarboxylic acids. 2,573,701, Nov. 6.
Filachione, Edward M., Philadelphia, Pa., M. L. Fein, Riverside, N. J., and C. H. Fisher, Abington, Pa., assignors to United States of America as represented by the Secretary of Agriculture. Glycol esters of acyloxycarboxylic acids. 2,578,684, Dec. 18.
Filenbaum, David, Wood Ridge, N. J. Removable purse for handbags. 2,544,493, Mar. 6.
Filer & Stowell Co., The, assignee: *See*—
Kahr, Martin, and Noll.
Noll, Vincent R.
Filger, Joseph B., Cincinnati, Ohio. Nose drop dispenser. 2,577,321, Dec. 4.
Filiatreault, Willis J., assignor of one-half to A. T. Perbohner, Chicago, Ill. Open-ended ratchet wrench. 2,578,410, Dec. 11.
Fillenbaum, Frank, New York, N. Y. Clothes hanger. 2,549,588, Apr. 17.
Fillinger, Arthur E., assignor to Hamilton Watch Company, Lancaster, Pa. Electric watch. 2,577,703, Dec. 4.
Filliung, Jacques J., Jr., assignor to Sloan Valve Company, Chicago, Ill. Electrically operated flush valve. 2,552,625, May 15.
Fillman, Paul J., Louisville, Ky. Toothbrush holder. 2,559,863, July 10.
Film 'n File, Inc., assignee: *See*—
Morrison, Nathan H.
Filmtone, Inc., assignee: *See*—
Fodor, Ferenz H.
Filo, Frank C., Cleveland, and A. P. Marcus, Cleveland Heights, assignors to The Markepp Co., Inc., Cleveland, Ohio. Automatic phonograph system. 2,570,930, Oct. 9.
Filtrol Corporation, assignee: *See*—
Burgesser, Frederick W.
Funsten, Stanard R.
Funsten, Stanard R., and Burgesser.
Gary, Wright W., and Lovett.
Van Horn, Lee, and Kahn.
Finalborgo, August C.: *See*—
Williams, Robert J., and Finalborgo.
Finch, Eric G., Sandhurst, England. Preparations for use in agriculture and horticulture. 2,570,537, Oct. 9.
Finch, Harry D.: *See*—
Ballard, Seaver A., Furman and Finch.
Finch, Harry D., El Cerrito, and S. A. Ballard, Orinda, assignors to Shell Development Company, San Francisco, Calif. N-substituted diamines and preparation of the same. 2,540,098, Feb. 6.
Finch, Harry D., El Cerrito, and E. A. Peterson, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Secondary 1,3-alkenediamines. 2,565,488, Aug. 28.
Finch, Horace M., United States Navy. Hydraulic jack suspended tire remover. 2,537,041, Jan. 9.
Finch, Willard G., Toronto, Ontario, Canada. Bookrest. 2,573,191, Oct. 30.
Finch, William G. H., Newtown, Conn., assignor, by mesne assignments, to Pierce Company, Providence, R. I. Drying mechanism for electrolytic facsimile recorders. 2,572,462, Oct. 23.
Fincher, Blumer V., and C. H. Hulett, Alameda, Calif. Fishing gaff. 2,570,538, Oct. 9.

Fincher, Dewitt F. and H. T., Fort Worth, Tex., assignors of one-hundredth part to W. T. Wofford, Pittsburgh, Pa. Portable armrest for motor vehicles. 2,560,791, July 17.
Fincher, Hoyt T.: *See*—
Fincher, Dewitt F. and H. T.
Finck, Joseph L., Brooklyn, N. Y. Heat-insulating unit. 2,569,234, Sept. 25.
Fincke, John K., Dayton, Ohio, assignor to Monsanto Chemical Company, St. Louis, Mo. Preparing alkane sulfonic acids. 2,547,906, Apr. 3.
Fincke, John K., Dayton, Ohio, assignor to Monsanto Chemical Company, St. Louis, Mo. Use of pentavalent antimony compounds for stabilizing vinyl chloride resins. 2,556,420, June 12.
Fincke, John K., Dayton, Ohio, assignor to Monsanto Chemical Company, St. Louis, Mo. Sulfonation of organic compounds. 2,572,605, Oct. 23.
Findlay, Albert J., Montreal, Quebec, Canada. Time-clock recording apparatus. 2,551,933, May 8.
Findlay Clay Products Company, assignee: *See*—
Henry, Edward C., Leech, and Armstrong.
Findlay, Ellwood W., Milwaukee, Wis. Tube cutting device. 2,539,124, Jan. 23.
Findlay, John H., Upper Montclair, N. J., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Secondary emission electron discharge device. 2,538,560, Jan. 16.
Findley, F. G., Co., The, assigne: *See*—
Batchelder, George W., and Bronn.
Findley, Howard J., Chardon, assignor to Eaton Manufacturing Company, Cleveland, Ohio. Engine heat booster brake. 2,541,227, Feb. 13.
Findley, Howard J., Chardon, assignor to Eaton Manufacturing Company, Cleveland, Ohio. Engine cooling temperature control. 2,551,662, May 8.
Findley, Howard J., Chardon, assignor to Eaton Manufacturing Company, Cleveland, Ohio. Countershaft brake. 2,550,545, Apr. 24.
Findley, Howard J., Chardon, assignor to Eaton Manufacturing Company, Cleveland, Ohio. Drive. 2,559,416, July 3.
Findley, Howard J., Chardon, assignor to Eaton Manufacturing Company, Cleveland, Ohio. Electromagnetic drive apparatus. 2,560,940, July 17.
Findley, Robert L., Wilmington, Calif. Suture hemostat. 2,577,240, Dec. 4.
Findley, Thomas W.: *See*—
Swern, Daniel, and Findley.
Findley, Thomas W., and D. Swern, Philadelphia, Pa., assignors to the United States of America as represented by the Secretary of Agriculture. Preparation of epoxy compounds by oxidation of cis-monoolefine compounds. 2,567,930, Sept. 18.
Findley, William N., Urbana, assignor to R. C. Brown, Jr., Highland Park, Ill., as trustee. Determining aerodynamic states of aircraft. 2,538,303, Jan. 16.
Findlow, Eric, assignor to Ernest Scragg & Sons Limited, Macclesfield, England. Spindle for textile machinery. 2,578,530, Dec. 11.
Fine, Ben, New York, N. Y. Clip for fastening a pugree to a hat. 2,579,558, Dec. 25.
Fine, Harold D., Marblehead, and C. E. Barker, Danvers, assignors to Sylvania Electric Products Inc., Salem, Mass. Fixture for tubular electric lamps. 2,567,014, Sept. 4.
Fine, Joseph J., Dorchester, Mass. Strap cutting means for Venetian blinds. 2,546,435, Mar. 27.
Fine, Joseph L., and L. H. Collar, Miami, Fla. Beverage dispensing receptacle. 2,571,433, Oct. 16.
Fine, Morris E., Morristown, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Low elastic coefficient bodies, devices embodying them and producing them. 2,561,732, July 24.
Fine, Robert: *See*—
Valentino, Thomas J., and Fine.
Fine, William, Hampton, Va. Bathtub. 2,572,463, Oct. 23.
Finegan, Carl R., Elyria, Ohio. Instructional device on the operation of voting machines. 2,577,678, Dec. 4.
Finholm, William S., New York, N. Y. Piano action. 2,540,871, Feb. 6.
Finholm, William S., New York, N. Y. Piano action. 2,577,573, Dec. 4.
Finholt, Albert E.: *See*—
Schlesinger, Hermann I., and Finholt.
Finholt, Albert E., assignor to Metal Hydrides Incorporated, Beverly, Mass. Producing diborane. 2,550,985, May 1.
Finholt, Marion L., assignee: *See*—
Schlesinger, Hermann I., and Finholt.
Finizie, Edmond J., assignee: *See*—
Finizie, Tomun.
Finizie, Tomun, Bridgeport, Conn. Cord guide member for utensil plugs. 2,540,575, Feb. 6.
Finizie, Tomun, assignor to E. J. Finizie, Bridgeport, Conn. Cooking food. 2,558,294, June 26.
Fink, Albert O., assignor to The Commonwealth Engineering Company of Ohio, Dayton, Ohio. Dynamic pyrolitic plating process. 2,576,289, Nov. 27.
Fink, Albert O., and D. E. Bench, assignors, by mesne assignments to The Commonwealth Engineering Company of Ohio, Dayton, Ohio. Method and apparatus for filtering. 2,576,288, Nov. 27.
Fink, Austin J., Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Lightning arrester. 2,542,805, Feb. 20.
Fink, Colin G., and C. C. Ma, New York, N. Y. Producing tungsten. 2,554,527, May 29.
Fink, Harry L., New Rochelle, assignor to Manhattan Terrazzo Brass Strip Co., Inc., New York, N. Y. Terrazzo strip. 2,574,553, Nov. 13.
Fink, Lawrence B., Faith, N. C. Bearing. 2,542,405, Feb. 20.
Fink, Leroy M., Union, assignor to The Babcock & Wilcox Company, Rockleigh, N. J. Steam generator. 2,537,042, Jan. 9.
Fink, Leroy M., Union, N. J., assignor to The Babcock & Wilcox Company, Rockleigh, N. J. Steam generator. 2,579,559, Dec. 25.
Fink, Maurice W., Memphis, Tenn., assignor to Tennessee Fabricating Company. Floor furnace guard. 2,554,177, May 22.
Fink, Rudolph, Osborn, Ohio, and C. H. Webb, Friendly, W. Va. Aerial pickup. 2,560,563, July 17.
Finke, Christian J., Drexel Hill, and M. A. Guzman, Philadelphia, Pa., assignors to General Electric Company. Multiple key locking system. 2,544,305, Mar. 6.
Finke, Herbert A.: *See*—
Gaffney, Francis J., and Finke.
Finke, Theodore R.: *See*—
Friedberg, Milton R., and Finke.
Finke, Theodore R., Euclid, J. L. Stewart, and L. H. Finneburgh, Jr., Cleveland Heights, assignors to The Gabriel Company, Cleveland, Ohio. Swivel ball antenna support. 2,536,733, Jan. 2.
Finkel Umbrella Frame Company, Inc., assignee: *See*—
Militano, Vincent.
Finkeldey, William H., Hasting on Hudson, N. Y., and F. R. Edes, Plymouth, Mass., assignors to Singmaster & Breyer, New York, N. Y. Metal transfer and pouring system. 2,549,790, Apr. 24.
Finkelstein, George, assignee: *See*—
Mannist, Milton.
Finkelstein, Leo, Aberdeen, and S. J. Magram, Baltimore, Md., assignors to the United States of America as represented by the Secretary of War. Smoke agent. 2,543,006, Feb. 27.
Finkelstein, Leo, Perryman, Md., assignor to the United States of America as represented by the Secretary of War. Incendiary filling for bombs. 2,553,568, May 22.
Finken, Walter S.: *See*—
Frieder, Leonard P., and Finken.
Finkl, A., & Sons Co., assignee: *See*—
Ledin, Theodore A.
Finkl, Charles W., Evanston, Ill. Throttle control. 2,579,811, Dec. 25.
Finlay, Donald W.: *See*—
Drakeley, George T., and Finlay.
Finlayson, Donald, and A. W. M. Cooke, Sponden, near Derby, England, assignors to Celanese Corporation of America. Solutions of polyvinyl chloride and preparing same. 2,538,091, Jan. 16.
Finlayson, Frank E., Ontario, Calif., assignor to General Electric Company. Water supply means for steam iron steam generators. 2,557,732, June 19.
Finlayson, Frank E., Ontario, Calif., assignor to General Electric Company. Block soleplate and cover for electric flatirons. 2,561,189, July 17.
Finley, John F.: *See*—
Henderson, Raymond L., and Finley.
Finley, Lee P., Ogdensburg, N. Y. Telescoping implement hitch. 2,538,448, Jan. 16.
Finlok Block, Inc., assignee: *See*—
Chittenden, Barrett W.
Finn, Alfred L., Detroit, Mich., assignor to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Adhesive cementing and coating composition. 2,537,982, Jan. 16.
Finn, Daniel J., Everett, Mass. Pneumatic deck scaling machine. 2,562.899. Aug. 7.
Finn, Robert K., Westfield, assignor to Merck & Co., Inc., Rahway, N. J. Recovery of penicillin from fermentation broth. 2,563,779, Aug. 7.
Finneburgh, Lewis H., Jr.: *See*—
Finke, Theodore R., Stewart, and Finneburgh.
Finneburgh, Lewis H., Jr., Cleveland Heights, Ohio. Television antenna system. 2,566,287, Aug. 28.
Finnell, Walter S., Elkhart, Ind. Floor processing machine. 2,541,812, Feb. 13.
Finney, Thelma A., Santa Ana, Calif. Extensible brush carried by closure. 2,538.447, Jan. 16.
Finney, William J., Cambridge, Mass. Frequency determination. 2,574,470, Nov. 13.
Finno, James, Brooklyn, N. Y. Lithographic printing plate. 2,561,353, July 24.
Finno, James, Brooklyn, N. Y. Lithographic process. 2,561,354, July 24.
Finocchiaro, Carlo U., New York, N. Y. Fire escape mechanism. 2,567,278, Sept. 11.
Fiorini, Augusto, Turin, Italy. Drill chuck. 2,556,263, June 12.
Fiorucci, Victor, Nice, France. Cable operated closing means for bags and suitcases. 2,556,324, June 12.
Firestine, John C., South River, N. J., assignor to E. I. du Pont de Nemours and Company, Wilmington, Del. Preparation of 2-methyl-5-benzoyl benzoxazole and cyclammonium salts thereof. 2,561,190, July 17.

Firestone, Floyd A.: *See*—
Frederick, Julian R., and Firestone.
Firestone, Floyd A., Washington, D. C., and D. S. Ling, Jr., Ann Arbor, Mich., assignors to Sperry Products, Inc., Hoboken, N. J. Generating and utilizing vibrational waves in plates. 2,536,128, Jan. 2.
Firestone Tire & Rubber Company, The, assignee: *See*—
Albert, Harry E.
Albert, Harry E., and Smith.
Allen, Raymond W.
Alliger, Glen.
Ambelang, Joseph C.
Armitage, Frank L., and Broden.
Bartovics, Albert.
Bebb, Robert L.
Behrend, Elizabeth M.
Brink, Winfield S.
Brown, Roy W.
Campbell, Harris S.
Candlin, James E., Jr., and Brown.
Carr, Edward L.
Cline, Delbert C.
Cook, Wendell S.
Draman, Rexford E.
Diehl, John A.
Eberly, Kenneth C.
Eberly, Kenneth C., and Reid.
Eberly, Kenneth C., Smith, and Albert.
Flint, Hyland C.
Formaz, Conrad G.
Greenup, Harold W., and Green.
Hanson, Elmo E., and Daniel.
Harlow, Samuel L., Jr.
Kitchen, Leland J.
Kitchen, Leland J., and Ambelang.
Mansfield, Ernest B., Luebbers, and Lange.
Mason, Fred H., and Schott.
Miller, John L., and Boughter.
Nanfeldt, William J.
Reid, Robert J.
Schmidt, Ernst.
Smith, George E. P., Jr.
Smith, George E. P., Jr., and Carr.
Smith, George E. P., Jr., and Shotton.
Smith, Thomas E.
Stefl, Eugene P., and Bentz.
Street, John N., and Dunbrook.
Trainer, James E.
Warner, Lewis E.
Weissert, Frederick C., Behrend, and Briant.
Whipple, Robert P.
Wohler, Leonard A., and Schmidt.
Workman, Clarence E.
York, Emerson W., and Smith.
Firestone, Vance S., Newark, Ohio, assignor, by mesne assignments, to Carlisle Corporation, Carlisle, Pa. Method and apparatus for cutting tire tread stock. 2,539,240, Jan. 23.
Firetox Company, assignee: *See*—
Doughty, Howard W.
Firing, Osborne, Staten Island, N. Y., and L. M. Dorman, Meadville, Pa., assignors to Talon, Inc. Shedding mechanism for looms. 2,552,418, May 8.
Firma Triumph-Werke Nürnberg A. G. Nurnberg, assignee: *See*—
Gebhardt, Konrad.
Firman, Reginald A.: *See*—
Pierson, Reginald K., and Firman.
Firman, Reginald A., Weybridge, assignor to Vickers-Armstrongs Limited, London, England. Bomb slip and analogous releasable attachment. 2,565,172, Aug. 21.
Firmin, Fred, Detroit, assignor to Modern Collet & Machine Company, Ecorse, Mich. Slide mounting. 2,548,712, Apr. 10.
First National Bank of Santa Fe, The, executor: *See*—
Cooley, Lenore B.
Firth-Brown Tools Limited, assignee: *See*—
Booth, Christopher H.
Firth, David, South Bend, assignor to Dodge Manufacturing Corporation, Mishawaka, Ind. Shaft bearing. 2,543,905, Mar. 6.
Firth, David, South Bend, assignor to Dodge Manufacturing Corporation, Mishawaka, Ind. Mounting for sheaves, etc. 2,571,699, Oct. 16.
Firth, David, South Bend, assignor to Dodge Manufacturing Corporation, Mishawaka, Ind. Locking means for adjusting nuts. 2,577,516, Dec. 4.
Firth, Francis G., New York, N. Y. Magnetostrictive device. 2,542,075, Feb. 20.
Firth, Francis G., New York, N. Y. Production of high-frequency waves in a liquid medium. 2,559,864, July 10.
Firth, Francis G., New York, N. Y. Magnetostrictive device. 2,566,984, Sept. 4.
Firth, Marcie R., Rodessa, La. Valve. 2,573,761, Nov. 6.
Firth, Thos., & John Brown Limited, assignee: *See*—
Kirkby, Henry W., and Sykes.
Fiscella, John J.: *See*—
Gannon, John J., Fiscella, Powell, and Bramfitt.
Fisch, Richard A., Kew Gardens, N. Y. Mounting and protecting device for cathode-ray tubes. 2,559,353, July 3.
Fisch, Richard A., Kew Gardens, N. Y. Shield for television tubes. 2,560,336, July 10.
Fischbach, Carlos, Buenos Aires, Argentina. Machine for extracting juice from fruits. 2,562,452, July 31.
Fischbein, David, assignee: *See*—
Mosberg, Abraham.
Fischer, Albert C., deceased, Chicago, Ill.; W. C. and C. G. Fischer, executors of said A. C. Fischer, assignors to Servicised Products Corporation. Contraction joint for concrete. 2,540,251, Feb. 6.
Fischer, Albert C., deceased, Chicago, Ill.; W. C. and C. G. Fischer, executors of said A. C. Fischer, assignors to Servicised Products Corporation. Rubberized bituminous sealing joint. 2,540,252, Feb. 6.
Fischer, Albert C., deceased, Chicago, Ill.; W. C. and C. G. Fischer, executors, assignors to Servicised Products Corporation. Nonextruding expansion joint. 2,580,163, Dec. 25.
Fischer, Albert W., Highland Park, assignor to General Motors Corporation, Detroit, Mich. Relay. 2,573,000, Oct. 30.
Fischer, Arthur H., assignor to Minerec Corporation, New York, N. Y. Bis carbonyl dithiophosphate compounds. 2,574,554, Nov. 13.
Fischer, Bazle G.: *See*—
Fischer, George M. and B. G.
Fischer, Cecile G., executor: *See*—
Fischer, Albert C.
Fischer, Charles: *See*—
Lindstaedt, Frank F., and Fischer.
Fischer, Charles R.: *See*—
Lindstaedt, Frank F., and Fischer.
Fischer, Cecile G., executor: *See*—
Fischer, Albert C.
Fischer, Georg, Aktiengesellschaft, assignee: *See*—
Rothschild, Hans J.
Fischer, George M. and B. G., Billings, Mont. Gun sight mounting. 2,576,007, Nov. 20.
Fischer, Frank, Somerville, N. J. Making multicolor printing plates. 2,543,623, Feb. 27.
Fischer, Frank N., Whiting, Ind., and J. B. Kuzel, Calument City, Ill. Valve stopper. 2,568,615, Sept. 18.
Fischer, Harry C., Plymouth, Mich. Water-softening apparatus and system. 2,545,425, Mar. 13.
Fischer, Herbert C., Wellesley Hills, and A. H. W. Higgins, Boston, Mass. Structural element. 2,549,442, Apr. 17.
Fischer, Howard L., St. Paul, Minn. Writing instrument. 2,565,601, Aug. 28.
Fischer, Howard P., Monaca, Pa. Stencil apparatus for flatware decorating. 2,558,674, June 26.
Fischer, Howard R., and J. A. Roberts, Detroit, Mich., assignors to Chicago Pneumatic Tool Company, New York, N. Y. Distributing valve. 2,574,096, Nov. 6.
Fischer, John J., Chicago, and D. W. Hadley, Evanston, assignors to Armour Research Foundation of Illinois Institute of Technology, Chicago, Ill. Differential spool drive. 2,542,917, Feb. 20.
Fischer, Jürgen, and P. R. Kluge, Hamburg, Germany. Knee joint of artificial legs. 2,575,802, Nov. 20.
Fischer, Karl A., College Park, Md. Calculator. 2,569,466, Oct. 2.
Fischer, Karl A., College Park, Md. Dewaxing petroleum products with monobromo-monochloro-methane. 2,578,685, Dec. 18.
Fischer, Karl A., Washington, D. C. Apparatus for determining paraffin percentages. 2,562,901, Aug. 7.
Fischer, Karl A., Washington, D. C. Testing wax. 2,562,902, Aug. 7.
Fischer, Karl A., Washington, D. C. Dewaxing of mineral and tar oils. 2,565,489, Aug. 28.
Fischer, Laurin G., assignor to Federal Telephone and Radio Corporation, New York, N. Y. Direction finding system. 2,539,413, Jan. 30.
Fischer, Leander J., Marblehead, Mass., assignor to General Electric Company. Dehydration of frozen foods. 2,564,475, Aug. 14.
Fischer, Leo, and P. Merwitz, Chicago, Ill. Woven fabric. 2,557,819, June 19.
Fischer, Otto, Corona, assignor, by mesne assignments, to American Machine and Metals, Inc., New York, N. Y. Air relay device for pressure controlled systems. 2,560,163, July 10.
Fischer, Otto, New York, N. Y. Wheeled amusement and exercise vehicle. 2,555,480, June 5.
Fischler, Paul E., assignor of one-half to J. Nathanson, Buffalo, N. Y. Radio alarm transmitting, recording, and signaling system. 2,574,696, Nov. 13.
Fischer, Paul E., Portland, and E. Ardell, Middletown, assignors, by mesne assignments, to Hartford-Empire Company, Hartford, Conn. Magnetic crate loading apparatus with automatic stop at successive levels. 2,540,612, Feb. 6.
Fischer, Paul W., Long Beach, assignor to Union Oil Company of California, Los Angeles, Calif. Drilling fluids. 2,542,019, Feb. 20.
Fischer, Paul W., Long Beach, assignor to Union Oil Company of California, Los Angeles, Calif. Drilling fluid compositions. 2,542,020, Feb. 20.
Fischer, Paul W., Long Beach, assignor to Union Oil Company of California, Los Angeles, Calif. Treatment of oil-base drilling fluids. 2,550,054, Apr. 24.
Fischer, Paul W., Long Beach, assignor to Union Oil Company of California, Los Angeles, Calif. Drilling fluids. 2,573,959, Nov. 6.
Fischer, Paul W., Long Beach, assignor to Union Oil Company of California, Los Angeles, Calif. Drilling fluid concentrates. 2,573,960, Nov. 6.

Fischer, Paul W., Long Beach, assignor to Union Oil Company of California, Los Angeles, Calif. Low-resistance drilling fluids. 2,573,961, Nov. 6.

Fischer, Paul W., Long Beach, and R. A. Rogers, Wilmington, assignors to Union Oil Company of California, Los Angeles, Calif. Drilling mud. 2,550,236, Apr. 24.

Fischer, Paul W., and J. F. Cook, Long Beach, assignors to Union Oil Company of California, Los Angeles, Calif. Drilling fluid. 2,552,775, May 15.

Fischer & Porter Company, assignee: *See*—
Brewer, Nathaniel.
Curran, Fred J.
Head, Victor P.

Fischer, Ruth M., assignee: *See*—
Fischer, William V.

Fischer, Wallace C., executor: *See*—
Fischer, Albert C.

Fischer, William L., Schenectady, assignor to American Locomotive Company, New York, N. Y. Yieldable support. 2,555,637, June 5.

Fischer, William V., Akron, Ohio, assignor to R. M. Fischer. Air compressor. 2,572,711, Oct. 23.

Fischman, Martin, Brooklyn, N. Y., assignor, by mesne assignments, to the United States of America as represented by the Secretary of the Navy. Pulse generator. 2,573,558, Oct. 30.

Fiset, Alphonse J., Worcester, and C. D. Brown, assignors to Draper Corporation, Hopedale, Mass. Automatic battery for looms. 2,566,880, Sept. 4.

Fish, Carl C., Detroit, and C. V. Johnson, Pontiac, assignors to Ferro Stamping and Manufacturing Company, Detroit, Mich. Latch construction. 2,537,661, Jan. 9.

Fish, Carl C., assignor to Ferro Stamping and Manufacturing Company, Detroit, Mich. Window regulator mechanism. 2,541,579, Feb. 13.

Fish Engineering Corporation, assignee: *See*—
Hutchinson, Arthur J. L.

Fish, Frank L., Los Angeles, Calif. Slide changing device for projectors. 2,549,898, Apr. 24.

Fish, George R., assignor to Edwards & Company, Inc., Norwalk, Conn. Electric signal device. 2,561,355, July 24.

Fish, Herbert L., assignor, by mesne assignments, to Tubing Appliance Co., Inc., Los Angeles, Calif. Open-sided-socket ratchet wrench. 2,578,686, Dec. 18.

Fish, Herbert L., assignor to Tubing Appliance Company, Inc., Los Angeles, Calif. Split ratchet socket wrench. 2,578,687, Dec. 18.

Fish, John J., assignor to Sun Chemical Corporation, New York, N. Y. Wax composition and preparation thereof. 2,573,422, Oct. 30.

Fish, John J., assignor to Sun Chemical Corporation, New York, N. Y. Wax products and preparation thereof. 2,573,423, Oct. 30.

Fish Machinery Corporation, assignee: *See*—
Hunt, William H.
Savrda, Charles M.

Fish, Walter S., Pelham, and R. D. McCoy, Bronxville, N. Y., assignors to Servo Control Company, Inc. Automatic elevator system. 2,557,179, June 19.

Fishbein, Meyer, Los Angeles, and M. J. Nagy and D. M. Threewit, Inglewood, assignors to Northrop Aircraft, Inc., Hawthorne, Calif. Artificial arm. 2,537,338, Jan. 9.

Fishbein, Meyer, Los Angeles, and M. J. Nagy, Inglewood, assignors to Northrop Aircraft, Inc., Hawthorne, Calif. Control cable length adjuster. 2,537,339. Jan. 9.

Fishbein, Meyer, Los Angeles, and L. J. Stevenson, assignors to Northrop Aircraft, Inc., Hawthorne, Calif. Artificial hand with worm and gear drive to thumb. 2,549,074, Apr. 17.

Fishburn, Otto E.: *See*—
Ochs, Sidney A., and Fishburn.

Fishburn, Otto E., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Transmission synchromesh mechanism. 2,555,963, June 5.

Fishburn, Otto E., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Power transmission. 2,571,434, Oct. 16.

Fisher, Albert B., Jr.: *See*—
Shaffer, Chester E., and Fisher.

Fisher, Andrew J., Sparrows Point, Md., assignor to Bethlehem Steel Company. Multijet oil burner. 2,560,941, July 17.

Fisher, Arnold J.: *See*—
Fisher, Ferdinand F. and A. J.

Fisher, Bernard C., Jersey City, N. J. Spark plug. 2,545,546, Mar. 20.

Fisher, Berne N., Roselle, assignor to General Instrument Corporation, Elizabeth, N. J. Tuning device. 2,540,196, Feb. 6.

Fisher, Berne N., New York, N. Y., assignor to General Instrument Corporation, Elizabeth, N. J. Insulated multisection condenser rotor shaft. 2,548,713, Apr. 10.

Fisher, Berne N., New York, N. Y., assignor to General Instrument Corporation, Elizabeth, N. J. Tone arm and operating mechanism for automatic record changer phonographs. 2,550,794, May 1.

Fisher, Berne N., Roselle, assignor to General Instrument Corporation, Elizabeth, N. J. Dual purpose pickup assembly and relief member therefor. 2,572,712, Oct. 23.

Fisher, Berne N., Roselle, assignor to General Instrument Corporation, Elizabeth, N. J. Control and dial arrangement for multiband tuning units. 2,579,659, Dec. 25.

Fisher, Charles B., deceased, Williamsport, Pa., by G. F. Fisher, executrix, E. F. Berry, administratrix de bonis non cum testamento annexo, assignor to O. A. Norlund Company Inc., Williamsport, Pa. Gaff. 2,579,812, Dec. 25.

Fisher, Charles H.: *See*—
Fein, Martin L., and Fisher.
Filachione, Edward M., and Fisher.
Filachione, Edward M., Fein, and Fisher.
Ratchford, William P., and Fisher.

Fisher, Charles H., Abington, Pa., and M. L. Fein, Riverside, N. J., assignors to the United States of America as represented by the Secretary of Agriculture. Acylating castor oil. 2,562,900, Aug. 7.

Fisher, Charles R., Fremont, G. W. Heise, Rocky River, and E. A. Schumacher, Parma, Ohio, assignors, by mesne assignments, to Union Carbide and Carbon Corporation. Gas depolarized cell. 2,572,918, Oct. 30.

Fisher, Donald G., Petersham, Mass. Fishing lure. 2,578,411, Dec. 11.

Fisher, Emery J., Chicago, Ill. Spray gun for comminuted material and adhesive. 2,578,412, Dec. 11.

Fisher, Ferd W.: *See*—
Faulhaber, James W., Fisher, and Simons.

Fisher, Ferd W., Maple Heights, and G. J. Basl, Independence, assignors to Eaton Manufacturing Company, Cleveland, Ohio. Heater. 2,562,088, July 24.

Fisher, Ferdinand F. and A. J., Van Nuys, Calif. Lathe accessory. 2,562,661, July 31.

Fisher, Frank, Owosso, Mich. Baling wire cutter. 2,575,948, Nov. 20.

Fisher, Gerald A., assignor to Bendix Aviation Corporation, South Bend, Ind. Burner nozzle. 2,572,606, Oct. 23.

Fisher, Gertrude F., executrix: *See*—
Fisher, Charles B.

Fisher, Gertrude F., deceased; L. F. Steinhelper, E. F. Berry, and H. S. Phillips, executors, assignors to O. A. Norlund Company Inc., Williamsport, Pa. Ice creeper. 2,579,143, Dec. 18.

Fisher, Hardin Y., Hillside, and E. M. Soreng, Skokie, assignors to Soreng Manufacturing Corporation, Chicago, Ill. Motor starting circuits and relay. 2,548,148, Apr. 10.

Fisher, Harold: *See*—
Bradley, Ronald E., and Fisher.

Fisher, Harry, Portland, Oreg. Telephone index holder. 2,553,853, May 22.

Fisher, Harry C., Cincinnati, and B. E. Sooy, Middletown, Ohio, assignors, by mesne assignments, to Consolidated Water Power & Paper Company, Wisconsin Rapids, Wis. Imprinting coatings on paper and paperboard. 2,578,345, Dec. 11.

Fisher, Henry B.: *See*—
Lea, Peggy J., and Fisher.

Fisher, Herman G.: *See*—
Doe, Walter P., Sly, and Fisher.

Fisher, Herman S.: *See*—
Stevenson, Samuel J., Klusman, and Fisher.

Fisher, Ivan K.: *See*—
Richardson, Arthur B. F. G., Tunnicliff, and Fisher.

Fisher, James W.: *See*—
May, Geoffrey B., and Fisher.

Fisher, Jesse, assignor to Glo-Lure, Inc., Medford, Wis. Artificial fish bait. 2,563,522, Aug. 7.

Fisher, John, assignee: *See*—
Casabianca, John.

Fisher, John H., St. Catherines, and H. B. Marshall, Toronto, assignors to The Ontario Paper Company Limited, Thorold, Ontario, Canada. Producing vanillin. 2,576,752, Nov. 27.

Fisher, John H., St. Catharines, and H. B. Marshall, Toronto, assignors to The Ontario Paper Company Limited, Thorold, Ontario, Canada. Producing vanillin. 2,576,753, Nov. 27.

Fisher, John H., and C. A. Sankey, St. Catharines, assignors to The Ontario Paper Company Limited, Thorold, Ontario, Canada. Producing vanillin. 2,576,754, Nov. 27.

Fisher, John R., assignor to The Commonwealth Engineering Company of Ohio, Dayton, Ohio. Treating oils. 2,567,106, Sept. 4.

Fisher, John R., Jr.: *See*—
Vlad, John, and Fisher.

Fisher, John R., Jr., assignor to Industrial Metal Protectives, Inc., Dayton, Ohio. Coating metal and articles produced thereby. 2,540,108, Feb. 6.

Fisher, John R., Jr., assignor to Industrial Metal Protectives, Inc., Dayton, Ohio. Liquid coating composition. 2,568,188, Sept. 18.

Fisher, John R., Jr., assignor to Industrial Metal Protectives, Inc., Dayton, Ohio. Liquid coating composition. 2,568,189, Sept. 18.

Fisher, John R., Jr., assignor to New Wrinkle, Inc., Dayton, Ohio. Applying a modified wrinkle finish coating to a base. 2,576,290, Nov. 27.

Fisher, John R., Jr., Newport News, Va., and I. Kenis, assignors to Industrial Metal Protectives, Inc., Dayton, Ohio. Baking liquid coating compositions. 2,555,587, June 5.
Fisher, John R., Jr., and J. E. Price, assignors to Chadeloid Corporation, Dayton, Ohio. Stain-filler emulsion and applying same. 2,565,602, Aug. 28.
Fisher, Joseph R., Chatham, and G. K. Teal, Summit, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Silicon-germanium resistor and making it. 2,552,626, May 15.
Fisher, Lawrence E., assignor to BullDog Electric Products Company, Detroit, Mich. Circuit breaker. 2,579,252, Dec. 18.
Fisher & Ludlow Limited, assignee: *See*—
Orwin, Olaf J. B.
Fisher, Mark, Coventry, Warwickshire, assignor to A. T. S. Company Limited, Belgrave Square, England. Locking device for temporary clamping together two or more pieces of sheet metal. 2,570,928, Oct. 9.
Fisher, Martin H.: *See*—
Kimball, Albert W., and Fisher.
Fisher, Oliver W., Jr., assignee: *See*—
Fisher, Oliver W., Sr.
Fisher, Oliver W., Sr., assignor of one-half to O. W. Fisher, Jr., Baton Rouge, La. Ant trap. 2,545,772, Mar. 20.
Fisher, Philip A.: *See*—
Jessup, Alfred C., Emley, and Fisher.
Fisher-Price Toys, Inc., assignee: *See*—
Doe, Walter P., Sly, and Fisher.
Fisher, Ralph J., Altadena, Calif. Glass filler faucet. 2,545,810, Mar. 20.
Fisher, Ray W., Ames, Iowa, assignor to the United States of America as represented by the United States Atomic Energy Commission. Forming uranium carbide. 2,580,349, Dec. 25.
Fisher, Robert G., Coplay, Pa. Steam boiler. 2,544,013, Mar. 6.
Fisher, Roy R., Paris, Ky. Bottle warmer. 2,536,596, Jan. 2.
Fisher, Roy R., assignor to Electric Steam Radiator Corporation, Paris, Ky. Electric bottle warmer. 2,555,229, May 29.
Fisher, Roy R., assignor to Electric Steam Radiator Corporation, Paris, Ky. Electric vaporizer. 2,576,110, Nov. 27.
Fisher, Roy R., Paris, Ky. Vertical vaporizer. 2,577,958, Dec. 11.
Fisher, Samuel C., Jeannette, and R. S. Lynch, Greensburg, assignors to Elliott Company, Jeannette, Pa. Elastic fluid turbine. 2,548,714, Apr. 10.
Fisher, W. Reuen, Woodland, Mich. Drill guide bushing. 2,543,840, Mar. 6.
Fisher, Ward E.: *See*—
Connell, Balfour Y., and Fisher.
Fishfader, Stanley S.: *See*—
Bowitz, Harlan, and Fishfader.
Fishkin, Joseph: *See*—
Shreeve, Charles A., Jr., Armstrong, and Fishkin.
Fishlove, Irving H., Chicago, Ill. Magnetic target with envelope. 2,562,089, July 24.
Fishter, Jacob F., assignor to Panogear Industries, Los Angeles, Calif. Tripod head. 2,555,638, June 5.
Fisk, Bert, and C. L. Spencer, Washington, D. C. Electronic switch. 2,557,085, June 19.
Fisk, Bert, and C. L. Spencer, Washington, D. C. Electronic commutator circuit. 2,557,086, June 19.
Fisk, Bert, and C. L. Spencer, Washington, D. C. Phase maintaining system. 2,564,682, Aug. 21.
Fisk, John E., South Euclid, Ohio. Safety razor. 2,574,176, Nov. 6.
Fiske, Augustus H., Jr.: *See*—
Fehr, Robert O., Fiske, and Wells.
Fiske, Augustus H., Jr., Schenectady, N. Y., assignor to General Electric Company. Method and apparatus for calibrating sound meters. 2,558,550, June 26.
Fiske, Milan D., Burnt Hills, N. Y., assignor to General Electric Company. Ultra high frequency coupling and measuring device. 2,549,443, Apr. 17.
Fiske, Milan D., Burnt Hills, N. Y., assignor to General Electric Company. Wave guide filter. 2,577,118, Dec. 4.
Fiske, Milan D., Schenectady, N. Y., assignor to General Electric Company. Apparatus for coupling ultra high frequency systems. 2,557,180, June 19.
Fiske, Milan D., Schenectady, N. Y., assignor to General Electric Company. Ultra high frequency coupling device for wave guides. 2,567,701, Sept. 11.
Fitch, Clifford E., Crete, Ill. Impact tool. 2,563,711, Aug. 7.
Fitch, Dudley R., Ransomville, N. Y. Chain saw grinding machine. 2,568,062, Sept. 18.
Fitch, Ellery, Bogue, Kans. Pipe puller. 2,561,692, July 24.
Fitch, Ellery R., assignor to Bendix-Westinghouse Automotive Air Brake Company, Elyria, Ohio. Fluid pressure operated gun. 2,566,181, Aug. 28.
Fitch, Elliott B., Westport, assignor to The Dorr Company, Stamford, Conn. Method and apparatus for continuously conducting ion exchange operations. 2,572,848, Oct. 30.
Fitch, Frederick B., Detroit, Mich. Bean harvester. 2,549,185, Apr. 17.
Fitch, Frederick B., assignor to Morris Farm Machinery Company, Detroit, Mich. Flexible shaft. 2,570,335, Oct. 9.
Fitch, Hugh, Williamsville, and R. Gillis, Snyder, assignors to Western Electric Company, Incorporated, New York, N. Y. Apparatus for taping cores. 2,570,929, Oct. 9.
Fitch, Robert F., Glendale, Calif. Antithumb-sucking device. 2,536,633, Jan. 2.
Fitch and Sons, Inc., assignee: *See*—
Fitch, William L.
Fitch, William L., Santa Cruz, Calif., assignor to Fitch and Sons, Inc. Prosthetic appliance. 2,537,402, Jan. 9.
Fitchman, Arthur: *See*—
Richman, Samuel L., and Fitchman.
Fitler, Edwin H., Company, The, assignee: *See*—
Crossman, Kenneth W., and Numerof.
Fitpold, Joseph E., Chicago, Ill., assignor to United States Hoffman Machinery Corporation, New York, N. Y. Ironing board equipment. 2,558,350, June 26.
Fitterling, Cecil H., South Bend, assignor to Mishawaka Rubber and Woolen Manufacturing Company, Mishawaka, Ind. Making closure flap structures. 2,566,520, Sept. 4.
Fitts, George R., York, Pa., and F. G. Low, Newark, Del., assignors to Read Standard Corporation. Countercurrent solvent extractor. 2,567,474, Sept. 11.
Fitz Gerald, Alan S., Wynnewood, Pa., assignor to Warren Webster & Company, Camden, N. J. Automatic temperature control system. 2,547,933, Apr. 10.
Fitz Gerald, Alan S., Wynnewood, Pa., assignor to Warren Webster & Company, Camden, N. J. Heat-regulating system. 2,554,945, May 29.
Fitzgerald, Albert J., Syracuse, N. Y., assignor to General Electric Company. Jointure for prefabricated structures. 2,577,119, Dec. 4.
Fitzgerald, Carl E., assignor to Burdett Manufacturing Company, Chicago, Ill. Internally fired gas burner with interconnecting flash tubes and safety cutoff. 2,563,230, Aug. 7.
Fitzgerald, Charles F.: *See*—
Smithson, Ralph O., and Fitzgerald.
Fitzgerald, Charles F., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Receptacle. 2,549,965, Apr. 24.
Fitzgerald, Frank P., New York, N. Y., and A. F. Stieh, Bayonne, N. J. Tube expander. 2,543,007, Feb. 27.
Fitzgerald, Harold G., Los Angeles, Calif. Projector for handling transparent plates. 2,564,057, Aug. 14.
Fitzgerald, James F., Detroit, Mich. Shaving brush. 2,548,429, Apr. 10.
Fitzgerald, James W., Alexandria, Va. Rubber dome for underwater sound. 2,575,339, Nov. 20.
Fitzgerald, James W., and B. G. Hurdle, Washington, D. C., and C. L. Morse, U. S. Navy. Cable seal. 2,563,829, Aug. 14.
Fitzgerald, John R., Harlingen, Tex. Cooking device. 2,558,077, June 26.
Fitzgerald, Maurice E. H.: *See*—
Campbell, Norman R., Fitzgerald, Collier, and Dunsmuir.
Fitzgerald, William J.: *See*—
Flood, James E., Fitzgerald, and Wilmot.
Steven, Jewel, and Fitzgerald.
Fitzgerald, William M., Sanford, N. C. Paper carrier for typewriters. 2,548,715, Apr. 10.
Fitzgibbon, Chester M., Milwaukee, Wis. Confection freezer. 2,541,228, Feb. 13.
Fitz Herbert, Alec B.: *See*—
Welsh, Robert J., and Fitz Herbert.
Fitzpatrick, Frank L., East Malvern, Victoria, Australia. Machine for forming concrete pipes. 2,560,426, July 10.
Fitzpatrick, James R., Chicago, and A. N. Carstens, Park Ridge, Ill. Composite article and making it. 2,551,796, May 8.
Fitzpatrick, John T., Charleston, W. Va., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Reacting ketene and unsaturated carbonylic compounds. 2,554,528, May 29.
Fitzpatrick, Stephen L., Detroit, Mich. Fly ash precipitator. 2,569,710, Oct. 2.
Fitzpatrick, W. J., Company, The, assignee: *See*—
Fitzpatrick, William J.
Fitzpatrick, William J., Chicago, Ill. Making cream style corn. 2,540,028, Jan. 30.
Fitzpatrick, William J., Western Springs, assignor to The W. J. Fitzpatrick Company, Chicago, Ill. Preparing corn. 2,544,380, Mar. 6.
Fitzsimmons, Harold C., West Chester, Pa., assignor to The Sharples Corporation. Hoist drive and brake mechanism. 2,557,958, June 26.
Fitzsimmons, Wilbur G., Ocala, Fla. Welding wheel. 2,548,007, Apr. 10.
Fitzsimons, Frank E., St. Louis, Mo. Mouse trap. 2,574,322, Nov. 6.
Fitz Simons, Ogden, Webster Groves, assignor to Monsanto Chemical Company, St. Louis, Mo. Pressure relief device. 2,548,298, Apr. 10.
Fixture Hardware Corporation, The, assignee: *See*—
Keil, Henry P.
Fixtures Manufacturing Corporation, assignee: *See*—
Bozarth, Gwylm H.

Flack, Walter E., Huntingdon Valley, assignor to Stokes and Smith Company, Philadelphia, Pa. Container distorting and filling machine. 2,557,181, June 19.
Flacke, Henry C., Detroit, Mich., assignor to The Budd Company, Philadelphia, Pa. Arrangement of trunk lock and license plate on motor vehicles. 2,575,211, Nov. 13.
Flader, Fredric, Inc., assignee: *See*—
Hall, Wayne C.
Fladmark, Morten, Oslo, Norway. Manufacture of oil and food products from herrings, whales, and other sea animals. 2,565,173, Aug. 21.
Flagge, Phillip F., and M. W. Gerds, Milwaukee, Wis. Tear gas projector burglar and fire alarm. 2,570,438, Oct. 9.
Flajole, William, Detroit, Mich. Electric toaster. 2,542,406, Feb. 20.
Flajole, William, Detroit, Mich. Sled construction. 2,545,268, Mar. 13.
Flakice Corporation, assignee: *See*—
Field, Crosby.
Leeson, Meldon G.
Walsh, Edward C.
Flam, August, executor: *See*—
Flam, Stephen.
Flam, Bernard, Sherman Oaks, Calif. Vibratory mechanism for molds. 2,555,688, June 5.
Flam, John, executor: *See*—
Flam, Stephen.
Flam, Joseph, executor: *See*—
Flam, Stephen.
Flam, Stephen, deceased, Van Nuys, Calif.; John, Joseph, and A. Flam, executors. Concrete block molding machine. 2,562,541, July 31.
Flame Cultivation, Incorporated, assignee: *See*—
Forbes, David M. L.
McLemore, Price C., and Knudsen.
Flamm, Alexander L., Bridgeport, Conn., assignor to Ronson Art Metal Works, Inc., Newark, N. J. Gas fueled cigar lighter. 2,571,435, Oct. 16.
Flamm, Alexander L., Bridgeport, Conn., assignor to Ronson Art Metal Works, Inc., Newark, N. J. Pressure reducing diaphragm structure. 2,573,424, Oct. 30.
Flanagan, George L., Benton City, Wash. Automatic soldering iron. 2,576,393, Nov. 27.
Flanagan, John, Maylands, assignor to Twentieth Century Inventions Limited, Adelaide, South Australia, Australia. Desk calendar. 2,542,647, Feb. 20.
Flanagan, John, Maylands, assignor to Twentieth Century Inventions Limited, Adelaide, South Australia, Australia. Perpetual calendar. 2,544,148, Mar. 6.
Flanagan, Robert M., Glen Rock, assignor to Bendix Aviation Corporation, Teterboro, N. J. Control mechanism. 2,542,863, Feb. 20.
Flanagan, Robert M., Morris Plains, assignor to Bendix Aviation Corporation, Teterboro, N. J. Pump. 2,565,764, Aug. 28.
Flanagan, William F., assignor to New Wrinkle, Inc., Dayton, Ohio. Producing a smooth-wrinkle patterned film. 2,536,048, Jan. 2.
Flanagan, William F., assignor to New Wrinkle, Inc., Dayton, Ohio. Coating composition. 2,536,049, Jan. 2.
Flanagan, William F., assignor to New Wrinkle, Inc., Dayton, Ohio. Device for differentially heating a plastic film. 2,560,855, July 17.
Flanders, Austin P., Contra Costa County, Calif. Plant food feeder. 2,536,361, Jan. 2.
Flanders, Ernest V., and C. H. Drury, assignors to Jones & Lamson Machine Company, Springfield, Vt. Machine for grinding impeller bucket shanks. 2,578,531, Dec. 11.
Flanery, Warren H.: *See*—
Flanery, Warren J. and W. H.
Flanery, Warren J. and W. H., Farmers, Ky. Tire pressure indicator. 2,550,986, May 1.
Flannery, Roy L., assignor to The Boye Needle Company, Chicago, Ill. Cabinet and support combination. 2,538,966, Jan. 23.
Flannery, Roy L., assignor to The Boye Needle Company, Chicago, Ill. Case for elongated articles. 2,545,611, Mar. 20.
Flarity, Warren H., Washington, D. C. Gas tube radio-frequency switch. 2,553,569, May 22.
Flatin, Glenn M., and A. H. Rorvig, Rothsay, Minn. Binder detachable hand rest. 2,579,915, Dec. 25.
Flaton, Jacob J., St. Louis County, Mo. Torque limiting clutch. 2,550,795, May 1.
Flawn, Percy A., Lambeth, assignor to W. H. Smith & Son Limited, London, England. Feed device for autographic registers. 2,563,523, Aug. 7.
Flawn, Percy A., assignor to W. H. Smith & Son Limited, London, England. Feed device for autographic registers. 2,565,915, Aug. 28.
Flaws, John, Jr., East Cleveland, Ohio, assignor to General Electric Company. Cathode mount making apparatus. 2,565,126, Aug. 21.
Fleck, Charles, La Chaux de Fonds, assignor to S. A. Les Fabriques de Balanciers Reunies, Bienne, Switzerland. Balance wheel for timepieces. 2,544,306, Mar. 6.
Fleck, Harry R., Biggin Hill, and G. B. E. Schueler, North Finchley, London, England. Manufacture of thermosetting resins and molding compositions from wallaba resin. 2,569,301, Sept. 25.
Fleck, Kenneth J.: *See*—
Grim, George B., and Fleck.
Fleck, Kenneth J., Peoria, and H. H. Wagner, Washington, Ill., assignors to Caterpillar Tractor Co., San Leandro, Calif. Fuel injection for internal-combustion engines. 2,565,681, Aug. 28.
Fleck, Raymond N., assignor to Union Oil Company of California, Los Angeles, Calif. Catalyst for hydrocarbon conversion. 2,547,380, Apr. 3.
Flectolite, assignee: *See*—
Young, Richard H., and Ferguson.
Fleer, Frank H., Corporation, assignee: *See*—
Mahle, Louis W.
Fleischel, Gaston, Bleneau, France. Device for control and operation by fluid servomotor. Re. 23,326, Jan. 9.
Fleischer, Max, New York, N. Y. Disk slide transparency projector. 2,540,872, Feb. 6.
Fleischer, Max, New York, N. Y. Self-examination device. 2,546,666, Mar. 27.
Fleischer Mills, Inc., The, assignee: *See*—
Fleischer, Nathan I., and Holle.
Harmon, Homer E.
Holle, Roy.
Fleischer, Nathan I., and R. Holle, assignors to The Fleischer Mills, Inc., Cincinnati, Ohio. Tag fastener. 2,542,128, Feb. 20.
Fleischer, Svend S. C., Charlottenlund, Denmark. Method and apparatus for separating single threads from a thread layer. 2,564,329, Aug. 14.
Fleischer, Svend S. C., Charlottenlund, Denmark. Device for selecting heddles for the application of threads. 2,564,330, Aug. 14.
Fleischer, Svend S. C., Charlottenlund, Denmark. Continuous centrifugal separator. 2,578,468, Dec. 11.
Fleischhacker, Max, Tel Aviv, Israel. Apparatus for the manufacture of denture models. 2,579,111, Dec. 18.
Fleischmann, Eleanor, co-executrix: *See*—
White, Jesse M.
Fleischmann, George A., assignor to Chain Belt Company, Milwaukee, Wis. Vibrating mechanism for the feeding hoppers of concrete mixers, etc. 2,552,163, May 8.
Fleischmann, Lester K., Chicago, Ill., assignor to Standard Manifold Company, Inc. Carbon holder for writing machines. 2,542,496, Feb. 20.
Fleischmann, Lester K., Chicago, Ill., assignor to Standard Manifold Company, Inc. Carbon holder for writing machines. 2,553,818, May 22.
Fleisher, Gerald A.: *See*—
Kendall, Edward C., and Fleisher.
Fleishman, Myron, New York, N. Y. Wheeled toy device and inclined support. 2,559,865, July 10.
Flekel, David, Bronx, N. Y. Photographic film transporter. 2,562,708, July 31.
Fleming, Clarence H.: *See*—
Tarpley, Lewis A., and Fleming.
Fleming, Gertrude M., Ardsley, N. Y., assignor to Farrand Optical Co., Inc. Electron lens. 2,536,878, Jan. 2.
Fleming, Harold W., Bartlesville, Okla., assignor to Phillips Petroleum Company. Catalytic hydrogenolysis of heavy residual oils. 2,541,229, Feb. 13.
Fleming, Harold W., Bartlesville, Okla., assignor to Phillips Petroleum Company. Purification of cyclic ketones obtained by oxidation of hydrocarbons. 2,552,670, May 15.
Fleming, Howard M., West Orange, assignor to Monroe Calculating Machine Company, Orange, N. J. Partial product multiplying machine. 2,541,507, Feb. 13.
Fleming, Howard M., West Orange, assignor to Monroe Calculating Machine Company, Orange, N. J. Total taking means for calculating machines. 2,549,186, Apr. 17.
Fleming, Howard M., West Orange, assignor to Monroe Calculating Machine Company, Orange, N. J. Paper aligner for recording machines. 2,549,187, Apr. 17.
Fleming, Howard M., West Orange, assignor to Monroe Calculating Machine Company, Orange, N. J. Printing tabulating mechanism. 2,570,931, Oct. 9.
Fleming, James C., Lubbock, assignor of one-half to R. Baker, Plainview, Tex. Liquefied gas dispensing system. 2,564,526, Aug. 14.
Fleming, Lawrence, Falls Church, Va. Variable frequency oscillator. 2,565,490, Aug. 28.
Fleming, Robert B., Dallas, Tex. Clamping sawhorse and workbench. 2,541,508, Feb. 13.
Fleming Specialty Company, assignee: *See*—
Holmes, Raymond D.
Fleming Steel Company, The, assignee: *See*—
Rape, Robert F.
Fleming, William, assignor to Selectronics, Inc., San Leandro, Calif. Electronic siren. 2,576,585, Nov. 27.
Fleming, William M., Nutley, assignor to Eskimo Pie Corporation, Bloomfield, N. J. Apparatus for fluid filling of containers. 2,579,916, Dec. 25.
Fleming, William R., Jr., Fairfield, Ill. Portable tower for use in trimming trees. 2,542,497, Feb. 20.
Fleming-Williams, B. Clifford, and A. Allen, assignors to A. C. Cossor Limited, London, England. Apparatus for indicating the position of bodies. 2,553,907, May 22.
Fleming-Williams, Brian C., assignor to A. C. Cossor Limited, London, England. Oscillation generator. 2,541,230, Feb. 13.
Fleming-Williams, Brian C., assignor to A. C. Cossor Limited, London, England. Wave-form generator. 2,552,949, May 15.

Flenner, Albert L., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Flame-resistant zinc ethylene bis-dithiocarbamate fungicidal powder. 2,545,948, Mar. 20.
Flentje, Karl W.: *See*—
Peters, Norman J., and Flentje.
Flesch, Norman, assignor to American Steel Foundries, Chicago, Ill. Brake head arrangement. 2,547,572, Apr. 3.
Flesch, Norman, assignor to American Steel Foundries, Chicago, Ill. Brake beam guide. 2,547,860, Apr. 3.
Fletcher, Arthur T., Bristol, Conn. Machine for cutting glass disks. 2,576,291, Nov. 27.
Fletcher, Earl G., Fort Dodge, Iowa. Device for removing and replacing sleeves. 2,568,998, Sept. 25.
Fletcher, Ed: *See*—
Slayter, Games, and Fletcher.
Fletcher, Ed, Newark, Ohio, assignor to Owens-Corning Fiberglas Corporation. Apparatus for producing fibers. 2,571,025, Oct. 9.
Fletcher, Edward H.: *See*—
Hanson, Paul L., and Fletcher.
Fletcher, Edward H., Waterloo, assignor to Deere Manufacturing Co., Dubuque, Iowa. Controllable stop for regulating strokes of fluid pressure apparatus. 2,545,573, Mar. 20.
Fletcher, Edward H., Waterloo, assignor to Deere Manufacturing Co., Dubuque, Iowa. Variable position control for hydraulic systems. 2,547,861, Apr. 3.
Fletcher, Edward H., Waterloo, assignor to Deere Manufacturing Co., Dubuque, Iowa. Fluid line coupling. 2,549,791, Apr. 24.
Fletcher, Frank H., Jr., Flushing, assignor to E. K. and M. E. Haferkamp, Oswego, and V. H. Fletcher, Flushing N. Y. Seal for centrifugal machines. 2,573,425, Oct. 30.
Fletcher, H. E., Co., assignee: *See*—
Fletcher, Ralph A.
Fletcher, H. E., Company, assignee: *See*—
Horton, William B.
Mackenzie, Robert S.
Stratton, Harry E.
Vasselin, John F.
Fletcher, Hazel M.: *See*—
Hansen, Arnold M., and Fletcher.
Fletcher, James, Akron, and E. C. Huge, Barberton, Ohio, assignors to The Babcock & Wilcox Company, Rockleigh, N. J. Attemperator. 2,550,683, May 1.
Fletcher, Lynn: *See*—
Winks, John, and Fletcher.
Fletcher, Lynn, and J. Winks, assignors to Lowell Specialty Company, Lowell, Mich. Insecticide duster. 2,564,058, Aug. 14.
Fletcher, Maurice C., Altadena, Calif. Structural member. 2,542,129, Feb. 20.
Fletcher, Maurice J., Maxwell, Iowa, assignor to the United States of America as represented by the Secretary of War. Segmented articulated finger. 2,545,452, Mar. 20.
Fletcher, Maurice J., Maxwell, Iowa, assignor to the United States of America as represented by the Secretary of War. Control device for prosthetic hands. 2,549,792, Apr. 24.
Fletcher, Norman, Worcester, and W. Y. Robb, Whitinsville, assignors to Crompton & Knowles Loom Works, Worcester, Mass. Weft needle mechanism for Axminster looms. 2,548,662, Apr. 10.
Fletcher, Norman, Worcester, and W. Y. Robb, Whitinsville, assignors to Crompton & Knowles Loom Works, Worcester, Mass. Weft needle mechanism for Axminster looms. 2,548,663, Apr. 10.
Fletcher, Ralph A., Westford, assignor to H. E. Fletcher Co., Chelmsford, Mass. Lewis. 2,563,164, Aug. 7.
Fletcher, Samuel V.: *See*—
Pettengill, George D., and Fletcher.
Fletcher Trust Company, executor: *See*—
Starkey, William C.
Fletcher, Virginia H., assignee: *See*—
Fletcher, Frank H., Jr.
Fletcher, Walter, Rome, Ga., assignor to Celanese Corporation of America. Yarn package support. 2,576,254, Nov. 27.
Fletcher Works Incorporated, assignee: *See*—
Egee, Walter W.
Flexible Sewer Rod Equipment Company, assignee: *See*—
Ciaccio, Peter L.
Flexico (U. S. A.) S. A., assignee: *See*—
Madsen, Borge.
Flexitallic Gasket Company, assignee: *See*—
Price, William R.
Flex-O-Glass, Inc., assignee: *See*—
Warp, Harold.
Flex-O-Tube Company, assignee: *See*—
Coss, George R.
Flexsleev, Inc., assignee: *See*—
Clyne, Joseph.
Flickinger, Maynard L., assignor to Goodyear Aircraft Corporation, Akron, Ohio. Purging device for fuel tanks. 2,554,178, May 22.
Flieg, Oskar: *See*—
Pfuetzer, Georg, and Flieg.
Fligg, James A., Elkins Park, Pa. Woven fabric. 2,541,231, Feb. 13.
Flight, Theodore N., Slough, W. H. Wilson, Camberley, and A. J. Chinn, assignors to The Rheostatic Company Limited, Slough, England. Magnetic snap action switch. 2,550,546, Apr. 24.
Flinchbaugh, Clarence E., Richmond, Ind. Dry cereal server. 2,543,452, Feb. 27.
Flinchbaugh, Henry K., York, Pa. Vehicle unloading mechanism. 2,551,368, May 1.
Flink, Sidney O., Marathon, Fla. Boat docking device. 2,558,174, June 26.
Flink, Vernon J.: *See*—
Carlson, Evert W., and Flink.
Flinn, George E., Muncie, Ind., assignor to Borg-Warner Corporation, Chicago, Ill. Transmission. 2,550,055, Apr. 24.
Flinn, George E., Muncie, Ind., assignor to Borg-Warner Corporation, Chicago, Ill. Transmission control system. 2,565,214, Aug. 21.
Flint, Charles R., La Porte, Ind. Piston. 2,544,494, Mar. 6.
Flint, Charles R., La Porte, Ind. Exhaust manifold device. 2,547,454, Apr. 3.
Flint Eaton and Company, assignee: *See*—
Bandelin, Fred J.
Flint, Edward F., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Photoelectric, liquid-level inclinometer. 2,547,310, Apr. 3.
Flint, Erlon W., Mountain View, N. J., and A. E. Joel, Jr., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Automatic accounting device. 2,572,804, Oct. 23.
Flint, George W.: *See*—
Wallace, Joseph S., and Flint.
Flint, Hyland C., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Seat cushion. 2,537,640, Jan. 9.
Flint, Hyland C., Birmingham, assignor to American Metal Products Company, Detroit, Mich. Seat cushion having helper pad and spring-over-spring strip base. 2,565,021, Aug. 21.
Flint, Oliver, Strand, London, England. Cataphoretic deposition of boron. 2,536,734, Jan. 2.
Flint, Thomas, Concord, Mass., and E. Stubbs, Springfield, Vt. Flux barrier system. 2,557,219, June 19.
Flintjer, Walter J., Cheyenne, Wyo. Knife construction for beet toppers. 2,550,144, Apr. 24.
Flippin, Thomas J., Portland, Oreg. Extensible ramp for ships. 2,568,330, Sept. 18.
Flisik, Alvin C., Stony Point, and L. Nicholl, Nyack, N. Y. Recovering crystalline cyanoacetic acid. 2,574,256, Nov. 6.
Floating Laboratories, Inc., assignee: *See*—
Linblade, Ralph H.
Float-Lock Corporation, assignee: *See*—
Persson, Henry.
Floch, Roy E., Anatone, Wash. Poultry feeder. 2,539,536, Jan. 30.
Floerchinger, Esther S., University City, Mo. Brassière. 2,570,932, Oct. 9.
Floerke, Carl A., Whitewater, Wis. Milking machine. 2,543,162, Feb. 27.
Flogaus, Howard A., Wallingford, Pa., assignor to ACF-Brill Motors Company, New York, N. Y. Seat cushion. 2,552,039, May 8.
Flood, James E., assignor to The Plastic Wire & Cable Corporation, Norwich, Conn. Attachment plug. 2,537,819, Jan. 9.
Flood, James E., assignor to The Plastic Wire & Cable Corporation, Norwich, Conn. Attachment plug. 2,537,820, Jan. 9.
Flood, James E., and W. J. Fitzgerald, Norwich, and C. H. Wilmot, Gales Ferry, assignors to The Plastic Wire & Cable Corporation, Jewett City, Conn. Attachment plug. 2,551,934, May 8.
Flood, James E., and W. J. Fitzgerald, Norwich, and C. H. Wilmot, Gales Ferry, assignors to The Plastic Wire & Cable Corporation, Jewett City, Conn. Electrical attachment plug. 2,551,935, May 8.
Flood-Lite Service Inc., assignee: *See*—
Sale, Frank, and Press.
Floor-O-Matic, Inc., assignee: *See*—
Young, Marshall B.
Flora, Herman D., Cutler, Ind. Roll for corn pickers. 2,576,292, Nov. 27.
Flora, Laurence H., and R. A. Hartman, assignors to Tinnerman Products, Inc., Cleveland, Ohio. Sheet metal spring clip. 2,537,662, Jan. 9.
Flora, Rudolph F.: *See*—
Olsen, Ernest R., Flora, and Lonnee.
Floraday, Burton S., Toledo, Ohio, assignor to Detroit Harvester Company, Detroit, Mich. Window regulator mechanism. 2,544,451, Mar. 6.
Floraday, Burton S., Toledo, Ohio, assignor to Detroit Harvester Company, Detroit, Mich. Vehicle window regulator. 2,552,671, May 15.
Florence Ceramics Inc., assignee: *See*—
Kellems, Edgar E.
Florence, Robert T.: *See*—
Chambers, Thomas S., and Florence.
Florence Stove Company, assignee: *See*—
Hillebrand, Earl D., and Fulmer.
Reeves, Herbert M.
Reeves, Herbert M., Hillebrand, and North.
Florer, George E., West Des Moines, Iowa. Golf ball projector. 2,577,186, Dec. 4.

Flores, Manuel G., Mexico City, Mexico. Foundation system for structures. 2,550,987, May 1.
Flores, Manuel G., Mexico City, Mexico. Apparatus for molding concrete floor slabs. 2,578,057, Dec. 11.
Florestano, Herbert J.: *See*—
Faith, Herman E., and Florestano.
Florian, Berkeley J., Plantsville, and R. S. Florian, Southington, Conn. Mechanism for cutting sheet material. 2,578,346, Dec. 11.
Florian, Rodriguez S.: *See*—
Florian, Berkeley J. and R. S.
Florida, State Board of Education of, The, assignee: *See*—
Neal, Wayne M.
Florida, State of, assignee: *See*—
Neal, Wayne M.
Florio, Attilio, Alpine, N. J. Hair retainer. 2,559,417, July 3.
Florio, Patrick A., Woodside, and J. D. Calfee, Manhasset, assignors to Allied Chemical & Dye Corporation, New York, N. Y. Purification of chlorocarbons. 2,577,847, Dec. 11.
Florjancic, Peter, Montreaux, Switzerland, assignor to "Patra" Patent-Administration and Trading Co., Vaduz, Liechtenstein. Warping mill. 2,561,919, July 24.
Florman, Irving, New York, N. Y. Auxiliary voice screen for telephone mouthpieces. 2,540,873, Feb. 6.
Flortex Fiber Corporation, assignee: *See*—
Fortman, Gustave D.
Flory, Paul J.: *See*—
Rehner, John, Jr., and Flory.
Flory, Paul J., Ithaca, N. Y., assignor to Wingfoot Corporation, Akron, Ohio. N-acyl polyimides of polycarboxylic acids. 2,558,675, June 26.
Flory, Paul J., Kent, and N. Rabjohn, assignors to Wingfoot Corporation, Akron, Ohio. Azo esters. 2,554,141, May 22.
Flosdorf, Earl W., Forest Grove, assignor to F. J. Stokes Machine Company, Philadelphia, Pa. Vacuum gauge. 2,542,076, Feb. 20.
Flosdorf, Earl W., Forest Grove, Pa., assignor to Tabor-Olney Corporation, Baltimore, Md. Drying plums and grapes. 2,577,704, Dec. 4.
Flournoy, Fred M., Wilsonville, Ala. Intermittently illuminated fishing lure. 2,550,988, May 1.
Flower, Herschel B., Fairbury, Nebr. Baled haystack dump trailer. 2,552,713, May 15.
Flowers, Henry F., Findlay, Ohio. Wheel mounting for axleless trucks. 2,566,322, Sept. 4.
Flowers, Henry F., Findlay, Ohio. Wheel mounting for axleless trucks. 2,566,881, Sept. 4.
Flowers, Henry F., Findlay, Ohio. Double-webbed rail wheel. 2,574,323, Nov. 6.
Flowers, Henry F., Findlay, Ohio. Rotary car-dumping mechanism. 2,575,869, Nov. 20.
Flowers, Leonard C., Longmeadow, Mass., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Refrigerator embodying stabilized mixtures of oil and aliphatic halides. 2,550,113, Apr. 24.
Flowers, Ralph G.: *See*—
Miller, Harry F., and Flowers.
Flowers, Ralph G., and E. D. Elliott, Jr., Pittsfield, Mass., assignors to General Electric Company. Production of polymers and copolymers of acenaphthylene. 2,563,524, Aug. 7.
Flowers, Stanley A., assignor to Walters Manufacturing Company, Oakmont, Pa. Attachable or detachable top for furniture. 2,542,648, Feb. 20.
Flowers, Stanley A., assignor to Walters Manufacturing Company, Oakmont, Pa. Attachable or detachable top for furniture. 2,542,649, Feb. 20.
Floyd, Don E., Robbinsdale, Minn., assignor to General Mills, Inc. Dialkyl-delta-acylaminobutylmalonate and preparing same. 2,572,020, Oct. 23.
Floyd, Frederick K., and A. E. Custer, assignors to Metron Instrument Company, Denver, Colo. Variable ratio speed changer. 2,571,851, Oct. 16.
Floyd, Ray H., assignor of one-half to J. O. Warner and A. P. Peracca, Los Angeles, Calif. Lifting jack. 2,546,361, Mar. 27.
Flubacker, Charles H., assignor to Cook Electric Company, Chicago, Ill. Fuel selector switch. 2,539,347, Jan. 23.
Fluchaire, Maurice L. A.: *See*—
Collardeau, Georges, and Fluchaire.
Fluchaire, Maurice L. A., and G. Collardeau, Lyon, assignors to Societe des Usines Chimiques Rhone-Poulenc, Paris, France. Production of 2:3-dihydrofurans. 2,556,325, June 12.
Fluchaire, Maurice L. A., and G. Collardeau, Lyon, assignors to Societe des Usines Chimiques Rhone-Poulenc, Paris, France. Allyl esters of 3:6-endoxo-1:2-cyclohexanedicarboxylic acid and polymers thereof. 2,570,029 Oct. 2.
Fluchaire, Maurice L. A., and G. Collardeau, Lyon, assignors to Societe des Usines Chimiques Rhone-Poulenc, Paris, France. Allyl 3:5-hexadienoate and producing it. 2,573,001, Oct. 30.
Fluck, Linton A., Jr., Norwalk, Conn., assignor to American Cyanamid Company, New York, N. Y. Treatment of cellulosic textile materials and products thereof. 2,536,050, Jan. 2.
Fluck, Linton A., Jr., Pluckemin, N. J., J. E. Lynn, Old Greenwich, and E. A. Schuman, Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Treatment of wool-containing textile materials. 2,539,365, Jan. 23.
Fluck, Linton A., Jr., Pluckemin, N. J., J. E. Lynn, Old Greenwich, and E. L. McPhee, Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Treatment of wool-containing textile materials. 2,539,366, Jan. 23.
Flude, John W., Houston, Tex. Detector carrier for seismic explorations. 2,568,851, Sept. 25.
Flugrath, Walter W., New Braunfels, Tex. Pivoted jaw type, internally threaded socket wrench. 2,562,307, July 31.
Fluid Transmissions Research Corporation, assignee: *See*—
Schroepfer, Frederick W.
Flumerfelt, William A., assignor to The Columbus Auto Parts Company, Columbus, Ohio. Making ball-and-socket joints and parts thereof. 2,556,033, June 5.
Flumerfelt, William A., assignor to The Columbus Auto Parts Company, Columbus, Ohio. Universal joint with wide angle of oscillation. 2,576,830, Nov. 27.
Fluor Corporation Ltd., The, assignee: *See*—
Baird, Raymond C.
Blohm, Clyde L., Riesenfeld, and Frazier.
De Flon, James G.
McCartney, Edward R.
Stephens, Foster M., and Bartels.
Fluty, John L., Visalia, Calif. Telescope mount. 2,555,-030, May 29.
Fly Ash Arrestor Corporation, assignee: *See*—
Coward, Richard W.
Flynn, Alfred A., Cleveland Heights, assignor to Mueller Electric Company, Cleveland, Ohio. Electrical connecting clip. 2,549,589, Apr. 17.
Flynn, Charles F., New York, N. Y. Photographic slide viewer. 2,580,164, Dec. 25.
Flynn, Edward J., and C. E. Kilbourne, Schenectady, N. Y., assignors to General Electric Company. Making dynamoelectric machine windings. 2,570,786, Oct. 9.
Flynn, Edward R., Waltham, Mass. Facing device. 2,553,570, May 22.
Flynn, Edwin H.: *See*—
Carter, Herbert E., and Flynn.
Flynn, Frank M., Binghamton, N. Y. Heating method and apparatus. 2,569,809, Oct. 2.
Flynn, Gordon M., Clarksburg, W. Va. Tire building machine. 2,556,264, June 12.
Flynn, James B., assignee: *See*—
Flynn, William A.
Flynn, John B., assignor to General Motors Corporation, Detroit, Mich. Automobile rear deck lid prop. 2,566,182, Aug. 28.
Flynn, Richard J., St. Paul, Minn. Artificial bait. 2,579,377, Dec. 18.
Flynn, Vincent J., Leonia, assignor to Wardlyn Corporation, Ridgefield, N. J. Making catheters. 2,561,569, July 24.
Flynn, William A., Pittsburgh, Pa., assignor of one-half to J. B. Flynn, Chicago, Ill. Connecting rod bearing retainer. 2,562,352, July 31.
Flynt, Augustus M., Sr., Savannah, Ga. Expansion device for flues of asphalt heating stills. 2,572,713, Oct. 23.
Fobes, Ernest E., West Middlesex, and R. P. Rutter, Greenville, Pa. Trailer hitch. 2,570,933, Oct. 9.
Focht, Nevin S., Syracuse, N. Y. Endless track running gear for low suspended vehicles. 2,536,543, Jan. 2.
Fockler, Theodore C.: *See*—
Ludwig, Leon R., Fockler, Formhals, and Walton.
Foderaro, Frank, Lawrence, Mass., assignor to Patchogue-Plymouth Mills Corporation, New York, N. Y. Loading cops. 2,545,919, Mar. 20.
Föderl, Wilhelm, Vienna, Austria. Mixing device for gases. 2,544,149, Mar. 6.
Fodor, Antal, deceased, New York, N. Y.; by J. B. Fodor, administratrix, assignor to American Thermo-Tech Corporation, New York, N. Y. Hair drier. 2,537,821, Jan. 9.
Fodor, Ferenz H., assignor to Filmtone, Inc., Los Angeles, Calif. Control system for sound reproduction and recording apparatus. 2,550,007, Apr. 24.
Fodor, Jeanne B., administratrix: *See*—
Fodor, Antal.
Foerster, Charles V.: *See*—
Cape, Arthur T., and Foerster.
Fog Nozzle Company, assignee: *See*—
Burnam, Thompson W.
Burnam, Thompson W., and Ramsay.
Lee, Floyd J.
Fogde, Carl E.: *See*—
Andersson, Ernst, and Fogde.
Fogel, Ira, New York, N. Y. Visible index filing binder. 2,579,253, Dec. 18.
Fogle, Francis P., assignor to Movie-Mite Corporation, Kansas City, Mo. Reel spindle and clip. 2,537,263, Jan. 9.
Fogle, Frank D., Ottawa, Kans. Rock crusher having contained rock screening and redirection means. 2,555,879, June 5.
Fogle, Merald C.: *See*—
Holland, Robert H., and Stephenson.
Offutt, William C., and Fogle.

Fogler, Benjamin B., Lexington, assignor to Arthur D. Little, Inc., Cambridge, Mass. Spray nozzle. 2,542,761, Feb. 20.
Fogley, Abe A., Scranton, Pa. Trouser cuff. 2,538,304, Jan. 16.
Foglio, James J., New Rochelle, N. Y. Venetian blind. 2,547,260, Apr. 3.
Folberth, William M., Cleveland, Ohio. Respirator. 2,572,254, Oct. 23.
Folckemer, Frank B.: *See*—
Yates, Wallace J., Folckemer, and Simanton.
Folding Books Limited, assignee: *See*—
Townley, Frederick.
Foley, Adrian L., New York, N. Y. Three dimension picture device. 2,565,553, Aug. 28.
Foley, Francis B., assignor to The Midvale Company, Philadelphia, Pa. Metal alloy especially adapted for use at high temperatures. 2,543,841, Mar. 6.
Foley, Harold F., and R. M. Price, Fort Wayne, Ind., assignors to International Harvester Company. Cab mounting for motor vehicles. 2,564,888, Aug. 21.
Foley, John D., Westport, assignor to The H. O. Canfield Co., Bridgeport, Conn. Hold-down guard mechanism for trimming presses. 2,539,902, Jan. 30.
Foley, John W., Chicago, Ill. Disk roller bearing. 2,537,578, Jan. 9.
Foley, John W., Chicago, Ill. Roller bearing. 2,565,070, Aug. 21.
Foley, Patrick F., New York, N. Y. Automatic window lock. 2,556,720, June 12.
Foley, Russell W.: *See*—
Stahmer, George F., and Foley.
Foley, Thomas J., Chicago, and G. W. Emmert, Berwyn, assignors to The Curtiss Candy Company, Chicago, Ill. Article dispenser. 2,562,180, July 31.
Foley, Thomas U., Magnolia, N. J., and G. W. Klingaman, Lynnport, Pa., assignors to Radio Corporation of America. High-frequency variable power output system. 2,540,613, Feb. 6.
Folken, Roy M., Clarkson, Nebr. Posthole digger. 2,543,282, Feb. 27.
Folkenroth, Earl E., and A. G. Avila, York, Pa., assignors to The Standard Stoker Company, Inc. Dough trough hoist. 2,576,831, Nov. 27.
Folker, Herbert P., Oakland, assignor to National Safety Appliance Co., Ltd., San Francisco, Calif. Pneumatic train control valve. 2,566,444, Sept. 4.
Folkers, Karl, Plainfield, and F. W. Holly, Cranford, assignors to Merck & Co., Inc., Rahway, N. J. Substituted amino analogs of pantothenic acid and process. 2,571,852, Oct. 16.
Folkers, Karl, Plainfield, N. J., and J. Shavel, Jr., Evanston, Ill., assignors to Merck & Co., Inc., Rahway, N. J. Alumina chromatographic purification of liver extracts. 2,573,702, Nov. 6.
Folkers, Karl: *See*—
Brink, Norman G., and Folkers.
Harris, Stanton A., and Folkers.
Harris, Stanton A., Mozingo, Arth, and Folkers.
Harris, Stanton A., Wilson, and Folkers.
Hoffman, Dorothea H., Harris, and Folkers.
Koniuszy, Frank R., and Folkers.
Mozingo, Ralph, McPherson, and Folkers.
Rogers, Edward F., Phillips, Shunk, Koniuszy, and Folkers.
Wolf, Donald E., and Folkers.
Folkers, Karl A., and R. L. Peck, Plainfield, assignors to Merck & Co., Inc., Rahway, N. J. Producing antibacterial substance. 2,564,889, Aug. 21.
Folkerth, Harold E., Sr., Dayton, Ohio. Movable worktable for presses. 2,571,556, Oct. 16.
Folkins, Hillis O., Crystal Lake, and E. Miller, Evanston, assignors to The Pure Oil Company, Chicago, Ill. Catalysts and process for the production of carbon disulfide by reaction of hydrocarbons and sulfur vapor. 2.536,680, Jan. 2.
Folkins, Hillis O., and E. L. Miller, Skokie, assignors to The Pure Oil Company, Chicago, Ill. Preparation of carbon disulfide. 2,565,215, Aug. 21.
Folkins, Hillis O., Skokie, C. A. Porter, Crystal Lake, E. Miller, and H. Hennig, Evanston, assignors to The Pure Oil Company, Chicago, Ill. Preparation of carbon disulfide. 2,568,121, Sept. 18.
Folley, Janine, Toronto, Ontario, Canada. Rubber roller for massaging. 2,547,115, Apr. 3.
Follmer, Joseph: *See*—
Follmer, Joseph A. and J.
Follmer, Joseph A. and J., Denver, Colo. Quick-acting bench vise. 2,550,547, Apr. 24.
Folmsbee, Clyde H., Bloomsburg, Pa., assignor to American Car and Foundry Company, New York, N. Y. Support for tank heating devices. 2,538,305, Jan. 16.
Folmsbee, Clyde H., Bloomsburg, Pa., assignor to American Car and Foundry Company, New York, N. Y. Tank cradle mounting. 2,567,015, Sept. 4.
Folse, Julius A.: *See*—
Skinner, Leslie A., and Folse.
Folsom, Noel J., Narrows, Va., assignor to Celanese Corporation of America. Yarn package testing apparatus. 2,536,164, Jan. 2.
Foltis, Anestis, Jackson Heights, N. Y. Door hinge. 2,538,678, Jan. 16.
Foltis, Anestis, Jackson Heights, N. Y. Door hinge. 2,538,679, Jan. 16.
Foltis, Anestis, Jackson Heights, N. Y. Safety razor with integral folded blade. 2,550,056, Apr. 24.
Foltis, Anestis, Jackson Heights, assignor of one-fourth to A. Panzer, New York, N. Y. Safety razor. 2,551,256, May 1.
Foltzer, Henry R., Caracas, Venezuela. Multiple selective switch. 2,575,052, Nov. 13.
Folz, Arthur F., United States Navy. Bearing surface. 2,572,021, Oct. 23.
Folzenlogen, Robert G.: *See*—
Lange, Willy, and Folzenlogen.
Folzenlogen, Robert G., Columbia Township, Hamilton County, Ohio, assignor, by mesne assignments, to The Buckeye Cotton Oil Company, Memphis, Tenn. Miscella refining. 2,563,327, Aug. 7.
Folzenlogen, Robert G., Columbia Township, Hamilton County, assignor to The Procter and Gamble Company, Ivorydale, Ohio. Cottonseed oil refining process. 2,563,328, Aug. 7.
Fonda, Douglass C., Stamford, Conn. Carbide tipped gauge block. 2,537,340, Jan. 9.
Fonda, Gorton R., Schenectady, N. Y., assignor to the United States of America as represented by the Secretary of the Navy. Preparing skiatronic screens. 2,545,200, Mar. 13.
Fonda, Harold H.: *See*—
Schulz, Gustav E., and Fonda.
Fong, Yue S., Hong Kong, China. Bottle cap. 2,571,227, Oct. 16.
Fonken, William A., assignor to Smith Cannery Machines Company, Seattle, Wash. Apparatus for feeding and aligning fish. 2,541,046, Feb. 13.
Fonner, Dale E.: *See*—
Nicholls, Richard S., and Fonner.
Fonseca, Harold M. M. D.: *See*—
McWhirter, E. M. S., Dunn, Warden, Ward, Fonseca, and Collier.
Fontaine, Emile A., Gethsemane, Ky., assignor to Eastman Kodak Company, Rochester, N. Y. Optical aligning device. 2,563,780, Aug. 7.
Fontaine, Robert A., Birmingham, Ala. Shiftable dump body for trucks. 2,552,627, May 15.
Fontana, Celeste M., Pitman, N. J., assignor to Socony-Vacuum Oil Company, Incorporated. Polymerization of monoalkylethylenes. 2,571,354, Oct. 16.
Fontana, Celeste M., and E. Gorin, Dallas, Tex., assignors, by mesne assignments, to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Manufacture of halogenated hydrocarbons. 2,575,167, Nov. 13.
Fontana, Frank J., Long Beach, Calif., assignor, by mesne assignments, to Houdry Process Corporation, Wilmington, Del. Cracking apparatus. 2,562,903, Aug. 7.
Fontecchio, Anthony, assignor of fifty per cent to R. Manci, Iron Mountain, Mich. Indicator support. 2,571,853, Oct. 16.
Fontein, Freerk J., assignor to De Directie van de Staatsmijnen in Limburg, Heerlen, Netherlands. Separation of solid substances of different specific gravity and grain size. 2,550,340, Apr. 24.
Fontein, Freerk J., assignor to De Directie van de Staatsmijnen in Limburg, Heerlen, Netherlands. Controlling the concentrations of suspensions. 2,550,341, Apr. 24.
Fontein, Freerk J., assignor to De Directie van de Staatsmijnen in Limburg, Heerlen, Netherlands. Cyclone. 2,573,192, Oct. 30.
Food Machinery and Chemical Corporation, assignee: *See*—
Aker, Leonard.
Andrews, Richard A.
Berrar, Karl L.
Daugherty, George W.
De Back, William.
Eastin, William C.
Hofmann, Werner R.
Kelly, Walter W.
Krueger, Frank W.
Link, Harold L.
Johnson, Oscar H.
Kelly, Walter W.
Kerr, Charles E.
Kerr, Charles E., and Elsheimer.
Les Veaux, John F.
Lindsay, Wesley N., and Wilbur.
Malin, Ralph D.
Mumma, Harold J.
Plueddeman, Edwin P.
Porter, Glenn M.
Rankin, Dan R., and Wade.
Richards, John R.
Shoemaker, Clyde A.
Slade, Martin A., Jr., and Gerwe.
Stilwell, Glenn E., and Verrinder.
Tarot, Ernest P.
Thompson, Albert R.
Wade, John B.
Wearn, Richard B., and Bordenca.
Wilbur, Paul C.
Food Processes, Incorporated, assignee: *See*—
Smith, Horace L., Jr., and Ball.
Food Research Institute, Inc., assignee: *See*—
Mader, Perry W. and G. I.
Food Research Laboratories, Inc., assignee: *See*—
Winsten, Walter A.

Food Technology, Inc., assignee: *See*—
Glabe, Elmer F.
Foord, Stanley G.: *See*—
Morley, John F., and Foord.
Foord, Stanley G., London, England, assignor, by mesne assignments, to International Standard Electric Corporation, New York, N. Y. Polyethylene bonded to copper by means of a layer of cuprous oxide integral with copper base. 2,551,591, May 8.
Foote Bros. Gear and Machine Corporation, assignee: *See*—
Mackmann, Arthur, and Nelson.
Moir, Robert B., and Stangeland.
Foote, Daniel J.: *See*—
Soref, Harry E., and Foote.
Foote, Delevan M., Muskegon, Mich. Canvas seat. 2,549,679, Apr. 17.
Foote, Edward J., Antelope, Calif. Friction drag for windows. 2,546,735, Mar. 27.
Foote, Harold G.: *See*—
Moreland, William J., and Foote.
Foran, Roderick F., Moncton, New Brunswick, Canada. Scooter skate. 2,559,118, July 3.
Forbes, Charles F., Los Angeles, Calif. Swinging axle with caster wheels. 2,537,521, Jan. 9.
Forbes, Charles J., Terre Haute, Ind. Cutting chain pin and lock. 2,558,213, June 26.
Forbes, David M. L., Kamuela, Hawaii, assignor, by mesne assignments, to Flame Cultivation, Incorporated, New York, N. Y. Method and apparatus for flame chopping and cultivation of growing crops. 2,542,498, Feb. 20.
Forbes, Duncan P., assignor to Gunite Foundries Corporation, Rockford, Ill. Vehicle wheel. 2,564,158, Aug. 14.
Forbes, Edith M. D., Union City, N. J. Combination container and vehicle. 2,563,108, Aug. 7.
Forbes, Gordon D., Sudbury, Mass., assignor, by mesne assignments, to the United States of America as represented by the Secretary of War. Electronic switching circuit. 2,557,644, June 19.
Forbes, Gordon D., Sudbury, and H. Shapiro, Cambridge, Mass., assignors, by mesne assignments, to the United States of America as represented by the Secretary of War. Transmission line. 2,540,720, Feb. 6.
Forbes, Henry L., Jr., and T. H. Crim, Jr., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Process and apparatus for synthesis of melamine. 2,542,762, Feb. 20.
Forbes, Ian S., Chelmsford, and K. W. G. Harrod, Little Baddow, England, assignors, by mesne assignments, to Radio Corporation of America, New York, N. Y. Operating voltage supply arrangement for cathode-ray tube apparatus. 2,536,497, Jan. 2.
Forbes, J. B., assignee: *See*—
Crise, David H.
Forbes, Perley C., Mishawaka, Ind., assignor to United States Rubber Company, New York, N. Y. Resilient spring wire support. 2,540,779 Feb. 6.
Forca, James, Brooklyn, N. Y. Holder for sheets, books, and the like. 2,570,439, Oct. 9.
Force, Stephen L.: *See*—
Hartman, Vernon V., Sybrandt, and Force.
Forcier, Walter S., Bay City, and A. C. Wood, Highland Park, Mich. Self-cutting tap. 2,557,733, June 19.
Ford, Alfred, Chicago, Ill., assignor, by mesne assignments, to Dearborn Motors Corporation, Highland Park, Mich. Loader. 2,551,322, May 1.
Ford, Charles J., assignor to Wingfoot Corporation, Akron, Ohio. Retractable form structure. 2,579,423, Dec. 18.
Ford, Charles J., and R. L. Miller, assignors to Wingfoot Corporation, Akron, Ohio. Safety stanchion. 2,561,016, July 17.
Ford, Eardley H., assignor to The Paterson Foundry & Machine Co., East Liverpool, Ohio. Kneading apparatus. 2,559,418, July 3.
Ford, Edward T., Redkey, Ind. Train order holding device. 2,552,419, May 8.
Ford, Eugene A., Endicott, assignor to International Business Machines Corporation, New York, N. Y. Perforated record analyzing means with removable brush holder. 2,543,906, Mar. 6.
Ford, Frank R., Birmingham, England. Combined feed tray and moistening device for duplicating machines. 2,537,125, Jan. 9.
Ford, Frank R., Birmingham, England. Pressure roller adjusting means for duplicating machines. 2,542,277, Feb. 20.
Ford, Frank R., Sparkbrook, Birmingham, England. Pressure roller bending device for duplicating machines. 2,578,413, Dec. 11.
Ford, Frank R., Limited, assignee: *See*—
Ford, Ronald M., and Crane.
Ford, George E., Brighton, assignor to Qualitrol Corporation, East Rochester, N. Y. Thermometer. 2,558,743, July 3.
Ford, Hannibal C., Great Neck, N. Y., assignor to The Sperry Corporation. Gun sight. 2,569,560, Oct. 2.
Ford, Harold F., assignor to T. I. M. (Ticket-Issue Machines) Limited, Cirencester, England. Ticket printing and issuing machine. 2,579,254, Dec. 18.
Ford, James G., Chicago, Ill. Wrist watch case. 2,562,607, July 31.
Ford, James G., Sharon, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Bonded magnetic core structure. 2,579,560, Dec. 25.
Ford, James G., Sharon, and J. H. Bramble, Sharpsville, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Manufacturing wound core structures. 2,542,806, Feb. 20.
Ford, John L. and W. E., Wabash, Ind., and R. V. Ford, Haddonfield, N. J., assignors to The Ford Meter Box Company, Inc., Wabash, Ind. Multiple, parallel-connected meter mounting. 2,564,428, Aug. 14.
Ford, Karl L., assignor to Ball Brothers Company Incorporated, Munice, Ind. Pressure cooking procedure. 2,555,230, May 29.
Ford, Ledger D., and F. L. Stutz, assignors to Kirsch Company, Sturgis, Mich. Curtain rod. 2,560,942, July 17.
Ford Meter Box Company, Inc., The, assignee: *See*—
Ford, John L., W. E., and R. V.
Ford Motor Company, assignee: *See*—
Brewer, Richard D.
Bricker, Mead L.
Chubbuck, Horace A.
Cromwell, Herbert F.
Ensign, Elbert E.
Ensign, Elbert E., and Van Patten.
Farkas, Eugene J.
Farkas, Eugene J., and Rackle.
Galla, Stephen J.
Gregorie, Eugene T., and Jovanovich.
Haynes, Alex L.
Hibbard, Thomas L., and Galla.
Kramer, Clarence F.
McCann, George K.
McCarroll, Russell H.
Oswald, John.
Pascoe, George, and Doig
Paton, Clyde R.
Pioch, William F., and Pascoe.
Rivard Lawrence B., and Rauh.
Roeder, Dale, and Kramer.
Roeder, Dale, and Weeks.
Ronayne, Michael.
Scott, Edwin D.
Scott, Edwin D., and Herider.
Snyder, George.
Weeks, Roy F., and Farkas.
Wharam, John J., and Felts.
Widman, John C.
Young, Frederick C., and Proctor.
Ford, Richard H.: *See*—
Andrew, William K., Ford, and Just.
Ford, Richard V.: See—
Ford, John L., W. E., and R. V.
Ford, Ronald M., and D. P. Crane, Sparkbrook, Birmingham, England, said Crane assignor to Frank R. Ford Limited, Birmingham, England. Roller adjusting means for rotary duplicating machines. 2,563,403, Aug. 7.
Ford, Roscoe L., Los Angeles, Calif. Multiple sliding drawer display device. 2,545,269, Mar. 13.
Ford, Samuel: *See*—
Warner, Robert B., and Ford.
Ford, Thomas L., Tyler, Tex. Telescopic sight. 2,578,130, Dec. 11.
Ford, Walter D., Port Allegany, assignor to Pittsburgh Corning Corporation, Allegheny County, Pa. Preparation of cellular glass. 2,544,954, Mar. 13.
Ford, Walter D., Port Allegany, assignor to Pittsburgh Corning Corporation, Allegheny County, Pa. Coating thermocouples. 2,571,700, Oct. 16.
Ford Warner Manufacturing Company, assignee: *See*—
Warner, Robert B., and Ford.
Ford, Wilbur E.: *See*—
Ford, John L., W. E., and R. V.
Ford, William E., assignor to Product Miniature Company, Milwaukee, Wis. Tread for crawler models. 2,562,264, July 31.
Fordemwalt, Frederick, Bound Brook, N. J., assignor to American Cyanamid Company, New York, N. Y. Oil-in-water type emulsion for flame-proofing fabrics. 2,536,978, Jan. 2.
Fordham, Stanley, Saltcoats, Scotland, and E. G. Cockbain, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited. Gelatine blasting explosive composition containing water-soluble salts 2,545,270, Mar. 13.
Fordham, Stanley, Saltcoats, Scotland, assignor to Imperial Chemical Industries Limited. Producing nitrocellulose and a blasting explosive containing same. 2,554,179, May 22.
Fordham, Stanley, Saltcoats, Scotland, assignor to Imperial Chemical Industries Limited. Manufacturing gelatin blasting explosive. 2,554,180, May 22.
Fordon, Lee A., assignee: *See*—
Bodkin, Edwin O.
Ullrich, Fred J.
Ullrich, Fred J., and Fordon.
Fore, Edward M., Zolfo Springs, assignor of fifty per cent to J. A. Mancini, Wauchula, Fla. Container feeding mechanism for capping machines. 2,552,950, May 15.
Foresman, Harry B.: *See*—
Macklanburg, Louis A., and Foresman.

Forges et Ateliers de Constructions Electriques de Jeumont: *See*—
Teszner, Stanislas.
Thibaudet, Albert.
Forgett, Valmore J., Ridgefield, N. J. Printer with contrast filters. 2,557,182, June 19.
Forgette, Alexander J., Beverly Hills, M. R. Spence, Alhambra, and N. O. A. Hayman, North Hollywood, Calif. Sliding door framing. 2,564,968, Aug. 21.
Foris, Julius: *See*—
Nordquist, Ronald E. J., and Foris.
Forkey, Lyonal D., Norwell, J. T. Peterson, Melrose, and H. I. Morton, Needham, Mass.; said Morton assignor to said Forkey and said Peterson. Cider mill. 2,567,371, Sept. 11.
Forkey, Willard G., Augusta, Ga. Radial roller bearing. 2,561,105, July 17.
Forkner, John H., Fresno, Calif. Treatment of citrus peel. 2,556,579, June 12.
Forman, Arthur W.: *See*—
Coleman, Geoffrey, and Forman.
Forman Family, Inc., assignee: *See*—
Forman, Sol, and Capone.
Forman, Harry, assignee: *See*—
Traver, Philip C., Sr.
Forman, Louis B., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Power transmission. 2,551,835, May 8.
Forman, Louis B., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Brake holding device and vacuum switch actuated control circuit therefor. 2,574,821, Nov. 13.
Forman, Sol, New York, N. Y., and J. G. Capone, East Orange, N. J., assignors to Forman Family, Inc., Brooklyn, N. Y. Platter. 2,553,908, May 22.
Formato, Anthony F., assignee: *See*—
Stein, Peter W.
Formaz, Conrad G., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Readily adjustable extrusion device. 2,560,022, July 10.
Formfit Company, The, assignee: *See*—
Kunstadter, Sigmund W.
Formhals, William H.: *See*—
Ludwig, Leon R., Fockler, Formhals, and Walton.
Formica Company, The, assignee: *See*—
Sullivan, Henry F.
Formica, Peter E., Bridgeport, Conn. Opener for hair pins. 2,553,246, May 15.
Formsprag Company, assignee: *See*—
Gruenberg, Ivor J., and Davis.
Szady, Leopold T.
Fornary, Harry, Racine, Wis. Toy military tank. 2,551,109, May 1.
Forney, Jim C., Chilton, Tex. Rotary plant chopper and cultivator. 2,546,260, Mar. 27.
Fornkahl, Theodore A.: *See*—
McLain, Ray, and Fornkahl.
Forrer, Homer W., Atlanta, Ga., assignor to Atlanta Paper Company. Bottle carrier. 2,537,452, Jan. 9.
Forrest, John W., Brighton, and R. F. E. Stegeman, Greece, assignors to Bausch & Lomb Optical Company, Rochester, N. Y. Abbé type refractometer. 2,574,734, Nov. 13.
Forrest, Londell C., Berkeley, Calif. Dent remover with flexible shaft and vibrating means. 2,545,878, Mar. 20.
Forrest, Waverly L., Crittenden, Va. Folding leg support for combination commode and high chair. 2,579,040, Dec. 18.
Forrester, Gladys, East St. Louis, Ill. Hair dressing device. 2,571,701, Oct. 16.
Fors, John A., assignor to The New Britain Machine Company, New Britain, Conn. Ratchet mechanism. 2,542,241, Feb. 20.
Forsberg, Clarence P., Brainerd, Minn. Fish lure. 2,578,532, Dec. 11.
Forsberg, George E., Worcester, assignor to Suprenant Electrical Insulation Company, Clinton, Mass. Wire striping machine. 2,537,884, Jan. 9.
Forsberg, George E., Worcester, assignor to Surprenant Electrical Insulation Company, Clinton, Mass. Buoyant tow and communication line. 2,577,077, Dec. 4.
Forsbergh, Peter W., Jr.: *See*—
Coomes, Edward A., and Forsbergh.
Forse, Harry D., Anderson, Ind. Selector conveyer apparatus. 2,539,013, Jan. 23.
Forse, Harry D., Anderson, Ind. Power transmitting apparatus. 2,542,320, Feb. 20.
Forse, Harry D., Anderson, Ind. Garment stretching and pressing device. 2,542,918, Feb. 20.
Forse, Harry D., Anderson, Ind. Two stage fluid pressure cylinder. 2,568,228, Sept. 18.
Forsmark, Harold R., assignor to Stiger Precision Products, Inc., Chicago, Ill. Pilot controlled distributing valve. 2,539,241, Jan. 23.
Forsnas, Raymond C., Los Angeles, Calif. Fluid flow control valve. 2,549,188, Apr. 17.
Forss, Frithiof P., Aurora, assignor to Skilsaw, Inc., Chicago, Ill. Portable power-driven tool. 2,566,183, Aug. 28.
Forss, Frithiof P., Rockford, assignor, by mesne assignments, to Skilsaw, Inc., Chicago, Ill. Rotary pneumatic tool. 2,545,453, Mar. 20.
Forss, Fritz V.: *See*—
Brown, Ellis M., and Forss.
Forss, Fritz V., assignor to John Oster Manufacturing Company, Racine, Wis. Nozzle construction for hair driers. 2,536,925, Jan. 2.
Forss, Fritz V., assignor to John Oster Manufacturing Company, Racine, Wis. Drink mixer support. 2,557,087, June 19.
Forss, Lars E., Mjolby, Sweden. Laterally tippable truck. 2,542,321, Feb. 20.
Forssell, Carl A., Stockholm, Sweden. Method and apparatus for determining the cracking strength of concrete. 2,565,424, Aug. 21.
Forssell, Harry, Herrgarden, Ludvika, assignor to Allmänna Svenska Elektriska Aktiebolaget, Vasteras, Sweden. Reproducing a direct current. 2,573,255, Oct. 30.
Forssell, Harry, Ludvika, assignor to Allmanna Svenska Elektriska Aktiebolaget, Vasteras, Sweden. Exciting synchronous alternating-current machines across rectifiers. 2,569,302, Sept. 25.
Forster, Earl N., Lower Lake, Calif. Rotating automobile wheels. 2,557,867, June 19.
Forster, John O., assignor, by mesne assignments, to Heli-Coil Corporation, Long Island City, N. Y. Wire coiling and sizing machine. 2,541,232, Feb. 13.
Forster, Leslie G., London, England. Endless chain conveyer. 2,570,030, Oct. 2.
Forster, Warren S.: *See*—
Scalera, Mario, and Forster.
Forster, William H.: *See*—
Boothroyd, Wilson P., and Forster.
Forster, William H., assignor to Philco Corporation, Philadelphia, Pa. Band-pass coupling network. 2,540,817, Feb. 6.
Forstner Chain Corporation, assignee: *See*—
Pfeifer, William J.
Schoeninger, Adolf O.
Forsyth, Dabney W., Santa Monica, Calif. Dispensing device for cartons. 2,549,373, Apr. 17.
Forsyth, Louis N., New Iberia, La. Fishhook. 2,539,735, Jan. 30.
Forsyth, Valoris L., Los Angeles, and L. Dillon, San Gabriel, assignors to Lane-Wells Company, Los Angeles, Calif. Bridging plug setting tool. 2,566,323, Sept. 4.
Fort, William H., Dayton, assignor of one-half to H. L. Bishop and E. E. Stansell, doing business as Bishop-Stansell Company, West Carrollton, Ohio. Packing cylinder slide sheet. 2,569,467, Oct. 2.
Fort Dodge Laboratories, Inc., assignee: *See*—
Cunkelman, John W., and Whiting.
Forte, John F.: *See*—
Williams, John R., and Forte.
Fortenberry, William W., assignee: *See*—
Meek, Samuel W.
Fortescue, Peter, assignor to The Bristol Aeroplane Company Limited, Bristol, England. Automatic control for gas turbines. 2,542,499, Feb. 20.
Fortess, Fred: *See*—
Seymour, George W., Fortess, and Duke.
Fortess, Fred, and B. B. White, Summit, N. J., assignors to Celanese Corporation of America, New York, N. Y. Fusion of vanillin. 2,547,920, Apr. 10.
Fortess, Fred, Summit, A. J. Rosenthal, Madison, and B. B. White, Summit, N. J., assignors to Celanese Corporation of America, New York, N. Y. Concentration of organic acids. 2,572,128, Oct. 23.
Fort Howard Paper Company, assignee: *See*—
Agamaite, Edward, Jr.
Cofrin, Austin E., and Hope.
Fortier, André L. A., Clamart, France, assignor to Etavex S. A. Pneumatic size gauging device. 2,571,557, Oct. 16.
Fortier, André L. A., Grenoble, France, assignor to Etavex S. A. Pneumatic size gauging device. 2,564,527, Aug. 14.
Fortier, Ernest, Three Rivers, Quebec, Canada. Money wrapping device. 2,549,590, Apr. 17.
Fortier, Marie C. V., Brookline, Mass. Removable insole assembly for footwear. 2,559,014, July 3.
Fortin, Charles A., assignor to P. Pouliot, Cote des Neiges, Montreal, Quebec, Canada. Lighter construction. 2,559,497, July 3.
Fortin, Charles A., assignor to Institution Catholique des Sourds-Muets pour la Province de Quebec, Montreal, Quebec, Canada. Perfume atomizer nozzle. 2,563,231, Aug. 7.
Fortin, Charles A., assignor to P. Pouliot, Cote des Neiges, Montreal, Quebec, Canada. Lighter. 2,576,453, Nov. 27.
Fortman, Gustave D., assignor to Flortex Fiber Corporation, Tampa, Fla. Production of fibers. 2,561,617, July 24.
Fortner, James C. A., Greenville, Ala. Bottle carrier. 2,559,150, July 3.
Fortney, David F., and G. L. Moran, Towanda, Pa., assignors to Sylvania Electric Products Inc., Salem, Mass. Making a calcium halophosphate phosphor. 2,544,663, Mar. 13.
Fortune, William B.: *See*—
Rhodehamel, Harley W., Jr., and Fortune.
Fort Wayne Corrugated Paper Company, assignee: *See*—
Props, George P.
Fort Wayne Dairy Equipment Company, assignee: *See*—
Zanitis, Vit.

Fort Wayne Tool, Die and Engineering Company, assignee: *See*—
Nill, Richard G., and Patterson.
Forwald, Haakon, Valhalla, Ludvika, assignor to Allmanna Svenska Elektriska Aktiebolaget, Vasteras, Sweden. Fluid pressure operated circuit breaker. 2,536,270, Jan. 2.
Forwald, Haakon, Valhalla, Ludvika, assignor to Allmanna Svenska Elektriska Aktiebolaget, Vasteras, Sweden. Arrangement in electrical air blast circuit breakers. 2,542,650, Feb. 20.
Forwald, Haakon, Valhalla, Ludvika, assignor to Allmanna Svenska Elektriska Aktiebolaget, Vasteras, Sweden. Compressed air circuit breaker with a plurality of series connected breaking gaps. 2,561,191, July 17.
Forwald, Haakon, Valhalla, Ludvika, assignor to Allmanna Svenska Elektriska Aktiebolaget, Vasteras, Sweden. Valve for compressed air circuit breakers. 2,561,192, July 17.
Forwald, Haakon, Valhalla, Ludvika, assignor to Allmanna Svenska, Elektriska Aktiebolaget, Vasteras, Sweden. Arrangement in high-tension disconnecting switches. 2,562,027, July 24.
Forwald, Haakon, Valhalla, Ludvika, assignor to Allmänna Svenska Elektriska Aktiebolaget, Vasteras, Sweden. Arrangement in rapid reclosing compressed air circuit breakers. 2,573,256, Oct. 30.
Forwald, Haakon, Valhalla, Ludvika, assignor to Allmänna Svenska Elektriska Aktiebolaget, Vasteras, Sweden. Compressed air circuit breaker. 2,575,949, Nov. 20.
Forward, Carnice E., Milwaukee, Wis. Hair cutting guide. 2,556,805, June 12.
Forward, Frank A., Vancouver, British Columbia, assignor to Sherritt Gordon Mines Limited, Toronto, Ontario, Canada. Extracting of nickel values from nickeliferous sulfide material. 2,576,314, Nov. 27.
Forward, Worthy J. F.: *See*—
Trosch, Alfred, and Forward.
Fosberg, Henry C., assignor to The Watson Manufacturing Company, Inc., Jamestown, N. Y. Follower for filing drawers. 2,560,428, July 10.
Foshee, Frank T., Fort Worth, Tex. Overcurrent protective system for motor circuits. 2,559,913, July 10.
Fosnot, Louis P.: *See*—
Mitchell, Walter G., and Fosnot.
Foss, Curtis D., Bell, Calif. Journal box cover seal. 2,540,662, Feb. 6.
Foss, Ferdinand H. H., assignor, by mesne assignments, to Kerns Industrial Corporation, Chicago, Ill. Slip cushion coupling. 2,560,427, July 10.
Foss, Ferdinand H. H. Chicago, Ill., assignor to United States Steel Company. Take-up reel. 2,562,028, July 24.
Foss, Fred F., Twin Falls, Idaho. Picking belt and hook attachment. 2,539,242, Jan. 23.
Foss, Freeman C., Twin Falls, Idaho. File sharpener. 2,552,164, May 8.
Foss, Freeman C., Twin Falls, Idaho. Hydraulic screw jack. 2,568,437, Sept. 18.
Foss, Freeman C., Twin Falls, Idaho. Caliper for high precision measurements. 2,571,558, Oct. 16.
Fossa, Joseph, Hamilton, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Apparatus for dispensing thermoplastic adhesive. 2,544,661, Mar. 13.
Foster, Allan D., Detroit, Mich. Conveyer and switch means for checkout counters. 2,569,711, Oct. 2.
Foster, Annie: *See*—
Foster, Arthur H., and A.
Foster, Arnot P., and J. L. Countryman, Cincinnati, Ohio, assignors to The Vitroseal Corp., Covington, Ky. Color coded terminal plate. 2,546,854, Mar. 27.
Foster, Arthur, Birmingham, assignor to S. Bradford and Sons Limited, Hockley, Birmingham, England. Apparatus for greasing baking tins and like utensils. 2,553,408, May 15.
Foster, Arthur H., and A. Foster, Winnipeg, Manitoba, Canada. Vacuum cap lifter and bottle opener. 2,572,607, Oct. 23.
Foster, Augustus L., assignor of one-quarter to O. M. Foster, Kansas City, Mo. Dry cotton picker finger. 2,574,822, Nov. 13.
Foster, Boutwell H., Maplewood, N. J., assignor to United States Rubber Company, New York, N. Y. Elastic yarn. 2,539,300, Jan. 23.
Foster, Boutwell H., Maplewood, N. J., assignor to United States Rubber Company, New York, N. Y. Woven glass fabric and making same. 2,539,301, Jan. 23.
Foster, Boutwell H., Maplewood, N. J., assignor to United States Rubber Company, New York, N. Y. Making all-textile elastic fabrics. 2,574,029, Nov. 6.
Foster, Boutwell H., Maplewood, N. J., assignor to United States Rubber Company, New York, N. Y. Producing chenille-like yarn. 2,575,753, Nov. 20.
Foster, Charles E., Los Angeles, Calif. Appliance for removing and installing overhead electric lamps. 2,573,002, Oct. 30.
Foster, Charles T., Overland, Mo. Toilet deodorizer. 2,570,934, Oct. 9.
Foster, Clair C., Seattle, Wash., assignor to Boeing Airplane Company. Perspective drafting machine. 2,565,724, Aug. 28.
Foster, Clyde C., Decatur, Ill. Room deodorizer. 2,572,329, Oct. 23.
Foster, Donald D., Concord, Mass., assignor to the United States of America as represented by the Secretary of War. Direction finding apparatus. 2,563,998, Aug. 14.
Foster, Edson P., Manitowoc, Wis. Knitting needle. 2,541,580, Feb. 13.
Foster, Edwin E., Austin, Tex. Handkerchief ironing machine. 2,544,662, Mar. 13.
Foster, Edwin E., Austin, Tex. Wringer. 2,548,882, Apr. 17.
Foster, Edwin E., Austin, Tex. Window or screen lock. 2,555,329, June 5.
Foster, Edwin E., assignor to Majik-Ironers, Inc., Austin, Tex. Floating sadiron mechanism. 2,555,639, June 5.
Foster, Edwin E., Austin, Tex. Sash balance. 2,567,931, Sept. 18.
Foster, Elton G.: *See*—
Daniels, Farrington, Hendrickson, and Foster.
Foster, Everette M., assignor to Stewart-Warner Corporation, Chicago, Ill. Lubricant compressor. 2,540,939, Feb. 6.
Foster, Everette M., assignor to Stewart-Warner Corporation, Chicago, Ill. Hose reel. 2,563,714, Aug. 7.
Foster and Foster, assignee: *See*—
Foster, Warren D., and Wilson.
Foster, Frank A., Melrose Park, assignor to The Goss Printing Press Company, Chicago, Ill. Second fold roller. 2,536,165, Jan. 2.
Foster, Frederick J.: *See*—
Provost, Raoul L., and Foster.
Foster, Frederick J., assignor to United States Rubber Company, New York, N. Y. Soluble fusible unsaturated halogen-containing resins made by polymerization of mixture of di-2-alkenyl maleate, di-2-alkenyl fumarate and bromomethane compound typified by bromotrichloromethane. 2,547,696, Apr. 3.
Foster, Giraud V., assignee: *See*—
Ingalls, Edgar J.
Foster, Grant, Co., Inc., assignee: *See*—
Derby, Elmer R.
Foster, Harry G., Mullens, W. Va. Wheel grinder. 2,575,212, Nov. 13.
Foster, Harry R., Montville, and E. E. Crump, West Caldwell, assignors to Ohmega Laboratories, Pine Brook, N. J. Variable condenser. 2,567,280, Sept. 11.
Foster, Henry E., Mitcham, and F. W. H. Lacey, Worcester Park, England, assignors to Lever Brothers Company, Cambridge, Mass. Record sheet holder. 2,567,279, Sept. 11.
Foster, Jack F.: *See*—
Roscoe, Merrill W., and Foster.
Foster, James L.: *See*—
Klingens, Cornelis, and Foster.
Foster, John, assignor to B. & S. Massey Limited, Openshaw, Manchester, England. Forging press. 2,577,882, Dec. 11.
Foster, John C., Jr.: *See*—
Foster, John C., Sr., Biggs, and Foster.
Foster, John C., Sr., J. H. Biggs, and J. C. Foster, Jr., Odessa, Tex. Piston type fluid brake. 2,569,712, Oct. 2.
Foster, John R., assignor to T. M. M. (Research) Limited, Helmshore, Rossendale, England. Twisting of textile and other yarns, threads and filaments. 2,571,854, Oct. 16.
Foster, Lee, Berwyn, Ill. Cutter for solid carbon dioxide. 2,577,745, Dec. 11.
Foster, Lester S., Raymond, Ill. Weed spraying device. 2,548,209, Apr. 10.
Foster, Levin W., and B. H. Goldy, Pittsfield, Mass., assignors to General Electric Company. Manufacturing process for miniature high-voltage capacitors. 2,565,301, Aug. 21.
Foster, Newton C.: *See*—
Hill, Charles F., and Foster.
Foster, Newton C., Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Resinous copolymers of caster oil-unsaturated dicarboxylic acid reaction products and polymerizable vinyl compounds. 2,550,114, Apr. 24.
Foster, Norman M.: *See*—
Howle, Ernest O., Jackson, and Foster.
Foster, Norman M., assignor to Western Products, Incorporated, New Castle, Ind. Valve actuator. 2,561,618, July 24.
Foster, Oda M., assignee: *See*—
Foster, Augustus L.
Foster, Raymond F., Stratford, Conn., assignor to General Electric Company. Generator of accurately timed pulses. 2,545,349, Mar. 13.
Foster, Raymond F., Stratford, Conn., assignor to General Electric Company. Focus coil arrangement. 2,546,028, Mar. 20.
Foster, Raymond F., Stratford, Conn., assignor to General Electric Company. Switching transient noise suppression system for combination radio and television receivers. 2,549,444, Apr. 17.
Foster, Raymond F., Syracuse, N. Y., assignor to General Electric Company. Image size control device for cathode-ray tubes. 2,563,525, Aug. 7.

Foster, Raymond H., Hasbrouck Heights, and C. H. Havill, South Orange, assignors to Bendix Aviation Corporation, Teterboro, N. J. Engine starter. 2,563,999, Aug. 14.
Foster, Robert B., Los Angeles, Calif., assignor to J. B. Smiley, Washington, D. C. Remote control for radio receivers. 2,574,097, Nov. 6.
Foster, Stanley K., assignor to Spuds, Inc., Cincinnati, Ohio. Apparatus for continuously producing French fried foods. 2,538,937, Jan. 23.
Foster, Theodore: *See*—
Bickel, Clifford A., Brandenburg, and Foster.
Foster, Thomas F., Jr., Asheboro, N. C. Garment support for automotive vehicles. 2,565,958, Aug. 28.
Foster Transformer Company, The, assignee: *See*—
Green, Lawrence O.
Foster, Warren D., Eustis, Fla., and O. W. Wilson, Yonkers, N. Y., assignors to Foster and Foster, Ridgewood, N. J. Film containing magazine and film handling apparatus. 2,560,564, July 17.
Foster, Wheeler, Corporation, assignee: *See*—
Dean, Dion K.
De Lorenzo, Bartholomeo.
Frisch, Martin.
La Croix, Henry H.
Foster, Wilbur A., Rowley, Mass. Edge binding and counter construction for moccasins. 2,548,961, Apr. 17.
Fotsch, Arthur H.: *See*—
Andrew, William K., and Fotsch.
Fouassin, Marcel, Liege, Belgium. Three-channel fine-coarse control system. 2,560,337, July 10.
Foulds, Andrew K., Grosse Pointe, assignor to Detroit Lubricator Company, Detroit, Mich. Fuel feeding control means responsive to air blower pressure. 2,561,106, July 17.
Foulds, John P., Revere, Mass., assignor to General Electric Company. Liquid irradiating apparatus. 2,578,414, Dec. 11.
Foulks, Harry B., New York, N. Y. Tire deflation switch. 2,546,183, Mar. 27.
Foundry Equipment Limited, assignee: *See*—
Beech, Austin S.
Lindberg, Caryl A.
Fountain, Eugene B.: *See*—
Ross, William E., and Fountain.
Fountain, Eugene B., and W. H. Sharp, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Stabilization of 3,4-dihydro-1,2-pyran-2-carboxaldehyde. 2,537,579, Jan. 9.
Fountain, Lawrence L.: *See*—
West, Charles P., and Fountain.
Fouquet, Eugene, Bois-Colombes, France. Grinding machine. 2,545,730, Mar. 20.
Fouquet, Robert, Paris, France. Apparatus for production of volatilizable metals. 2,550,684, May 1.
Fouquet, Robert, Paris, France. Production of liquid magnesium. 2,558,744, July 3.
Fouquet, Robert, Paris, France. Continuous production of volatilizable metals. 2,559,419, July 3.
Fourmanoit, Jean C., Brussels, Belgium. Manufacture of steel. 2,558,613, June 26.
Fourmanoit, Jean C., Brussels, Belgium. Treatment of metals. 2,577,883, Dec. 11.
Fourmanoit, Jean C., Brussels, Belgium. Sealing device for the doors of coke ovens. 2,579,917, Dec. 25.
Fourneau, Ernest, assignor to Societe des Usines Chimiques Rhone-Poulenc, Paris, France. Quaternary ammonium salts of di- and tri-(dialkylaminoalkoxy)-benzenes. 2,544,076, Mar. 6.
Fournet, Sidney C., New Orleans, La. Making dies for manufacturing posterior teeth. 2,539,773, Jan. 30.
Fourrier, Francis L., and J. Opryshek, Jr., Baytown, Tex., assignors, by mesne assignments, to Standard Oil Development Company, Elizabeth, N. J. Removing oil from filter cakes. 2,544,307, Mar. 6.
Four Wheel Drive Auto Company, The, assignee: *See*—
Thomas, William A.
Fousek, Frank D., Washington, D. C. Photogram printer with a point light source and arcuate reflector. 2,575,621, Nov. 20.
Foust, Orville N., Melrose, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Shoe and making the same. 2,559,609, July 10.
Fouts, William C., Fairmont, W. Va. Window sill and ledge structure. 2,570,336, Oct. 9.
Fowle, Harvey C., Cleveland, Ohio. Safety carrier for fire extinguishers. 2,549,680, Apr. 17.
Fowler, Arno W., assignor to C. J. Hug Co., Inc., Highland, Ill. Movement to dial attachment for clocks. 2,570,539, Oct. 9.
Fowler, Arthur E., and A. Dressler, Jr., Elmira, N. Y. Walk-in-bath tub. 2,570,053, Oct. 2.
Fowler, Clarence B., Philadelphia, Pa. Roll paper holder. 2,540,436, Feb. 6.
Fowler, Everett E., New York, N. Y. Compressor. 2,553,247, May 15.
Fowler, Frank C.: *See*—
Waddill, Paul M., and Fowler.
Fowler, Fred T., assignor of one-half to E. Wiles, Portland, Oreg. Signal light ray director. 2,540,389, Feb. 6.
Fowler, Harwood B., Wayne, Pa. Making metal screen stencils. 2,569,752, Oct. 2.
Fowler, Henry F., deceased, and E. E. Bishoff, Louisville, Ky.; M. S. Fowler, administratrix of H. F. Fowler. Automatic rain-water control for cisterns. 2,547,381, Apr. 3.
Fowler, Mary S., administratrix: *See*—
Fowler, Henry F., and Bishoff.
Fowler, Paul L., Portland, Oreg. Concentric gas and air burner for water heaters. 2,564,358, Aug. 14.
Fowler, Preston L., Jr., Durham, N. C. Urinal specimen bag. 2,548,149, Apr. 10.
Fowler, Ralph R.: *See*—
Herrick, Roswell H., Fowler, and Dimmer.
Fowler, Robert M.: *See*—
Culbertson, James B., Erasmus, and Fowler.
Fowler, Roscoe, Los Angeles, Calif. Overhead door hinge. 2,566,022, Aug. 28.
Fowler, Warren D., Red Bank, N. J. Orthopedic apparatus. 2,546,436, Mar. 27.
Fowler, William F., Jr., and W. O. Kenyon, assignors to Eastman Kodak Company, Rochester, N. Y. Deesterified polymers which become insoluble in water when the aqueous solutions are evaporated from their hydrosols. 2,566,184, Aug. 28.
Fowlie, Henry D., Royal Oak, Mich. Collet. 2,573,325, Oct. 30.
Fox, Alexander P., University City, and A. D. Reisert, assignors to Lincoln Engineering Company, St. Louis, Mo. Lubricant dispensing cabinet with elevators for plurality of pumps and vertically sliding front panel. 2,539,615, Jan. 30.
Fox, Arthur B.: *See*—
Zobel, Carl F., and Fox.
Fox, Arthur B., assignor to Eastman Kodak Company, Rochester, N. Y. Blade and cover blind shutter for cameras. 2,537,885, Jan. 9.
Fox, Arthur G., Eatontown, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Rotatable attenuator without phase shift. 2,542,185, Feb. 20.
Fox, Arthur L., Easton, Pa., assignor to General Aniline & Film Corporation, New York, N. Y. Nonfoaming soap composition. 2,543,744, Mar. 6.
Fox, Benjamin, New York, N. Y. Electronic display system. 2,542,021, Feb. 20.
Fox, Byron R., Kansas City, Mo. Gynecologic instrument in the nature of a diaphragm inserter. 2,548,962, Apr. 17.
Fox, Charles A.: *See*—
Crump, Lindell L., and Fox.
Fox, Charles A., Oakland Village, assignor to James R. Kearney Corporation, St. Louis, Mo. Electrical surge arrester. 2,551,592, May 8.
Fox, Clifton C., and D. E. Willits, Columbus, Nebr. Fishing rod. 2,538,306, Jan. 16.
Fox, Earl C., and R. C. Strohacker, Coshocton, Ohio. Sectional door. 2,573,962, Nov. 6.
Fox, Eldon, Winchester, Ky. Display device. 2,563,329, Aug. 7.
Fox, George D., Pontiac, Mich. Tire bead loosening hand lever. 2,565,216, Aug. 21.
Fox, Gerald B., and D. B. Dickhart, assignors to The Hobart Manufacturing Company, Troy, Ohio. Strainer for food handling apparatus. 2,573,836, Nov. 6.
Fox, Gordon, Chicago, Ill., assignor, by mesne assignments, to Koppers Company, Inc. Skip hoist motor control. 2,567,427, Sept. 11.
Fox, Harold C., Dallas, Tex. Supporting device. 2,567,063, Sept. 4.
Fox, Herman H., Passaic, and W. Wenner, Montclair, assignors to Hoffmann-La Roche Inc., Nutley, N. J. N-(p-arsenoso-benzyl)-urea. 2,553,515, May 15.
Fox, Howard F.: *See*—
Jocsak, John, and Fox.
Fox, Joseph, Milwaukee, Wis. Automatic record-changing phonograph mechanism. 2,557,645, June 19.
Fox, Joseph C., Seattle, Wash. Self-inflating decoy. 2,564,890, Aug. 21.
Fox, Lawrence H. E., Inglewood, Calif., assignor to North American Aviation, Inc. Forming bearings. 2,577,187, Dec. 4.
Fox, Le Roy G., Glendale, Calif., assignor to E & J Manufacturing Company. Resuscitator control means. 2,536,435, Jan. 2.
Fox, Le Roy G., assignor to E & J Manufacturing Co., Glendale, Calif. Detachable aspirator. 2,575,513, Nov. 20.
Fox, Lorenzo L., Little Falls, assignor of one-half to J. T. McDermott, Albany, N. Y. Automatic stirring device for cooking pans. 2,573,837, Nov. 6.
Fox, Louine M., New York, N. Y. Powder puff. 2,571,855, Oct. 16.
Fox, Louis, Brooklyn, N. Y. Posture seating device. 2,557,269, June 19.
Fox, Martin, Chicago, Ill., assignor to The Seng Company. Desk elevator. 2,545,949, Mar. 20.
Fox, Martin, Chicago, Ill., assignor to The Seng Company. Swivel chair iron. 2,545,950, Mar. 20.
Fox, Martin, Chicago, Ill., assignor to The Seng Company. Slide mechanism for end extension tables. 2,553,819, May 22.
Fox, Martin, Chicago, Ill., assignor to The Seng Company. Convertible double bed. 2,557,734, June 19.
Fox, Martin, Chicago, Ill., assignor to The Seng Company. Metal fixture for typewriter desks. 2,557,735, June 19.

Fox, Martin, Chicago, Ill., assignor to The Seng Company. Adjusting member for chair irons. 2,557,736, June 19.
Fox, Martin, assignor to The Seng Company, Chicago, Ill. Metal fixture for typewriter desks. 2,561,505, July 24.
Fox, Martin, Chicago, Ill., assignor to The Seng Company. Locking device for platform rockers. 2,580,165, Dec. 25.
Fox, Mary C., and C. C. Howes, assignors to The Davison Chemical Corporation, Baltimore, Md. Container. 2,555,031, May 29.
Fox, Nelson, Metedeconk, N. J., assignor to the United States of America as represented by the Secretary of the Army. Duplex switch with sum and difference frequency receivers. 2,567,197, Sept. 11.
Fox, Norman, Jennings Lodge, Oreg. Catamenial diaper. 2,551,663, May 8.
Fox Products Company, assignee: *See*—
Pruitt, Virgil H., and Medlar.
Fox, Ralph K., Cleveland, Ohio. Venetian blind. 2,562,781, July 31.
Fox, Raymond S., West Hartford, and F. J. Larson, East Hartford, assignors to Niles-Bement-Pond Company, West Hartford, Conn. Screw thread gauge. 2,556,580, June 12.
Fox, Richard J.: *See*—
Borst, Lyle B., and Fox.
Fox, Richard W.: *See*—
Stough, Gerald D., and Fox.
Fox, Robert G., Trenton, N. J. Safety ash receiver. 2,558,551, June 26.
Fox, Roy C., and F. S. Beale, Baltimore, Md., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Electronic transfer unit. 2,542,807, Feb. 20.
Fox, Samuel, and Company Limited, assignee: *See*—
Ashton, George W.
Fox, Samuel S., West Hartford, assignor to United Aircraft Corporation, East Hartford, Conn. Fuel and water system. 2,548,150, Apr. 10.
Fox, Thomas J., Brooklyn, N. Y. Spectacle frame hinge. 2,567,879, Sept. 11.
Fox, Vernie A., assignor, by mesne assignments, to Young Brothers Company, Detroit, Mich. Sheet material conveying and supporting means. 2,576,218, Nov. 27.
Fox West Coast Theatres Corporation, assignee: *See*—
McCullough, Russell H.
Fox, Wilfred R., Flint, Mich. Tire valve. 2,549,075, Apr. 17.
Foxboro Company, The, assignee: *See*—
Bowditch, Hoel L.
Cook, Lyman.
Perkins, Ross N.
Foye, John J., Jr.: *See*—
Poole, Foy M., and Foye.
Foyst, Cash M., Detroit, Mich. Automatic resetting target. 2,561,733, July 24.
Fr. Sauter A. G. Fabrik elektr. Apparate, assignee: *See*—
Spahn, Emil.
Frabill Manufacturing Company, assignee: *See*—
Miller, Walter C
Fracchione, Paul P., Lakewood, Ohio. Nonclogging atomizer. 2,538,416, Jan. 16.
Fracheboud, Marcel, Saint-Cergue, Switzerland. Fire lighter. 2,578,998, Dec. 18.
Fraga, Frank M., Fresno, Calif. Pickup implement. 2,575,622, Nov. 20.
Fragen, Nathan: *See*—
Brooks, John A., Kruase, Tom, and Fragen.
Fragola, Caesar F., East Hempstead, N. Y., assignor to The Sperry Corporation. Gyromagnetic compass. 2,574,471, Nov. 13.
Frailing, Le Roy H.: *See*—
Weiss, Erwin A., and Frailing.
Frailing, Le Roy H., assignor to Packard Motor Car Company, Detroit, Mich. Transmission mechanism. 2,577,413, Dec. 4.
Fraizy, Jean, Le Peage de Roussillon, and L. Rony, Roanne, France, assignors, by mesne assignments, to Societe Rhodiaceta. Preparation of cellulosic esters. 2,536,634, Jan. 2.
Fraley, Early P., Doraville, Ga. Cartridge dispenser. 2,573,003, Oct. 30.
Fram Corporation, assignee: *See*—
Chase, Charles B.
Gunn, Earl G.
James, William S.
Kennedy, Walter V.
Plante, Raymond A.
Rohland, Curt J.
Stootman, John H.
Zimmerman, Robert M., and Kennedy.
Frame, Hector D., Belle, W. Va. Indicator flag for funeral cars. 2,546,855, Mar. 27.
Framhein, Herbert J., Chicago, Ill., assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Lift truck. 2,538,680, Jan. 16.
Framhein, Herbert J., Chicago, Ill. Pallet truck. 2,550,548, Apr. 24.
Framke, Arthur M., Chicago, Ill. Garment hanger. 2,545,657, Mar. 20.
Frampton, William L., Lincoln, Nebr. Irrigation machine. 2,574,634, Nov. 13.
France, Antoine, deceased, Liege, Belgium, by A. Detienne, executor, assignor to Rheo-France Compagnie Internationale des Rheolaveurs A. France, Societe Anonyme, Liege, Belgium. Apparatus for the washing in bulk of particles of coal and ores by alluviation in washing chutes. 2,560,429, July 10.
France, Harold, and N. H. Haddock, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited. Dyestuffs. 2,576,293, Nov. 27.
France, Lloyd V., Platteville, Wis. Propolis culture. 2,566,829, Sept. 4.
Francesco, John P., Haverhill, Mass. Snap fastener. 2,549,793, Apr. 24.
Francesco, John P., Haverhill, Mass. Keel line indicating device. 2,557,088, June 19.
Francesco, John P., Haverhill, Mass., now by judicial change of name John Patsy Francis. Locking rivet. 2,572,022, Oct. 23.
Franchok, Steve, and S. Chakan, Morris, Pa. Double jaw animal trap. 2,562,308, July 31.
Francis, Albert E.: *See*—
Molins, Desmond W., Ruau, and Francis.
Francis, Carleton S., Jr.: *See*—
Little, John W., and Francis
Francis, Carleton S., Jr., West Harwich, Mass., assignor to American Viscose Corporation, Wilmington, Del. Coated sheet material and making the same. 2,537,126, Jan. 9.
Francis, Carleton S., Jr., West Harwich, Mass., assignor to American Viscose Corporation, Wilmington, Del. Composite fibrous products and making them. 2,543,101, Feb. 27.
Francis, Carleton S., Jr., West Harwich, Mass., assignor, by mesne assignments, to American Viscose Corporation, Wilmington, Del. Transfer and coating therewith. 2,556,078, June 5.
Francis, Carleton S., Jr., West Harwich, Mass. Film structure and producing the same. 2,565,491, Aug. 28.
Francis, Charles B., Pittsburgh, Pa., assignor to United States Steel Company. Removing scale from ferrous articles. 2,569,158, Sept. 25.
Francis, Charles B., Pittsburgh, and R. B. Porter, Johnstown, Pa. Casting metal continuously. 2,565,959, Aug. 28.
Francis, Edith G., executrix, assignee: *See*—
Francis, Jack D.
Francis, Henry W., Fitzwilliam, N. H., assignor to Francis Metal Products, Inc., Philadelphia, Pa. Garment hanger for automobiles. 2,550,796, May 1.
Francis, Jack D., deceased, Bellflower, Calif.; E. G. Francis, executrix of said J. D. Francis, assignor, by mesne assignments, to E. G. Francis, Bellflower, Calif. Humidifying and mineral salting device. 2,542,500, Feb. 20.
Francis, John Patsy: *See*—
Francesco, John P.
Francis, Joseph D., assignor to Dow Corning Corporation, Midland, Mich. Silcarbane polymers and their preparation. 2,573,426, Oct. 30.
Francis Metal Products, Inc., assignee: *See*—
Francis, Henry W.
Francis, Oliver T., Renville, Minn. Vacuum tube impulse pattern producer. 2,572,849, Oct. 30.
Francis, Oliver T., Renville, Minn. Pulse technique circuit. 2,572,850, Oct. 30.
Francis, Victor J., Aylesbury, and E. H. Nelson, Harrow Weald, England, assignors to General Electric Company. High-pressure mercury vapor lamp. 2,538,561, Jan. 16.
Franck, Albert R.: *See*—
Martin, Mervin E., Andrews, and Franck.
Franck, Clarence C., Swarthmore, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Valve stem seal. 2,543,102, Feb. 27.
Franck, George E., Riverside, assignor to The Imperial Brass Manufacturing Company, Chicago, Ill. Disk cutter with bevelled and concave surfaces. 2,557,737, June 19.
Franck, Kurt, Newark, Ohio, assignor to Holophane Company, Inc., New York, N. Y. Street lighting luminaire. 2,566,126, Aug. 28.
Francki, Denny J., Chicago, Ill. Liquid level responsive fluid motor system. 2,557,345, June 19.
Franco, Salvatore A., Medford Station (Patchogue), assignor to Diamond Straw & Machine Corporation, New York, N. Y. Straw packaging machine. 2,563,404, Aug. 7.
Francois, Pierre, assignor to Société de Robinetterie S. A. J., Paris, France. Hydroejector for deep wells. 2,567,638, Sept. 11.
Frangialli, Filippo, Paris, France. Capsule for producing an alcoholic beverage. 2,537,453, Jan. 9.
Franing, Russell L., Milan, Ill., assignor to International Harvester Company. Delivery hopper for portable storage bins. 2,555,537, June 5.
Frank, Alexander, Palo Alto, Calif. Fluid drive. 2,578,055, Dec. 11.
Frank, Bernard E.: *See*—
Armstrong, John W., and Frank.
Hahn, Rea I., and Frank.
Frank, Bernard E., and J. W. Armstrong, Rochester, N. Y., assignors to General Motors Corporation, Detroit, Mich. Machine for cutting tubing. 2,540,166, Feb. 6.

Frank, Clarence E., Fraser, assignor to General Motors Corporation, Detroit, Mich. Hydraulic-mechanical servo brake. 2,557,820, June 19.
Frank, Ernest, Hempstead, N. Y., and D. S. Pensyl, deceased, late of Garden City, N. Y., by M. P. Pensyl, executrix, assignors to The Sperry Corporation. Receiver gain control for automatically compensating for variations in transmitter output energy. 2,536,051, Jan. 2.
Frank, George H.: *See*—
Brown, Raymond W., and Frank.
Frank, Georges, Brussels, Belgium. Production of cellulose sulfuric acid esters. 2,559,914, July 10.
Frank, Harry E., and M. A. Hanson, Bloomington, assignors to Dearborn Chemical Company, Chicago, Ill. Composition for and method of determining chromate concentrations. 2,569,663, Oct. 2.
Frank, Henry, Brooklyn, N. Y. Venetian blind. 2,565,217, Aug. 21.
Frank, John C., Naperville, Ill. Hot-air heating unit. 2,573,004, Oct. 30.
Frank, Joseph J., Union, and H. K. Rea, Elizabeth, N. J. Pressing machine pad cover. 2,561,850, July 24.
Frank, Louis, Fellows, Calif. Calendar chronometer. 2,537,886, Jan. 9.
Frank, Louis, Fellows, Calif. Screw and nut driving tool. 2,543,283, Feb. 27.
Frank, Louis, Fellows, Calif. Rivet feeding tool. 2,571,436, Oct. 16.
Frank, Paul A., Akron, Ohio. Tire curing apparatus and method. 2,559,119, July 3.
Frank, Rudolph, Erie, Pa. Motor control system. 2,553,409, May 15.
Frank, Samuel, Houston, Tex. Dispensing machine. 2,575,803, Nov. 20.
Frank, Stanley L., Beaver, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Control switch. 2,549,794, Apr. 24.
Frank, Stanley L., Beaver, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Liquid tight indication light. 2,560,099, July 10.
Frank, Stanley L., Oakland, Calif. Squeegee operating and control mechanism. 2,547,817, Apr. 3.
Frank, Wilhelm, Detroit, Mich. Multiple slicing device. 2,552,312, May 8.
Frank, William A., Hackensack, N. J., assignor to National Water Main Cleaning Co., New York, N. Y. Apparatus for cleaning pipes. 2,579,813, Dec. 25.
Frankel, Charles H., and I. M. Sondak, Brooklyn, N. Y., assignors to Frason Company, Inc. Venetian blind. 2,555,737, June 5.
Frankel, Edward M., Grand View, N. Y. Hydrolysis of esters. 2,558,515, June 26.
Frankel, Leo, Chicago, Ill., assignor, by mesne assignments, to City National Bank and Trust Company of Chicago, as trustee. Projection film viewer. 2,576,586, Nov. 27.
Frankel, Samuel H., assignor to Cory Corporation, Chicago, Ill. Beverage brewer. 2,552,420, May 8.
Franken, Josef, Trelleborg, Sweden. Closure means for artificial rectal openings. 2,564,399, Aug. 14.
Frankenberg Bros., Inc., assignee: *See*—
Klein, Clarence F.
Frankenburg, Walter G., Millersville, Pa., assignor to Hydrocarbon Research, Inc., New York, N. Y. Catalytic reduction of carbon oxide by hydrogen. 2,539,414, Jan. 30.
Frankenstein, Curt, Lima-San Isidro, Peru. Speed control device for centrifuges. 2,548,299, Apr. 10.
Frankford, Clarence, assignee: *See*—
Diamond, Emanuel.
Frankle, Ben J. and I. Cohen, New York, N. Y. Bell and making same. 2,568,190, Sept. 18.
Franklin, Alfred L., Pearl River, assignor to American Cyanamid Company, New York, N. Y. Rodenticide comprising 4-aminopteroyl-glutamic acid. 2,575,168, Nov. 13.
Franklin, Albert R., assignor of one-half to J. R. Franklin, San Antonio, Tex. Water heater for gas ranges. 2,556,911, June 12.
Franklin, Albert W., New York, N. Y. Socket contact. 2,550,237, Apr. 24.
Franklin Appliance Company, assignee: *See*—
Misic, Stephen.
Franklin, Constance W., Belmont, assignor to Cambridge Thermionic Corporation, Cambridge, Mass. Manufacturing piezoelectric crystals free of conflicting modes of vibration. 2,574,257, Nov. 6.
Franklin Equipment Company, assignee: *See*—
Skelley, Arthur E.
Franklin, Eugene T., Sr., and W. Ellison, Detroit, Mich. Movable ladder step. 2,557,270, June 19.
Franklin, Frances R., Portland, Oreg. Folding high chair. 2,564,622, Aug. 14.
Franklin, Hubert F., Baldwin, N. Y., assignor to Republic Aviation Corporation. Gun trunnion. 2,564,568, Aug. 14.
Franklin, John J., Glenside, Pa., assignor to American Viscose Corporation, Wilmington, Del. Strand-collecting system and tension device therefor. 2,556,265, June 12.
Franklin, John S., West Lynn, Mass., assignor to General Electric Company. Liquid cooled lamp mount having one lamp terminal insulated from the cooling medium. 2,578,415, Dec. 11.
Franklin, Johnnie R., assignee: *See*—
Franklin, Albert R.
Franklin, Lawrence W., Hasbrouck Heights, N. J. Radio modulation system. 2,539,243, Jan. 23.
Franklin, Leslie U., Port Arthur, Tex., assignor to Gulf Oil Corporation, Pittsburgh, Pa. Purification and recovery of acidic materials. 2,562,608, July 31.
Franklin, Loomis N., Madisonville, Ky. Disk brake construction. 2,548,008, Apr. 10.
Franklin, Paul E., Amarillo, Tex. Deformable firearm bore wiper. 2,544,150, Mar. 6.
Franklin, Peter J., assignee: *See*—
Howard, Joseph O.
Franklin, Philip J., Los Angeles, Calif., assignor to the United States of America as represented by the Secretary of the Army. Electrical insulating and potting composition. 2,537,983, Jan. 16.
Franklin, Ralph E., Patchogue, N. Y., and W. A. Miller, Altadena, Calif., assignors to Radio Corporation of America. Temperature compensated piezoelectric crystal holder. 2,542,651, Feb. 20.
Franklin Railway Supply Company, assignee: *See*—
Delano, Raymond P., Jr., and Gregson.
Franklin, Ray W., Chicago, Ill. Dishwasher tub and spray nozzle construction. 2,563,109, Aug. 7.
Franklin Research Company, assignee: *See*—
Hussey, James F., and Johnson.
Franklin, Rupert: *See*—
Gordon, Cecil O., Tash, Franklin, and Haffner.
Franklin, Ward: *See*—
Angus, Harold F., and Franklin.
Franklin, William B., San Fernando, assignor to Joseph J. White, Los Angeles, Calif. Soldering flux. 2,575,413, Nov. 20.
Franko, Paul, Devon, Conn. Shears. 2,563,461, Aug. 7.
Frankowski, Walter E., Huntington Park, Calif. Combination calipers. 2,549,963, Apr. 17.
Franks, Jerome S., Cicero, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Electrical coil. 2,548,210, Apr. 10.
Franks Manufacturing Corporation, assignee: *See*—
Ortloff, John E., and Woody.
Woody, Wayland B., and Corry.
Franks, Robert, assignee: *See*—
Ostrander, Lowell.
Frankwich, Alexander C., Baltimore, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Hopper feed. 2,579,486. Dec. 25.
Frankwich, Alexander C., Baltimore, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Method of and apparatus for feeding and applying insulating disks to conductors. 2,579,487, Dec. 25.
Frans, Joseph, and J. Volk, New York, and H. J. Weth, Brightwaters, N. Y. Bore sighting target. 2,553,571, May 22.
Fransen, David, assignee: *See*—
Sturgeon, Halbert C.
Fransen, Jacobus: *See*—
Ledeboer, Johan M., and Fransen.
Fransen, Jacobus, Eindhoven, Netherlands, assignor to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Device for the medical treatment of persons with high-frequency energy and electrode for such a device. 2,536,271, Jan. 2.
Fransen, Lillian W., assignee: *See*—
Sturgeon, Halbert C.
Franta, Edward J., Cicero, Ill. Mop cleaning attachment. 2,560,856, July 17.
Frantz, Clarence G., Cleveland Heights, assignor to The Apex Electrical Manufacturing Company, Cleveland, Ohio. Cover for washing machines and the like. 2,551,257, May 1.
Frantz, Ezra A., Weatherford, Tex. Clothespin. 2,579,660, Dec. 25.
Frantz, Frederick H., Binghamton, assignor to General Aniline & Film Corporation, New York, N. Y. Light printing means. 2,550,640, Apr. 24.
Frantz, Paul E., North Hollywood, assignor to W. W. Jones, Orange, Calif. Fire extinguisher unit. 2,548,358, Apr. 10.
Frantz, Russell K.: *See*—
Rueggeberg, Walter H. C., Frantz, and Ginsburg.
Frantz, Virgil L., Roanoke, Va. Sander nozzle assembly. 2,577,009, Dec. 4.
Frantz, Walter J., Princeton, N. J., assignor to Radio Corporation of America. Sound reproducing system. 2,548,211, Apr. 10.
Frantz, Walter J., Seahurst, Wash., assignor to the United States of America as represented by the Secretary of the United States Air Force. Random digit generator. 2,539,014, Jan. 23.
Franz, Anselm, Wood City, Dayton, Ohio. Air-cooled turbine blade. 2,568,726, Sept. 25.
Franz, Arvel O., assignor to Chemical Development Co., Cartersville, Ga. Vulcanizing "Butyl" rubber. 2,550,342, Apr. 24.
Franz, Arvel O., assignor to Chemical Development Co., Cartersville, Ga. Vulcanizing "chloroprene" rubber. 2,554,181, May 22.
Franz, Arvel O., assignor to Chemical Development Co., Cartersville, Ga. Vulcanizing "GR–S" rubber. 2,554,182, May 22.

Franz, Arvel O., and L. E. Walkup, Alton, assignors to Olin Industries, Inc., East Alton, Ill. Luminescent target. 2,568,279, Sept. 18.
Franz, Erwin E., Cranford, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Staking apparatus with movable work holder. 2,564,782, Aug. 21.
Franz, Erwin E., Cranford, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Honeycomb structure. 2,577,120, Dec. 4.
Franz, Frederick, West Haven, Conn., assignor to Dictaphone Corporation, New York, N. Y. Stylus construction. 2,544,495, Mar. 6.
Franz, Othmar C.: *See*—
Conrad, John S., and Franz.
Franzel, Irwin H.: *See*—
Arditi, Maurice, Franzel, and Feinstein.
Feinstein, Joseph, and Franzel.
Franzen, Paul R.: *See*—
Claybourn, Leslie W. and C. C., and Franzen.
Franzheim, George W., Dunkirk, N. Y. Adjustable outlet burner head for gas or oil burners. 2,574,635, Nov. 13.
Franzos, Wilhelm, assignee: *See*—
Gourevitch, Jacques.
Fraraccio, Pasco, Providence, R. I. Centrifugal cleaning and drying machine. 2,574,098, Nov. 6.
Fraser, Andrew: *See*—
Anderson, John, and Fraser.
Fraser, Douglas, & Sons Limited, assignee: *See*—
Fraser, Hugh.
Fraser, Edward S.: *See*—
Moyer, Frederick D., and Fraser.
Fraser, Ernest E., Litchfield, Ill. Automatic safety switch for motor vehicles. 2,539,736, Jan. 30.
Fraser, Eugene, Brooklyn, N. Y. Fluid tight fitting for cables. 2,564,302, Aug. 14.
Fraser, Frank H., assignor of one-half to R. C. Haugh, Wellsville, Ohio. Combined lighter and watch. 2,577,679, Dec. 4.
Fraser, George L., Springfield, Mass., assignor to Monsanto Chemical Company, St. Louis, Mo. Vinyl chloride resins plasticized with alkyl esters of sulfonyl dipropionic acid. 2,536,498, Jan. 2.
Fraser, George L., Springfield, Mass., assignor to Monsanto Chemical Company, St. Louis, Mo. Composition comprising a vinyl chloride resin and 3,5-dimethyl Δ4 : 5 - cyclohexene 1,2 - di - 2 - ethylhexyl dicarboxylate. 2,575,011, Nov. 13.
Fraser, George L., Springfield, and H. F. Park, East Longmeadow, Mass., assignors to Monsanto Chemical Company, St. Louis, Mo. Transparent casting from styrene-polyester copolymer. 2,577,414, Dec. 4.
Fraser, George L., Springfield, Mass., assignor to Monsanto Chemical Company, St. Louis, Mo. Vinyl resins plasticized with trimethylol propane trioctanoate. 2,578,688, Dec. 18.
Fraser, Glenn W., Chicago, Ill. Galley and attachment. 2,551,323, May 1.
Fraser, Hugh, assignor to Douglas Fraser & Sons Limited, Arbroath, Angus, Scotland. Sliver roll former. 2,553,038, May 15.
Fraser, Kenneth G., assignee: *See*—
Stillwagon, George B., Jr.
Fraser, Malcolm W., trustee, assignee: *See*—
Parsons, John B.
Fraser Products Company, assignee: *See*—
Johnson, James H.
Frason Company, Inc., assignee: *See*—
Frankel, Charles H., and Sondak.
Fraterelli, A. A., assignee: *See*—
Cozzolino, Rinaldo, and Bustos.
Frauen, Clause, Ainsworth, Nebr. Foot brake pedal holder. 2,553,448, May 15.
Fraundorfer, Edward, assignee: *See*—
Barth, Frank J.
Frayne, Clifford G., Washington, N. J., assignor to C. K. Williams & Co., East St. Louis, Ill. Chromic oxide production particularly for pigment purposes. 2,560,338, July 10.
Fraysur, Edward, Winchester, Ky. Doll. 2,565,603, Aug. 28.
Frazee, Irving, Detroit, Mich. Turning angle indicator. 2,562,142, July 24.
Frazier, George E., Sand Springs, Okla. Gripping and holding tool for small articles. 2,563,677, Aug. 7.
Frazier, Henry D.: *See*—
Blohm, Clyde L., Riesenfeld, and Frazier.
Frazier, Howard J., Detroit, Mich. Ladder. 2,556,998, June 12.
Frazier, John W.: *See*—
Heintz, Ralph M., Frazier, and Koch.
Frazier, Larry C., assignor to National-Standard Company, Niles, Mich. Tire building machine. 2,565,071, Aug. 21.
Frazier, Larry C., assignor to National-Standard Company, Niles, Mich. Making tires. 2,567,064, Sept. 4.
Frazier, Larry C., assignor to National-Standard Company, Niles, Mich. Stranding machine spool cradle. 2,567,329, Sept. 11.
Frazier, Larry C., Niles, Mich, and F. J. Shook, Akron, Ohio, assignors to National-Standard Company, Niles, Mich. Applicator for tire building or other machines. 2,567,150, Sept. 4.
Frazier, Marion R., Belleville, N. J. Variable-speed transmission. 2,546,856, Mar. 27.
Frazier Tandem Systems, Incorporated, assignee: *See*—
Frazier, Van L.
Frazier, Van L., assignor to Frazier Tandem Systems, Incorporated, Springfield, Mo. Tandem spring suspension unit. 2,577,322, Dec. 4.
Frearson, Thomas B., and E. A. Goodall, Spondon, near Derby, England, assignors to Celanese Corporation of America. Prestretching cellulose derivative yarns to increase tenacity. 2,554,564, May 29.
Freas, Raymond L.: *See*—
Kohr, George L., and Freas.
Freas, Robert R., Jr.: *See*—
Eugley, Jenness P., and Freas.
Lawrence, Howard C., Jr., and Freas.
Freas, Robert R., Jr., Jermyn, Pa., assignor to Radio Corporation of America. Coincidence indicator for electronic counters. 2,574,145, Nov. 6.
Freberg, Rudolph C.: *See*—
Pottberg, Fred H., and Freberg.
Frechin, René E. A. J., Darnac, France. Extracting gelatin and glue. 2,575,551, Nov. 20.
Fredd, John V., assignor to Otis Pressure Control, Inc., Dallas, Tex. Tubing calipering device. 2,578,236, Dec. 11.
Fredenburgh, Harold D.: *See*—
Laxo, Ed, and Fredenburgh.
Fredendall, Gordon L., Feasterville, Pa., assignor to Radio Corporation of America. Color television receiver. 2,558,351, June 26.
Fredendall, Gordon L., Feasterville, Pa. assignor to Radio Corporation of America. Modulation distortion correction. 2,566,698, Sept. 4.
Fredenhagen, Walter S., and M. S. Schmidt, Naperville, Ill. Automatic sandwich grill. 2,565,174, Aug. 21.
Frederick, Arden H., I. A. Greenwood, Jr., and C. J. Swartwout, Boston, Mass., assignors, by mesne assignments, to the United States of America as represented by the Secretary of War. Radio receiver control apparatus. 2,562,309, July 31.
Frederick, Carl, Detroit, Mich. Concealed drawer for tables. 2,565,845, Aug. 28.
Frederick, Carlton, and F. Heflin, Cleveland, Ohio. Thermal scraper. 2,536,844, Jan. 2.
Frederick, George H., Ware Shoals, S. C. Batterproof cock coop. 2,565,765, Aug. 28.
Frederick Iron & Steel, Inc., assignee: *See*—
Patrick, Isaac.
Frederick, Julian R., Ann Arbor, Mich., and F. A. Firestone, Washington, D. C., assignors to Sperry Products, Inc., Hoboken, N. J. Supersonic inspection for flaws lying near the surface of a part. 2,565,725, Aug. 28.
Fredericks, William M., Spokane, Wash. Pyrotechnic match and producing same. 2,538,360, Jan. 16.
Fredericks, William M., Spokane, Wash. Colored flame candle and making the same. 2,551,574, May 8.
Fredericksen, James P., Braintree, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Sole rounding and channeling machine. 2,540,197, Feb. 6.
Frederickson, Clarence P.: *See*—
Bissell, Dana F., and Frederickson.
Frederiksen, Svend E., Charlottenlund, assignor to Novo Terapeutisk Laboratorium A/S, Copenhagen, Denmark. Hot aqueous extraction of enzymes from insulin-free pancreas. 2,571,126, Oct. 16.
Frederiksen, Svend E., Charlottenlund, assignor to Novo Terapeutisk Laboratorium A/S, Copenhagen, Denmark. Recovering proteolytic enzymes from mammalian pancreas glands with urea. 2,573,099, Oct. 30.
Fredholm, Henry M., Midlothian, Ill. Pivoted link jar cap wrench with resilient shoes. 2,575,950, Nov. 20.
Fredlund, Ernst F. G.: *See*—
Thunberg, Sigurd F., Alm, and Fredlund.
Fredrick, Arden H.: *See*—
Paine, George R., Fredrick, and Gaertner.
Fredrickson, Bert E., Green Bay, Wis. Archery sight. 2,542,501, Feb. 20.
Fredrickson, Bert E., Green Bay, Wis. Archer's sight. 2,545,454, Mar. 20.
Fredrickson, E. H., assignor to I-T-E Circuit Breaker Company, Philadelphia, Pa. Power system control. 2,575,053, Nov. 13.
Fredsell, Eric J. *See*—
Morner, Hans G., and Fredsell.
Free, Albert L.: *See*—
Boothroyd, Wilson P., and Free.
Free, Albert L., and D. B. Hoffman, assignors, by mesne assignments, to Philco Corporation, Philadelphia, Pa. Radar receiver sensitivity control system. 2,573,762, Nov. 6.
Free Sewing Machine Co., assignee: *See*—
Ivandick, Matthew G.
Freeborn, James E., Broxbourne, England. Adjustable screen frame for use in silk screen printing. 2,565,218, Aug. 21.
Freed, Carole W., assignee: *See*—
Lilly, Elizabeth S.
Freedlander, Abraham L., Dayton, Ohio, assignor to The Dayton Rubber Company. Spinning cot. 2,570,935, Oct. 9.
Freedman, Hyman, assignee: *See*—
Bierbach, Frank E., and Barton.

Freedman, Hyman, New York, N. Y. Dental instrument. 2,537,454, Jan. 9.
Freedman, Hyman, New York, N. Y. Artificial dentures. 2,555,403, June 5.
Freedman, Hyman, New York, N. Y. Sterilizing apparatus. 2,556,495, June 12.
Freedman, Hyman, New York, N. Y. Dental appliance. 2,571,856, Oct. 16.
Freedman, Lawrence I.: *See*—
Bromberg, Eleazer, and Freedman.
Freedman, Melvin S., Chicago, Ill., assignor to the United States of America as represented by the United States Atomic Energy Commission. Radiation counter. 2,551,531, May 1.
Freedman, William B., Hollis, and J. Gettler, Jr., Roslyn Heights, N. Y., assignors to Phillips Publishers, Inc., Newton, Mass. Pop-up book construction. 2,544,783, Mar. 13.
Freedman, William J., assignor to Hollywood Rogue Sportswear Corp., Los Angeles, Calif. Collar board. 2,551,879, May 8.
Freeman, Antony P., San Francisco, Calif. Self-releasing bracket. 2,550,008, Apr. 24.
Freeman, Ben F., Schuyler, Nebr. Feed chopper. 2,548,664, Apr. 10.
Freeman, Dewey J., assignor of eighty-five per cent to L. Babin, and fifteen per cent to D. Melancon, Houma, La. Rigid type sheet material awning. 2,542,919, Feb. 20.
Freeman, Garland L., Nickerson, Nebr. Disk type mower. 2,552,951, May 15.
Freeman, George M., Waukesha, Wis. Flight hour indicator. 2,567,512, Sept. 11.
Freeman, George S. P., assignor to Cinema-Television Limited, London, England. Storage electrode type cathode-ray tube. 2,558,647, June 26.
Freeman, Gertrude N., assignee: *See*—
Byram, Harry A.
Freeman, H., & Son, Inc., assignee: *See*—
D'Alesio, Emilio.
Freeman, Harry, Providence, R. I. Bookbinding. 2,579,488, Dec. 25.
Freeman, Herbert G., Montreal, Quebec, Canada. Vertical water heater. 2,554,101, May 22.
Freeman, Howard G., Worcester, Mass., assignor to Rockwood Sprinkler Company. Liquid mixing apparatus. 2,577,457 Dec. 4.
Freeman, Howard G., Worcester, Mass., assignor to Rockwood Sprinkler Company. Apparatus for proportioning liquids. 2,580,011, Dec. 25.
Freeman, Kenneth B.: *See*—
Huber, Alfred A., and Freeman.
Freeman, Louis G., Company, The, assignee: *See*—
Ducklo, Robert L.
Freeman, Lowell C., Kalamazoo, Mich., assignor to Borg-Warner Corporation, Chicago, Ill. Folding work surface with plural section cover. 2,547,382, Apr. 3.
Freeman, Michael W., Detroit, Mich. Lubricating oil composition. 2,562,904, Aug. 7.
Freeman, Michael W., Detroit, Mich. Lubricant containing a reaction product of water-soluble sulfonic acids and phosphorus sulfide. 2,578,689, Dec. 18.
Freeman, Nadine T., and R. E. Boyden, Los Angeles, assignors to Clary Multiplier Corporation, San Gabriel, Calif. Collapsible office machine frame. 2,540,297, Feb. 6.
Freeman, Robert W., Purchase, assignor of one-half to L. S. Saulsbury, New York, N. Y. Combined hose connector and clamp. 2,560,565, July 17.
Freeman, Roland J., Baldwin, N. Y. Resiliently pivoted back rest. 2,547,455, Apr. 3.
Freeman, Roland J., Baldwin, N. Y. Cushioning assembly unit for back rests. 2,579,918, Dec. 25.
Freeman, Stanley K.: *See*—
Ringk, William F., and Freeman.
Freeman, Stephen E., Pittsburgh, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Treatment of glyceride oils. 2,573,896, Nov. 6.
Freeman, Stephen E., Pittsburgh, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Use of naphtha reflux. 2,573,898, Nov. 6.
Freeman, Stephen E., Pittsburgh, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Solvent fractionation of glyceride oils. 2,573,899, Nov. 6.
Freeman, Stephen E., Pittsburgh, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Treatment of glyceride oils. 2,573,900, Nov. 6.
Freeman, Stephen E., Pittsburgh, Pa., and S. W. Glover, Milwaukee, Wis., assignors to Pittsburgh Plate Glass Company, Allegheny County, Pa. Solvent fractionation of refined glyceride oils. 2,539,661, Jan. 30.
Freeman, Stephen E., Pittsburgh, Pa., and S. W. Glover, Milwaukee, Wis., assignors to Pittsburgh Plate Glass Company, Allegheny County, Pa. Solvent extraction of vitamin A from fish liver oil. 2,573,897, Nov. 6.
Freeman, Sylvester E., and W. G. Stewart, Akron, Ohio. Hand-protecting mitten. 2,571,228, Oct. 16.
Freeman, William H., Belmar, N. J. Ultra high frequency vacuum tube oscillator device. 2,568,727, Sept. 25.
Freeman, William P., Jr.: *See*—
Mitchell, Orville, and Freeman.
Freemon, Joseph A., H. Weatherford, Jr., and R. F. Wilson, Memphis, Tenn., assignors to Sealy, Incorporated, Chicago, Ill. Support assembly for seat beds. 2,576,677, Nov. 27.
Freeport Sulphur Company, assignee: *See*—
Noble, James H., Pottberg, and Tainton.
Freer, Clyde P., assignor to Halsey W. Taylor Co., Warren, Ohio. Liquid coating apparatus. 2,577,574, Dec. 4.
Freer, Robert R., Cleveland Heights, Ohio. Flexible loop jar cap wrench. 2,547,748, Apr. 3.
Freer, William A.: *See*—
Smith, Thomas C., Hart, and Freer.
Freeth, Charles J., deceased, Pittsburgh, Pa., M. Freeth, executrix of said C. J. Freeth, assignor to M. Freeth. Awning. 2,568,679, Sept. 18.
Freeth, Margaret, executrix, assignee: *See*—
Freeth, Charles J.
Freeze, Jonathan R., Middletown, Ohio, assignor to Armco Steel Corporation. Backing shoe holder for spiral pipe machines. Re. 23,316, Jan. 2.
Freeze King Corporation, assignee: *See*—
Maranz, Leo S.
Freezerver Products, Inc., assignee: *See*—
Hawkes, Chester A.
Freez-Seal Equipment Company Limited, assignee: *See*—
Young, Thomas N.
Fregan, Edward J., San Dimas, Calif. Soap dish. 2,564,476, Aug. 14.
Frei, Albert, Zurich, Switzerland. Device for dividing coins into groups and for packing such groups. 2,566,935, Sept. 4.
Frei, Jakob R., Sidney, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Pump. 2,558,837, July 3.
Frei, Jakob R., and W. A. Uline, Sidney, assignors to Bendix Aviation Corporation, New York, N. Y. Electrical connector having resilient inserts. 2,563,712, Aug. 7.
Frei, Jakob R., and W. A. Uline, Sidney, assignors to Bendix Aviation Corporation, New York, N. Y. Electrical connector having resilient inserts. 2,563,713, Aug. 7.
Frei, Jakob R. and C. W. Root, Sidney, assignors to Bendix Aviation Corporation, New York, N. Y. Electrical apparaus. 2,576,394, Nov. 27.
Freiberg, Leo, Oakland, Calif., assignor to Friden Calculating Machine Co., Inc. Radio interference eliminator. 2,570,440, Oct. 9.
Freiheit, John M., assignee: *See*—
McGuinness, Joseph J.
Freis, Fredrick M., Chicago, assignor, by mesne assignments, to Conlon-Moore Corporation, Cicero, Ill. Portable domestic ironing machine with friction drive. 2,578,928, Dec. 18.
Freitas, Douglas F., San Francisco, Calif. Device for cleaning bowling balls. 2,572,464, Oct. 23.
Freitas, Manual S., assignee: *See*—
Mathieu, Harry J.
Frelox Shingle Corporation, The, assignee: *See*—
Mabie, Ralph R., Sr. and R. R., Jr.
Fremlin, John H., assignor to Standard Telephones and Cables Limited, London, England. Electron discharge device of the velocity modulation type. 2,557,959, June 26.
Fremont Kraut Company, The, assignee: *See*—
Irons, Ross C.
French, Aaron R., Atlantic City, assignor of one-third to J. Budnick, and one-third to M. Budnick, Pleasantville, N. J. Coating or plastic composition. 2,537,264, Jan. 9.
French, Alfred W., Jr., assignor to The French Oil Mill Machinery Company, Piqua, Ohio. Cooker. 2,577,010, Dec. 4.
French, Charles A., assignor to Industrial Heat Engineering Company, Greenville, S. C. Drying apparatus. 2,553,516, May 15.
French, Frederic A.: *See*—
Pierotti, Gino J., French, and Souders.
French, George F. and R., and S. Warburton, Manchester, England; said Warburton assignor to said G. F. and R. French. Disintegrating link or articulated cartridge belt for machine guns and the like. 2,562,709, July 31.
French, George W., Chicago, Ill. Hearing aid support. 2,545,731, Mar. 20.
French, George W., Chicago, Ill. Hearing aid support. 2,573,132, Oct. 30.
French, Glenn L., Aspen, Colo. Releasable ski binding. 2,545,574, Mar. 20.
French, Gordon W., assignor to Beasley, French & Company Limited, Bedminster, England. Process and apparatus for making bags from nonfibrous sheet material. 2,569,630, Oct. 2.
French, Helen M.: *See*—
French, Newton L., and H. M.
French, Hobert W., Jr., Howell, Mich., assignor to Argus Cameras, Inc. Flash lamp ejector socket. 2,565,492, Aug. 28.
French, James W., J. M. Strang, and C. D. Macgill, assignors to Barr & Stroud, Limited, Glasgow, Scotland. Antivibration supporting arrangement for optical instruments of the telescope type. 2,565,807, Aug. 28.
French, James W., J. M. Strang, and C. D. Macgill, assignors to Barr & Stroud, Limited, Glasgow, Scotland. Vibration damping mounting for optical observation instruments. 2,572,919, Oct. 30.

French, James W., assignor to Barr & Stroud, Limited, Glasgow, Scotland. Aligning and mounting binocular telescopes. 2,573,560, Oct. 30.
French, Joseph J., Cincinnati, Ohio. Stabilizing jack for truck docks. 2,565,072, Aug. 21.
French, Louis O., Milwaukee, Wis. Fuel injector. 2,552,776, May 15.
French, Louis O., Milwaukee, Wis. Fuel injector. 2,552,777, May 15.
French, Louis O., Milwaukee, Wis. Fuel injector. 2,552,778, May 15.
French, Melvin H., Brookfield, assignor, by mesne assignments, to Central Commercial Industries, Inc., Chicago, Ill. Electric switch. 2,548,103, Apr. 10.
French, Newton L. and H. M., Bisbee, Ariz. Detachable plate or dish retainer. 2,550,989, May 1.
French Oil Mill Machinery Company, The, assignee: *See*—
French, Alfred W., Jr.
Stacy, Thomas F.
French, Oliver S., Detroit, Mich., assignor to Thompson Products, Inc., Cleveland, Ohio. Joint assembly. 2,539,186, Jan. 23.
French, Reginald D., Chicago, Ill. Combined receptacle and advertising display. 2,543,008, Feb. 27.
French, Reginald F., Ilford, and H. R. Sadler, London, England. Ophthalmic mounting. 2,579,378, Dec. 18.
French, Roger, assignee: *See*—
French, George F. and R., and Warburton.
French, Walter P., assignor to Oil Center Tool Company, Houston, Tex. Combined tubing head and blowout preventer. 2,578,056, Dec. 11.
Frenkel, Benjamin, administrator: *See*—
Frenkel, Gennady.
Frenkel, Elizabeth, administrator: *See*—
Frenkel, Gennady.
Frenkel, Gennady, deceased, Surbiton, by B. Frenkel, London, and E. Frenkel, Surbiton, England, administrators. Apparatus for manufacture of films and foils. 2,559,420, July 3.
Frenkel, Meyer, London, England. Angular contact bearing and taper roller bearing. 2,553,536, May 22.
Frentzel, Herman C.: *See*—
Morrison, George F., and Frentzel.
Frentzel, Herman C., Milwaukee, Wis., assignor to McKee Door Company, Aurora, Ill. Traveler and brace for worms. 2.545,879, Mar. 20.
Frentzel, Joseph, assignee: *See*—
Goulot, Henri.
Frenzel, Wilbur G., Nome, Tex. Dump body lift. 2,549,900, Apr. 24.
Frere, Clarence: *See*—
Grothouse, Frank T., and Frere.
Frerer, Paul G., to Bendix Aviation Corporation, Baltimore, Md. Automatic burner control. 2,567,702, Sept. 11.
Frering, John L.: *See*—
Tandler, William S., de Weiss, Walker, and Frering.
Frese, Carl W., New York, N. Y., and T. P. Scott, Caldwell, assignors to Specialties Development Corporation, Belleville, N. J. Discharging fire-extinguishing media. 2,545,951, Mar. 20.
Frese, Carl W., New York, N. Y., assignor to Specialties Development Corporation, Belleville, N. J. Discharge device for fluids. 2,566,324, Sept. 4.
Frese, Joseph F., assignor to The Monitor Controller Company, Baltimore, Md. Radio-frequency contactor. 2,563,830, Aug. 14.
Frese, Joseph F., assignor to The Monitor Controller Company, Baltimore, Md. Vacuum relay. 2,563,831, Aug. 14.
Fresh Frozen Foods Limited, assignee: *See*—
Burney, Charles D.
Freshman, Milton, assignee: *See*—
Colucci, Aldo, and Yungel.
Freshwater, Chester E., Follansbee, W. Va. Bedside clock shelf. 2,538,449, Jan. 16.
Freshwater, Edmon S., Detroit, Mich., R. C. Muth, Elmhurst, Ill., and E. W. Cunningham, Schenectady, N. Y., assignors to General Electric Company. High-frequency induction heating apparatus. 2,547,635, Apr. 3.
Freud, Herbert M., Nanterre, France. Obtaining by galvanic means a coating for protecting magnesium from corrosion. 2,553,449, May 15.
Freudenberg, Herman, assignee: *See*—
Basch, Inga F.
Freudenberg, Werner, Cranford, N. J., assignor to General Aniline & Film Corporation, New York, N. Y. Polymerization of N-vinyl pyrrole compounds. 2,546,924, Mar. 27.
Freund, Gertrude E., assignor to Photo Research Corporation, San Fernando, Calif. Light measuring meter. 2,579,661, Dec. 25.
Freund, Gustav, II, Highland Park, assignor to The Visking Corporation, Chicago, Ill. Apparatus for plicating tubing. 2,542,652, Feb. 20.
Freund, Herman R., Brooklyn, and F. Stadelmann, Valley Stream, assignors to Intertype Corporation, Brooklyn, N. Y. Photographic type composing machine. 2,552,881, May 15.

Freund, Herman R., Brookyn, and F. Stadelmann, Valley Stream, assignors to Intertype Corporation, Brooklyn, N. Y. Photographic type composing machine. 2,552,882, May 15.
Freund, Herman R., assignor to Intertype Corporation, Brooklyn, N. Y. Matrix delivery means for typographical line composing machines. 2,560,517, July 10.
Freund, Karl E., Los Angeles, Calif., and E. M. Scharenberg, Cuyahoga Falls, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y. Closure means for flexible-walled containers. 2,563,929, Aug. 14.
Freundlich-Gomez Machinery Corp., assignee: *See*—
Gomez, Albert.
Frevel, Ludo K., W. W. Hunt, and J. J. Grebe, assignors to The Dow Chemical Company, Midland, Mich. Production of lower olefins. 2,541,693, Feb. 13.
Frey, Arthur J., Jr.: *See*—
Kundtz, Leo R., and Frey.
Frey, Frederick E., Bartlesville, Okla., assignor to Phillips Petroleum Company. Polysulfone resin process and composition. 2,543,842, Mar. 6.
Frey, Frederick E., and F. E. Condon, Bartlesville, Okla., assignors to Phillips Petroleum Company. Polymerization of dibromobutene. 2,562,090, July 24.
Freyssinet, Eugène, Neuilly-sur-Seine, France. Tensioning reinforcements. 2,579,183, Dec. 18.
Friang, Henry G.: *See*—
McEachron, Edgar D. and E. J., and Schroeder and Friang.
Friberg, Alfred F., Portland, Oreg. Valve. 2,577,613, Dec. 4.
Friberg, Charles A., Spokane, Wash. Illuminated spirit level having a recessed battery-receiving web. 2,543,572, Feb. 27.
Friberg, Viljo W.: *See*—
Ballam, Richard J., and Friberg.
Fricano, Santo J., Inglewood, Calif. Skewer. 2,578,182, Dec. 11.
Frick, Carl E.: *See*—
Hopkins, James E. A., Frick, and Van Cleef.
Frick, Charles W.: *See*—
Gardiner, Paul C., and Frick.
Frick Company, assignee: *See*—
Zumbro, Frank R.
Frick-Gallagher Manufacturing Company, The, assignee: *See*—
Frick, Paul H.
Frick, Jesse D., Pelion, S. C. Picture carrier for opaque projectors. 2,555,439, June 5.
Frick, Otto F. V., Stockholm, Sweden. Pitchy composition and making it. 2,578,883, Dec. 18.
Frick, Paul H., Wynnewood, Pa., assignor to The Frick-Gallagher Manufacturing Company, Wellston, Ohio. Sales demonstrator for rotatable shelves. 2,545,455, Mar. 20.
Frick, Paul H., Wynnewood, Pa., assignor to The Frick-Gallagher Manufacturing Company., Wellston, Ohio. Foldable sales demonstrator for rotatable shelves. 2,545,456, Mar. 20.
Friden Calculating Machine Co., Inc., assignee: *See*—
Ellerbeck, Grant C.
Freiberg, Leo.
Hopkins, George W.
Hopkins, George W., and Moody.
Karr, Clinton P.
Renholts, Roy J.
Friden, John H., Maplewood, N. J., assignor to Bristol Laboratories, Inc., Syracuse, N. Y. Hypodermic syringe. 2,539,510, Jan. 30.
Friden, John H., Maplewood, N. J., assignor to Bristol Laboratories, Inc., Syracuse, N. Y. Inhaler for crystalline penicillin or the like. 2,549,303, Apr. 17.
Fridolph, Annette E., New York, N. Y. Curtain support for articles of furniture. 2,562,029, July 24.
Fried, Celia, administratrix: *See*—
Fried, Ernest.
Fried, Ernest, deceased, New York, N. Y., C. Fried, administratrix, assignor to Fried Steel Equipment Mfg. Corp. Strip conveyer. 2,580,086, Dec. 25.
Fried, Jacob, Bronx, N. Y. Collapsible camera. 2,559,214, July 3.
Fried, John B., assignee: *See*—
Jones, Herbert S.
Fried, Josef and O. Wintersteiner, New Brunswick, N. J., assignors to E. R. Squibb & Sons, New York, N. Y. Derivatives of alkyl dihydrostreptobiosaminides. 2,552,547, May 15.
Fried, Josef, and E. O. Titus, New Brunswick, and J. A. Shannon, Metuchen, N. J., assignors to E. R. Squibb & Sons, New York, N. Y. Substantially pure dihydrostreptomycin-B base and salts thereof and obtaining same. 2,565,653, Aug. 28.
Fried, Joseph A.: *See*—
Higgins, John W., and Fried.
Fried, Joseph W., Los Angeles, Calif. Drill press attachment. 2,568,886, Sept. 25.
Fried, Mendel, Phoenix, Ariz. Penholder cap with ink container. 2,577,078, Dec. 4.
Fried, Richard H. and W. F., Pittsburgh, and A. Mosso, Latrobe, Pa. Food chopper. 2,561,920, July 24.

Fried, Sherman, Chicago, Ill., and N. R. Davidson, Sierra Madre, Calif., assignors to the United States of America as represented by the United States Atomic Energy Commission. Sulfur-containing compounds of neptunium and their preparation. 2,545,612, Mar. 20.
Fried, Sherman, Chicago, Ill., assignor to the United States of America as represented by the United States Atomic Energy Commission. Transuranic metal halides and the production thereof. 2,545,920, Mar. 20.
Fried, Sherman, Chicago, Ill., and N. R. Davidson, Sierra Madre, Calif., assignors to the United States of America as represented by the United States Atomic Energy Commission. Preparation of neptunium tetrafluoride. 2,549,899, Apr. 24.
Fried, Sherman, Chicago, Ill., and N. R. Davidson, Sierra Madre, Calif., assignors to the United States of America as represented by the United States Atomic Energy Commission. Making neptunium chlorides. 2,578,416, Dec. 11.
Fried Steel Equipment Mfg. Corp., assignee: *See*—
Fried, Ernest.
Fried, William F.: *See*—
Fried, Richard H. and W. F., and Mosso.
Friedberg, Leonard, New York, N. Y. Cosmetic stick and the like. 2,566,722, Sept. 4.
Friedberg, Milton R., Cleveland Heights, assignor to The Gabriel Company, Cleveland, Ohio. Antenna mounting. 2,580,350, Dec. 25.
Friedberg, Milton R., Cleveland, and T. R. Finke, Euclid, assignors, by mesne assignments, to The Gabriel Company, Cleveland, Ohio. Grooved connector terminal for shielded cable. 2,552,313, May 8.
Frieder, Leonard P., Great Neck, and W. S. Finken, Brooklyn, N. Y.; said Finken assignor to said Frieder. Sea anchor. 2,536,681, Jan. 2.
Frieder, Leonard P., Great Neck, and W. S. Finken, Brooklyn, N. Y.; said Finken assignor to said Frieder. Sea anchor apparatus. 2,536,682, Jan. 2.
Frieder, Leonard P., Great Neck, and W. S. Finken, Brooklyn, N. Y., assignors to Reconstruction Finance Corporation, Philadelphia, Pa. Mechanical release. 2,541,509, **Feb. 13.**
Frieder, Leonard P., Great Neck, and W. S. Finken, Brooklyn, N. Y., assignors, by mesne assignments, to Reconstruction Finance Corporation, Philadelphia, Pa. Multiple-line release mechanism. 2,546,689, Mar. 27.
Frieder, Leonard P., Great Neck, and W. S. Finken, Brooklyn, N. Y., assignors, by mesne assignments, to Reconstruction Finance Corporation, Philadelphia, Pa. Pilot chute attached to rim of master parachute. 2,553,909, May 22.
Frieders, Robert T., Menasha, and J. P. Strange, Jr., Neenah, assignors to John Strange Pail Company, Menasha, Wis. Container. 2,551,324, May 1.
Friedheim, Ernst A. H., New York, N. Y. Organic antimony compounds derived from 1,3,5-triazine. 2,549,795, Apr. 24.
Friedlander, Gerhard: *See*—
Fehling, Hans R., and Friedlander.
Friedman, Aaron, assignor to Joe Lowe Corporation, New York, N. Y. Apparatus for coating frozen confections and the like. 2,536,635, Jan. 2.
Friedman, Alvin H., Bartlesville, Okla., assignor to Phillips Petroleum Company. Reactivating catalysts. 2,540,109, Feb. 6.
Friedman, Alvin H., Kansas City, Mo., assignor to Phillips Petroleum Company. Replacing deactivated hydrocarbon synthesis catalyst with fresh catalyst. 2,573,559, Oct. 30.
Friedman, Barbara, assignee: *See*—
Friedman, Max.
Friedman, Felix, Brooklyn, N. Y. Insulated container. 2,555,538, June 5.
Friedman, Herbert, Arlington, Va. X-ray method and apparatus. 2,542,022, Feb. 20.
Friedman, Irmgard, Forest Hills, N. Y. Button fastening device. 2,569,048, Sept. 25.
Friedman, Isidore I., Chicago, Ill., and P. H. Egli, Washington, D. C. Synthesizing large single crystals of quartz. 2,537,043, Jan. 9.
Friedman, Isidore I., Washington, D. C., and O. F. Tuttle, Kensington, Md. Selection of oriented seed plates for quartz synthesis. 2,558,745, July 3.
Friedman, John H., assignor to The National Machinery Company, Tiffin, Ohio. Feed shutoff mechanism for intermittent drives. 2,538,619, Jan. 16.
Friedman, John H., assignor to The National Machinery Company, Tiffin, Ohio. Making nuts. 2,542,023, Feb. 20.
Friedman, John H., assignor to The National Machinery Company, Tiffin, Ohio. Machine for making nuts. 2,542,864, Feb. 20.
Friedman, John H., assignor to The National Machinery Company, Tiffin, Ohio. Shear mechanism for headers. 2,568,438, Sept. 18.
Friedman, John H., assignor to The National Machinery Company, Tiffin, Ohio. Method and apparatus for making screws and the like. 2,568,439, Sept. 18.
Friedman, John H., assignor to The National Machinery Company, Tiffin, Ohio. Composite die for nut machines. 2,568,440, Sept. 18.
Friedman, Joseph B., Maywood, Calif. Flexible drinking straw. 2,550,797, May 1.
Friedman, Joseph H., Chicago, Ill., assignor, by mesne assignments, of one-half to M. S. and J. R. Comess. Ileostomy surgical device. 2,563,597, Aug. 7.
Friedman, Joseph S., Johnson City, assignor to General Aniline & Film Corporation, New York, N. Y. Producing multilayer color negatives containing masking images for color correction purposes. 2,541,865, Feb. 13.
Friedman, Joseph S., Binghamton, assignor to General Aniline & Film Corporation, New York, N. Y. Azo dyes as silver halide photographic developing agents. 2,543,691, Feb. 27.
Friedman, Louis D., and W. B. Hughes, Barnsdall, assignors to Cities Service Oil Company, Bartlesville, Okla. Refining of organic compounds. 2,544,308, Mar. 6.
Friedman, Max, High Point, N. C. Tobacco dispenser. 2,565,808, Aug. 28.
Friedman, Max, New York, assignor of thirty-three and one-third per cent each to N. Speigel and B. Friedman, Bronx, N. Y. Combined film holder and drain pan for radiographic examinations. 2,569,561, Oct. 2.
Friedman, Philip, New York, N. Y. Men's undergarment. 2,549,374, Apr. 17.
Friedman, Samuel, assignor to Reliable Machine Works, Inc., Brooklyn, N. Y. Hand-manipulated fur treating tool. 2,560,943, July 17.
Friedman, Stanleigh P., executor: *See*—
Jonkhoff, Henri W.
Friedman, Theodore, New York, N. Y. Combined plastic article and insert. 2,548,151, Apr. 10.
Friedman, William, Los Angeles, Calif. Disposable syringe. 2,568,915, Sept. 25.
Friedman, William F., Washington, D. C. Facsimile enciphering system. 2,552,548, May 15.
Friedmann, Albert, assignor to Karl Lieberknecht, Inc., Reading, Pa. Needle actuating mechanism for straight knitting machines. 2,573,131, Oct. 30.
Friedmann, Alex., Kommandit Gesellschaft, assignee: *See*—
Etzelt, Heinrich, and Nemetz.
Friedmann, Alex., Kommanditgesellschaft, assignee: *See*—
Hajek, Otto.
Friedrich, Alice A.: *See*—
Swain, Alice A.
Friedrich, Robert E., Pittsburgh, Pa., and O. von Mehren, Lorain, Ohio, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Circuit interrupter. 2,538,773, Jan. 23.
Friedrich, Robert E., Pittsburgh, Pa., and O. von Mehren, Lorain, Ohio, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Circuit interrupter. 2,538,774, Jan. 23.
Friedrich, Robert E., Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Oil circuit interrupter. 2,547,202, Apr. 3.
Friedrich, Robert E., and W. M. Leeds, Pittsburgh, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Circuit interrupter. 2,580,291, Dec. 25.
Friend, Albert W., Lawrenceville, N. J., assignor to Radio Corporation of America. Magnetic recording-reproducing head. 2,536,272, Jan. 2.
Friend, Albert W., Lawrenceville, N. J., assignor to Radio Corporation of America. Magneto-optical transducer system. 2,560,430, July 10.
Friend, Carl F., Burbank, Calif. Lock set for doors. 2,542,130, Feb. 20.
Friend, Dawson, assignor to Stant Manufacturing Company, Connersville, Ind. Ball-joint mounting. 2,545,406, Mar. 13.
Friend, Floyd R., Lubbock, Tex. Crust breaking cultivator. 2,579,561, Dec. 25.
Friend, James R., Rolling Hills, Calif. Illumination louver. 2,546,335, Mar. 27.
Friend, Mildred, assignee: *See*—
Bryce, Robert M.
Friend, Ralph L., Cleveland, and C. C. Knapp, Garfield Heights, assignors to Ramode, Inc., Cleveland, Ohio. Awning. 2,551,558, May 1.
Fries, Jake, and J. Schlager, Culbertson, Nebr. Wire-reeling attachment. 2,537,522, Jan. 9.
Friesen, Vernon O., Berkeley, Calif. Support for electrically heated devices. 2,543,103, Feb. 27.
Friess, Albert H., assignor to Viewmaster Corp., New York, N. Y. Goggle support. 2,549,445, Apr. 17.
Friestedt, Arthur A., Chicago, Ill. Nonskid tire. 2,568,542, Sept. 18.
Frigid Fluid Company, assignee: *See*—
Kaiser, Ernest H.
Friis, Harald T., Rumson, W. D. Lewis, Little Silver, and L. C. Tillotson, Holmdel, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Microwave hybrid junction. 2,575,804, Nov. 20.
Frilette, Vincent J., New York, N. Y. Copolymerization of styrene and unsaturated polyester. 2,568,331, Sept. 18.
Frink, Russell E.: *See*—
Dickinson, Robert C., and Frink.
Olsson, Paul, and Frink.
Frisbie, Marshall H., Hamden, and S. P. Morse, East Haven, assignors to The A. C. Gilbert Company, New Haven, Conn. Fractureproofed frangible body and production thereof. 2,541,047, Feb. 13.

Frisby, Frank D.: *See*—
Marien, Charles A., and Frisby.

Frisch, Martin, assignor to Foster Wheeler Corporation, New York, N. Y. Heat exchange apparatus. 2,537,984, Jan. 16.

Frisch, Martin, assignor to Foster Wheeler Corporation, New York, N. Y. Distributor. 2,564,683, Aug. 21.

Frisch, Wayne R., and J. W. Roy, Pittsfield, Mass., assignors to General Electric Company. Calorizing process. 2,541,813, Feb. 13.

Frische, Carl A.: *See*—
Esval, Orland E., and Frische.

Frischmann, George: *See*—
Phelps, George H., and Frischmann.

Frishberg, Samuel, New York, N. Y., assignor to Delamere Company, Inc., Jersey City, N. J. Hair curler. 2,549,446, Apr. 17.

Frishberg, Samuel, New York, N. Y., assignor to Delamere Company, Inc., Jersey City, N. J. Hair curler. 2,557,060, June 19.

Frisk, Nils P. W., assignor to A. B. Svenska Flaktfabriken, Stockholm, Sweden. Device for improvement of heating, ventilating, and air conditioning plants. 2,542,763, Feb. 20.

Frison, Robert E., Buffalo, Wyo. Tag and card holder. 2,548,104, Apr. 10.

Frisz, George E., Clay Township, St. Joseph County, Ind. Shaft measuring means. 2,548,010, Apr. 10.

Frito Company, The, assignee: *See*—
Gunderson, Willard R.

Fritsch, Walter, assignee: *See*—
Stranberg, Don F.

Fritsche, John T., Bay Village, Ohio. Refrigerated commodity box. 2,579,379, Dec. 18.

Fritschi, Walter W., Manhasset, and C. W. Lucek, Port Chester, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Voice-frequency signaling system. 2,577,614, Dec. 4.

Fritts, Kenneth M., Erie, Pa. Combined reel for a fishing pole and locking means therefor. 2,575,588, Nov. 20.

Fritts, Morris, Chatham, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Spiral scanning mechanism. 2,537,822, Jan. 9.

Fritts, Ralph M., Kansas City, Mo. Capsule filling machine with a vertically reciprocable V-shaped sweep. 2,546,300, Mar. 27.

Fritz, Alvin D.: *See*—
Moore, Murray L., and Fritz.

Fritz, Dwain E.: *See*—
Else, Harry D., and Fritz.

Fritz, Dwain E., Shaker Heights, assignor to Jack & Heintz, Inc., Cleveland, Ohio. Automatically variable resistance electrical device. 2,572,330, Oct. 23.

Fritz Lundbergs Skinnberederi & Fargeri Aktiebolag, assignee: *See*—
Günther, Torsten R.

Fritz, William S., Morrisville, Pa., assignor of one-half to S. Dabrowski, Long Island City, N. Y. Barbed-wire fence builder. 2,554,020, May 22.

Fritzinger, George H., assignee: *See*—
Schaible, Theodore G.

Fritzinger, George H., assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Apparatus responsive to abnormally hot conditions in machines. 2,552,165, May 8.

Fritzinger, George H., assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Electrical indicating system. 2,558,945, July 3.

Frobe, Paul, assignee: *See*—
McDonald, Donald.

Fröding, Olof E., assignor to Aktiebolaget Separator, Stockholm, Sweden. Method and installation for homogenization of liquids. 2,539,125, Jan. 23.

Froebe, Douglas F., Oakland, Calif. Pump and motor hydraulic transmission. 2,569,562, Oct. 2.

Froehlich, Erwin W.: *See*—
Murphy, William P.

Froelich, Herman C., Cleveland Heights, Ohio, assignor to General Electric Company. Preparing calcium silicate phosphor. 2,542,322, Feb. 20.

Froelich, Herman C., Cleveland Heights, Ohio, assignor to General Electric Company. Nonphosphorescent calcium silicate phosphor containing indium. 2,545,880, Mar. 20.

Froelich, Herman C., and J. M. Margolis, Cleveland Heights, Ohio, assignors to General Electric Company. Stabilized calcium phosphate phosphor. 2,575,754, Nov. 20.

Froelich, Herman C., and J. M. Margolis, Cleveland Heights, Ohio, assignors to General Electric Company. Alkali stabilized calcium phosphate phosphor. 2,575,755, Nov. 20.

Frohman, Harry, Charlotte, N. C. Picker stick check. 2,550,798, May 1.

Frohnapel, Alvah V., assignor to Nash-Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus. 2,551,369, May 1.

Frohnapel, Alvah V., assignor to Nash-Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus. 2,562,609, July 31.

Frohring, William O., Newbury Township, Geauga County, Ohio. Tandem concrete mixer. 2,562,310, July 31.

Frolander, Frank C., Elizabeth, N. J., assignor to Mergenthaler Linotype Company. Typographical distributing machine. 2,538,902, Jan. 23.

Frolich, John F., Stamford, Conn., assignor to The Indiana Steel Products Company, Chicago, Ill. Can-opening device. 2,573,427, Oct. 30.

Fromageot, Antoine: *See*—
Redard, Robert A., and Fromageot.

Fromageot, Antoine, M. A. Lalande, and R. Redard, Paris, France, assignors to International Standard Electric Corporation, New York, N. Y. Multiplex carrier current telephony. 2,546,994, Apr. 3.

Froman, Darol K., Denver, Colo., assignor to the United States of America as represented by the United States Atomic Energy Commission. Pulse integrating circuits. 2,543,491, Feb. 27.

Fromholt, Félix, Norgent-sur-Marne, France. Diamond indenter for testing the hardness of metals. 2,554,901, May 29.

Fromm, Marvin M.: *See*—
Hanna, Raymond P., Wynn, Fromm, and Laughner.

Fromm, Winfield E.: *See*—
Schmitt, Otto H., Fromm, Fails, and Kasindorf.

Fromme, Harry F., Jacksonville, Fla. Rack for sterlizing bottles. 2,553,180, May 15.

Frommer, Joseph C., Cincinnati, Ohio. Detecting cloudiness of transparent material. 2,562,181, July 31.

Frommer, Joseph C., Cincinnati, Ohio. Cathode-ray tube bridge unbalance detector. 2,566,699, Sept. 4.

Frommer, Joseph C., assignor to Clippard Instrument Laboratories, Inc., Cincinnati, Ohio. Voltage regulator. 2,567,880, Sept. 11.

Fromson, Bertram W., Weybridge, Surrey, England. Reinforced cast structure. 2,558,946, July 3.

Frondel, Clifford, assignor to Cambridge Thermionic Corporation, Cambridge, Mass. Pressure responsive transducer. 2,569,987, Oct. 2.

Frosch, Alex, Houston, Tex., assignor, by mesne assignments, to Standard Oil Development Company, Elizabeth, N. J. Magnetic field measuring device. 2,543,843, Mar. 6.

Frost, Albert E., Bloomfield, N. J., assignor to The Western Union Telegraph Company, New York, N. Y. Telegraph code translator system. 2,549,796, Apr. 24.

Frost, Clements A., Yakima, Wash. Portable vacuum cleaner. 2,537,523, Jan. 9.

Frost, Edward F., Le Sueur, Minn. Cylinder block ridge grinder. 2,541,412, Feb. 13.

Frost, Frederick H., Portland, Maine, assignor to S. D. Warren Company, Boston, Mass. Planographic printing plate and treatment thereof. 2,559,610, July 10.

Frost, Frederick H., Portland, Maine, assignor to S. D. Warren Company, Boston, Mass. Water-repellent ink transfer surface. 2,562,782, July 31.

Frost, Frederick H., Portland, and F. E. Brinnick, Westbrook, Maine, assignors to S. D. Warren Company, Boston, Mass. Light-sensitive compositions and plates for photolithography. 2,574,258, Nov. 6.

Frost, George R., Great Neck, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Multivibrator. 2,540,478, Feb. 6.

Frost, Harry W., Jr., Detroit, Mich., and L. E. Endsley, Pittsburgh, Pa. Railway car springs. 2,571,229, Oct. 16.

Frost, Lester P., Placerville, Calif. Drafting instrument. 2,543,009, Feb. 27.

Frost, Lester P., U. S. Army, Fort Belvoir, Va. Bridge and mobile launching structure therefor. 2,556,175, June 12.

Frost, Loyd T., Riveredge, N. J. Sonic teacher. 2,548,011, Apr. 10.

Frost Railway Supply Co., The, assignee: *See*—
Endsley, Louis E.

Frost, Raymond B., Bernardsville, N. J., assignor to Victaulic Company of America, New York, N. Y. Pipe parting tool. 2,568,280, Sept. 18.

Frost, Sydney M., assignor to Kendall & Sons Limited, Leicester, England. Umbrella, parasol, or the like. 2,543,359, Feb. 27.

Frost, William G., Portageville, N. Y. Garden tool. 2,548,012, Apr. 10.

Frowe, Eugene W., assignor to Robert H. Ray Co., Houston, Tex. Underwater prospecting device. 2,568,680, Sept. 18.

Fruechtel, Wilbert J., assignor to The C. O. Bartlett & Snow Company, Cleveland, Ohio. Safety device. 2,555,880, June 5.

Fruechtel, Wilbert J., assignor to The C. O. Bartlett & Snow Company, Cleveland, Ohio. Material handling apparatus. 2,579,562, Dec. 25.

Fruehauf, Herman P., Seattle, Wash. Reclining chair. 2,539,067, Jan. 23.

Fruehauf, Roy R.: *See*—
Blessing, William J., and Fruehauf.
Steven, George, and Fruehauf.

Fruhwirth, Otto, and H. Walla, Bruckl, Carinthia, assignors to Donau Chemie Aktiengesellschaft, Vienna III, Austria. Producing perchlorethylene. 2,538,723, Jan. 16.

Fruithof, Barend G., Eindhoven, Netherlands, assignor to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Resonant circuit for ultrashort waves. 2,571,026, Oct. 9.

Frum, Alexander, Far Rockaway, assignor to International Standard Electric Corporation, New York, N. Y. Crosstalk reduction in pulse multiplex receiver systems. 2,553,572, May 22.
Frum, Lonnie A., Clarksburg, W. Va. Tool for dispensing, clamping, and cutting flexible strands. 2,544,784, Mar. 13.
Frusher, William A., Ness City, Kans. Rotary disk sharpener. 2,565,916, Aug. 28.
Fruth, Hal F., Skokie, Ill. Bimetallic fastener. 2,575,213, Nov. 13.
Fry, Andrew and F. A., assignors to Rotor Power Units Limited, Liverpool, England. Winding arrangement in electrical apparatus. 2,546,736, Mar. 27.
Fry, Anna W., St. Louis, Mo., assignor to Itsa Manufacturing Co. Scrub brush handle attachment. 2,563,781, Aug. 7.
Fry, Ashford B.: *See*—
George, Percy F., Fry, and Kirk.
Fry, Ashford B., R. C. Kirk, and P. F. George, assignors to The Dow Chemical Company, Midland, Mich. Magnesium primary cell. 2,547,907, Apr. 3.
Fry, Ashford B., R. C. Kirk, and P. F. George, assignors to The Dow Chemical Company, Midland, Mich. Primary cell. 2,547,908, Apr. 3.
Fry, Douglas J.: *See*—
Kendall, John D., and Fry.
Fry, Douglas J., assignor to Ilford Limited, Ilford, England. Silver halide emulsions containing antifogging agents. 2,566,658, Sept. 4.
Fry, Douglas J., assignor to Ilford Limited, Ilford, England. Silver halide emulsions containing antifogging agents. 2,566,659, Sept. 4.
Fry, Frederick A.: *See*—
Fry, Andrew and F. A.
Fry, John A., assignor to Pye Limited, Cambridge, England. Crystal controlled high-frequency oscillator. 2,553,366, May 15.
Fry, John J., assignor to Fry Reglet Company, Bremerton, Wash. Counterflashing assembly. 2,538,240, Jan. 16.
Fry, Millard E., assignor to General Motors Corporation, Dayton, Ohio. Domestic appliance. 2,569,753, Oct. 2.
Fry Reglet Company, assignee: *See*—
Fry, John J.
Fry, Smith, Mansfield, Mo. Rock picker and loader. 2,564,805, Aug. 21.
Fry, William A., assignor to The Dow Chemical Company, Midland, Mich. α-methyl benzyl esters of campholic and fencholic acids. 2,561,193, July 17.
Fryda, Paul A., West Allis, Wis. Brush package. 2,570,105, Oct. 2.
Frydenlund, Arthur, Prairie du Chien, Wis. Auxiliary seat for barbers' chairs. 2,542,653, Feb. 20.
Frye, Charles F.: *See*—
Dunning, John W., Frye, and Lathrop.
Frye, Norman, near Davenport, Iowa. Supplemental lifting fingers for combines. 2,551,258, May 1.
Frye, Norman, near Davenport, Iowa. Tractor guiding mechanism. 2,555,793, June 5.
Frye, Richard D., Adrian, Mich. Stand for Christmas trees or the like. 2,561,693, July 24.
Frye, Sanders A., Westerville, Ohio, assignor, by mesne assignments, to American Machine and Foundry Company, Brooklyn, N. Y. Pin setting mechanism for bowling alleys. 2,550,919, May 1.
Frye, William E.: *See*—
Ellis, C. Richard, and Frye.
Fryer, Edward D., assignee: *See*—
McGraw, John T.
Fryer, Louis S., Shaker Heights, assignor to Industrial Rayon Corporation, Cleveland, Ohio. Method and an apparatus for blending viscose solutions. 2,578,002, Dec. 11.
Fryklund, Robert A., Somerville, Mass., assignor to Raytheon Manufacturing Company. Distance measuring system. 2,558,676, June 26.
Fryklund, Robert A., Somerville, Mass., assignor to Raytheon Manufacturing Company. Echo ranging system. 2,561,851, July 24.
Fryklund, Robert A., Somerville, and W. G. Gorton, Belmont, Mass., assignors to Raytheon Manufacturing Company. Electrical control system. 2,559,575, July 3.
Fryling, Charles F., Bartlesville, Okla., assignor to Phillips Petroleum Company. Plasticizing synthetic rubber with a reaction product of an alkyl mercaptan and a rubbery diolefin polymer. 2,543,844, Mar. 6.
Fryling, Charles F., Bartlesville, Okla., assignor to Phillips Petroleum Company. Plasticizing synthetic rubber with a reaction product of an alkyl mercaptan and said rubber. 2,543,845, Mar. 6.
Fryling, Charles F., Phillips, Tex., and W. B. Reynolds, Bartlesville, Okla., assignors to Phillips Petroleum Company. Emulsion polymerization with a catalyst comprising a diazo thioether and a ferricyanide. 2,546,220, Mar. 27.
Fryman, Foster M.: *See*—
Sugarman, Nathan, and Fryman.
Frysh, Peter P., Chicago, Ill. Bag seal. 2,544,452, Mar. 6.
Fryxell, Olaf: *See*—
Hansen, Fred A., and Fryxell.
Fua, Frederic A.: *See*—
Vossberg, Carl A., and Fua.
Vossberg, Carl A., Jr., and Fua.
Fua, Frederic, New York, N. Y., and R. C. Woods, Montclair, N. J., assignors to X-Ray Electronic Corporation, New York, N. Y. Measuring and testing methods and apparatus employing X-rays. 2,557,868, June 19.
Fuchs, Alex, assignee: *See*—
Mosberg, Abraham.
Fuchs, Fritz E., assignor to Aquanox Corporation, Houston, Tex. Treatment of emulsions. 2,540,437, Feb. 6.
Fuchs, Fritz E., assignor to Aquanox Corporation, Houston Tex. Demulsifier composition. 2,540,438, Feb. 6.
Fuchs, Fritz E., assignor to Aquanox Corporation, Houston, Tex. Oxidized phthalated castor oil and manufacture. 2,540,439, Feb. 6.
Fuchs, Hedwig: *See*—
Gündel, Wolfgang, Meyer, Offermann, and Fuchs.
Fuchs, Henry O.: *See*—
Beemer, Paul K., and Fuchs.
Fuchs, Henry, assignor to W. H. Miner, Inc., Chicago, Ill. Door fastener. 2,548,964, Apr. 17.
Fuchs, Walter M.: *See*—
Rosenzweig, Sam, and Fuchs.
Fuchs, Walter M., assignor, by mesne assignments, to Bactericidal Research, Inc., New York, N. Y. Germicidal reaction products of silver salts and monohydroxymonoamino alkanes. 2,562,488, July 31.
Fuchslocher, Theodor F. E., Van Nuys, Calif. Variable pitch V-pulley. 2,555,189, May 29.
Fuchslocher, Theodor F. E., Van Nuys, Calif. Reinforced chain transmission belt. 2,555,190, May 29.
Fuehrer, George H., Phillipsburg, N. J., assignor to Ingersoll-Rand Company, New York, N. Y. Guide for drilling implements. 2,555,404, June 5.
Fuehrer, George H., Phillipsburg, N. J., and C. W. Hosking, Easton, Pa., assignors to Ingersoll-Rand Company, New York, N. Y. Cushioning device. 2,572,465, Oct. 23.
Fuehring, Karl T., Hollydale, assignor of one-half to C. E. Moose, Los Angeles, Calif. Automatic tire pressure switch. 2,565,073, Aug. 21.
Fuel Research Corporation, assignee: *See*—
Bossert, Henry L.
Fuerst, Carl C., assignor to Eastman Kodak Company, Rochester, N. Y. Camera shutter having built-in synchro-flash mechanism. 2,537,887, Jan. 9.
Fuerst, Carl C., assignor to Eastman Kodak Company, Rochester, N. Y. Two-blade shutter having built-in flash synchronizing switch. 2,537,888, Jan. 9.
Fuerst, Carl C., assignor to Eastman Kodak Company, Rochester, N. Y. Built-in flash synchronizer having two switches for selective use. 2,552,273, May 8.
Fuerst, Carl C., assignor to Eastman Kodak Company, Rochester, N. Y. Setting type shutter with power-operated release means and flash synchronizing switch. 2,563,782, Aug. 7.
Fuerst, Carl C., and D. C. Harvey, assignors to Eastman Kodak Company, Rochester, N. Y. Stabilizer for camera shutter trip mechanism. 2,571,702, Oct. 16.
Fuerst, Edwin W., Toledo, Ohio, assignor to Owens Brush Company. Toothbrush carton. 2,541,510, Feb. 13.
Fugle, Delmar J., Miami, Fla., assignor to Fugle-Mellet Products, Inc. Lead sharpener. 2,557,646, June 19.
Fugle, Matthew P.: *See*—
Kessler, Nichols A., Chitwood, and Fugle.
Fugle-Mellet Products, Inc., assignee: *See*—
Fugle, Delmar J.
Fuhr, Albert B., Macomb, Ill. Screen window structure. 2,575,266, Nov. 13.
Fuhrman, William F., Newport, Ky., assignor to one-half to E. O. Gerth, Richmond, Ind. Mixer for beverage vending machines and the like. 2,566,127, Aug. 28.
Fuhrmeister, Frederick A.: *See*—
Bollinger, Waldon P., Fuhrmeister, and Hill.
Fujita, Frank H., Watsonville, Calif. Picking cart. 2,578,193, Dec. 18.
Fukal, Alfred F., Houston, Tex., assignor to W. W. Welch Company, Cincinnati, Ohio. Panel for window ventilators. 2,541,233, Feb. 13.
Fulcher, Thomas H.: *See*—
Bayford, Leslie J. C., and Fulcher.
Fuld, Walter S., New York, N. Y. Valved pouring attachment for milk bottles. 2,545,350, Mar. 13.
Fulke, Frank L., Terre Haute, Ind. Chain joint. 2,541,157, Feb. 13.
Fulke, Frank L., Terre Haute, Ind. Mining machine. 2,561,657, July 24.
Fulkerson, Archie P., assignor to Henry Vogt Machine Company, Louisville, Ky. Fluid flow controller. 2,574,823, Nov. 13.
Fulkerson, Glenn C., Kingsport, and J. L. Johnson, Blountville, Tenn. Ready-built metal outside privy. 2,573,838, Nov. 6.
Fuller, Aimel, Hawthorne, Calif. Lock for vehicle doors. 2,572,129, Oct. 23.
Fuller, Alfred J.: *See*—
Potter, William W., and Fuller.
Fuller, Boyd H., Los Angeles, Calif. Viewing device. 2,550,799, May 1.

Fuller Brush Company, The, assignee: *See*—
Le Febvre, Alfred L.
Le Febvre, Alfred L., and Strong.
Le Febvre, Alfred L., Strong, and Gatting.
Rowland, Clarence G.
Fuller, Byron A., Neligh, Nebr. Saw table attachment for swivel saws. 2,568,799, Sept. 25.
Fuller, Charles E., Dothan, Ala. Window sash operator and lock. 2,539,822, Jan. 30.
Fuller, Earnest M., Bronxville, and C. W. Lund, Brooklyn, assignors to Johns-Manville Corporation, New York, N. Y. Partition construction. 2,558,428, June 26.
Fuller, Everett W.: *See*—
Richter, Frederick P., and Fuller.
Fuller, Frank I.: *See*—
Neff, Joseph J., and Fuller.
Fuller, Frank W., St. Paul, Minn., assignor to Rock Island Millwork Company, Rock Island, Ill. Molding tray. 2,574,915, Nov. 13.
Fuller, Frederic E., Williamsport, Pa., assignor to Avco Manufacturing Corporation. Mechanism for driving contra-rotating propellers. 2,543,453, Feb. 27.
Fuller, George H., Greenwich, Conn. Dispensing container. 2,564,359, Aug. 14.
Fuller, Grant L., Cleveland Heights, Ohio. Roller skate. 2,553,450, May 15.
Fuller, Leon B.: *See*—
Murch, Harold L., Fuller, and Beardsley.
Fuller, Leon B., assignor to Jones & Lamson Machine Company, Springfield, Vt. Comparator for typewriting machine type. 2,558,078, June 26.
Fuller Manufacturing Company, assignee: *See*—
Perkins, Charles M.
Fuller, Martin H., assignor to Climax Machinery Company, Indianapolis, Ind. Mounting device for window ventilating fans. 2,546,944, Mar. 27.
Fuller, Paul M., Buffalo, assignor to The Rudolph Wurlitzer Company, North Tonawanda, N. Y. Extensible rack and shelf for supporting and illuminating sheet music. 2,542,502, Feb. 20.
Fuller, Revilo, Maricopa, Ariz. Portable form for lining irrigation. 2,551,110, May 1.
Fuller, Stuart L., Royal Oak, Mich. Vehicle turn-signaling switch. 2,542,242, Feb. 20.
Fuller, Thomas J. D., Jr., Cambridge, Mass. Forming designs in relief. 2,555,077, May 29.
Fuller, Wendell A., Marion, Ind., assignor, by mesne assignments, to Farnsworth Research Corporation. Magnetic phonograph pickup having an armature support within the pickup coil. 2,553,573, May 22.
Fullerton, George A., Clarendon, Pa. Oil well pumping machine. 2,579,112, Dec. 18.
Fullerton, Henry J., assignor to Pittsburgh Saw & Tool Company, Pittsburgh, Pa. Insert segment saw. 2,544,920, Mar. 13.
Fullmer, Lewis E., Salinas, Calif. Weight-applied, solenoid released brake. 2,542,865, Feb. 20.
Fulmer, John R.: *See*—
Hillebrand, Earl D., and Fulmer.
Fulmer, Ray, Garrett, Pa. Paring knife and razor blade stropper and sharpener. 2,539,574, Jan. 30.
Fulop, Charles, Cleveland, Ohio. Motion-picture film reel. 2,542,186, Feb. 20.
Fulpius, Edmond, assignor to Ateliers des Charmilles S. A., Geneva, Switzerland. Straight needle valve injector for hydraulic action turbines. 2,557,423, June 19.
Fulton, Alfred C., assignor to The Dunne Rubber Company, Ashtabula, Ohio. Resilient washer for rail spikes. 2,557,271, June 19.
Fulton Company, The, assignee: *See*—
Riemann, Howard C.
Strand, Steen.
Fulton, Frank F., Plevna, Mont. Tractor sight. 2,559,761, July 10.
Fulton, Harry L., Pueblo, Colo. Pipe joint and fitting. 2,567,639, Sept. 11.
Fulton, John W., Chardon, and R. A. Kuebler, Cleveland Heights, Ohio, assignors to General Electric Company. Exhaust machine. 2,575,756, Nov. 20.
Fulton, Louis E., Houston, Tex. Wall mounted shelf structure. 2,568,147, Sept. 18.
Fulton Manufacturing Corporation, assignee: *See*—
Schaefer, Donald G.
Fulton, Oliver H., Jr., Montclair, N. J., assignor to Radio Corporation of America. Lead-in conductor for electron discharge devices. 2,536,636, Jan. 2.
Fulton, Robert O.: *See*—
Brunot, Albert W., Fulton, and Solomon.
Fulton, Stephen M.: *See*—
Baines, Richard H., Eccles, and Fulton.
Fulton, William F., Bellaire, assignor to Warren Petroleum Corporation, Houston, Tex. Separating selected constituents from gases. 2,542,187, Feb. 20.
Fulton, William T., Seattle, Wash. Hydraulic buffer assembly. 2,541,234, Feb. 13.
Fultz, Allen R., assignor to Eastman Kodak Company, Rochester, N. Y. Vertical illuminator for optical projection comparator with relay type optical system. 2,552,272, May 8.
Fulwal Chemical Corporation, The, assignee: *See*—
Babayan, Vigen K.
Fumagalli, Charles, Guatemala City, Guatemala. Windmill electric generating and storage system, including controlling means. 2,547,636, Apr. 3.
Fumat, Joseph, assignor to Etablissements Fumat, Caluire, France. Loom clutch and stop mechanism. 2,556,751, June 12.
Funderburg, Isaac M., Jr., Crossett, Ark. Artificial denture. 2,572,714, Oct. 23.
Funderburg, Joe D., Los Angeles, and B. P. Heinmiller, Glendale, assignors to Gille Bros., Hollywood, Calif. High-frequency tuning device. 2,572,130, Oct. 23.
Funderburk, George O., Upper Penn's Neck, N. J., assignor to E. I. du Pont de Nemours and Company, Wilmington, Del. Noncaking compositions of matter. 2,579,380, Dec. 18.
Funderburk, George O., Upper Penn's Neck, N. J., assignor to E. I. du Pont de Nemours and Company, Wilmington, Del. Cellulose derivative composition of improved solubility. 2,579,381, Dec. 18.
Funk, Eugene, Preston, Nev. Casting reel. 2,559,215, July 3.
Funk, Nelson E., Kalamazoo, Mich. Paper feeding, cutting, and registering mechanism. 2,546,221, Mar. 27.
Funk, Nelson E., Springfield, Ohio. Cylinder adjusting mechanism for multi-color printing presses. 2,539,068, Jan. 23.
Funk, Robert V., assignee: *See*—
Ennis, George H. and W. W.
Funk, Samuel M., Muncie, Ind. Weather sealing mechanism. 2,548,716, Apr. 10.
Funk, Warren S., Sioux Falls, S. Dak. Fishing line drier. 2,546,222, Mar. 27.
Funk, William, Stockton, assignor to Rheem Manufacturing Company, Richmond, Calif. Threading machine having electrical and mechanical reversing controls. 2,551,936, May 8.
Funk, William R., assignor to Cook Electric Company, Chicago, Ill. Totalizing system for plural toll stations. 2,555,405 June 5.
Funke, Albert, Passaic, N. J., assignor to Continental Can Company, Inc., New York, N. Y. Can body flanging mechanism. 2,579,919, Dec. 25.
Funkhouser, Mearick, Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Rod packing for shock absorbers. 2,574,209, Nov. 6.
Funkhouser, Mearick, and E. F. Rossman, Dayton, Ohio, assignors to General Motors Corporation, Detroit, Mich. Flow control mechanism for shock absorbers. 2,569,520, Oct 2.
Funnekotter, H., curator in bankruptcy: *See*—
Malchus, Johannes A. C.
Funsten, Stanard R., Pasadena, assignor to Filtrol Corporation, Los Angeles, Calif. Process and apparatus for catalytic reactions and adsorptions. 2,561,852, July 24.
Funsten, Stanard R., Pasadena, and F. W. Burgesser, Compton, assignors to Filtrol Corporation, Los Angeles, Calif. Coated seed. 2,579,732, Dec. 25.
Fuqua, Mack C., Baton Rouge, La., and B. S. Garrett, Bellerose, N. Y., assignors to Standard Oil Development Company. Removal of peroxides from hydrocarbons and oxygenated solvents. 2,563,598, Aug. 7.
Furbush, Joseph D., Adrian, Mich. Fishing reel. 2,576,587, Nov. 27.
Furczyk, Alfons A.: *See*—
Hess, Frederic O., Furczyk, and Henwood.
Furczyk, Alfons A., assignor to Selas Corporation of America, Philadelphia, Pa. Internal gas burner. 2,561,194, July 17.
Furczyk, Alfons A., assignor to Selas Corporation of America, Philadelphia, Pa. Incandescent gas burner for furnace walls. 2,561,793, July 24.
Furczyk, Alfons A., assignor to Selas Corporation of America, Philadelphia, Pa. Internally fired gas burner with radiant end wall. 2,575,514, Nov. 20.
Furedi, Colman, Bronx, assignor of one-half to C. Zentner, New York, N. Y. Thimble. 2,536,979, Jan. 2.
Furman, Donald E.: *See*—
Talbot, Albert M., Furman, Brophy, and Pilling.
Furman, Frank J.: *See*—
Mills, Albert W., Furman, and Read.
Rabenda, Edward J., and Furman.
Furman, Frank J., Endicott, assignor to International Business Machines Corporation, New York, N. Y. Duel strip feeding and braking device. 2,536,926, Jan. 2.
Furman, Frank J., Endicott, assignor to International Business Machines Corporation, New York, N. Y. Sheet and envelope feeding device. 2,558,947, July 3.
Furman, Frank J., Endicott, assignor to International Business Machines Corporation, New York, N. Y. Storage unit. 2,573,561, Oct. 30.
Furman, Kenneth E.: *See*—
Ballard, Seaver A., Furman and Finch.
Furman, Otto G.: *See*—
Loewi, Mortimer W., Furman, and Mueller.
Furman, William H., and R. F. Whitesides, Henderson, assignors of one-fourth to W. L. Long, Warrenton, N. C., and one-fourth to H. S. West, New York, N. Y. Manganese ore treatment. 2,539,823, Jan. 30.
Furminger, William, Seattle, Wash., assignor to Continental Can Company, Inc., New York, N. Y. Feeder for flattened can bodies. 2,570,936, Oct. 9.
Furnace Engineers Incorporated, assignee: *See*—
Dobrin, Harry.

Furnald, Hary W., Buffalo, N. Y. Apparatus for increasing the traction of vehicle tires. 2,570,540, Oct. 9.
Furnas Electric Company, assignee: *See*—
Cobb, Harold E., and Furnas.
Furnas, William C.
Furnas, William C.: *See*—
Cobb, Harold E., and Furnas.
Furnas, William C., Batavia Township, Kane County, assignor to Furnas Electric Company, Batavia, Ill. Interchangeable electric switch. 2,562,420, July 31.
Furness, William H., Haddonfield, N. J., assignor to American Viscose Corporation, Wilmington, Del. Electrolytic cell. 2,573,788, Nov. 6.
Furr, Asa C., Sedgwick, Colo. Hemorrhoid truss. 2,559,762, July 10.
Fürrer, Heinrich, assignor to Rud. Furrer Sohne A. G., Zurich, Switzerland. Rider for hanging files. 2,538,361, Jan. 16.
Fürst, Anna P., Chicago, Ill. Insect swatter. 2,578,183, Dec. 11.
Furstoss, Ralph J.: *See*—
Rosen, Carl G. A., Maxwell, Paul and Furstoss.
Furtado, John A., Hollister, Calif. Fruit cutting and pitting apparatus. 2,556,266, June 12.
Furzehill Laboratories Limited, assignee: *See*—
Milsom, Frederick R.
Fusay, Jules, Jackson Heights, and H. Eventoff, Bronx, N. Y. Vaporizer. 2,557,501, June 19.
Fusco, Mario S., assignor to D., B., and J. Kayman, Chicago, Ill. Venetian blind. 2,573,326, Oct. 30.
Fuse Indicator Corporation, assignee: *See*—
Linton, William C.
Fusfeld, Herbert I.: *See*—
Read, Thomas A., and Fusfeld.
Fusner, George R.: *See*—
Walker, Chapman J., and Fusner.
Fussell, Ernest G., and C. B. Champion, Worle, Weston-super-Mare, England. Metal reinforced wear lift. 2,562,265, July 31.
Future Products, assignee: *See*—
Leitzel, Ammon M.
Fye, Ronald L., Hollidaysburg, Pa. Angler's tackle box. 2,539,302, Jan. 23.
Fyfe, Clayton, Elgin, Ill., assignor to Illinois Watch Case Co. Catch construction for cases. 2,567,881, Sept. 11.
Fyler, George W., Lombard, Ill., assignor to Motorola, Inc. Kinescope combined with simultaneously adjustable lens and viewing screen. 2,540,721, Feb. 6.
Fyler, George W., Lombard, assignor to Motorola, Inc., Chicago, Ill. Synchronizing signal separator and keyed automatic gain control. 2,566,763, Sept. 4.
Fyler, George W., Stratford, Conn., assignor to General Electric Company. Rectifier regulator. 2,550,462, Apr. 24.
Fyler, George W., Stratford, Conn., assignor to General Electric Company. Extended range radio detection and ranging system. 2,568,441, Sept. 18.
Fyler, George W., Lombard, and G. J. Heisig, assignors to Motorola, Inc., Chicago, Ill. Circuit for shifting alternate fields of television rasters. 2,566,764, Sept. 4.
Fyr-Fyter Company, The, assignee: *See*—
Knoblock, James W.
Wetzel, William M., and Bork.
G & G Glove Co., assignee: *See*—
Bolton, Philip S., and Aid.
Ginsberg, Helen.
G-H Specialty Company, assignee: *See*—
Meyer, Joseph J.
Tatem, John A.
G. & J. Esplin Limited, assignee: *See*—
Bowen, Cyril F.
G. K. N. Group Services Limited, assignee: *See*—
Broscomb, Dennis G.
G-M Laboratories, Inc., assignee: *See*—
McMaster, Archie J., and Kitto.
G. W. B. Electric Furnaces Limited, assignee: *See*—
Tatem, John A., and Head.
Gabbey, Eric G. D., Edgware, England. Gauge for measuring or checking the effective diameters of screw threads. 2,555,964, June 5.
Gabel, Charles, Hawkeye, Iowa. Dustpan. 2,544,014, Mar. 6.
Gabel, Joseph W., Somerville, and G. L. Buc, West Orange, N. J., assignors to American Cyanamid Company, New York, N. Y. Ultraviolet spectrophotometer. 2,540,780, Feb. 6.
Gabel, Nils, Stockholm, Sweden. Winch construction. 2,545,613, Mar. 20.
Gabler, Raymond T., Inglewood, Calif., and W. Altar, Pittsburgh, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Amplitude modulation of microwaves. 2,545,994, Mar. 20.
Gabo, Naum, Woodbury, Conn. Building construction unit. 2,549,189, Apr. 17.
Gaboff, Benjamin, assignee: *See*—
Eisenberg, Harry, Allan, and Roseman.
Gabor, William, Milton, Mass. Artificial fish bait. 2,572,608, Oct. 23.
Gabriel, Adam, River Forest, assignor, by mesne assignments, to Acme Industrial Hydraulics, Inc., Chicago, Ill. Pump. 2,543,624, Feb. 27.
Gabriel, Charles P., and R. T. Marette, Cleveland, assignors to The Aro Equipment Corporation, Bryan, Ohio. Hydraulic control valve. 2,552,848, May 15.
Gabriel Company, The, assignee: *See*—
Finke, Theodore R., Stewart, and Finneburgh, Jr.
Friedberg, Milton R.
Friedberg, Milton R., and Finke.
Patriquin, William G.
Soos, Joseph.
Trebules, Victor, and Robertson, Jr.
Gabriel, John, Camden, N. J. Fish scaler. 2,557,272, June 19.
Gabriel, Joseph A., Rocky River, Ohio. Magazine type safety razor. 2,576,588, Nov. 27.
Gabriel, Joseph A., Rocky River, Ohio. Blade magazine for razors. 2,576,589, Nov. 27.
Gabriel Steel Company, assignee: *See*—
Donald, Archibald.
Gabrielli, Ernesto, Milano, Italy. System of getter protection in high vacuum tubes. 2,536,879, Jan. 2.
Gabrielsen, Christian, assignor to Rowe Manufacturing Co., Inc., Whippany, N. J. Coin-controlled electrical vending machine. 2,546,690, Mar. 27.
Gabrielsen, Christian, and H. Vorperian, assignors to Rowe Manufacturing Co., Inc., Whippany, N. J. Automatic merchandising machine. 2,565,766, Aug. 28.
Gabrielson, Arthur A., Minneapolis, Minn. Grass distributing device for lawn mowers. 2,570,541, Oct. 9.
Gabrielson, Samuel, South Lynnfield, and E. E. Lynch, Wakefield, Mass, assignors to General Electric Company. Gyro indicator construction. 2,553,309, May 15.
Gabrielson, Samuel I., Southport, Conn., assignor to General Electric Company. Release and reset mechanism for clothes wringers. 2,544,309, Mar. 6.
Gabrielson, Samuel I., Southport, Conn., assignor to General Electric Company. Unitary control for washing machine agitators and pumps. 2,554,183, May 22.
Gabrielson, Samuel I., Southport, Conn., assignor to General Electric Company. Clothes wringer control mechanism of the instinctive release type. 2,561,195, July 17.
Gabrielson, Samuel I., Southport, Conn., assignor to General Electric Company. Reversing flume mechanism for clothes wringers. 2,578,417, Dec. 11.
Gaby, Philip P., Oakland, assignor, by mesne assignments, to California Research Corporation, San Francisco, Calif. Method and apparatus for seismic underwater prospecting. 2,561,309, July 17.
Gacey, George J.: *See*—
Collins, Charles P., Gacey, Marston, Morris, and Trumbo.
Gachet, Paul, Vincennes, and P. J. A. de Montgremier, Vanves, assignors to Yves Rocard, Paris, France. Magnetic amplifier. 2,552,952, May 15.
Gadd, Edward T., assignor of one-half to T. B. Mickelson, Brooklyn, N. Y. Apparatus for trimming molded articles. 2,561,356, July 24.
Gadda, J. Alvin, Ashland, Wis. Deposit, collection, and dispensing receptacle. 2,555,738, June 5.
Gadden, Edward C., Los Angeles, Calif. Apparatus for scorching and preshrinking mats. 2,542,654, Feb. 20.
Gaddini, Norman E., Winters, Calif. Ice-cream freezer. 2,541,814, Feb. 13.
Gaddis, Gene T., assignor to Minneapolis-Honeywell Regulating Company, Minneapolis, Minn. Temperature control apparatus. 2,574,383, Nov. 6.
Gaddis, Roy C., Cedar Rapids, Iowa. Self-unloading vehicle. 2,552,953, May 15.
Gadeberg, Burnett L., Berkeley, Calif. Increasing lateral stability of aircraft. 2,562,905, Aug. 7.
Gadomski, Walter, Thompsonville, Conn. Fabric clasp construction. 2,559,293, July 3.
Gaebel, Arthur H., Larchmont, N. Y. Half-tone screen determiner. 2,559,915, July 10.
Gaede, John E., Trochu, Alberta, Canada, assignor to Geophysical Service, Inc., Dallas, Tex. Device for comparing traces on seismic records. 2,550,238, Apr. 24.
Gaeke, Lee B.: *See*—
Hough, Cass S., Wesley, Scalingi, and Gaeke.
Gaertner, Charles K.: *See*—
Paine, George R., Fredrick, and Gaertner.
Gaerttner, Erwin R., Belmont, Mass., assignor, by mesne assignments, to the United States of America as represented by the Secretary of War. Radio responder beacon system. 2,543,454. Feb. 27.
Gaetz, Kenneth M., Stewartsville, Minn. Waterproof overshoe having looped counter strap. 2,571,437, Oct. 16.
Gaffield, Eli W., Washington, D. C., assignor of fifty per cent to R. N. Matson, Silver Spring, Md. Illuminated earring. 2,546,945, Mar. 27.
Gaffin, Harry, assignor to The A. P. Smith Manufacturing Company, East Orange, N. J. Gasketed joint. 2,543,963, Mar. 6.
Gaffney, Francis J., Malverne, and H. A. Finke, assignors to Polytechnic Research and Development Company Incorporated, Brooklyn, N. Y. Selective signaling system. 2,553,910, May 22.
Gaffney, Francis J., Woburn, and W. O. Reed, East Walpole, Mass., assignors, by mesne assignments, to the United States of America as represented by the Secretary of War. Pulse generator system. 2,564,000, Aug. 14.
Gaffney, James F., Steelton, Pa. Radio support for repair operations. 2,567,996, Sept. 18.
Gagan, Raymond J.: *See*—
Peters, Herbert W., Crossley, and Gagan.
Gage, Frank H.: *See*—
Bendersky, David, Gage, and Yocum.

Gage, George S., Jr.: *See*—
Robinson, George B., and Gage.
Gage Products Company, assignee: *See*—
Brewer, George E. F.
Gagin, Lawrence V.: *See*—
Black, Harold R., and Gagin.
Gagnaire, François, Lyon, France. Signal transmitting device for vehicles. 2,578,347, Dec. 11.
Gagnan, Emile, Montreal, Quebec, Canada. Dry shaver. 2,549,591, Apr. 17.
Gagne, Arthur L., assignor to Space Calculator System, San Francisco, Calif. Composer's stick. 2,557,821, June 19.
Gagnebin, Albert P.: *See*—
Millis, Keith D., Gagnebin, and Pilling.
Gagnebin, Albert P., Red Bank, and W. M. Spear, Elizabeth, N. J., assignors to The International Nickel Company, Inc., New York, N. Y. Gray cast iron. 2,542,655, Feb. 20.
Gagnebin, Albert P., Red Bank, and K. D. Millis, Rahway, N. J., assignors to The International Nickel Company, Inc., New York, N. Y. Magnesium-treated malleable iron. 2,578,794, Dec. 18.
Gagnier, Charles E., Manhattan Beach, and J. Maxian, Jr., Los Angeles, Calif, assignors to North American Aviation, Inc. Directional circuit protector. 2,557,424, June 14.
Gagnier, George E., Detroit, Mich. Spring construction. 2,567,330, Sept. 11.
Gagnon, Herbert J., Flint, Mich. Sectional oar. 2,566,023, Aug. 28.
Gagnon, Louis L., assignor to American Optical Company, Southbridge, Mass. Ophthalmic mounting. 2,553,181, May 15.
Gagnon, Louis L., assignor to American Optical Company, Southbridge, Mass. Ophthalmologist's pliers. 2,570,106, Oct. 2.
Gahagan, Carl D., Los Angeles, Calif., assignor, by mesne assignments, to Dictaphone Corporation, New York, N. Y. Phonograph mechanism. 2,561,466, July 24.
Gahagan, Cloy, Darlington, Md. Switch operated by float actuating mechanism. 2,536,273, Jan. 2.
Gahagan, Orren M., Dallas, Tex. Combination breakout and spinning in apparatus having an axially engageable friction clutch. 2,537,403, Jan. 9.
Gahagan, Orren M., Dallas, Tex. Control mechanism for automatic catheads. 2,556,267, June 12.
Gaidos, Alonzo F., Redwood City, Calif. Fire control mechanism. 2,549,797, Apr. 24.
Gaillard, Tacitus W., Baldwin, N. Y. Tool post. 2,571,559, Oct. 16.
Gaines, Frank E., Alhambra, assignor to Aerol Co. Inc., Los Angeles, Calif. Separable rim for pneumatic tires. 2,563,715, Aug. 7.
Gaines, John R.: *See*—
Rasaka, Lawrence J., and Gaines.
Gaines, Walter S., Bainbridge Township, Geauga County, assignor to The S. K. Wellman Company, Cleveland, Ohio. Mechanism for spreading powdered material. 2,552,954, May 15.
Gaiptman, Arnold L., New York, N. Y. Apparatus for regulating air pressure in automobile tires. 2,577,458, Dec. 4.
Gair, Robert, Company, Inc., assignee: *See*—
Benoit, Leon, and Vahle.
Fettinger, John G.
Troth, John S., and Bright.
Weiss, Arthur J.
Gaire, Paul F., Manasquan, N. J. Magnifying runner for slide rules. 2 556,806, June 12.
Gaiser, Romey A., and J. H. Boicey, assignors to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Laminated glass structure. 2,552,955, May 15.
Gaiser, Romey A., Toledo, and J. W. McAuley, Perrysburg, assignors to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Applying electrically conducting coatings to vitreous bases. 2,567,331, Sept. 11.
Gait, Arthur W. W., Eastcote, and C. W. Tapping, Ewell, England, assignors to The M-O Valve Company, Limited. Apparatus for coating indirectly heated cathodes. 2,578,418, Dec. 11.
Gajewski, Ferdinand J.: *See*—
Ayo, Jackson Y., and Gajewski.
Ayo, Jackson J., Gajewski, and Sanders.
Gakenheimer, Walter C., Westfield, assignor to Merck & Co., Inc., Rahway, N. J. Water-soluble sulfaquinoxaline tablet. 2,538,092, Jan. 16.
Gakenheimer, Walter C., Westfield, assignor to Merck & Co., Inc., Rahway, N. J. Granulation process. 2,540,253, Feb. 6.
Galbraith, Fred, New York, N. Y. Combined ironing board cover and iron pad. 2,565,302, Aug. 21.
Galbraith, Melvin H.: *See*—
Hyler, Loiell L., and Galbraith.
Galbrecht, Frank I.: *See*—
Sabel, Edward R., and Galbrecht.
Gale, Alvin D., Beachwood Village, Ohio. Rear windshield. 2,573,789, Nov. 6.
Gale, Shirley I.: *See*—
Hill, Alfred G., and Gale.
Galentin, H. E., assignee: *See*—
Norris, Raymond C., and Price.
Galeone, William, Livonia Township, Wayne County, Mich., assignor to Office Products, Inc. Removable label holder for books. 2,539,069, Jan. 23.
Galeski, Joseph S., assignor to Galeski Laboratory, Inc., Richmond, Va. Artificial eye and forming the same. 2,563,462, Aug. 7.
Galeski Laboratory, Inc., assignee: *See*—
Galeski, Joseph S.
Galik, Frank A., North Tarrytown, N. Y. Deflector for automobile windows. 2,570,337, Oct. 9.
Galion Metallic Vault Company, The, assignee: *See*—
Biszantz, Fred.
Galitz, Robert J., Skokie, assignor to Oak Mfg. Co., Chicago, Ill. Electrical apparatus. 2,558,482, June 26.
Galitzenstein, Eugen G., Wallington, and C. Woolf, London, England, assignors to The Distillers Company, Limited, Edinburgh, Scotland. Manufacture of chlorinated derivatives of alpha-chloroethylbenzene. 2,573,394, Oct. 30.
Gall, Bernardus O. M.: *See*—
Jonker, Johan L. H., and Gall.
Gall, Bernardus O. M., Eindhoven, Netherlands, assignor, by mesne assignments, to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Indirectly heated cathode. 2,542,656, Feb. 20.
Gall, Bernardus O. M., Eindhoven, Netherlands, assignor to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Indirectly heated cathode. 2,542,657, Feb. 20.
Gall, Charles C., Richmond Hill, assignor to The Western Union Telegraph Company, New York, N. Y. Mechanism for regulating synchronizing impulse transmissions. 2,577,415, Dec. 4.
Gall, George R., Cleveland, Ohio. Window. 2,580,166, Dec. 25.
Gall, James E., Washington, D. C. Bearing angle indicator for plan position indicators. 2,540,110, Feb. 6.
Gall, John F., Narberth, assignor to The Pennsylvania Salt Manufacturing Company, Philadelphia, Pa. Lubricating means resistant to chemical attack. 2,548,471, Apr. 10.
Gall, John F., Narberth, assignor to The Pennsylvania Salt Manufacturing Company, Philadelphia, Pa. Production of sulfur hexafluoride. 2,555,739, June 5.
Gall, John F., Narberth, Pa., assignor to The Pennsylvania Salt Manufacturing Company, Philadelphia, Pa. Packing structure. 2,571,560, Oct. 16.
Galla, Stephen J.: *See*—
Hibbard, Thomas L., and Galla.
Galla, Stephen J., Detroit, assignor to Ford Motor Company, Dearborn, Mich. Vehicle window screen. 2,568,800, Sept. 25.
Gallagher, Alton H., East Bridgewater, Mass. Frame to receive glass or the like. 2,562,489, July 31.
Gallagher, Bernard S.: *See*—
Emmons, William J., and Gallagher.
Gallagher, Charles E.: *See*—
Bratthauer, Clifford C., Gallagher, and Clewell.
Gallagher, Harry U., Chicago, Ill. Abrasive device. 2,570,107, Oct. 2.
Gallagher, Jack W., Toledo, Ohio. Combined cord reel and stand for electric irons. 2,537,524, Jan. 9.
Gallagher, John J., Denver, Colo., assignor, by mesne assignments, to Poor & Company, Chicago, Ill. Rail anchor. 2,549,447, Apr. 17.
Gallagher, Robert T., Bethlehem, Pa., C. G. Brennecke, Raleigh, N. C., and R. D. Currie, Trucksville, Pa., assignors to General Reinsurance Corporation, New York, N. Y. Mine roof testing. 2,549,076, Apr. 17.
Gallagher, Thomas F., Flushing, N. Y., and T. H. Kritchevsky, Chicago, Ill., assignors to Research Corporation, New York, N. Y. Production of 17-hydroxy 20-keto steroid compounds. 2,562,030, July 24.
Gallagher, William, Sheffield, assignor to Knox Glass Associates, Inc., Knox, Pa. Vacuum seal finish and closure for jars. 2,551,937, May 8.
Gallagher, William P., assignor to International Register Company, Chicago, Ill. Clutch construction. 2,564,103, Aug. 14.
Gallagher, William P., and P. G. Bielik, assignors to International Register Company, Chicago, Ill. Interval timer. 2,568,122, Sept. 18.
Gallaher, Fred B., Wichita, Kans. Open-top mailbox with sliding receptacle engaging cover. 2,552,628, May 15.
Galland, Charles, Fall River, Mass. Shuttle binder. 2,544,015, Mar. 6.
Gallasch, Bernhardt G.: *See*—
Kurtz, John C., and Gallasch.
Gallaugher, Francis V., Lake Charles, La. Multiple compartment refrigerator. 2,572,715, Oct. 23.
Gallaway, Roy L., Laurel, Miss., assignor to The Texas Company, New York, N. Y. Seismic survey system for submerged areas. 2,572,255, Oct. 23.
Gallaway, William S.: *See*—
Murray, Maurice J., and Gallaway.
Galleher, Louis C.: *See*—
Harrison, William R., Kilpatrick, Zimmermann, Sproul, and Galleher.
Gallick, Michael S., Binghamton, assignor to General Aniline & Film Corporation, New York, N. Y. Adjustable nozzle. 2,568,492, Sept. 18.
Gallimore, Keith F., assignor to Giddings & Lewis Machine Tool Company, Fond du Lac, Wis. Machine tool. 2,577,517, Dec. 4.

Gallinger, Clyde T., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Fabric conveying apparatus. 2,579,563, Dec. 25.
Gallinger, Clyde T., Wilmington, Del., and W. R. Huey, Swarthmore, Pa., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Treatment of molten metals. 2,536,362, Jan. 2.
Gallo, Conrad, Brooklyn, N. Y. Adjustable festoon. 2,547,697, Apr. 3.
Gallo, Elia A., Englewood, and W. F. Meyers, Demarest, N. J., assignors to Wright Aeronautical Corporation. Torque meter. 2,562,710, July 31.
Gallo, John, Newburgh, N. Y. Lady's handbag. 2,555,122, May 29.
Gallo, S. George, Roselle, and H. V. Hartvigsen, Scotch Plains, N. J., assignors to Standard Oil Development Company. Countercurrent extraction tower. 2,562,783, July 31.
Gallot, Charles, Milwaukee, and A. G. Olscheske, West Allis, Wis. Soft tire indicator. 2,570,108, Oct. 2.
Galloway, Arthur L.: *See*—
Arnold, Robert B., and Galloway.
Galloway, Charles D., Wyndmoor, Pa., assignor to The Electric Storage Battery Company. Apparatus for casting connecting straps on battery terminal lugs. 2,542,503, Feb. 20.
Galloway, Edwin J., assignor to Neenah Milk Products Company, Neenah, Wis. Strainer. 2,572,131, Oct. 23.
Galloway, Frederick M., Langhorne, assignor to Quaker Rubber Corporation, Philadelphia, Pa. Apparatus for making multiple ply extruded hose. 2,574,555, Nov. 13.
Gallsworthy, Benjamin, Glenham, assignor, by mesne assignments, to The Texas Company, New York, N. Y. Mineral lubricating oil containing chlorinated hydrocarbons. 2,558,079, June 26.
Galper, Isa: *See*—
Cohen, Harold W., and Galper.
Galper, Isa, assignor to Bee Bee Shoe Co., Manchester, N. H. Automatic sole laying press. 2,543,771, Mar. 6.
Galper, Samuel, Jamaica, N. Y. Television antenna. 2,551,664, May 8.
Galson, Henry L., assignor to Carrier Corporation, Syracuse, N. Y. Adsorption system. 2,541,694, Feb. 13.
Galstaun, Lionel S., San Francisco, and E. R. Keever, Martinez, assignors to Tide Water Associated Oil Company, San Francisco, Calif. Reflux ratio control. 2,556,752, June 12.
Galstaun, Lionel S., San Francisco, and E. R. Keever, Martinez, assignors to Tide Water Associated Oil Company, San Francisco, Calif. Electronic switching system. 2,556,753, June 12.
Galvao, Joseph A. C., New York, N. Y. Motor operated shaving device. 2,574,472, Nov. 13.
Gamache, Homer, assignor of one-fourth to A. Johnson, one-fourth to P. Antonioli, and one-fourth to F. Antonioli, Butte, Mont. Suspension device for drying stockings. 2,541,349, Feb. 13.
Gambetta, Emmanuel L., Saint-Mande, France, assignor to G. Grell, New York, N. Y. Apparatus for measuring electrochemical potentials. 2,560,857, July 17.
Gambill, William M., Abilene, Tex. Casting lure. 2,546,437, Mar. 27.
Gambill, William M., Abilene, Tex. Fish lure. 2,570,338, Oct. 9.
Gamble, Bessie B., Clovis, N. Mex. Bath brush. 2,576,338, Nov. 27.
Gamble, Charles B., Birmingham, Ala. Gas purifier. 2,550,463, Apr. 24.
Gamble, Harold R., assignor to The De Vilbiss Company, Toledo, Ohio Compressor. 2,576,876, Nov. 27.
Gamble, Hugh A., assignor of one-half to W. B. Smith, Greenville, Miss. Cotton picker. 2,540,046, Jan. 30.
Gamble, Jaye S., and L. Stewart, McKeesport, Pa., assignors to National Tube Company. Stock charging tray. 2,541,866, Feb. 13.
Gamble, Le Roy S., Nutley, N. J. Window seat. 2,539,126, Jan. 23.
Gamble, Ralph M., assignor to Jones & Lamson Machine Company, Springfield, Vt. Gripper transfer device. 2,554,699, May 29.
Gamble, Ralph M., assignor to Jones & Lamson Machine Company, Springfield, Vt. Turret lathe. 2,562,266, July 31.
Gamble, Ralph M., assignor to Jones & Lamson Machine Company, Springfield, Vt. Transfer mechanism. 2,570,660, Oct. 9.
Gambrill, Richard D., Baltimore, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Cutter. 2,559,866, July 10.
Gammell, Robert M., Spokane, Wash. Safety elevator. 2,545,457, Mar. 20.
Gammeter, John R., Akron, Ohio, assignor to The B. F. Manufacturing Co., Cleveland, Ohio. Actuating and parking mechanism for windshield wipers. 2,570,109, Oct. 2.
Gampp, George E.: *See*—
Allen, Howard G., and Gampp.
Gamrath, Harry R., St. Louis, and J. K. Craver, Webster Groves, assignors to Monsanto Chemical Company, St. Louis, Mo. Compositions comprising a polymerized vinyl chloride resin plasticized with monoalkyl diaryl phosphate esters. 2,557,089, June 19.
Gamrath, Harry R., St. Louis, and J. K. Craver, Webster Groves, assignors to Monsanto Chemical Company, St. Louis, Mo. Composition comprising a polymerized vinyl chloride resin plasticized with monoalkoxyethyl diaryl phosphate esters. 2,557,090, June 19.
Gamrath, Harry R., St. Louis, and W. E. Weesner, Webster Groves, assignors to Monsanto Chemical Company, St. Louis, Mo. Plasticized polyvinyl chloride compositions. 2,557,091, June 19.
Gamson, Bernard W., assignor to Great Lakes Carbon Corporation, Morton Grove, Ill. High-sulfur carbonaceous compositions. 2,539,187, Jan. 23.
Gamson, Bernard W., Chicago, assignor to Great Lakes Carbon Corporation, Morton Grove, Ill. Carbon disulfide process. 2,556,176, June 12.
Gamson, Bernard W., assignor to Great Lakes Carbon Corporation, Morton Grove, Ill. Production of carbon disulfide. 2,556,177, June 12.
Gamson, Bernard W., assignor to Great Lakes Carbon Corporation, Morton Grove, Ill. Production of carbon disulfide. 2,556,178, June 12.
Gamson, Bernard W., assignor to Great Lakes Carbon Corporation, Morton Grove, Ill. Producing carbon, sulfur, and hydrogen compositions. 2,569,095, Sept. 25.
Gamson, Bernard W., and R. H. Elkins, Chicago, assignors to Great Lakes Carbon Corporation, Morton Grove, Ill. Sulfochlorohydrocarbons and making them. 2,539,188, Jan. 23.
Gamundi, Reynold F., Mayfield Heights, assignor to Eaton Goodrich Company, New York, N. Y. Valvular device for fluid-injecting golf ball centers. 2,570,787, Oct. 9.
Gandhi, Manmohandas V., Bombay, India. Bag for medical and hygienic purposes. 2,548,359, Apr. 10.
Gandrud, Ebenhard S., Owatonna, Minn. Axle construction for fertilizer spreaders. 2,558,352, June 26.
Gandrud, Ebenhard S., Owatonna, Minn. Mounting frame for fertilizer spreaders and the like. 2,563,165, Aug. 7.
Gang, Herman, Livingston, assignor to Monroe Calculating Machine Company, Orange, N. J. Operation control means. 2,572,920, Oct. 30.
Gang, Herman, Livingston, assignor to Monroe Calculating Machine Company, Orange, N. J. Operation control means. 2,572,921, Oct. 30.
Gang, Herman, Livingston, assignor to Monroe Calculating Machine Company, Orange, N. J. Stopping means for calculating machines. 2,572,922, Oct. 30.
Ganger, Jesse R.: *See*—
Davidson, John T., Ganger, Crawford, and Sadgebury.
Gangewere, Ray O., Wadsworth, Ohio, assignor to The Babcock & Wilcox Company, Rockleigh, N. J. Spraying apparatus. 2,541,695, Feb. 13.
Gangbin, Irol G., assignor to Spectrolite, Fresno, Calif. Combined incandescent and circular fluorescent lighting unit. 2,538,681, Jan. 16.
Ganley, Gregory J., Fort Wayne, Ind., assignor to General Electric Company. Electrical terminal board. 2,551,259, May 1.
Gannaway, Robertson R., Oak Park, assignor to Belmont Radio Corporation, Chicago, Ill. High-voltage power supply. 2,546,591, Mar. 27.
Gannaway, Robertson R., Oak Park, assignor to Belmont Radio Corporation, Chicago, Ill. Three-dimensional display. 2,578,970, Dec. 18.
Gannett, Danforth K., Mountain Lakes, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Television noise measuring technique and apparatus. 2,578,348, Dec. 11.
Gannett, Wright K.: *See*—
Mast, Gifford M., and Gannett.
Gannett, Wright K., and G. M. Mast, Davenport, assignors to Le Febure Corporation, Cedar Rapids, Iowa. Vertically adjustable table for office appliances. 2,545,515, Mar. 20.
Gannon, John J., Troy, J. J. Fiscella, Menands, and C. P. Powell, Waterford, and T. A. Bramfitt, Watervliet, assignors to Cluett, Peabody and Company, Inc., Troy, N. Y. Apparatus for twisting and winding textile fibers. 2,558,677, June 26.
Gannon, Roy C., Rivera, Calif. Combination earth scraper and scarifier. 2,578,131, Dec. 11.
Gannone, Anthony S., Bound Brook, N. J., assignor to Research Corporation, New York, N. Y. Rapper for electrical precipitation apparatus. 2,547,573, Apr. 3.
Ganter, Francis X., Los Angeles, Calif. Drape rod supporting means. 2,549,448, Apr. 17.
Ganter, Francis X., Los Angeles, Calif. Tilting means for Venetian blinds. 2,552,956, May 15.
Ganter, Francis X., Los Angeles, Calif. Window drape rod and hanging means. 2,564,891, Aug. 21.
Gantner, Emil, Zurich, Switzerland. Making a shaving aid. 2,548,891, Apr. 17.
Gantner, Frederick, J. J. Klosterman, deceased, by M. Klosterman, executrix, and J. B. Geers, deceased, Dayton, by J. H. More, administrator, Cincinnati, assignors to The National Cash Register Company, Dayton, Ohio. Differential type setting means. 2,540,198, Feb. 6.
Gantz, Marvin E., Cleveland, Ohio., assignor to Aluminum Company of America, Pittsburgh, Pa. Production of magnesium castings. 2,540,366, Feb. 6.
Ganz, Henry, West Englewood, N. J., assignor to Personal Products Corporation. Sanitary products. 2,566,325, Sept. 4.

Ganz, Louis, Lynbrook, N. Y. Garment fastening means. 2,549,592, Apr. 17.
Ganz, Milton, New York, N. Y. Coupling for dentists' drill handpiece detachable spray nozzle structures. 2,557,377, June 19.
Ganz, William, Teaneck, N. J., assignor to Johnson & Johnson. Machine for making cotton tipped applicators. 2,576,068, Nov. 20.
Ganze, Ronald A., Marion, assignor to Comstock Canning Corporation, Newark, N. Y. Paring head for apple paring machines. 2,550,800, May 1.
Ganzer, John H., assignor to The Coolerator Company, Duluth, Minn. Storage and display cabinet. 2,540,940, Feb. 6.
Gapinski, Victor S., Buffalo, N. Y. Device for decorating cakes. 2,569,886, Oct. 2.
Garay, Arnold, New York, N. Y. Belt buckle. 2,538,938, Jan. 23.
Garay V., Luis J., Lima, Peru. Checking device. 2,543,492, Feb. 27.
Garancher, Marcel, assignor to Stewart-Warner Corporation, Chicago, Ill. Portable lubricant pressure pump. 2,563,716, Aug. 7.
Garand, John C., Springfield, Mass. Mounting of grenade launcher on firearm with stabilizer. 2,564,684, Aug. 21.
Garand, John C., Springfield, Mass., assignor to the United of America as represented by the Secretary of War. Receiver and bolt mechanism for firearms. 2,567,198, Sept. 11.
Garbarini, Robert F., Woodside, N. Y. assignor to The Sperry Corporation. Force-ratio measuring and computing device. 2,557,092, June 19.
Garbarino, Harold L., Pittsfield, Mass., assignor to General Electric Company. Magnetic core joint construction for noise reduction. 2,565,303, Aug. 21.
Garbarino, Nicholas F., Los Angeles, Calif. Blade sharpener. 2,557,093, June 19.
Garbell, Maurice A., Inc., assignee: *See*—
Garbell, Maurice A.
Garbell, Maurice A., assignor of one-fourth to Maurice A. Garbell, Inc., and three-fourths to Garbell Research Foundation, San Francisco, Calif. Fluid-dynamic stabilizer and damper. 2,573,562, Oct. 30.
Garbell, Max, Los Angeles, Calif., assignor to Royal Typewriter Company, Inc., New York, N. Y. Selector mechanism for registering computing machines. 2,542,658, Feb. 20.
Garbell Research Foundation, assignee: *See*—
Garbell, Maurice A.
Garber, Charles, Providence, R. I. Safety pin. 2,580,087 Dec. 25.
Garber, Clark A., St. Paris, Ohio. Seeder attachment for tractors. 2,560,431, July 10.
Garber, John D.: *See*—
Sparks, William J., and Garber.
Sparks, William J., Young, and Garber.
Young, David W., Garber, and Sparks.
Garber, John D., Cranford, N. J., assignor to Standard Oil Development Company. Isobutylene-p-chlorostyrene-styrene tripolymer. 2,557,094, June 19.
Garber, John D., Cranford, N. J., assignor to Standard Oil Development Company. Friedel-Crafts treatment of unsaturated polymers. 2,560,164, July 10.
Garber, John D., Cranford, D. W. Young, Roselle, and W. J. Sparks, Cranford, N. J., assignors to Standard Oil Development Company. Nitration derivatives of hydrocarbon copolymers. 2,539,824, Jan. 30.
Garber, John D., Cranford, W. J. Sparks, Westfield, and D. W. Young, Roselle, N. J., assignors to Standard Oil Development Company. Preparing resins from diosobutylene and cracked petroleum condensates. 2,559,498, July 3.
Garber, John D., Cranford, and D. W. Young, Roselle, N. J., assignors to Standard Oil Development Company. Preparation of an improved hydrocarbon resin. 2,565,960, Aug. 28.
Garber, William, Schenectady, N. Y., assignor to General Electric Company. End cap for fluid fuel combustors. 2,555,865, June 5.
Garber, Woodward, Cincinnati, Ohio. Knockdown furniture. 2,540,254, Feb. 6.
Garbett, Charles R.: *See*—
Streid, Dale D., and Garbett.
Garbin, Albert J., Cuyahoga Falls, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Manufacture of endless V belts. 2,569,303, Sept. 25.
Garbo, Paul W., Freeport, assignor to Hydrocarbon Research, Inc., New York, N. Y. Continuous method of producing oxygen involving the use of a thermophore and the purging thereof. 2,537,044, Jan. 9.
Garbo, Paul W., Freeport, assignor to Hydrocarbon Research, Inc., New York, N. Y. Cooling gases containing condensable material. 2,537,045, Jan. 9.
Garbo, Paul W., Freeport, assignor to Hydrocarbon Research, Inc., New York, N. Y. Process for producing oxygen by the liquefaction and rectification of air. 2,537,046, Jan. 9.
Garbo, Paul W., Freeport, assignor to Hydrocarbon Research, Inc., New York, N. Y. Process and apparatus for the synthesis of hydrocarbons. 2,539,415, Jan. 30.
Garbo, Paul W., Freeport, assignor to Hydrocarbon Research, Inc., New York, N. Y. Synthesis of hydrocarbons in the presence of a fluid phase catalyst. 2,576,931, Dec. 4.
Garbo, Paul W., Freeport, assignor to Hydrocarbon Research, Inc., New York, N. Y. Prevention of erosion by moving solids. 2,578,003, Dec. 11.
Garbo, Paul W., Freeport, and E. W. Riblett, Tenafly, N. J., assignors to Hydrocarbon Research, Inc., New York, N. Y. Stagewise process for the hydrogenation of carbon monoxide. 2,567,932, Sept. 18.
Garcia, Salvador G., Swansea, assignor to N. M. Zalkind, Fall River, Mass. Automatic trimmer foot. 2,558,353, June 26.
Gard, Jesse J., trustee, assignee: *See*—
Barnes, Ralph G.
Gardedieu, Jean L. R.: *See*—
Durr, André H. V., Wendling, and Gardedieu.
Garden, Henry B., Paoli, and H. J. McDermott, Collingdale, Pa., assignors to American Viscose Corporation, Wilmington, Del. Cone holder for creels. 2,546,301, Mar. 27.
Garden City Plating & Manufacturing Co., assignee: *See*—
Kurtzon, Charles K.
Kurtzon, George B.
Gardenhour, Allen J., Waynesboro, Pa. Electric ant and roach trap. 2,558,080, June 26.
Gardenhour, Allen J., Waynesboro, Pa. Football sled with signals. 2,558,081, June 26.
Gardenier, Clyde B., Belleville, assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Method and apparatus for vaporizing anesthetizing liquids. 2,549,593, Apr. 17.
Gardepe, Morris A., Dover, N. J., assignor to Sun Chemical Corporation, New York, N. Y. Flushed methyl violet inks. 2,567,281, Sept. 11.
Gardère, Henri, and S. Talmasky, assignors to Compagnie Industrielle des Telephones, Paris, France. Oscillation generator for frequency-modulation transmission systems. 2,558,214, June 26.
Gardes, Alfred W., assignor to McCord Corporation, Detroit, Mich. Expended clip cartridge chute for machine guns. 2,568,229, Sept. 18.
Gardiner, Carl W., Short Hills, assignor to Schnefel Bros., Corporation, Newark, N. J. Container for combination of lipstick and brush. 2,552,714, May 15.
Gardiner, Cecil M., and A. Loft, Schenectady, N. Y., assignors to General Electric Company. Thermopile flame detector for combustion devices. 2,538,642, Jan. 16.
Gardiner, Donald W., Hermosa Beach, and W. W. Slater, Palos Verdes Estates, Calif. Sail and manufacture of same. 2,565,219, Aug. 21.
Gardiner, Duncan B., assignor to Vickers Incorporated, Detroit, Mich. Vent valve for power transmissions. 2,562,353, July 31.
Gardiner, Duncan B., assignor to Vickers Incorporated, Detroit, Mich. Flow control and pressure regulating device. 2,573,563, Oct. 30.
Gardiner, Duncan B., Detroit, and E. A. Viale, Birmingham, assignors to Vickers Incorporated, Detroit, Mich. Pressure operated switch. 2,536,735, Jan. 2.
Gardiner, Duncan B., Detroit, E. F. Klessig, Berkley, and J. F. Jeannin, assignors to Vickers Incorporated, Detroit, Mich. Power transmission. 2,544,987, Mar. 13.
Gardiner, Duncan B., Detroit, E. F. Klessig, Berkley, and A. Keel, Highland Park, assignors to Vickers Incorporated, Detroit, Mich. Power transmission. 2,544,988, Mar. 13.
Gardiner, Duncan B., Detroit, and B. L. Readman, Pontiac, assignors to Vickers Incorporated, Detroit, Mich. Power transmission. 2,545,077, Mar. 13.
Gardiner, Duncan B., Detroit, and E. F. Klessig, Berkley, assignors to Vickers Incorporated, Detroit, Mich. Relief valve. 2,578,795, Dec. 18.
Gardiner, Emmett G., Erie, Pa., assignor to General Electric Company. Thrust bearing arrangement. 2,552,166, May 8.
Gardiner, James F., assignee: *See*—
Chadil, Robins L., and Hoffer.
Gardiner, Lawrence J., Bridgeport, Conn. Dispensing cap for collapsible tubes, having spring-biased outlet element actuated by pressure of tube contents. 2,572,466, Oct. 23.
Gardiner, Neil W., Great Auclum, Burghfield Common, England. Hydrofoil boat. 2,576,716, Nov. 27.
Gardiner, Paul C., Scotia, and C. W. Frick, Schenectady, N. Y., assignors to General Electric Company. High-frequency antenna structure. 2,547,637, Apr. 3.
Gardiner, Robert E., Richmond Heights, assignor to Majestic Manufacturing Company, St. Louis, Mo. Firebox cover lifter. 2,541,158, Feb. 13.
Gardiner, Robert E.: *See*—
Jones, Edwin A., and Gardiner.
Gardinor, Elliott W., Conklin, assignor to International Business Machines Corporation, New York, N. Y. Verifying machine. 2,547,456, Apr. 3.
Gardner, Arthur G.: *See*—
Morrogh, Henton, and Gardner.
Gardner, Bernard C., Waltham, assignor to Raytheon Manufacturing Company, Newton, Mass. Image storage tube. 2,547,638, Apr. 3.

Gardner Board and Carton Co., The, assignee: *See*—
Ringler, William A.
Worfford, Robert B.
Gardner, Charles B., Troy, N. Y. Projectile-actuated surge generator. 2,544,077, Mar. 6.
Gardner, Charles E., Hollis, N. Y., assignor to Wingfoot Corporation, Akron, Ohio. Method and apparatus for simultaneous two-way stretching of film. 2,571,355, Oct. 16.
Gardner, Clair C., Rockford, Ill. Magazine cabinet having tiltable receptacles. 2,570,054, Oct. 2.
Gardner, Clyde E., Effie, Minn. Eyeshield. 2,545,078, Mar. 13.
Gardner, Colon L., Concord, N. C. Engine muffler. 2,538,450, Jan. 16.
Gardner, Daniel, New York, N. Y. Thermal process for producing pure tantalum and columbium compounds. 2,556,912, June 12.
Gardner, Daniel, assignor to J. E. Hughes, New York, N. Y., trustee. Production of carbon by electrical discharge. 2,572,851, Oct. 30.
Gardner, Edson F., Moscow, Pa. Fluid brake system. 2,544,785, Mar. 13.
Gardner, Edwin R.: *See*—
Lynch, Edward E., and Gardner.
Gardner, Espa S., North Platte, Nebr. Clothespin. 2,540,722, Feb. 6.
Gardner, Fred W., Des Plaines, Ill. Trash burner. 2,542,920, Feb. 20.
Gardner, Frederick H., Rochester, N. Y., assignor to Stromberg-Carlson Company. Frequency response controlling means. 2,579,069, Dec. 18.
Gardner, Glenn L., and R. E. Boettcher, Bay City, Mich. Beverage dispensing device with oscillating trap chamber. 2,567,282, Sept. 11.
Gardner, Harold A., assignor to Eastman Kodak Company, Rochester, N. Y. Lamp tube for projector devices formed from two identical channel-shaped members. 2,566,185, Aug. 28.
Gardner, Harry R., Rahway, N. J., assignor to The Greif Bros. Cooperage Corporation, Cleveland, Ohio. Carboy container. 2,573,428, Oct. 30.
Gardner, Henry A., Laboratory, Inc., assignee: *See*—
Hunter, Richard S.
Gardner, Herman L., Houston, Tex. Insufflator. 2,579,113, Dec. 18.
Gardner, Irvine C., Chevy Chase, Md. Gauge. 2,546,154, Mar. 27.
Gardner, Irvine C., Chevy Chase, Md., assignor to the United States of America, as represented by the Secretary of the Army. Boresighting device. 2,573,703, Nov. 6.
Gardner, Jack C.: *See*—
Rinker, Leslie V., and Gardner.
Gardner, Jack I., Hays, Mont. Locking means for shaft keys. 2,563,166, Aug. 7.
Gardner, James M.: *See*—
Piper, Frank R., and Gardner.
Gardner, John H., Cambridge, Mass., assignor, by mesne assignments, to the United States of America as represented by the Secretary of War. Directional antenna. 2,555,123, May 29.
Gardner, John H., Wilson Borough, and J. R. Stevens, Easton, Pa., assignors to J. T. Baker Chemical Co., Phillipsburg, N. J. 8-hydroxy-1-methyl-1,2,3,4-tetrahydroquinoline dimethyl urethanes. 2,566,723, Sept. 4.
Gardner, John R., North Pekin, E. W. Landen and F. Middleton, Peoria, Ill., and C. H. Paul, Altadena, Calif., assignors to Caterpillar Tractor Co., Peoria, Ill. Engine preheater. 2,561,467, July 24.
Gardner, Lawrence H., Lakewood, Ohio. Valve. 2,543,010, Feb. 27.
Gardner, Norman S.: *See*—
Velkas, George, and Gardner.
Gardner, Paul N.: *See*—
Euverard, Maynard R., and Gardner.
Gardner, Pete F., Middletown, Ohio. Pipe layout device. 2,563,599, Aug. 7.
Gardner, Robert H., Munster, Ind., assignor to Sinclair Refining Company, New York, N. Y. Preparation of sulfurized paraffins. 2,565,493, Aug. 28.
Gardner, Robert L., assignee: *See*—
Lloyd, Roy D.
Gardner, Stephen A.: *See*—
Lindsay, Lynn G., and Gardner.
Gardner, Thomas S., Rutherford, and E. Wenis, Leonia, assignors to Hoffmann-La Roche, Inc., Nutley, N. J. Mercapto folic acid and preparing same. 2,561,658, July 24.
Gardner, William H., West Palm Beach, Fla. Diagnosis of allergies. 2,570,339, Oct. 9.
Gareis, Clarence J., assignor of fifty per cent to United Bakers, Inc., Forty Fort, Pa. Bread dough finishing machine. 2,574,636, Nov. 13.
Garelli, Adalberto, Sesto San Giovanni, Italy. Supporting system for bicycle engines. 2,574,824, Nov. 13.
Garet, Pierre: *See*—
Bessot, Leonce E., and Garet.
Garey, Albert J., San Mateo, assignor to U. S. Electrical Motors, Inc., Los Angeles, Calif. Motor drive for pump shafts. 2,564,838, Aug. 21.
Garey, Leonard H., assignor to Merit Engineering and Manufacturing Co., Los Angeles, Calif. Spray device. 2,540,663, Feb. 6.
Garfield, Harold, Forest Hills, N. Y. Pocketed display card. 2,547,078, Apr. 3.
Garfield, Lewis F., Reedville, Oreg. Live fowl holder. 2,548,013, Apr. 10.
Garfield, William L., London, England, assignor to International Standard Electric Corporation, New York, N. Y. Frequency monitoring and indicating system. 2,561,357, July 24.
Garfitt, Richard G., Sale, England. Wave guide regulator. 2,553,649, May 22.
Garfunkel, Louis X., New York, N. Y. Applying wafers to hamburger patties. 2,554,821, May 29.
Garfunkle, Morris H., Newark, N. J. Portable fire basket type of grate. 2,550,057, Apr. 24.
Garibaldi, Emanuel S., Stockton, Calif. Collapsible sawhorse. 2,544,989, Mar. 13.
Garibaldi, John A., San Francisco, K. Ijichi, Berkeley, and J. C. Lewis, Oakland, Calif., and J. McGinnis, Pullman, Wash., assignors to the United States of America as represented by the Secretary of Agriculture. Fermentation process for production of vitamin B_{12}. 2,576,932, Dec. 4.
Gariepy, Joseph, Everett, Mass. Carton. 2,542,504, Feb. 20.
Garitty, J. N., assignee: *See*—
Brown R L.
Garland, Claude B., Compton, assignor to Garland Crane Company, Long Beach, Calif. Boom for light hoisting. 2,571,858, Oct. 16.
Garland Crane Company, assignee: *See*—
Garland, Claude B.
Garland, Daniel L., Fair Lawn, and R. D. Gray, Jr., Haworth, N. J., assignors to Wright Aeronautical Corporation. Piston with plated piston ring grooves. 2,575,214, Nov. 13.
Garland, Mather, Mound, Minn. Rotary snowplow for driveways, sidewalks, etc. 2,536,166, Jan. 2.
Garlick, Gardner G.: *See*—
Bonnell, Gordon H., Bailey, and Garlick.
Garlock Packing Company, The, assignee: *See*—
Chambers, Albert M., Jr.
Chambers, Albert M., Jr., and Milligan.
Greiner, Harold F.
Hosford, Otto E.
Garman, Raymond L.: *See*—
Stafford, Jerome W., and Garman.
Garman, Raymond L., and J. K. McKendry, Pleasantville, N. Y., assignors to General Precision Laboratory Incorporated. Carbon arc feed. 2,560,165, July 10.
Garmany, William J., Jr., South Orange, N. J., assignor to Federal Telephone and Radio Corporation, New York, N. Y. Power regulator. 2,559,611, July 10.
Garner, Claude M., Clayton, Mo., assignor, by mesne assignments, to Missouri Automatic Control Corporation. Controlling pilot burner. 2,548,300, Apr. 10.
Garner, Ernest P., Charlotte, N. C. Disappearing stairway. 2,551,208, May 1.
Garner, Hobson M., assignee: *See*—
Tilson, Richard A., and Garner.
Garner, John W., Chicago, Ill. Casual wear shirt. 2,543,361, Feb. 27.
Garner, Lloyd P., Lancaster, Pa., assignor to Radio Corporation of America. Nondeforming electrode structure and electron discharge device. 2,546,184, Mar. 27.
Garner, Lloyd P., Lancaster, Pa., assignor to Radio Corporation of America. Electron tube protective system. 2,571,027, Oct. 9.
Garner, Lloyd P., and W. N. Parker, Lancaster, and W. E. Harbaugh, Bareville, Pa., assignors to Radio Corporation of America. High-frequency high-power tube. 2,544,664, Mar. 13.
Garner, Philip J.: *See*—
Airs, Raymond S., and Garner.
Hiron, Francis P., and Garner.
Garner, Philip J., Hooten, Wirral, and R. E. Bowman, Little Chalfont, England, assignors to Shell Development Company, San Francisco, Calif. Transparent urea-aldehyde type resins and producing the same. 2,572,256, Oct. 23.
Garner, Russell F.: *See*—
Weber, Victor, and Garner.
Garnich, Emil, Egg Harbor City, N. J. Machine for molding concrete blocks. 2,559,422, July 3.
Garnier, Eugenè F. G., Nice, Alpes-Maritimes, France. Servo-anemometer device. 2,537,580. Jan. 9.
Garofalo, Charles J., Brooklyn, N. Y. Sheathed hair comb. 2,559,867, July 10.
Garr, Donald E., Schenectady, N. Y., assignor to General Electric Company. Clearance control. 2,548,599, Apr. 10.
Garrahan, Thomas F., Jr., Washington, D. C. Torque limiter. 2,578,533, Dec. 11.
Garrard, Walter M., Atlanta, Ga. Dowel hole locator. 2,579,564, Dec. 25.
Garratt, Walter A., Covington, Ky., assignor to P. G. Vondersmith. Horn. 2,565,363, Aug. 21.
Garratt, Walter A., assignor to P. G. Vondersmith, Covington, Ky. Sound creating device. 2,569,713, Oct. 2.
Garretson, Davis R., Whittier, Calif. Brush chopping machine. 2,537,404, Jan. 9.
Garretson, Owen L.: *See*—
Henneman, Clarence O., and Garretson.

Garretson, Owen L., Bartlesville, Okla., assignor to Phillips Petroleum Company. Packing gland lubricator. 2,555,640, June 5.
Garretson, Owen L., Bartlesville, Okla., assignor to Phillips Petroleum Company. Liquefied gas evaporator. 2,561,506, July 24.
Garretson, Owen L., and A. W. Peck, Bartlesville, Okla., assignors to Phillips Petroleum Company. Mobile weed burner system. 2,546,592, Mar. 27.
Garrett, Bowman S.: *See*—
Epps, Ernest A., Jr., and Garrett.
Fuqua, Mack C., and Garrett.
Garrett Corporation, The, assignee: *See*—
Arthur, Robert A.
Chapman, James E., and De Haas.
Comeau, John E.
Green, Frederick H.
Mayer, Waldemar F.
Morris, Charles W.
Ramsaur, Walter R., and Jensen.
Roth, Herman P.
Garrett Corporation, Airesearch Manufacturing Company division, The, assignee: *See*—
Wood, Homer J.
Garrett, Ernest D., Shreveport, La. Saw chain. 2,558,678, June 26.
Garrett, Henry U. and C. M. Peters, Houston, Tex. Pressure responsive valve. 2,552,892, May 15.
Garrett, Henry U., and C. M. Peters, Longview, assignors to Garrett Oil Tools, Inc., Houston, Tex. Flow controller. 2,550,410, Apr. 24.
Garrett, James W.: *See*—
Hunt, Thomas B., Odom, and Garrett.
Garrett, Jesse M., Longview, Tex. Umbrella for use on boats. 2,559,421, July 3.
Garrett, John R., Aurora, Ill. Feed control attachment for torches. 2,578,132, Dec. 11.
Garrett, Loyal C.: *See*—
Jones, Frank D., Welindt, Garrett, and Hill.
Garrett, Milton J.: *See*—
Van Sittert, Paul, Garrett, and Engeln.
Garrett Oil Tools, Inc., assignee: *See*—
Garrett, Henry U., and Peters.
Garrett, Paul E., Parkersburg, W. Va., assignor to American Viscose Corporation, Wilmington, Del. Spinning compartment lock lid. 2,544,786, Mar. 13.
Garrett, Sherman S., Champaign, Ill. Apparatus for anatomical use of gas. 2,539,189, Jan. 23.
Garrison, Albert H., Edwardsville, Ill., and F. B. Rolfson, San Pablo, assignors to Shell Development Company, San Francisco, Calif. Automatic distillation apparatus. 2,577,615, Dec. 4.
Garrison, Allen D., Houston, Tex., assignor to Texaco Development Corporation, New York, N. Y. Preparing synthesis gases. 2,566,936, Sept. 4.
Garrison, Charles K., assignor to Chicago Steel Foundry Company, Chicago, Ill. Safety hook. 2,561,017, July 17.
Garrison, Charles T., Sewickley, Pa. Heat collecting and distributing plate. 2,565,726, Aug. 28.
Garrison, Clifford L., assignor to Oliver Instrument Company, Adrian, Mich. Cooling system and apparatus for abrasive wheels. 2,560,944, July 17.
Garrison, James O., assignor to Garrison Machine Works, Inc., Dayton, Ohio. Thermotest cabinet. 2,568,493, Sept. 18.
Garrison, John R.: *See*—
Garrison, Ralph P. and J. R.
Garrison Machine Works, Inc., assignee: *See*—
Garrison, James O.
Garrison, Ralph P. and J. R.
Garrison, Ralph P. and J. R., assignors to Garrison Machine Works, Inc., Dayton, Ohio. Thermally controlled grinder head. Re. 23,367, May 22.
Garrison, Vernon L., Clifton, assignor to The Okonite-Callender Cable Company, Incorporated, Paterson, N. J. Effecting cable joints. 2,571,857, Oct. 16.
Garrison, William, Jr.: *See*—
Turnham, Fitzhugh H., and Garrison.
Garrison, William E., Denton, Tex. Single trigger mechanism for double-barrel guns. 2,573,839, Nov. 6.
Garrott Brass & Machine Company, Inc., assignee: *See*—
Smith, Jopling P.
Garson, Arthur, New York, N. Y., assignor to The Lovable Brassiere Co., Atlanta, Ga. Brassière. 2,541,960, Feb. 13.
Garson, Thorvald N., Staten Island, N. Y. Device for steering outboard motor boats. 2,561,440, July 24.
Garstang, William W., Indianapolis, Ind., assignor, by mesne assignments, to Cornell-Dubilier Electric Corporation, South Plainfield, N. J. Combined radio and intercommunicating set. 2,573,257, Oct. 30.
Garstang, William W., and W. R. McFarlane, Indianapolis, Ind., assignors, by mesne assignments, to Cornell-Dubilier Electric Corporation, South Plainfield, N. J. Radio-phonograph cabinet. 2,565,304, Aug. 21.
Garth, Donald H., Chicago, Ill. Fishing lure. 2,549,077, Apr. 17.
Gartin, Elmer G., Claremont, N. H., assignor to Joy Manufacturing Company. Pressure fluid motor. 2,566,378, Sept. 4.
Gartner, Herbert R.: *See*—
Hanson, Edwin O., and Gartner.
Gartner, John H., Kentfield, assignor to S. I. Keene, San Francisco, Calif. Compression trigger. 2,551,370, May 1.
Gartner, John H., assignor to S. I. Keene, San Francisco, Calif. Hand gun cylinder control and trigger mechanism. 2,579,736, Dec. 25.
Gartner, Stanley J., Emporium, Pa., assignor to Sylvania Electric Products Inc. Glass coiling machine. 2,545,271, Mar. 13.
Gartner, Stanley J., Emporium, Pa., and A. E. Kulberg, Beverly, assignors to Sylvania Electric Products Inc., Salem, Mass. Conveyer. 2,580,222, Dec. 25.
Garutso, Inc., assignee: *See*—
Garutso, Stephen E.
Garutso, Stephen E., San Fernando, Calif., assignor to Garutso, Inc. Condensing stereoscopic lens. 2,546,995, Apr. 3.
Garutso, Stephen E., San Fernando, Calif., assignor to Garutso, Inc. Deep focus lens. 2,546,996, Apr. 3.
Garutso, Stephen E., San Fernando, Calif., assignor to Garutso, Inc. Optical objective balance assembly. 2,550,685, May 1.
Garvin, Milton: *See*—
Strauchen, David M., and Garvin.
Garwig, Glenn W., assignor to The Aetna-Standard Engineering Company, Youngstown, Ohio. Drawbench. 2,536,637, Jan. 2.
Garwig, Glenn W., assignor to The Aetna-Standard Engineering Company, Youngstown, Ohio. Draw bench carriage. 2,551,260, May 1.
Garwood, William E.: *See*—
Rutledge, Thomas F., Seger, Sachanen, and Garwood.
Seger, Francis M., Garwood, and Sachanen.
Garwood, William E., Haddonfield, F. M. Seger, Pitman, C. F. Feasley, and A. N. Sachanen, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated. Synthetic lubricants. 2,551,642, May 8.
Gary, Wright W., and R. A. Lovett, assignors to Filtrol Corporation, Los Angeles, Calif. Producing pelleted calcium oxide desiccant. 2,548,780, Apr. 10.
Gaskell, William W., Jr., Penn Township, Allegheny County, Pa. Air cooler for motor vehicles. 2,565,767, Aug. 28.
Gaspray Corp., assignee: *See*—
Dey, Anthony R.
Garubo, Angelo T., Newark, N. J. Folding door. 2,577,884, Dec. 11.
Garver, Ralph R.: *See*—
Gladfelter, Wiltie I., and Garver.
Garvey, George D., New London, Conn. Basketball net. 2,579,312, Dec. 18.
Gasair Corporation, assignee: *See*—
Heller, John K.
Gascoigne, George H., Wokingham, assignor to Gascoignes (Reading) Ltd., Berkshire, England. Appliance for stimulating the process of lactation. 2,542,505, Feb. 20.
Gascoignes (Reading) Ltd., assignee: *See*—
Gascoigne, George H.
Kingston, Jonas A.
Gasdia, Alfred E., Los Angeles, Calif. Piercing device. 2,570,055, Oct. 2.
Gash, Frederick, assigor to William Coulthard & Company Limited, Carlisle, England. Valve for fluid-pressure systems. 2,570,937, Oct. 9.
Gaskell & Chambers Limited, assignee: *See*—
Yates, John E. N., Dawson, and Meredew.
Gaskins, Alex F., N. A., and G. D., New Bern, N. C. Fire escape life reel. 2,576,755, Nov. 27.
Gaskins Gertrude D.: *See*—
Gaskins, Alex F., N. A., and G. D.
Gaskins, North A.: *See*—
Gaskins, Alex F., N. A., and G. D.
Gas Machinery Company, The, assignee: *See*—
Stookey, Kenneth W.
Gasoline Research Industrial & Commercial Company, Inc., assignee: *See*—
Labour, Jean P.
Gasoteria Corporation, assignee: *See*—
Schneckenburger, Philip M.
Gaspar, Bela, assignee: *See*—
Jennen, Jacob J., and Michaelis.
Gaspar, Bela, Beverly Hills, Calif. Color photographic material and producing same. Re. 23,357, Apr. 17.
Gaspar, Ludwig J., Jr.: *See*—
Negin, Julius A., and Gaspar.
Whittington, Roy D.
Gasper, William B., assignor to Simonds, Worden White Co., Dayton, Ohio. Relief valve. 2,540,440, Feb. 6.
Gass, Bernhard J., Washington, D. C. Exercise perch for fowl. 2,539,348, Jan. 23.
Gass, Bernhard J., Washington, D. C. Housing and training coop for chickens. 2,544,496, Mar. 6.
Gassman, Edward, New York, N. Y. Attached raising jack for motor vehicles. 2,550,239, Apr. 24.
Gastrock, Edward A.: *See*—
Vix, Henry L. E., Spadaro, Pollard, Gastrock, Persell, and Murphy.
Gately, Charles L.: *See*—
Lavorgna, Henry F., and Gately.
Gates, Andrew, Ridgefield, N. J. Pendant watchcase. 2,557,273, June 19.
Gates, Dora E.: *See*—
Wright, Mildred A., and Gates.

Gates, Franklin M., West Hartford, and H. W. Courtney, Farmington, assignors to The Smith Gates Corporation, Plainville, Conn. Thermostatic switch. 2,538,512, Jan. 16.
Gates, Frederic P., Toronto, Ontario, Canada, assignor to The Arrow-Hart & Hegman Electric Co., Hartford, Conn. Electric switch casing. 2,571,859, Oct. 16.
Gates, Frederick G., assignor to Gestetner Limited, London, England. Connecting collapsible tubes to a pump device for discharging the contents thereof. 2,575,870, Nov. 20.
Gates, Geoffrey R. G., assignor to Automotive Products Company Limited, Leamington Spa, England. Adjusting means for brakes. 2,562,354, July 31.
Gates, James E., Ashland, Ohio. Construction of insoles for shoes. 2,537,823, Jan. 9.
Gates, James T., West Alexander, assignor, by mesne assignments, to Machine Circuit Control Co., Cleveland, Ohio. Change-over control. 2,542,188, Feb. 20.
Gates, James T., and G. H. Lister, Cleveland, Ohio, and A. R. Panetta, Malden, Mass., assignors, by mesne assignments, to Machine Circuit Control Co., Cleveland, Ohio. Sequential motor operation. 2,542,189, Feb. 20.
Gates, John I., Pasadena, and W. M. Wallis, Long Beach, assignors to Shell Development Company, San Francisco, Calif. Emulsion fluid for drilling wells. 2,557,647, June 19.
Gates, John W., Jr.: *See*—
Damschroder, Rudolph E., and Gates.
Gates, Lee, El Cerrito, Calif. Material conveying shovel boom unit. 2,541,815, Feb. 13.
Gates, Marshall, Bryn Mawr, Pa., assignor to the United States of America as represented by the Secretary of the Army. Insect repellent. 2,555,330, June 5.
Gates, Marshall, Bryn Mawr, Pa., assignor to the United States of America as represented by the Secretary of the Army. Insect repellents. 2,563,832, Aug. 14.
Gates, Marshall, Bryn Mawr, Pa., assignor to the United States of America as represented by the Secretary of the Army. Insect repellent. 2,567,199, Sept. 11.
Gates, Marshall, Bryn Mawr, Pa., assignor to the United States of America as represented by the Secretary of the Army. Insect repellent. 2,567,200, Sept. 11.
Gates, Marshall, Bryn Mawr, Pa., assignor to the United States of America as represented by the Secretary of the Army. Insect repellents. 2,572,852, Oct. 30.
Gates, Mary L., Uleta, Fla. Forming ornamental package bows. 2,563,678, Aug. 7.
Gates, Richard L., assignor to Curtis Automotive Devices, Inc., Dayton, Ohio. Valve. 2,571,356, Oct. 16.
Gates, Richard L., assignor to Curtis Automotive Devices, Inc., Dayton, Ohio. Vent valve. 2,577,654, Dec. 4.
Gates Rubber Company, assignee: *See*—
Worley, William S.
Gates Rubber Company, The, assignee: *See*—
Hurry, James A.
Gates, Thomas S., Grosse Pointe Woods, assignor to National Broach & Machine Company, Detroit, Mich. Clamping device. 2,576,506, Nov. 27.
Gates, Vauna M. B., assignee: *See*—
Gates, William S., Jr.
Gates, William O., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Detection of unbalance in alternating current loads. 2,545,547, Mar. 20.
Gates, William S., Jr., assignor to V. M. B. Gates, Springfield, Ill. Automatic character repeating mechanism for typewriters. 2,548,717, Apr. 10.
Gathercole, Clark B.: *See*—
Collison, Eugene O., and Gathercole.
Gathman, Albert: *See*—
Henn, Albert C., and Gathman.
Gatten, Ernest B., Richmond, Va. Ophthalmic lens for spectacles affording increased field of vision. 2,537,047, Jan. 9.
Gatti, Ubaldo, Livorno, assignor to Ing. C. Olivetti & C. Società per Azioni, Ivrea, Italy. Total transfer mechanism for calculating machines. 2,542,131, Feb. 20.
Gattiker, Albert F., Jr., Athens, Pa., and A. D. Karr, Newark, N. J., assignors to Ingersoll-Rand Company, New York, N. Y. Retainer. 2,579,382, Dec. 18.
Gatting, Earl J.: *See*—
Le Febvre, Alfred L., Strong, and Gatting.
Gattuso, Salvatore, Ozone Park, N. Y. Food storage device. 2,577,959, Dec. 11.
Gaubatz, Arthur W.: *See*—
Dolza, John, Gaubatz, Perish, Croisant, and Kerfoot.
Gaubert, Rene J., assignor to Simplex Packaging Machinery, Inc., Oakland, Calif. Electrical control apparatus. 2,561,107, July 17.
Gaucher, Leon P., Mount Vernon, assignor to The Texas Company, New York, N. Y. Production of carbon monoxide and other gases from carbonaceous materials. 2,558,746, July 3.
Gaudette, Alcide A. and R. L., St. Louis, Mo. Massaging apparatus. 2,543,493, Feb. 27.
Gaudette, Raymond L.: *See*—
Gaudette, Alcide A. and R. L.
Gaudin, Armand T., Montrouge, France. Machine for manufacturing pipes. 2,544,453, Mar. 6.
Gaudin, Olivier, Neuilly-sur-Seine, France. Benzenes containing sulfur in their allylic or propenylic side chains and preparing them. 2,556,963, June 12.
Gaudreau, Alfred E., Springfield, Mass. Clamp. 2,559,716, July 10.
Gauger, Frank A., Milwaukee, Wis. Automatic lighting and control means for gas burners. 2,544,454, Mar. 6.
Gaugler, Edward A., Alexander, Va. Producing grain oriented ferromagnetic alloys. 2,569,468, Oct. 2.
Gaugler, Richard S., assignor to General Motors Corporation, Dayton, Ohio. Desiccant cartridge and making. 2,536,274, Jan. 2.
Gaugler, Richard S., assignor to General Motors Corporation, Dayton, Ohio. Fluid filter. 2,548,965, Apr. 17.
Gaugler, Richard S., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,565,220, Aug. 21.
Gaugler, Richard S., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,565,221, Aug. 21.
Gaul, Edward M., Evansville, Ind., assignor to International Harvester Company. Sheet metal evaporator. 2,546,737, Mar. 27.
Gauld, Brownlee B., Brookline, Mass., assignor to Raytheon Manufacturing Company. Recording and indicating system. 2,576,395, Nov. 27.
Gaumont Kalee Seating Limited, assignee: *See*—
Bell, Charles H.
Gausch, Kenneth F., St. Louis, Mo. Runway marker light. 2,560,432, July 10.
Gausmann, Roy W., New York, N. Y., assignor to Industrial Metal Protectives, Inc., Wilmington, Del. Apparatus for transporting materials. 2,558,648, June 26.
Gaut, William N., assignor to Gibson, Inc., Kalamazoo, Mich. Pitch changing mechanism for stringed musical instruments. 2,573,963, Nov. 6.
Gauthier, Crosby, Chicago, Ill. Sound reproducing system and apparatus. 2,559,354, July 3.
Gauthier, Marcel C., Montclair, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Soldering fixture. 2,561,196, July 17.
Gautier, Georges: *See*—
Le Bozec, Léon, and Gautier.
Gauvreau, Joseph E., assignor to E. F. Kemp Corp., Somerville, Mass. Display cabinet. 2,545,575, Mar. 20.
Gavagan, James: *See*—
Schueder, George, Dunlap, and Gavagan.
Gaver, Kenneth M., E. P. Lasure, and L. M. Thomas, assignors to The Keever Starch Company, Columbus, Ohio. Uniformly substituted esters of glucopyranose polymers. 2,538,903, Jan. 23.
Gaver, Kenneth M., E. P. Lasure, and L. M. Thomas, assignors to The Keever Starch Company, Columbus, Ohio. Reaction of glucopyranose polymers with substituted ammonium hydroxides. 2,563,526, Aug. 7.
Gaver, Kenneth M., and E. P. Lasure, Columbus, Ohio, and D. V. Tieszen, Delmar, N. Y., assignors to Ohio State University Research Foundation, Columbus, Ohio. Uniformly substituted glucopyranose polymers and their preparation. 2,572,923, Oct. 30.
Gaver, Raymond H., assignor to The American Welding & Manufacturing Company, Warren, Ohio. Railway truck frame. 2,538,307, Jan. 16.
Gaver, Raymond H., assignor to The American Welding & Manufacturing Company, Warren, Ohio. Railway brake beam assembly. 2,551,938, May 8.
Gavett, Weston, executor: *See*—
Potts, Clyde.
Gavin, Beauford E., Sr., Indianapolis, Ind., assignor to National Malleable and Steel Castings Company, Cleveland, Ohio. Snap flask mold conveyer with automatic jacket and weight shifter. 2,575,103, Nov. 13.
Gavin, George L.: *See*—
Hettelsater, Henry C., and Gavin.
Gawlik, John W., Bethlehem, Pa. Hinge. 2,566,486, Sept. 4.
Gay Bell Corporation, assignee: *See*—
Bell, Harry G.
Bell, Harry G., and Gay.
Gay, Jacob D., Jr.
Gay, Frazer, W.: *See*—
Huse, Raymond A., and Gay.
Gay, Frazer W., Metuchen, N. J. House structure adapted for interior temperature controls. 2,559,868, July 10.
Gay, Frazer W., Metuchen, N. J. House structure and heating system therefor. 2,559,869, July 10.
Gay, Frazer W., Metuchen, N. J. House heating system. 2,559,870, July 10.
Gay, Frazer W., Metuchen, N. J. House structure and heating system therefor. 2,559,871, July 10.
Gay, Jacob D., Jr.: *See*—
Bell, Harry G., and Gay.
Gay, Jacob D., Jr., Pine Grove, assignor to Gay Bell Corporation, Paris, Ky. Body lifting device. 2,577,885, Dec. 11.
Gaydasch, Alexander: *See*—
Gleim, William K. T., and Gaydasch.
Gayer, John D., assignor to The Brown-Brockmeyer Company, Dayton, Ohio. Fan arrangement for electrical devices. 2,541,235, Feb. 13.
Gayford, Michael L.: *See*—
Cragg, William D., and Gayford.
Gayken, Dick B., Waterloo, Iowa. Front-wheel equalizer for vehicles. 2,545,230, Mar. 13.
Gaylor, Peter J., assignee: *See*—
Kozlowski, Walter.

Gaylor, Peter J., Union, N. J. Skating surface. 2,555,078, May 29.
Gaylord Bros., Inc., assignee: *See*—
Grant, Chester A., and Richardson.
Gaylord Container Corporation, assignee: *See*—
Andre, Michael C.
Beck, Horace W., Jr., and Gibbons.
Fallert, Clifford D.
George, Walter C.
George, Walter C., and Klasing.
Rendall, Warren C., and Rushing.
Rosenberg, Leon J.
Rushing, Fred L., and Williams.
Gaylord Products, Incorporated, assignee: *See*—
Weaver, Ruth K.
Gaynor, Edwin G., Bridgeport, Conn. Clock operated switch. 2,575,215, Nov. 13.
Gaynor, Edwin G., Fairfield, Conn. Socket and switch. 2,537,581, Jan. 9.
Gaynor, Simon, Philadelphia, Pa., assignor to American Business Systems. Sheet feeding machine. 2,545,351, Mar. 13.
Gayring, Wallace F.: *See*—
Davis, Ernest, and Gayring.
Gayring, Wallace F., Minoa, assignor to The Prosperity Company, Inc., Syracuse, N. Y. Shirt folding machine. 2,556,079, June 5.
Gaz de France, Ex Compagnie du Gaz de Paris, assignee: *See*—
Duchêne, Roger.
Gazalski, John, Henryetta, Okla. Decoy. 2,536,736, Jan. 2.
Gazda, Antoine, Providence, R. I. Safety device for rotative sustaining means. 2,557,220, June 19.
Gazda, Antoine, Providence, R. I. Shaving cream applicator. 2,557,221, June 19.
Gazda, Antoine, Providence, R. I. Water filtering and sediment removing device. 2,580,012, Dec. 25.
Gazda, Antoine, Providence, R. I. Cleaner and humidifier for carburetors. 2,580,013, Dec. 25.
Gazda, Antoine, Providence, R. I. Combined rearview mirror and direction indicating device. 2,580,014, Dec. 25.
Gazet, Marius, assignor to Etablissements G. Decombe, Lyon, France. Making reels. 2,547,574, Apr. 3.
Gea, James, Joliet, Ill. Storm window. 2,558,719, July 3.
Gealt, Arthur E., Philadelphia, Pa., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Electronic motor control apparatus with separate null indicating device. 2,548,014, Apr. 10.
Gear Grinding Machine Company, The, assignee: *See*—
Miller, Fred F., Jr.
Verville, Lloyd J., and Miller.
Gearench Mfg. Co., assignee: *See*—
Olsen, Carl E., and Peterson.
Gearhart, Roy E., assignor of one-half to C. E. Hose, Kansas City, Mo. Wedging pawl type wrench. 2,542,323, Feb. 20.
Gearhart, Rov E., Kansas City, assignor to H. H. Twente, Independence, Mo. Screw holding screw driver. 2,576,454, Nov. 27.
Gearhart, William M.: *See*—
Meyer, Lester W. A., and Gearhart.
Gearhart, William M., and L. W. A. Meyer, Kingsport, Tenn., assignors to Eastman Kodak Company, Rochester, N. Y. Neutralization of high-molecular weight organic esters. 2,537,890, Jan. 9.
Gearhart, William M., R. O. Hill, Jr., and M. H. Broyles, Kingsport, Tenn., assignors to Eastman Kodak Company, Rochester, N. Y. Manufacturing resorcinol monobenzoate. 2,571,703, Oct. 16.
Gearin, Harold J., Los Angeles, Calif., assignor to Bendix Aviation Corporation, South Bend, Ind. Monitor for pumping systems. 2,564,528, Aug. 14.
Gearon, Edward: *See*—
Gearon, John A. and E.
Gearon, John A. and E., Chicago, Ill. Signal flare. 2,547,698, Apr. 3.
Geary, Ira M., and B. J. Schwartz, Los Angeles, Calif. Metered bottle closure. 2,580,292, Dec. 25.
Gebauer, Franz, Lofer, Austria. Apparatus for dehydrating peat having a high water content. 2,573,134, Oct. 30.
Gebbart, Arthur L., Union, assignor to Colgate-Palmolive-Peet Company, Jersey City, N. J. Concentration and recovery of carotenoid pigments from palm oil. 2,572,467, Oct. 23.
Gebert, Russell C., Elkins Park, and H. J. Eberwein, Jenintown, assignors to James Lees and Sons Company, Bridgeport, Pa. Pile fabric. 2,571,860, Oct. 16.
Gebhardt, Charles W.: *See*—
Hood, Richard P., and Gebhardt.
Gebhardt, Konrad, Nurnberg, assignor to Firma Triumph-Werke Nürnberg A. G. Nurnberg, Bavoria, U. S. Zone, Germany. Coupling for line space wheels. 2,567,640, Sept. 11.
Gebhart, Arthur I.: *See*—
Ross, John, and Gebhart.
Gebhart, Arthur I., Union, assignor to Colgate-Palmolive-Peet Company, Jersey City, N. J. Reaction of organic compounds with hydrogen halides. Re. 23,404, Sept. 4.
Gebo, Paul W., Port Henry, N. Y., assignor to Republic Steel Corporation, Cleveland, Ohio. Belt protector for sintering machines. 2,539,070, Jan. 23.
Gebr. Bohler & Co. Aktiengesellschaft, assignee: *See*—
Hummitzsch, Werner.
Krainer, Helmut.
Krainer, Helmuth, and Swoboda.
Gebr. de Trey Aktiengsellschaft, assignee: *See*—
Castan, Pierre, and Hagger.
Geci, Melan M., assignor to Stackpole Carbon Company, St. Mary's, Pa. Electric slide switch. 2,550,145, Apr. 24.
Geci, Melan M., Jr., assignor to Stackpole Carbon Company, St. Marys, Pa. Electric circuit control with sheet metal shaft. 2,553,650, May 22.
Geddings, Saint J., Columbia, S. C. Felt for papermaking machines. 2,540,874, Feb. 6.
Gedminas, Francis J., Philadelphia, Pa. Pattern for molding ornamental plastic veneer. 2,567,843, Sept. 11.
Gedris, Stanley J., Grand Rapids, Mich. Molding machine. 2,542,243, Feb. 20.
Gee, David S., Gary, Ind. Rising quadrant for mill screwdowns. 2,555,966, June 5.
Gee, Edwin A., Washington, D. C., and M. T. Pawel, Norris, Tenn., assignors to the United States of America as represented by the Secretary of the Interior. Production of magnesium chloride from magnesium silicate ore. 2,549,798, Apr. 24.
Gee, Norman E., Narberth, Pa. Resilient drive unit. 2,566,985, Sept. 4.
Gee, William O., Jr., Chicago, Ill., assignor to Motorola, Inc. Record player. 2,556,421, June 12.
Gee, William P., Plainfield, N. J., assignor to Texaco Development Corporation, New York, N. Y. Production of oil-free wax and dewaxed oil from wax-bearing lubricating oil stock with a dewaxing solvent liquid. 2,550,058, Apr. 24.
Gee, William P., Plainfield, N. J., assignor to Texaco Development Corporation, New York, N. Y. Separation of fatty oil from solid bleaching agents. 2,577,079, Dec. 4.
Geen, Henry C.: *See*—
Curran, Frank M., Quist, and Geen.
Geer, Paul L., Los Angeles, and H. H. Hall, Inglewood, Calif. Sash lock. 2,562,611, July 31.
Geerds, Henry A., assignor to Holland Hitch Company, Holland, Mich. Automatic lock for hoisting mechanisms. 2,550,801, May 1.
Geerlings, Gerald K.: *See*—
Tynan, James N., and Geerlings.
Geerlings, Gerald K., New Canaan, Conn., assignor to Remington Rand Inc., New York, N. Y. Molded key cap for writing machines. 2,545,026, Mar. 13.
Geers, John B.: *See*—
Gantner, Frederick, Klosterman, and Geers.
Geffroy, Georges: *See*—
Veyret, Louis, and Geffroy.
Geffroy, Robert R. L., Neuilly-sur-Seine, assignor to Societe: Volcan S. A., Levallois, France. Acetylene generator. 2,543,662, Feb. 27.
Gegenheimer, Harold W., Mystic, assignor to Electric Boat Company, Groton, Conn. Printing press side guide. 2,553,758, May 22.
Gegenheimer, Harold W., Mystic, assignor to Electric Boat Company, Groton, Conn. Geared adjustment means. 2,561,018, July 17.
Gegumis, Van J., Memphis, Tenn. Wood surfacing and edging machine. 2,571,861, Oct. 16.
Gehlsen, Reimer G., Kirkwood, and J. H. Simpson, St. Louis, Mo., assignors to Joy Manufacturing Company, Pittsburgh, Pa. Spark limiting control circuits. 2,555,689, June 5.
Gehm, Aurelia B., Bonduel, Wis. Cooky press. 2,554,734, May 29.
Gehman, John B., Haddonfield, N. J., assignor to Radio Corporation of America. Straight-line course computer. 2,539,616, Jan. 30.
Gehman, Samuel D., assignor to Wingfoot Corporation, Akron, Ohio. Apparatus for measuring low-temperature stiffening of elastomers. 2,579,424, Dec. 18.
Gehrand, Clarence E., Elkhart, Ind., assignor to The Adlake Company. Mercury switch relay. 2,540,479, Feb. 6.
Gehres, Hewitt A. and C. M. Bovard, assignors to Cooper-Bessemer Corporation, Mount Vernon, Ohio. Flexible diaphragm pump. 2,546,302, Mar. 27.
Gehret, Ferdinand A., Dayton, Ohio. Curtain rod bracket. 2,557,425, June 19.
Gehrke, Forrest E., Kew Gardens, N. Y., assignor to Sylvania Electric Products, Inc. Electron discharge device. 2,553,184, May 15.
Gehrke, Fred C., Amityville, N. Y. Aligning tool. 2,568,390, Sept. 18.
Gehron, Daniel W., North Star, Ohio. Trailer hitch. 2,541,755, Feb. 13.
Geib, Arthur H., Milwaukee, Wis. Duplicating machine feed construction. 2,558,046, June 26.
Geib, Courtney W., assignee: *See*—
Beach, Paul P.
Geib, Robert U., Jr., assignee: *See*—
Beach, Paul P.
Geidl, Percy J., Sioux City, Iowa. External visor for automobile windows. 2,575,660, Nov. 20.
Geier & Bluhm, Inc., assignee: *See*—
Geier, James.

Geier, Isidor, deceased, Brooklyn, N. Y.; P. Geier, administrator of said I. Geier. Door construction. 2,554,822, May 29.
Geier, James, deceased; B. R. Neeb, executrix, assignor to Geier & Bluhm, Inc., Troy, N. Y. Forming containers. 2,573,429, Oct. 30.
Geier, P. A., Company, The, assignee: *See*—
Martinet, Eugene F.
Geier, Philip, administrator: *See*—
Geier, Isidor.
Geiger, Benjamin F., Horton, Kans. Line holder for fishing line floats. 2,537,663, Jan. 9.
Geiger, Charles F., Metuchen, N. J., assignor to The Carborundum Company, Niagara Falls, N. Y. Making refractory bodies and product thereof. 2,553,759, May 22.
Geiger, Edward F.: *See*—
Johnson, Reynold B., and Geiger.
Geiger, Ervin D., Kankakee, Ill., and F. Geiger, Churubusco, Ind. Weighing and dispensing bin. 2,550,240, Apr. 24.
Geiger, Forest: *See*—
Geiger, Ervin D. and F.
Geiger, Hermann, and N. H. Weber, Bronson, Mich., assignors to Kingston Products Corporation, Kokomo, Ind. Safety release cam. 2,569,096, Sept. 25.
Geiger, John J., San Bernardino, Calif. Washing machine. 2,565,604, Aug. 28.
Geiger, Lyle M., North Hollywood, Calif., assignor to The Neville Company, Neville Island, Pittsburgh, Pa. Continuous process for the manufacture of monodispers coumarone-indene resins. 2,565,222, Aug. 21.
Geiger, Max, and E. Usteri, Basel, and A. Ruperti, Arlesheim, assignors to Ciba Limited, Basel, Switzerland. Pest combating compositions. 2,547,261, Apr. 3.
Geiger, Paul H., Ann Arbor, Mich. Sound deadener for vibratory bodies. 2,541,159, Feb. 13.
Geigy Company Limited, The, assignee: *See*—
Jones, Harry, and Aiken.
Jones, Harry, and Musgrave.
Geigy, J. R., A.-G., assignee: *See*—
Bossard, Werner, and Reding.
Bretscher, Hans.
Conzetti, Achille, and Schetty.
Engel, Kurt, and Morel.
Häfliger, Franz, and Denss.
Haefliger, Franz, and Schindler.
Häusermann, Heinrich, and Zweidler.
Hindermann, Peter.
Kuster, Werner.
Martin, Henry, and Margot.
Martin, Henry, Margot, Neracher, Schindler, and Hodel.
Schetty, Guido.
Schläpfer, Hans, and Margot.
Stenzl, Hans.
Zweidler, Reinhard, and Häusermann.
Geimer, William J., Minneapolis, Minn., and F. R. Linda, Durham, N. C., assignors to Bemis Bro. Bag Company, Minneapolis, Minn. Sealing tape for tubular bag bodies. 2,576,933, Dec. 4.
Geiringer, Paul L., Bronxville, N. Y. Airport heating and airport fog dispersal. 2,570,226, Oct. 9.
Geisel, Arthur F., assignor to Perfex Corporation, Milwaukee, Wis. Time switch. 2,556,422, June 12.
Geiselman, Ralph A., Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Regulating system. 2,550,115, Apr. 24.
Geiselman, Ralph A., Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Regulating system. 2,568,391, Sept. 18.
Geisenheimer, Norman S.: *See*—
Olien, Henry C., and Geisenheimer.
Geiser, Edward M., Downers Grove, assignor to Universal Oil Products Company, Chicago, Ill. Vegetable oil-hydrocarbon oil-carbonyl compounds. 2,565,654, Aug. 28.
Geiser, Walter, Olten, Switzerland. Miniature rifle range. 2,566,607, Sept. 4.
Geissbuhler, John O., South Euclid, Ohio, assignor to General Electric Company. Vehicle head lamp. 2,568,494, Sept. 18.
Geisse, John H., Madison, Wis., assignor, by mesne assignments, to Kollsman Instrument Corporation, Elmhurst, N. Y. Aircraft instrument responsive to yaw and angle of attack. 2,556,873, June 12.
Geisse, John H., Washington, D. C. Airplane cross-wind landing gear. 2,551,665, May 8.
Geisse, John H., Washington, D. C. Cross wind undercarriage for airplanes. 2,557,274, June 19.
Geisse, John H., Washington, D. C. Cross wind airplane undercarriage. 2,557,275, June 19.
Geisse, John H., Washington, D. C. Cross-wind undercarriage. 2,577,416, Dec. 4.
Geisseler, Josef, Thalwil, Switzerland, assignor to Landis & Gyr, A-G. Device for automatic regulation of room temperature in buildings. 2,560,282, July 10.
Geissmann, Gladys W., assignor to Merry Hull & Company, New York, N. Y. Glove. 2,545,272, Mar. 13.
Geist Brothers, assignee: *See*—
Geist, Herbert F.
Geist, Herbert F., Lakewood, assignor to Geist Brothers, Cleveland, Ohio. Block forming apparatus. 2,556,754, June 12.
Geist, Layha S., administratrix: *See*—
Siren, Anne.
Geist, Paul M.: *See*—
Bullard, Robinson D., Sherwood, and Geist.
Geistweit, John D., assignor of one-third to O. H. Thomas, Williamsport, Pa. Fish net hanger. 2,578,237, Dec. 11.
Ge Jac, Ida A., Rochester, N. Y. Support for sanitary napkins. 2,563,232, Aug. 7.
Gejrot, Claes J.: *See*—
Dalin, David, and Gejrot.
Dalin, David, Hedbäck, Gejrot, and Johansson.
Gelardin, Benjamin, New York, N. Y. Gas permeable coating for dry cell flashlight batteries. 2,569,159, Sept. 25.
Gelb, Hubert E., and C. Young, Medina, Ohio. Ball toy. 2,563,019, Aug. 7.
Gelbard, Robert B.: *See*—
Hotz, Harry E., and Gelbard.
Gelbman, Lawrence F., Yonkers, N. Y. Making lightweight aggregates using fragile nodules. 2,544,752, Mar. 13.
Geldhof, Peter E., and L. Ringer, assignors to Nineteen Hundred Corporation, St. Joseph, Mich. Automatic washing appliance and control system therefor. 2,540,723, Feb. 6.
Geldhof, Peter E., and L. Ringer, assignors to Nineteen Hundred Corporation, St. Joseph, Mich. Interlocking control mechanism for a washing machine having an agitator and a pump. 2,540,724, Feb. 6.
Geldhof, Peter E., assignor to Nineteen Hundred Corporation, St. Joseph, Mich. Lint screen and assembly for clothes driers. 2,540,725, Feb. 6.
Geldhof, Peter E., and C. E. Morgenstern, assignors to Nineteen Hundred Corporation, St. Joseph, Mich. Clothes drier. 2,546,925, Mar. 27.
Geldhof, Peter E., and L. Ringer, assignors to Nineteen Hundred Corporation, St. Joseph, Mich. Fluid control means for automatic cleansing apparatus. 2,554,566, May 29.
Geldhof, Peter E., L. Ringer, and H. E. Morrison, assignors to Nineteen Hundred Corporation, St. Joseph, Mich. Self-priming pump system. 2,562,610, July 31.
Gelinas, Thuribe, assignor to Hubbard Shoe Company, Incorporated, Rochester, N. H. Leather softening adhesive. 2,580,167, Dec. 25.
Gellenbeck, Benjamin G., Tacoma, Wash. Child's convertible vehicle. 2,577,459, Dec. 4.
Geller, Andrew, Inc., assignee: *See*—
Azzara, Santo.
Geller, Harold H., Milwaukee, Wis. Stabilizing the foam of malt beverages. 2,559,612, July 10.
Gellert, Alvin W.: *See*—
Tucker, Spencer A., and Gellert.
Gelles, Jess, Rockville Centre, N. Y. Making neckties. 2,563,463, Aug. 7.
Gelles, William H., New York, N. Y. Brake for hand trucks. 2,557,183, June 19.
Gellman, Abe, & Company, assignee: *See*—
Gellman, Abraham, and Diesenhaus.
Gellman, Abraham, New York, and S. Diesenhaus, Monsey, assignors to Abe Gellman & Company, New York, N. Y. Zigzag sewing machine attachment. 2,545,658, Mar. 20.
Gellman Manufacturing Company, assignee: *See*—
Petskeyes, Charles H.
Gelman, Harry A. and M., assignors to Triple A Products, Chicago, Ill. Combination chair and ladder. 2,547,699, Apr. 3.
Gelman, Mac: *See*—
Gelman, Harry A. and M.
Gelpcke, Alfred W., Brooklyn, assignor to The Rawlplug Company, Inc., New York, N. Y. Toggle lock. 2,567,372, Sept. 11.
Gelpi, Maurice J.: *See*—
Vore, Milton P., and Gelpi.
Gelzer, John R., assignor to Electron, Inc., Jackson, Mich. Power supply and charger circuit. 2,539,015, Jan. 23.
Gem Crib and Cradle Company, assignee: *See*—
Bockus, Rubert C.
Gemberling, Cameron H., South Bend, Ind., assignor to The Oliver Corporation. Locking device for implement adjustment. 2,551,532, May 1.
Gemberling Cameron H., and R. J. Altgelt, South Bend, Ind., assignors to The Oliver Corporation. Subsoil plow. 2,558,948, July 3.
Gemeinhardt, Walter, Belle Harbor, N. Y. Shaping the bores of mouthpieces. 2,558,649, June 26.
Gemeinhardt, Walter F., Medford, Oreg. Propeller assembly for model airplanes. 2,563,020, Aug. 7.
Gemex Company, assignee: *See*—
Prestinari, Eugen.
Gemmel, Wilbur R., Wheaton, assignor to Teletype Corporation, Chicago, Ill. Distributor brush control apparatus. 2,550,411, Apr. 24.
Gemora, Charles, Los Angeles, Calif. Sanitary pad holder. 2,571,357, Oct. 16.
Gemunden, George A., Philadelphia, Pa. Face mask. 2,537,265, Jan. 9.
Genas, Michailas, assignor to Société Organico, Paris, France. Hypophosphorous acid and hypophosphites as catalyzers of condensation of monoamino monocarboxylic acids. 2,564,001, Aug. 14.
Gendernalik, Leo G., Anaheim, Calif. Postage stamp dispenser. 2,546,738, Mar. 27.

Gendreau, Raymond P., Williston Park, assignor to Republic Aviation Corporation, Farmingdale, N. Y. Regulator. 2,551,836, May 8.
Gendron, Joseph J., Hollywood, Fla. Automatic paddle wax and tallow heater. 2,563,021, Aug. 7.
Gendron Wheel Company, assignee: *See*—
Rideout, John G.
General Abrasive Company, Inc., assignee: *See*—
Carpenter, Oliver J.
General American Transportation Corporation, assignee: *See*—
Bill, Clifford E.
Chelminski, Roman, Kuster, and Hines.
Dunn, William J., and Richolt.
Jacoby, Harold E., and Nilan.
Kolb, John P.
Stebbins, Harry Y.
Schmidt-Nickels, Wilhelm.
General Aniline & Film Corporation, assignee: *See*—
Anish, Alfred W.
Anish, Alfred W., and Hensley.
Ayo, Jackson J., and Gajewski.
Ayo, Jackson J., Gajewski, and Sanders.
Barnes, Carl E.
Barnes, Carl E., and Ney.
Bates, James E.
Bestehorn, Heinrich H.
Bestehorn, Heinrich H., and Schmidt-Nickels.
Black, Eldridge J.
Buc, Saul R., and Renfrew.
Busse, Warren F.
Coles, Robert F.
Copenhaver, John W.
Craig, Louis E.
Craig, Winfred C.
Cross, James M., and Chiddix.
Cross, James M., and Mayhew.
Derbyshire, Henry G.
Duerr, Herman H.
Easton, Russell P.
Fahnoe, Frederick.
Fox, Arthur L.
Frantz, Frederick H.
Freudenberg, Werner.
Friedman, Joseph S.
Gallick, Michael S.
Glickman, Samuel A.
Grimmel, Harry W., and Strobel.
Grosser, Frederick.
Gunther, Robert C.
Harsh, Harold C.
Hayden, John J.
Hensley, Lee C.
Jacobson, Carl H.
Jelinek, Charles F.
Jelinek, Charles F., and Kleinschmidt.
Jones, Giffin D.
Kellog, Henry B.
Kleinschmidt, Roger F.
Lambert, Joseph M.
Mackey, E. S.
Mayhew, Raymond L.
McDonald, Richard A.
Mueller, Fritz W. H.
Mueller, Fritz W. H., and Harriman.
Neumann, Fred W.
Olsen, Robert T.
Owen, Emily M.
Pedlow, George, Wesley, and Neumann.
Randall, David I.
Randall, David I., and Buc.
Randall, David I., and Martin.
Randall, David I., and Renfrew.
Roberts, Stiles M.
Runyan, Ivy V.
Sargent, Donald E.
Sargent, Donald E., and Pedlow.
Schenck, Leslie M.
Schildknecht, Calvin E.
Schmidt-Nickels, Wilhelm.
Schmidt, Willy A., and Sprung.
Schmidt, Willy A., and Tulagin.
Schoelles, Norman A.
Shrader, Marvin O.
Slifkin, Sam C.
Slifkin, Sam C., and Sulich.
Slifkin, Sam C., and Trojnar.
Smith, Carl M.
Smith, Carl M., and Randall.
Sprung, Joseph A.
Sprung, Joseph A., and Schmidt.
Starke, Albert C., Jr.
Stratton, Charles H.
Strobel, Albert F., and Williams.
Sweet, Monroe H.
Taras, John.
Thompson, Thomas R.
Thompson, Thomas R., and Hensley.
Thompson, Thomas R., and Popeck.
Thunberg, Leander O.
Tulagin, Vsevolod.
Tulagin, Vsevolod, and Schmidt.
Vogt, Curt G.
Von Glahn, William H., and Bergstrom.
General Aniline & Film Corporation, assignee: *See*—Con.
Von Glahn, William H., and Stanley.
Wilkinson, Joseph M., Pedlow, and Kleinschmidt.
Willcox, Frederick P.
Witte, Michael.
Zoss, Abraham O.
General Binding Corporation, assignee: *See*—
Copenhaver, John W.
Emmer, Charles E.
Emmer, Charles E., and Valli.
Nease, Aubrey H.
General Bronze Corporation, assignee: *See*—
Danielsen, August A.
McAvoy, Frank E.
Peremi, Edmund, and Weimann.
Potter, James L.
Seelig, Richard P.
Segal, Arthur.
General Candy Corporation, assignee: *See*—
Petrilli, Santy C.
General Coated Products, Inc., assignee: *See*—
Hampson, Herbert, and Quinn.
General Communication Company, assignee: *See*—
Charles, Randolph E.
General Control Company, assignee: *See*—
Kelleigh, Waldo J.
General Controls Co., assignee: *See*—
Ewing, John L.
Matteson, Harold J.
Paille, Eugene.
Ray, William A.
General Detroit Corporation, The, assignee: *See*—
Barclay, Ivar.
Hinkson, Edgar L.
General Developers Company, assignee: *See*—
Singleton, Clifford L.
General Dry Batteries, Inc., assignee: *See*—
Rock, Arthur F.
General Dyestuff Corporation, assignee: *See*—
Williams, Sumner H.
General Electric Company, assignee: *See*—
Adams, Elliot Q.
Adamson, Arthur P.
Akeley, Lloyd T.
Alexanderson, Ernst F. W.
Alexanderson, Ernst F. W., Bedford, and Mittag.
Alexanderson, Ernst F. W., Mittag, and Phillipi.
Alford, Joseph S., Burgess, and Cruckshank.
Alger, Philip L.
Anderson, Duane F.
Anderson, Harry C., and Sutton.
Anderson, James T., and Wells.
Anderson, Robert G.
Apker, Le Roy.
Archer, Hugh M., and Boltz.
Atchison, Leonard W.
Avrey, Howard W.
Aydelott, John C., Bower, and Adams.
Ayers, Edgar H.
Bachman, William S.
Bailey, Francis M.
Bailey, James.
Baldwin, Charles F.
Balentine, Conrad J.
Balis, Earl W., and Bronk.
Balis, Earl W., and Liebhafsky.
Banander, George B.
Bangert, Charles, Jr.
Barkis, Charles E.
Barr, James R.
Bartelink, Everhard H. B.
Barth, Henry L.
Barton, Leon M.
Baumann, Frederick W., and Grenfell.
Beard, Lee R., Seely, and Holdgreve.
Beatty, John W.
Bechard, Conrad E.
Becker, Howard I.
Bedford, Burnice D.
Beeson, Eric J. G., and Shepherd.
Benander, George B.
Bennett, Maurice E.
Bennett, Ralph S., and Passe.
Bentley, Arthur P.
Berkey, Donald C., and Starkey.
Berlien, Paul B.
Berry, Theodore M.
Beurtheret, Charles A. E.
Bigelow, John E.
Bischoff, Alfred F.
Bivens, Maurice E.
Bixler, Harley H.
Blewett, John P.
Bloomberg, David J.
Bluestein, Ben A.
Bock, Charles E., and Burrows.
Boyajian, Clement L., Rede, and Dimond.
Bradley, Harl C.
Bramhall, George H.
Breadner, Robert L., and Simms.
Brian, William S.
Brooks, Wesley W.
Brown, Allan R.

General Electric Company, assignee: *See*—Continued.
Brown, Burton P., Jr.
Brown, George M.
Brunelle, Henry E., and Molde.
Brunot, Albert W., Fulton, and Solomon.
Buckland, Bruce O.
Bullard, Robert O.
Bundy, Francis P., and Strong.
Bundy, Francis P., Strong, and Gregg.
Burkhard, Charles A.
Butler, Frank L.
Byrne, John F., and Clark.
Canada, Alfred H.
Carbary, Richard J.
Carlson, Elmer T.
Carlson, Frank E.
Cartun, Paul O.
Casey, Robert T.
Cates, Julius.
Chapin, William T.
Chapman, James K.
Childs, Wayne R., Schnell, and Newman.
Clapp, Charles W.
Clark, David L.
Clark, Edward B., and Carlson.
Clark, Frank M., and Camilli.
Clawson, John H.
Cobean, Richard W., and Holmquest.
Cobine, James D.
Cockrell, William D.
Coggeshall, Almy D.
Coggeshall, Thellwell R.
Columbe, Maynard J.
Connor, Thomas J.
Cook, Ellsworth D.
Coon, James P.
Cooper, Kenneth K.
Cooper, La Mar S.
Corson, Almon J.
Couling, Stephen A.
Crary, Selden B.
Craven, Kenneth C.
Crowley, George C.
Custin, Thomas G.
Dalton, Bernard J.
Davies, Leonard J., and Beeson.
Dayton, Carl S.
Degnan, William J., and Kettler.
De Groat, Charles T.
Dehn, Rudolph A.
Delvaux, Jean L.
De Michele, Dominick J.
Denham, Robert H.
D'Entremont, Franklin R.
De Reamer, Frank C., and Pistey.
Descarsin, Maurice.
Desch, Philip F.
Devine, George F.
De Walt, Kenneth C.
Dewey, Clyde G.
Dickey, William K., and Rohde.
Dickinson, Theodore M.
Dierstein, Roy H.
Dilts, Lee E.
Dodson, Wayne E.
Doherty, Orval A.
Dole, Marshall H.
Dome, Robert B.
Downey, Reginald L.
Downie, Emerson G.
Doyle, Charles D.
Duncan, Hershel B.
Dunham, George W.
Eagles, Horace W., and Martin.
Eaton, Richard C.
Ebeling, Dolph G. P.
Edgar, Robert F.
Edwards, Martin A., and Keep.
Edwards, Russell N.
Eichelberger, Charles D.
Evans, Liley A.
Fabel, George W.
Faus, Harold T.
Favre, John A.
Fehr, Robert O., Fiske, Jr., and Wells.
Feiker, George E., Jr.
Ferguson, Alexander D.
Ferguson, Du Vello A.
Finke, Christian J., and Guzman.
Finlayson, Frank E.
Fischer, Leander J.
Fiske, Augustus H., Jr.
Fiske, Milan D.
Fitzgerald, Albert J.
Flaws, John, Jr.
Flowers, Ralph G., and Elliott.
Flynn, Edward J., and Kilbourne.
Foster, Levin W., and Goldy.
Foster, Raymond F.
Foulds, John P.
Francis, Victor J., and Nelson.
Franklin, John S.
Freshwater, Edmon S., Muth, and Cunningham.

General Electric Company, assignee: *See*—Continued.
Frisch, Wayne R., and Roy.
Froelich, Herman C.
Froelich, Herman C., and Margolis.
Fulton, John W., and Kuebler.
Fyler, George W.
Gabrielson, Samuel I.
Gabrielson, Samuel, and Lynch.
Ganley, Gregory J.
Garbarino, Harold L.
Garber, William.
Gardiner, Cecil M., and Loft.
Gardiner, Emmett G.
Gardiner, Paul C., and Frick.
Garr, Donald E.
Geissbuhler, John O.
Giegerich, Bertrand V.
Gittings, William N.
Goldberg, Leon J.
Goldman, Stanford.
Gosling, Joseph B.
Gould, Herbert R.
Graves, Donald E.
Graves, William L. O.
Greiner, Alfred.
Greiner, Alfred, and Seitz.
Grothouse, Frank T., and Frere.
Gruen, Wolf J.
Grumblatt, Victor J.
Gullick, Oliver F.
Gund, Russell A.
Gurewitsch, Anatole M.
Guy, Albert G.
Haber, Charles P.
Hall, Chester I.
Hallstrand, Eric A.
Hallstrand, Eric A., and Myers.
Hamm, Clarence L.
Hammerly, Herman J., and Veitch.
Hansen, Albert, Jr.
Hansen, Elmer F.
Hansen, Siegfried.
Harbison, George C.
Harding, George D., and Barker.
Harker, David.
Harrington, Richards H.
Harrison, Howard R.
Hartley, Lloyd S., and Newton.
Hayes, Charles P.
Hebbel, Emile E., Jr.
Hegel, George W.
Hepperlen, John A., and Rifkin.
Hershberger, Doran D.
Herskind, Carl C., and Mulhern.
Hoare, Stephen C., and Corson.
Hobbs, George W.
Hodgkiss, James W.
Hoffmann, Daniel C.
Hoffmann, Walter W.
Hogg, Francis M.
Hogle, John J.
Hogue, Alfred L., Raney, Young, and Runaldue.
Houser, Philip H., and Peterson.
Howard, Alan.
Howe, Goodwin H.
Hudson, Alexander E.
Hudson, James E.
Hurd, Dallas T.
Hurd, Dallas T., and Safford.
Isaacs, George G., and Nelson.
Isaacs, George G., and Samuels.
Jacob, Don M.
Jacobs, Stephen.
Janos, Alfred G.
Janssen, William H.
Jenkins, Henry G. and Miles.
Jensen, Harold A.
Johnson, Frithiof V.
Johnson, Robert H.
Jones, Benjamin W.
Jones, Benjamin W., and Rader.
Kalb, John W.
Keim, Donald B.
Kelley, Floyd C.
Kellogg, Harry L., and Kuenning.
Ker, Montgomery.
Kizaur, Arthur J.
Kline, Halsey W.
Knaus, William L.
Knight, Chester R.
Knowlton, Paul H., Jr.
Koch, Charles J.
Kooiker, Paul I.
Krause, Lloyd O.
Kremer, Merle W.
Kremer, Merle W., and Heigle.
Kroger, Ferdinand A., and Overbeek.
Kronmiller, Charles W.
Kuehni, Hans P.
Kurtz, Lowell M.
Lafferty, James M.
Lang, Henry T.
Langenwalter, Daniel F.
Lash, James D.

General Electric Company, assignee: *See*—Continued.
Lavoo, Norman T., and Gurewitsch.
Lawry, Clinton C., Jr.
Lawton, Elliott J.
Leighton, Leroy G.
Lennox, George C.
Lennox, Thomas H.
Lesher, William C.
Lester, Burton R.
Lewis, Franklin W.
Lichtenfels, Ira W., and Moore.
Lichtenstein, Roland M., Schultz, and Goodale.
Lincks, George F.
Lincks, George F., and Smith.
Linke, Ernest A.
Livingston, Orrin W., and Peaslee.
Lloyd, Randall E.
Lord, Harold W.
Loritsch, John A.
Loritsch, John A., and Di Cerbo.
Louden, Harry L.
Lucas, Glennard R., and Bryan.
Lundberg, John E., and Wallace.
Lundy, Richard T.
Lynch, Edward E., and Gardner.
Mahowald, Curtis J.
Malheiros, Luiz G.
Manke, Arthur G.
Mann, Richard E.
Marsden, James.
Marsh, Myrle O.
Martin, Robert W.
Mason, Charles R.
Matson, William N., and Mayor.
Maxwell, Donald E.
McArthur, Elmer D.
McCaleb, Eugene F.
McCarty, Clyde W.
McCarty, Clyde W., and Jennings.
McConnell, Andrew J.
McDonald, Gordon R.
McKinsey, Clarence E.
McMahan, Kenton D.
McMahan, Kenton D., and Darrow.
Merrill, Frank W.
Meyers, Harry C.
Michael, Frank L.
Miles, Edward E.
Millar, Norval P.
Millar, Norval P., and Warner.
Miller, Harry F., and Flowers.
Miller, Homer H.
Miner, Carroll R.
Miner, Carroll R., and Zikmund.
Mittag, Albert H.
Moe, Robert E.
Moir, James, and Graff-Baker.
Moody, Leroy S.
Moore, John R.
Moore, Robert E.
Morgan, Raymond E.
Mork, Raymond P.
Morris, William C.
Moyer, Elmo E.
Murdick, Robert G., and Robbins.
Navias, Louis.
Nelson, Evan H., and Power.
Nelson, Henry C., Jr.
Nelson, Richard B.
Newman, Richard J.
Nisbet, James D.
Noel, Edward B.
Noel, Edward B., and Martt.
Nolte, Henry J.
Odenheimer, Jerome H.
Oetting, Robert L.
Ogden, Harold S.
Ogle, Hugh M.
Oliver, James H.
Olsen, Ronald W.
Oppel, John A., and Titus.
Ouweltjes, Jan L.
Palme, Arthur, and Hannon.
Palmer, John H.
Pearson, Frithiof L., and Spaulding.
Pennell, William C.
Peroutky, Donald C.
Peters, Leo R.
Peters, Philip H., Jr.
Peters, William W.
Petersen, Otto H.
Peterson, Eric O., and Miner.
Phaneuf, Edgar A.
Phillips, Roy A.
Pifke, Edgar A.
Pipkin, Marvin.
Pipkin, Marvin, and Johnson.
Pistey, John M.
Pohl, Raymond V.
Poje, Stanley.
Powell, Alric H., and Schuck.
Powers, James H.
Prendergast, James J.

General Electric Company, assignee: *See*—Continued.
Preston, Thomas.
Prideaux, Gwilym F., and Oetting.
Prince, David C.
Prober, Maurice.
Pruehs, Leslie L.
Quinlan, Frank B.
Quinn, Frederic R.
Ramo, Simon.
Ray, James L.
Reek, Donald C.
Reifschneider, Paul J.
Reisch, George J.
Rex, Charles H.
Rhoads, James C.
Rice, Chester S.
Rice, Chester W.
Rich, Eugene H., and Roberts.
Rich, Theodore A.
Rich, Theodora A., and Bigelow.
Rinehart, Dean C.
Ringlee, Robert J.
Roberts, Shepard.
Roberts, William H.
Robertson, Alastair.
Rochow, Eugene G.
Roemke, Henry C.
Rogers, George L.
Romano, Claude.
Roos, Jacob.
Rosenkrans, Frank A., and Wagner.
Rowe, Raymond N.
Rowe, Robert F.
Rowell, Ralph M.
Rubano, Carmell A.
Rupert, Jack C.
Ruscetta, Ralph A.
Russell, Arthur P.
Ryan, Victor J., and Pisacane.
Safford, Moyer M.
Safford, Moyer M., and Hurd.
Schaefer, Vincent J.
Scheldorf, Owen H.
Schell, Le Roy S., Jr.
Schissel, Paul O.
Schmidt, Marvin L.
Schubert, Albert E., and Reed.
Schultz, Jack L.
Schultz, Warner W., and Kozoriz.
Schwenker, William A.
Sclater, Ivanhoe H.
Scott, Benjamin B.
Scott, Benjamin B., and Coggeshall.
Scott, William J.
Seaman, Joseph W.
Seeley, Harold T.
Seely, Richard E.
Shaad, George E., La Roque, and Moore.
Shaw, Robert J.
Shea, Richard F.
Sheahan, Robert E.
Sias, Frederick R.
Sills, Richard M., Jr.
Silvey, John O.
Sims, Marion W.
Sink, Robert L.
Sittner, George H.
Skipper, Edward M.
Skolfield, William K.
Smith, Henry M.
Smith, Walter L., Jr.
Smith, Sidney R., Jr.
Smith-Johannsen, Robert.
Somerville, Gareth G.
Sontheim, Rudolf F.
Spicer, Curtis D., and Casler.
Spittler, Eugene R., and Johnson.
Spofford, Warren A.
Sprung, Murray M.
Sprung, Murray M., and Guenther.
Stancu, George S.
Stanworth, John E., and Dale.
Stapleton, Glenn D.
Stark, Julian H.
Stark, Julian H., and Tyler.
Starkey, Neal E., Lewis, and Edwards.
Stent, Thomas F.
Stephenson, Hugh M.
Stephenson, Hugh M., and Rowan.
Stoeckly, Eugene E.
Stonehill, Cyrus.
Storm, Herbert F.
Stotenbur, Ralph H.
Stratton, Jerry L.
Streid, Dale D., and Garbett.
Studders, Robert J.
Sturtevant, George R., and Busch.
Sullivan, Earle C.
Summerhayes, Harry R., Jr.
Summerhayes, Harry R., Jr., and Howells.
Swenson, Alfred G.
Swerdlow, Nathan, and Abel.
Szetela, Casimere A.

General Electric Company, assignee: *See*—Continued.
Taylor, Augustus H.
Taylor, Clement F.
Taylor, Hamilton D.
Teare, William H.
Thatcher, Robert R.
Thomas, Charles A.
Thorn, Benjamin C.
Timmerman, Julius W., Jr.
Titus, Charles H.
Tompkins, Alan.
Torsch, Charles E.
Torsch, Charles E., and Coullard.
Treanor, Edward D.
Tritle, John F.
Tritle, John F., and Bellows.
Turner, William W.
Turton, Cecil B.
Tuthill, Roger W.
Viti, John G. M.
Viti, John G., M., and Lappin.
Von Hoorn, Fred G.
Vrooman, Edward C.
Wade, Raymond B.
Waguet, Philippe.
Wakefield, Kenneth E.
Wales, Lawrence B., and Hodges.
Walker, Chapman J., and Fusner.
Wallace, Henry W.
Walsh, Robert.
Warneke, Roman C.
Warren, Glenn B.
Warrington, Albert R. V.
Watters, Robert L.
Wasson, Orville, and Palmer.
Webb, Donald R.
Weber, Carl F.
Weeks, Walter R.
Weiss, Karl, and Sautter.
Wellman, Albert.
Westendorp, Willem F.
White, William C.
Whitney, Willis R.
Wightman, Lawrance W.
Wilcock, Donald F., and Hurd.
Wilcox, James F.
Wilkinson, Kenneth J. R., and Milner.
Williamson, James.
Willoughby, Anthony H.
Wiloughby, William W.
Willsey, John C.
Winninghoff, Wilford J.
Winter, Fred H.
Woestemeyer, Francis B.
Wolfe, John K.
Wolke, Richard W.
Wood, Charles W.
Woods, William O.
Woodson, Thomas T.
Woolrich, James N.
Worcester, Joseph A., Jr.
Wormuth, Wilbur J.
Worst, Joseph C.
Wotring, Gaylord H.
Wright, James G. E.
Yates, Charles G., Jr.
Young, Allan M.
Young, Charles M., and Wanamaker.
Young, Gerald W.
Young, William R.
Zabel, William P.
Zelt, Elmer J.
Ziffer, Garret F.
Zimmer, John S.

General Electric Company, Limited, assignee: *See*—
Douglas, Ronald W., and James.
Duckett, Gerald C., and Willoughby.
Stenning, Luis C.

General Electric Company, Limited, The, assignee: *See*—
Donelan, James A.
Espley, Dennis C.
Farren, Leslie I., Head, and Levy.
Hawes, Douglas O.
Levy, Maurice M.
Penrose, James R., and Donelan.
Rose, William R.
Veevers, John F., and Thomas.
Willoughby, Anthony H.

General Electric X-Ray Corporation, assignee: *See*—
Jacobs, John E.
Mueller, Robert J., and Burgeson.

General Electrical Company, assignee: *See*—
Boehm, Michael.
Finlayson, Frank E.
Fiske, Milan D.
Huntley, Charles N., and McKinsey.
Hurd, Dallas T.
Miner, Carroll R.
Robertson, Alastair D.
Scoles, Graham J.
Scott, William J., and Latham.

General Engineering Company (Canada) Limited, The, assignee: *See*—
Segsworth, Robert S.

General Films Limited, assignee: *See*—
Murray, William E.

General Findings & Supply Co., assignee: *See*—
Leach, Philip F.

General Fireproofing Company, The, assignee: *See*—
Purnell, Edward A.

General Foods Corporation, assignee: *See*—
Cole, Hubert M.
Diamond, Horace W., and Miller.
Kempf, Norman W., and Murer.
Rector, Thomas M., and Stagmeier.
Winston, Adolph A.

General Glass Equipment Co., assignee: *See*—
Schreiber, Carl W.

General Industries Company, The, assignee: *See*—
Hartman, Herbert L.

General Instrument Corporation, assignee: *See*—
Bender, Kenneth R.
Benner, Howard J., and Hadley.
Fisher, Berne N.
Hall, John S.
Stewart, Alan.

General Instruments Inc., assignee: *See*—
Olson, Robert W.

General Mailing Machine Corporation, assignee: *See*—
Paxton, Gerald C.

General Merchandising Bureau, Inc., assignee: *See*—
Smith, Elmer W.

General Metals Corporation, assignee: *See*—
Kehle, Ottmar A.
Van Der Werff, Jacob B.

General Mills, Inc., assignee: *See*—
Aelony, David.
Aiken, Percy.
Anderson, Helmer.
Aske, Leonard E.
Callaghan, Robert W., and Berglund.
Coffman, John R.
Elverum, Gerard W.
Ferrin, Harold.
Floyd, Don E.
Graham, Maurice H., and Clemons.
Gregor, Joseph A.
Jordan, Wesley A., and Herban.
Jordan, Wesley A., and Wittcoff.
Long, George.
Moe, Owen A., and Warner.
Roach, John R.
Roach, John R., and Wittcoff.
Salo, Paul W., and Huber.
Terry, David E., and Wheeler.
Van Guilder, Walter.
Von Edeskuty, Joseph J., and Zalar.
Warner, Donald T., and Moe.
Westby, Henry A.
Wittcoff, Harold, and Roach.

General Motors Corporation, assignee: *See*—
Akemann, Richard W.
Alexander, Donald F.
Alexander, Donald F., and Werner.
Allen, Everett W.
Armstrong, John W., and Frank.
Atkinson, Robert P., and Barney.
Baker, Herbert F.
Bales, Max G.
Baugh, Everett L.
Bean, Morris, Touchman, and Bruckman.
Beare, Charles H.
Begg, Russell S.
Bell, William F.
Benson, Paul E.
Bishop, Alfred E., and Cook.
Blomberg, Martin P.
Blossey, Carl W., and Wright.
Bonnet, Louis.
Brandes, Roy H.
Brooke, Arthur O.
Burge, James S., Goodwin, and McKee.
Burge, James S., and Key.
Burge, James S., McKee, and Goodwin.
Burrell, Frank C.
Carmichael, Thomas J.
Carnegie, William L.
Carson, Howard, and Light.
Carson, Howard, and Moore.
Clark, Harry F.
Clark, Kendall.
Clark, Kendall, Dietz, and Wallis.
Claytor, Edward M.
Cobb, Leland D.
Codling, Eldred P.
Collins, Edward W.
Contant, Peter R., and Sullivan.
Cooper, Lonzo S.
Crimmins, William C.
Critchfield, Robert M., and Schneider.
Crumb, Duane R.
Deo, Clyde W.
De Poy, Stewart M.
Dickson, John.
Dickson, John, and Hulsing.

General Motors Corporation, assignee: *See*—Continued.
Dolza, John, Gaubatz, Perish, Croisant, and Kerfoot.
Dolza, John, Perish, and Croisant.
Dow, William G., and Early.
Eder, Virgil K.
Eichner, Ferdinand R.
Elliott, Harold V., and Short.
Ellis, William P.
Eshbaugh, Jesse E., and Walker.
Ferris, Donald K.
Fischer, Albert W.
Flynn, John B.
Frank, Bernard E., and Armstrong.
Frank, Clarence E.
Fry, Millard E.
Funkhouser, Mearick.
Funkhouser, Mearick, and Rossman.
Gaugler, Richard S.
Geyer, Harvey D.
Goodwin, Karl P., and Cobb.
Graham, Charles D.
Grange, Howard L., and Hanink.
Griffith, Bain.
Grooms, Albert O.
Hahn, Rea I.
Hahn, Rea I., and Frank.
Haines, Harold G.
Harada, Henry H.
Harris, Edward P.
Hartzell, Herman L.
Hegeman, Franklyn P.
Hendricks, Curtis W., and Ogden.
Henney, Charles F.
Hessler, Arthur F., Boretti, and Sarafian.
Hetzler, Lewis R., and Wilkins.
Hindall, Alva L.
Hofferberth, George F.
Holbrook, Thomas R.
Horlacher, Elmer L.
Humiston, Norman E.
Jagen, Theodore A.
Johnson, Lauren L.
Jorgensen, Clarence H., and Aseltine.
Jorgensen, Clarence H., and Dermond.
Jorgensen, Clarence H., and Taylor.
Kehoe, Ellsworth A., and Burr.
Kendall, Thomas L.
Kendall, Thomas L., Mahoney, and Crooks.
Kerfoot, Frank W.
Kettering, Charles F.
Kettering, Charles F., and Erwin.
Kettering, Eugene W.
Klopak, Joseph.
Kunzog, Theodore W.
Leach, Clayton B.
Lenel, Fritz V.
Limberg, Alfons A.
Lituchy, Noel J.
Long, George B.
Lovell, Wheeler G., and Phillips.
Lucid, David E.
Lyons, Paul M.
MacKichan, Clare M.
Mackie, Harry A., and Duluk.
Martin, Thomas B.
Martin, William G.
Marvin, John T.
Marvin, John T., and McFadden.
McCormick, Francis H.
McShurley, Marshall D.
Menzies, William E.
Miller, Sidney E., and Dick.
Minix, William A.
Moore, Richard E.
Moore, Richard E., and Richardson.
Muzzey, Clifford L., and Carson.
Newman, John S., and Berninger.
Nichols, Charles A.
Nichols, Charles A., Poole, Mahoney, and McShurley.
Norris, Paul A.
Olson, Theodore A.
Pearce, George C.
Perrine, Lester E.
Petkwitz, Carl F.
Phillips, William M., and Clifton.
Prance, Stanley R.
Quear, Eugene C., Shaw, and Edwards.
Rady, William J., and Rice.
Reeves, Donald H.
Reynolds, William B., Kraus, and Conciatori.
Ridge, Donald C.
Rippingille, Edward V.
Rogers, Philip S., Emmons, Godfrey, and Kelso.
Rossman, Edwin F.
Rydner, Gustaf W.
Sampson, Frederick W.
Sampson, Frederick W., and Hyde.
Sampson, Frederick W., and Norris.
Schneider, Paul L.
Schneider, Paul L., and Dudderar.
Schneider, Paul L., Nighbert, and Cromwell.
General Motors Corporation, assignee: *See*—Continued.
Schjolin, Hans O.
Schultz, Harold W.
Schwarz, Bertram A., and Guyton.
Scofield, Robert O.
Short, Brooks H.
Short, Brooks H., and Buck.
Short, Brooks H., and Dyer.
Sisson, Kenneth O.
Smith, William, Jr.
Snow, Robert R.
Stickel, Carl A.
Sturat, Joseph III, and Berkley.
Sullivan, Raymond H., Hardy, and Porter.
Teeter, Wilford H.
Thornburg, Herbal A., and Conrad.
Tolle, Vance W., and Ludy.
Towner, Harold A.
Truxell, Clyde W., Jr.
Tuttle, Charles D.
Underwood, Arthur F.
Valentine, Kenneth B.
Vigars, Sterling G.
Wagner, Robert M.
Walker, Vernon L.
Wallis, Harold B., and Neal.
Waring, Charles E.
Watt, William W.
Welch, Albert F.
Werner, Calvin J.
Wernig, James H.
Whitney, Donald R.
Whittlesey, Leonard D., and Strand.
Williams, Thomas P.
Wilson, Earl R.
Winslow, George J.
Wirt, John R.
General Nailing Machine Corporation, assignee: *See*—
Benson, Harry D.
General Optical Company, Inc., assignee: *See*—
Clement, George A.
General Outdoor Advertising Co., Inc., assignee: *See*—
Oberding, Nicholas.
General Plastics Corporation, assignee: *See*—
Erlewine, Richard H.
General Precision Laboratory Incorporated, assignee: *See*—
Cisski, Irving.
Crane, Robert, Jr.
Deri, Hubert B.
Dibble, Frank B.
Garman, Raymond L., and McKendry.
Gilbert, Clarke M.
Gillette, Frank N., and Lee.
Gray, John W.
Greenwood, Ivan A., Jr., and Hirsch.
Hales, Everett B.
King, George W., and Gillette.
Mercier, Edward G., and Hayek.
Norton, Ralph S.
Paine, George R., Fredrick, and Gaertner.
Palmer, James P.
Pourciau, Louis L.
Pourciau, Louis L., and Lee.
General Radio Company, assignee: *See*—
Karplus, Eduard.
Wilson, Harold M.
General Railway Signal Company, assignee: *See*—
Blaisdell, Donald.
Burnett, James H.
Bushnell, Charles S.
Edwards, Donald V.
Field, Oscar S.
Field, Oscar S., Moore, and Craig.
Field, Oscar S., and Wight.
Field, Oscar S., Wight, and Hewes.
Hewes, Ralph W.
Langdon, Andrew.
Maenpaa, Wilho K.
Moore, Edmund W.
O'Brien, John C.
Orpin, Lionel H.
Pickell, Clark A.
Preston, Neil D.
Preston, Neil D., and Hitchock.
Rees, Frank X.
Scheg, Marcian A.
Stephenson, James E.
Willing, Joseph E., and Duffy, Sr.
General Refractories Company, assignee: *See*—
Butterworth, William N.
Heuer, Russell P.
Mohr, Joseph S.
General Register Corporation, assignee: *See*—
Helsel, Reuben H.
General Reinsurance Corporation, assignee: *See*—
Gallagher, Robert T., Brennecke, and Currie.
General Sales Company of Cadillac, assignee: *See*—
Greeley, Leo O.
General Spring Corporation, assignee: *See*—
Wood, Joseph K.

General Steel Castings Corporation, assignee: *See*—
Meyer, William H.
Pflager, Harry M.
Schieler, Albert M.
Sheehan, William M.
Travilla, James C., Jr.
Travilla, James C., Jr., and Beckette.
General Time Corporation, assignee: *See*—
Kaefer, Martin H., and Bassett.
Schlenker, Max E., and Ryburn.
General Tire and Rubber Company, The, assignee: *See*—
Baker, Laurence M.
Bennett, John R.
Cole, Kenneth J.
Cowles, Raymond H.
Dodge, Howard M.
Engler, Max.
Engler, Max L., and Wormald.
Iredell, Robert, Jr.
Kelly, John H., Jr.
Kelly, John H., Jr., and Glassco.
Kraft, Herman T.
Kusiak, Stanley.
Neher, Eldon P.
Swart, Gilbert H.
Te Grotenhuis, Theodore A.
Te Grotenhuis, Theodore A., and Swart.
Treckman, Henry.
Winkeljohn, Thomas H.
Genest, Homer A. and W. H., Danbury, Conn., assignors to United States Hat Machinery Corporation, New York, N. Y. Hat bat shrinking machine. 2,579,814, Dec. 25.
Genest, Warner H.: *See*—
Genest, Homer A. and W. H.
Genety, Louis, Lyon, France. Hydraulic transmission. 2,571,561, Oct. 16.
Genéty, Louis, Lyon, France. Hydraulic change-speed gear. 2,579,920, Dec. 25.
Genge, Harold T., Centralia, Wash. Folding table with crosslegs. 2,540,875, Feb. 6.
Gengenbach, Fritz: *See*—
Reilly, Alfred F., and Gengenbach.
Genisco, Incorporated, assignee: *See*—
Brown, Ralph E.
Gennari, Giampiero: *See*—
Koster, Heinrich, and Gennari.
Genovese, Anthony, Baltimore, assignor to The National Plastic Products Company, Odenton, Md. Device controlling flow of material into a hopper, responsive to material level in said hopper. 2,568,332, Sept. 18.
Genovese, Edgar N., Baltimore, Md. Cake cutter. 2,537,455, Jan. 9.
Genovese, Edgar N., Baltimore, Md. Can holder with perforating discharge and vent tubes. 2,547,311, Apr. 3.
Genovese, Edgar N., Baltimore, Md. Animated attachment for drinking glasses. 2,547,312, Apr. 3.
Gensel, William L., Philadelphia, Pa., assignor to Radio Corporation of America. Frequency control system for receivers. 2,564,059, Aug. 14.
Gensheimer, William T., New York, N. Y. Sewing-machine attachment. 2,547,639, Apr. 3.
Gensheimer, William T., New York, N. Y. Spiral stitching machine. 2,551,261, May 1.
Genta, Guido: *See*—
Ogilvie, James, and Genta.
Genter, Albert H., Mount Lebanon, Pa. Combination hanger and clamp for supporting electrical conductors. 2,546,593, Mar. 27.
Genter, Albert H., Mount Lebanon, Pa. Cutter bit for mining machines. 2,574,735, Nov. 13.
Genthe, Henry A., Burlington, Colo. Fluid jack. 2,555,925, June 5.
Gentile, Albert, Brooklyn, N. Y. Artificial rosebud flower. 2,552,274, May 8.
Gentile, Vincent, Jr., Brooklyn, N. Y. Flow-measuring device. 2,573,430, Oct. 30.
Gentzel, Melvin B., Aurora, assignor to Independent Pneumatic Tool Company, Chicago, Ill. Belt tightening and aligning mechanism for abrading devices. 2,565,223, Aug. 21.
Gentzhorn, Arnold A., Rockford, Ill. Dimension duplicating attachment with indicating means. 2,576,590, Nov. 27.
Genua, Frank A., Waterbury, Conn. Picture hanger with locking hook. 2,539,825, Jan. 30.
Geophysical Exploration Company, assignee: *See*—
Brant, Arthur A.
Geophysical Service, Inc., assignee: *See*—
Babb, John J., and Smith.
Gaede, John E.
Olson, Robert W.
George, Edwin S., Bloomfield Hills, and W. A. Gibbons, Birmingham, assignors to Moto Mower Company, Detroit, Mich. Nozzle structure for floor and surface sweepers. 2,542,024, Feb. 20.
George, Everett D., Cuyahoga Falls, assignor to Wingfoot Corporation, Akron, Ohio. Tube splicing apparatus. 2,541,696, Feb. 13.
George, Everett D., Cuyahoga Falls, assignor to Wingfoot Corporation, Akron, Ohio. Tube splicing apparatus. 2,561,019, July 17.
George, Everett D., Cuyahoga Falls, assignor to Wingfoot Corporation, Akron, Ohio. Apparatus for dusting strip material. 2,579,425, Dec. 18.
George, Frank W., Spokane, Wash. Vehicle signal switching means. 2,559,717, July 10.
George, Garland M.: *See*—
Holister, Frank O., and George.
George, Harry F., Chicago, Ill. Collapsible top for transportation devices and the like. 2,548,105, Apr. 10.
George, Harry O.: *See*—
Morton, John L., and George.
George, Kenyon P., South Pasadena, Calif., assignor to Beckman Instrument Inc. Indicating or control device. 2,539,575, Jan. 30.
George, Louis R., assignee: *See*—
Montavon, Paul A.
George, Melvin F., Jr.: *See*—
Hamilton, William F., and George.
George, Melvin F., Jr., Los Angeles, and E. V. Kleber, assignors to Lockheed Aircraft Corporation, Burbank, Calif. Stripping agent for polysulfide elastomer coatings. 2,548,718, Apr. 10.
George, Percy F.: *See*—
Fry, Ashford B., Kirk, and George.
George, Percy F., A. B. Fry, and R. C. Kirk, assignors to The Dow Chemical Company, Midland, Mich. Primary cell. 2,547,909, Apr. 3.
George, Richard S., assignor to Hercules Powder Company, Wilmington, Del. Diesel fuel. 2,580,015, Dec. 25.
George, Stephen, Fairfield, assignor to The Bridgeport Tool and Die Company, Incorporated, Bridgeport, Conn. Metal spool. 2,568,442, Sept. 18.
George, Thomas C., North Hollywood, assignor to Lockheed Aircraft Corporation, Burbank, Calif. Tab actuating mechanism. 2,557,426, June 19.
George, Thomas J., Genoa, Ill. Electronic musical instrument. 2,539,826, Jan. 30.
George, Walter C., assignor to Gaylord Container Corporation, St. Louis, Mo. Collapsible cellular partition for containers. 2,549,799, Apr. 24.
George, Walter C., assignor to Gaylord Container Corporation, St. Louis, Mo. Collapsible container and cellular partition unit. 2,549,800, Apr. 24.
George, Walter C., assignor to Gaylord Container Corporation, St. Louis, Mo. Collapsible container partition and liner unit. 2,549,801, Apr. 24.
George, Walter C., assignor to Gaylord Container Corporation, St. Louis, Mo. Shipping container cover lock. 2,561,979, July 24.
George, Walter C., assignor to Gaylord Container Corporation, St. Louis, Mo. Master shipping carton. 2,570,340, Oct. 9.
George, Walter C., assignor to Gaylord Container Corporation, St. Louis, Mo. Apparatus for and process of forming single-faced corrugated board. 2,572,716, Oct. 23.
George, Walter C., assignor to Gaylord Container Corporation, St. Louis, Mo. Carton with automatic cover locking means. 2,574,384, Nov. 6.
George, Walter C., St. Louis, and A. P. Klasing, Webster Groves, assignors to Gaylord Container Corporation, St. Louis, Mo. Collapsible cellular container partition. 2,549,802, Apr. 24.
George, William J., Canonsburg, Pa. Device for printing the peripheral surface of cylindrical objects. 2,564,657, Aug. 21.
Georgeff, Vasil: *See*—
Danly, George I., and Georgeff.
Danly, Philo H., and Georgeff.
Georgeina, Paul F., New Britain, and D. P. Iezzi, Plainville, Conn. Container enclosed ice chopper with spring retracted head. 2,546,739, Mar. 27.
Georgeson, Albin M., assignor of one-third to L. F. Eberle and one-third to P. Vetter, Esmond, N. Dak. Automatic electric bread toaster. 2,578,971, Dec. 18.
Georgia Buff Company, assignee: *See*—
Allen, Robert L.
Georgian, Michael T., Detroit, Mich. Apparatus for grinding and refinishing crankpins. 2,566,660, Sept. 4.
Geotronics Corporation, The, assignee: *See*—
Lipson, Leonard B., and Petchaft.
Geovision Incorporated, assignee: *See*—
Rieber, Frank.
Gephart, Harry M., Elmhurst, assignor to Gephart Manufacturing Company, Chicago, Ill. Fishing rod. 2,577,575, Dec. 4.
Gephart Manufacturing Company, assignee: *See*—
Gephart, Harry M.
Geraci, Alexander D., Chicago, Ill. Airplane sustentation and control surface arrangement. 2,576,294, Nov. 27.
Gerald, Curtis F., Riverside, and G. R. Donaldson, Brookfield, assignors to Universal Oil Products Company, Chicago, Ill. Phosphoric acid catalyzed thiophene alkylation and gravity separation of resultant products. 2,570,542, Oct. 9.
Gerber, Dale C., assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,555,231, May 29.
Gerber, Dale C., assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,558,429, June 26.
Gerber, Dale C., assignor to The Hoover Company, North Canton, Ohio. Conversion and headlight arrangement for suction cleaners. 2,563,717, Aug. 7.

Gerber, Dale C., assignor to The Hoover Company, North Canton, Ohio. Safety switch for portable appliances. 2,574,965, Nov. 13.
Gerber, Dale C., assignor to The Hoover Company, North Canton, Ohio. Suction cleaner filter. 2,576,717, Nov. 27.
Gerber, Frank G.: *See*—
Krupp, Carroll P., and Gerber.
Gerber, George L., assignor to Kroehler Mfg. Co., Naperville, Ill. Seat roll construction fixture. 2,561,108, July 17.
Gerber, Heinz J., Hartford, Conn., assignor to The Gerber Scientific Instruments Company. Instrument for measuring, interpolating, and the like. 2,561,020, July 17.
Gerber, Marian P.: *See*—
Baur, Lorenz S., and Gerber.
Gerber, Max, West New York, assignor to Chatham Electronics Corporation, Newark, N. J. Corona voltage regulator tube. 2,562,031, July 24.
Gerber Products Company, assignee: *See*—
Derbenwick, Frank, Ryan, and Calhoun.
Gerber Scientific Instruments Company, The, assignee: *See*—
Gerber, Heinz J.
Gerdin, Sven G.: *See*—
Palme, Karl B., and Gerdin.
Gerdin, Sven G., assignor to Aktiebolaget Bofors, Bofors, Sweden. Fire control apparatus. 2,567,665, Sept. 11.
Gerds, Melvin W.: *See*—
Glagge, Phillip F., and Gerds.
Gérentès, Jean, assignor to Constructions Electro-Mecaniques de Saint-Etienne, Saint-Etienne, France. Transmission for drilling machines. 2,547,079, Apr. 3.
Gerett, M. A., Corporation, assignee: *See*—
Maage, Alfred E., Jr.
Gerhan, Arnold B., San Francisco, Calif. File cleaner. 2,544,310, Mar. 6
Gerhard-Halowich Corporation, assignee: *See*—
Halowich, Michael.
Gerhardt, Andrew H., Skokie, and A. P. Schulz, Hinsdale, Ill., assignors to Thor Corporation. Stand for ironing machines or the like. 2,542,244, Feb. 20.
Gerhardt, Andrew H., Skokie, and A. P. Schulz, Hinsdale, Ill., assignors to Thor Corporation. Convertible dishwashing and clothes-washing machine. 2,571,438, Oct. 16.
Gerhardt, William R., Watertown Arsenal, Mass., assignor to the United States of America as represented by the Secretary of War. Base plate for mortars. 2,557,960, June 26.
Gerhart, Howard L., Milwaukee, Wis., assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Accelerators for addendum type resins. 2,578,690, Dec. 18.
Gerhart, Howard L., and W. H. Lycan, Milwaukee, Wis., assignors to Pittsburgh Plate Company. Peroxide-polyester catalyst composition. 2,554,567, May 29.
Gerhold, Clarence G.: *See*—
Brown, Kenneth M., and Gerhold.
Gerhold, Clarence G., Riverside, assignor to Universal Oil Products Company, Chicago, Ill. Fractionating apparatus. 2,545,691, Mar. 20.
Gerin, Fernand L., Locust, Middletown Township, Monmouth County, N. J. Viscosimeter. 2,564,892, Aug. 21.
Gerjovich, Henry J.: *See*—
Pijoan, Michel, Englert, Gerjovich, and Hopwood.
Gerke, Roscoe H., Barrington, and F. S. Martin, Cranston, R. I., assignors to United States Rubber Company, New York, N. Y. Marking golf balls. 2,539,303, Jan. 23.
Gerken, Paul F., Reno, Nev. Sash mounting. 2,545,143, Mar. 13.
Gerlach, Carl J., Green Bay, Wis. Machine for packaging merchandise rolls. 2,578,297, Dec. 11.
Gerlach, Charles L., and R. W. Marty, assignors to Michael Yundt Company, Waukesha, Wis. Bottle label remover. 2,573,169, Oct. 30.
Gerlach, Glendon T., assignee: *See*—
Schmidt, Howard F.
Gerlach, Hugo, Hendon, London, assignor to Block & Anderson Limited, London, England. Locking device in printing machines. 2,553,911, May 22.
Gerlach, Hugo, and E. M. Benello, assignors to Block & Anderson Limited, London, England. Moistener for hectograph duplicators. 2,577,886, Dec. 11.
Gerlach, Raymond W.: *See*—
Voigt, Herbert L., and Gerlach.
Gerlach, Stephen G.: *See*—
Carr, Percy W., and Gerlach.
Gerlock Packing Company, The, assignee: *See*—
Chambers, Albert M., Jr.
Germain, Daniel E.: *See*—
Clement, Marcel R., and Germain.
Germain, John F.: *See*—
Rienau, Fred and Germain.
Germain, Joseph E.: *See*—
Davis, Edward D., and Germain.
Germain, Stanley A., Glendale, Calif. Electric oil well heater. 2,548,360, Apr. 10.
Germaix, André, Meudon, assignor to Compagnie pour la Fabrication des compteurs et Materiel d'Usines a Gaz, Unis, France. Radio navigation system. 2,536,683, Jan. 2.
Germaix, André, Meudon, assignor to Compagnie pour la Fabrication des Compteurs et Materiel D'Usines a Gaz, Montrouge, France. Height piloting system. 2,563,405, Aug. 7.
Germann, Richard P., Plainfield, N. J., assignor to American Cyanamid Company, New York, N. Y. Manufacture of pyrazines. 2,574,324, Nov. 6.
Germanton, Charles E., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Ground trainer for aircraft personnel. 2,564,429, Aug. 14.
Germer, Walter E., Norden/Ostfriesland, Germany, assignor of twenty-five per cent to A. E. Neidt, and twenty-five per cent to G. E. Neidt, St. Louis, Mo. Scanning of sound records. 2,575,445, Nov. 20.
Germeshausen, Kenneth J., Newton Center, Mass., assignor, by mesne assignments, to the United States of America as represented by the Secretary of the Navy. Trigger circuit. 2,561,734, July 24.
Gerner, Eugene G., Mundelein, and W. H. Gerner, Chicago, Ill. Sheet metal panel. 2,572,257, Oct. 23.
Gerner, Theodore C., Oklahoma City, Okla. Drive shaft bushing assembly. 2,540,515, Feb. 6.
Gerner, Theodore C., Oklahoma City, Okla. Bell housing repair assembly. 2,571,562, Oct. 16.
Gerner, Theodore C., Oklahoma City, Okla. Drive shaft bushing assembly. 2,573,138, Oct. 30.
Gerner, Willi, Katzwang, and G. Kraetsch, Bartenbach, Germany. Bicycle pedal. 2,568,443, Sept. 18.
Gerner, William H.: *See*—
Gerner, Eugene G. and W. H.
Gernheuser Industries, Inc., assignee: *See*—
Gernheuser, Robert N.
Gernheuser, Robert N., assignor to Gernheuser Industries, Inc., Toledo, Ohio. Plug ejector for electrical outlets. 2,551,533, May 1.
Gerotor May Corporation, assignee: *See*—
Stone, Albert R.
Winchester, Albert G.
Gerow, James O., Riverside, Calif. Portable evaporative cooler. 2,557,276, June 19.
Gerow, Leonard, Temperance, Mich. Mullion strip. 2,574,736, Nov. 13.
Gerrard, A. J., & Company, assignee: *See*—
Mierzwa, Joseph P.
Gerrard Industries Limited, assignee: *See*—
Batten, Alfred J.
Gerrard Steel Strapping Company, assignee: *See*—
Vining, Willard F., and Rowe.
Gerritsen, Jacobus J., London, England. Continuously variable speed-ratio transmission mechanism and in speed governing means. 2,573,258, Oct. 30.
Gerry, Everett D., New York, N. Y. Shoulder pad. 2,574,637, Nov. 13.
Gerry, William R.: *See*—
Weber, Herman H., and Gerry.
Gershel, Arthur, Baldwin, N. Y. Control valve for clutch operating systems. 2,553,137, May 15.
Gershen, Irvin J., Newark, N. J. Self-securing curtain hanger. 2,542,077, Feb. 20.
Gershon, Solomon D.: *See*—
Rider, Theodore H., and Gershon.
Gerson, Irving: *See*—
Maizel, Ben L., and Gerson.
Gerson, Laurence G., Brooklyn, N. Y. Container with evacuated closure. 2,557,648, June 19.
Gerst, Chris, Detroit, assignor to The Transmission & Gear Company, Dearborn, Mich. Reversible power transmission. 2,536,737, Jan. 2.
Gerst, Chris, Detroit, assignor to The Transmission & Gear Company, Dearborn, Mich. Transmission. 2,546,063, Mar. 20.
Gerst, Chris, Detroit, assignor to The Transmission & Gear Company, Dearborn, Mich. Transmission. 2,546,064, Mar. 20.
Gerst, Chris, Detroit, assignor to The Transmission & Gear Company, Dearborn, Mich. Multiple clutch mechanism. 2,549,078, Apr. 17.
Gerst, Chris, Detroit, assignor to The Transmission & Gear Company, Dearborn, Mich. Multiple clutch mechanism. 2,551,939, May 8.
Gerst, Chris, Detroit, assignor to The Transmission & Gear Company, Dearborn, Mich. Drive arrangement. 2,556,034, June 5.
Gerst, Chris, Detroit, assignor to The Transmission & Gear Company, Dearborn, Mich. Front wheel axle mounting. 2,562,542, July 31.
Gerst, Chris, Detroit, assignor to The Transmission & Gear Company, Dearborn, Mich. Multiple clutch mechanism. 2,573,135, Oct. 30.
Gersten, Mortimer A., New York, N. Y. Cabinet door construction. 2,572,717, Oct. 23.
Gersten, Samuel B., Middle Village, and J. Rashal, Brooklyn, N. Y., assignors to Practical Patent Co. Inc. Soap molding frame. 2,569,469, Oct. 2.
Gerstenberg, Aage, Copenhagen, Denmark. Machine for kneading and conveying plastic substances. 2,557,649, June 19.
Gerstenblith, Simon, Brooklyn, N. Y. Connector for watch straps, bracelets, or the like. 2,554,184, May 22.
Gerstenzang, Ralph: *See*—
Brownlie, John, Gerstenzang, and Blamey.
Gerth, Elmer O., assignee: *See*
Fuhrman, William F.

Gerue, Agnes M., assignee: *See*—
Lockard, Vene T.
Gervais, Armand C., Jennings, La. Line guide stabilizer. 2,553,912, May 22.
Gervais, Raymond F., Los Angeles, Calif. Blowtorch shut-off hanger. 2,554,856, May 29.
Gerwe, Raymond D.: *See*—
Slade, Martin A., Jr., and Gerwe.
Gewertz, Harry R.: *See*—
Reiss, Ernest, and Gewertz.
Gerwick, Ben C., Jr., Oakland, assignor to Ben C. Gerwick, Inc., San Francisco, Calif. Hollow mandrel for placement of discrete material. 2,576,507, Nov. 27.
Gerwick, Ben C., Inc., assignee: *See*—
Curtis, Wallace B.
Gerwick, Ben C., Jr.
Gery, William R., assignor to Shakespeare Products Company, Kalamazoo, Mich. Multiple purpose double-acting lever. 2,571,028, Oct. 9.
Gesellschaft zur Förderung der Forschung an der Eidg. Technischen Hochschule, Zurich, assignee: *See*—
Tank, Franz.
Gessler, Albert E., Scarsdale, N. Y., and W. F. Grupe, Rutherford, N. J., C. J. Rolle, Tuckahoe, N. Y., and F. J. Tuttle, Somerville, N. J., assignors to Interchemical Corporation, New York, N. Y. Producing heat and sound insulation. 2,562,711, July 31.
Gessler, Albert E., Scarsdale, N. Y., and W. F. Goepfert, Short Hills, N. J., assignors to Interchemical Corporation, New York, N. Y. Inorganic maroon. 2,564,756, Aug. 21.
Gessler, Albert M., Cranford, N. J., assignor to Standard Oil Development Company. Diolefin-nitrile copolymer plasticized with hydrocarbon polymer. 2,545,516, Mar. 20.
Gessler, Albert M., Cranford, N. J., assignor to Standard Oil Development Company. Polymers of cyclic dimers of diolefins as plasticizers for oil resistant elastomers. 2,553,651, May 22.
Gessler, Albert M., Cranford, N. J., assignor to Standard Oil Development Company. Hydrocarbon plasticizers for oil-resistant polymers. 2,560,339, July 10.
Gessler, Albert M., Cranford, and A. F. Sayko, Elizabeth, N. J., assignors to Standard Oil Development Company. Hydrocarbon rubber plasticized with a polyvinyl compound. 2,567,016, Sept. 4.
Gessler, Harry C., Brooklyn, N. Y., assignor to Medco Silver Co. Inc. Cutlery receptacle tray. 2,574,099, Nov. 6.
Gessler, Otto C., Detroit, Mich. Frictionally-held hinge. 2,553,185, May 15.
Gestetner Limited, assignee: *See*—
Gates, George F.
Gestwick, John B., assignor to Dunlop Tire and Rubber Corporation, Buffalo, N. Y. Pneumatic tire. 2,539,617, Jan. 30.
Getchell, Raymond E., assignor to B. F. Perkins & Son, Inc., Holyoke, Mass. Pressure operated rupture testing machine. 2,557,184, June 19.
Getchell, Raymond E., assignor to B. F. Perkins & Sons, Inc., Holyoke, Mass. Manually operated hydraulic clamping means for testing machines. 2,563,833, Aug. 14.
Getgey, John J., assignor to Empire Ironer, Inc., Cincinnati, Ohio. Ironer with pressure adjustment. 2,548,152, Apr. 10.
Gethen, George S.: *See*—
Randall, Merwyn C., and Gethen.
Getting, Ivan A.: *See*—
Straus, Henry A., Getting, and Chu.
Gettins, Edwin G., Los Angeles, Calif. Aeration sprinkler. 2,564,060, Aug. 14.
Gettler, Joseph, Jr.: *See*—
Freedman, William B., and Gettler.
Gettys, Harold R., North Bend, and R. P. Kissick, assignors to Stacey Brothers Gas Construction Company, Cincinnati, Ohio. Mounting for cutting torches. 2,574,100, Nov. 6.
Getz, Alfred J., and G. D. Weed, Kalispell, Mont. Traveling shop hoist. 2,574,473, Nov. 13.
Getz, Arnstead G.: *See*—
Mayo, Edward L., and Getz.
Getz, Arthur, assignee: *See*—
Karmen, Bernardo H.
Getz, Charles A., Glen Ellyn, assignor to Cardox Corporation, Chicago, Ill. Inerting enclosed spaces to prevent or extinguish fires. 2,543,362, Feb. 27.
Getz, Charles A., Glen Ellyn, assignor, by mesne assignments, to Cardox Corporation, Chicago, Ill. Fire extinguishing system. 2,544,016, Mar. 6.
Getz, Donald A.: *See*—
Brokaw, Ralph M., and Getz.
Getzoff, Edward M., Red Bank, N. J. Safety guard for electric outlets. 2,559,151, July 3.
Geuder, Paeschke & Frey Co., assignee: *See*—
Krantz, Gustave S.
Siczkiewicz, Joseph, Jr.
Voigt, Herbert L.
Voigt, Herbert L., and Gerlach.
Gevaert Photo-Producten N. V., assignee: *See*—
Hendricx, Serge P.
Koerber, Willem K. A., and Van Goethem.
Merckx, Philibert L. J. R.
Schouteden, Ferdinand L., and Tritsmans.
Gevaert Photo-Producten N. V., assignee: *See*—Continued.
Schouteden, Ferdinand L. M., and Tritsmans.
Schouwenaars, Marcel A., Van de Straete, and Van den Broele.
Van de Straete, Leo A.
Van de Straete, Leo A., and Schouwenaars.
Van Dormael, André E.
Van Dormael, André E., and Van Der Auwera.
Gewin, William M., Dupo, Ill. Journal wiper. 2,549,594, Apr. 17.
Gewinner, Walter J., assignor to American Bosch Corporation, Springfield, Mass. Combined mechanical and pneumatic governor. 2,569,664, Oct. 2.
Geyer, Harvey D., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Mechanical freezing tray and operating same. 2,576,591, Nov. 27.
Geyh, Charles P., Hartsdale, N. Y., assignor to Bendix Aviation Corporation, Towson, Md. Radio cabinet. 2,552,372, May 8.
Ghegan, Joseph A., Irvington, N. J. Sunshade. 2,560,762, July 17.
Ghertman, Ioino, Saint-Mande, France, assignor to International Business Machines Corporation, New York, N. Y. Sorting machine. 2,539,995, Jan. 30.
Ghertman, Ioino, Saint-Mande, France, assignor to International Business Machines Corporation, New York, N. Y. Drive means for reciprocable type bars. 2,547,457, Apr. 3.
Ghesquiers, Jules C.: *See*—
Delepierre, Florimond, and Ghesquiers.
Ghijsen, Willem L.: *See*—
Mitchell, Reginald G., Hunn, Green, and Ghijsen.
Ghillany, Anthony, Buffalo, assignor of one-fourth to W. N. Nushawg, East Aurora, and one-fourth to J. J. Lichtenthal, Eggertsville, N. Y. Flexible tool for applying antiskid chains to tires. 2,543,625, Feb. 27.
Gholson, Roy L., Fairbanks, La., assignor to Columbian Carbon Company. Carbon black. 2,550,802, May 1.
Giacchetti, Anacleto D., assignor to National Video Corporation, Chicago, Ill. Vacuum tube assembly apparatus. 2,564,839, Aug. 21.
Giacoletto, Lawrence J., Eatontown, N. J., assignor to Radio Corporation of America. Semiconductor device. 2,561,109, July 17.
Giacoletto, Lawrence J., Eatontown, and I. Wolff, Princeton, N. J., assignors to Radio Corporation of America. Electrostatic generator. 2,567,373, Sept. 11.
Giacoletto, Savino R., San Francisco, Calif. Rat trap. 2,574,780, Nov. 13.
Gialanella, Joseph A., Newark, N. J., assignor to Celanese Corporation of America. Extrusion apparatus. 2,579,815, Dec. 25.
Giambalvo, Vito A.: *See*—
Brouillard, Robert E., and Giambalvo.
Giambonini, Guido, Bellinzona, Switzerland. Commutator motor brush holder. 2,579,565, Dec. 25.
Giammaria, John J., Woodbury, N. J., assignor to Socony-Vacuum Oil Company, Incorporated. Mineral oil compositions containing copolymers of olefins and esters of alpha, beta-unsaturated polybasic acids. 2,543,964, Mar. 6.
Giammaria, John J., Woodbury, N. J., assignor to Socony-Vacuum Oil Company, Incorporated. Synthetic lubricants. 2,570,788, Oct. 9.
Gianelloni, Sabin J., Jr., Baton Rouge, La. Wire fastener for securing sheet metal to imperforate frame members. 2,579,489, Dec. 25.
Giannini, Gabriel M., Pasadena, Calif., assignor, by mesne assignments, to Automatic Electric Laboratories, Inc., Chicago, Ill. Loud speaking telephone instrument. 2,542,922, Feb. 20.
Giannini, Gabriel M., West Los Angeles, Calif., assignor, by mesne assignments, to Automatic Electric Laboratories, Inc., Chicago, Ill. Signal operated control for two-channel transmission systems. 2,542,921, Feb. 20.
Giannini, Guido F., North Haven, Conn. Door hinge locating and marking gauge. 2,561,619, July 24.
Giauque, Charles A., Berwyn, assignor to Crane Co., Chicago, Ill. Strainer. 2,569,413, Sept. 25.
Giauque, Charles A., Berwyn, assignor to Crane Co., Chicago, Ill. Valve construction. 2,576,592, Nov. 27.
Gibb, Thomas R. P., Jr.: *See*—
Banus, Mario D., and Gibb.
Gibbens, Vaughn O., Santa Ana, Calif. Portable posthole digger. 2,565,224, Aug. 21.
Gibbons, Clyde F.: *See*—
Beck, Horace W., Jr., and Gibbons.
Gibbons, Eugene V., Boulder, Colo. Quick-detachable chuck. 2,564,893, Aug. 21.
Gibbons, James A., North Hollywood, assignor to Warner Brothers Pictures, Inc., Burbank, Calif. Light transmission screen and manufacture. 2,558,243, June 26.
Gibbons, James A., North Hollywood, assignor to Warner Brothers Pictures, Inc., Burbank, Calif. Apparatus for manufacturing screens. 2,558,244, June 26.
Gibbons, James, Company, The, assignee: *See*—
Middlestadt, William F.
Gibbons, James H., Tipp City, Ohio. Cutoff mechanism. 2,547,157, Apr. 3.
Gibbons, Paul E., Wolverhampton, England. Door closing spring and check. 2,550,059, Apr. 24.
Gibbons, Robert M., Jr., Meadville, Pa., assignor to Talon, Inc. Apparatus for sewing stringer tape for slide fasteners. 2,542,764, Feb. 20.

Gibbons, Scott W., Portland, Oreg. Device for relieving and correcting ingrown toenails. 2,542,324, Feb. 20.
Gibbons, Wesley A.: *See*—
George, Edwin S., and Gibbons.
Gibbons, William J., Philadelphia, Pa. Quick-acting clamping device. 2,546,336, Mar. 27.
Gibbs, Bradford C., Teaneck, N. J., assignor to Celanese Corporation of America, New York, N. Y. Textile apparatus. 2,557,185, June 19.
Gibbs, George S., Newton, Mass. Making raised electrical contact points. 2,545,352, Mar. 13.
Gibbs, James K.: *See*—
Anderson, Gordon R., and Gibbs.
Gibbs, John H., and A. H. Andersen, Shawinigan Falls, Quebec, Canada, and A. J. Abbott, St. Louis, Mich., assignors to Shawinigan Chemicals Limited, Montreal, Quebec, Canada. Briquetting and product thereof. 2,548,212, Apr. 10.
Gibbs, Robert K.: *See*—
Yates, Cyril J., and Gibbs.
Gibbs, Thomas R., Washington, D. C. Combined sofa and Hollywood bed. 2,579,921, Dec. 25.
Giberson, Frank, South Lyon, Mich. Combined table and seats. 2,537,127, Jan. 9.
Giberson, Frank, South Lyon, Mich. Drop-leaf table. 2,537,128, Jan. 9.
Gibian, Emil F., East Cleveland, assignor to Thompson Products, Inc., Cleveland, Ohio. Making turbine blades. 2,577,747, Dec. 11.
Giblet, Walter L., Oklahoma City, Okla. Color wheel for sprinklers. 2,537,048, Jan. 9.
Gibney, Robert B., Morristown, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electrolytic surface treatment of germanium. 2,560,792, July 17.
Giboney, Joe W., Spencer, W. Va. Illuminated license plate frame. 2,579,230, Dec. 18.
Gibraltar Manufacturing Co., Inc., assignee: *See*—
Gottlieb, Joseph, Eickemeyer, and Woessner.
Gibson, Alan F., Malvern Link, England. Infrared sensitive cell. 2,544,261, Mar. 6.
Gibson, Alfred and Arthur, Boston, Mass. Making textured building blocks. 2,577,241, Dec. 4.
Gibson, Arthur: *See*—
Gibson, Alfred and Arthur.
Gibson, Christian D., assignor to Lyon-Raymond Corporation, Greene, N. Y. Power-driven material handling truck. 2,564,002, Aug. 14.
Gibson, Edward H., Glenbrook, Conn., assignor to American Cyanamid Company, New York, N. Y. Cylinder holder. 2,576,832, Nov. 27.
Gibson, Emmet R., Yuma, Ariz. Resilient gang hook for fishing lures. 2,554,735, May 29.
Gibson, Frederic H., Trenton, N. J., assignor of one-half to F. H. Mahler, Bronx, N. Y. Plug box. 2,540,480, Feb. 6.
Gibson, George M., Bellevue, Iowa, assignor to Reconstruction Finance Corporation, Chicago, Ill. Disappearing wringer washing machine. Re. 23,441, Dec. 18.
Gibson, Gerald E., Salt Lake City, Utah. Desiccating device for firearm barrels. 2,557,277, June 19.
Gibson, Glenn, Southern Pines, N. C. Fishing tackle container. 2,573,431, Oct. 30.
Gibson, Glenn J.: *See*—
Muller, Albert, and Gibson.
Gibson, Harold D., New Brighton, N. Y., assignor to Standard Oil Development Company. Compressor pulsation dampener. 2,548,472, Apr. 10.
Gibson, Harvey C., Lancaster, Pa. Frozen confection and making the same. 2,570,031, Oct. 2.
Gibson, Herbert, Toronto, Ontario, Canada. Ventilating device. 2,579,662, Dec. 25.
Gibson, Horace N., St. Paul, Minn. Camera tripod. 2,572,468, Oct. 23.
Gibson, Inc., assignee: *See*—
Gaut, William N.
Gibson, Incorporated, assignee: *See*—
McCarty, Theodore M.
Gibson, James D., Bartlesville, Okla., assignor to Phillips Petroleum Company. Removal for silicon tetrafluoride from hydrocarbons. 2,550,343, Apr. 24.
Gibson, Jefferson C., Chicago, Ill. Magnetic recorder utilizing an endless record web. 2,542,506, Feb. 20.
Gibson, John S., assignee: *See*—
Wainwright, Samie W.
Gibson, Joseph A., Kimball, Nebr. Catalogue file. 2,560,721, July 17.
Gibson, Leserine C., assignor, by mesne assignments, to G. R. Martin, Columbus, Ohio. Corn popping machine. 2,549,449, Apr. 17.
Gibson, Norman V., Kansas City, Mo. Rotary pump or hydraulic turbine. 2,557,427, June 19.
Gibson Patent Containers, Ltd., assignee: *See*—
Page, John E.
Gibson Refrigeration Company, assignee: *See*—
Drake, Earl D.
Nofzinger, Earl E.
Rosebrook, Homer E.
Gibson, Robert C., Birmingham, assignor to Parker Rust Proof Company, Detroit, Mich. Activation of oxalate metal coating compositions. 2,577,887, Dec. 11.
Gibson, Robert M., Pittsburgh, Pa. Metallurgical apparatus. 2,546,337, Mar. 27.
Gibson, Sarah J., Stockton, Calif. Double compartment bath tub. 2,548,301, Apr. 10.
Gibson, Walter T., Dravosburg, and W. L. Zemberry, Pittsburgh, Pa., assignors to National Tube Company. 2,544,530, Mar. 6.
Gibson, William T., London, England, assignor to International Standard Electric Corporation, New York, N. Y. Adjusting high-frequency electric discharge devices. 2,543,011, Feb. 27.
Giddings & Lewis Machine Tool Company, assignee: *See*—
Gallimore, Keith F.
McFerren, Edgar L.
Renier, William S.
Giegerich, Bertrand V., Pittsfield, Mass., assignor to General Electric Company. Multisectioned radiator. 2,554,185, May 22.
Giem, Seth E., assignee: *See*—
Jones, Ernest R.
Gier, Joseph T., Oakland, L. M. K. Boelter, and R. Bromberg, Los Angeles, and E. R. Dempster, Orinda, assignors to The Regents of the University of California, Berkeley, Calif. Thermopile radiometer. 2,580,293, Dec. 25.
Gierwiatowski, Olgierd, assignor, by mesne assignments, to J. P. Seeburg Corporation, Chicago, Ill. Automatic phonograph. 2,572,609, Oct. 23.
Gieseck, Henric, assignee: *See*—
Knutsson, Eric A.
Gieseke, Elmer W.: *See*—
Jayne, David W., Day, and Gieseke.
Gieseler, Russell W., Jamestown, N. Y. Fire protection automatic sprinkler system. 2,558,175, June 26.
Gieseler, Russell W., Jamestown, N. Y. Dry pipe sprinkler system. 2,558,176, June 26.
Gieseler, Russell W., Jamestown, N. Y. Combination mail and news box. 2,578,691, Dec. 18.
Gieseler, Russell W., Jamestown, N. Y. Duplex covered mail and news box. 2,578,692, Dec. 18.
Gieseler, Russell W., Jamestown, N. Y. Combination mail and news box. 2,578,693, Dec. 18.
Giesen, Arthur A., assignor to Boiler Specialties Corporation, Chicago, Ill. Boiler skimmer. 2,569,160, Sept. 25.
Giesey, A. E., assignee: *See*—
Smith, David C.
Giesey, Boyd V., Ferndale, assignor to Progressive Welder Company, Detroit, Mich. Fluid control system for flash welders. 2,560,283, July 10.
Gieskieng, Marion W., Denver, Colo. Railway wheel checking device. 2,574,474, Nov. 13.
Giesler, Jean V., and H. E. Kaserman, assignors to Robertshaw-Fulton Controls Company, Knoxvile, Tenn. Continuous casting of metal. 2,560,639, July 17.
Giesler, William L.: *See*—
Kendall, Donald G., and Giesler.
Gifford, Allen G., Harborcreek, assignor to Lord Manufacturing Company, Erie, Pa. Vibration measuring device. 2,543,573, Feb. 27.
Gifford, Allen G., Harborcreek, assignor to Lord Manufacturing Company, Erie, Pa. Friction drive. 2,572,718, Oct. 23.
Gifford, Earl W., San Diego, Calif. Door latch and lock. 2,578,004, Dec. 11.
Gifford, Emerson W., Teaneck, N. J., assignor to International Business Machines Corporation, New York, N. Y. Sorting machine. 2,566,937, Sept. 4.
Gifford, John F., Richland, Wash., assignor to the United States of America as represented by the United States Atomic Energy Commission. Shielded container. 2,563,718, Aug. 7.
Gifford-Wood Company, assignee: *See*—
Hudson, Wilbur G.
Giger, Hans: *See*—
Hug, Emil, and Giger.
Gilbank, O. T., trustee: *See*—
Karmen, Bernardo H.
Gilbert, A. C., Company, The, assignee: *See*—
Frisbie, Marshall H., and Morse.
Gilbert, Alan D., Cambridge, Ohio. Coaster. 2,574,638, Nov. 13.
Gilbert, Alfred R.: *See*—
Beck, Lloyd W., Gilbert, and Wolfe.
Gilbert, Arthur E.: *See*—
Ellsworth, Carl E., and Gilbert.
Gilbert & Barker Manufacturing Company, assignee: *See*—
Bills, Philip H., Logan, and Mesh.
Dunn, James P.
Grimmeisen, Herman O.
Grise, Alfred L.
Logan, Joseph A., and Lavallee.
Mesh, Theodore J.
Pacey, John J.
Rapisarda, Edward D.
Gilbert, Clarke M., Chappaqua, N. Y., assignor to General Precision Laboratory Incorporated. Pulse generator. 2,555,440, June 5.
Gilbert, Clyde L., Elkhart, Ind., assignor to Owens-Illinois Glass Company. Bottle carrier. 2,551,559, May 1.
Gilbert, Everett E.: *See*—
Otto, Julian A., and Gilbert.
Gilbert, Everett E., and J. A. Otto, assignors to Allied Chemical & Dye Corporation, New York, N. Y. Manufacture of aldehyde sulfonic acid and salts thereof. 2,552,421, May 8.

Gilbert, George R., Elizabeth, N. J., assignor to Standard Oil Development Company. Conversion of salts in petroleum oils. 2,556,269, June 12.
Gilbert, Gilkes, and Gordon Limited, assignee: *See*—
Crewdson, Eric.
Gilbert, Harry, Cuyahoga Falls, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. 2,2-dicyanopropanediol-1,3. 2,541,350, Feb. 13.
Gilbert, Harry, Cuyahoga Falls, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. 2,2,4,4-tetracyano-pentanediol-1,5. 2,541,351, Feb. 13.
Gilbert, Herman W., assignor to Cutting Room Appliances Corporation, New York, N. Y. Shear guide for cutting cloth. 2,565,364, Aug. 21.
Gilbert, Howard W.: *See*—
Hopkins, William A., and Gilbert.
Gilbert, Howard W., Shaker Heights, assignor to National Malleable and Steel Castings Company, Cleveland, Ohio. Chain link. 2,537,405, Jan. 9.
Gilbert, Isaac O., assignor, by mesne assignments, to Pay-Pull Manufacturing Co., Inc., San Antonio, Tex. Coin-operated bottle opener. 2,556,268, June 12.
Gilbert, Jack A., Long Beach, N. Y. Carton and carton blank. 2,572,610, Oct. 23.
Gilbert, Joseph A., assignor to Rose Brothers (Gainsborough) Limited, Gainsborough, England. Wrapping machinery. 2,545,273, Mar. 13.
Gilbert, Joseph A., assignor to Rose Brothers (Gainsborough) Limited, Gainsborough, England. Wrapping machinery. 2,550,920, May 1.
Gilbert, Lemuel M., Oaklyn, N. J., and C. G. Derr, Philadelphia, Pa. Abrasive salvaging apparatus, 2,568,063, Sept. 18.
Gilbert, Leo A., South Portland, Maine. Bed dividing guard. 2,556,913, June 12.
Gilbert, Lloyd D., assignee: *See*—
Wallin, Horace C.
Gilbert, Morton R.: *See*—
Mashinter, William H., and Gilbert.
Gilbert, Nathan, Sheffield, and I. A. Hobbs, Florence, Ala., assignors to Tennessee Valley Authority. Making calcium fluoride. 2,573,704, Nov. 6.
Gilbert, Roswell W., Montclair, assignor to Weston Electrical Instrument Corporation, Newark, N. J. Field strength meter. 2,546,093, Mar. 20.
Gilbert, Roswell W., Montclair, assignor to Weston Electrical Instrument Corporation, Newark, N. J. Direct current amplifier. 2,550,990, May 1.
Gilbert, Roswell W., Montclair, assignor to Weston Electrical Instrument Corporation, Newark, N. J. Integrating apparatus. 2,575,951, Nov. 20.
Gilbert, Samuel, Cedar Grove, assignor to Bendix Aviation Corporation, Teterboro, N. J. Seal for engine starters. 2,538,866, Jan. 23.
Gilbert, Samuel, Cedar Grove, assignor to Bendix Aviation Corporation, Teterboro, N. J. Inertia starter. 2,553,186, May 15.
Gilbert, Samuel, Cedar Grove, assignor to Bendix Aviation Corporation, Teterboro, N. J. Engine starter. 2,571,230, Oct. 16.
Gilbert, Samuel, Cedar Grove, assignor to Bendix Aviation Corporation, Teterboro, N. J. Starter jaw actuating device. 2,571,231, Oct. 16.
Gilbert, Samuel, Cedar Grove, and J. R. Anderson, Morristown, assignors to Bendix Aviation Corporation, Teterboro, N. J. Element and accessory of power plants. 2,544,151, Mar. 6.
Gilbert, Samuel, Cedar Grove, N. J., and F. H. Miller, Narberth, Pa., assignors to Bendix Aviation Corporation, Teterboro, N. J. Direct cranking engine starter. 2,566,445, Sept. 4.
Gilbert, Stanley W., Middletown, assignor, by mesne assignments, to Niles-Bement-Pond Company, West Hartford, Conn. Vapor trap. 2,580,016, Dec. 25.
Gilbert, Taylor C., Dallas, Tex. Vaginal speculum. 2,545,201, Mar. 13.
Gilbert, Walter J., Sr., Indiana, assignor to Syntron Company, Homer City, Pa. Periscope seal. 2,568,392, Sept. 18.
Gilbert, Walter, Sr., Indiana, assignor to Syntron Company, Homer City, Pa. Rotary seal. 2,561,694, July 24.
Gilbert, William I.: *See*—
Montgomery, Charles W., Gilbert, and Hazen.
Montgomery, Charles W., Gilbert, and Kline.
Gilbert, William I., and W. A. Horne, Oakmont, assignors to Gulf Research & Development Company, Pittsburgh, Pa. Desulfurization of hydrocarbon oils. 2,560,433, July 10.
Gilbert, William I., and C. W. Montgomery, Oakmont, assignors to Gulf Research & Development Company, Pittsburgh, Pa. Synthesizing hydrocarbons. 2,579,663, Dec. 25.
Gilbert, William L., Clock Corporation, assignee: *See*—
Jauch, Christian.
Gilbert, William L., Clock Corporation, The, assignee: *See*—
Heymann, Roy D.
Morganson, Peter H.
Gilbo, De Motte W., Flint, Mich., assignor to American Telephone and Telegraph Company. Telegraph repeater. 2,547,575, Apr. 3.
Gilbreath, Albert L., assignee: *See*—
Gilbreath, John N.
Gilbreath, John N., Summerville, Ga. Loop cutting attachment for rib-knitting machines. 2,543,574, Feb. 27.
Gilbreath, John N., assignor of one-half to A. L. Gilbreath, Summerville, Ga. Two-step tucking device for knitting machines. 2,544,829, Mar. 13.
Gilchrist, Fred W., assignor to Toledo Scale Company, Toledo, Ohio. Weighing scale indicator. 2,549,190, Apr. 17.
Gilcrease, Leonard L., Hanford, Calif. Megaphone for wind instruments. 2,539,662, Jan. 30.
Gilda, Edward T.: *See*—
Wiegner, Joseph W., Gilda, Klasey, and Barnes.
Gilden, Maurice T., Bronx, N. Y., assignor to American Optical Company, Southbridge, Mass. Ophthalmic mounting. 2,571,704, Oct. 16.
Giles, Aquila C., assignor to Trans-Lux Corporation, New York, N. Y. Broad web projection display apparatus. 2,551,797, May 8.
Giles, David J., assignor to Latrobe Electric Steel Company, Latrobe, Pa. Ferrous alloys and articles made therefrom. 2,575,216, Nov. 13.
Giles, David J., assignor to Latrobe Electric Steel Company, Latrobe, Pa. Ferrous alloys and abrasive-resistant articles made therefrom. 2,575,217, Nov. 13.
Giles, David J., assignor to Latrobe Electric Steel Company, Latrobe, Pa. Ferrous alloys and abrasive-resistant articles made therefrom. 2,575,218, Nov. 13.
Giles, David J., assignor to Latrobe Electric Steel Company, Latrobe, Pa. Ferrous alloys and abrasive-resistant articles made therefrom. 2,575,219, Nov. 13.
Giles, Jeremiah D., Litchfield, Conn., and R. J. Scott, Beverly Hills, Calif., assignors, by mesne assignment, to Tilo Roofing Company, Inc. Separator for electric storage batteries. 2,578,534, Dec. 11.
Giles, Ronald A.: *See*—
Bianco, Henry R., Busby, and Giles.
Giles, Roy T., Daytona Beach, Fla. Refractory concrete and making. 2,537,218, Jan. 9.
Giles, William T., Shamokin, Pa. Beverage tapping bung. 2,539,349, Jan. 23.
Gilfillan Bros., Inc., assignee: *See*—
Jones, Kendall.
Gilfillan, Henry W., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Power transmission. 2,565,494, Aug. 28.
Gilg, Frank X.: *See*—
Mosier, Edwin K., and Gilg.
Gilhooly, James H., New York, N. Y., assignor to Socony-Vacuum Oil Company, Incorporated. Device to support regulators for dispensing liquified petroleum gases. 2,540,818, Feb. 6.
Gilkey, John W.: *See*—
Barry, Arthur J., and Gilkey.
Gilks, Ernest N., Harborne, Birmingham, England. Safety container for operation with radioactive substances. 2,551,491, May 1.
Gill, Carl: *See*—
Thompson, Andrew C., and Gill.
Gill, Harry A.: *See*—
Daly, Thomas A., and Gill.
Gill, Peter L., Osborn, Ohio. Induction heater for axial flow air compressors. 2,547,934, Apr. 10.
Gill, Ray H.: *See*—
Wilt, Homer E., and Gill.
Gill, Raymond E., assignor to J. D. Adams Manufacturing Co., Indianapolis, Ind. Change-speed transmission. 2,548,153, Apr. 10.
Gill, Raymond W., Pleasantville, N. J. Combined storm sash and screen. 2,539,827, Jan. 30.
Gill, Thomas J., Jr., Laurinburg, N. C. Internal-combustion engine. 2,552,006, May 8.
Gill, Vance D., assignee: *See*—
Bain, Earl R.
Gill, Walter W., Riverton, Wyo. Tool joint. 2,548,600, Apr. 10.
Gillard, Herbert W.: *See*—
Cecil, Lawrence K., and Gillard.
Gillaspie, Athey G., assignor to The Hamilton Laboratories, Inc., Asheville, N. C. Preparing organomercurials. 2,551,734, May 8.
Gillaspie, Athey G., assignor to The Hamilton Laboratories, Inc., Asheville, N. C. Slime control. 2,564,430, Aug. 14.
Gille Bros., assignee: *See*—
Funderburg, Joe D., and Heinmiller.
Gille Hugo E.: *See*—
Berggren, Lloyd E., Gille, and Smith.
Gille, Willis H., St. Paul, assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Component checking circuit for burner control apparatus. 2,537,295, Jan. 9.
Gille, Willis H., St. Paul, assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Electromagnetic actuator. 2,548,893, Apr. 17.
Gille, Willis H., St. Paul, assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Alternating current motor. 2,553,760, May 22.
Gillerstrom, Hilmer A., Aurora, assignor to Independent Pneumatic Tool Co., Chicago, Ill. Clay digger. 2,554,568, May 29.
Gillespie, Bruce G., Atlantic Highlands, N. J., assignor to Standard Oil Development Company. Hydrocarbon synthesis. 2,552,422, May 8.

Gillespie, Daniel C., Oak Park, assignor to Borg-Warner Corporation, Chicago, Ill. Snap fastener. 2,548,838, Apr. 10.
Gillespie, Daniel C., Oak Park, assignor to Borg-Warner Corporation, Chicago, Ill. Electrical connector. 2,577,748, Dec. 11.
Gillespie, Dwight E., Toledo, Ohio, assignor to Owens-Illinois Glass Company. Paper receptacle. 2,567,017, Sept. 4.
Gillespie, Robert N., J. K. Mair, and C. J. McNally, assignors to Cement Gun Company, Inc., Allentown, Pa. Pneumatic spraying apparatus. 2,566,024, Aug. 28.
Gillespie, Sidney L., assignor to Woodward Governor Company, Rockford, Ill. Adjustable speed fluid actuated servomotor. 2,542,765, Feb. 20.
Gillespie, Sidney L., assignor to Woodward Governor Company, Rockford, Ill. Safety control for prime movers. 2,563,834, Aug. 14.
Gillessen, Fred, Milan, Italy. Sanitary and hygienic girdle. 2,572,331, Oct. 23.
Gillett, Glenn D., Belle Haven, Va., assignor to the United States of America as represented by the Secretary of the Navy. Rotatably mounted drawer. 2,566,186, Aug. 28.
Gillett, Glenn D., New London, Conn., assignor to the United States of America as represented by the Secretary of the Navy. Drag-barrel motor. 2,542,659, Feb. 20.
Gillette, Edgar N., Mercedes, Tex. Thermostatic controlled pressure operated mixing faucet. 2,578,796, Dec. 18.
Gillette, Frank N.: *See*—
King, George W., and Gillette.
Gillette, Frank N., and R. W. Lee, Pleasantville, N. Y., assignors to General Precision Laboratory Incorporated. Electronic switch circuit. 2,559,499, July 3.
Gillette Safety Razor Company, assignee: *See*—
Muros, Joseph.
Muros, Joseph, and Smith.
Shnitzler, Meyer J.
Testi, Nicholas.
Toth, Alexander E.
Young, Louis H.
Gillich, Stephen G., Clark Township, Union County, and B. M. Littlehale, Cranford, assignors to Excel Tool & Die Co., Inc., Rahway, N. J. Variable cutting device. 2,550,146, Apr. 24.
Gilliland, Edwin R., Arlington, Mass., assignor to Standard Oil Development Company. Metallurgical process. 2,557,650, June 19.
Gilliland, Edwin R., Arlington, Mass., assignor to Standard Oil Development Company. Apparatus for conducting metallurgical process. 2,557,651, June 19.
Gilliland, Edwin R., Arlington, Mass., C. E. Morrell, Westfield, C. S. Carlson, and N. C. Robertson, Elizabeth, N. J., assignors to Standard Oil Development Company. Extractive distillation of alcohols from close-boiling aqueous mixtures. 2,551,593, May 8.
Gilliland, William H., and F. H. Turnham, assignors to USCO Power Equipment Corp., Birmingham, Ala. High-voltage switch assembly. 2,575,707, Nov. 20.
Gillis, N. B., assignee: *See*—
McGehee, Burnard.
Gillis, Randall: *See*—
Fitch, Hugh, and Gillis.
Gilman, Henry S., Springfield, Mass. Tie slide for collars. 2,555,482, June 5.
Gilman, Samuel, Baltimore, Md., and J. E. Hill, Forest Hills, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Electric resistor. 2,542,808, Feb. 20.
Gilmont, Roger, Brooklyn, N. Y. Producing soluble coffee. 2,563,233, Aug. 7.
Gilmore, Edward R., assignor to Rockwell Manufacturing Company, Pittsburgh, Pa. Gas meter. 2,544,665, Mar. 13.
Gilmore, Forrest E., Bartlesville, Okla., assignor to Phillips Petroleum Company. Catalytic reactor. 2,548,966, Apr. 17.
Gilmore, Forrest E., Bartlesville, Okla., assignor to Phillips Petroleum Company. Continuous removal of impurities from refrigerant during a refrigeration process. 2,551,666, May 8.
Gilmore, Samuel E., assignor to Kunkle Valve Company, Fort Wayne, Ind. Relief valve. 2,547,862, Apr. 3.
Gilmour, Robert A., Somerset, Pa. Discharge control valve mechanism for water nozzles. 2,536,167, Jan. 2.
Gilmour, Thomas, Brooklyn, N. Y. Detachable heel. 2,542,078, Feb. 20.
Gilmour, Thomas, Brooklyn, N. Y. Interchangeable shoe heels. 2,556,842, June 12.
Gilreath, John F., Charlotte, N. C. Tractor mounted pulverizer and roller combination. 2,574,385, Nov. 6.
Gilron Products Company, assignee: *See*—
Orozco, Gilbert H., and Roy.
Gilson, Guy F., Los Angeles, Calif. Machine for cutting arcuate members. 2,548,302, Apr. 10.
Gilson, Robert M., Swissvale, and L. K. Hedding, Wilkinsburg, Pa., assignors to Westinghouse Air Brake Company. Power supply means. 2,579,313, Dec. 18.
Gilson, William, Los Angeles, Calif. Temporary shutoff alarm clock mechanism. 2,562,712, July 31.
Gilson, William D.: *See*—
Manteuffel, Allan, and Gilson.
Gimbal, Leroy M., Oakland, Calif. Tray. 2,563,330, Aug. 7.
Gimmler, Raymond W., New York, N. Y. Bedstead. 2,572,469, Oct. 23.
Ginard, John A., New York, N. Y. Push-button biturn single-pole switch. 2,577,960, Dec. 11.
Ginder, John C. S., Etna, and J. M. Walsh, Jr., Clairton, Pa., assignors to United States Steel Company. Protective covering for blast furnace bells. 2,559,763, July 10.
Gindoff, Max: *See*—
Huber, William A., and Gindoff.
Ginell, Anny M.: *See*—
Ginell, Robert and A. M.
Ginell, Robert and A. M., Jersey City, N. J. Plastic article and method of treatment. 2,572,719, Oct. 23.
Gingras, Edward F., Buffalo, N. Y. Driving belt. 2,557,095, June 19.
Gingrich, Sherman W., Le Claire, Iowa, and R. J. Gross, Rock Island, Ill., assignors to Chief Alinement Corp. Frame straightening and/or truing apparatus. 2,563,527, Aug. 7.
Ginn, Earl, Detroit, assignor to Continental Motors Corporation, Muskegon, Mich. Multiple engine power plant. 2,545,458, Mar. 20.
Ginsberg, Helen, assignor to G & G Glove Co., New York, N. Y. Machine for making double-stitched gloves. 2,560,100, July 10.
Ginsburg, Abram: *See*—
Rueggeberg, Walter H. C., Frantz, and Ginsburg.
Ginsterblum, Kenneth, Osage, Iowa. Wheel chair steering and drive control. 2,567,065, Sept. 4.
Ginter, Charles W., assignor to The Aro Equipment Corporation, Bryan, Ohio. Lubrication apparatus and cabinet. 2,541,352, Feb. 13.
Ginter, Charles W., assignor to The Aro Equipment Corporation, Bryan, Ohio. Adjustable handle for tools. 2,545,659, Mar. 20.
Ginther, Robert L.: *See*—
Moore, Milford B., Willis, and Ginther.
Ginwright, Victor M., Jackson, Ala., assignor to Vanity Fair Mills, Inc., Reading, Pa. Sewing-machine presser foot. 2,548,361, Apr. 10.
Giodvad Grell, assignee: *See*—
Gambetta, Emmanuel L.
Giordano, Costanzo, Jr., Chicago, Ill. Apparatus for rotating and spray painting disks. 2,579,737, Dec. 25.
Giordano, Salvatore, Forest Hills, N. Y. Handbag frame. 2,556,874, June 12.
Giorgi, Adelmo, assignee: *See*—
Pasquesi, Battista.
Giorgi, Antonio, Milan, Italy. Friction speed gear. 2,555,079, May 29.
Gippert, LeRoy E., Dunkirk, N. Y., assignor to Allegheny Ludlum Steel Corporation, Brackenridge, Pa. Shock resistant alloy steel. 2,562,543, July 31.
Gipple, Oliver A., Buffalo, N. Y. Closure operator. 2,561,358, July 24.
Girard, Byron P., and B. A. Raetsch, Baltimore, Md., assignors to Western Electric Company, Incorporated, New York, N. Y. Assembling fixture. 2,573,432, Oct. 30.
Girard, Dean C., San Leandro, Calif., assignor, by mesne assignments to National Cylinder Gas Company. Alternating current arc welding system. 2,555,481, June 5.
Girard, Dean C., San Leandro, and F. T. Roach, Hayward, Calif., assignors, by mesne assignments, to National Cylinder Gas Company. Arc welding system. 2,573,901, Nov. 6.
Girard Manufacturing Products, Inc., assignee: *See*—
Robinson, Girard C.
Girardi, Chester, assignor to H. G. & S. Manufacturing Corp., Newton, Wis. Rockable mount for breakback mowers. 2,550,412, Apr. 24.
Girardot, La Mar C.: *See*—
Brown, William T., and Girardot.
Giraudo, Ettore, Turin, Italy. Apparatus for spraying hides and skins. 2,565,655, Aug. 28.
Girdler Corporation, The, assignee: *See*—
Alexander, Bruce T.
Bevarly, Henry W.
Ellsworth, Carl E., and Gilbert.
Miller, Bruce D.
Parmenter, Robert B., and Marven.
Proctor, Austin.
Walstrom, John E.
Girling, Albert H. G.: *See*—
Pratt, James H., Manley, and Girling.
Girling, Frank E. J., Malvern, England. Cathode-ray tube time base. 2,546,065, Mar. 20.
Girling Limited, assignee: *See*—
Hogg, William.
Mace, Thomas K.
Pratt, James H., Manley, and Girling.
Giroud, Henry A., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Ground trainer for aircraft personnel. 2,556,964, June 12.
Giroud, Henry A., New York, N. Y., G. C. Irwin, Fair Haven, and L. A. Kille, Morristown, N. J., J. B. Retallack, New York, G. Riggs, Port Washington, N. Y., and W. B. Strickler, East Orange, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Transcribing and summarizing system. 2,572,132, Oct. 23.

Girschowitch, Charles I., assignee: *See*—
Ferri, Tito A.
Girton, Paul K., Millville, Pa. Knockdown wash tank assembly. 2,537,219, Jan. 9.
Gisholt Machine Company, assignee: *See*—
Godfriaux, Louis E.
Johnson, Charles H.
Leifer, Lorenz A.
Sundt, Vigo V. K.
Sundt, Vigo von Krogh.
Gislon, André, assignor to Compagnie Française de Raffinage (Societe Anonyme), Paris, France. Alkylation process. 2,550,413, Apr. 24.
Gislon, André, Paris, and J. Quiquerez, Saint-Cloud, assignors to Compagnie Francaise de Raffinage (Société Anonyme), Paris, France. Vinyl chloride resins plasticized with chlorinated hydrocarbons. 2,556,721, June 12.
Gislon, André, Paris, and J. Quiquerez, Saint-Cloud, assignors to Compagnie Francaise de Raffinage (Societe Anonyme), Paris, France. Vinyl chloride resin plasticized with chlorinated hydrocarbons. 2,558,177, June 26.
Gislon, André, and A. M. Valet, assignors to Compagnie Française de Raffinage (Societe Anonyme), Paris, France. Manufacture of alcohols from olefins. 2,574,325, Nov. 6.
Gisondi, Emanuel, New York, N. Y. Self-locking drive fastening device. 2,550,060, Apr. 24.
Gist, Cleo D., assignee: *See*—
Patterson, Luther E.
Gist, Elmar L., Cleburne, Tex. Wall cabinet. 2,553,965, May 22.
Gist, William B., Jr., C. Lynne, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Combustion chamber with retrorse baffles for preheating the fuel-air mixture. 2,552,851, May 15.
Gister, Sidney: *See*—
Duesel, Bernard F., and Gister.
Gittings, Daniel O., Pittsburgh, Pa., assignor to United States Steel Company. Aluminum coating of ferrous metal and resulting product. 2,565,768, Aug. 28.
Gittings, William N., Oakmont, Pa., assignor to General Electric Company. Eccentric magnetic suspension. 2,578,419, Dec. 11.
Gittins, Harold, Wilkes-Barre, Pa. Automatic parallax adjustment for dual cameras. 2,548,213, Apr. 10.
Giudice, Benjamin, Brooklyn, N. Y. Skate clamp. 2,579,256, Dec. 18.
Giuffrida, Philip: *See*—
Thomson, E. Craig, and Giuffrida.
Giuffrida, Philip, Lawrence, assignor to Combustion Control Corporation, Cambridge, Mass. Electrode mounting device. 2,541,236, Feb. 13.
Giuffrida, Philip, Lawrence, assignor to Photoswitch, Incorporated, Cambridge, Mass. Movie projector safety switch. 2,566,187, Aug. 28.
Giuliano, Joseph G., Detroit, Mich. Beverage faucet. 2,568,444, Sept. 18.
Giusti, Raolo B.: *See*—
Giusti, Tito and R. B.
Giusti, Tito and R. B., London, England. Regulating air-charging means for ice-cream freezers. 2,569,235, Sept. 25.
Givaudan, Arturo, Mexico City, Mexico. Third dimension photographic projection screen. 2,548,967, Apr. 17.
Givaudan Corporation, The, assignee: *See*—
Eichel, Frederick G.
Gump, William S., and Nikawitz.
Given Machinery Company, assignee: *See*—
Jordan, Hans.
Givenrod, Wilburn H., Belleville, Ill., assignor to AVCO Manufacturing Corporation, Cincinnati, Ohio. Chemical phosphate and chemical fertilizer sower. 2,541,867, Feb. 13.
Gjesdahl, Maurice S.: *See*—
Hollengreen, Milburn A., Balsiger, and Gjesdahl.
Gjolberg, Kristian, assignee: *See*—
Hansen, Dortheus A.
Glabe, Elmer F., assignor to Food Technology, Inc., Chicago, Ill. Ice-cream stabilizer. 2,555,849, June 5.
Gladding, Edward K., Greenville, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Nitro-(2′-thenoyl)-alkyl benzoates. Re. 23,405, Sept. 4.
Gladfelter, Wiltie I., assignor to Pangborn Corporation, Hagerstown, Md. Work blasting equipment. 2,574,867, Nov. 13.
Gladfelter, Wiltie I., and R. R. Garver, assignors to Pangborn Corporation, Hagerstown, Md. Wet blasting machine. 2,576,008, Nov. 20.
Gladstone, William D., New York, N. Y. Appliance for musical instruments. 2,565,225, Aug. 21.
Glafent Corporation, assignee: *See*—
Teichmann, Henry F.
Glanzer, Harry J., Dayton, Ohio. Pipe thread plug measuring device. 2,543,012, Feb. 27.
Glarum, Sivert N., Ardmore, and A. L. Houk, assignors to Rohm & Haas Company, Philadelphia, Pa. Quaternary ammonium pentachlorophenates. 2,541,816, Feb. 13.
Glarum, Sivert N., Wyncote, Pa., and A. L. Houk, San Luis Obispo, Calif., assignors to Röhm & Haas Company, Philadelphia, Pa. Heterocyclic quaternary ammonium pentachlorophenates. 2,541,961, Feb. 13.
Glasco, Mark A., Middletown, Ohio. Hose supporter. 2,540,516, Feb. 6.
Glasco, Mark A., Middletown, Ohio. Paper stock screening apparatus. 2,540,517, Feb. 6.
Glascote Products, Inc., assignee: *See*—
Brown, Carl S., and Deuring.
Glasebrook, Arthur L., assignor to Hercules Powder Company, Wilmington, Del. Corrosion inhibitor composition. 2,564,757, Aug. 21.
Glaser, Clarence F., and H. G. Pillsbury, Detroit, Mich. Decorative article for Christmas ornaments. 2,554,363, May 22.
Glaser, Donald A.: *See*—
Didde, Carl W., and Glaser.
Glaser, Rolf, Rorschach, assignor to Rigid Limited, Rorschacherberg, Switzerland. Apparatus for copying by means of machine tools. 2,542,507, Feb. 20.
Glaser, Roy W., A. and E. J. Olson, Burlington, Wis. Milk cooler. 2,556,080, June 5.
Glasford, Glenn M., Passaic, and E. M. Usher, Montclair, assignors to Allen B. Du Mont Laboratories, Inc., Passaic, N. J. Circuit for minimizing transients during switching between two video channels. 2,546,338, Mar. 27.
Glasgow, Clarence O., assignor to National Tank Company, Tulsa, Okla. Magnetic pilot valve. 2,564,894, Aug. 21.
Glasgow, Clarence O., assignor to National Tank Company, Tulsa, Okla. Pilot gas regulator. 2,578,005, Dec. 11.
Glasgow, Clarence O., and J. L. Maher, assignors to National Tank Company, Tulsa, Okla. Heating vessels. 2,579,184, Dec. 18.
Glasner, Rudolph W.: *See*—
Johansen, Einar K., and Glasner.
Glasner, Rudolph W., Chicago, and E. K. Johansen, Oak Park, assignors to Clearing Machine Corporation, Chicago, Ill. Press. 2,550,061, Apr. 24.
Glasner, Rudolph W., Chicago, and E. K. Johansen, Oak Park, assignors to Clearing Machine Corporation, Chicago, Ill. Triple-action press. 2,550,062, Apr. 24.
Glass, Arthur A., assignee: *See*—
Bach, Henry M.
Shapiro, Lazarus C.
Glass, Dudley B.: *See*—
Weissberger, Arnold, and Glass.
Weissberger, Arnold, Glass, and Vittum.
Glass, Floyd M., Oak Ridge, Tenn., assignor to the United States of America as represented by the United States Atomic Energy Commission. System for determining tube characteristics. 2,571,439, Oct. 16.
Glass, Henry P., Chicago, Ill. Key case. 2,540,819, Feb. 6.
Glass, John V. S.: *See*—
Carter, Charles, and Glass.
Glass, Myron S., West Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Tuning arrangement. 2,537,341, Jan. 9.
Glass, Paul: *See*—
Ziebolz, Herbert, and Glass.
Glass, Paul, assignor to Askania Regulator Company, Chicago, Ill. Balancing sensitivity of dual tubes. 2,539,127, Jan. 23.
Glassbrook, Clarence I., Glen Echo Farm, N. J., assignor to Socony-Vacuum Oil Company, Incorporated. Radio-frequency spectrometer. 2,544,078, Mar. 6.
Glassbrook, Clarence I., Swedesboro, N. J., assignor to Socony-Vacuum Company, Incorporated. Electronic reactor. 2,541,697, Feb. 13.
Glassburn, William E., Bloomfield, N. J., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Protective relay. 2,565,127, Aug. 21.
Glassco, Rosalind M.: *See*—
Kelly, John H., Jr., and Glassco.
Glassey, Courtney O., assignor to Eastman Kodak Company, Rochester, N. Y. Printing plate and printing. 2,543,013, Feb. 27.
Glassey, Philip P., Cazenovia, assignor to Easy Washing Machine Corporation, Syracuse, N. Y. Tripod gun mount. 2,575,805, Nov. 20.
Glatfelter, P. H., Company, assignee: *See*—
Erspamer, August S.
Glatt, Charles J., Philadelphia, Pa. Locking device. 2,537,049, Jan. 9.
Glatt, Herbert, Newark, N. J. Ironing pad cover. 2,570,110, Oct. 2.
Glaxner, Daniel, Pampa, Tex., assignor to Colombian Carbon Company, New York, N. Y. Flame shield assembly for carbon black apparatus. 2,571,127, Oct. 16.
Glaxo Laboratories Limited, assignee: *See*—
Evans, Ronald M.
Hems, Benjamin A., and Clayton.
Glazunov, Alexandre, Geneva, Switzerland. Direct production of refined aluminum. 2,552,423, May 8.
Gleasman, Hollis K.: *See*—
Gleasman, Vernon E. and H. K.
Gleasman, Vernon E., Elmira, N. Y. Vane type fluid drive. 2,552,167, May 8.
Gleasman, Vernon E., Elmira, N. Y. Puzzle. 2,553,913, May 22.
Gleasman, Vernon E., Elmira, N. Y. Differential. 2,559,916, July 10.
Gleasman, Vernon E., Elmira, N. Y. Scale. 2,579,664, Dec. 25.
Gleasman, Vernon E. and H. K., Elmira, N. Y. Taper tap. 2,546,066, Mar. 20.

Gleason, Anthony H., Westfield, N. J., assignor to Standard Oil Development Company. Drying oil-dimer copolymers and making same. 2,536,845, Jan. 2.
Gleason, Clifford J., Leicester, Mass. Pulsator. 2,543,284, Feb. 27.
Gleason, Howard S., Rochester, N. Y., assignor to Stromberg-Carlson Company. Motion transmitting means. 2,536,803, Jan. 2.
Gleason, Howard S., Rochester, N. Y., assignor to Stromberg-Carlson Company. Watertight plug and jack. 2,562,544, July 31.
Gleason, James Arthur, assignee, trustee: *See*—
Hoover, Paul L.
Gleason Works, assignee: *See*—
Bauer, Oliver F., and Schauseil.
Carlsen, Leonard O.
Critchley, William C., and Male.
Peters, Joseph M.
Wildhaber, Ernest.
Gleave, Russell, and E. A. Dickmann, assignors to Bemis Bro. Bag Company, St. Louis, Mo. Draw cord anchorage. 2,550,464, Apr. 24.
Gledhill, Edward C., Galion, Ohio. Road grader with tiltable wheels. 2,543,285, Feb. 27.
Gledhill, Eric G. B.: *See*—
Young, Thomas N., and Gledhill.
Gledhill, Melvin C., Las Cruces, N. Mex. Cutting torch attachment. 2,569,304, Sept. 25.
Gleim, Clyde E., assignor to Wingfoot Corporation, Akron, Ohio. Dicarbamates and polymers. 2,541,646, Feb. 13.
Gleim, Clyde E., assignor to Wingfoot Corporation, Akron, Ohio. Resin-forming reaction of phenol, aldehyde, and amine in presence of polyhalophenol. 2,545,692, Mar. 20.
Gleim, Clyde E., assignor to Wingfoot Corporation, Akron, Ohio. Allyl amine carbonates, polymers, and copolymers. 2,579,426, Dec. 18.
Gleim, Clyde E., assignor to Wingfoot Corporation, Akron, Ohio. Allyl amine carbonates, polymers, and copolymers. 2,579,427, Dec. 18.
Gleim, William K. T.: *See*—
Chenicek, Joseph A., and Gleim.
Gleim, William K. T., Orland Park, assignor to Universal Oil Products Company, Chicago, Ill. Synthesis of coumarans. 2,546,499, Mar. 27.
Gleim, William K. T., Orland Park, and A. Gaydasch, Brookfield, assignors to Universal Oil Products Company, Chicago, Ill. Preparation of substituted quinones. 2,573,136, Oct. 30.
Gleitz, Jerome D., Euclid, assignor to The Marquette Metal Products Company, Cleveland, Ohio. Pump packing means. 2,539,996, Jan. 30.
Gleitz, Jerome D., Euclid, assignor to The Marquette Metal Products Company, Cleveland, Ohio. Engine regulating system. 2,566,188, Aug. 28.
Glenbard Tool Mfrs., Inc., assignee: *See*—
McDonald, John H., and Evans.
Glendenning, Everett B.: *See*—
Caron, John B. R., Glendenning, and Wies.
Caron, John B. R., Wies, and Glendenning.
Wies, Calmy, Caron, and Glendenning.
Glendinning, William G., Seale, Farnham, and G. A. Earwicker, Farnborough, England. Electrically heated panel. 2,543,363, Feb. 27.
Glendora Manufacturing Company, assignee: *See*—
McDonald, Charles D.
Glenfield and Kennedy Limited, assignee: *See*—
Boucher, Percival L., and Rowntree.
Glenn, Alexander F., Maywood, Calif. Message delivery device having a pair of upwardly diverging light-conveying rods. 2,539,071, Jan. 23.
Glenn, Cecil W., Kingfisher, Okla. Fishing device. 2,564,840, Aug. 21.
Glenn, Edward W., New York, N. Y. Girdle and garter combination. 2,543,526, Feb. 27.
Glenn, Irving G., New York, N. Y. Electric heater. 2,577,080, Dec. 4.
Glenn, John F.: *See*—
Knock, Frances E., and Glenn.
Glenn, Joy L., Memphis, Tenn. Adjustable support for hammer drills. 2,571,862, Oct. 16.
Glenn, Thomas C., Berea, Ohio. Roller skate truck construction. 2,572,133, Oct. 23.
Glenn, William E., Jr., Birmingham, Ala., assignor to the United States of America as represented by the United States Atomic Energy Commission. Pulse analyzer. 2,560,166, July 10.
Glenn, William E., Jr., Berkeley, Calif., assignor to the United States of America as represented by the United States Atomic Energy Commission. Pulse shaping circuit. 2,560,167, July 10.
Glenn, William S., Jr., Spartanburg, S. C. Tiltable platform for industrial trucks. 2,575,552, Nov. 20.
Glenny, Clarence S., Rockford, Ill., assignor to The Washburn Company, Worcester, Mass. Soft drink bottle carrier. 2,551,262, May 1.
Glenny, Clarence S., and R. C. Method, Rockford, Ill., assignors to The Washburn Company, Worcester, Mass. Bicycle basket. 2,576,111, Nov. 27.
Glens Falls Laboratory, Inc., assignee: *See*—
Bowers, Kenneth, and Mason.
Glenside Bag Company, assignee: *See*—
Wagner, Melvin.
Glick, Anne C., Dunmore, Pa. Curling hair. 2,575,589, Nov. 20.
Glick, Francis J.: *See*—
Liston, Thomas R., Spatz, Mazur, and Glick.
Glick, Harvey L., Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Pulse generator. 2,575,708, Nov. 20.
Glickman, Mannes N., and M. Klebanoff, Nutley, N. J. Hermetic crystal holder. 2,577,576, Dec. 4.
Glickman, Samuel A., Easton, Pa., assignor to General Aniline & Film Corporation, New York, N. Y. Preparation of 1-halo-3-trihalopropyl ethers. 2,560,219, July 10.
Glidden Company, The, assignee: *See*—
Julian, Percy L., Meyer, Cole, and Magnani.
Julian, Percy L., Meyer, and Printy.
Julian, Percy L., Printy, and Meyer.
Klinker, Louis G.
Rubenstein, Herschel B., and Braverman.
Wagner, Levi F., and Bresler.
Gliotti, Chester, assignee: *See*—
Kline, Magnus M.
Gliss, George E., Baltimore, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Apparatus for measuring extrusion pressures. 2,557,738, June 19.
Glitsch Engineering Company, assignee: *See*—
Glitsch, Hans C.
Glitsch, Hans C., assignor to Glitsch Engineering Company, Dallas, Tex. Wedge actuated C clamp. 2,540,781, Feb. 6.
Glitsch, Hans C., assignor to Glitsch Engineering Company, Dallas, Tex. Bubble cap riser. 2,547,383, Apr. 3.
Glitsch, Hans C., assignor to Glitsch Engineering Company, Dallas, Tex. Bubble cap assembly. 2,547,384, Apr. 3.
Gliwa, Michael, Chicago, Ill. Airplane rudder. 2,572,134, Oct. 23.
Globash, Stephen, and M. A. Guiliano, New York, N. Y. Automatic and manually operated lathe. 2,554,102, May 22.
Globe American Corporation, assignee: *See*—
Harvey, William D.
Sherman, Alvin G.
Globe Automatic Sprinkler Company, assignee: *See*—
Rowley, Arthur C.
Globe Company, The, assignee: *See*—
Triggs, Ronald G.
Globe Hoist Company, assignee: *See*—
Estel, George A., Jr.
Globe Industries, Inc., assignee: *See*—
Hoffman, Paul S.
Globe Milker Incorporated, assignee: *See*—
Thompson, Elmer B.
Globe Oil Tools Company, assignee: *See*—
Goodwin, John S.
Whittaker, Charles E.
Globe, Samuel: *See*—
Hilsenrath, Joseph, and Globe.
Globe Slicing Machine Co., Inc., assignee: *See*—
Lundell, Arnold W.
Zimmermann, Carl T.
Globe-Union Inc., assignee: *See*—
Khouri, Alfred S., and Wolff.
Sperry, Leonard J.
Globe Wernicke Company, The, assignee: *See*—
Brinker, John H.
Walker, Carl.
Gloess, Paul, assignor to Societe francaise Sadir-Carpentier, Paris, France. Radio distance and moving target indicator. 2,566,189, Aug. 28.
Gloess, Paul F. M., assignor to Societe francaise Sadir-Carpentier, Paris, France. Target detecting system. 2,557,869, June 19.
Gloess, Paul F. M., and L. J. Libois, Paris, France. Pulse permutating electrical circuits. 2,543,907, Mar. 6.
Gloess, Paul F. M., and L. J. Libois, Paris, France. Device for translating duration or time modulated pulses into coded pulses. 2,560,434, July 10.
Gloess, Paul F. M., and L. J. Libois, Paris, France. Binary coding by successive subtractions. 2,569,927, Oct. 2.
Glo-Lure, Inc., assignee: *See*—
Fisher, Jesse.
Gloor, Walter E., New Brunswick, N. J., assignor to Hercules Powder Company, Wilmington, Del. Cellulose derivative plastic composition. 2,558,047, June 26.
Glore, Robert F., Scotch Plains, and K. H. Schunke, North Plainfield, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Internal pipe cutter. 2,572,611, Oct. 23.
Gloss, Gunter H., Redwood City, assignor to Marine Magnesium Products Corporation, South San Francisco, Calif. Magnesium hydroxide product and the manufacture of said magnesium hydroxide product. 2,552,314, May 8.
Gloss, Gunter H., Redwood City, Calif., assignor to Merck & Co., Inc., Rahway, N. J. Manufacture of anhydrous magnesium carbonate. 2,580,168, Dec. 25.
Gloss, Richard G., Cranston, R. I. Slider for separable fasteners. 2,537,749, Jan. 9.
Glover, Bill, Incorporated, assignee: *See*—
Glover, William C., Jr.
Glover, William C., Sr., and W. C. Glover, Jr.

Glover, Charles W., London, England. Roof construction of buildings. 2,543,692, Feb. 27.
Glover, John A.: *See*—
Piros, John J., and Glover.
Glover, Rexford C., Clio, Mich. Conduit for electrical connections and outlet terminals. 2,547,385, Apr. 3.
Glover, Robert E., Denver, Colo. Reflex integraph. 2,540,111, Feb. 6.
Glover, Robert L., Poland, assignor to The Car Dumper Corporation, Youngstown, Ohio. Rotary car dumper. 2,542,660, Feb. 20.
Glover, Roland L., Lakewood, Ohio, assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Dry cell. 2,552,091, May 8.
Glover, William C., Jr.: *See*—
Glover, William C., Sr., and W. C. Glover, Jr.
Glover, William C., Jr., Kansas City, Mo., assignor to Bill Glover Incorporated. Garment finishing apparatus. 2,562,662, July 31.
Glover, William C., Sr., and W. C. Glover, Jr., Lee's Summit, Mo., assignors to Bill Glover Incorporated. Apparatus for finishing garments. 2,551,209, May 1.
Glow, Arthur E., and L. Coakley, East Pepperell, Mass., assignors to Bemis Bro. Bag Company, St. Louis, Mo. Bale loading and closing apparatus. 2,561,853, July 24.
Gloyer, Stewart W.: *See*—
Freeman, Stephen E., and Gloyer.
Gloyer, Stewart W., Milwaukee, Wis., assignor to Pittsburgh Plate Glass Company. Solvent concentration of vitamins. 2,573,902, Nov. 6.
Gluck, Fred C., assignor to Minerva Wax Paper Company, Minerva, Ohio. Dispenser and support bracket therefor. 2,537,050, Jan. 9.
Gluckin, Gerald W., assignor to William Gluckin & Co., Inc., New York, N. Y. Brassière. 2,559,500, July 3.
Gluckin, William, & Co., Inc., assignee: *See*—
Gluckin, Gerald W.
Gluckman, Maxfield, Jackson Heights, N. Y. Display container. 2,540,664, Feb. 6.
Gluckman, Maxfield, Jackson Heights, N. Y. Merchandise display apparatus. 2,576,508, Nov. 27.
Gluesenkamp, Earl W., Centerville, Ohio, assignor to Monsanto Chemical Company, St. Louis, Mo. Porous composition made with substituted carbamyl amino acid as blowing agent. 2,572,568, Oct. 23.
Gluhareff, Michael E., Bridgeport, assignor to United Aircraft Corporation, East Hartford, Conn. Rotor blade retention of a bolted and cemented construction. 2,568,230, Sept. 18.
Glumer, Gustavo V., and J. M. Romero, Mexico City, Mexico. Child's riding toy. 2,545,231, Mar. 13.
Gluyas, Thomas M., Jr., Collingswood, N. J., assignor to Radio Corporation of America. Push-pull operated double diode clamping circuit for direct-current reinsertion. 2,539,774, Jan. 30.
Gluyas, Thomas M., Jr., Westmont, N. J., assignor to Radio Corporation of America. Directional antenna. 2,540,518, Feb. 6.
Gluyas, Thomas M., Jr., Collingswood, N. J., assignor to Radio Corporation of America. Modulator. 2,570,789, Oct. 9.
Gluyas, Thomas M., Jr., Haddon Township, Camden County, N. J., assignor to Radio Corporation of America. Voltage regulator. 2,579,816, Dec. 25.
Glynn, Jay G.: assignee: *See*—
Booth, John L.
Glyptis, Nicholas D., Chicago, Ill. Ion trap. 2,555,850, June 5.
Glyptis, Nicholas D., Chicago, Ill. Ionization gauge and operation. 2,573,005, Oct. 30.
Gmeiner, Harry H., executor: *See*—
Minor, Charles G.
Goad, Sherman, Indianapolis, Ind. Hay handling apparatus. 2,546,094, Mar. 20.
Gobeil, Olivier, Chicoutimi, Quebec, Canada. Automatic cutting depth regulator for ploughs. 2,567,107, Sept. 4.
Goble, Bert G., Tulsa, Okla. Daylight sun illuminated cross and tower. 2,564,061, Aug. 14.
Goble, Ralph W., Long Beach, Calif., assignor to Eastman Oil Well Survey Company, Denver, Colo. Apparatus for determining the character of fluids which are present in well bores. 2,570,111, Oct. 2.
Gochenour, Carl I., assignor to Hooker Electrochemical Company, Niagara Falls, N. Y. Perfluoro carbon compounds. 2,546,997, Apr. 3.
Gochenour, Carl I., assignor to Hooker Electrochemical Company, Niagara Falls, N. Y. Fluorochlorobutanes. 2,554,857, May 29.
Gochenour, Carl I., assignor to Hooker Electrochemical Company, Niagara Falls, N. Y. Preparation of trifluorotrichloropropene. 2,558,703, June 26.
Godat, Edmond, Los Angeles, Calif., assignor to United States Rubber Company, New York, N. Y. Automatic cutting device. 2,550,191, Apr. 24.
Godbey, Josiah J., United States Navy. Tunable resonant circuit. 2,537,985, Jan. 16.
Godbout, Marthe, Quebec, Quebec, Canada. Security jacket. 2,536,363, Jan. 2.
Godchaux Sugars, Inc., assignee: *See*—
Evans, Raymond N.
Goddard, Alvin C., Long Island, assignor to Toast-O-Lator Co., Inc., Long Island City, N. Y. Bread toaster. 2,549,375, Apr. 17.
Goddard, De Witt R., Riverhead, N. Y., assignor to Radio Corporation of America. Magnetic record. 2,550,803, May 1.
Goddard, De Witt R., Riverhead, N. Y., assignor to Radio Corporation of America. Variable frequency oscillator. 2,568,852, Sept. 25.
Goddard, Esther C., executrix: *See*—
Goddard, Robert H.
Goddard, Leslie J., Bromborough, assignor to Joseph Lucas Limited, Birmingham, England. Liquid fuel burner nozzle. 2,544,417, Mar. 6.
Goddard, Robert H., deceased, Annapolis, Md., by E. C. Goddard, executrix, Paxton, Mass., assignor of one-half to The Daniel and Florence Guggenheim Foundation, New York, N. Y. Recoil-operated feeding apparatus for a combustion chamber used in aerial propulsion. 2,536,597, Jan. 2.
Goddard, Robert H., deceased, Annapolis, Md., by E. C. Goddard, executrix, Worcester, Mass., assignor of one-half to The Daniel and Florence Guggenheim Foundation, New York, N. Y. Premixing and fuel feeding arrangement for combustion chambers. 2,536,598, Jan. 2.
Goddard, Robert H., deceased, Annapolis, Md., by E. C. Goddard, executrix, Worcester, Mass., assignor of one-half to The Daniel and Florence Guggenheim Foundation, New York, N. Y. Steam-operated rotating combustion chamber. 2,536,599, Jan. 2.
Goddard, Robert H., deceased, Annapolis, Md., by E. C. Goddard, executrix, Worcester, Mass., assignor of one-half to The Daniel and Florence Guggenheim Foundation, New York, N. Y. Rotating, feeding, and cooling means for combustion chambers. 2,536,600, Jan. 2.
Goddard, Robert H., deceased, Annapolis, Md., by E. C. Goddard, executrix, Worcester, Mass., assignor of one-half to The Daniel and Florence Guggenheim Foundation, New York, N. Y. Feed valve mechanism for rotating combustion chambers. 2,536,601, Jan. 2.
Goddard, Robert H., deceased, Annapolis, Md., by E. C. Goddard, executrix, Paxton, Mass., assignor of one-half to The Daniel and Florence Guggenheim Foundation, New York, N. Y. Mechanism for coaxial feeding of two combustion liquids to a combustion chamber. 2,540,665, Feb. 6.
Goddard, Robert H., deceased, Annapolis, Md., by E. C. Goddard, executrix, Worcester, Mass., assignor of one-half to The Daniel and Florence Guggenheim Foundation, New York, N. Y. Fuel feeding and premixing apparatus for combustion chambers. 2,540,666, Feb. 6.
Goddard, Robert H., deceased, Annapolis, Md., by E. C. Goddard, executrix, Worcester, Mass., assignor of one-half to The Daniel and Florence Guggenheim Foundation, New York, N. Y. Driving means for rotating combustion chambers. 2,544,418, Mar. 6.
Goddard, Robert H., deceased, Annapolis, Md., by E. C. Goddard, executrix, Worcester, Mass., assignor of one-half to The Daniel and Florence Guggenheim Foundation, New York, N. Y. Combustion chamber with wide-angle discharge for use in propulsion apparatus. 2,544,419, Mar. 6.
Goddard, Robert H., deceased, Annapolis, Md., by E. C. Goddard, executrix, Worcester, Mass., assignor of one-half to The Daniel and Florence Guggenheim Foundation, New York, N. Y. Combustion chamber in rotating annular casing. 2,544,420, Mar. 6.
Goddard, Robert H., deceased, Annapolis, Md., by E. C. Goddard, executrix, Worcester, Mass., assignor of one-half to The Daniel and Florence Guggenheim Foundation, New York, N. Y. Automatic control mechanism for gas storage tanks. 2,544,421, Mar. 6.
Goddard, Robert H., deceased, Annapolis, Md., by E. C. Goddard, executrix, Worcester, Mass., assignor of one-half to The Daniel and Florence Guggenheim Foundation, New York, N. Y. Cooling means for a combustion chamber and nozzle in which solid fuel is burned. 2,544,422, Mar. 6.
Goddard, Robert H., deceased, Annapolis, Md., by E. C. Goddard, executrix, Worcester, Mass., assignor of one-half to The Daniel and Florence Guggenheim Foundation, New York, N. Y. Liquid-sealing means between stationary and rotated parts. 2,544,423, Mar. 6.
Goddard, Robert H., deceased, Annapolis, Md., by E. C. Goddard, executrix, Worcester, Mass., assignor of one-half to The Daniel and Florence Guggenheim Foundation, New York, N. Y. Sleeve valve for resonance combustion apparatus. 2,548,430, Apr. 10.
Goddard, Robert H., deceased, Annapolis, Md., by E. C. Goddard, executrix, Paxton, Mass., assignor of one-half to The Daniel and Florence Guggenheim Foundation, New York, N. Y. Revolving combustion chamber. 2,551,111, May 1.
Goddard, Robert H., deceased, Annapolis, Md., by E. C. Goddard, executrix, Paxton, Mass., assignor of one-half to The Daniel and Florence Guggenheim Foundation, New York, N. Y. Premixing combustion chamber. 2,551,112, May 1.
Goddard, Robert H., deceased, Annapolis, Md., by E. C. Goddard, executrix, Worcester, Mass., assignor of one-half to The Daniel and Florence Guggenheim Foundation, New York, N. Y. Liquid feeding mechanism for combustion chambers. 2,551,113, May 1.

Goddard, Robert H., deceased, Annapolis, Md., by E. C. Goddard, executrix, Worcester, Mass., assignor of one-half to The Daniel and Florence Guggenheim Foundation, New York, N. Y. Two-liquid feeding device for combustion chambers. 2,551,114, May 1.

Goddard, Robert H., deceased, Annapolis, Md., by E. C. Goddard, executrix, Worcester, Mass., assignor of one-half to The Daniel and Florence Guggenheim Foundation, New York, N. Y. Hollow partition between premixing and combustion chambers for rockets. 2,551,115, May 1.

Goddard, Robert H., deceased, Annapolis, Md.; E. C. Goddard, executrix of said R. H. Goddard, assignor of one-half to The Daniel and Florence Guggenheim Foundation, New York, N. Y. Feeding and cooling means for continuously operated internal-combustion chambers. 2,555,080, May 29.

Goddard, Robert H., deceased, Annapolis, Md.; by E. C. Goddard, executrix, Paxton, Mass., assignor of one-half to The Daniel and Florence Guggenheim Foundation, New York, N. Y. Supplying liquids to an annular rotating combustion chamber. 2,555,081, May 29.

Goddard, Robert H., deceased, Annapolis, Md.; by E. C. Goddard, executrix, Worcester, Mass, assignor to one-half to The Daniel and Florence Guggenheim Foundation, New York, N. Y. Liquid oxygen and fuel feeding apparatus utilizing oxygen for scavenging. 2,555,082, May 29.

Goddard, Robert H., deceased, Annapolis, Md.; by E. C. Goddard, executrix, Worcester, Mass., assignor of one-half to The Daniel and Florence Guggenheim Foundation, New York, N. Y. Launching apparatus for rocket craft. 2,555,083, May 29.

Goddard, Robert H., deceased, Annapolis, Md.; by E. C. Goddard, executrix, Worcester, Mass., assignor to one-half to The Daniel and Florence Guggenheim Foundation, New York, N. Y. Deflecting axial flow in a combustion chamber for propulsion apparatus. 2,555,084, May 29.

Goddard, Robert H., deceased, Annapolis, Md.; by E. C. Goddard, executrix, Worcester, Mass., assignor to one-half to The Daniel and Florence Guggenheim Foundation, New York, N. Y. Two-liquid feeding reflecting device for combustion chambers in propulsion apparatus. 2,555,085, May 29.

Goddard, Robert H., deceased, Annapolis, Md.; E. C. Goddard, executrix of said R. H. Goddard, assignor of one-half to The Daniel and Florence Guggenheim Foundation, New York, N. Y. Feeding apparatus, including injectors adapted to supply combustion liquids under pressure to a combustion chamber. 2,558,483, June 26.

Goddard, Robert H., deceased, Annapolis, Md., by E. C. Goddard, executrix, Worcester, Mass., assignor of one-half to The Daniel and Florence Guggenheim Foundation, New York, N. Y. Cooling jacket and heat-resistant cap for combustion chambers. 2,558,484, June 26.

Goddard, Robert H., deceased, Annapolis, Md.; E. C. Goddard, executrix, assignor of one-half to The Daniel and Florence Guggenheim Foundation, New York, N. Y. Fuel feeding mechanism for detonating combustion apparatus. 2,563,022, Aug. 7.

Goddard, Robert H., deceased, Annapolis, Md., by E. C. Goddard, executrix, Paxton, Mass., assignor of one-half to The Daniel and Florence Guggenheim Foundation, New York, N. Y. Combustion chamber with multiple discharge nozzles. 2,563,023, Aug. 7.

Goddard, Robert H., deceased, Annapolis, Md., by E. C. Goddard, executrix, Worcester, Mass., assignor of one-half to The Daniel and Florence Guggenheim Foundation, New York, N. Y. Deflector for resonance combustion chambers. 2,563,024, Aug. 7.

Goddard, Robert H., deceased, Annapolis, Md., by E. C. Goddard, executrix, Worcester, Mass., assignor of one-half to The Daniel and Florence Guggenheim Foundation, New York, N. Y. Auxiliary turbine and pump for combustion chambers. 2,563,025, Aug. 7.

Goddard, Robert H., deceased, Annapolis, Md., by E. C. Goddard, executrix, Worcester, Mass., assignor of one-half to The Daniel and Florence Guggenheim Foundation, New York, N. Y. Opposed conical jacket wall rotary combustion chamber. 2,563,026, Aug. 7.

Goddard, Robert H., deceased, Annapolis, Md., by E. C. Goddard, executrix, Worcester, Mass., assignor of one-half to The Daniel and Florence Guggenheim Foundation, New York, N. Y. Device for opening up streams of combustion gases. 2,563,027, Aug. 7.

Goddard, Robert H., deceased, Annapolis, Md., by E. C. Goddard, executrix, Worcester, Mass., assignor of one-half to The Daniel and Florence Guggenheim Foundation, New York, N. Y. Combustion apparatus comprising a combustion chamber with target type premixing extension. 2,563,028, Aug. 7.

Goddard, Robert H., deceased, Annapolis, Md., by E. C. Goddard, executrix, Worcester, Mass., assignor of one-half to The Daniel and Florence Guggenheim Foundation, New York, N. Y. Jacketed reaction nozzle with hollow spiral vanes for rocket motors. 2,563,029, Aug. 7.

Goddard, Robert H., deceased, Annapolis, Md., by E. C. Goddard, executrix, Paxton, Mass., assignor of one-half to The Daniel and Florence Guggenheim Foundation, New York, N. Y. Combustion apparatus, including flame type ignition means. 2,569,887, Oct. 2.

Goddard, Robert H., deceased, Annapolis, Md., by E. C. Goddard, executrix, Worcester, Mass., assignor of one-half to The Daniel and Florence Guggenheim Foundation, New York, N. Y. Feeding and mixing means for rotating combustion chambers. 2,576,678, Nov. 27.

Goddard, Ruth M., New York, N. Y. Detachable bust separator. 2,559,294, July 3.

Goddard, Ted, Los Angeles, Calif. Wire dispenser. 2,545,079, Mar. 13.

Godeene, Pierre, Brussels, Belgium. Device for taking radiograms. 2,536,499, Jan. 2.

Godefroid, William V., assignor of one-half to C. L. Propst, Valley Park, Mo. Concrete block molding machine. 2,560,722, July 17.

Godefroy, Johan, Overveen, Netherlands. Thermostatic device for controlling heating apparatus. 2,568,916, Sept. 25.

Godet, Raymond, Paris, France. Gas fueling system for filling truck-mounted container by using the power of the truck motor. 2,574,177, Nov. 6.

Godfrey, Charles J.: *See*—
Shuler, Clyde, Godfrey, and Medlar.

Godfrey, Charles L., Jackson Heights, N. Y. String anchoring fitment for tennis rackets. 2,542,661, Feb. 20.

Godfrey, James H., Berlin, and C. Powers, assignors to The Stanley Works, New Britain, Conn. Router. 2,562,143, July 24.

Godfrey, John W.: *See*—
Rogers, Philip S., Emmons, Godfrey, and Kelso.

Godfrey, Kenneth L., Dunbar, W. Va., assignor to Monsanto Chemical Company, St. Louis, Mo. Preparation of thiophosphoryl chloride. 2,547,158, Apr. 3.

Godfrey, Milton L., Elkins Park, Pa., assignor, by mesne assignments, to E. Y. Edwards, Irvington, N. Y. Ratchet device. 2,565,961, Aug. 28.

Godfriaux, Louis E., assignor to Gisholt Machine Company, Madison, Wis. Automatic turret lathe. 2,565,305, Aug. 21.

Godfriaux, Louis E., assignor to Gisholt Machine Company, Madison Wis. Tool feed for lathes. 2,579,566, Dec. 25.

Godley, Noah H., Charlotte, N. C. Hayrake. 2,579,041, Dec. 18.

Godley, Philip, 2nd, Lexington, assignor to National Research Corporation, Cambridge, Mass. Automatic control of evaporated metal film thickness. 2,545,576, Mar. 20.

Godley, Philip, 2nd, Lexington, assignor to National Research Corporation, Cambridge, Mass. Thermionic discharge device control. 2,554,902, May 29.

Godley, Philip, 2nd, Lexington, assignor to National Research Corporation, Cambridge, Mass. Metal coating by vapor deposition. 2,562,182, July 31.

Godley, Philip, 2nd, Lexington, and W. O. Di Pietro, Watertown, assignors to National Research Corporation, Cambridge, Mass. Production of metal-free stripes on metal-coated sheet material. 2,569,414, Sept. 25.

Godman, H. C., Company, The, assignee: *See*—
Hesselberg, Arthur F.

Godowsky, Leopold, Jr., Westport, Conn., assignor to Eastman Kodak Company, Rochester, N. Y. Mixed grain photographic emulsions. 2,548,526, Apr. 10.

Godsey, Frank W., Jr., Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Force responsive device for flow meters. 2,571,863, Oct. 16.

Godschalk, Jacques L., Chicago, Ill. Folding bed. 2,547,863, Apr. 3.

Godshalk, Clarence A., Ardmore, and L. A. Medlar, Oreland, assignors, by mesne assignments, to Sterlingworth Company, Philadelphia, Pa. Safety thermal control system for battery chargers. 2,563,234, Aug. 7.

Godshalk, James B., assignor, by mesne assignments, to Sterlingworth Company, Philadelphia, Pa. Thermally controlled battery charger. 2,550,344, Apr. 24.

Godshall, John C., Roslyn, assignor to Automatic Temperature Control Co., Inc., Philadelphia, Pa. Valve. 2,536,275, Jan. 2.

Goebel, Charles G., assignor to Emery Industries, Inc., Cincinnati, Ohio. Polyfunctional compositions. 2,573,433, Oct. 30.

Goebel, Elmer W., and G. F. Kurz, St. Louis, Mo. Motor handling device. 2,580,018, Dec. 25.

Goebel, Herman L., Chicago, Ill., assignor to International Molded Plastics, Inc. Lamp socket for elongated tubular lamps. 2,573,007, Oct. 30.

Goebel, Max T., Rocky River, and R. K. Iler, Cleveland Heights, Ohio, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Werner-type chromium compounds as laminating and coating compositions. 2,544,666, Mar. 13.

Goebel, Max T., Rocky River, and R. K. Iler, Cleveland Heights, Ohio, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Werner-type chromium compounds as laminating and coating compositions. 2,544,667, Mar. 13.

Goebel, Max T., Rocky River, and R. K. Iler, Cleveland Heights, Ohio, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Werner-type chromium compounds. 2,544,668, Mar. 13.

Goebel, Max T., Rocky River, Ohio, J. W. Langston, La Porte, Tex., D. J. Loder, Wilmington, Del., and H. T. Siefen, Shaker Heights, Ohio, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Purification of choral. 2,559,247, July 3.

Goehring, Francis R., Philadelphia, Pa., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Diaphragm control valve. 2,564,569, Aug. 14.
Goenner, Eugene, Woodside, N. Y. Building wall construction. 2,577,323, Dec. 4.
Goepfert, George J.: *See*—
Howard, Elmer E., and Goepfert.
Ries, Kernell G., and Goepfert.
Goepfert, George J., and L. L. Cofran, assignors to The Carborundum Company, Niagara Falls, N. Y. Abrasive wheel. 2,540,112, Feb. 6.
Goepfert, George J., Niagara Falls, and E. E. Howard, Buffalo, assignors to The Carborundum Company, Niagara Falls, N. Y. Composite abrasive article. 2,557,047, June 12.
Goepfert, Otto F., Brevard, assignor, by mesne assignments, to Ecusta Paper Corporation, Pisgah Forest, N. C. Cigarette paper booklet machine. 2,567,201, Sept. 11.
Goepfert, Werner F.: *See*—
Gessler, Albert E., and Goepfert.
Goepfrich, George A., Stamford, Conn., assignor, by mesne assignments, to The Skinner Chuck Company. Valve. 2,543,455, Feb. 27.
Goepfrich, George A., and W. C. Rohn, assignors to Bendix Aviation Corporation, South Bend, Ind. Automatic gun charger. 2,572,612, Oct. 23.
Goerdeler, Pearl P., Brooklyn, N. Y. Yarn winding frame. 2,580,088, Dec. 25.
Goerke, Edwin O.: *See*—
McCullough, William E., and Goerke.
Goertz, John R., Clarksville, Ind., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Arresting the polymerization of chloroprene. 2,576,009, Nov. 20.
Goertz, Raymond C., Hempstead, N. Y., assignor to The Sperry Corporation. Eddy-current generator and control circuits. 2,567,202, Sept. 11.
Goertzen, William S., Newton, Kans. Electric switch. 2,542,132, Feb. 20.
Goesch, Reuben E., Sutton, Nebr. Pickup guard. 2,577,324, Dec. 4.
Goett, John J., Chicago, Ill., assignor to the United States of America as represented by the United States Atomic Energy Commission. Automatic flange system. 2,536,602, Jan. 2.
Goettl, Adam D., Phoenix, Ariz. Louver structure for air coolers. 2,557,502, June 19.
Goetz, Henry G., Short Hills, and H. F. Ruschmann, Bernardsville, N. J. Solution agitating device. 2,541,353, Feb. 13.
Goetz, Maurus T., assignor to Teletype Corporation, Chicago, Ill. Vertical tabulation mechanism for telegraph printers. 2,554,903, May 29.
Goff, Charles E., Sherrill, N. Y. Pin setting machine. 2,547,203, Apr. 3.
Goff, Harold W.: *See*—
Albert, Walter P., and Goff.
Goff, Harold W., Manhasset, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Stepping device. 2,554,981, May 29.
Goff, Harold W. Manhasset, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Key sequence indicating keyset. 2,570,940, Oct. 9.
Goff, Harold W., Manhasset, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Setscrew. 2,572,613, Oct. 23.
Goff, Harold W., Manhasset, N. Y. Belt. 2,575,952, Nov. 20.
Goff, Henry J., Stockton, Calif. Box end assembly machine. 2,548,527, Apr. 10.
Goff, James W., Taunton, assignor to Industrial Machine Works, Inc., South Hanson, Mass. Shaft coupling. 2,551,735, May 8.
Goffart, André A. J. J., Brussels, Belgium. Manufacture of collapsible tubes and like containers or articles of hardened lead thinly coated with tin. 2,551,116, May 1.
Gogan, Joseph, Lakewood, Ohio. Thickness testing machine. 2,567,333, Sept. 11.
Gogel, Adelbert J., Maumee, Ohio. Spark plug cleaner. 2,554,858, May 29.
Goggin, Theodore C., Pitman, assignor to Clark & Clark Co., Weonah, N. J. Amphetamine chewing gum. 2,536,168, Jan. 2.
Gogolick, Roland M., Arlington, C. L. Goldthwaite, West Newton, and W. F. P. Pardy, North Billerica, assignors to Ultrasonic Corporation, Cambridge, Mass. Agitating apparatus. 2,562,545, July 31.
Gohlke, Harvey G., Detroit, Mich. Collection bag for urine. 2,536,052, Jan. 2.
Gohn, Joseph F., assignee: *See*—
Witthofft, Charles H.
Gohorel, Fernand P., Antony, France, assignor to International Standard Electric Corporation, New York, N. Y. Transmission system for controls and signals for toll or long distance telephone circuits. 2,549,803, Apr. 24.
Gohorel, Fernand P., Paris, France, assignor to International Standard Electric Corporation, New York, N. Y. Secondary preselector. 2,546,998, Apr. 3.
Goik, Roman F., Waukesha, Wis. Vehicle speed maintaining device. 2,554,619, May 29.
Goins, Robert R., Bartlesville, Okla., assignor to Phillips Petroleum Company. Pebble heating chamber. 2,536,436, Jan. 2.
Goins, Robert R., Bartlesville, Okla., assignor to Phillips Petroleum Company. Pebble heating chamber. 2,565,809, Aug. 28.
Golaszewski, Joseph, Chicago, Ill. Rodent trap. 2,562,663, July 31.
Golay, Charles R., Cambridge City, Ind. Dump wagon. 2,555,406, June 5.
Golay, Charles R., Cambridge City, Ind. Side delivery truck body. 2,569,161, Sept. 25.
Golay, Marcel J. E., Long Branch, N. J. Multiplex communication system utilizing successive, different pulse modulation techniques. 2,567,203, Sept. 11.
Golay, Marcel J. E., West End, N. J. Radiation detecting device. 2,557,096, June 19.
Gold, Harriet H., assignee: *See*—
Hopp, Philip and L.
Gold, Harry: *See*—
Brothman, Abraham, Gold, and Levine.
Goldberg, Abraham G., Chestnut Hill, Mass. Suspensible child's chair. 2,548,016, Apr. 10.
Goldberg, Abraham G., Chestnut Hill, Mass. Gas vent for gasoline filling systems for automobiles. 2,565,555, Aug. 28.
Goldberg, Alan A., Hampstead, assignor to Ward, Blenkinsop & Company Limited, London, England. Substituted diphenylamine 2-mono-carboxylic acids and the production thereof. 2,553,914, May 22.
Goldberg, Alan A., Hampstead, London, and N. L. Thomas, Shepton Mallet, assignors to Ward, Blenkinsop & Company Limited, London, England. Para-hippurylamido salicylic acids and derivatives and manufacture. 2,548,257, Apr. 10.
Goldberg, Alan A., Hampstead, London, and H. A. Walker, Croscombe, near Wells, assignors to Ward Blenkinsop & Company Limited, London, England. Para-amino hydroxybenzamides. 2,554,186, May 22.
Goldberg, Alfred G., assignee: *See*—
Suddarth, Jack M., and Richarz.
Goldberg, Edward, M. A., and J., New York, N. Y. Mop and brush cleaning device. 2,566,408, Sept. 4.
Goldberg, Edwin A., Princeton Junction, N. J., assignor to Radio Corporation of America. Polynominal equation solver. 2,558,430, June 26.
Goldberg, Edwin A., Princeton Junction, N. J., assignor to Radio Corporation of America. Electronic commutator. 2,563,406, Aug. 7.
Goldberg, Ernest W., Chicago, Ill. Film splicing device. 2,561,856, July 24.
Goldberg, Harold: *See*—
Omberg, Arthur C., and Goldberg.
Goldberg, Harold, assignor to Bendix Aviation Corporation, Towson, Md. Frequency converter comprising piezoelectric crystal stabilization. 2,562,311, July 31.
Goldberg, Harold, assignor to Bendix Aviation Corporation, Towson, Md. Television intermediate frequency amplifier. 2,574,259, Nov. 6.
Goldberg, Harold, Baltimore, Md., and G. H. Miller, assignors to Stromberg-Carlson Company, Rochester, N. Y. Delayed pulse circuit arrangement. 2,536,804, Jan. 2.
Goldberg, Harold D. and M. I., New York, N. Y., assignors to the United States of America as represented by the United States Atomic Energy Commission. Electromagnetically operated counter. 2,579,231, Dec. 18.
Goldberg, Harry, assignor, by mesne assignments, to Pioneer Gen-E-Motor Corporation, Chicago, Ill. Cutter bar for lawn mowers and the like. 2,576,593, Nov. 27.
Goldberg, Harry, and M. D. Burrows, assignors to Pioneer Gen-E-Motor Corporation, Chicago, Ill. Cutter bar for lawn mowers and the like. 2,543,364, Feb. 27.
Goldberg, Harry, and M. D. Burrows, assignors to Pioneer Gen-E-Motor Corporation, Chicago, Ill. Rope starter. 2,563,719, Aug. 7.
Goldberg, Herman M., assignor to Standard Refrigeration Company, Inc., Chicago, Ill. Pressure reducing device for refrigerating apparatus. 2,568,123, Sept. 18.
Goldberg, Jack: *See*—
Goldberg, Edward, M. A., and J.
Goldberg, Jacob M., Denver, Colo. Fishing reel. 2,571,440, Oct. 16.
Goldberg, Joseph H., assignor to Drink-O-Matic Co., Chicago, Ill. Multibeverage vending machine. 2,545,614, Mar. 20.
Goldberg, Leon J., Schenectady, N. Y., assignor to General Electric Company. Alternating-current electromagnet with armature. 2,546,740, Mar. 27.
Goldberg, Louis, Glen Cove, N. Y. Dispensing closure for collapsible containers with delayed-action, self-closing valve. 2,559,070, July 3.
Goldberg, Louis B., Denver, Colo. Film reel carrying case. 2,558,839, July 3.
Goldberg, Max, New York, N. Y. Intermittent actuated vacuum bag filling machine for fibrous material. 2,564,969, Aug. 21.
Goldberg, Max A.: *See*—
Goldberg, Edward, M. A., and J.
Goldberg, Milton I.: *See*—
Goldberg, Harold D. and M. I.
Goldberg & O'Brien Electric Co., assignee: *See*—
White, Thomas W.

Goldberg, Ralph, Denver, Colo. Window frame and sash. 2,559,764, July 10.
Goldberger, Géza, Budapest, Hungary. Apparatus for effecting transcriptions. 2,571,563, Oct. 16.
Goldberger, Morris A., New York, N. Y. Infant's crib. 2,560,945, July 17.
Goldblatt, Leo A., and D. M. Oldroyd, New Orleans, La., assignors to United States of America, as represented by the Secretary of Agriculture. Halogenated terpene addition compounds. 2,564,685, Aug. 21.
Golden, Alton H., East Cleveland, Ohio. Adjustable filter darkroom light. 2,545,274, Mar. 13.
Golden, Benjamin L., and T. J. Sullivan, Denver, Colo. Dehorning paste applier with magazine feed. 2,580,169, Dec. 25.
Golden, Bertie C., assignor to Millhiser Bag Company, Inc., Richmond, Va. Tagging machine. 2,537,342, Jan. 9.
Golden, Bertie C., assignor to Millhiser Bag Company, Inc., Richmond, Va. Bag stringing mechanism. 2,565,495, Aug. 28.
Golden, Harold: *See*—
Smith, Cornelius W., and Golden.
Goldenberg, Abraham, Brooklyn, N. Y. Stapling machine. 2,574,697, Nov. 13.
Goldenberg, Meyer I., Brooklyn, N. Y. Foldable clothes-washing machine. 2,538,095, Jan. 16.
Golden State Company, Ltd., assignee: *See*—
Peebles, David D.
Peebles, David D., and Hensley.
Sharp, Paul F.
Sharp, Paul F., and Hoecker.
Sharp, Paul F., Peebles, Hawk, and Besemer.
Sharp, Paul F., and Shields.
Sharp, Paul F., and Wasson.
Goldfarb, Adolph, assignor to M. R. Kraus, Chicago, Ill., as trustee. Child's feeding device. 2,544,594, Mar. 6.
Goldfarb, Adolph, assignor to M. R. Kraus, Chicago, Ill., as trustee. Children's feeding device. 2,546,122, Mar. 20.
Goldfarb, Adolph, assignor to M. R. Kraus, Chicago, Ill., as trustee. Animated smoke emitting toy. 2,546,123, Mar. 20.
Goldfield, Edwin R., University Heights, and J. Ball, assignors to Picker X-ray Corporation Waite Manufacturing Division, Inc., Cleveland, Ohio. X-ray tube safety device. 2,572,258, Oct. 23.
Goldfine, Wesley R., Chicago, Ill. Folding chair. 2,550,993, May 1.
Golding Bros. Company, Inc., assignee: *See*—
Lamport, Samuel H.
Golding, Herbert I., Brooklyn, N. Y. Bed spring. 2,537,664, Jan. 9.
Golding, Suzanne, New York, N. Y. Eye mask. 2,543,104, Feb. 27.
Goldis, Jerome D., and L. J. Harbaugh, San Diego, Calif. Light attachment for dental drills. 2,539,828, Jan. 30.
Goldman, Albert D., Baltmore, Md. Generator tester. 2,578,694, Dec. 18.
Goldman, David A., Brooklyn, N. Y. Music box with selective operation means. 2,557,061, June 19.
Goldman, Esther R., Newark, assignor to Fibre Products Laboratories, Inc., New Brunswick, N. J. Unwoven flexible fabric. 2,545,952, Mar. 20.
Goldman, Irving, Brooklyn, N. Y. Adjustable ear muffs. 2,561,857, July 24.
Goldman, Irving, New York, N. Y. Built-up container. 2,554,021, May 22.
Goldman, Irving A., Alexandria, Va. Robot controlled limb. 2,567,066, Sept. 4.
Goldman, Isadore, Brooklyn, N. Y. Steam pressing machine with vacuum-valve operating mechanism. 2,555,967, June 5.
Goldman, Leon, Nyack, assignor to American Cyanamid Company, New York, N. Y. Isolation of penicillin. 2,547,640, Apr. 3.
Goldman, Louis, Newton, assignor to Bancroft Cap Company, Boston, Mass. Adjustable sport cap. 2,556,807, June 12.
Goldman, M., & Company, Inc., assignee: *See*—
Silver, Leonard H., and Cohen.
Goldman, Markus, New York, N. Y. Sandal with tab-ended straps. 2,554,823, May 29.
Goldman, Maurice A., New Brunswick, N. J., assignor, by mesne assignments, to Textron Incorporated, Providence, R. I. Manufacture of pile fabrics and products thereof. 2,550,686, May 1.
Goldman, Robert, Chicago, Ill. Automobile luggage and support therefor. 2,578,238, Dec. 11.
Goldman, Stanford, Fairfield, Conn., assignor to General Electric Company. Communication system. 2,566,882, Sept. 4.
Goldman, Sylvan N., Oklahoma City, Okla. Store service carriage. 2,556,532, June 12.
Goldmark, Peter C., New Canaan, Conn., assignor to Columbia Broadcasting System, Inc., New York, N. Y. Color television. 2,543,772, Mar. 6.
Goldmerstein, Isaac, New York, N. Y. Cooling belt. 2,544,381, Mar. 6.
Goldsbarry, Albert W., Northbrook, and M. M. Tomaszewski, assignors to The Pure Oil Company, Chicago, Ill. Differential pressure distilling apparatus and method. 2,578,469, Dec. 11.
Goldsberry, Francis M., Ontario, Calif. Bulk tank truck with conveyor unloader. 2,573,193, Oct. 30.
Goldsborough, Shirley L.: *See*—
Lensner, Herbert W., Goldsborough, and Cheek.
Goldsborough, Shirley L., Basking Ridge, N. J., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Single-element modified impedance relay. 2,542,809, Feb. 20.
Goldsborough, Shirley L., Basking Ridge, N. J., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Polarized protective relay. 2,545,995, Mar. 20.
Goldsborough, Shirley L., Basking Ridge, and J. L. Blackburn, East Orange, N. J., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Phase-comparison carrier-current relay. 2,539,416, Jan. 30.
Goldsby, Arthur R., Beacon, assignor to The Texas Company, New York, N. Y. Manufacturing motor fuels by polymerization and alkylation. 2,567,283, Sept. 11.
Goldsby, Fred L.: *See*—
Orr, Clifford M., and Goldsby.
Goldsby, Fred L., and C. M. Orr, Chicago, Ill., assignors to Chicago Bridge & Iron Company. Seal for floating roof tanks. 2,537,986, Jan. 16.
Goldsby, Fred L., and C. M. Orr, Chicago, Ill., assignors to Chicago Bridge & Iron Company. Support for a seal for floating roofs. 2,537,987, Jan. 16.
Goldsby, Fred L., and C. M. Orr, Chicago, Ill., assignors to Chicago Bridge & Iron Company. Floating roof. 2,541,049, Feb. 13.
Goldsby, Fred L., and C. M. Orr, Chicago, Ill., assignors to Chicago Bridge & Iron Company. Wiper for floating roof tanks. 2,568,728, Sept. 25.
Goldschein, Max H., Washington, D. C. Photographic copying apparatus. 2,557,097, June 19.
Goldschmidt, Alfred: *See*—
Denison, George H., Jr., and Goldschmidt.
Goldschmidt, Ernst E., London, England. Denture. 2,543,773, Mar. 6.
Goldschmidt, Max, now by change of name Mac Goldsmith, assignor to Metalastik Limited, Leicester, England. Resilient bush or bearing. 2,562,381, July 31.
Goldschmidt, Max, and A. Sommer, New York, N. Y. Dust shield for eyeglasses. 2,574,639, Nov. 13.
Goldschmidt, Rudolf: *See*—
Wood, Albert E., and Goldschmidt.
Goldschmidt, Rudolf, Eckington, Sheffield, and A. E. Wood, assignors to The Birmingham Small Arms Company Limited, Birmingham, England. Electric switch. 2,571,564, Oct. 16.
Goldsmith, Alfred N., New York, N. Y., assignor to Radio Corporation of America. Color facsimile scanning device. 2,548,783, Apr. 10.
Goldsmith, Alfred N., assignor to Radio Corporation of America, New York, N. Y. Signal transmission system. 2,557,278, June 19.
Goldsmith, Alfred N., assignor to Radio Corporation of America, New York, N. Y. Stereoscopic and stereosonic television system. 2,566,700, Sept. 4.
Goldsmith, Alfred N., assignor to Radio Corporation of America, New York, N. Y. Cabinet for television receivers. 2,566,830, Sept. 4.
Goldsmith, Alfred N., New York, N. Y., assignor to Radio Corporation of America. Color television system. 2,560,168, July 10.
Goldsmith, Alfred N., New York, N. Y., assignor to Radio Corporation of America. Automatic registration of component color images. 2,568,543, Sept. 18.
Goldsmith, Alfred N., New York, N. Y. Television inspection system. 2,561,197, July 17.
Goldsmith, Alfred N., New York, N. Y. Stereoscopic television system. 2,578,298, Dec. 11.
Goldsmith, Allen L., Adrian, assignors to Bohn Aluminum & Brass Corporation, Detroit, Mich. Shelf. 2,568,148, Sept. 18.
Goldsmith, Bertram J., Neshanic, N. J., and W. H. Hindle, Allentown, Pa., assignors to Royal Swan, Inc., Dover, Del. Dyeing only the cellulose acetate ends of a mixed fabric using a dye paste comprising a swelling agent for the cellulose acetate. 2,573,705, Nov. 6.
Goldsmith, Henry A., Dayton, Ohio. Life preserver. 2,538,775, Jan. 23.
Goldsmith, Joseph, assignor to Raytheon Manufacturing Company, Newton, Mass. Coaxial line stub support. 2,568,281, Sept. 18.
Goldsmith, Julius B., Lawrence, N. Y. Intraoral cassette. 2,562,453, July 31.
Goldsmith, Leo J., Denver, Colo. Rapid calculator for traverse tables. 2,573,194, Oct. 30.
Goldsmith, Mac: *See*—
Goldschmidt, Max.
Goldsmith, Marion D., Dallas, Tex. Protector shield for garment hangers. 2,558,082, June 26.
Goldsmith, Walter N., Campbell, Mo., assignor of one-fourth to L. M. Smith, Cedar Hill, Tenn., and one-fourth to O. N. Redfairn, Campbell, Mo. Victim reset animal trap. 2,555,641, June 5.
Goldstaub, Heinz H., Snaresbrook, England. Pillbox and like container of small articles. 2,549,681, Apr. 17.
Goldstein, Alexander, and H. Blatter, Wettingen, assignors to Aktiengesellschaft Brown, Boveri & Cie, Baden, Switzerland. Apparatus for controlling the timing of periodically actuated switches of mechanical current converters. 2,557,739, June 19.

Goldstein, Alexander, and H. Blatter, Wettingen, assignors to Aktiengesellschaft Brown, Boveri & Cie, Baden, Switzerland. Apparatus for controlling the timing of periodically actuated switches. 2,557,740, June 19.
Goldstein, Emanuel: *See*—
La Flamme, Alderic W., and Goldstein.
Goldstein, Herman B., Cranston, and A. S. Waldman, Providence, R. I., assignors to Sun Chemical Corporation, New York, N. Y. Aqueous sizing compositions. 2,565,962, Aug. 28.
Goldstein, Jacob, Mishawaka, Ind. Spring construction. 2,548,968, Apr. 17.
Goldstein, Jacob, Mishawaka, Ind. Spring assembly. 2,579,818, Dec. 25.
Goldstein, Jamesina, New York, N. Y. Foldable lady's hat. 2,573,564, Oct. 30.
Goldstein, Ladislas: *See*—
Deloraine, Edmond M., and Goldstein.
Goldstein, Ladislas, New York, and N. L. Cohen, Rockaway Beach, assignors to International Standard Electric Corporation, New York, N. Y. Transmission system for high-frequency currents. 2,557,961, June 26.
Goldstein, Maxwell K., Washington, D. C. Direction finder. 2,544,669, Mar. 13.
Goldstein, Maxwell K., Washington, D. C. Determination of ground constants. 2,575,340, Nov. 20.
Goldstein, Morris: *See*—
Fesen, John C., and Goldstein.
Goldstein, Myer, Mattapan, Mass. Safety handle lock for pressure cookers. 2,537,665, Jan. 9.
Goldstein, Saul, San Francisco, Calif. Forming a pouring spout blank. 2,576,594, Nov. 27.
Goldstein, Saul, San Francisco, Calif. Dispensing container. 2,576,595, Nov. 27.
Goldstine, Hallan E., Port Jefferson, N. Y., assignor to Radio Corporation of America. Generating groups of currents. 2,574,326, Nov. 6.
Goldsworthy, Norman H., assignor to Continental Can Company, Inc., New York, N. Y. Double sheet detector. 2,579,922, Dec. 25.
Goldthwaite, Chandler L.: *See*—
Gogolick, Roland M., Goldthwaite, and Pardy.
Goldwater, Melvin, New York, N. Y. Insulated container for bottles. 2,573,259, Oct. 30.
Goldy, Benjamin H.: *See*—
Foster, Levin W., and Goldy.
Golenpaul, Dan, New York, N. Y. Television forum table. 2,542,662, Feb. 20.
Golf Research & Development Company, assignee: *See*—
Starnes, William C., and McKinley.
Golian, Serge E., Cambridge, Mass., assignor, by mesne assignments, to the United States of America as represented by the Secretary of War. Communication system. 2,567,844, Sept. 11.
Golick, Alexander J., and J. J. Maas, Seattle, Wash., assignors, by mesne assignments, to Monsanto Chemical Company, St. Louis, Mo. Rapid gluing process. 2,537,343. Jan. 9.
Golicke, Roman, Finkebkrug-Osthavelland, Germany, vested in the Attorney General of the United States. Oscillator circuit arrangement. 2,544,017, Mar. 6.
Gollbach, Joseph, Sacramento, Calif. Cleaner. 2,566,608, Sept. 4.
Gollbach, Joseph, Sacramento, and R. F. Marken, San Leandro, assignors to H. M. Shanzer Co., San Francisco, Calif. Rotary discharge mechanism for driers. 2,552,093, May 8.
Goller, George N., Baltimore, Md., assignor to Armco Steel Corporation. Stainless steel spring. 2,553,706, May 22.
Goller, George N., Baltimore, Md., assignor to Armco Steel Corporation. Stainless steel spring. 2,553,707, May 22.
Gollmar, Herbert A., Mount Lebanon, assignor to Koppers Company, Inc., Pittsburgh, Pa. Recovery of butadiene from cyclohexane pyrolate. 2,575,341, Nov. 20.
Gollmer, Hugo C., assignee: *See*—
Heck, Joseph.
Gollobin Dental Co., Inc., assignee: *See*—
Berliner, Abraham.
Gollong, Richard J., assignor to American Viscose Corporation, Wilmington, Del. Ring top bucket. 2,575,446, Nov. 20.
Gollwitzer, Walter T., Euclid, Ohio, assignor to Addressograph-Multigraph Corporation, Wilmington, Del. Tens-carry mechanism for calculating machines. 2,555,740, June 5.
Gollwitzer, Walter T., Euclid, assignor to Addressograph-Multigraph Corporation, Cleveland, Ohio. Printing and identification device. 2,557,652, June 19.
Gollwitzer, Walter T., Euclid, Ohio, assignor to Addressograph-Multigraph Corporation, Wilmington, Del. Printing machine. 2,568,064, Sept. 18.
Gollwitzer, Walter T., Euclid, Ohio, assignor to Addressograph-Multigraph Corporation, Wilmington, Del. Printing machine. 2,570,112, Oct. 2.
Gollwitzer, Walter T., Euclid, Ohio, assignor to Addressograph-Multigraph Corporation, Wilmington, Del. Zero suppressing means for printing machines. 2,570,113, Oct. 2.
Gollwitzer, Walter T., Euclid, assignor to Addressograph-Multigraph Corporation, Cleveland, Ohio. Plate blank handling means for embossing machines. 2,576,596, Nov. 27
Golob, John E., assignor to Standard-Thomson Corporation, Dayton, Ohio. Thermostatic valve controlling device. 2,576,877, Nov. 27.
Gomer, Otis L., Marquette, Kans. Feeding device. 2,566,446, Sept. 4.
Gomer, William H., assignor of thirty-three and one-third per cent to C. L. McCoffrey, Nashville, and thirty-three and one-third per cent to A. J. Kirby, Davidson County, Tenn. Emergency air control valve for tractor-trailer air brake systems. 2,539,829, Jan. 30.
Gomersall, John R., assignor to McGraw Electric Company, Elgin, Ill. Automatic electric toaster. 2,560,386, July 10.
Gomes, Charles, and S. C. Correa, New York, N. Y. Collapsible beach rocking chair. 2,543,543, Feb. 27.
Gomes, Joseph P., Salinas, Calif. Rotary beet lifter. 2,563,030, Aug. 7.
Gomez, Albert, Whitestone, assignor to Freundlich-Gomez Machinery Corp., Flushing, N. Y. Method and device for cutting selected circumferential portions of tubular or cylindrical objects. 2,556,965, June 12.
Gonda, Desiré, Sittingbourne, Kent, assignor to Holoplast Limited, New Hythe, near Maidstone, England. Hollow plastic product and making the same. 2,572,924, Oct. 30.
Gonda, Desire, Sittingbourne, assignor to Holopast Limited, Kent, England. Apparatus for extracting mandrels from cavitied plastic structures. 2,580,223, Dec. 25.
Gondolfo, Joseph A.: *See*—
Bremer, Hermann F., and Gondolfo.
Gonella, Eugene L.: *See*—
Butterfield, Charles V., and Gonella.
Gonsalves, Conrad J., Arnhem, Netherlands, assignor to American Enka Corporation, Enka, N. C. Ring twisting. 2,539,950, Jan. 30.
Gonsalves, Conrad J., Arnhem, Netherlands, assignor to American Enka Corporation, Enka, N. C. Apparatus for twisting threads. 2,572,135, Oct. 23.
Gonzalez, Anthony A., Chicago, Ill. Collapsible tube winding and extruding key. 2,545,773, Mar. 20.
Gonzalez, Carlos, Ciudad Trujillo, Dominican Republic. Apparatus for filling tubular receptacles with plural materials. 2,569,928, Oct. 2.
Gooch, Ralph W., Mill Valley, Calif. Current feed and holder for positive carbon of motion-picture projector lamps. 2,571,128, Oct. 16.
Good, Adam F., Cherokee, Okla. Hydraulically controlled implement wheel mount. 2,552,549, May 15.
Good, Alonzo C., assignor to The National Cash Register Company, Dayton, Ohio. Knockout device for punch presses. 2,576,295, Nov. 27.
Good, Francis R., U. S. Navy. Overhead valve lubricating and cooling apparatus. 2,568,729, Sept. 25.
Good, Fred C., & Sons, Inc., assignee: *See*—
Good, Raymond J.
Good, James A., Grosse Pointe, assignor to Diamond Power Specialty Corporation, Detroit, Mich. Liquid level telegauge. 2,573,006, Oct. 30.
Good, Lowell H., Riverton, N. J., assignor to Radio Corporation of America. Electronic control circuit. 2,560,640, July 17.
Good, Orlo M., Caledonia, Mich. Hydraulic valve. 2,574,556, Nov. 13.
Good, Raymond J., assignor to Fred C. Good & Sons, Inc., Philadelphia, Pa. Yarn carrier. 2,542,960, Feb. 20.
Good, Walter A., Washington, D. C., and L. Wenrich, Silver Spring, Md., assignors to the United States of America as represented by the Secretary of the Navy. Vibration responsive apparatus. 2,539,618, Jan. 30.
Goodale, Edmund E.: *See*—
Lichtenstein, Roland M., Schultz, and Goodale.
Goodale, Elmer D., New Rochelle, and C. U. Bundick, Scarsdale, N. Y., assignors to Radio Corporation of America. Camera attachment for holding an illuminated transparency in front of the camera lens. 2,578,420, Dec. 11.
Goodale, Thomas C., Oakland, Calif. Self-adjusting pump. 2,579,817, Dec. 25.
Goodall, Edgar A.: *See*—
Frearson, Thomas B., and Goodall.
Goodall, Leonard B., Warrensburg, Mo. Engine lubricating system. 2,539,619, Jan. 30.
Goodall-Sanford, Inc., assignee: *See*—
Bodwell, Corliss L.
Monty, Leo J.
Roullard, Edward L.
Goodall, William M.: *See*—
De Lange, Owen E., and Goodall.
Goodall, William M., Oakhurst, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Frequency modulation detector. 2,576,833, Nov. 27.
Goodchild, Frederick V., assignor to Chesterman-Leeland Co., Philadelphia, Pa. Elastic stocking and the like. 2,574,737, Nov. 13.
Goodchild, Henry C., Los Angeles, Calif. Rubber block for plate type clutches. 2,567,168, Sept. 11.
Goodcliff-Eecen Industries Pty. Limited, assignee: *See*—
Helmholtz, Kurt.
Goode, Henry A., Booker, Tex. Plow. 2,538,093, Jan. 16.
Goode, Milton J., assignee: *See*—
Rowland, Charles H.
Goode, Quinton W., Memphis, Tenn. Container for hypodermic needles. 2,557,222, June 19.

Goodell, Richard R.: *See*—
Fay, Charles H., and Goodell.

Gooderham, Cecil E.: *See*—
Hedstrom, Eric L., Otto, and Gooderham.

Gooderham, John W.: *See*—
Carpenter, Warren W., and Gooderham.

Gooderham, John W., Rye, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Stepping failure indicator for sensing devices. 2,546,819, Mar. 27.

Gooderham, John W., New York, N. Y., A. E. Hague, West Orange, N. J., and A. C. Powell, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Message ticketer. 2,558,477, June 26.

Goodfellow, Isaac, and W. J. De Witt, assignors to Shoe Form Co. Inc., Auburn, N. Y. Shoe form with stiffening flange. 2,546,391, Mar. 27.

Goodfriend, David J., Philadelphia, Pa. Oral composition. 2,549,759, Apr. 24.

Goodgame, Jesse B., assignor to Precision Gear and Machine Company, Charlotte, N. C. Traverse motion drive for spinning and twister frames. 2,548,719, Apr. 10.

Goodgame, Jesse B., assignor to Precision Gear and Machine Co. Inc., Charlotte, N. C. Spindle and bobbin shaft mounting for roving frames. 2,551,210, May 1.

Goodgame, Jesse B., Charlotte, N. C., and C. D. Baker, Sr., Lancaster, S. C., assignors to Precision Gear and Machine Company, Charlotte, N. C. Ferrule reforming apparatus. 2,542,508, Feb. 20.

Goodhand, John P., Pasadena, Md. Hat and tie hanger. 2,574,557, Nov. 13.

Goodhue, Joseph A., Worcester, Mass. Dispensing receptacle for coins. 2,567,332, Sept. 11.

Goodhue, Lyle D.: *See*—
Tissol, Carolyn E., and Goodhue.

Goodhue, William V., East Greenwich, R. I., and L. C. Brown, Laconia, N. H. Water ski binding. 2,540,576, Feb. 6.

Good Humor Corporation, assignee: *See*—
Otken, Edwin J.
Robb, John F.

Gooding, Chester M.: *See*—
Morrill, Elliott, Seiter, and Gooding.
Seiter, Eugene D., Gooding, and Morrill.
Vahlteich, Hans W., Gooding, and Neal.

Gooding, Chester M., Staten Island, N. Y., E. Morrill, Oak Park, Ill., and E. D. Seiter, Jersey City, N. J., assignors to The Best Foods, Inc., New York, N. Y. Color and stain removers for fabrics. 2,548,892, Apr. 17.

Gooding, Chester M., Staten Island, N. Y., E. Morrill, Indianapolis, Ind., and E. D. Seiter, Westfield, N. J., assignors to The Best Foods, Inc., New York, N. Y. Color and stain removers for fabrics. 2,549,079, Apr. 17.

Gooding, Harold B., Ferndale, Mich., assignor, by mesne assignments, to Sheldrick Manufacturing Company, Upper Sandusky, Ohio. Adjusting device for cutting tools. 2,553,761, May 22.

Goodison, Ralph H., Hatfield, Pa., assignor to Sapphire Hosiery Corporation, New York, N. Y. Safety stop mechanism for knitting machines. 2,543,547, Feb. 27.

Goodkin, Philip P., assignee: *See*—
Solicito, Frank.

Goodlass Wall & Lead Industries Limited, assignee: *See*—
Read, Norman J.

Goodlet, Gilbert A., Windsor, Mo. Tree-felling and log-cutting saw attachment for tractors. 2,560,641, July 17.

Goodlett, Edward R., Ferguson, and H. W. Wishart, University City, Mo., assignors to Curtiss-Wright Corporation. Weight and center of gravity indicator. 2,559,718, July 10.

Goodloe, Alfred M., Upper Montclair, assignor to Metal Textile Corporation, West Orange, N. J. Producing knitted metallic mesh structures. 2,565,846, Aug. 28.

Goodman, Abe, Jr., assignor to American Finishing Company, Memphis, Tenn. Palmer roll polishing accessory. 2,538,094, Jan. 16.

Goodman, Abraham H.: *See*—
Walsh, James F., Levitt, and Goodman.

Goodman, Charles, New York, N. Y. Caisson. 2,580,017, Dec. 25.

Goodman, Guy H., and A. B. Staples, Oakland, Calif. Carton cutter attachment for drink mixers. 2,571,705, Oct. 16.

Goodman, Harry B., Bellmore, N. Y. Bracket. 2,551,432, May 1.

Goodman, Henry B., New London, Conn. Armrest for seats. 2,541,756, Feb. 13.

Goodman, Irving: *See*—
Dittmer, Karl, Goodman, and Visser.

Goodman-Kleiner Co., Inc., assignee: *See*—
Marco, John L.

Goodman, Louis S., and M. Nickerson, Salt Lake City, Utah, assignors to Burton T. Bush, Inc., New York, N. Y. Sympatholytic compositions. 2,537,988, Jan. 16.

Goodman Manufacturing Company, assignee: *See*—
Beck, William R.
Budd, Robert D.
Hagenbook, Loy D.
Holstein, John H.
Packer, Glenn W.
Pratt, Charles A.
Sloane, William W.
Wood, Claude O.

Goodman, Murray, Brooklyn, and J. D. Franco, New York, N. Y. Musical toy device for rocking chairs. 2,550,991, May 1.

Goodman, Virginius H., Richmond, Va. Ornamental valance unit. 2,572,720, Oct. 23.

Goodman, William L., Jr., Highland Park, assignor to Platt Luggage, Inc., Chicago, Ill. Resilent clasp. 2,548,781, Apr. 10.

Goodner, Monroe H., Glendale, Calif., assignor to Stephenson Corporation, Red Bank, N. J. Resuscitator. 2,547,458, Apr. 3.

Goodnight, Austin G., Hanford, Calif. Locking a pivoted wrench jaw in slidably adjusted position. 2,569,602, Oct. 2.

Goodnight, Austin G., Laton, Calif. Battery terminal clamp. 2,548,782, Apr. 10.

Goodpasture, Robert L., Nashville, Tenn. Grass and weed cutter. 2,564,477, Aug. 14.

Goodrich, B. F., Company, The, assignee: *See*—
Antonson, John O.
Ardis, Alan E.
Ardis, Alan E., and Stewart.
Bateman, Ralph C., and Schnitzer.
Baumgartner, Luther L.
Biggs, Norris W., and Henderson.
Billingsley, William F.
Bralley, James A.
Bratfisch, Warren A.
Brockway, Charles E.
Brown, Harold P., and Houston.
Budd, Chester B.
Byers, Eugene R.
Calvert, William D.
Carpenter, Lewis P
Carr, Richard K., and Busenburg.
Colley, Russell S.
Colley, Russell S., and Wilt.
Connell, Balfour Y., and Fisher.
Coonly, Philip E.
Cox, Alvon R., and Trockle.
Crosby, Josiah D.
Davies, John M.
Davis, Edward A.
Davis, Herbert L.
Ditz, Charles H., and Hussey.
Fiedler, Leon F., and Leakey.
Fiedorek, Fred T.
Fihe, John L.
Freund, Karl E., and Scharenberg.
Gammeter, John R.
Garbin, Albert J.
Gilbert, Harry.
Greene, Howard E.
Gregory, James T.
Gresham, Thomas L., and Shaver.
Gresham, Thomas L., and Steadman.
Gross, Malcolm E., and Newton.
Hager, Hans G.
Haren, Urban C.
Haren, Urban C., and Leguillon.
Harper, Thomas C.
Harrison, Stuart A., and Brown.
Hasselquist, Victor H.
Head, Walter E.
Herzegh, Frank.
Hessney, George C., and Martindale.
Hollerith, Charles.
Huff, James W.
Hutchins, Paul L.
Jansen, Jacob E.
Jansen, Jacob E., and Beears.
Japs, Archie B.
Johnson, Ray D.
Kerr, Henry H.
Kmentt, Waldemar D.
Krotz, Alvin S.
Krotz, Alvin S., and Austin.
Krupp, Carroll P.
Krupp, Carroll P., and Gerber.
La Rue, Albert M.
Leguillon, Charles W., and Hermanns.
L'Hollier, Leslie H.
Loweke, Erwin F.
Luke, Marvin B.
Maxey, Edwin M., and Krupp.
McCool, John C.
Miller, Floyd F.
Moon, Howard R.
Parrish, Charles I.
Pope, Frank B.
Powell, Jeston H., Jr.
Reimel, Samuel R.
Sarbach, Donald V., and Loomis.

Goodrich, B. F., Company, The, assignee: *See*—Continued.
Scharenberg, Elmer M.
Sears, Daniel S., and Newton.
Seifried, Anton G.
Selden, Robert G.
Shearer, Ross.
Shelley, Thomas H.
Slemmons, Charles O.
Smith, Grant W.
Staacke, Charles W.
Staden, John H., and Baumgartner.
Sternad, Frank S., and Seifried.
Stewart, Floyd D.
Stewart, William D.
Strong, Walter J.
Tilton, Joseph M., Jr.
Totheroh, Charles F.
Traxler, Eugene R.
Westfahl, Jerome C., and Sears.
Weston, Roger D., and Schick.
Whitman, Hyman L.
Wilson, Matthew W.
Wilt, Homer E., and Gill.
Wolf, Robert J.
Woodard, Harry W.
Young, Harvey L.

Goodrich, Hunter C., Jr., Collingswood, N. J., assignor to Radio Corporation of America. Variable reactance transistor circuit. 2,570,938, Oct. 9.

Goodrich, Hunter C., Jr., Collingswood, N. J., assignor to Radio Corporation of America. Semiconductor reactance circuit. 2,570,939, Oct. 9.

Goodrich, Norris E., Battle Creek, Mich. Exercising chair. 2,550,992, May 1.

Goodrich, Savy M., Lansing, Mich. Tool to determine the proper angles of the cutting lips of twist drills. 2,542,407, Feb. 20.

Goodrie, Joseph J., assignor to Wrightway Engineering Co., Chicago, Ill. Aerating shower head. 2,565,554, Aug. 28.

Goodsman, Charles W., Portland, Oreg. Shoe rack for beds. 2,541,048, Feb. 13.

Goodson, G. F., assignee: *See*—
Loewe, Peter L.

Goodson, George W.: *See*—
Madsen, Paul S., and Goodson.

Goodson, Louis H., Kansas City, Mo., R. B. Moffett, and J. E. Stafford, Kalamazoo, Mich., and W. M. Hoehn, assignors to George A. Breon & Company, Kansas City, Mo. Substituted ethylamines. 2,577,121, Dec. 4.

Goodson, Luke B., Bartlesville, Okla., assignor to Phillips Petroleum Company. Hydrogenolysis process for the production of gasoline and a gas oil from residual oils. 2,541,237, Feb. 13.

Goodson, Luke B., Okmulgee, Okla., assignor to Phillips Petroleum Company. Treatment of catalytic gas oils. 2,558,838, July 3.

Goodson, Luke B., and J. A. Guyer, Bartlesville, Okla., assignors to Phillips Petroleum Company. Catalytic hydrogenation and apparatus therefor. 2,548,015, Apr. 10.

Goodspeed, Carl M., Fort Dodge, Iowa. Ground leveling device. 2,561,854, July 24.

Goodstein, Charles B., New Rochelle, N. Y. Thumbtack. 2,550,549, Apr. 24.

Goodstein, Charles B., New Rochelle, N. Y. Easel. 2,550,550, Apr. 24.

Goodwillie, John E., assignor to Beloit Iron Works, Beloit, Wis. Structure for web transfers. 2,537,129, Jan. 9.

Goodwillie, John E., assignor to Beloit Iron Works, Beloit, Wis. Stock inlet. 2,550,552, Apr. 24.

Goodwillie, John E., and A. A. Neese, assignors to Beloit Iron Works, Beloit, Wis. Control mechanism for fluid motors. 2,545,921, Mar. 20.

Goodwin, Alfred E., Shawnee, Okla. Card feeder for rotary stencil duplicators. 2,563,600, Aug. 7.

Goodwin, Beulah S., and D. L. Atmar, Lufkin, Tex. Diaper for infants. 2,551,667, May 8.

Goodwin, Carl W.: *See*—
Mackin, Daniel A., and Goodwin.

Goodwin, Edwin C., Canton, Mass., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Dump valve for a circuit breaker pneumatic motor. 2,578,349, Dec. 11.

Goodwin, Ernest G., Toledo, Ohio. Railway car door supporting mechanism. 2,558,130, June 26.

Goodwin, Frank M., Buffalo, N. Y. Rat trap. 2,567,599, Sept. 11.

Goodwin, George I., Birmingham, Mich. Flexible clutch plate. 2,574,966, Nov. 13.

Goodwin, George R., Attleboro, Mass., assignor to Miller Electric Company. Manufacture of festoons. 2,568,495, Sept. 18.

Goodwin, John H., Pittsburgh, assignor to Overly Manufacturing Company, Greensburg, Pa. Insulated roof. 2,552,092, May 8.

Goodwin, John H., Pittsburgh, assignor to Overly Manufacturing Company, Greensburg, Pa. Coping. 2,554,779, May 29.

Goodwin, John S., Whittier, assignor to Globe Oil Tools Company, Los Nietos, Calif. Mechanism for the control and operation of a gate. 2,556,531, June 12.

Goodwin, John S., and P. Campbell, Whittier, Calif. Apparatus for determining the angular positions of objects in wells. 2,572,332, Oct. 23.

Goodwin, John T., assignor to Dow Corning Corporation, Midland, Mich. Organosilicon resins. 2,571,029, Oct. 9.

Goodwin, John T., Jr., assignor to Dow Corning Corporation, Midland, Mich. Silahydrocarbons. 2,544,079, Mar. 6.

Goodwin, Karl P., New Bedford, Mass., and L. D. Cobb, Forestville, Conn., assignors of one-half to Acushnet Process Company, New Bedford, Mass., and one-half to General Motors Corporation, Detroit, Mich. Antifriction bearing. 2,550,912, May 1.

Goodwin, Mary N., Tappahannock, Va. Cosmetic spreader and smoother. 2,568,853, Sept. 25.

Goodwin, Richard M.: *See*—
Burge, James S., Goodwin, and McKee.
Burge, James S., McKee, and Goodwin.

Goodwin, Vernon, Jr., Fort Wayne, Ind., assignor to Farnsworth Research Corporation. Coaxial control knob. 2,572,023, Oct. 23.

Goodyear Aircraft Corporation, assignee: *See*—
Cross, James W., and Whitchurch.
Flickinger, Maynard L.
Loudenslager, Oscar W.

Goolsbee, Charles C., assignor to Reed Roller Bit Company, Houston, Tex. Blade protector device. 2,554,780, May 29.

Goolsby, John W., Brownsville, Tex. Vehicle road light convertible for use as a trouble light. 2,553,187, May 15.

Goolsby, Teslie C., New Albany, Miss. Cleat attachment for tractor wheels. 2,552,168, May 8.

Goorhuis, Henk: *See*—
Wiazmitinow, Alexis, and Goorhuis.

Goosmann, Herman W., Grand Rapids, Mich. Balancing toy. 2,551,668, May 8.

Gootgeld, Louis, Escondido, Calif. Dehydrated cheese products and making. 2,576,597, Nov. 27.

Goppel, Johan M., G. E. Rumscheidt, and J. T. Hackmann, Amsterdam, Netherlands, assignors to Shell Development Company, San Francisco, Calif. Stabilizing polydiene polymer reacted with sulfur dioxide and resulting products. 2,578,653, Dec. 18.

Gora, Henry Z., assignor to The Gora-Lee Corporation, Stratford, Conn. Container closure. 2,543,774, Mar. 6.

Gora, Henry Z., assignor to The Gora-Lee Corporation, Stratford, Conn. Container closure. 2,543,775, Mar. 6.

Gora, Henry Z., Stratford, assignor to The Gora-Lee Corporation, Bridgeport, Conn. Machine and method for making jar covers. 2,548,303, Apr. 10.

Gora, Henry Z., Stratford, assignor to The Gora-Lee Corporation, Bridgeport, Conn. Machine and method for making sealing closures. 2,548,304, Apr. 10.

Gora, Henry Z., Stratford, assignor to The Gora-Lee Corporation, Bridgeport, Conn. Machine and method for making sealing closures. 2,548,305, Apr. 10.

Gora, Henry Z., Stratford, assignor to The Gora-Lee Corporation, Bridgeport, Conn. Method and apparatus for molding articles. 2,548,306, Apr. 10.

Gora, John, and J. D. Scarbrough, assignors to All-Metal Products Company, Wyandotte, Mich. Water pistol. 2,566,487, Sept. 4.

Gora-Lee Corporation, The, assignee: *See*—
Gora, Henry Z.

Gorbett, Cleon, Fort Worth, Tex. Apparatus for pulling rails. 2,553,854, May 22.

Gorby, Jack, Los Angeles, Calif. Apparatus and method for canning fish. 2,542,133, Feb. 20.

Gorden, Howard L., Painesville, Ohio. All-purpose auto parts cleaner. 2,573,008, Oct. 30.

Gorden, Walter L.: *See*—
Mall, Arthur W., and Gorden.

Gordenier, Robert E., and F. E. Gruber, St. Paul, and J. F. Thull, Minneapolis, assignors to Brown & Bigelow, St. Paul, Minn. Loose-leaf memorandum index. 2,536,544, Jan. 2.

Gordinier, Ralph E., Quakertown, Pa., assignor to Economy Faucet Company, Newark, N. J. Liquid valve. 2,578,797, Dec. 18.

Gordinier, Ralph E., Climax, Mich., assignor to Economy Faucet Company, Newark, N. J. Liquid pump. 2,578,798, Dec. 18.

Gordon, Albert W.: *See*—
Chissom, Gordon A., and Gordon.

Gordon, Arthur, Chicago, Ill. Separator. 2,561,507, July 24.

Gordon, Cecil O., H. W. Tash, R. Franklin, Fresno, and H. Haffner, Los Angeles, Calif., said Franklin assignor to said Gordon. Journal bearing. 2,539,072, Jan. 23.

Gordon, Charles W., Glen Ellyn, Ill., assignor to Combustion Engineering-Superheater, Inc. Quick-opening cage mill. 2,539,775, Jan. 30.

Gordon, Claud S., Company, assignee: *See*—
Kyle, Andrew S.

Gordon, Edward L., Pittsburgh, Pa. Automatic restoring mechanism for alarm clock shutoff. 2,541,817, Feb. 13.

Gordon, Edward L., Pittsburgh, Pa. Automatic restoring mechanism for alarm-clock shutoffs. 2,548,362, Apr. 10.

Gordon Engineering, Inc., assignee: *See*—
Lampe, Albert G.

Gordon, Francis C., Littleover, assignor to Rolls-Royce Limited, Derby, England. Starting gear for internal-combustion engines. 2,558,840, July 3.

Gordon, Hayner H., Washington, D. C., assignor to The Hayner Corporation, New York, N. Y. Indicating device for automobiles. 2,549,450, Apr. 17.
Gordon, Heinz W., assignee: *See*—
Beetlestone, Percival A. A., and Gordon.
Gordon, Henry D., Philadelphia, Pa. Guide pin cover for punch presses. 2,576,112, Nov. 27.
Gordon, Henry L., Delray Beach, Fla. Gear box for pumps. 2,558,841, July 3.
Gordon, Herman L., Silver Spring, Md. Microfilm reader and projection apparatus. 2,565,496, Aug. 28.
Gordon, Herman N., New York, N. Y. Stenciling apparatus. 2,569,049, Sept. 25.
Gordon, Jack C., assignor to Allen Industries, Inc., Detroit, Mich. Mattress construction. 2,540,441, Feb. 6.
Gordon, Jack C., assignor to Allen Industries, Inc., Detroit, Mich. Embossed rug cushion. 2,541,868, Feb. 13.
Gordon, Jack C., assignor to Allen Industries, Inc., Detroit, Mich. Grid and waffle design rug cushion. 2,572,470, Oct. 23.
Gordon, James F., assignor to Bendix Aviation Corporation, Towson, Md. Phonograph pickup mounting. 2,569,305, Sept. 25.
Gordon, James M., Los Angeles, Calif. Container. 2,550,804, May 1.
Gordon, Lawrence W., Lancaster, Calif. Aircraft control apparatus. 2,574,916, Nov. 13.
Gordon, Leo, Denver, Colo. Cyclicly interchangeable display means. 2,550,994, May 1.
Gordon, Raymond A., Hyattsville, Md. Radio direction finder. 2,551,594, May 8.
Gordon, Robert, Milwaukee, Wis. Insulation wire stripping and cutting instrument. 2,539,776, Jan. 30.
Gordon, Robert A.: *See*—
Bornemann, William, and Gordon.
Gordon, Robert B.: *See*—
Scott, Howard, Gordon, and Hull.
Gordon, Robert J., Boise, Idaho. Lawn edger. 2,563,031, Aug. 7.
Gordon, Rosalie A., Indianapolis, Ind. Face powder box. 2,579,490, Dec. 25.
Gordon, Stuart, Saltcoats, and E. Whitworth, West Kilbride, Scotland, assignors to Imperial Chemical Industries Limited. Granular smokeless propellant powders. 2,575,871, Nov. 20.
Gordon, Valerie M. F., Camberley, England. Waterproof garment. 2,573,903, Nov. 6.
Gore, Albert J., Washington, D. C. Adjustable locking buckle. 2,552,957, May 15.
Gore, Owen L.: *See*—
Bach, Emmon, Gratiot, Gore, and Linderman.
De Florez, Luis and P., and Gore.
Goree, Irby M., Mount Holly, N. C. Spinning ring. 2,541,238. Feb. 13.
Goree, Irby M., Chester, S. C. Stop means for traveler mounted upon rotatable ring. 2,558,552, June 26.
Gorell, Frank, Penn Township, Allegheny County, and P. D. Pozzi, Heidelberg, assignors to Aluminum Fabricating Company of Pittsburgh, Pittsburgh, Pa. Seal for an auxiliary window frame and a main window sash. 2,578,470, Dec. 11.
Gorey, Archie H., assignor to Graflex, Inc., Rochester, N. Y. Photographic camera and shutter therefor. 2,541,413, Feb. 13.
Gorgerat, Jean, deceased, Rosny-sous-Bois, and R. Détrez, Nogent-sur-Marne, France; J. B. M. Perrin, J. H. S. Gorgerat, and L. J. G. Chambault, heiresses of the estate of said J. Gorgerat, assignor to R. Détrez. Apparatus for deaerating liquids. 2,540,390, Feb. 6.
Gorgerat, Jeanne H. S., heiress: *See*—
Gorgerat, Jean, and Détrez.
Gorin, Everett: *See*—
Fontana, Celeste M., and Gorin.
Gorin, Manuel H., and Everett.
Gorin, Everett, Whitehall, assignor to Pittsburgh Consolidation Coal Company, Pittsburgh, Pa. Conversion of carbon to electrical energy. 2,570,543, Oct. 9.
Gorin, Manuel H.: *See*—
Brown, Ethan A., Gorin, and Abramson.
Gorin, Manuel H., and L. G. Sharp, Dallas, Tex., assignors, by mesne assignments, to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Alkylation process. 2,539,350, Jan. 23.
Gorin, Manuel H., and E. Gorin, Dallas, Tex., assignors, by mesne assignments, to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Alkylation of aromatics. 2,542,190, Feb. 20.
Goriup, Frank J., assignor to Wolverine Supply and Manufacturing Company, Pittsburgh, Pa. Toy washing machine of the oscillating drum type. 2,542,509, Feb. 20.
Gorlinski, Joseph J., Chicago, Ill. Apparatus for casting metal. 2,540,199, Feb. 6.
Gorman, Andrew T., Pitcairn, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake charging control apparatus. 2,538,834, Jan. 23.
Gorman, Andrew T., Pitcairn, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Safety control equipment for fluid pressure brakes. 2,558,842, July 3.
Gorman, Charles J., Orlando, Fla. Temporary cover for outlet boxes. 2,573,260, Oct. 30.
Gorman, Willard W., Lake Elmo, Minn. Boat mooring arrangement. 2,552,424, May 8.
Gorretta, Andrew: *See*—
Mars, Albert, and Gorretta.
Gorske, Stanley F., Indianapolis, Ind., assignor, by mesne assignments, to The Marquette Metal Products Company, Cleveland, Ohio. Spring clutch device. 2,571,232, Oct. 16.
Gorski, Florian T., Granville, Ohio, assignor to Owens-Corning Fiberglas Corporation. Insulating material. 2,550,465, Apr. 24.
Gorsuch, Harold, executor: *See*—
Gorsuch, Howard F.
Gorsuch, Harold F., Mansfield, Ohio, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Friction drive for tumbling apparatus. 2,552,849, May 15.
Gorsuch, Howard F., deceased, Mansfield, Ohio; H. Gorsuch, executor. Impeller vane for hydraulic motors. 2,556,648, June 12.
Gortner, John W., Alexandria, Va. Fit-all bushing. 2,551,117, May 1.
Gorton, George, Machine Co., assignee: *See*—
Buckley, Arthur H.
Eserkaln, Theodore F., Steinbrecker, and Arndt.
Klema, Harlow.
Gorton, George, Machine Company, assignee: *See*—
Buckley, Arthur H.
Gorton-Pew Fisheries Company, Ltd., assignee: *See*—
Kreidl, Ekkehard L., and McFee.
McFee, Earl P., and Peters.
Gorton, Thomas S., Evanston, Ill. Instrument for deveining and shelling shrimp. 2,561,359, July 24.
Gorton, William G.: *See*—
Fryklund, Robert A., and Gorton.
Goshe, Celestine M., Fostoria, Ohio. Toggle latch mechanism. 2,551,534, May 1.
Goslin-Birmingham Manufacturing Company, Inc., assignee: *See*—
Little, John W.
Little, John W., and Kelley.
Mair, James.
Goslin, Herbert G., Augusta, assignor to Sherriff-Goslin Co., Battle Creek, Mich. Surface covering element. 2,556,581, June 12.
Gosline, Gilbert G.: *See*—
Jacobsen, Le Roy V., and Gosline.
Gosling, Clive A.: *See*—
Thornhill, Peter W., and Gosling.
Gosling, Joseph B., Milwaukee, Wis., assignor to General Electric Company. Electron flow device. 2,569,665, Oct. 2.
Goss, Charles E., Baltimore, Md. Fishing rod support. 2,537,456, Jan. 9.
Goss, Harold J., Nashua, N. H., assignor, by mesne assignments, to Central National Bank of Cleveland, Cleveland, Ohio. Box-making machine. 2,541,414, Feb. 13.
Goss, Hubert S., Fresno, Calif. Cooling apparatus for vegetables and fruits. 2,538,362, Jan. 16.
Goss, Norman P., Mayfield Heights, Ohio. Lubricating means for continuous casting machines. 2,561,360, July 24.
Goss Printing Press Company, The, assignee: *See*—
Crafts, Curtis S.
Crafts, Curtis S., and Worthington.
Foster, Frank A.
Nolan, William J.
Worthington, Emory W.
Worthington, Emory W., and Knell.
Goss, William M., Jr., assignee: *See*—
Roy, Waldron H.
Goss, Worth C., Seattle, Wash., assignor to E. S. Heller. Pressing sheet lumber. 2,542,025, Feb. 20.
Goss, Worth C., Seattle, Wash., assignor, by mesne assignments, to E. S. Heller. Making glue from wood and a lumber product. 2,545,459, Mar. 20.
Goss, Worth C., assignor to United States Sheetwood Company, Seattle, Wash. Pressing in a multiple platen press. 2,550,687, May 1.
Goss, Worth C., Seattle, Wash., assignor, by mesne assignments, to E. S. Heller. Reaction base material. 2,563,836, Aug. 14,
Goss, Worth C., assignor to United States Sheetwood Company, Seattle, Wash. Making lignin compound and product. 2,578,695, Dec. 18.
Gossard, Roy R., Glendora, Calif. Internally applied expanding friction-grip wrench. 2,573,327, Oct. 30.
Gosselin, Wilfrid J.: *See*—
Segee, James E., and Gosselin.
Gosselin, Wilfrid J., Methuen, Mass., assignor to U. S. Bobbin & Shuttle Co., Providence, R. I. Shuttle. 2,556,755, June 12.
Gosser, John R., Holt, Calif. Automatic trailer coupling. 2,547,313, Apr. 3.
Gossick, Ben R., Moorestown, N. J., assignor to Radio Corporation of America. Fail-safe feature for balanced bridge indicators. 2,575,447, Nov. 20.
Gossick, Ben R., Oak Ridge, Tenn., assignor to Radio Corporation of America. Metal detection apparatus. 2,550,688, May 1.
Gossick, Ben R., Oak Ridge, Tenn., assignor to Radio Corporation of America. Metal slug resonator. 2,560,946, July 17.
Gossling, Clement E., Winnipeg, Manitoba, Canada, assignor to Hudson's Bay Company, London, England. Revolving door driving means. 2,549,451, Apr. 17.

Gossner, Louis E. E., assignor to Treg, Inc., San Francisco, Calif. Flexible shackle padlock. 2,574,967, Nov. 13.
Gosswiller, Earl W., Chicago, Ill., assignor to Federal Enterprises, Inc. Rotatable warning signal light. 2,548,154, Apr. 10.
Gosswiller, Earl W., assignor to Federal Enterprises, Inc., Chicago, Ill. Enclosed rotating signal light. 2,578,239, Dec. 11.
Gothberg, Lawrence, assignor to American Steel Foundries, Chicago, Ill. Slack adjuster. 2,555,124, May 29.
Gotlieb, Lenard, assignee: *See*—
Carper, Earl W.
Gottesman, Herman, Ramsey, N. Y. Cooking bag. 2,542,245, Feb. 20.
Gottesman, Melvin, assignor to Mel-Ton Bags, Inc., New York, N. Y. Carrying receptacle. 2,574,146, Nov. 6.
Gottesmann, Uscha: *See*—
Neumann, Georg, and Gottesmann.
Gottfried Company, The, assignee: *See*—
Rietveld, Jane.
Gottfried, John, St. Louis, Mo. Coin selector. 2,569,603, Oct. 2.
Gottfried, Louis, New York, N. Y. Antitipping and bumper structure for baby carriages. 2,548,601, Apr. 10.
Gottfried, Louis, New York, N. Y. Baby carriage support. 2,567,808, Sept. 11.
Gottier, Thomas L., Princeton, N. J., assignor to Radio Corporation of America. Receiving system for electric waves. 2,544,311, Mar. 6.
Gottlieb, Joseph, Jersey City, L. Eickemeyer, Union, and C. Woessner, Bloomfield, assignors to Gibraltar Manufacturing Co., Inc., Jersey City, N. J. Self-starting synchronous electric motor. 2,552,315, May 8.
Gottlieb, Louis, Philadelphia, Pa. Apparatus for producing charged water. 2,575,267, Nov. 13.
Gottlieb, Manious: *See*—
Bryant, Ozro N., and Gottlieb.
Gottlieb, Manious, Philadelphia, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Turbine apparatus. 2,571,707, Oct. 16.
Gottschalk, Lionel J., New Orleans, La. Card selecting device. 2,577,460, Dec. 4.
Gottschalk, Morris, Belleville, N. J. Shirt and combination garment. 2,562,234, July 31.
Gottschall, Marcia, Detroit, Mich., assignor to United States Rubber Company, New York, N. Y. White side wall tire. 2,572,259, Oct. 23.
Gottschalt, Nellie M., assignee: *See*—
Kastelic, Leonard J.
Gottscho, Ira S., Brooklyn, N. Y. Hot die marking device. 2,558,354, June 26.
Goudsmit, Felix K., Larchmont, N. Y. Electrically heated vest. 2,579,383, Dec. 18.
Goudsmit, Samuel A., Cambridge, Mass., assignor, by mesne assignments, to the United States of America as represented by the Secretary of the Navy. Hyperbolic position-plotting instrument. 2,562,664, July 31.
Gouffon, Jean-Jacques, assignor to Paillard S. A., Sainte-Croix, Switzerland. Switch. 2,545,548, Mar. 20.
Gougler, C. L., Machine Company, The, assignee: *See*—
Miller, Edward M.
Gouirand, Rene, New York, N. Y. Valve. 2,572,471, Oct. 23.
Gould, Albert: *See*—
Gould, Sheldon D. and A.
Gould, Byron C., assignor to The Murray Corporation of America, Detroit, Mich. Combined fabric washing and drying unit. 2,566,488, Sept. 4.
Gould, Charles T., Walpole, assignor to P. S. Cushing, Norwood, Mass., and J. Chaims, New York, N. Y., doing business as American Pipe Cleaner Co., Norwood, Mass. Machine for packaging pipe cleaners and the like. 2,561,271, July 17.
Gould, David H.: *See*—
Ruigh, William L., and Gould.
Gould, David H., New York, N. Y., and W. L. Ruigh, Summit, assignors to Nopco Chemical Company, Harrison, N. J. Purification of 7-dehydrosterol compounds. 2,563,235, Aug. 7.
Gould, Everett P., Hebron, N. Y. Operator-supported power drill. 2,547,818, Apr. 3.
Gould, Harold L. B.: *See*—
Compton, Kenneth G., and Gould.
Gould, Harry, Westfield, England. Machine for spinning concrete poles, columns, pipes, and other concrete units. 2,567,666, Sept. 11.
Gould, Herbert R., Fort Wayne, Ind., assignor to General Electric Company. Ballast construction. 2,561,855, July 24.
Gould, Leslie R., and G. G. Wanless, Sarnia, Ontario, Canada, assignors to Standard Oil Development Company. Washing butyl reactors with isobutylene. 2,580,019, Dec. 25.
Gould-National Batteries, Inc., assignee: *See*—
Brown, Frank M., and Dawkins.
Gould, Robert E., Hamburg, assignor to Buffalo Pottery, Inc., Buffalo, N. Y. Continuous tumbling process. 2,554,022, May 22.
Gould, Sheldon D. and A., Brooklyn, N. Y. Kite construction. 2,565,365, Aug. 21.
Gould, Wallace E.: *See*—
Mueller, Lucien W., Bowan, and Gould.
Gould, Wallace E., assignor to Mueller Co., Decatur, Ill. Valve. 2,547,116, Apr. 3.
Gould, William F.: *See*—
Hargreaves, Thomas F. S., and Gould.
Terry, Victor J., Hargreaves, and Gould.
Guldhav, Henning: *See*—
Brodal, Erling, and Guldhav.
Goulding, Albert, Jr., assignor to Wingfoot Corporation, Akron, Ohio. Calender roll pressure control apparatus. 2,575,590, Nov. 20.
Goulding, Joseph M., Fairhaven, Mass., assignor to Revere Copper and Brass Incorporated, New York, N. Y. Making print rolls. 2,544,455, Mar. 6.
Goulds Pumps, Inc., assignee: *See*—
Mann, John.
Goullee, Stanley J.: *See*—
Thornton, Alfred M., Prior, and Goullee.
Goulot, Henri, Colombes, assignor to J. Frentzel, Paris, France. Fountain pen. 2,554,023, May 22.
Gourdin, Mabel E., San Mateo, Calif. Convenience package. 2,550,551, Apr. 24.
Gourdon, Robert, assignor to Centre d'Etudes M. B. A. (Mecanique, Balistique, Armement), Paris, France. Differential actuating mechanism for calculating machines. 2,568,616, Sept. 18.
Gourdon, Robert, assignor to Centre d'Etudes M. B. A. (Mecanique, Balistique, Armement), Paris, France. Detachable denominationally composite keyboard and differential actuator units. 2,568,617, Sept. 18.
Gourdon, Robert, assignor to Societe anonyme dite Centre d'Etudes M. B. A. (Mecanique, Balistique, Armement), Paris, France. Indicating means for accounting machines. 2,568,618, Sept. 18.
Gourevitch, Jacques, Sevres, assignor to W. Franzos, Paris, France. Inductance device. 2,578,421, Dec. 11.
Gourley, Alden L., Kingston, Ontario, Canada. Bicycle drive mechanism. 2,553,367, May 15.
Gove, Herman J., Curundu, Canal Zone. Paper roll holder. 2,566,883, Sept. 4.
Govett, Thomas, Summit, and M. L. Almquist, Maplewood, N. J., assignors to Reheis Company, Inc. Astringent, antiperspirant, and making. 2,571,030, Oct. 9.
Govoni, Enrico, Elmwood, Conn. Gauge wire holder. 2,554,024, May 22.
Gow, Arthur R., Hamden, and C. J. Crowley, assignors to The Seamless Rubber Company, New Haven, Conn. Molded athletic ball with lacing grip. 2,575,414, Nov. 20.
Gow, James D., San Francisco, Calif., assignor to the United States of America as represented by the United States Atomic Energy Commission. Cable testing system and method. 2,558,485, June 26.
Gowdy, William F., assignor to Archer Rubber Company, Milford, Mass. Infant's diaper cover. 2,575,054, Nov. 13.
Gowing, James S.: *See*—
Serdynsky, Eugene D., Gowing, Wiley, and Havens.
Gowing, James S., assignor to The Dow Chemical Company, Midland, Mich. Producing thick sheets from thin films. 2,537,666, Jan. 9.
Gowland, Catherine C. B., Narberth, Pa. Sifting container construction comprising a perforated plastic lid and a rotatable perforated plastic cap. 2,560,162, Sept. 25.
Goyan, Frank M., San Francisco, and J. Dufrenoy, Berkeley, Calif. Graphical calculator. 2,567,882, Sept. 11.
Graaten, Johannes, Sjusjoen on Lillehammer, Norway. Artificial bait for fishing. 2,556,533, June 12.
Grabe, Clarence G., assignor to National Valve & Manufacturing Company, Pittsburgh, Pa. Line pipe hanger. 2,568,149, Sept. 18.
Graber Company, The, assignee: *See*—
Graber, Joseph V.
Graber, Frances D., Canton, and J. I. Graber, Massillon, Ohio. Ornamental hair covering. 2,574,558, Nov. 13.
Graber, Jane I.: *See*—
Graber, Frances D. and J. I.
Graber, Joseph V., assignor to The Graber Company, Middleton, Wis. Adjustable drapery crane. 2,569,376, Sept. 25.
Graber, Robert P.: *See*—
Johnson, William S., and Graber.
Grabill, John F., Flora, Ill. Automobile window sunshade. 2,546,438, Mar. 27.
Grabinski, Philip, Tacoma, Wash., assignor of one-half to R. W. Pointer, Portland, Oreg. Transportation mechanism. 2,547,935, Apr. 10.
Grace, Bertram B., London, England, assignor to International Standard Electric Corporation, New York, N. Y. Electric contact-controlling device. 2,543,014, Feb. 27.
Grace, Charles J.: *See*—
McDonald, Lawrence F., and Grace.
Grace, Frederick S.: *See*—
Both, Edward T., and Grace.
Grace, John J., Brooklyn, N. Y. Thermostatic switch. 2,537,582, Jan. 9.
Grace, William, New York, N. Y. Covering fabric for umbrellas. 2,546,857, Mar. 27.
Graci, Anthony, Bronx, N. Y. Manually operated rotor oar for boats. 2,578,535, Dec. 11.
Grad, Adolf, Wauwatosa, assignor to The Oilgear Company, Milwaukee, Wis. Axial type hydrodynamic machine. 2,577,242, Dec. 4.

Gradisar, Albin A., Buffalo, N. Y., assignor to American Optical Compnay, Southbridge, Mass. Microscope adjustment mechanism. 2,560,169, July 10.

Gradle, Jesse J., and R. O. Dayton, said Gradle assignor to T. Utterback, Bedford, Ind. Horizontally adjustable carriage for chairs. 2,553,652, May 22.

Gradsten, Marcel: *See*—
Zerner, Ernst, Gradsten, and West.

Grady, George A., Boston, and J. M. Walsh, Roslindale, Mass. Traction device for automotive tires. 2,574,327, Nov. 6.

Grady, Stephen S., Brooklyn, assignor to Metropolitan Electric Mfg. Co., Long Island City, N. Y. Safety lock for electric switch boxes and panel board covers. 2,555,331, June 5.

Graef, Russell F., assignee: *See*—
Mannist, Milton.

Graesser, David A., Westfield, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Rotary take-up for sewing machines. 2,548,841, Apr. 10.

Graesser, David A., Westfield, and A. J. Matuzas, Union, assignors to The Singer Manufacturing Company, Elizabeth, N. J. Feeding mechanism for sewing machines. 2,550,553, Apr. 24.

Graetz, Edward A.: *See*—
Patz, Paul, and Graetz.

Graf, Fred V., Los Angeles, Calif. Sanitary breast measuring device. 2,559,501, July 3.

Graf, Paul R., St. Louis, and T. W. Tlapek, Richmond Heights, Mo., assignor to Port-A-Crib, Inc. Combination crib-playpen. 2,574,559, Nov. 13.

Graff, Ole P., Baltimore, Md. Automatic safety valve for oil burners. 2,558,355, June 26.

Graff, Oscar F., Washington, D. C. Arc and center point locating instrument. 2,559,015, July 3.

Graff-Baker, William S.: *See*—
Moir, James, and Graff-Baker.

Graffius, Thomas D., assignee: *See*—
Engle, Thomas M.

Grafinger, Louis N.: *See*—
Putman, Henry V., Leonard, Grafinger, and Guidosh.

Graflex, Inc., assignee: *See*—
Dalton, Robert L.
Gorey, Archie H.
Hineline, Edson S.
King, Rollin W., and Berlant.
Panosian, James S.
Steiner, Oscar.
Wilcox, Frederick P.
Wilson, John D., and Smith.

Grafstein, Peter, New York, N. Y. Finger ring. 2,541,415, Feb. 13.

Gragg, Henry, assignor of one-fifth to L. S. Mason, Prescott, Ariz. Plastic clamp. 2,563,236, Aug. 7.

Graham, Amos S., Webb, Saskatchewan, Canada. Elevator leg belt stop. 2,551,940, May 8.

Graham, Boynton, Claymont, and O. E. Schupp, Jr., assignors to E. I. du Pone de Nemours & Company, Wilmington, Del. Treatment of a heat set, oriented nylon fabric with formaldehyde. 2,540,726, Feb. 6.

Graham, Charles D., assignor to General Motors Corporation, Dayton, Ohio. Mounting for rocket launchers. 2,573,434, Oct. 30.

Graham, Charles W., deceased, Washington, D. C.; G. W. Reiber and The Hamilton National Bank of Washington, executors. Perspective rectification enlarger. 2,564,303, Aug. 14.

Graham, Clarence R., Palo Alto, assignor to James Graham Manufacturing Co., Newark, Calif. Range shelf with self-latching safety catch. 2,566,765, Sept. 4.

Graham, Clifton B., and V. D. Carver, Oak Ridge, Tenn., assignors, by mesne assignments, to the United States of America as represented by the United States Atomic Energy Commission. Latch mechanism. 2,540,941, Feb. 6.

Graham, Dallas P., Columbus, Ohio, assignor to Greensburg Machine Company, Greensburg, Pa. Self-propelled railway vehicle. 2,547,700, Apr. 3.

Graham, Dempsey E. and L., Amarillo, Tex. Closure operator for ditching wheel bucket backs. 2,578,058, Dec. 11.

Graham, Donald P., Lindamere, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Producing tinctorially stable phthalocyanine coloring matters. 2,556,728, June 12.

Graham, Donald P., Lindamere, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Producing tinctorially stable phthalocyanine coloring matters. 2,556,730, June 12.

Graham, Duncan E., Denver, assignor of one-half to J. Sovis, Jr., Arvada, Colo. Loudspeaker mounting. 2,563,783, Aug. 7.

Graham, Elizabeth N., New York, N. Y. Fitted traveling case. 2,573,763, Nov. 6.

Graham, Erwin W., Lakewood, assignor, by mesne assignments, to Jack & Heintz Precision Industries, Inc., Cleveland, Ohio. Centering means for restraining devices. 2,553,248, May 15.

Graham, Erwin W., Parma Heights, assignor, by mesne assignments, to Graham-Mintel Instrument Company, Cleveland, Ohio. Electronic indicator. 2,545,881, Mar. 20.

Graham, Frank H., Pittstown, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Balancing network for subscribers' telephone sets. 2,568,150, Sept. 18.

Graham, Frank H., Edgewood, and E. G. Smith, Mount Lebanon, assignors to Amsler Morton Corporation, Pittsburgh, Pa. Recuperator tile structure. 2,574,738, Nov. 13.

Graham, Frederick D., Milwaukee, Wis. Ash pan. 2,548,969, Apr. 17.

Graham, George E. G., Streatham, assignor to Cinema-Television Limited, London, England. Polarity reverser. 2,568,801, Sept. 25.

Graham, George K., Oceanside, N. Y., assignor to Radio Corporation of America. Measurement of speed deviation. 2,539,620, Jan. 30.

Graham, George K., Oceanside, N. Y., assignor to Radio Corporation of America. Acoustic studio with variable reverberation time. 2,542,663, Feb. 20.

Graham, George K., Oceanside, N. Y., assignor to Radio Corporation of America. Volume control for program circuits. 2,554,458, May 22.

Graham, George M., assignor to Kent-Moore Organization, Inc., Detroit, Mich. Rotator valve cap clearance checking tool. 2,562,784, July 31.

Graham, Harold J., Highland Park, assignor to Graham Manufacturing Corporation, Detroit, Mich. Pneumatic welder. 2,537,989, Jan. 16.

Graham, Harold J., Highland Park, assignor to Graham Manufacturing Corporation, Detroit, Mich. Electrical welding apparatus. 2,537,990, Jan. 16.

Graham, Harold J., Highland Park, assignor to Graham Manufacturing Corporation, Detroit, Mich. Welding boot. 2,549,804, Apr. 24.

Graham, Harold J., Highland Park, assignor to Graham Manufacturing Corporation, Detroit, Mich. Welding method. 2,553,499, May 15.

Graham, Harold M., Kenmore, assignor to Graham Manufacturing Co., Inc., New York, N. Y. Heat interchanger. 2,578,059, Dec. 11.

Graham, James J.: *See*—
Werner, Fred H., and Graham.

Graham, James J., assignor to H. L. Judd Company, Wallingford, Conn. Rack. 2,545,996, Mar. 20.

Graham, James, Manufacturing Co., assignee: *See*—
Graham, Clarence R.

Graham, John D.: *See*—
Kincaid, Homer F., Graham, Baker, Wharff, and Redmond.

Graham, John M.: *See*—
Harper, Frank A., and Graham.

Graham, Kenneth E.: *See*—
Graham, Von B. and K. E.

Graham, Lattrell: *See*—
Graham, Dempsey E. and L.

Graham, Leonard W., Slough, Bucks, England. Driving device for imparting a combined rotary and reciprocating motion to a driven member. 2,545,080, Mar. 13.

Graham Manufacturing Co., Inc., assignee: *See*—
Graham, Harold M.

Graham Manufacturing Corporation, assignee: *See*—
Graham, Harold J.

Graham, Maurice H., St. Louis Park, Minn. Coffee maker. 2,552,169, May 8.

Graham, Maurice H., and C. W. Clemons, Minneapolis, Minn., assignors to General Mills, Inc. Pressure cooker locking device. 2,565,964, Aug. 28.

Graham, Merle J.: *See*—
Miller, Fred J., and Graham.

Graham-Mintel Instrument Company, assignee: *See*—
Graham, Erwin W.

Graham, Ollie W., Tulsa, Okla. Method of and apparatus for making liquid level determinations. 2,565,963, Aug. 28.

Graham, Raymond S. F., assignee: *See*—
Riedel, Frederick G.

Graham, Robert E., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron camera tube. 2,544,753, Mar. 13.

Graham, Robert P.: *See*—
Maclay, William D., Shepherd, McCready, and Graham.

Graham, Robert P., Albany, and A. D. Shepherd, El Cerrito, Calif., assignors to the United States of America as represented by the Secretary of Agriculture. Extraction of citrus peel. 2,548,895, Apr. 17.

Graham, Thomas K., Great Falls, Mont., assignor to Anaconda Copper Mining Company, New York, N. Y. Apparatus for handling heavy slabs and other material. 2,546,362, Mar. 27.

Graham Transmissions, Inc., assignee: *See*—
Jones, Lloyd E.

Graham, Von B., Austin, Tex., and K. E. Graham, Bedford, Ind. Shearing machine. 2,552,958, May 15.

Graham, Von B., Austin, Tex., and K. E. Graham, Bedford, Ind. Shearing machine. 2,557,098, June 19.

Graham, William D., Bellrose, N. Y. Time calculator. 2,553,653, May 22.

Grahl, Carl B., Skidmore, Mo. Portable grain and hay elevator. 2,538,308, Jan. 16.

Grahn, Karl A., U. S. Navy. Portable supply bin. 2,555,332, June 5.

Grahn, Walter: *See*—
Clark, Jesse H., Grahn, Overend, and Cole.

Gramelspacher, Clarence U., assignor to Jasper Wood Crafters, Inc., Jasper, Ind. Barrel construction. 2,538,682, Jan. 16.
Gramkee, Bruce E.: *See*—
Tate, Charles D., and Gramkee.
Grammer, James I., Western Springs, Ill., assignor to Westinghouse Air Brake Company. Signal clearing relay for centralized traffic control systems of the code type. 2,576,010, Nov. 20.
Grammes, L. F., & Son, Inc., assignee: *See*—
Lichty, Harvey.
Gran, Norman J., Chicago, Ill. Chain link. 2,550,995, May 1.
Granatek, Alphonse P., assignor to Bristol Laboratories Inc., Syracuse, N. Y. Antihistamine salt of penicillin. 2,569,666, Oct. 2.
Granatek, Alphonse P., assignor to Bristol Laboratories Inc., Syracuse, N. Y. Emetine penicillin. 2,578,536, Dec. 11.
Granatek, Alphonse P., assignor to Bristol Laboratories, Inc., Syracuse, N. Y. Amine salt of penicillin. 2,578,537, Dec. 11.
Granatek, Alphonse P., assignor to Bristol Laboratories Inc., Syracuse, N. Y. Amine salt of penicillin. 2,579,185, Dec. 18.
Granberg, Albert J., Oakland, Calif. Airplane fueling system. 2,537,266, Jan. 9.
Granberg, Albert J., Oakland, Calif. Balanced slow-closing valve assembly. 2,557,378, June 19.
Granberg, Albert J., Oakland, Calif. Fluid metering apparatus. 2,561,620, July 24.
Granberg, Albert J., Oakland, Calif. Proportioner. 2,567,997 Sept. 18.
Granberg, Martin S., Philadelphia, Pa. Hair-cutting and styling device. 2,558,516, June 26.
Granberg, Neil B., assignor to A. O. Smith Corporation, Milwaukee, Wis. Punch with integral stripper. 2,562,267, July 31.
Granberry, Pat H., De Ridder, La. Sand plug or safety valve for wells. 2,561,980, July 24.
Grand, Joseph A., and R. R. Miller, Silver Spring, Md. Solid fuel. 2,555,333, June 5.
Grand Rapids Hardware Company, assignee: *See*—
Dickinson, Henry R.
Grand Rapids Store Equipment Company, assignee: *See*—
Vanderveld, Anthony.
Vanderveld, Anthony, and Dahme.
Vanderveld, Charles F.
Grand Specialties Company, assignee: *See*—
Sasgen, Anthony M., and Hopfeld.
Grandgirard, Henri, Puteaux, assignor to Société des Brevets Kegresse, S. E. K., Paris, France. Centrifugally balanced valve for giving clutches overlapping engagements. 2,567,703, Sept. 11.
Grandnom, René, Troyes, assignor to Mrs. R. Lebocey, born Belleuvre, B. J. E., J. H. J., and A. L. S. Lebocey. Troyes, France. Circular looping machine. 2,560,435, July 10.
Grandstaff, Otho D.: *See*—
Wicks, John, and Grandstaff.
Grandstaff, Otho D., Oak Park, assignor to Automatic Electric Laboratories, Inc., Chicago, Ill. Voltage regulating system. 2,560,284, July 10.
Grange, Howard L., and D. K. Hanink, assignors to General Motors Corporation, Detroit, Mich. Forming composite aluminum-steel parts by casting aluminum on to steel and bonding thereto. 2,544,670, Mar. 13.
Grange, Howard L., and D. K. Hanink, assignors to General Motors Corporation, Detroit, Mich. Forming composite products consisting of ferrous metal and aluminum or aluminum-base alloy. 2,544,671, Mar. 13.
Grange, Howard L., Darlington, Wis., and D. K. Hanink, Birmingham, assignors to General Motors Corporation, Detroit, Mich. Coating ferrous metal with aluminum or an aluminum alloy. 2,569,097, Sept. 25.
Granger, Camille: *See*—
Zwilling, Jean-Paul, Bassoli, and Granger.
Grangroth, Harry B., L. D. Leach, and J. B. Noll, assignors to Le Jay Manufacturing Co., Minneapolis, Minn. Driving mechanism for vehicles. 2,555,881, June 5.
Grannan, Mildred A., assignee: *See*—
Grannan, William L.
Grannan, William L., assignor of three-fourths to M. A. Grannan, Des Plaines, Ill. Measuring and dispensing device. 2,539,073, Jan. 23.
Granowski, Louise W., assignee: *See*—
Granowski, Oscar A.
Granowski, Oscar A., assignor of one-half to L. W. Granowski, Kooyong, Victoria, Australia. Liquid driven motor. 2,561,858, July 24.
Granqvist, Carl-Erik, Lidingo, assignor to Svenska Aktiebolaget Gasaccumulator, Lidingo (near Stockholm), Sweden. Navigation instrument. 2,573,435, Oct. 30.
Gransden, Lyle, Edenville, Mich. Beet gatherer and windrower. 2,553,310, May 15.
Granstedt, Karl E., assignor to Arenco Aktiebolag, Stockholm, Sweden. Cigar bunching machine. 2,563,032, Aug. 7.
Grant Advertising Agency, Inc., assignee: *See*—
Colburn, William, and Latos.
Grant, Charles H., New Rochelle, N. Y. Airplane flap with slot controller. 2,556,326, June 12.
Grant, Chester A., Syracuse, N. Y., and R. L. Richardson, Meriden, Conn., assignors to Gaylord Bros., Inc., Syracuse, N. Y. Computing device. 2,553,915, May 22.
Grant, Colon, deceased, by S. C. Grant, executrix, Jackson, Mich., assignor to S. C. Grant. Truss construction. 2,562,355, July 31.
Grant, Gordon A.: *See*—
Cook, Arthur S., and Grant.
Richardson, Edwin M., and Grant.
Grant, Gordon A., Glen Ridge, N. J. Plate hanger. 2,536,278, Jan. 2.
Grant, Frank A., Vancouver, British Columbia, Canada, assignor, by mesne assignments, to Paper Strap, Inc., Portland, Oreg. Paper strap forming machine. 2,562,454, July 31.
Grant, Harry C., Jr., New York, N. Y., assignor, by mesne assignments, to Specialties Development Corporation, Belleville, N. J. Coupling. 2,555,483, June 5.
Grant, Harry C., Jr., Ridgewood, assignor to Specialties Development Corporation, Belleville, N. J. Valve. Re. 23,370, May 29.
Grant, Harry C., Jr., Ridgewood, assignor to Specialties Development Corporation, Bloomfield, N. J. Valve. 2,537,051, Jan. 9.
Grant, Harry C., Jr., Ridgewood, assignor to Specialties Development Corporation, Belleville, N. J. Fluid medium dispensing system. 2,563,837, Aug. 14.
Grant, Horace C., assignor to Egan Cotton Mills, Inc., Atlanta, Ga. Knit ironing pad. 2,551,118, May 1.
Grant, Horace C., assignor to Egan Cotton Mills, Inc., Atlanta, Ga. Knitting machine. 2,580,089, Dec. 25.
Grant, James E.: *See*—
Weber, Richard, and Grant.
Grant, Jesse R., Chicago, Ill. Shipping case. 2,573,706, Nov. 6.
Grant, Jesse R., Chicago, Ill. Egg case. 2,578,060, Dec. 11.
Grant, John A., New Westminster, British Columbia, Canada. Fuel control device for internal-combustion engines. 2,558,843, July 3.
Grant, John L., assignor, by mesne assignments, to Poor & Company, Chicago, Ill. Rail anchor. 2,571,565, Oct. 16.
Grant, Lester L., Napoleon, Ohio. Automatic raising and lowering traveling saw machine. 2,536,437, Jan. 2.
Grant, Max L., assignee: *See*—
Cavanagh, John F.
Wilcox, Granville M., and Johnson.
Grant, Philip J., Oakland, Calif. Paper and deodorant dispenser. 2,546,820, Mar. 27.
Grant, Philip J., Oakland, Calif. Insecticide container. 2,547,314, Apr. 3.
Grant Pulley & Hardware Co., assignee: *See*—
Gussack, Milton P.
Grant, Robert H., Penns Grove, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Liquid sulfur colors comprising hydroxy-aliphatic compounds. 2,558,245, June 26.
Grant, Stella C., executrix, assignee: *See*—
Grant, Colon.
Grant, Stewart M.: *See*—
Brown, Hugh E., and Grant.
Grant, Walter A., Fayetteville, assignor to Carrier Corporation, Syracuse, N. Y. Room cooling units embodying control to limit condensation. 2,548,665, Apr. 10.
Grant, William H., Cleveland, Ohio, assignor of thirty-five per cent to J. W. Macklin. Apparatus for making bellows. 2,541,869, Feb. 13.
Grantham, Lloyd B., Bartlesville, Okla., assignor ot Phillips Petroleum Company. Centrifugal pump. 2,569,563, Oct. 2.
Granum, Carl E., assignee: *See*—
Mallory, Louis V.
Graphite Frecs Company, assignee: *See*—
Cerf, Baruch.
Grasak, John J., McKeesport, Pa. Flashlight for handbags. 2,538,151, Jan. 16.
Grasberger, Francis N., Lynchburg, Va. Machine for making wooden heels. 2,564,003, Aug. 14.
Grashow, Joseph, Brooklyn, N. Y. Automobile antenna. 2,536,053, Jan. 2.
Grass, Albert M., Quincy, Mass., assignor, by mesne assignments, to the United States of America as represented by the Secretary of the Navy. Rate measuring and comparing circuit. 2,573,840, Nov. 6.
Grassie, Vernon R., assignor to Hercules Powder Company, Wilmington, Del. Preparation of cellulose derivative. 2,539,417, Jan. 30.
Grassie, Vernon R., assignor to Hercules Powder Company, Wilmington, Del. Cellulose sulfamylethyl ether. 2,580,351, Dec. 25.
Grassie, Vernon R., assignor to Hercules Powder Company, Wilmington, Del. Preparation of sulfoethyl ethers of polysaccharides. 2,580,352, Dec. 25.
Grassle, George J., Detroit, Mich., assignor, by mesne assignments, to Philco Corporation. Electric cord and plug set. 2,541,239, Feb. 13.
Grassmann, Edward C., Sr., Maplewood, assignor to Harry C. Schick, Inc., Newark, N. J. Sectional necklace clasp. 2,539,777, Jan. 30.
Grate, Lorene G., Miami, Fla. Liquid lip-rouge composition. 2,548,970, Apr. 17.

Grater, Edward V., Bronx, assignor to Affiliated Machine & Tool Co., New York, N. Y. Device for handling sheet material. 2,566,489, Sept. 4.
Gratiot, John P.: *See*—
Bach, Emmon, Gratiot, Gore, and Linderman.
Gratt, Barnie, Worcester, Mass. Orthopedic pad. 2,576,455, Nov. 27.
Grattan, Peter J., Minneapolis, Minn. Piston operated draft hitch for vehicles. 2,568,445, Sept. 18.
Gratzmuller, Anne M.: *See*—
Touraton, Emile, Zwobada, and Gratzmuller.
Gratzmuller, Anne-Marie: *See*—
Touraton, Emile, Zwobada, and Gratzmuller.
Gratzner, Raymond I.: *See*—
Schweiss, Walter W., and Gratzner.
Gratzner, Raymond I., assignor to Philco Corporation, Philadelphia, Pa. Combined extension cord and handle forming means. 2,562,268, July 31.
Grau, Carl L., Streator, Ill. Vending machine. 2,569,988, Oct. 2.
Grauel, Ernest H., assignor to American Chain & Cable Company, Inc., Bridgeport, Conn. Retaining ring for instrument case glasses. 2,568,124, Sept. 18.
Graumann, Raymond L.: *See*—
Hickman, Clarence N., Graumann, and Mallina.
Graumann, Raymond L., Alexandria, Va., and W. J. Donahue, Jr., Washington, D. C. Fuse. 2,546,999, Apr. 3.
Gravely Motor Plow & Cultivator Company, assignee: *See*—
Rose, Eustace L.
Gravenhorst, Everett G.: *See*—
Kupiec, Harry P., and Gravenhorst.
Graver Tank Mfg. Co., Inc., assignee: *See*—
Prager, Frank D., and Ulm.
Wilkin, Lester A.
Graves, Donald, San Bernardino, Calif. Fruit clipper. 2,540,255, Feb. 6.
Graves, Donald E., Milwaukee, Wis., assignor to General Electric Company. Electrical protective system. 2,579,255, Dec. 18.
Graves, Edward B.: *See*—
Ball, Jack, and Graves.
Graves, Eldon F., assignor to The Dow Chemical Company, Midland, Mich. Separating impurities from used lubricating oils. 2,658,583, Sept. 18.
Graves, Eliot D., Pasadena, and M. McDougal, Glendale, assignors to Contact Products, Inc., Los Angeles, Calif. Making pressure sensitive labels. 2,560,566, July 17.
Graves, Frank R., Rochester, N. Y. Game board and chance means for simulated racing. 2,577,961, Dec. 11.
Graves, Harold E., Jr., assignor to Brown-Graves Company, Akron, Ohio. Spring hinge for combination storm windows. 2,575,623, Nov. 20.
Graves, James R.: *See*—
Pomeroy, Theodore M., Jr., and Graves.
Graves, Julia O., Savannah, Ga. Educational apparatus for teaching obstetrics and midwifery. 2,551,433, May 1.
Graves, Julia O., Savannah, Ga. Mother manikin for teaching approved practice of obstetrics and midwifery. 2,551,560, May 1.
Graves, Lester R., Memphis, Tenn. Car top fastener for boats and other articles. 2,539,997, Jan. 30.
Graves, Lloyd T., North Vancouver, assignor of sixty-six and two-thirds per cent to W. B. Steele, Vancouver, British Columbia, Canada. Mobile scoop for lift trucks. 2,553,530, May 15.
Graves, Lloyd T., North Vancouver, assignor of sixty-six and two-thirds per cent to W. B. Steele, Vancouver, British Columbia, Canada. Mobile scoop for lift trucks. 2,553,531, May 15.
Graves, Roy M.: *See*—
Lang, Harry A., and Graves.
Graves, William L. O., Schenectady, N. Y., assignor to General Electric Company. Reversing magnetic amplifier control system. 2,571,708, Oct. 16.
Gravina, Michel, Paris, France. Pilot clutch and brake for centrifugal clutches. 2,564,841, Aug. 21.
Gravina, Michel, and M. Hawadier, Paris, France; said Hawadier assignor to said Gravina. Clutch and brake pilot mechanism. 2,559,765, July 10.
Graviner Manufacturing Company Limited, assignee: *See*—
Mathisen, Anders.
Mathisen, Anders, and Randolph.
Gravity-Research Foundation, assignee: *See*—
Babson, Roger W.
Gravley, Charles K., Lakewood, assignor to The Brush Development Company, Cleveland, Ohio. Making shapes of electromechanically sensitive material. 2,554,327, May 22.
Gravley, Charles K., Lakewood, assignor to The Brush Development Company, Cleveland, Ohio. Making a ceramic body. 2,569,163, Sept. 25.
Gray, Alvin E.: *See*—
Dayger, Jonas E., Shafer, and Gray.
Gray, Alvin N., Edgewood, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Apparatus for simultaneously advancing and plasticizing plastic compounds. 2,547,000, Apr. 3.
Gray, Alvin N., Edgewood, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Processing sulfur-vulcanizable elastomer compounds. 2,573,707, Nov. 6.
Gray, Alvin N., Joppa, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Strainer for plastic material. 2,539,128, Jan. 23.
Gray, Alvin N., Joppa, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Strainer for straining plastic material. 2,539,129, Jan. 23.
Gray, Alvin N., Joppa, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Apparatus for electroplating articles. 2,571,709, Oct. 16.
Gray, Arthur W., Harborside, Maine. Chimney protecting head structure. 2,573,436, Oct. 30.
Gray, Cecil L.: *See*—
Rieman, Hylma H., and Gray.
Gray, Charles B., Springfield, Pa. Variable flow pump. 2,540,328, Feb. 6.
Gray, Charles B., Springfield, Pa. Cutting machine drive. 2,542,810, Feb. 20.
Gray, Charles H., Dellroy, Ohio. Oil ring for pistons. 2,565,306, Aug. 21.
Gray, Charles S., assignor of one-half to N. H. Jacovatos, New York, N. Y. Grain stripping mechanism. 2,547,749, Apr. 3.
Gray, Chesleigh, deceased, Indinapolis, Ind.; M. E. Gray, executrix of said C. Gray. Dump truck for concrete and the like. 2,552,850, May 15.
Gray Company, Inc., assignee: *See*—
Du Four, Arthur W.
Gray, Russell J.
Gray, Claud W., El Paso, Tex. Economizer unit. 2,570,661, Oct. 9.
Gray, Donald S., Rose Township, Ramsey County, assignor to American Hoist & Derrick Co., St. Paul, Minn. Electric motor driven material handling system. 2,567,883, Sept. 11.
Gray, Doris M., Lake Charles, La. Child's undergarment. 2,564,304, Aug. 14.
Gray, Edward J., deceased, New York, N. Y.; I. C. Gray, executrix of said E. J. Gray. Razor blade magazine. 2,542,510, Feb. 20.
Gray, Edward J., deceased, New York, N. Y.; I. C. Gray, executrix. Safety razor. 2,561,110, July 17.
Gray, Edward J., deceased, New York, N. Y.; I. C. Gray, executrix. Razor blade conditioning. 2,562,162, July 31.
Gray, Edward J., deceased, New York, N. Y.; I. C. Gray, executrix. Safety razor. 2,572,925, Oct. 30.
Gray, Edward W., West Brentwood, N. Y. Drier. 2,548,363, Apr. 10.
Gray, Floyd E., Dayton, Ohio. Timer. 2,562,546, July 31.
Gray, Frank, East Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Current storage device utilizing semiconductor. 2,547,386, Apr. 3.
Gray, G. A., Company, assignee: *See*—
Walter, John M.
Gray, G. A., Company, The, assignee: *See*—
Walter, John M.
Gray, Gene W., North Hills, Pa. Gauge construction. 2,553,574, May 22.
Gray, George F.: *See*—
Pratt, Verneur E., and Gray.
Gray, George W., Lambertville, N. J., assignor to Radio Corporation of America. Signal sampling. 2,570,790, Oct. 9.
Gray, George W., assignor to McMath-Axilrod Corporation, Dallas, Tex. Sign revolving mechanism. 2,556,472, June 12.
Gray, Harold F., Jr.: *See*—
Adelson, David E., and Gray.
Gray, Homer F., Salem, Ohio. Scroll saw attachment to table saw. 2,540,329, Feb. 6.
Gray, Howard A., Nahant, Mass., assignor to Monsanto Chemical Company, St. Louis, Mo. Solution of plasticized cellulose acetobutyrate and fabrics coated therewith. 2,561,361, July 24.
Gray, Irene C., executrix: *See*—
Gray, Edward J.
Gray, James E., and E. A. Davenport, Centralia, Ill., assignors to Shell Development Company, San Francisco, Calif. Subsurface pump for flooding operations. 2,551,434, May 1.
Gray, John E.: *See*—
McKechnie, Robert K., Seybolt, and Gray.
Gray, John E., assignor to Mueller Brass Co., Port Huron, Mich. Apparatus for removing moisture in a refrigerating system. 2,546,594, Mar. 27.
Gray, John W., Cambridge, Mass., assignor, by mesne assignments, to the United States of America as represented by the Secretary of War. Variable rate sweep voltage generator. 2,576,339, Nov. 27.
Gray, John W., White Plains, N. Y., assignor to General Precision Laboratory Incorporated. Voltage dividing circuit. 2,560,170, July 10.
Gray, John W., White Plains, N. Y., assignor to General Precision Laboratory Incorporated. Synchronizing and phasing system for television recorders. 2,565,366, Aug. 21.
Gray, Kenneth V.: *See*—
Gray, Tom F. and K. V.
Gray, Lawrence E., and C. H. Viebrock, Douglas, Wash. Centralizing drill. 2,576,786, Nov. 27.
Gray Manufacturing Company, The, assignee: *See*—
Moore, Frank L.

Gray Marine Motor Company, assignee: *See*—
Fernstrum, Robert W.
Gray, Mary E., executrix: *See*—
Gray, Chesleigh.
Gray, Orrin D., Chicago, Ill. Lock Nut. 2,567,933, Sept. 18.
Gray, Peter, assignor to Milrose Foods Company, Pittsburgh, Pa. Sealing openings in shell eggs. 2,568,917, Sept. 25.
Gray, Richard O.: *See*—
Roschke, Erwin M., and Gray.
Gray, Richard O., Broadview, Ill., assignor to Zenith Radio Corporation. Cathode-ray tube combined beam centering and deflection device. 2,553,039, May 15.
Gray, Richard O., Broadview, Ill., assignor, to Zenith Radio Corporation. Subscription type signal translating apparatus. 2,572,853, Oct. 30.
Gray, Robert, Philadelphia, Pa. Combination brief case and traveling bag. 2,536,169, Jan. 2.
Gray, Robert B., and R. H. Steele, assignors to Erie Resistor Corporation, Erie, Pa. Silver paint. 2,550,345, Apr. 24.
Gray, Robert C., Portland, Oreg. Combination salt and pepper shaker with concentrically arranged compartments. 2,578,538, Dec. 11.
Gray, Robin, Clifton Junction, near Manchester, England, assignor to The Electric Storage Battery Co. Jointing of metal inserts to thermoplastic articles. 2,558,246, June 26.
Gray, Roy W., St. Joseph, Mo. Sliding window fastener. 2,547,315, Apr. 3.
Gray, Russell D., Jr.: *See*—
Garland, Daniel L., and Gray.
Gray, Russell J., Excelsior, assignor, by mesne assignments, to Gray Company, Inc., Minneapolis, Minn. Valve. 2,564,686, Aug. 21.
Gray, Samuel P., Forest Hills, N. Y. Handcuffs, leg iron, shackle, and the like. 2,570,662, Oct. 9.
Gray, Tom F. and K. V., Salford, England. Pressure-operated dispensing nozzle for collapsible tubes. 2,552,715, May 15.
Gray Tool Company, assignee: *See*—
Crain, Robert L.
Gray, Trevor, Crossways, Shenfield, assignor to Marconi Sounding Device Company Limited, London, England. Pulsed echo sounder and like subaqueous distance measuring apparatus. 2,545,922, Mar. 20.
Gray, Vincent R., and H. Steiner, Eccles, assignors to Petrocarbon Limited, London, England. Photooxidation of aliphatic olefinic hydrocarbons. 2,558,844, July 3.
Gray, William J., Seattle, Wash. Bubble blowing top. 2,556,756, June 12.
Graybill, Hershey R., Manheim, assignor to Animal Trap Company of America, Lititz, Pa. Gun trap for predatory animals. 2,575,515, Nov. 20.
Graybill, Howard W., Honey Brook, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Circuit interrupter. 2,545,660, Mar. 20.
Graybill, Howard W., Honey Brook, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Switch. 2,554,824, May 29.
Graybill, Howard W., Honey Brook, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Arc extinguishing circuit interrupter. 2,571,864, Oct. 16.
Graybill, Kenneth W., Elmhurst, assignor to Automatic Electric Laboratories, Inc., Chicago, Ill. Switching apparatus. 2,541,354, Feb. 13.
Graybill, Kenneth W., Elmhurst, and H. Sengebusch, Villa Park, assignors to Automatic Electric Laboratories, Inc., Chicago, Ill. Relay with passive springs. 2,541,355. Feb. 13.
Graybill, Kenneth W., Elmhurst, and H. Sengebusch, Villa Park, assignors to Automatic Electric Laboratories, Inc., Chicago, Ill. Crossbar switching device. 2,550,241, Apr. 24.
Graybill, Kenneth W., Elmhurst, and H. Sengebusch, Villa Park, assignors to Automatic Electric Laboratories, Inc., Chicago, Ill. Multiple contact, or gang, type relay. 2,550,242, Apr. 24.
Graybill, Kenneth W., Elmhurst, and H. Sengebusch, Villa Park, assignors to Automatic Electric Laboratories, Inc., Chicago, Ill. Contact bank for 25-point 10-wiper rotary switches. 2,575,806, Nov. 20.
Graybrook, Herbert W., Irwin, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Regulating system. 2,555,539, June 5.
Graybrook, Herbert W., Irwin, and G. R. Purifoy, Pittsburgh, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Control system. 2,549,304, Apr. 17.
Graybrook, Herbert W., Irwin, and M. C. Potter, Turtle Creek, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Motor-alternator control system. 2,549,305, Apr. 17.
Grayson, John F., Port Orange, Fla. Off-center lock. 2,565,605, Aug. 28.
Grayson, John H., Monrovia, assignor, by mesne assignments, to Reconstruction Finance Corporation, Los Angeles, Calif. Safety pilot controlled thermostatic gas cock. 2,553,575, May 22.
Grazier, Doré W., Johnstown, Pa., assignor to United States Steel Company. Pile of T-rails and building it. 2,580,224, Dec. 25.
Graziano, Joseph, Newburgh, N. Y. Fuel vaporizer. 2,560,220, July 10.
Greacen, Edmund, Jr., White Plains, N. Y. Electric plug connector. 2,564,159, Aug. 14.
Great American Industries, Incorporated, assignee: *See*—
Keinath, George, and Hellmann.
Greathouse, Holly G., Dawes, W. Va. Pipe wrench having sliding link and pivoted jaw piece. 2,577,888, Dec. 11.
Great Lakes Carbon Corporation, assignee: *See*—
De Simo, Martin.
Gamson, Bernard W.
Gamson, Bernard W., and Elkins.
Hickey, John H.
Rapier, Pascal M.
Shea, Frederick L., Jr., and Juel.
Stecker, Glenroy.
Thomas, Charles L.
Great Lakes Spring Corporation, assignee: *See*—
Jackson, Charles F.
Shaner, Anthony, and Hampson.
Van Hove, Desire H.
Great Western Sugar Company, The, assignee: *See*—
Hartman, Vernon V., Sybrandt, and Force.
Greaves, Charles D., London, and D. B. Smith, Woodford Green, assignors to C. D. Patents Limited, London, England. Treatment of pitches or tars and the manufacture of molded articles therefrom. 2,560,642, July 17.
Greaves, Joseph, Toston, Mont. Seeder attachment. 2,576,756, Nov. 27.
Greaves, Pulford J., Dearborn, and F. N. Elgear, Detroit, Mich. Electronic organ. 2,569,521, Oct. 2.
Grebe, John J.: *See*—
Ewing, Walkley B., and Grebe.
Frevel, Ludo K., Hunt, and Grebe.
Grebe, John J., Midland, and W. B. Ewing, assignors to Ewing Development Company, Grand Rapids, Mich. Welded frame structure. 2,570,791, Oct. 9.
Greco, Peter, New York, N. Y. Spring loaded jaw splice. 2,567,374, Sept. 11.
Greedy, Edwin F., and E. J. Schaaf, Anderson, Iowa, assignors to The Midwest Co., Nebraska City, Nebr. Corn picker with cutter. 2,571,865, Oct. 16.
Greefkes, Johannes A., and J. Ensink, Eindhoven, Netherlands, assignors to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Electron discharge tube circuit arrangement, including selective and nonselective negative-feedback means and selective positive-feedback means. 2,577,461, Dec. 4.
Greeley, Joseph T., Philadelphia, Pa., assignor to National Lead Company, New York, N. Y. Journal lubricator. 2,568,854, Sept. 25.
Greeley, Leo O., assignor to General Sales Company of Cadillac, Cadillac, Mich. Air valve for pressure gauges. 2,567,428, Sept. 11.
Greeley, Leo O., assignor to F. J. McCarthy, Inc., Cadillac, Mich. Molding sand handling machine. 2,571,710, Oct. 16.
Green, A Donald, and E. W. Carrier, Cranford, N. J., assignors to Standard Oil Development Company. Apparatus and process for continuous sulfonation of aromatic compounds. 2,540,519. Feb. 6.
Green, Abram F., St. Petersburg, Fla. Carrier. 2,547,459, Apr. 3.
Green, Andrew: *See*—
Rich, Howard B., and Green.
Green, Arthur D.: *See*—
Ohsol, Ernest C., and Green.
Green, Arthur D., Cranford, N. J., assignor to Standard Oil Development Company. Recovering an isobutylene copolymer. 2,537,130. Jan. 9.
Green, Arthur D., Cranford, N. J., assignor to Standard Oil Development Company. Chemical reactor and recovery unit. 2,557,910, June 19.
Green, Arthur D., Cranford, and W. J. Paltz, Fanwood, N. J., assignors to Standard Oil Development Company. Process and apparatus for the production of high molecular weight polymers. 2,545,144, Mar. 13.
Green, Arthur D., and E. T. Marshall, Cranford, N. J., assignors to Standard Oil Development Company. Polymerization process. 2,560,340, July 10.
Green, Arthur D., E. O. Ohsol, and A. R. Kittleson, Cranford, N. J., assignors to Standard Oil Development Company. Purification of tetrahydrophthalimides. 2,566,986, Sept. 4.
Green, Barrett K., and R. W. Sandberg, assignors to The National Cash Register Company, Dayton, Ohio. Pressure sensitive record materials. 2,548,364, Apr. 10.
Green, Barrett K., and R. W. Sandberg, assignors to The National Cash Register Company, Dayton, Ohio. Making pressure sensitive record materials. 2,548,365, Apr. 10.
Green, Barrett K., and R. W. Sandberg, assignors to The National Cash Register Company, Dayton, Ohio. Manifold record material and making it. 2,548,366, Apr. 10.
Green, Barrett K., and R. W. Sandberg, assignors to The National Cash Register Company, Dayton, Ohio. Manifold record material and making it. 2,550,466, Apr. 24.

Green, Barrett K., and R. W. Sandberg, assignors to The National Cash Register Company, Dayton, Ohio. Manifold record material and making it. 2,550,467, Apr. 24.
Green, Barrett K., and R. W. Sandberg, assignors to The National Cash Register Company, Dayton, Ohio. Manifold record material and making it. 2,550,468, Apr. 24.
Green, Barrett K., and R. W. Sandberg, assignors to The National Cash Register Company, Dayton, Ohio. Manifold record material and making it. 2,550,469, Apr. 24.
Green, Barrett K., and R. W. Sandberg, assignors to The National Cash Register Company, Dayton, Ohio. Pressure sensitive record material. 2,550,470, Apr. 24.
Green, Barrett K., and R. W. Sandberg, assignors to The National Cash Register Company, Dayton, Ohio. Pressure sensitive record material. 2,550,471, Apr. 24.
Green, Barrett K., and R. W. Sandberg, assignors to The National Cash Register Company, Dayton, Ohio. Pressure sensitive record material. 2,550,472, Apr. 24.
Green, Barrett K., and R. W. Sandberg, assignors to The National Cash Register Company, Dayton, Ohio. Pressure sensitive record material. 2,550,473, Apr. 24.
Green, Carl J., Oak Ridge, Tenn. Variable pitch propeller. 2,573,764, Nov. 6.
Green, Carl J., Oak Ridge, Tenn. Tobacco stripper and grader. 2,574,030, Nov. 6.
Green, Clarence J., assignor to Norton Company, Worcester, Mass. Piston grinding machine. 2,559,534, July 3.
Green, Clarence J., assignor to Norton Company, Worcester, Mass. Cam grinding apparatus. 2,561,981, July 24.
Green, David F., and J. E. Salmon, assignors to Vandervell Products Limited, London, England. Indium plating. 2,538,417, Jan. 16.
Green, David F., N. P. Mallet, and J. M. Briscoe, assignors to Vandervell Products Limited, London, England. Electrodepositing an alloy of lead and indium. 2,567,934, Sept. 18.
Green, Edgar B., Washington, D. C. Device for applying tire chains. 2,567,429, Sept. 11.
Green, Ellis G., assignor to himself and N. C. Green, Port Huron, Mich. Thread lock. 2,573,009, Oct. 30.
Green, Ernest, Chelmsford, England, assignor to Radio Corporation of America. Electron discharge tube circuit arrangement. 2,574,868, Nov. 13.
Green, Floyd S., assignor to Frank Adam Electric Company, St. Louis, Mo. Panel board. 2,576,396, Nov. 27.
Green, Frank L., Rockford, Ill. Feed finger and gripping element therefor. 2,563,464, Aug. 7.
Green, Frank R. G.: *See*—
Porter, Frederick W. B., and Green.
Green, Fred, and W. O. Horne, assignors to S & M Lamp Co., Los Angeles, Calif. Rearview mirror. 2,567,169, Sept. 11.
Green, Freddie C., Altoona, Ala. Valve for air bags. 2,566,766, Sept. 4.
Green, Frederick H., assignor to The Garrett Corporation, Los Angeles, Calif. Aircraft cooling system. 2,557,099, June 19.
Green, George, Houston, Tex. Well packer. 2,547,387, Apr. 3.
Green, George S., Cape Elizabeth, Maine, and L. F. Howatt, Belmont, Mass. Nonwarping trussed door. 2,578,240, Dec. 11.
Green, Harry J., Jr., Rochester, N. Y., assignor to Stromberg-Carlson Company. Determining the rate of moisture absorption. 2,575,169, Nov. 13.
Green, Henry L., Salisbury, D. J. Thomas, Tony, near Salisbury, and W. J. Harris, Salisbury, assignors to Minister of Supply, in His Majesty's Government of the United Kingdom of Great Britain and Northern Ireland, London, England. Filter. 2,573,964, Nov. 6.
Green, Howard H., Bardwell, Tex. Welder's hood. 2,569,715, Oct. 2.
Green, Isaac, and A. Pitar, Brooklyn, N. Y. Container and sliding closure therefor. 2,574,560, Nov. 13.
Green, Isaac H. C., Pawtucket, assignor to Hemphill Company, Central Falls, R. I. Yarn controlling device. 2,545,081, Mar. 13.
Green, James H., West Orange, N. J., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Machine for applying specular coatings. 2,569,852, Oct. 2.
Green, James N., Copper Cliff, Ontario, Canada. Articulated locomotive frame. 2,556,914, June 12.
Green, John A., Wakarusa, Ind. Control system for multiple rotor helicopters. 2,571,566, Oct. 16.
Green, John D. F.: *See*—
Jackson, Donald, and Green.
Green, John D. F., assignor to Pye Limited, Cambridge, England. Switch. 2,574,869, Nov. 13.
Green, John E.: *See*—
Lewis, Donald H., Hall, and Green.
Green, John R., Belvidere, Ill. Oil filler neck extension for automobile engines. 2,578,184, Dec. 11.
Green, Joseph F., Moline, Ill., assignor to Montgomery Elevator Company. Load limit control. 2,578,006, Dec. 11.
Green, Julius, assignor to Philco Corporation, Philadelphia, Pa. Automatic frequency control for television receivers. 2,553,368, May 15.

Green, Larry Q., assignor to E. I. du Pont de Nemours and Company, Wilmington, Del. Water-repellent composition stabilized with a tertiary heterocyclic aromatic amine. 2,557,653, June 19.
Green, Lawrence O., assignor to The Foster Transformer Company, Cincinnati, Ohio. Controller handle for electrode holders. 2,558,083, June 26.
Green, Lee B., Lakewood, Ohio. Metal bending and stretching apparatus with rotatable and shiftable die support. 2,536,738, Jan. 2.
Green, Lee B., Lakewood, Ohio. Multiple-bend metal-bending machine. 2,557,346, June 19.
Green, Lee B., Lakewood, Ohio. Applicator tool for joint securing elements. 2,558,131, June 26.
Green, Lee B., Lakewood, Ohio. Multiple pronged double-ended fastener. 2,558,132, June 26.
Green, Lee B., Lakewood, Ohio. Joint construction for panels. 2,576,296, Nov. 27.
Green, Leon, Los Angeles, Calif. Knockdown table or stool. 2,546,439, Mar. 27.
Green, Martin, Mahwah, N. J. Ridable amusement and exercising device. 2,560,436, July 10.
Green, Martin, assignor of one-half to C. Handler, Newark, N. J. Exhibitor. 2,549,452, Apr. 17.
Green, Milton W., Princeton, N. J., assignor to Radio Corporation of America. Electronic interval timing method and system. 2,566,085, Aug. 28.
Green, Milton W., Princeton, N. J., assignor to Radio Corporation of America. Color-kinescopes, etc. 2,579,665, Dec. 25.
Green, Nellie C., assignee: *See*—
Green, Ellis G.
Green, Percie F.: *See*—
Haworth, Lionel, and Green.
Green, Philip, Seabrook, N. H., assignor to Seabrook Associates, Tyrone, Pa. Blanching nuts. 2,558,899, July 3.
Green, Raymond G.: *See*—
Mitchell, Reginald G., Hunn, Green, and Ghijsen.
Green, Robert A., Dayton, Ohio. Hydraulic surge-inhibitor valve. 2,555,334, June 5.
Green, Robert N., New York, N. Y. Aircraft cabin pressurizing. 2,578,539, Dec. 11.
Green, Victor M.: *See*—
Greenup, Harold W., and Green.
Nystrom, Karl F., and Green.
Green, Walter H., Geneva Township, Kane County, assignor to Infilco Incorporated, Chicago, Ill. Coagulating apparatus. 2,546,691, Mar. 27.
Green, Walter H., Geneva Township, Kane County assignor to Infilco Incorporated, Chicago, Ill. Coagulating apparatus. 2,570,114, Oct. 2.
Green, Thomas A., Cleveland Heights, Ohio, assignor to Bailey Meter Company. Drive connection and stop. 2,564,219, Aug. 14.
Green, Wilford T., Jr., Alma, Mich. Wire pin and hook drapery hanger. 2,541,240, Feb. 13.
Green, William G., Dallas, Tex., assignor to Engineering Laboratories, Incorporated, Tulsa, Okla. Drill bit. 2,579,819, Dec. 25.
Green, Vernon L.: *See*—
Birch, Thomas H., and Green.
Greenan, Wirt G., Revere, Mass., assignor to Beckwith Manufacturing Company, Dover, N. H. Metal box for safety shoes. 2,537,891, Jan. 9.
Green Bay Food Company, assignee: *See*—
Mackin, John J.
Greenberg, Abraham, New York, N. Y. Disposable toothbrush. 2,550,190, Apr. 24.
Greenberg, Charles B., New York, N. Y. Chuck for jeweler's screw driver. 2,560,947, July 17.
Greenberg, Elbert E.: *See*—
Feibel, Adolph H., and Greenberg.
Greenberg, Frank, assignor of one-half to H. Malter, New York, N. Y. Filter for vacuum cleaners. 2,557,279, June 19.
Greenberg, George, Brooklyn, N. Y. Line indicator and copyholder. 2,571,567, Oct. 16.
Greenberg, Harry, Baltimore, Md., assignor to U. S. Industrial Chemicals, Inc., New York, N. Y. Pharmaceutical methionine composition. 2,556,688, June 12.
Greenberg, Herman H., assignee: *See*—
Jackson, Lloyd T.
Greenberg, Irving W., New York, N. Y. Window enclosure. 2,562,235, July 31.
Greenberg, Rosalind G., assignor to Varsity Manufacturing Company, Springfield, Mass. Fastening device. 2,539,367, Jan. 23.
Greenberger, Joseph I.: *See*—
Stone, Morris D., and Greenberger.
Greenberger, Rose, Los Angeles, Calif. Ringlet hair forming device. 2,549,901, Apr. 24.
Greenblatt, Morris J., Jacksonville, Fla. Combination tobacco pipe and igniter. 2,578,061, Dec. 11.
Greenburg, Leonard, New York, N. Y. Inflatable dilator. 2,548,602, Apr. 10.
Greendale, Arlene J., Chicago, Ill. Maternity garment. 2,572,614, Oct. 23.
Greene, Albert E., Medina, Wash. Tilting furnace roof. 2,551,941, May 8.

Greene, Carl F., deceased, Langley Field, Va., by D. G. Greene, executrix, Randolph Field, Tex. Cargo airplane. 2,557,962, June 26
Greene, Clarence K.: *See*—
Triplett, Tom A., and Greene.
Greene, Claude E.: *See*—
Evans, Raymond B., and Greene.
Greene, Claude E., and R. B. Lesher, Sidney, Ohio, assignors to The Monarch Machine Tool Company. Control system. 2,546,692, Mar. 27.
Greene, David H., Los Angeles, Calif., assignor to Danciger Oil & Refining Company, Fort Worth, Tex. Pressure control device. 2,558,356, June 26.
Greene, Donald L., Reading, Pa., and C. A. Badeau, Westfield, assignors to The Thomas & Betts Co., Elizabeth, N. J. Bus bar connector. 2,574,781, Nov. 13.
Greene, Dorothy G., executrix: *See*—
Greene, Carl F.
Greene, Edgeworth, Great Notch, assignor to Inter-Seal Corporation, Spring Lake, N. J. Tamperproof closure for receptacles. 2,560,793, July 17.
Greene, Edgeworth, Little Falls, N. J. Electric protective system for vehicle tires. 2,554,419, May 22.
Greene, Ernest W., Lakeland, Fla., assignor to Minerals Separation North American Corporation, New York, N. Y. Concentration of land pebble phosphate. 2,571,866, Oct. 16.
Greene, Gardiner G., Newton, assignor to The Workshop Associates, Incorporated, Newton Highlands, Mass. Biconical high-frequency antenna. 2,541,870, Feb. 13.
Greene, Gardiner G., Newton, assignor to The Workshop Associates, Incorporated, Newton Highlands, Mass. Sliding coaxial switch. 2,550,921, May 1.
Greene, Harry S., Bryan, Ohio. Plumb bob shield. 2,578,062, Dec. 11.
Greene, Howard B., Cheshire, assignor to Metalite, Inc., Meriden, Conn. Lipstick container. 2,556,473, June 12.
Greene, Howard E., Shaker Heights, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Apparatus for preventing the accumulation of ice upon surfaces. 2,536,739, Jan. 2.
Greene, James E.: *See*—
Ball, Eustace T., Ferguson, and Greene.
Greene, Leonard M., Scarsdale, assignor to Safe Flight Instrument Corp., White Plains, N. Y. Vibratory aircraft alarm of the rotary eccentric weight type. 2,566,409, Sept. 4.
Greene, Marcus, Caldwell, N. J. Device for spraying upwardly or downwardly. 2,553,040, May 15.
Greene, Nathanael B., and E. J. Lloyd, New Haven, Conn., assignors to The American Steel and Wire Company of New Jersey. Bucket unloading and loading device. 2,540,200, Feb. 6.
Greene, Orville N., assignee: *See*—
Weiss, Gerhart.
Greene, Oscar, New York, N. Y. Collapsible measuring rule. 2,555,741, June 5.
Greene, Otto W., Rochester, N. Y., assignor to The Pfaudler Company. Glass-lined pump. 2,536,638, Jan. 2.
Greene, Otto W., assignor to The Pfaudler Company, Rochester, N. Y. Controlling the flow of a fluid heat transfer medium. 2,579,567, Dec. 25.
Greene, Richard L., assignee: *See*—
Kunkler, Carl J.
Greene, Sterling, Cleveland, Ohio. Self-contained easel display case. 2,549,306, Apr. 17.
Greene, Thomas, Willesden, England. Apparatus for locating faults in electric circuits. 2,551,942, May 8.
Greene, William J., Plainfield, N. J., assignor to Air Reduction Company, Incorporated. Machine for thermochemically severing metal workpieces. 2,574,101, Nov. 6.
Greene, William L., Washington, D. C., assignor to Engineering and Research Corporation, Riverdale, Md. Variable pitch propeller. 2,578,350, Dec. 11.
Greenfield, Alec, assignor to The Greenfield Company, Chicago, Ill. Automobile visor. 2,561,659, July 24.
Greenfield Company, The, assignee: *See*—
Greenfield, Alec.
Greenfield, David, Los Angeles, Calif. Adjustable illuminated tellurian. 2,550,805, May 1.
Greenfield Tap and Die Corporation, assignee: *See*—
Koonz, Earl R.
Strickland, Royce M.
Strickland, Royce M., and Arvidson.
Greenfogel, William L., assignee: *See*—
Rosen, Joseph.
Greenhalgh, John, Wellesley, and O. E. Wolff, Lincoln, assignors to Polaroid Corporation, Cambridge, Mass. Forming image-receiving film for use in photography. 2,565,367, Aug. 21.
Greenland, Leonard S.: *See*—
Simpson, Thomas, Edwards, and Greeland.
Simpson, Thomas, Greenland, and Edwards.
Greenland, Leonard S., Weston-Super-Mare, assignor to H. M. Hobson Limited, London, England. Fuel distributing valve. 2,536,440, Jan. 2.
Greenlaw, Charles E.: *See*—
Rooch, Allen T., and Greenlaw.
Greenleaf, Francis D., Oaklyn, L. M. Seeberger, Woodbury, and S. H. Buder, Merchantville, N. J., assignors to Radio Corporation of America. Protective circuit. 2,577,848, Dec. 11.
Greenlee, Sylvan O., assignor to Devoe & Raynolds Company, Inc., Louisville, Ky. Polymeric polyether polyhydric alcohols. 2,558,949, July 3.
Greenlee, Sylvan O., Racine, Wis., assignor to Devoe & Raynolds Company, Inc., Louisville, Ky. Compositions of phenol-oil condensates and polyepoxides. 2,542,664, Feb. 20.
Greenlee, Theodore K., assignor to Barber-Colman Company, Rockford, Ill. Multiple temperature control system. 2,572,136, Oct. 23.
Greenlee, William B., Denver, Colo. Electric lighting system. 2,558,747, July 3.
Greenmun, Leo S., Cleveland, Ohio. Ventilating system for vehicles. 2,559,120, July 3.
Greenough, Henry B.: *See*—
Cutler, Wallace M., Greenough, and Kant.
Greenough, Maurice L., Groveland, Mass., assignor to Radio Corporation of America. Energizing circuit for servo systems. 2,544,921, Mar. 13.
Greenough, Maurice L., Groveland, Mass., assignor to Radio Corporation of America. Energizing circuit for servo systems. 2,544,922, Mar. 13.
Greensburg Machine Company, assignee: *See*—
Graham, Dallas P.
Schubert, Rudolph R.
Greensfelder, Elmer L., Provincetown, Mass. Bed guard. 2,557,538, June 19.
Greenspoon, Hyman, Mattapan, and N. Kristal, Dorchester, Mass. Clearing means for nozzles. 2,564,431, Aug. 14.
Greenstein, Saul, Philadelphia, assignor of one-eighth to A. McIlroy, Gladwyne, Pa. Multiple dry cell battery. 2,547,262, Apr. 3.
Greentree, Alexander, Nacogdoches, Tex., and D. A. Hermanson, Plainfield, N. J., assignors to Socony-Vacuum Oil Company, Incorporated. Refining petroleum hydrocarbons. 2,574,434, Nov. 6.
Greenup, Francis T., Merrick, assignor to REF Manufacturing Corporation, Mineola, N. Y. Mechanism for latching a receptacle and cover in a recess. 2,571,568, Oct. 16.
Greenup, Harold W., Barrington, and V. M. Green, Portsmouth, R. I., assignors to The Firestone Tire & Rubber Company, Akron, Ohio. Latex compositions and producing porous diaphragms. 2,537,631, Jan. 9.
Greenview Manufacturing Company, assignee: *See*—
Siemund, Herman.
Greenville Steel & Foundry Company, assignee: *See*—
Dameron, Henry A.
Greenwald, Fred A., Los Angeles County, assignor to Arrowhead Rubber Company, Los Angeles, Calif. Duct. Re. 23,317, Jan. 2.
Greenwood, Ernest L., F. W. Hughes, and A. W. Morledge-Hadfield, Spondon, near Derby, England, assignors to Celanese Corporation of America. Production of stencil tissue. 2,548,971, Apr. 17.
Greenwood, Henry B.: *See*—
Wagner, Wilmer W. Jr., and Greenwood.
Greenwood, Ivan A., Jr.: *See*—
Fredrick, Arden H., Greenwood, and Swartwout.
Greenwood, Ivan A., Jr., Pleasantville, and J. D. Hirsch, New Rochelle, N. Y., assignors to General Precision Laboratory Incorporated. Variable sweep circuit. 2,569,164, Sept. 25.
Greenwood, Walter, Madison, assignor of one-half to R. E. Allen, South Orange, N. J. Combined square and tape measure. 2,571,569, Oct. 16.
Greeott, George S., Healdsburg, Calif. Foot-operated vise. 2,561,621, July 24.
Greeott, George S., Healdsburg, Calif. Blade clod masher. 2,574,917, Nov. 13.
Greer, Don S., Winchester, assignor to J. W. Greer Company, Cambridge, Mass. Coating machine. 2,577,722, Dec. 4.
Greer, Donald M., Hinsdale, and J. L. Zink, assignors to Armour and Company, Chicago, Ill. Cheese manufacture. 2,544,672, Mar. 13.
Greer, Edward M.: *See*—
Mercier, Jean, and Greer.
Greer, Edward R., Wayzata, Minn. Rotating jet actuated apparatus for accelerating discharge and dispersion of snow and other material. 2,546,339, Mar. 27.
Greer Hydraulics, Inc., assignee: *See*—
Mercier, Jean, and Greer.
Greer, J. W., Company, assignee: *See*—
Greer, Don S.
Greer, John J., Conimicut, R. I. Torque wrench with predetermined torque signaling means. 2,553,311, May 15.
Greer, Sam H., assignee: *See*—
Cesaroni, Venanzio.
Greer, Walton J., Houston, Tex., assignor to Halliburton Oil Well Cementing Company, Duncan, Okla. Well logging system. 2,573,133, Oct. 30.
Greer, Walton J., Houston, Tex., assignor to Halliburton Oil Well Cementing Company, Duncan, Okla. Electric well logging system. 2,573,137, Oct. 30.
Gref, William C., Westport, assignor to Starring & Company, Inc., Bridgeport, Conn. Coil winding. 2,537,457, Jan. 9.

Gref, William C. and W. H., Westport, Conn. Article lifting and transporting dolly. 2,569,050, Sept. 25.
Gref, William H.: *See*—
Gref, William C., and W. H.
Greger, Herbert H., Rockville, Md. Solid aluminum hydrogen phosphates. 2,538,867, Jan. 23.
Gregg Car Company, Ltd., assignee: *See*—
Gregg, Otis T.
Gregg Company, Ltd., The, assignee: *See*—
Gregg, Otis T.
Gregg, David, Caldwell, assignor to Bendix Aviation Corporation, Teterboro, N. J. Inflatable ice eliminating apparatus. 2,539,576, Jan. 30.
Gregg, Joseph J., Springfield, Mass. Device for opening paper cartons. 2,550,346, Apr. 24.
Gregg, June S., assignee: *See*—
Cullen, Ernest E.
Gregg, Otis T., Hackensack, N. J., assignor to The Gregg Company, Ltd., New York, N. Y., and Gregg Car Company, Ltd., Panama, R. P. Side bearing for car trucks. 2,546,029, Mar. 20.
Gregg, Robert A., Passaic, N. J., assignor to United States Rubber Company, New York, N. Y. Soluble fusible unsaturated halogen-containing resins made by polymerization of di-2-alkenyl ester of an alpha-ethylenic dicarboxylic acid in the presence of a bromomethane compound typified by bromotrichloromethane. 2,547,701, Apr. 3.
Grégoire, Jean A., Paris, France. Motor vehicle and its manufacture. 2,549,191, Apr. 17.
Gregor, Joseph A., Avon Park, Fla., assignor to General Mills, Inc. Preparing baked food products. 2,549,595, Apr. 17.
Gregorie, Eugene T., Grosse Ile Township, Wayne County, and M. Jovanovich, Detroit, assignors to Ford Motor Company, Dearborn, Mich. Speedometer. 2,561,508, July 24.
Gregory, Albion H., London, England, assignor to Standard Oil Development Company. Automatic weighing machine. 2,548,473, Apr. 10.
Gregory, Cresswell R., Montreal, Quebec, assignor to Bomac Correctone Process Limited, Toronto, Ontario, Canada. Adjustable camera back. 2,562,312, July 31.
Gregory, Ernest, Hamden, Conn. Connector lug. 2,559,423, July 3.
Gregory, Horace G., Sioux Falls, S. Dak. Leaf gathering and disposal machines. 2,538,643, Jan. 16.
Gregory, James T., Cuyahoga Falls, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Preparation of beta-hydroxy monocarboxylic acid esters. 2,568,619, Sept. 18.
Gregory, Morton, Corporation, assignee: *See*—
Murdock, Robert W.
Gregory Motors, Inc., assignee: *See*—
Quick, Frederick A.
Gregory, Waylande C., Bound Brook, N. J. Composite article and making it. 2,542,134, Feb. 20.
Gregory, William C., Los Angeles, Calif. Strain gauge. 2,569,714, Oct. 2.
Gregory, William K., assignor to Continental Air Filters, Inc., Louisville, Ky. Air filter media. 2,555,125, May 29.
Gregson, Robert W.: *See*—
Delano, Raymond P., Jr., and Gregson.
Gregurich, Matt: *See*—
Stuckey, Warren A., Gregurich, and Tomasich.
Greibach, Emil H., New Rochelle, N. Y. Bifilar suspension for electrical measuring instruments. 2,562,183, July 31.
Greider, Harold W.: *See*—
Fasold, George A., and Greider.
Greider, Harold W., and M. F. Smith, Wyoming, Ohio, assignors to The Philip Carey Manufacturing Company. Asbestos sheet material and manufacture. 2,567,558, Sept. 11.
Greider, Harold W., and M. F. Smith, Wyoming, Ohio, assignors to The Philip Carey Manufacturing Company. Asbestos sheet material and manufacture. 2,567,559, Sept. 11.
Greif Bros. Cooperage Corporation, The, assignee: *See*—
Gardner, Harry R.
Greig, Edgar J., Kew, Victoria, Australia. Manually propelled carriage. 2,563,033, Aug. 7.
Greig, John H.: *See*—
McVay, Millard S., and Greig.
Greiner, Alfred, Cleveland Heights, Ohio, assignor to General Electric Company. Electric lamp and manufacture thereof. 2,542,326, Feb. 20.
Greiner, Alfred, Cleveland Heights, Ohio, assignor to General Electric Company. Shaping vitreous tubes. 2,561,859, July 24.
Greiner, Alfred, Cleveland Heights, and A. W. Seitz, Euclid, Ohio, assignors to General Electric Company. Glass tube bending apparatus. 2,542,325, Feb. 20.
Greiner, Charles J., Menasha, and O. T. Thompson, Neenah, Wis., assignors to International Cellucotton Products Company. Method and apparatus for making tampons. 2,566,190, Aug. 28.
Greiner, Harold F., Geneva, assignor to The Garlock Packing Company, Palmyra, N. Y. Adjustable rotary seal. 2,567,809, Sept. 11.
Greiner, Leonard, Los Angeles, Calif. Bottling or dispensing container. 2,543,163, Feb. 27.
Greisen, Elijah C., Wauwatosa, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Apparatus for cooling granular solids. 2,543,776, Mar. 6.
Greiser, Rudolph F.: *See*—
Rosenman, Abraham W., and Greiser.
Greist Manufacturing Company, The, assignee: *See*—
Allenby, William F.
Baehr, Carl G.
Connors, John.
Johnson, Harry N.
Russell, Herbert H.
Greitzer, Meyer, Beverly Hills, Calif. Supplementary slide table top for tables. 2,572,333, Oct. 23.
Grekel, Howard, assignor to Stanolind Oil and Gas Company, Tulsa, Okla. Azeotropic distillation of alcohols from methyl n-butyl ketone. 2,564,200, Aug. 14.
Grelck, William P. M., Baltimore, Md. Semisolid food product and making the same. 2,536,438, Jan. 2.
Grelck, William P. M., Baltimore, Md. Food product and production. 2,536,439, Jan. 2.
Grenfell, Kinloch P.: *See*—
Baumann, Frederick W., and Grenfell.
Grenstad, Arvid, Port Orchard, and R. B. Callison, Bremerton, Wash. Removal of optics filming coat. 2,549,805, Apr. 24.
Grenzeback, James H., Los Angeles, Calif. Overhead spring-actuated garage door. 2,552,959, May 15.
Greppin, Ernest H., assignor to Wilmot Castle Company, Rochester, N. Y. Dental operating lamp. 2,540,577, Feb. 6.
Gresham, Joseph H., Louisville, Ky. Stovepipe fastener. 2,549,192, Apr. 17.
Gresham, Paul J., Austin, Tex. Centrifuge bowl with reciprocating valve for discharging solids from the bowl. 2,559,917, July 10.
Gresham, Thomas L., and F. W. Shaver, Akron, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y. Preparation of amides. 2,548,155, Apr. 10.
Gresham, Thomas L., and F. W. Shaver, Akron, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y. Preparation of N-dialkyl hydracrylamides. 2,548,156, Apr. 10.
Gresham, Thomas L., and F. W. Shaver, Akron, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y. Rhodanine β-substituted propionic acid. 2,563,034, Aug. 7.
Gresham, Thomas L., and F. W. Shaver, Akron, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y. Preparation of nitrogen and sulfur containing beta-substituted carboxylic acids. 2,563,035, Aug. 7.
Gresham, Thomas L., and T. R. Steadman, Akron, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y. Substituted triazines. 2,568,620, Sept. 18.
Gresham, Thomas L., and F. W. Shaver, Akron, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y. Preparing n-aryl substituted beta-amino carboxylic acids. 2,568,621, Sept. 18.
Gresham, William F., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Production of amides. 2,542,766, Feb. 20.
Gresham, William F., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of alpha-methylacrolein. 2,549,457, Apr. 17.
Gresham, William F., assignor to E. I. du Pont de Nemours and Company, Wilmington, Del. Preparing polyhydric alcohols and related products. 2,570,792, Oct. 9.
Gresham, William F., and R. E. Brooks, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Organic ester synthesis. 2,542,767, Feb. 20.
Gresham, William F., and C. F. Schweitzer, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Hydroxy-methylmercapto-butyronitrile. 2,542,768, Feb. 20.
Gresham, William F., and R. E. Brooks, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Anhydride synthesis. 2,549,453, Apr. 17.
Gresham, William F., R. E. Brooks, and W. M. Bruner, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of methyl 4-oxobutyrate. 2,549,454, Apr. 17.
Gresham, William F., and R. E. Brooks, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Production of esters from olefinic compounds, carbon monoxide, hydrogen and organic carboxylic acids. 2,549,455, Apr. 17.
Gresham, William F., and C. E. Schweitzer, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of glutamic acid. 2,549,456, Apr. 17.
Gresham, William F., and A. McAlevy, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Reacting olefinic compounds with carbon monoxide and hydrogen. 2,564,104, Aug. 14.
Gresham, William F., and C. E. Schweitzer, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Aqueous methionine nitrile sulfate. 2,564,105, Aug. 14.
Gresham, William F., and I. D. Webb, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of acyl fluorides. 2,570,793, Oct. 9.
Gresko, John J.: *See*—
Brunner, George V., and Greskl.
Gress, Elmer L., Cincinnati, Ohio. Garden cultivating tool. 2,539,351, Jan. 23.

Gressel, Jules and P., assignors to Nouvelle Societe de Construction cidevant N. Schlumberger & Cie., Guebwiller, France. Cam and follower mechanism. 2,558,679, June 26.
Gressel, Paul: *See*—
Gressel, Jules and P.
Gressley, Bert T., Cheney, Wash. Straight beam adjustable jaw clamp. 2,551,880, May 8.
Gressley, Charles M., Harrison Township, Allegheny County, assignor to Gulf Research & Development Company, Pittsburgh, Pa. Air directing device for gun-type fuel oil burners. 2,569,754, Oct. 2.
Gretchikhine, Nicolas, Paris, France. Selective bed and cylinder printing machine. 2,536,276, Jan. 2.
Gretener, Edgar, Zurich, Switzerland. Ventilated arc. 2,540,256, Feb. 6.
Gretener, Edgar, Zurich, Switzerland. Telegraph system. 2,548,720, Apr. 10.
Gretener, Edgar, Zurich, Switzerland. Telemetric transmission of rotary movements by electromechanical means. 2,553,249, May 15.
Gretener, Edgar, Zurich, Switzerland. Illumination system. 2,574,031, Nov. 6.
Gretschel, Adolph J., Long Island City, N. J. Detachable handle for suitcases or other articles. 2,537,750, Jan. 9.
Greve, Herman L., Hollis, N. Y. Portable icebox. 2,555,126, May 29.
Grew, Violet C., assignee: *See*—
Lord, Francis L.
Grewe, John, Hartwell, Ohio. Dumpcart. 2,546,030, Mar. 20.
Grey, David S., Weston, assignor to Polaroid Corporation, Cambridge, Mass. Optical lens system. 2,552,672, May 15.
Grey, David S., Weston, assignor to Polaroid Corporation, Cambridge, Mass. Catadioptric optical system. 2,576,011, Nov. 20.
Grey, Victor A., assignor to Kartridg-Pak Machine Co., Chicago, Ill. Sealing structure. 2,570,441, Oct. 9.
Grey, Victor A., assignor, by mesne assignments, to Kartridg-Pak Machine Co., Chicago, Ill. Banding machine. 2,578,799, Dec. 18.
Greyhound Corporation, The, assignee: *See*—
Caesar, Orville S., and Loewy.
Caesar, Orville S., and Wiederhold.
Gribbins, Myers F., and H. R. Dittmar, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Food antioxidants. 2,563,835, Aug. 14.
Gribbins, Myers F., and H. R. Dittmar, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Food antioxidants. 2,564,106, Aug. 14.
Gribble, Ernest C., Olympia, Wash. Transit shed. 2,551,263, May 1.
Grico Two Axle Drive Company, assignee: *See*—
Stone, Leo F.
Gridiron Steel Company, assignee: *See*—
Fay, Horace B.
Gridley, Darrin H., Washington, D. C. Position sensing device. 2,575,342, Nov. 20.
Gridley, George O., Berlin, assignor to The New Britain Machine Company, New Britain, Conn. Drill speeder and the like. 2,542,408, Feb. 20.
Gridley, George O., Berlin, assignor to The New Britain Machine Company, New Britain, Conn. Collet. 2,562,455, July 31.
Grieb, Benjamin C., Chestnut Hill, assignor to Air-Shields, Inc., Hatboro, Pa. Marker buoy for air or surface craft. 2,559,918, July 10.
Grieder, Fred, Bowling Green, Ohio. Tube severing machine. 2,572,137, Oct. 23.
Griefen, Richard A., Conshohocken, and F. C. Mostertz, Philadelphia, Pa., assignors to Martin Fabrics Corporation, New York, N. Y. Replenishing narrow-ware loom. 2,579,491, Dec. 25.
Grieg, Donald D.: *See*—
Labin, Emile, and Grieg.
Labin, Emile, Grieg, and Young.
Grieg, Donald D., Forest Hills, assignor to Federal Telephone and Radio Corporation, New York, N. Y. Pulse multiplex drop channel system. 2,537,991, Jan. 16.
Grieg, Donald D., Forest Hills, assignor to Federal Telephone and Radio Corporation, New York, N. Y. Receiver circuit. 2,543,015, Feb. 27.
Grieg, Donald D., Forest Hills, assignor to Federal Telephone and Radio Corporation, New York, N. Y. Drop channel pulse multiplex system. 2,547,001, Apr. 3.
Grieg, Donald D., Forest Hills, N. Y., assignor to Federal Telephone and Radio Corporation, Newark, N. J. Radio detection system. 2,551,595, May 8.
Grieg, Donald D., and A. M. Levine, Forest Hills, assignors, by mesne assignments, to International Standard Electric Corporation, New York, N. Y. Multiple pulse producing system. 2,556,179, June 12.
Grieme, Walter, Osawatomie, Kans. Flat leakproof oiler. 2,536,277, Jan. 2.
Grier, F. M., assignee: *See*—
Hand, Thomas L.
Grier, Herbert E., Newton Centre, Mass. Flash-photography apparatus. 2,576,934, Dec. 4.
Grier, John A., Bronxville, N. Y., assignor, by mesne assignments, to Cleveland-Detroit Corporation. Liquid gas contact apparatus. 2,541,757, Feb. 13.
Gries, Otto: *See*—
Morin, Louis H., and Gries.
Gries, Otto, New Rochelle, N. Y. Snap hook. 2,540,330, Feb. 6.
Griese, Elmer G., Caldwell, N. J., assignor to Curtiss-Wright Corporation. Reinforcement for filled hollow steel blades. 2,566,701, Sept. 4.
Grieshaber, Emil, and K. V. Anderson, assignors to Nordberg Manufacturing Company, Milwaukee, Wis. Gas actuated inlet valve. 2,552,960, May 15.
Grieshaber, Fritz, Riehen, assignor to Ciba Limited, Basel, Switzerland. Mixtures of thioindigoid dyestuffs. 2,539,737, Jan. 30.
Grieshaber, Herman R., assignor to Grieshaber Manufacturing Company, Inc., Chicago, Ill. Tonsillectome. 2,577,616, Dec. 4.
Grieshaber Manufacturing Company, Inc., assignee: *See*—
Grieshaber, Herman R.
Griesinger, Walter H., Portland, Oreg. Baby feeding nipple. 2,537,583, Jan. 9.
Griesinger, William K.: *See*—
Nevison, John A., and Griesinger.
Griesinger, William K., Drexel Hill, assignor to The Atlantic Refining Company, Philadelphia, Pa. Fat splitting agent and producing same. 2,575,807, Nov. 20.
Griesser, Fritz, assignor to Rolladenfabrik A. Griesser A.-G., Aadorf, Switzerland. Winding and stopping mechanism for Venetian blinds. 2,579,144, Dec. 18.
Griff, Robert D., Rock Island, assignor to Deere & Company, Moline, Ill. Stalk cutter. 2,571,441, Oct. 16.
Griffes, Milton W., and H. J. Rathbun, assignors to The Electric Controller & Manufacturing Company, Cleveland, Ohio. Time-delay relay system. 2,549,307, Apr. 17.
Griffes, Milton W., and C. W. Merchant, Lake County, assignors to The Euclid Electric & Manufacturing Company, Madison, Ohio. Edgewound resistor. 2,560,690, July 17.
Griffey, Leon J., Tulsa, Okla., assignor, by mesne assignments, to Black, Sivalls & Bryson, Inc. Motion transmitting device. 2,542,769, Feb. 20.
Griffin, Bessie V., Newark, N. J. Portable receptacle support. 2,550,554, Apr. 24.
Griffin Chemical Company, assignee: *See*—
Ruedrich, Paul M.
Griffin, Dewey J., Wichita, Kans. Stand for Christmas trees. 2,550,009, Apr. 24.
Griffin, Ira L., Charlotte, N. C. Intermittently treating sized yarn. 2,568,446, Sept. 18.
Griffin, James H.: *See*—
Waldron, Frederic B., and Griffin.
Griffin, James H., Moss Bank, St. Helens, assignor to Pilkington Brothers Limited, Liverpool, England. Method and apparatus for grinding flat glass on both faces simultaneously. 2,577,889, Dec. 11.
Griffin, John E., Muskegon, Mich. Photographic contact printing apparatus. 2,559,766, July 10.
Griffin, Mervil E., Dubuque, Iowa. Powder blower with safety switch. 2,561,860, July 24.
Griffin, Norman M., Boston, Mass. Detachable extension for pressure cookers. 2,545,577, Mar. 20.
Griffin, Ramon A., Oklahoma City, Okla. Safety razor. 2,559,189, July 3.
Griffin, Richard S., Glendale, Calif. Optical centering gauge. 2,557,029, June 12.
Griffin, Roger L., Marblehead, assignor to A. C. Lawrence Leather Company, Peabody, Mass. Conveyer unloading apparatus. 2,572,472, Oct. 23.
Griffin, Roger L., Marblehead, and N. Y. Moore, Danvers, assignors to A. C. Lawrence Leather Company, Peabody, Mass. Spraying apparatus for spraying moving plates. 2,561,198, July 17.
Griffin, Roger L., Marblehead, and N. Y. Moore, Danvers, assignors to A. C. Lawrence Leather Company, Peabody, Mass. Conveyer. 2,575,914, Nov. 20.
Griffin, Steve, Oakland, Calif. Glove. 2,547,388, Apr. 3.
Griffin, Theodore R., Lexington, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Adjustable fastener stud. 2,552,779, May 15.
Griffin, William C.: *See*—
De Navarre, Maison G., and Griffin.
Griffin, William C., Newport, Del. Equal arm balance. 2,567,161, Sept. 4.
Griffin, William C., West Chester, Pa., assignor to Atlas Powder Company, Wilmington, Del. Solid essential oil concentrate and preparing the same. 2,566,410, Sept. 4.
Griffing, William C., Danbury, Conn. Hat brim curling device. 2,542,811, Feb. 20.
Griffins, Morris E.: *See*—
Peterson, Seth E., and Griffins.
Griffins, Morris E., Riverside, assignor to Automatic Electric Laboratories, Inc., Chicago, Ill. Automatic switch control circuit. 2,576,220, Nov. 27.
Griffith, Alan A., assignor to Rolls-Royce, Limited, Derby, England. Fluid-solid boundary surface for aircraft. 2,554,187, May 22.
Griffith, Bain, assignor to General Motors Corporation, Detroit, Mich. Drive axle. 2,548,258, Apr. 10.
Griffith, Ben H., Jr., West Allis, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Dielectric drier having an adjustable exhaust system. 2,560,763, July 17.
Griffith, Benjamin F., Wheeling, W. Va. Flexible mobile receptacle. 2,571,442, Oct. 16.

Griffith, Charles W., Baltimore, Md. Crate. 2,552,007, May 8.
Griffith, Doke, Prestonsburg, Ky. Control system for annunciators. 2,554,404, May 22.
Griffith, Ernest H., Jal, N. Mex., assignor to Marvel Oil Treater, Inc., Device for treating oil for the separation of water. 2,567,998, Sept. 18.
Griffith, Everette E., Jr., assignor to Technicolor Motion Picture Corporation, Los Angeles, Calif. Method and apparatus for striping film. 2,569,755, Oct. 2.
Griffith, Frank, Philadelphia, Pa. Die head for cutting threads. 2,574,260, Nov. 6.
Griffith, Frederick: *See*—
Kautzmann, George L., and Griffith.
Griffith-Hope Company, assignee: *See*—
Hope, Samuel N.
Griffith, James J.: *See*—
Hannold, William L., and Griffith.
Griffith, John B., and B. C. Dutton, Riverside, Calif.; said Dutton assignor to said Griffith. Venetian blind. 2,566,191, Aug. 28.
Griffith, John W., Pittsburgh, Pa. Pneumatic tire casing. 2,546,858, Mar. 27.
Griffith Laboratories, Inc., The, assignee: *See*—
Brown, Andrew G.
Hall, Lloyd A.
Hall, Lloyd A., and Sair.
Komarik, Stephen L., and Hall.
Sair, Louis, and Hall.
Griffith, Le Roy A., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Liquid measuring condenser. 2,563,281, Aug. 7.
Griffith, Paul H., Ardmore, Pa. Fusee. 2,545,275, Mar. 13.
Griffith, Percy L.: *See*—
Boesche, Frank H., Staver, and Griffith.
Griffith, Ronald G., Warlingham, England. Printing telegraph system. 2,575,268, Nov. 13.
Griffith, Roscoe W., Parkersburg, assignor of five per cent to J. L. Coyner, Clover Lick, W. Va. Traveling nigger for sawmills. 2,542,191, Feb. 20.
Griffiths, Francis F., Wethersfield, Conn. Piston position indicator. 2,567,430, Sept. 11.
Griffiths, Hugh M., Bradway, near Sheffield, assignor to Rip-Bits, Limited, Sheffield, England. Making rock drill bits. 2,578,351, Dec. 11.
Griffiths Laboratories, Inc., The, asssignee: *See*—
Hall, Lloyd A., and Sair.
Griffiths, Ronald E.: *See*—
Campbell, Charles H., Griffiths, and Cramer.
Griffon, Gaston, assignor to Society called "Solex," S. A. R. L., Neuilly-sur-Seine, France. Fuel injection carburetor. 2,580,294, Dec. 25.
Grigg, Guy M., Hope, Ark. Thrust stabilizer for outboard motors. 2,551,371, May 1.
Griglak, Stephen I., Manassas, Va. Signal for casting apparatus. 2,542,511, Feb. 20.
Grigoteit Company, The, assignee: *See*—
Howie, John L., Jr.
Grigsby-Allison Co. Inc., assignee: *See*—
Allison, Kenneth C.
Grigsby, Bertram J., trustee, assignee: *See*—
Grigsby, Marion W., and Mehan.
Grigsby, Earl J., San Pedro, Calif. Bracket for shade rollers. 2,569,756, Oct. 2.
Grigsby, Marion W., Arlington Heights, and T. O. Mehan, Park Ridge, assignors to Bertram J. Grigsby, Chicago, Ill., as trustee. Partial product machine. 2,580,295, Dec. 25.
Grigsby, William E., and E. S. Bloom, assignors to E. I. de Pont de Nemours & Company, Wilmington, Del. Purification of organic nitriles. 2,570,794, Oct. 9.
Grigsby, William M., assignor to American Paper Co., Inc., Richmond, Va. Mechanical lifting device. 2,570,941, Oct. 9.
Grill, Raymond E., Long Beach, and V. L. White, Los Angeles, assignors to Northrop Aircraft, Inc., Hawthorne, Calif. Jato release device. 2,544,830, Mar. 13.
Grilley, Edmund S., assignor to Hobbs Manufacturing Company, Fort Worth, Tex. Vehicle body brace. 2,576,397, Nov. 27.
Grim, George B., Washington, and K. J. Fleck, assignors to Caterpillar Tractor Co., Peoria, Ill. Engine governor. 2,539,738, Jan. 30.
Grimac, Theodore E., Hartford, assignor to United Aircraft Corporation, East Hartford, Conn. Ducted spinner inlet. 2,575,415, Nov. 20.
Grimberg, John J., New York, assignor to L. S. Grimberg, Rochester, N. Y. Drier. 2,554,825, May 29.
Grimberg, Lydia S., assignee: *See*—
Grimberg, John J.
Grime, Edward P., Los Angeles, Calif. Two-speed hydraulic jack. 2,539,739, Jan. 30.
Grimes, Harlan E., Bromley, Ludlow Station, Ky., assignor to Automatic Electric Laboratories, Inc., Chicago, Ill. Two-way telephone trunk circuit. 2,546,067, Mar. 20.
Grimes, Lester A., New Rochelle, assignor to The Reliable Automatic Sprinkler Co., Inc., Mount Vernon, N. Y. Controls means. 2,537,458, Jan. 9.
Grimes, Louis M., Chicago, Ill. Extrusion apparatus. 2,567,704, Sept. 11.
Grimes, Warren G., Urbana, Ohio. Variable friction gearing. 2,540,942, Feb. 6.
Grimes, William F., Dayton, Ohio. Sealing tube and sealing. 2,554,328, May 22.
Grimm, Albert C., Lancaster, Pa., assignor to Radio Corporation of America. Lead for electron discharge devices. 2,558,357, June 26.
Grimm, Carl J.: *See*—
Campbell, Clyde L., and Grimm.
Grimm, Charles S., Iowa City, Iowa, assignor of one-half to G. F. Carpenter, Chicago, Ill. Railroad spike puller. 2,545,027, Mar. 13.
Grimm, Cliel L., Highland Park, Mich. Weedless fish bait. 2,549,458, Apr. 17.
Grimm, Oskar, Kusnacht, Switzerland, assignor to Daphne Investment Trust, Vaduz, Principality of Liechtenstein. Movement control device for magnetic sound heads on sound recording and sound reproducing machines. 2,562,665, July 31.
Grimm, Ralph C., Cedar Rapids, Iowa. Adjustable alignment platform for X-ray tables. 2,568,191, Sept. 18.
Grimmeisen, Herman O., assignor to Gilbert & Barker Manufacturing Company, West Springfield, Mass. Rotary, internal-mixing, air-atomizing nozzle for oil burners. 2,539,778, Jan. 30.
Grimmel, Harry W., Riegelsville, Pa., and A. F. Strobel, Phillipsburg, N. J., assignors to General Aniline & Film Corporation, New York, N. Y. Furoic amides of amino naphthols. 2,543,745, Mar. 6.
Grimmer, Ernest A., Indianapolis, Ind. Thread cleaner. 2,580,170, Dec. 25.
Grimshaw, Charles H., Kalamazoo, Mich. Shank stiffener for shoes. 2,570,795, Oct. 9.
Grimshaw, Ralph, Jr.: *See*—
Grimshaw, Robert A. and R.
Grimshaw, Robert A., Toledo, and R. Grimshaw, Jr., Fremont, Ohio. Minnow bucket. 2,564,598, Aug. 14.
Grinage, Claude M.: *See*—
Bullard, Edward P. and E. P., III, Appelberg, Bjorklund, Cowell, Grinage, Johnson, Lange, and Mussler.
Bullard, Edward P., III, and Grinage.
Grindstaff, Herbert E., and F. J. Bearden, Los Angeles, Calif. Fluorescent light for display cabinets. 2,537,525, Jan. 9.
Grindstaff, Ray A., Spokane, Wash. Chicken feeder. 2,541,241, Feb. 13.
Gring, John L.: *See*—
Williamson, Hilding V., and Gring.
Grinham, Edward G., and W. R. Turner, assignors to The Standard Motor Company Limited, Coventry, England. Remote control mechanism of change-speed gearing of a motor-vehicle. 2,546,440, Mar. 27.
Grinnell, Arthur L.: *See*—
Smith, Kenneth A., and Grinnell.
Grinnell Corporation, assignee: *See*—
Howarth, Edmund, and Sherburne.
Loepsinger, Albert J.
Grip, Erik: *See*—
Toorell, Sture, and Grip.
Grip, Erik K., assignor to Aktiebolaget Atvidaberg-Facit, Atvidaberg, Sweden. Clearing device in calculating machines. 2,554,103, May 22.
Grip, Erik K., assignor to Aktiebolaget Facit, Atvidaberg, Sweden. Full-stroke mechanism. 2,558,950, July 3.
Grip Nut Company, assignee: *See*—
Tripp, Chester D.
Gripp, Robert R.: *See*—
Callahan, Randall B., and Gripp.
Grisamore, Nelson T., and A. Kossiakoff, Cumberland, Md., assignors to the United States of America as represented by the Secretary of War. Igniter case for rockets. 2,548,972, Apr. 17.
Griscom-Russell Company, The, assignee: *See*—
Bisch, William.
Knowlton, Eugene B.
Griscombe Corporation, assignee: *See*—
Brownscombe, Philip J.
Grisdale, George L., Great Baddow, Chelmsford, England, assignor to Radio Corporation of America. Oscillation generator. 2,543,456, Feb. 27.
Grisé, Alfred L., Springfield, assignor to Gilbert & Barker Manufacturing Company, West Springfield, Mass. Oscillating cylinder piston meter. 2,537,751, Jan. 9.
Griset, Ernest J., Jr., Asheville, assignor to American Enka Corporation, Enka, N. C. Threading ring twisting machines. 2,572,138, Oct. 23.
Grison, Harry, Jersey City, N. J. Hair curl clamp. 2,549,193, Apr. 17.
Grissinger, George G., and B. G. Tremblay, Wilkinsburg, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Circuit breaker. 2,575,709, Nov. 20.
Grissinger, Glen R., Long Beach, Calif., assignor to The Standard Stoker Company, Incorporated. Dough divider. 2,536,846, Jan. 2.
Griswold, Donald G., assignor to Clayton Manufacturing Company, Alhambra, Calif. Quick-operating pressure relief valve. 2,543,846, Mar. 6.
Griswold, Donald G., Alhambra, assignor to Clayton Manufacturing Company, Los Angeles, Calif. Hydraulic drill press and control means therefor. 2,558,295, June 26.
Griswold, Donald G., Alhambra, Calif. Pilot valve. 2,564,529, Aug. 14.

Griswold, Donald G., San Marino, Calif. Rotary fluid motor and valve means for controlling the same. 2,545,774, Mar. 20.
Griswold, James H., Redondo Beach, Calif. Tide power generator. 2,566,447, Sept. 4.
Griswold, John, Austin, Tex. Recovery of pure hydrocarbons by extractive distillation. 2,537,459, Jan. 9.
Griswold, Owen H., Santa Monica, Calif., assignor to Air Associates, Incorporated, Teterboro, N. J. Clamping buckle. 2,537,307, Jan. 9.
Griswold, Porter E., Yakima, Wash. Hop-picking machine. 2,536,927, Jan. 2.
Griswold, Roger C., Kingston, Mass. Device for folding tape for braiding. 2,564,895, Aug. 21.
Griswold, Stanley M., West Newton, assignor to B. B. Chemical Co., Boston, Mass. Making insoles. 2,538,776, Jan. 23.
Griswold, Stanley M., Newton, and H. C. Paulsen, Medford, Mass., assignors to United Shoe Machinery Corporation, Flemington, N. J. Making insole matrices. 2,577,749, Dec. 11.
Griswold, Stanley M., Newton, and H. C. Paulsen, Medford, Mass., assignors to United Shoe Machinery Corporation, Flemington, N. J. Matrix for use in making welt insoles. 2,577,750, Dec. 11.
Grivet, Pierre: *See*—
Bonne, Robert, Cahour, and Grivet.
Grivet, Pierre, Paris, France, assignor to Compagnie Generale de Telegraphie Sans Fil. Electron tube for operation with short waves. 2,578,471, Dec. 11.
Groak, Vilemina, assignor to Lamson Paragon Supply Company Limited, London, England. Transfer sheet. 2,558,048, June 26.
Groat, Francis P., assignor to The Magee Carpet Company, Bloomsburg, Pa. Pile wire and weaving pile fabrics. 2,546,261, Mar. 27.
Groat, Francis P., assignor to The Magee Carpet Company, Bloomsburg, Pa. Weaving loop pile fabrics. 2,573,841, Nov. 6.
Grob, Cyril, Basel, assignor to Haco-Gesellschaft A. G., Gumligen, near Berne, Switzerland. 3-nitro-4-hydroxythiophanes. 2,545,433, Mar. 20.
Grob, Cyril, Basel, assignor to Haco-Gesellschaft A. G., Gumligen, near Berne, Switzerland. 3-nitro-4-aminothiophanes. 2,545,434, Mar. 20.
Grob, Oskar, assignor to Zellweger A. G. Apparate-und Maschinenfabriken Uster, Uster, Switzerland. Electrical remote control system. 2,567,018, Sept. 4.
Grob, Oskar, and H. Locher, assignors to Zellweger A. G., Apparate-und Maschinenfabriken Uster, Uster, Switzerland. Apparatus for gauging textiles, particularly yarns and silver. Re. 23,368, May 22.
Grob, Willy, Zurich, Switzerland. Warp beam. 2,563,036, Aug. 7.
Grobey, Paul A.: *See*—
Arms, Merton H., and Grobey.
Grobowski, Benny T., assignor to The E. T. Rugg Company, Newark, Ohio. Lawn mower. 2,548,721, Apr. 10.
Groce, George R., Vienna, assignor of forty-nine per cent to W. V. Burkey, Parkersburg, W. Va. Container printing machine. 2,553,085, May 15.
Groch, Frank O., Jr.: *See*—
Kurtz, Gerald T., and Groch.
Grocoff, William, San Francisco, Calif. Butter cutter. 2,563,237, Aug. 7
Groebe, John L.: *See*—
Miller, Alvin J., and Groebe.
Groeller, Alexander, Northville, Mich. Traction attachment device for vehicle wheels. 2,556,270, June 12.
Groene, Willard L., Phoenix, Ariz., assignor to The R. K. LeBlond Machine Tool Co., Cincinnati, Ohio. Broaching rotating work. 2,553,966, May 22.
Groenenberg, Maarten J., Eindhoven, Netherlands, assignor to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Adjustable mount for cathode-ray tube in Schmidt projector. 2,571,233, Oct. 16.
Groetzinger, Herbert B., assignee: *See*—
Staaf, Richard V.
Groetzinger, Herbert W., assignee: *See*—
Staaf, Richard V.
Groetzinger, Raymond B., assignor to Blaw-Knox Company, Pittsburgh, Pa. Furnace door or the like. 2,547,204, Apr. 3.
Groff, Angus W., Toronto, Ontario, Canada. Rim wash toilet. 2,558,680, June 26.
Groff, Howard M., Mount Joy, Pa., assignor to Conmar Products Corporation, Newark, N. J. Automatic lock slider for slide fasteners. 2,569,051, Sept. 25.
Grogan, Charles H., West Falls Church, Va. Apparatus for testing piezoelectric pressure gauges. 2,539,418, Jan. 30.
Grogan, Charles H., West Falls Church, Va. Apparatus for calibrating piezoelectric crystal units. 2,574,475, Nov. 13.
Grogan, Leo V., Detroit, Mich., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Transport container for liquefied gases. 2,551,435, May 1.
Grogan, William B., Long Beach, Calif. Venetian blind. 2,560,858, July 17.
Groh, Henry, Glen Spey, assignor of one-half to H. W. Cron, Port Jervis, N. Y. Holder for cosmetics. 2,577,577, Dec. 4.
Groh, Henry, Glen Spey, assignor of one-half to H. Cron, Port Jervis, N. Y. Button cover. 2,577,723, Dec. 4.
Grohman, Sanford H.: *See*—
Grohman, Walter G. and S. H.
Grohman, Walter G. and S. H., New York, N. Y. Batting means for mechanical baseball games. 2,559,872, July 10.
Grommes, Frank E., Pittsburgh, Pa., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Wrench operated tap changer mechanism. 2,568,887, Sept. 25.
Gröndahl, Karl T., assignor to Bohus Mekaniska Verkstads Aktiebolag, Goteborg, Sweden. Electrode steam generator. 2,562,184, July 31.
Gröndahl, Karl T., assignor to Bohus Mekaniska Verkstads Aktiebolag, Goteborg, Sweden. Electrical heating apparatus and method. 2,562,843, July 31.
Groninger, Wayne L., Silver Lake, Ind. Farm tractor double clutch and drive. 2,573,010, Oct. 30.
Groombridge, Walter H., Spondon, near Derby, England, assignor to Celanese Corporation of America. Manufacture of acetic acid. 2,556,271, June 12.
Grooms, Albert O., assignor to General Motors Corporation, Dayton, Ohio. Flow control means in refrigerating apparatus. 2,566,192, Aug. 28.
Groot, Evert H., Amsterdam, assignor to Naamlooze Vennootschap: W. A. Scholten's Aardappelmeelfabrieken, Groningen, Netherlands. Biological production of citric acid. 2,550,243, Apr. 24.
Gropp, John L.: *See*—
McGregor, Alexander D., and Gropp.
Grosdoff, Igor E.: *See*—
Bliss, Warren H., and Grosdoff.
Grosdoff, Igor E., Princeton, N. J., assignor to Radio Corporation of America. Electronic counter. 2,540,442, Feb. 6.
Grosdoff, Igor E., Princeton, N. J., assignor to Radio Corporation of America. Electronic switching device. 2,545,082, Mar. 13.
Grosdoff, Igor E., Princeton, N. J., assignor to Radio Corporation of America. High-speed switching circuit. 2,545,083, Mar. 13.
Grosdoff, Igor E., Princeton, N. J., assignor to Radio Corporation of America. Trigger circuits. 2,550,116, Apr. 24.
Grosdoff, Igor E., Princeton, N. J., assignor to Radio Corporation of America. Electronic counter. 2,566,831, Sept. 4.
Grosdoff, Igor E., Princeton, N. J., assignor to Radio Corporation of America. Reset circuit for electronic counters. 2,568,918, Sept. 25.
Grosdoff, Igor E., Princeton, N. J., assignor to Radio Corporation of America. Production of sharp pulses. 2,570,442, Oct. 9.
Gross, A. Edward, assignee: *See*—
Wheeler, Henry F.
Gross, Angus R., Jr., Baltimore, Md. Ice shaver. 2,565,226, Aug. 21,
Gross, Clarence D., Cuyahoga Falls, Ohio. Push-button switch. 2,562,185, July 31.
Gross, Donald A., San Antonio, Tex. Swivel joint. 2,547,316, Apr. 3.
Gross, Frank C., Chicago, Ill., assignor, by mesne assignments, to Package Machinery Company, East Longmeadow, Mass. Apparatus for filling containers with ice cream or the like. 2,553,250, May 15.
Gross, George E., Chicago, Ill. Key container. 2,547,524, Apr. 3.
Gross, Henry and S., London, England. Independent actuator tens transfer device. 2,564,254, Aug. 14.
Gross, Henry R., Chicago, Ill. Dirigible spot lamp. 2,540,257, Feb. 6.
Gross, Herbert L., Parkton, Md. Water kite. 2,556,423, June 12.
Gross, Leslie C., Hughson, Calif. Low bed vehicle. 2,544,456, Mar. 6.
Gross, Malcolm E., and E. B. Newton, Akron, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y. Controlled partial decomposition of chlorinated rubber. 2,554,700, May 29.
Gross, Owen B., Pasadena, Calif. Electric iron cord support. 2,543,239, Feb. 27.
Gross, Robert J.: *See*—
Gingrich, Sherman W., and Gross.
Gross, Rose, New York, N. Y. Diaper. 2,570,796, Oct. 9.
Gross, Samuel: *See*—
Gross, Henry and S.
Gross, William E., Joppa, and P. O. Rockwell, Baltimore, Md., assignors to the United States of America as represented by the Secretary of War. Gas mask canister. 2,537,992, Jan. 16.
Grosse, Aristid V., Haverford, Pa., assignor to Houdry Process Corporation, Wilmington, Del. Catalytic polymerization. 2,543,016, Feb. 27.
Grosse, Aristid V., Haverford, and J. C. Snyder, Darlington, Pa., assignors to Houdry Process Corporation, Wilmington, Del. Production of organic compounds from methane sulfonic acid. 2,553,576, May 22.
Grosse, Aristid V., Haverford, Pa., and A. F. Reid, Dallas, Tex., assignors to Sun Oil Company, Philadelphia, Pa. Isotope concentration process. 2,559,152, July 3.
Grosse, Rudolph, Jacksonville, Fla. Hydraulic safety valve. 2,566,609, Sept. 4.

Grossenbach, Walter F., Ashton, Idaho. Key for opening cans. 2,552,961, May 15.
Grossenbacher, Frank E., North Hollywood, Calif. Airplane washer. 2,559,295, July 3.
Grosser, Frederick, Easton, Pa., assignor to General Aniline & Film Corporation, New York, N. Y. Vinylethertri-or tetrachloroethylene interpolymerization products and producing the same. 2,547,819, Apr. 3.
Grosshans, George, Maplewood, assignor to Peerless Tube Company, Bloomfield, N. J. Machine for internally threading collapsible tube necks. 2,554,405, May 22.
Grossi, Carlo, Cleveland, Ohio. Animal trap. 2,549,080, Apr. 17.
Grossi, Frank X.: *See*—
Landau, Argo E., and Grossi.
Grossi, Frank X., assignor to Royal Bond, Inc., St. Louis, Mo. Methods and materials for embalming jaundiced bodies. 2,576,219, Nov. 27.
Grossman, Adrian J., assignor to American Cyanamid Company, New York, N. Y. Continuous process for the preparation of alkylated alkylol melamine. 2,537,131, Jan. 9.
Grossman, Al, Chicago, Ill. Diaper holder. 2,566,193, Aug. 28.
Grossman, Darwin B., New Rochelle, N. Y. Drill unit. 2,542,866, Feb. 20.
Grossman, Darwin B., New Rochelle, N. Y. Apparatus for spraying hot dope, lacquers, and other thermally thinned material. 2,546,741, Mar. 27.
Grossman, Harry C., Baltimore, Md. Vehicle spring holding device. 2,568,231, Sept. 18.
Grossman, John R., Portland, and W. L. Milliken, Oregon City, Oreg. Oil indicator label holder. 2,545,693, Mar. 20.
Grossman, John R., Portland, and W. L. Milliken, Oregon City, Oreg. Oil indicator. 2,545,694, Mar. 20.
Grossman, Paul R., Alliance, Ohio, assignor to The Babcox & Wilcox Company, Rockleigh, N. J. Fluid heater. 2,563,323, Aug. 7.
Grossman, Paul R., Irvington, N. J., and J. F. Shannon, Euclid, Ohio, assignors to The Babcock & Wilcox Company, Rockleigh, N. J. Fluid heater control. 2,577,655, Dec. 4.
Grossman, Richard M., Chicago, Ill. Shower head. 2,573,904, Nov. 6.
Grossmann, Marcus A., Pittsburgh, Pa., assignor to United States Steel Company. Determining hardenability of steel. 2,559,016, July 3.
Grossmann, Paul, Binningen, and W. Kern, Sissach, assignors to Ciba Limited, Basel, Switzerland. Anthraquinone-azomethine dyestuffs. 2,538,152, Jan. 16.
Grossnickle, Myron D.: *See*—
Kennedy, Eugene P., and Grossnickle.
Grossniklaus, Alice J., Wilmot, Ohio. Foldable box. 2,549,682, Apr. 17.
Grosso, Patrick P., Brooklyn, N. Y. Rotating cutting disk type power mower. 2,539,779, Jan. 30.
Grostic, John F., Ann Arbor, Mich. Instrument for determining displacements in X-ray photographs. 2,557,428, June 19.
Grosvenor, Benjamin: *See*—
Splaine, Edward M., and Grosvenor.
Grosz, Zoltan J., New York, N. Y. Handbag convertible to a shoulder bag. 2,542,246, Feb. 20.
Grote, Alfred W., Freeport, Maine. Container with spring-biased closure having means for dispensing a measured quantity of container contents. 2,561,111, July 17.
Groth, Fred A., assignor to himself and S. M. Whitehill, Chicago, Ill. Apparatus for injection molding. 2,561,021, July 17.
Grothouse, Frank T., South Euclid, Ohio, and C. Frere, Bridgeport, Conn., assignors to General Electric Company. Attaching a panel to a surface. 2,543,626, Feb. 27.
Ground, James W.: *See*—
Avers, Henry, and Ground.
Grouse, Richard A., assignor, by mesne assignments, to A. H. Hunt Limited, Wandsworth, London, England. Apparatus for the manufacture of metallized paper for electric condensers. 2,549,966, Apr. 24.
Grove, Carl C., Gardena, assignor to Union Oil Company of California, Los Angeles, Calif. Electrical process for dehydrating oil. 2,539,074, Jan. 23.
Grove, Donald J.: *See*—
Hipple, John A., Jr., and Grove.
Grove Farm Company, Limited, assignee: *See*—
Moragne, William M.
Grove, George H., Nitro, W. Va., assignor to Monsanto Chemical Company, St. Louis, Mo. Manufacture of sulfur. 2,569,375, Sept. 25.
Grove, Marvin H., Piedmont, Calif., assignor, by mesne assignments, to Grove Regulator Company. Valve. 2,556,689, June 12.
Grove, Oral G.: *See*—
Abbott, Perry L., and Grove.
Grove, Orville A., Long Beach, Calif. Eyeshield. 2,541,242. Feb. 13.
Grove Regulator Company, assignee: *See*—
Annin, Douglas H.
Grove, Marvin H.
Murray, Russell T.
Witt, Richard M.
Grove, Stephen L., assignor of one-half to H. K. West, Louisville, Ill. Safety crank device. 2,548,666, Apr. 10.
Grove, William R., Laurel, assignor to D. Eaton, Sarasota, Fla. Plant propagation. 2,572,473, Oct. 23.
Grover, George, Long Island City, N. Y. Rotating seesaw. 2,558,431, June 26.
Grover, Richard K.: *See*—
Kirshenbaum, Isidor, and Grover.
Groves, Merton L.: *See*—
Hipp, Norbert J., Groves, and McMeekin.
Groves, Walter L., Wichita, Kans., and E. J. Wright, Kansas City, Mo. Machine for moistening gummed tape. 2,539,016, Jan. 23.
Grow, Harlow B., New Carlisle, Ohio. Ducted rocket propulsion means for aircraft. 2,547,936, Apr. 10.
Grow, Ora W., Astoria, N. Y. Hair trimmer and molder. 2,551,535, May 1.
Grubb, Henry M.: *See*—
Strange, John H., and Grubb.
Grubb, Roland A., Glendale, Calif. Dental aspirator. 2,561,622, July 24.
Grubb, William: *See*—
Ek, Lester, W., and Grubb.
Grube, John H., Pasadena, Calif., assignor, by mesne assignments, to Overniter Manufacturing Corporation. Rubber spring and axle assembly. 2,553,188, May 15.
Grube, Otto R., Egg Harbor City, N. J. Holder for grinding lathe tool bits. 2,536,279, Jan. 2.
Grubelic, Nicholas, East Farmingdale, assignor of thirty-three and one-third per cent to I. Kushner, Great Neck, N. Y. Fluid measuring device. 2,563,601, Aug. 7.
Gruben, James F., Roby, Tex. Dual film camera. 2,546,540, Mar. 27.
Gruber, Abraham: *See*—
Parnes, Morris, and Gruber.
Gruber, Francis E.: *See*—
Gordenier, Robert E., Gruber, and Thull.
Gruber, Francis E., assignor to Brown & Bigelow, St. Paul, Minn. Knife blade construction. 2,550,347, Apr. 24.
Gruber, Francis E., assignor to Brown & Bigelow, St. Paul, Minn. Ball point fountain pen. 2,565,556, Aug. 28.
Gruber, Morris M., assignor to Presto Recording Corporation, New York, N. Y. Plural motor turntable drive. 2,573,011, Oct. 30.
Gruber, Ralph E., San Francisco, Calif. Drinking glass. 2,541,581. Feb. 13.
Grudgings, Donald M.: *See*—
Reynolds, Peter W., and Grudgings.
Grudin, Maurice, Paterson, N. J. Electrical musical instrument. 2,539,130, Jan. 23.
Grue, Finn E., Sherman Oaks, Calif. Suction cleaner device. 2,555,742, June 5.
Grue, Louis F., Baltimore, Md. Adjustable waistband for pleated trousers. 2,569,853, Oct. 2.
Gruen, Wolf J., Syracuse, N. Y., assignor to General Electric Company. Oscillator synchronizing system. 2,540,820, Feb. 6.
Gruen, Wolf J., Syracuse, N. Y., assignor to General Electric Company. Radio receiver. 2,541,818, Feb. 13.
Gruenberg, Ivor J., Pleasant Ridge, and C. K. Davis, Detroit, assignors, by mesne assignments, to Formsprag Company, Van Dyke, Mich. Sprag type one-way clutch. 2,555,484, June 5.
Gruendler Crusher and Pulverizer Co., assignee: *See*—
Shelton, Harry J., Jr.
Grueneberg, Walter A., assignor to Jackson & Church Company, Saginaw, Mich. Machine for the manufacture of molded building units. 2,568,802, Sept. 25.
Gruenhut, Alfred, assignor to Mills Industries, Incorporated, Chicago, Ill. Light projector for displaying images carried by an intermittently rotatable wheel. 2,560,390. July 10.
Gruenther, Hermann, Mendenhall, Pa. Device for clamping an auxiliary shield to a glare shield. 2,542,409, Feb. 20.
Gruetjen, Frederick A., assignor to A. O. Smith Corporation, Milwaukee, Wis. Piston fabrication. 2,539,903, Jan. 30.
Gruetjen, Frederick A., assignor to A. O. Smith Corporation, Milwaukee, Wis. Balance weight calculator. 2,541,243. Feb. 13.
Gruetjen, Frederick A., assignor to A. O. Smith Corporation, Milwaukee, Wis. Propeller shank forming press. 2,558,845, July 3.
Gruetjen, Frederick A., assignor to A. O. Smith Corporation, Milwaukee, Wis. Apparatus for upsetting edges. 2,569,522, Oct. 2.
Gruettner, Gerard G., assignor to Lathem Time Recorder Company, Atlanta, Ga. Watchman's clock. 2,557,870, June 19.
Gruettner, Gerhard G., and R. C. Stiefel, assignors, by mesne assignments, to New Hermes Ring Engraving Corp., New York, N. Y. Copying machine for engraving jewelry. 2,562,269, July 31.
Grumblatt, Victor J., East Cleveland, Ohio, assignor to General Electric Company. Swivel and locking connection for tubes. 2,579,314, Dec. 18.
Grummitt, Oliver J., assignor to The Sherwin-Williams Company, Cleveland, Ohio. Stabilizer for halogen-containing polymers. 2,554,142, May 22.
Grunden, Reed M.: *See*—
Cassidy, John H., and Grunden.
Grundin, Ivan V., and E. G. V. Erlandsson, Stockholm, Sweden. Counting-relay selector and switching system. 2,542,079, Feb. 20.

Grundlehner, Ernest, Teaneck, N. J. Calculating device. 2,563,110, Aug. 7.
Grundmann, Gustave L., Westmont, N. J., assignor to Radio Corporation of America. Synchronizing circuit. 2,566,832, Sept. 4.
Grundstrom, Erik G., assignor to Advance Aluminum Castings Corp., Chicago, Ill. Adjustable relief valve for pressure cookers. 2,570,228, Oct. 9.
Grunkemeyer, Frank P., Morris, Ind. Shooting fly swatter. 2,578,352, Dec. 11.
Grunsky, Charles, assignee: *See*—
Esty, Alfred H., and Dinsmore.
Grunwald, Edward, New York, and F. S. Ruben, Kew Gardens, N. Y. Pivoted closure cap for the outlet opening in a container neck, frictionally biased in closed position. 2,544,382, Mar. 6.
Grupe, William F.: *See*—
Gessler, Albert E., Grupe, Rolle, and Tuttle.
Nordquist, Ronald E. J., and Grupe.
Grupe, William F., Lyndhurst, and A. P. Bamford, Irvington, N. J., assignors to Arkell & Smiths, Canajoharie, N. Y. Machine for and method of manufacturing valve bags. 2,559,873, July 10.
Grupp, Alfred F., Glen Ellyn, H. C. Rathke, and E. S. Talan, Chicago, Ill., and E. Watts, Mission, Kans., assignors to The Meyercord Co., Chicago, Ill. Pressure sensitive decalcomania and making the same. 2,567,067, Sept. 4.
Grupp, Otto E., Jr., Kenmore, N. Y., assignor to The Rudolph Wurlitzer Company, Chicago, Ill. Electrical selector for phonographs and the like. 2,546,392, Mar. 27.
Grupp, Wilhelm, Oberkochen, Germany, assignor to Conrad Wolfgang Schnyder, New York, N. Y. Saw. 2,559,355, July 3.
Gruss, Francis J., guardian: *See*—
Gruss, Francis K.
Gruss, Francis K., incompetent, by F. J. Gruss, guardian, San Francisco, Calif. Turbine compressor. 2,537,344, Jan. 9.
Gruss, Jack W., Los Angeles, Calif. Egg breaker. 2,548,667, Apr. 10.
Grüssner, André: *See*—
Schnider, Otto, and Grüssner.
Gruver, John H., East Cleveland, Ohio, assignor to Addressograph-Multigraph Corporation, Wilmington, Del. Expendable offset blanket for rotary offset printing machines. 2,563,646, Aug. 7.
Gruver, John H., East Cleveland, Ohio, assignor to Addressograph-Multigraph Corporation, Wilmington, Del. Printing mechanism for cash registers. 2,576,598, Nov. 27.
Guajardo, Ciro B., Kenton, Ohio. Thermoelectric motor. 2,555,882, June 5.
Guanella, Gustav, Zurich, Switzerland, assignor to Radio Patents Corporation, New York, N. Y. Superregenerative receiver. 2,537,132, Jan. 9.
Guanella, Gustav, Zurich, assignor to "Patelhold" Patentverwertungs- & Elektro-Holding A.-G., Glarus, Switzerland. Radio control of flying objects. 2,554,188, May 22.
Guanella, Gustav, Zurich, assignor to Patelhold Patentverwertungs- & Elektro-Holding A.-G., Glarus, Switzerland. Radio receiver for use on aircraft in the field of a rotating beam. 2,578,241, Dec. 11.
Guarantee Specialty Manufacturing Company, assignee: *See*—
Dunn, John W.
Haynam, Harvey H.
Wright, Richard H., and Haight.
Guaranteed Buff Co., Inc., assignee: *See*—
Bahr, Henry H.
Bahr, Henry H., and Becker.
Guarcello, Louis, Silver Creek, N. Y. Sheet metal awning. 2,551,736, May 8.
Guardian Electric Manufacturing Co., assignee: *See*—
Obszarny, Thedore, and Schmidt.
Priesmeyer, Charles H.
Guardiola-Aragonès, Jaime J. F., Geneva, Switzerland, assignor to Anglo-International Industries Ltd., Tangier, Morocco. Preparing a hydrophilic cellulose gel. 2,574,210, Nov. 6.
Guardite Corporation, assignee: *See*—
Heineman, Arnold H.
Warner, Benjamin R.
Guarino, Gasper, assignor of fifty per cent to M. Lasher, Brooklyn, N. Y. Bird cage perch. 2,570,663, Oct. 9.
Guastavino, Juan M., Buenos Aires, Argentina. Making a detergent composition. 2,567,999, Sept. 18.
Guba, Peter, assignee: *See*—
Farrelly, Francis J., and Catanzaro.
Gubisch, Erwin A., assignor to Teletype Corporation, Chicago, Ill. Spreader device for selector devices. 2,574,102, Nov. 6.
Gubitose, Nicholas F.: *See*—
Thomas, Alfred W., Jr., and Gubitose.
Gubson, Philip, Chicago, Ill. Heating apparatus. 2,569,757, Oct. 2.
Guedon, Emile C., Audubon, N. J. Automatic record changer spindle. 2,545,847, Mar. 20.
Guellich, Gustav E.: *See*—
Lowbar, David D., and Guellich.
Guénard, Pierre: *See*—
Warnecke, Robert, and Guénard.
Guenard, Pierre, Paris, France, assignor to Compagnie Generale de Telegraphie Sans Fil. Device for stabilizing the frequency of an ultra short wave transmitter. 2,547,159, Apr. 3.
Guensche, Oscar, Detroit, Mich. Micrometer caliper attachment. 2,552,316, May 8.
Guenst, William, Wyncote, Pa. Etching machine. 2,568,803, Sept. 25.
Guenther, Frederick O.: *See*—
Sprung, Murray M., and Guenther.
Guenther, George G.: *See*—
Guenther, Henry J. and G. G.
Guenther, Henry J. and G. G., New York, N. Y. Slide fastener brief case. 2,560,437, July 10.
Guenther, John H., Philadelphia, Pa. Pulse time modulation. 2,564,687, Aug. 21.
Guentz, Frederick A., Spokane, Wash. Fire screen or guard. 2,556,534, June 12.
Guerasimoff, Constantine N., assignor to The Buda Company, Harvey, Ill. Fuel injection engine. 2,577,518, Dec. 4.
Guercken, Nina K., executrix: *See*—
Kadenacy, Michel.
Mansfield, Wilfred P., and White.
Guerin, Jacques, assignee: *See*—
Onde, Marcel A.
Guernsey, Glen A.: *See*—
Harmon, Kenneth A., and Guernsey.
Guerra, Cesár E., Habana, Cuba. Cake and pastry sector cutter. 2,555,690, June 5.
Guerra, José P., Habana, Cuba. Gumming machine. 2,570,544, Oct. 9.
Guery, Albert M., assignor to Societe dite: Societe Nationale d'Etude et de Construction de Moteurs d'Aviation, Paris, France. Motor installation for aircraft. 2,564,530, Aug. 14.
Guess, Joseph R., El Monte, Calif. Wire crimping machine. 2,538,644, Jan. 16.
Guest, Albert T., Los Angeles, Calif. Fabric cutter. 2,571,234, Oct. 16.
Guest, Herbert H., West Hartford, assignor to The J. B. Williams Company, Glastonbury, Conn. p-N-mono- and disubstituted amino-hydroxyalkylbenzoates and producing same. 2,561,468, July 24.
Guest, Howard R.: *See*—
Young, Donald M. and F. G., Jr., and Guest.
Guest, Howard R., and R. W. McNamee, South Charleston, W. Va., assignors, by mesne assignments, to Union Carbide and Carbon Corporation. $Fe_2O_3CR_2O_3CuO$ hydrogenation catalyst. 2,544,756, Mar. 13.
Guest, Howard R., and R. W. McNamee, South Charleston, W. Va., assignors, by mesne assignments, to Union Carbide and Carbon Corporation. Catalytic hydrogenation of acetophenone to phenyl methyl carbinol. 2,575,404, Nov. 20.
Guest, James, Bolton, England. Arch support. 2,553,451, May 15.
Guest Keen & Nettlefolds Limited, assignee: *See*—
Moneypenny, Harold K., Townend, and Beardsmore.
Guest, Maurice C., U. S. Air Force. Adapter for mounting cameras upon tripods. 2,536,170, Jan. 2.
Guest, Seals E., Marietta, Ga. Linchpin. 2,549,459, Apr. 17.
Guest, Walter L.: *See*—
Benner, Archie C., and Guest.
Guggenheim Brothers, assignee: *See*—
Bevan, John G.
Guggenheim, Daniel and Florence, Foundation, The, assignee: *See*—
Goddard, Robert H.
Guglielmoni, Igino G., Massapequa, N. Y. Combination kitchen sink and dishwashing cabinet. 2,573,965, Nov. 6.
Guiberson Corporation, assignee: *See*—
Collins, Clifton R.
Guibert, Francis W., Los Angeles, Calif. Gearing utilizing detachable gear teeth. 2,572,334, Oct. 23.
Guilbert, Nicholas R., Jr., Chestnut Hill, Pa. Biparting elevator door interlock. 2,566,411, Sept. 4.
Guice, Edgar P., and E. E. Hickey, Ocean Springs, Miss. Preparing a shrimp product. 2,555,232, May 29.
Guichard, Raymond A. E., Paris, France. Multiple filing jacket or holder for paper. 2,574,386, Nov. 6.
Guidoscope Corporation, The, assignee: *See*—
Stephens, Marion F.
Guidosh, John A.: *See*—
Putman, Henry V., Leonard, Grafinger, and Guidosh.
Guignard, Ulyss O., Minneapolis, Minn. Stacker for tractors. 2,538,514, Jan. 16.
Guild, Lloyd V., Pittsburgh, Pa., assignor, by mesne assignments, of one-third to B. L. Zangwill, Hyattsville, Md. Glass-cutting apparatus. 2,556,757, June 12.
Guild, Lurelle, Darien, Conn., and R. K. Boadwee, Bronxville, assignors to Julius Kayser & Co., New York, N. Y. Hosiery size gauge. 2,558,846, July 3.
Guild, William L., assignor to Thomas Truck and Caster Co., Keokuk, Iowa. Barrel truck. 2,574,825, Nov. 13.
Guiler, Cameron, and A. Kalenian, Westboro, Mass. Fluid seal. 2,538,683, Jan. 16.
Guiliano, Mario A.: *See*—
Globash, Stephen, and Guiliano.

Guill, Nat A. L., Broadview, and B. V. Malmberg, Chicago, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y. Safety control for machines. 2,545,549, Mar. 20.

Guillaud, Charles, Bellevue, assignor to Societe d'Electro-Chimie, d'Electro-Metallurgie et des Acieries Electriques d'Ugine, Paris, France. Permanent magnet and manufacture thereof. 2,576,679, Nov. 27.

Guillemette, Arthur J., Washington, R. I. Vehicle tire spreader. 2,560,101, July 10.

Guillemin, Victor, Jr., Dayton, Ohio. Strain gauge manometer. 2,566,326, Sept. 4.

Guillemonat, André: *See*—
Dupont, Georges, and Guillemonat.

Guillermin, Dewey S., Conway, Pa. Ignition control. 2,570,797, Oct. 9.

Guillon, Henri: *See*—
Le Coënt, Albert, Guillon, and Roubinet.

Guillot, Edgar F., Bloomfield, N. J., assignor to Johnson & Johnson. Adhesive sheet and making same. 2,561,362, July 24.

Guillot, Etienne J. F., Rives, France. Burner for liquid fuel operating under low air and fuel pressures. 2,578,422, Dec. 11.

Guillot, Lucien E., Nogent-sur-Marne, France. Trailer. 2,561,921, July 24.

Guimond, Charles W., Grosse Pointe Woods, assignor to Drum Products Corporation, St. Clair Shores, Mich. Stippling device. 2,538,241, Jan. 16.

Guimond, Charles W., Grosse Pointe Woods, Mich. Spinning disk game apparatus. 2,565,557, Aug. 28.

Guinane, James P., Westport, Conn., and G. R. Barbieri, New York, N. Y., assignors to American Loose Leaf Corporation. Loose-leaf binder. 2,554,569, May 29.

Guinchard, Eric, Yverdon, Switzerland, assignor to Paillard S. A. Lens mount for cameras. 2,541,469, Feb. 13.

Guinchard, Eric, Yverdon, assignor to Paillard, S. A., Sainte-Croix, Vaud, Switzerland. Camera lens mount. 2,547,576, Apr. 3.

Guinez, Antonio, assignor of forty per cent to J. Blasig, New York, N. Y. Drawing instrument. 2,561,469, July 24.

Guinn, Charles R.: *See*—
Streety, Walter B., and Guinn.

Guinn, J. Edwin, Ithaca, assignor to Etna Appliance and Equipment Co., Inc., Dryden, N. Y. Colostomy protector. 2,555,086, May 29.

Guinn, J. Edwin, Ithaca, N. Y. Sander. 2,560,102, July 10.

Guion, Charles W., Arlington, Va. Automatic stop gauge for winding machines. 2,572,854, Oct. 30.

Guion, Vernon B., assignee: *See*—
Andrews, Irving.

Guinot, Henri M., Versailles, assignor to Les Usines de Melle (Société Anonyme), Saint-Leger-les-Melle, France. Manufacture of nonsaturated aldehydes. 2,560,103, July 10.

Guisasola, Bonifacio, Eibar, Spain. Magazine-operated safety for automatic firearms. 2,563,720, Aug. 7.

Guisasola, Bonifacio, Eibar, Spain. Safety unit for automatic weapons. 2,563,721, Aug. 7.

Guitton, Louis, Ugine, assignor to Societe d'Electro-Chimie, d'Electrometallurgie et des Acieries Electriques d'Ugine, Paris, France. Increasing the resistance to corrosion of stainless steel. 2,576,680, Nov. 27.

Gulbrandsen, Helge, Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Pad box. 2,558,133, June 26.

Gulbrandsen, Helge, Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Pad box. 2,567,065, Sept. 18.

Gulbrandsen, Helge, and M. H. Ballard, Beverly, L. S. Linderoth, Jr., Wenham, and L. G. Knowles, Hamilton, Mass., assignors to United Shoe Machinery Corporation, Flemington, N. J. Machine for applying pressure to shoe bottoms. 2,558,847, July 3.

Guldhav, Henning: *See*—
Brodal, Erling, and Guldhav.

Gulette, Willis S., Highland, Ind., assignor to Sinclair Refining Company, New York, N. Y. Hydrocarbon conversion apparatus. 2,550,922, May 1.

Gulf Oil Corporation, assignee: *See*—
Catanach, Arthur E., and Gulley.
Cornell, Paul W.
Franklin, Leslie U.
Hill, Mark L., Cantrell, and Smith.
Pellettere, Joseph A.
Smith, Herschel G., and Cantrell.
Smith, Herschel G., Cantrell, and Hill.
Smith, Herschel G., Cantrell, and Peters.
Smith, Herschel G., Hill, and Cantrell.
Terry, Robert I., Jr.

Gulf Publishing Company, assignee: *See*—
Wauson, Horace C., and Bennett.

Gulf Research & Development Company, assignee: *See*—
Burk, Herbert S.
Capell, Robert G.
Gilbert, William I., and Horne.
Gilbert, William I., and Montgomery.
Gressley, Charles M.
Harrison, James M.
Hirsch, Joel H., and Boegel.

Gulf Research & Development Company, assignee: *See*— Continued.
Jacobson, Eugene W., Creazzi, and Pigott.
Montgomery, Charles W.
Montgomery, Charles W., Gilbert, and Hazen.
Montgomery, Charles W., Gilbert, and Kline.
Montgomery, Charles W., Sumner, and Berg.
Morgan, Frank, Reed, and Muskat.
Muffly, Gary.
Offutt, William C., and Fogle.
Pardee, William A.
Pigott, Reginald J. S.
Riethof, George, Montgomery, and Brown.
Simanton, William A.
Stevens, Donald R., and Bowman.
Stevens, Donald R., and Camp.
Stevens, Donald R., and Dubbs.
Stevens, Donald R., and Spindt.
Topanelian, Edward, Jr.
Trautman, Charles E.
Walsh, Bruce R.
Vacquier, Victor V., and Muffly.
Warner, Benjamin R., and Pardee.
Whitaker, Arthur C., and Weinrich.
Wyckoff, Ralph D.
Wyllie, Malcolm R. J.

Gulick, Russell G., Grenola, Kans. Terracing machine. 2,555,335, June 5.

Gulisano, Joseph R., Jackson Heights, N. Y. Panty-slip. 2,541,698, Feb. 13.

Gull, Roy A., Buffalo, assignor, by mesne assignments, to Sylvania Electric Products Inc., New York, N. Y. Presettable signal seeking tuning system. 2,572,926, Oct. 30.

Gulley, Ralph P.: *See*—
Catanach, Arthur E., and Gulley.

Gullick, Oliver F., Rugby, England, assignor to General Electric Company. Regulation of high-frequency oscillators. 2,570,798, Oct. 9.

Gulliet, John P., North Providence, R. I., assignor to Corning Glass Works, Corning, N. Y. Tube gauging and sorting machine. 2,569,564, Oct. 2.

Gullixson, Harold R., Arlington, Va., assignor, by mesne assignments, to Ditto, Incorporated, Chicago, Ill. Cleaning ink applying mechanisms and material used therein. 2,569,052, Sept. 25.

Gulow, John A., Rutherford, N. J. Variable tap transformer system. 2,551,943, May 8.

Gummed Products Company, assignee: *See*—
Bruce, Donald S.
Bruce, Donald S., and Heise.

Gump, William S., Upper Montclair, and E. J. Nikawitz, Passaic, N. J., assignors to The Givaudan Corporation, New York, N. Y. Quaternary ammonium compound. 2,537,993, Jan. 16.

Gump, William S., Upper Montclair, and E. J. Nikawitz, Passaic, N. J., assignors to The Givaudan Corporation, New York, N. Y. Quaternary ammonium compound. 2,537,994, Jan. 16.

Gump, William S., Upper Montclair, and E. J. Nikawitz, Passaic, N. J., assignors to The Givaudan Corporation, New York, N. Y. N-(2-chloroethyl)-N-piperonyl amines. 2,578,696, Dec. 18.

Gund, Russell A., Schenectady, N. Y., assignor to General Electric Company. Temperature control system. 2,545,353, Mar. 13.

Gündel, Wolfgang, Dusseldorf-Oberkassel, E. Meyer and W. Offermann, Dusseldorf-Derndorf, and H. Fuchs, Dusseldorf, assignors to Henkel & Cie, G. m. b. H., Dusseldorf-Holthausen, Germany. Preserving vegetables. 2,570,664, Oct. 9.

Gundersen, Daniel T., Chicago, and L. A. Weinecke, Wilmette, assignors to Askania Regulator Company, Chicago, Ill. Edge position detector. 2,539,131, Jan. 23.

Gunderson, Mrs. Andrea, assignee: *See*—
Kielland, Kaspar K.

Gunderson, Lewis O., Park Ridge, assignor to Dearborn Chemical Company, Chicago, Ill. Method and apparatus for conditioning water. 2,570,115, Oct. 2.

Gunderson, Norman R., Pasadena, Calif. Apparatus and method for use in color reproduction. 2,560,567, July 17.

Gunderson, Norman R., Pasadena, Calif. Correcting sensitivity drift of amplifiers. 2,570,665, Oct. 9.

Gunderson, Russell O., Spokane, Wash., assignor to Kaiser Aluminum & Chemical Corporation. Prefabricated flue construction. 2,573,195, Oct. 30.

Gunderson, Willard R., assignor to The Frito Company, Dallas, Tex. Combination display rack and tray. 2,542,512, Feb. 20.

Gunderson-Taylor Machinery Company, assignee: *See*—
Brown, John W.

Gundlach, Theodore J., Belleville, Ill. Paired-roll crushers with peripheral sizing-pockets on each roll. 2,578,540, Dec. 11.

Gunite Foundries Corporation, assignee: *See*—
Forbes, Duncan P.

Gunn, Claude M., Kansas City, Mo. Sound recording and reproducing apparatus. 2,568,000, Sept. 18.

Gunn, Donald A., Kenmore, assignor to Remington Rand Inc., New York, N. Y. Filing device. 2,574,870, Nov. 13.

Gunn, Earl G., Racine, Wis., assignor to Fram Corporation. Filter element. 2,553,820, May 22.
Gunn Furniture Company, assignee: *See*—
Brown, Wallace C.
Gunn, Radford B., Jr., Meridian, Miss. Load gripper for vehicles such as lift trucks. 2,560,438, July 10.
Gunn, Ross, Washington, D. C. Method and apparatus for discharging static electricity. 2,578,697, Dec. 18.
Gunn, Zellen W., San Rafael, Calif. Wax paper sealer. 2,574,826, Nov. 13.
Gunnar, Benedict B., Stamford, Conn. Tea bag. 2,562,456, July 31.
Gunnarson, John W., Los Angeles, Calif. Dispensing casing for collapsible tube, with roller-type squeezer for said tube. 2,578,472, Dec. 11.
Gunnels, Opal W.: *See*—
Wilson, Effie G., and Gunnels.
Gunning, William A.: *See*—
Bernheim, Daniel P., and Gunning.
Gunning, William F.: *See*—
Bryan, Floyd E., and Gunning.
Gunser, John, Chicago, Ill. Automatic fish-hooking device. 2,568,999, Sept. 25.
Gunson, R. W. (Seeds) Limited, assignee: *See*—
Okolicsanyi, Ferenc.
Gunson Seeds South Africa (Pty) Limited, assignee: *See*—
Okolicsanyi, Ferenc.
Gunst, Raymond, assignor to Ciba Limited, Basel, Switzerland. Cupriferous azo-dyestuffs of the stilbene series. 2,574,782, Nov. 13.
Gunter, Robert E., assignor of one-half to J. W. Comer, Kansas City, Mo. Tire pressure indicator. 2,562,862, July 31.
Guntert and Zimmerman, assignee: *See*—
Zimmerman, Leonard R.
Günthart, Jacques: *See*—
Peter, Albin, and Günthart.
Von Allmen, Samuel, Gutzwiller, and Günthart.
Gunther, Herman: *See*—
Vollman, Joseph, and Gunther.
Gunther, James K.: *See*—
Lofdahl, Lyle J., and Gunther.
Gunther, Robert C., Easton, Pa., assignor to General Aniline & Film Corporation, New York, N. Y. Production of azine dye images by means of a developer containing two N-substituted-diamino-metanilic acids. 2,537,460, Jan. 9.
Gunther, Robert C., Easton, Pa., assignor to General Aniline & Film Corporation, New York, N. Y. Color developers for the production of azine dye images. 2,570,116, Oct. 2.
Gunther, Robert C., Galesburg, Ill., assignor to General Aniline & Film Corporation, New York, N. Y. Production of azine dyestuff images. 2,555,127, May 29.
Günther, Torsten R., assignor to Fritz Lundbergs Skinnberederi & Fargeri Aktiebolag, Tranas, Sweden. Heating device. 2,577,243, Dec. 4.
Guptill, Ernest W.: *See*—
Watson, William H., and Guptill.
Gurck, Arnoldus J., The Hague, Netherlands, assignor, by mesne assignments, to Lock Joint Pipe Company, East Orange, N. J. Sleeve joint for concrete tubes. 2,576,012, Nov. 20.
Gurewitsch, Anatole M.: *See*—
Lavoo, Norman T., and Gurewitsch.
Gurewitsch, Anatole M., Schenectady, N. Y., assignor to General Electric Company. Apparatus for imparting high energy to charged particles. 2,553,312, May 15.
Gurewitsch, Anatole M., Schenectady, N. Y., assignor to General Electric Company. Phonograph tone arm. 2,568,447, Sept. 18.
Gurewitsch, Anatole M., Schenectady, N. Y., assignor to General Electric Company. Resonator structure. 2,579,315, Dec. 18.
Gurkin, Alfred, assignee: *See*—
Vassakos, Leonidas A.
Gurley, W. & L. E., assignee: *See*—
Larsen, Harold R., and Gurney.
Gurney, Daniel: *See*—
Larsen, Harold R., and Gurney.
Gurney, Hazel T., administratrix: *See*—
Gurney, Lawrence E.
Gurney, Laird L., Lincoln, Nebr. Plate glass assembly. 2,565,227, Aug. 21.
Gurney, Lawrence E., deceased, Los Angeles, Calif.; H. T. Gurney, administratrix. Great circle navigation instrument. 2,561,794, July 24.
Gurries, Albert G., Gilroy, Calif., and T. B. Keesling, Orlando, Fla., assignors to Be-Ge Manufacturing Co., Gilroy, Calif. Cable winch. 2,537,267, Jan. 9.
Gurton, Henry T.: *See*—
Owen, Henry E. L., and Gurton.
Gusdorf, Frederik H., and C. Veenis, Eindhoven, Netherlands, assignors, by mesne assignments, to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. High-frequency coil system. 2,544,152, Mar. 6.
Gusdorf, Frederik H., and E. A. van Ijzeren, Eindhoven, Netherlands, assignors to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. High-frequency transformer having coaxial leads. 2,550,244, Apr. 24.
Gushard, William H., Flushing, and J. J. Staiti, assignors to Allied Chemical & Dye Corporation, New York, N. Y. Container. 2,538,684, Jan. 16.
Gusmorino, Paul, Woodside, N. Y. Case and inner attached tray. 2,552,170, May 8.
Guss, William A.: *See*—
Hart, Norman E., and Guss.
Gussa, Arvin A., San Diego, Calif. Illuminated whirling toy. 2,567,600, Sept. 11.
Gussa, Arvin A., San Diego, Calif. Spring motor. 2,577,962, Dec. 11.
Gussack, Milton P., Flushing, assignor to Grant Pulley & Hardware Co., Woodside, N. Y. Spring locking means for a stop pin in a sliding bracket. 2,542,247, Feb. 20.
Gussow, William A., Hampton, Ga., assignor to Southern States Equipment Corporation. Electric switch. 2,555,588, June 5.
Gustafson, Axel E., Modesto, Calif. Tree limb shaker. 2,542,665, Feb. 20.
Gustafson, Carl A., assignor to Caterpillar Tractor Co., Peoria, Ill. Transmission shifting device. 2,547,317, Apr. 3.
Gustafson, Carl A., Peoria, Ill., assignor to Caterpillar Tractor Co., San Leandro, Calif. Latch mechanism for carry type scraper ejectors. 2,573,765, Nov. 6.
Gustafson, Carl H.: *See*—
Gustafson, Johan F. and C. H.
Gustafson, Gilbert E.: *See*—
Wagenknecht, Otto E., and Gustafson.
Gustafson, Gustaf, Yakima, Wash. Pruning implement. 2,569,888, Oct. 2.
Gustafson, Hilding B., Hinsdale, assignor to Infilco Incorporated, Chicago, Ill. Removal of color from alkaline solutions. 2,561,695, July 24.
Gustafson, Jarl A., C. J. Caligiuri, and J. J. Kumza, Pittsburgh, assignors, by mesne assignments, to G. E. Hilliard, Brackenridge, Pa. Combined table and chair for infants. 2,544,080, Mar. 6.
Gustafson, Johan F. and C. H., Chicago, Ill. Cigarette dispenser. 2,562,666, July 31.
Gustafson, Leonard F., Minneapolis, Minn. Convertible oar. 2,536,441, Jan. 2.
Gustafson, Wilbur E., San Diego, Calif. Wide range high-frequency power meter. 2,550,689, May 1.
Gustafsson, Eric, and J. W. Baur, assignors to Binks Manufacturing Company, Chicago, Ill. Sound deadening gun. 2,564,896, Aug. 21.
Gustafsson, Eric, J. W. Baur, and T. Kern, assignors to Binks Manufacturing Company, Chicago, Ill. Dry powder sprayer. 2,577,519, Dec. 4.
Gustafsson, Gotthard V. A., Hoglandstorget, assignor to Bolidens Gruvaktiebolag, Skelleftehamn, Sweden. Apparatus for measuring forces, especially the force of gravity. 2,559,919, July 10.
Gustavson, Alvin N., Bemus Point, assignor to Automatic Voting Machine Corporation, Jamestown, N. Y. Voting machine. 2,561,272, July 17.
Gustavsson, Karl-Axel G., Enkoping, Sweden. Method and apparatus for dividing pulverous material into desired fractions by means of a rotating sifting machine. 2,546,068, Mar. 20.
Gustavsson, Lars E. H., Karlskoga, Sweden. Toolholding device for machine tools. 2,549,967, Apr. 24.
Gustin, Daniel S., and A. W. Wainio, Bloomfield, N. J., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Electrostatic coating method and apparatus. 2,538,562, Jan. 16.
Gustin, William E., Waterloo, assignor to Deere Manufacturing Co., Dubuque, Iowa. Lubricant and dust seal. 2,549,460, Apr. 17.
Gustlin, Walter, Laguna Beach, Calif. Foot massager. 2,546,095, Mar. 20.
Gustus, Edwin L., assignee: *See*—
Cheronis, Nicholas D.
Gut, Emil, Luzern, Switzerland. Wireworking machine. 2,560,794, July 17.
Gutensohn, Charles V., San Francisco, Calif., assignor of one-half to C. D. De Velbiss. Screw and bolt lock. 2,562,032, July 24.
Guth, Edwin F., Company, The, assignee: *See*—
Guth, Edwin F., Jr.
Guth, Edwin F., Florissant, Mo. Lighting fixture for elongated tubular lamps having means to shield the lamps. 2,556,690, June 12.
Guth, Edwin F., Jr., Ladue, assignor to The Edwin F. Guth Company, St. Louis, Mo. Ceiling lamp fixture and continuous mounting arrangement therefor. 2,559,424, July 3.
Guth, Edwin F., Florissant, Mo. Built-in lighting fixture with adjustable spotlight. 2,572,825, Oct. 23.
Guthman, Horace M.: *See*—
Smith, Archibald D., Jr., and Guthman.
Guthmann, Eugene Y., Philadelphia, Pa. Rotating disk game. 2,546,441, Mar. 27.
Guthmann, George L., Chicago, Ill. Folding chair. 2,574,387, Nov. 6.
Guthmann, Hans, Pasadena, Md. Apparatus for forming flutes in hollow lampposts. 2,568,730, Sept. 25.
Guthrie, Alvin W., Chicago, Ill. Spin casting reel. 2,538,153, Jan. 16.
Guthrie, Clifford R., Spokane, Wash. Drying kiln. 2,553,452, May 15.

Gutman, Harold A.: *See*—
Hamann, Floyd R., Miller, Barrie, Gutman, and Kern.
Gutsch, John, Chicago, Ill. Truss. 2,568,282, Sept. 18.
Gutshall, Robert P., assignor to Colorado Tent and Awning Company, Denver, Colo. Fishing creel cooled by evaporation of water. 2,555,128, May 29.
Gutterman, Robert P., Arlington, Va. Sealing means for the cable inlet of a terminal connector. 2,548,896, Apr. 17.
Gutterman, Robert P., assignor to Engineering Research Associates, Inc., St. Paul, Minn. Vibrating tool. 2,553,251, May 15.
Guttman, Anatol, New York, N. Y. Coat hanger. 2,571,358, Oct. 16.
Gutton, Henri, Paris, France, assignor, to Compagnie Generale de Telegraphie Sans Fil. Device intended for the transmitting of energy by means of a hollow electromagnetic guide. 2,544,923, Mar. 13.
Gutton, Henri, and A. J. Ortusi, Paris, France, assignors to Compagnie Generale de Telegraphie Sans Fil. Guide for radio-electric waves associated with elements for regulating the propagation of said waves. 2,543,627, Feb. 27.
Gutton, Henri, and A. J. Ortusi, Paris, France, assignors to Compagnie Generale de Telegraphie Sans Fil. High-frequency electrical filter for use in wave guides. 2,546,742, Mar. 26.
Gutton, Henri, and J. Ortusi, Paris France, assignors to Compagnie Generale de Telegraphie Sans Fil. Band stop filter for electromagnetic waves. 2,553,313, May 15.
Gutton, Henri, and A. J. Ortusi, Paris, France, assignors to Compagnie Generale de Telegraphie Sans Fil. Modulating the high-frequency energy transmitted in hollow dielectric guides. 2,560,859, July 17.
Gutton, Henri, and M. Ponte, Paris, France, assignors to Compagnie Generale de Telegraphie Sans Fil. Radar system. 2,569,758, Oct. 2.
Gutton, Henri, and A. J. Ortusi, Paris, France, assignors to Compagnie Generale de Telegraphie Sans Fil. Retardation guide on decimetric waves. 2,573,012, Oct. 30.
Gutwirth, Albert, assignee: *See*—
Kopito, Louis.
Gutzeit, Gregoire: *See*—
Landon, Richard W., Talmey, and Gutzeit.
Gutzwiller, Ernst: *See*—
Von Allmen, Samuel, Gutzwiller, and Günthart.
Guy, Albert G., Schenectady, N. Y., assignor to General Electric Company. Nickel base high-temperature alloy. 2,575,915, Nov. 20.
Guy, Archibald, Leeds, and C. T. Wedgwood, Stoke-on-Trent, assignors to Sulzer Bros. (London) Limited, London, and Josiah Wedgwood & Sons Limited, Stoke-on-Trent, England. Jigger for shaping pottery articles. 2,536,364, Jan. 2.
Guy, Charles M., Pittsburgh, Pa., assignor to United States Steel Company. Connecting sleeve for burners and hot-blast stoves. 2,546,442, Mar. 27.
Guy, Frederick M., assignor to Guy & Murton, Inc., Detroit, Mich. Universal joint. 2,565,606, Aug. 28.
Guy, Hubert G., assignor to Koppers Company, Inc., Pittsburgh, Pa. Bactericidal compositions. 2,572,855, Oct. 30.
Guy & Murton, Inc., assignee: *See*—
Guy, Frederick M.
Guyer, Jesse A.: *See*—
Goodson, Luke, and Guyer.
Guyer, Reynolds, assignor to Waldorf Paper Products Company, St. Paul, Minn. Container. 2,536,442, Jan. 2.
Guyer, Reynolds, assignor to Waldorf Paper Products Company, St. Paul, Minn. Poultry tray. 2,536,639, Jan. 2
Guyer, Reynolds, assignor to Waldorf Paper Products Company, St. Paul, Minn. Reinforced carton. 2,556,915, June 12.
Guyer, Reynolds, assignor to Waldorf Paper Products Company, St. Paul, Minn. One-piece reinforced carton. 2,565,682, Aug. 28.
Guyer, Reynolds, assignor to Waldorf Paper Products Company, St. Paul, Minn. Bottle carrier. 2,565,683, Aug. 28.
Guyer, Reynolds, assignor to Waldorf Paper Products Company, St. Paul, Minn. Bottle carrier. 2,565,810, Aug. 28.
Guyer, Walter R. F.: *See*—
Lynch, Charles S., Wasserbach, and Guyer.
Guyot, Marius: *See*—
O'Neill, Clayton A., Harris, and Guyot.
Guyton, Arthur C., Oxford, Miss. Electrically propelled wheel chair. 2,544,831, Mar. 13.
Guyton, Frank, Sperry, Okla. Automatic oil tank switch. 2,560,104, July 10.
Guyton, James H.: *See*—
Schwarz, Bertram A., and Guyton.
Guzel, John W., Cuddy, Pa. Removable handle. 2,541,511, Feb. 13.
Guzey, George, Valdosta, Ga. Artificial leg. 2,543,908, Mar. 6.
Guzman, Miguel A.: *See*—
Finke, Christian J., and Guzman.
Gwaltney, Eugene C., Biddeford Pool, and G. C. Anderson, Saco, Maine, assignors to Saco-Lowell Shops, Boston, Mass. Drawing mechanism for spinning and roving frames. 2,565,228, Aug. 21.
Gwinn, Myron B., Denver, Colo. Adhesive applicator. 2,558,084, June 26.
Gyrodyne Company of America, Inc., assignee: *See*—
Morris, Charles L.
Gyuris, John, New York, N. Y. Punch machine for punching electrical heater elements. 2,543,527, Feb. 27.
Gyuris, John, New York, N. Y. Electrical heating element and making the same. 2,553,762, May 22.
HBN Company, Inc., assignee: *See*—
Bugg, Kenly C.
H. G. & S. Manufacturing Corp, assignee: *See*—
Girardi, Chester.
H. & K. Valve Silencer Company, assignee: *See*—
Houser, Samuel G., and Kibler.
H. & L. Tooth Company, assignee: *See*—
Launder, Ernie L.
H. and L. Tooth Company, assignee: *See*—
Launder, Ernie L.
H-P-M Development Corporation, assignee: *See*—
Baëza, Walter J.
Bennett, William H.
Berkley, Warren D.
Crosby, Melvin A.
Hubbert, Leslie S.
Lindner, Philip J.
MacMillin, Norman F., and Purcell.
Pocock, Paul C., and Purcell.
Purcell, Howard M.
Scruggs, Joseph A.
Tucker, Warren R.
Tucker, Warren R., and MacMillin.
Waldie, George A.
Haack, Nikel H.: *See*—
Bos, Julius G., Haack, Dippel, and Keuning.
Haagensen, Thor, New York, N. Y. Beam clamp. 2,570,666, Oct. 9.
Haapala, Levi, Dassel, assignor to Whiteley and Caine, Minneapolis, Minn. Stalk-gathering tunnel and pickup guard. 2,553,855, May 22.
Haapala, Levi, Dassel, assignor to Whiteley and Caine, Minneapolis, Minn. Machine for shredding and disintegrating vegetable stalks. 2,569,307, Sept. 25.
Haapala, Levi, Dassel, assignor to Whiteley and Caine, Minneapolis, Minn. Machine for shredding and disintegrating vegetable stalks. 2,569,308, Sept. 25.
Haas, Frank C., Rocky River, Ohio, J. D. Hetchler, Rutherford, N. J., and S. A. Paradee, Chicago, Ill., assignors to Archer-Daniels-Midland Company. Stripping composition for metal coating. 2,565,918, Aug. 28.
Haas, Gerhard J.: *See*—
Zentner, Margaret R., and Haas.
Haas, Henry J.: *See*—
Sigler, George T., and Haas.
Haas, Milford, Brooklyn, N. Y. Apparatus for manufacturing plastic toy balloons. 2,553,252, May 15.
Haas, Otto R., Wenham, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Shoe sewing machine. 2,551,599, May 8.
Haas, Otto R., Wenham, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Sewing machine. 2,557,102, June 19.
Haas, Otto W. F., Farmington, Minn. Smoking pipe. 2,551,121, May 1.
Haas, Paul, Emporium, Pa., assignor to Sylvania Electric Products, Inc. Electron discharge device. 2,575,448, Nov. 20.
Haas, Paul, New Hyde Park, N. Y., assignor to Sylvania Electric Products Inc. Electron discharge device. 2,553,580, May 22.
Haase, Carl O., Baltimore, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Furnace discharging apparatus. 2,567,707, Sept. 11.
Haase, Gordon W., and L. D. Merkl, Appleton, Wis., said Merkl assignor to said Haase. Vending machine. 2,578,545, Dec. 11.
Haase, Heinrich E.: *See*—
Walter, Charles T., Newton, and Haase.
Haase, Jorgen I., assignor to Wingfoot Corporation, Akron, Ohio. Stitcher wheel for tire building apparatus. 2,541,648, Feb. 13.
Haase, Jorgen I., assignor to Wingfoot Corporation, Akron, Ohio. Fluid motor system for operating tire building drums and the like. 2,558,684, June 26.
Haase, Lawrence H., assignor to Kent Plastics Corporation, Evansville, Ind. Box type hinge. 2,557,048, June 12.
Haase, Louis, Norgate at Roslyn, N. Y. Bobby pin opener and holder. 2,544,595, Mar. 6.
Haase, Wilbert W., assignor to W. W. Haase Co., Forest Park, Ill. Concrete burial vault and making same. 2,565,229, Aug. 21.
Haase, Wilbert W., Co., assignee: *See*—
Haase, Wilbert W.
Haatvedt, Ervin C., Brooklyn, N. Y., assignor to Visugage, Inc. Safety closure for liquid containers. 2,543,107, Feb. 27.
Haayman, Pieter W.: *See*—
Snoek, Jacob L., Haayman, and Romeyn.

Haayman, Pieter W., F. C. Romeyn, and E. J. W. Verwey, Eindhoven, Netherlands, assignors to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Accumulator with electrodes of graphite material. 2,540,446, Feb. 6.
Habenicht, August F., Tinley Park, Ill. Hydraulic power unit. 2,560,285, July 10.
Habenicht, August F., Tinley Park, Ill. Fluid pump. 2,579,568. Dec. 25.
Haber, Bernard D., Montgomery County, Ohio. Electrical method of adhesive bond testing. 2,544,673, Mar. 13.
Haber, Bernard D., Dayton, and E. K. Coats, Xenia, Ohio. Deflection indicator. 2,546,155, Mar. 27.
Haber, Charles P., Schenectady, N. Y., assignor to General Electric Company. Rendering materials water repellent. 2,553,314, May 15.
Haberfeld, Paul: *See*—
Monroe, Mayer G., and Haberfeld.
Habeshaw, John: *See*—
Birch, Stanley F., Habeshaw, and Collis.
Habgood, Warren J., Millbourne, Pa. Machine for closing and sealing bags. 2,542,135, Feb. 20.
Habicht, Louis A., Toledo, Ohio. Gap gauge. 2,555,485, June 5.
Habig, Helen S.: *See*—
Habig, Robert C. and H. S.
Habig, Robert C. and H. S., Miami Beach, Fla. Diaper. 2,558,215, June 26.
Haboush, Edward J., Brooklyn, N. Y. Apparatus for positioning bone nails for fixing fractured bones. 2,579,186, Dec. 18.
Hachenburg, Friedrich: *See*—
Henschker, Erhard, and Hachenburg.
Hachmeister, George J., Des Plaines, assignor to Davis Regulator Company, Chicago, Ill. Spraying device in combination with a differential control valve. 2,558,681, June 26.
Hachmuth, Karl H., Bartlesville, Okla., assignor to Phillips Petroleum Company. Circular slide rule. 2,544,224, Mar. 6.
Hachmuth, Karl H., Bartlesville, Okla., assignor to Phillips Petroleum Company. Selective low-pressure desorption of liquids. 2,549,968, Apr. 24.
Hachmuth, Karl H., Bartlesville, Okla., assignor to Phillips Petroleum Company. Recovering hydrogen fluoride. 2,551,881, May 8.
Hack, David F., Danbury, Conn. Carrier attachment for automobiles. 2,541,244, Feb. 13.
Hack, Nathan, Santa Monica, Calif. Perambulator for invalids. 2,539,577, Jan. 30.
Hackedorn, Hillis F., Jr., Lakewood, assignor to The Cordless Blind Company, Cleveland, Ohio. Lift bar mechanism for window blinds. 2,539,830, Jan. 30.
Hacken, Herbert, and L. J. Levin, Rockville Centre, N. Y. Umbrella latch device. 2,567,284, Sept. 11.
Hacker, Henry T., Penn Yan, N. Y. Gauge for setting cutterhead knives. 2,539,831, Jan. 30.
Hacker, John H., Webster Groves, assignor to Missouri Automatic Control Corporation, St. Louis, Mo. Thermostatic limit switch. 2,552,962, May 15.
Hackethal, Paul F., Wentworth, N. H., and R. Karey, Cockeysville, assignors to Everel Propeller Corporation, Baltimore, Md. Preloaded pivot mount for variable pitch propeller blades. 2,566,884, Sept. 4.
Hackett, John C., Grand Rapids, and S. H. Johnson, East Grand Rapids, Mich., assignors to Doehler-Jarvis Corporation, New York, N. Y. Treatment of articles to remove some of the outside material therefrom or to polish the same. 2,554,701, May 29.
Hackett, Theodore N.: *See*—
Schwartz, Daniel M., and Hackett.
Hackett, William C., Dover, Del. Adjustable mount for telescopic sights. 2,542,513, Feb. 20.
Hackett, Willis G.: *See*—
Scanlon, Dalton, and Hackett.
Hackford, John E., C. Shaw, and W. E. Smith, London, England. Liquids comprising silicyl esters. 2,550,923, May 1.
Hacklander, Hans, Linden, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Feeding mechanism for sewing machines. 2,538,309, Jan. 16.
Hacklander, Hans, Linden, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Feeding device for sewing machines. 2,540,983, Feb. 6.
Hackman, Betty: *See*—
Simon, Alfred, and Hackman.
Hackman, William C., Silver Spring, Md. Fluid pump. 2,571,711, Oct. 16.
Hackmann, Johannes T.: *See*—
Goppel, Johan M., Rumscheidt, and Hackmann.
Overhoff, Johan, and Hackmann.
Rumscheidt, Gottfried E., and Hackmann.
Hackmann, Johannes T., Amsterdam, Netherlands, assignor to Shell Development Company, San Francisco, Calif. Crystalline complexes of sterols with oximes. 2,540,047, Jan. 30.
Hackmann, Johannes T., Amsterdam, Netherlands, assignor to Shell Development Company, San Francisco, Calif. Separation of sterols from mixtures. 2,559,153, July 3.
Hackmann, Johannes T., Amsterdam, Netherlands, assignor to Shell Development Company, San Francisco, Calif. Reacting rubbers with sulfur dioxide. 2,578,063, Dec. 11.
Hackney, James G., Fort Worth, Tex. Lawn edging cutter. 2,555,441, June 5.
Hackney, Stanley, assignor to Electro-Hydraulics Limited, Warrington, England. Pressure operated mechanism. 2,577,462, Dec. 4.
Hackney, Stanley: *See*—
Perdue, Jack, and Hackney.
Haco-Gesellschaft A. G., assignee: *See*—
Grob, Cyril.
Hadco Engineering Company, assignee: *See*—
Davey, George M., and Hauflaire.
Haddad, Albert A., Leaside, Ontario, Canada. Sock and stocking stretcher and drier. 2,546,595, Mar. 27.
Haddad, Jerrier A., Fishkill, and R. L. Palmer, Poughkeepsie, assignors to International Business Machines Corporation, New York, N. Y. Electronic commutator. 2,551,119, May 1.
Haddad, Labeeb B., New Haven, Conn., assignor to The Safety Car Heating and Lighting Company, Inc. Reverse current relay system. 2,536,740, Jan. 2.
Haddeland, George E.: *See*—
Cave, William T., and Haddeland.
Hadden, Edward L., Westfield, N. J. Atomizer. 2,561,570, July 24.
Hadden, Harold L.: *See*—
Ruysdael, Basil, Hadden, Zagor, and Alterman.
Hadden, Stuart T., Woodbury, N. J., assignor to Socony-Vacuum Oil Company, Incorporated. Condensing vapors. 2,555,287, May 29.
Haddock, Norman H.: *See*—
Coffey, Samuel, Haddock, Lodge, Wardleworth, and Wood.
France, Harold, and Haddock.
Haddock, Norman H., and C. Wood, Blackley, England, assignors to Imperial Chemical Industries, Limited. Water-soluble phthalocyanines containing quaternary or ternary salt groups and synthesis thereof. 2,542,327, Feb. 20.
Haddock, Norman H., and C. Wood, Blackley, England, assignors to Imperial Chemical Industries Limited. Water-soluble phthalocyanines containing quaternary or ternary salt groups and synthesis thereof. 2,542,328, Feb. 20.
Haddrell, Walter G., Saltville, Va. Film editing equipment. 2,573,013, Oct. 30.
Haddrell, Walter G., Saltville, Va. Film editing kit. 2,573,014, Oct. 30.
Hadfield, Bertram M., Harrow Weald, England, assignor to Automatic Electric Laboratories, Inc., Chicago, Ill. Electric signaling system. 2,548,668, Apr. 10.
Hadfield, Bertram M., Harrow Weald, England, assignor to Automatic Electric Laboratories Inc., Chicago, Ill. two-way loop and earth current signaling system. 2,552,780, May 15.
Hadfield, Bertram M., Harrow Weald, England, assignor to Automatic Electric Laboratories, Inc., Chicago, Ill. Electronic counting arrangement. 2,552,781, May 15.
Hadfield, Bertram M., Harrow Weald, England, assignor to Automatic Electric Laboratories, Inc., Chicago, Ill. Frequency selective circuit. 2,569,000, Sept. 25.
Hadfield, Bertram M., Harrow Weald, England, assignor to Automatic Electric Laboratories Inc., Chicago, Ill. Triggering in electronic switching devices. 2,577,578, Dec. 4.
Hadfield, Harry J., Philadelphia, Pa. Automatic pintle oiler. 2,570,942, Oct. 9.
Hadley, Allan M.: *See*—
Benner, Howard J., and Hadley.
Hadley, Charles G., and J. A. Snodgrass, La Mesa, Calif. Rotary cutter head with resilient blade clamping means. 2,561,470, July 24.
Hadley Company, Incorporated, The, assignee: *See*—
Ingleby, George A.
Hadley, Donald W.: *See*—
Fischer, John J., and Hadley.
Hadley, Everett M., Riverside, Calif. Surge type vacuum pump. 2,559,502, July 3.
Hadley, Harold F., Defiance, Ohio, assignor, by mesne assignments, to The Johnson Service Company, Milwaukee, Wis. Fluid pump. 2,536,995, Jan. 2.
Hadley, Lawrence N., Jr., Ann Arbor, Mich., assignor to the United States of America as represented by the Secretary of the Navy. Variable frequency tank circuit. 2,544,832, Mar. 13.
Hadley, Norman C., assignee: *See*—
Kilminster, Shirley A.
Hadley, Raymond F., Drexel Hill, assignor to Sun Oil Company, Philadelphia, Pa. Primary cell construction. 2,562,906, Aug. 7.
Hadley, Vernon J., assignee: *See*—
Kilminster, Shirley A.
Haeberlein, Max: *See*—
Lancaster, John E., Haeberlein, and Schmachtenberg.
Haeckl, Frank W.: *See*—
Lien, Arthur P., Evering, and Haeckl.
Haecks, Erwin, San Francisco, Calif. Mechanism for moving pans in dough cutters. 2,573,100, Oct. 30.
Haeff, Andrew V., Washington, D. C., C. B. Smith, Silver Springs, Md., and R. H. Mellen, U. S. Navy. Tuning means for ultra high frequency signal generators. 2,537,052, Jan. 9.

Haeff, Andrew V., Washington, D. C., assignor to Radio Corporation of America. Electron discharge device. 2,552,040, May 8.
Haeff, Andrew V., Washington, D. C. Radio-frequency filter. 2,558,748, July 3.
Haeff, Andrew V., Washington, D. C., and F. H. Harris, Accokeek, Md. Pulse transmission system. 2,561,363, July 24.
Haeff, Andrew V., Washington, D. C., and F. H. Harris, Accokeek, Md. Modulator. 2,562,907, Aug. 7.
Haefliger, Franz, and W. Schindler, assignors to J. R. Geigy, A. G., Basel, Switzerland. Tertiary aminoalkyliminodibenzyls. 2,554,736, May 29.
Haefliger, Franz, and W. Schindler, assignors to J. R. Geigy, A. G., Basel, Switzerland. Basically substituted tetrahydroquinoline derivatives. 2,554,737, May 29.
Haefner, Sylvester J., New London, and R. H. Smith, Oakdale, Conn. Device for generating multiple signals of different frequencies. 2,572,024, Oct. 23.
Haegele, Frederick G. A., Westcliff, England, assignor to The Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Thermal electric switch. 2,536,280, Jan. 2.
Haehnel, Herbert E.: *See*—
Ruehling, Frederick W., and Haehnel.
Haelen, John C.: *See*—
Elle, Bruce L., and Haelen.
Haensel, Vladimir, Hinsdale, assignor to Universal Oil Products Company, Chicago, Ill. Treatment of inhibitors. 2,551,737, May 8.
Haensel, Vladimir, Hinsdale, assignor to Universal Oil Products Company, Chicago, Ill. Alumina-platinum oxysulfide-halogen catalyst and its preparation. 2,566,521, Sept. 4.
Haesler, John, Teaneck, N. J., assignor to The Duplan Corporation, Hazelton, Pa. Parachute canopy. 2,556,916, June 12.
Hafer, Giles P., Downers Grove, and L. Stastney, Cicero, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y. Profiling apparatus. 2,548,669, Apr. 10.
Haferkamp, Ethel K., assignee: *See*—
Fletcher, Frank H., Jr.
Haferkamp, Mary E., assignee: *See*—
Fletcher, Frank H., Jr.
Haff, Robert C., Latrobe, Pa. Recovering alumina from alumina-bearing ores. 2,551,944, May 8.
Haffner, Henry: *See*—
Gordon, Cecil O., Tash, Franklin, and Haffner.
Hafner, Ludwig G. P.: *See*—
Quirk, Justin P., and Hafner.
Hafke, Arthur, Detroit, assignor to Pent Electric Company, Grand Rapids, Mich. Electric switch structure. 2,572,335, Oct. 23
Häfliger, Franz, Basel, and R. Denss, Zurich, assignors to J. R. Geigy A. G., Basel, Switzerland. Basic esters of 1-aryl-cyclopentene-(3)-1-carboxylic acids. 2,573,015, Oct. 30.
Hagan Corporation, assignee: *See*—
Allen, Bruce J.
Cunningham, Edwin A., Jr.
Hopwood, John M.
Vetter, Otto B.
Williams, Ray S.
Hagan, John A., U. S. Navy, Quincy, Mass. Quick release clamp. 2,543,017, Feb. 27.
Hagan, Owen C., assignor to California Cedar Products Company, Stockton, Calif. Moisture detecting apparatus. 2,574,261, Nov. 6.
Hagan, Robert E., Youngstown, Ohio. Collapsible picnic table and bench assembly. 2,568,622, Sept. 18.
Hagar, Smith, Pittsburgh, Pa. Multiple socket wrench. 2,571,570, Oct. 16
Hagedorn, Carl, Everett, Wash. Brake lining thickness indicator. 2,545,276, Mar. 13.
Hagedorn, Hans C., assignor to Nordisk Insulinlaboratorium, Gentofte, Denmark. Joining plastic substances. 2,553,259, May 15.
Hagel, Herbert N., Forest Hills, assignor to Everlast Pen Corporation, New York, N. Y. Writing instrument. 2,574,561, Nov. 13.
Hagelston, Paul J., Danvers, and R. S. Ives, Topsfield, assignors to Sylvania Electric Products Inc., Salem, Mass. Electrode coating. 2,545,695, Mar. 20.
Hagely, Herbert V., East St. Louis, Ill. Trailer support. 2,555,336, June 5.
Hagely, Herbert V., East St. Louis, Ill. Trailer tractor chassis adjusting device. 2,578,972, Dec. 18.
Hageman, Louis F.: *See*—
Mabon, Carl R., and Hageman.
Hageman, Louis F., Lewiston, N. Y., and C. J. Manuel, Durham, N. H., assignors to Moore Business Forms, Inc., Niagara Falls, N. Y. Forwarding mechanism for autographic registers. 2,570,799, Oct. 9.
Hagemann, Hans H., Evansville, Ind., and F. F. Heise, assignors to L. J. Mueller Furnace Company, Milwaukee, Wis. Gas burner igniter. 2,539,075, Jan. 23.
Hagemeyer, Hugh J., Jr., Kingsport, Tenn., assignor to Eastman Kodak Company, Rochester, N. Y. Production of oxygenated compounds. 2,576,113, Nov. 27.
Hagemeyer, Hugh J., Jr., and A. Bell, Kingsport, Tenn., assignors to Eastman Kodak Company, Rochester, N. Y. Polyphosphonic esters. 2,566,194, Aug. 28.
Hagemeyer, Hugh J., Jr., E. L. Oglesby, and J. R. Caldwell, Kingsport, Tenn., assignors to Eastman Kodak Company, Rochester, N. Y. Compositions comprising acrylonitrile and hydrolyzed polyvinyl acetate. 2,569,470, Oct. 2.
Hagemo, Ingvald J.: *See*—
Vaaler, Larry I., and Hagemo.
Hagen, Asbjorn, Kississing, Manitoba, Canada. Trap. 2,536,545, Jan. 2.
Hagen, Clarence R., Memphis, Tenn., assignor to International Harvester Company. Cotton picker spindle. 2,546,185, Mar. 27.
Hagen, Clarence R., Memphis, Tenn., and D. B. Baker, Riverside, Ill., assignors to International Harvester Company. Cotton-picking apparatus receptacle and directing cotton thereinto. 2,558,951, July 3.
Hagen, Glenn E., Redondo Beach, assignor to Northrop Aircraft, Inc., Hawthorne, Calif. Glow tube counter. 2,558,178, June 26.
Hagen, Glenn E., Lawndale, assignor to Northrop Aircraft, Inc., Hawthorne, Calif. Voltage regulated multiple amplifier for pulses. 2,560,691, July 17.
Hagen, Glenn E., Lawndale, assignor to Northrop Aircraft, Inc., Hawthorne, Calif. Glow tube switch. 2,575,516, Nov. 20.
Hagen, Glenn E., Lawndale, assignor to Northrop Aircraft, Inc., Hawthorne, Calif. Glow tube counting circuit. 2,575,517, Nov. 20.
Hagen, John P.: *See*—
Ryan, Alden H., and Hagen.
Hagen, John P., Arlington, Va., and F. C. Isely, Washington, D. C. High-frequency wave meter. 2,544,674, Mar. 13.
Hagen, Leif R., assignor to Norsk Stalull A/S, Oslo, Norway. Steel wool product. 2,558,682, June 26.
Hagen, Mildred, administratrix: *See*—
Schwartz, Carl K.
Hagen, Ralph: *See*—
Thompson, George A., and Hagen.
Hagen, Roger, assignee: *See*—
Schwartz, Carl K.
Hagenbook, Loy D., assignor to Goodman Manufacturing Company, Chicago, Ill. Mine locomotive motor torque arm. 2,550,690, May 1.
Hagenbook, Loy D., assignor to Goodman Manufacturing Company, Chicago, Ill. Slack or cuttings removing device for kerf-cutting machines. 2,567,204, Sept. 11.
Hagenbuch, Werner: *See*—
Rheiner, Alfred, and Hagenbuch.
Häger, Bror O., Stockholm, Sweden. Manufacture of wood preservatives. 2,565,175, Aug. 21.
Hager, Edward T.: *See*—
Wooddell, Charles E., Van Nimwegen, and Hager.
Hager, Glenn F.: *See*—
Howk, Benjamin W., and Hager.
Hager, Guy Y.: *See*—
Leonard, Merrill G., and Hager.
Hager, Hans G., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Apparatus for arranging looped articles. 2,563,465, Aug. 7.
Hager, Howard M., and R. J. Kendrick, Mansfield, Pa. Belt tightener and clutch. 2,554,738, May 29.
Hager, John F., Boise, Idaho. Can opener. 2,553,041, May 15.
Hager, John G., Huron, Kans. Stock feeding apparatus. 2,563,331, Aug. 7.
Hager, Karl F.: *See*—
Michel, Josef M., and Hager.
Hagerbaumer, William A.: *See*—
Evans, Louis P., Lee, and Hagerbaumer.
Hagerbaumer, William A., Westfield, N. J., assignor to Socony-Vacuum Oil Company, Incorporated. Catalyst control slide valve. 2,555,129, May 29.
Hagerman, Gilbert H.: *See*—
Chang, Sheldon S. L., and Hagerman.
Hagermann, Charles C., assignee: *See*—
Stirlen, Morley W.
Hagerty, Andrew T., and Y. W. Ehret, Elkhart, Ind., assignors to The Adlake Company. Ash receiver. 2,568,151, Sept. 18.
Hagerty, Andrew T., and T. F. Brenneman, Elkhart, Ind., assignors to The Adlake Company, Chicago, Ill. Cable operated curtain fixture. 2,579,187, Dec. 18.
Hagerty, Henry W., Miami, Fla. Juicer. 2,552,171, May 8.
Haggard, Homer H., assignor to Hercules Powder Company, Wilmington, Del. Corrosion inhibitor composition. 2,564,758, Aug. 21.
Haggard, Homer H., assignor to Hercules Powder Company, Wilmington, Del. Corrosion inhibitor composition. 2,564,759, Aug. 21.
Haggart, Crichton W.: *See*—
Pollard, Harold, and Haggart.
Haggart, John C., Jr., assignor to J. C. Haggart, III, Los Angeles, Calif. Reflector unit. 2,555,191, May 29.
Haggart, John C., III, assignee: *See*—
Haggart, John C., Jr.
Hagger, Oskar: *See*—
Castan, Pierre, and Hagger.
Hägglund, Erik H. M., South Port, Conn., and N. G. Rehnqvist, assignors to Aktiebolaget Kanthal, Hallstahammar, Sweden. Heat-resistant ferritic alloy. 2,580,171, Dec. 25.

Häggmark, Bror A., Solna, assignor to Aktiebolaget Elektrolux, Stockholm, Sweden. Household appliance. 2,568,066, Sept. 18.
Hagihara, Masaetsu, Sao Paulo, Brazil. Fan. 2,562,033, July 24.
Haglund, Gerhard O., Buffalo, N. Y. Aerodynamic body for carrying detection apparatus. 2,551,596, May 8.
Hagner, Frederick H., San Antonio, Tex. Direction inclination indicator. 2,557,654, June 19.
Hagopian, Richard H., Baltimore, Md., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Radio apparatus. 2,545,997, Mar. 20.
Hagopian, Haig A., Fresno, Calif. Barbecue grill. 2,577,963, Dec. 11.
Hagstrum, Homer D., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Magnetron. 2,537,824, Jan. 9.
Hague, Alfred E.: *See*—
Gooderham, John W., Hague, and Powell.
Hague, Alfred E., West Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Recorder checking device. 2,547,525, Apr. 3.
Hague, Fred, Devon, assignor to Sun Oil Company, Philadelphia, Pa. Vehicle tank construction for filling and dispensing. 2,539,663, Jan. 30.
Hague, Fred, Devon, assignor to Sun Oil Company, Philadelphia, Pa. Tank construction for measuring and dispensing. 2,548,431, Apr. 10.
Hague, Robert Z., Oradell, and H. A. Alexanderson, Wood-Ridge, assignors to Bendix Aviation Corporation, Teterboro, N. J. Control device for the power units of aircraft. 2,538,777, Jan. 23.
Hahn, Carl G., Coshocton, Ohio. Gauge for checking bearing journals. 2,541,758, Feb. 13.
Hahn, Douglas, Ridgewood, N. J., assignor to B. Altman & Co., New York, N. Y. Hosiery package. 2,561,112, July 17.
Hahn, George, Sharon Hill, Pa. Machine for manufacture of television tubes. 2,564,897, Aug. 21,
Hahn, Hans, assignor of one-half to H. Meinhardt, New York, N. Y. Combination muff and shopping bag. 2,557,280, June 19.
Hahn, Lola E.: *See*—
Meengs, Ann A., and Hahn.
Hahn, Paul R. T.: *See*—
Powell, Charles S., and Hahn.
Reiss, Raymond H., and Hahn.
Hahn, Rea I., and B. E. Frank, Rochester, N. Y., assignors to General Motors Corporation, Detroit, Mich. Apparatus for cutting tubing. 2,553,189, May 15.
Hahn, Rea I., Rochester, N. Y., assignor to General Motors Corporation, Detroit, Mich. Electrode unit. 2,563,238, Aug. 7.
Hahn, Rea I., and B. E. Frank, Rochester, N. Y., assignors to General Motors Corporation, Detroit, Mich. Tube flaring machine. 2,569,523, Oct. 2.
Hahn, Stuart H., Phoenix, Ariz., assignor to Curtiss-Wright Corporation. Icing indicator system. 2,541,512, Feb. 13.
Hahnemann, Horst W., Farnborough, assignor to Power Jets (Research and Development) Limited, London, England. Heat exchanger. 2,537,220, Jan. 9.
Habus, Alvin, Oriole, assignor of thirty-three and one-third per cent to J. M. Etienne, Mt. Pleasant, Ind. Setwork gauge for sawmills. 2,555,642, June 5.
Haidegger, Hans, Soleure, assignor to Ebauches S. A., Grenchen, Switzerland. Infinitely variable speed gear. 2,545,152, Mar. 13.
Haidegger, Hans, Solothurn, assignor to Ebauches S. A., Grenchen, Solothurn, Switzerland. Instrument for inside measurements. 2,553,086, May 15.
Haigh, George W., assignor to The Miro-Flex Company, Wichita, Kans. Flare. 2,548,722, Apr. 10.
Haigh, Richard A., Brighton, assignor to Automatic Controls Corporation, Ann Arbor, Mich. Defrosting timer. 2,536,741, Jan. 2.
Haight, Douglas G.: *See*—
Wright, Richard H., and Haight.
Hailston, Ellis W., Ilion, N. Y., C. F. Casey, Stratford, and G. R. Melick, Southport, assignors to Remington Arms Company, Inc., Bridgeport, Conn. Wood checkering apparatus. 2,573,565, Oct. 30.
Haims, Philip L., Cleveland, Ohio. Rocker toy. 2,563,407, Aug. 7.
Hain, Folke B. L., Angelholm, Sweden. Insulation and load supervisory system. 2,546,443, Mar. 27.
Haines, David T., Sr., Dallas, Tex. Portable or stationary multiple air jack. 2,546,596, Mar. 27.
Haines, Frank H., Baltimore, Md., assignor to Standard Engineering Company of Washington, D. C., Inc. Air sterilizer. 2,564,898, Aug. 21.
Haines, Frank K.: *See*—
Phillips, John, and Haines.
Haines, George H., Caledonia, Ohio, assignor to Turner of Indiana, Indianapolis, Ind. Power-driven posthole digger. 2,557,049, June 12.
Haines, Harold G., assignor to General Motors Corporation, Detroit, Mich. Automatic engine starting equipment. 2,550,414, Apr. 24.
Haines, John F.: *See*—
Baker, Leslie C., and Haines.
Haines, Marcus W., Long Beach, assignor to Vernon Tool Co., Ltd., Alhambra, Calif. Well pumping system. 2,567,513, Sept. 11.
Hainke, Paul, Mower Corporation, Inc., The, assignee: *See*—
Hainke, Paul W.
Hainke, Paul W., assignor to The Paul Hainke Mower Corporation, Inc., Hutchinson, Kans. Platform for lawn mowers. 2,559,920, July 10.
Hainke, Paul W., assignor to The Paul Hainke Mower Corporation, Inc., Hutchinson, Kans. Wheel adjustment for lawn mowers. 2,564,201, Aug. 14.
Hainline, Wallace E., U. S. Navy. Adjustable rivet cutter. 2,543,018, Feb. 27.
Hair, Kenneth F., Lapel, Ind. Adjustable seat mount. 2,571,443, Oct. 16.
Haisen, Leslie W.: *See*—
Harrington, Ferris T., Martin, Elliott, and Haisen.
Haislip, Albert S., Fredericksburg, Va. Double hooked lid lifting tool. 2,574,918, Nov. 13.
Hajdyla, Walter R.: *See*—
Stulpin, Edward I., and Hajdyla.
Hajek, Otto, assignor to A. Friedmann, Kommanditgesellschaft, Vienna, Austria. Auxiliary steam engine. 2,553,821, May 22.
Hakala, Niilo V.: *See*—
McNab, John G., Hakala, and McDermott.
Hake, Elmer C., assignor to Snap-On Drawer Company, Morrow, Ohio. Interlocking drawer housing. 2,569,236, Sept. 25.
Hake, George H., Depew, N. Y. Hinge for containers. 2,570,341, Oct. 9.
Hakkarinen, William: *See*—
Lowell, Percival D., and Hakkarinen.
Halahan, John, Jackson Heights, F. A. Lyon, Hillside Heights, N. Y., L. H. Mortimer, Caldwell, N. J., and T. F. Aronson, St. Albans, assignors to Holbrook Microfilming Service, Inc., New York, N. Y. Photographic copying apparatus. 2,565,074, Aug. 21.
Halberg, Robert W., assignor to Chrysler Corporation, Highland Park, Mich. Transmission clutch assembly. 2,562,612, July 31.
Halberg, Robert W., Chicago, Ill., assignor to Chrysler Corporation, Highland Park, Mich. Over-center lever actuated clutch. 2,562,613, July 31.
Halbert, William E., Fort Worth, Tex. Valve for oil well tubing. 2,570,667, Oct. 9.
Halbig, Paul, Fribourg, Switzerland. Isolation of polyvinyl chloride. 2,550,996, May 1.
Halbig, Paul, Fribourg, Switzerland. Producing vinyl chloride. 2,552,425, May 8.
Halbig, Paul, Fribourg, Switzerland. Mixture for the production of pastes of synthetic material. 2,553,916, May 22.
Halbig, Paul, Fribourg, Switzerland. Emulsion polymerization of vinyl halides. 2,570,056, Oct. 2.
Hald, Jens: *See*—
Jacobsen, Erik, and Hald.
Haldeman, George W., Oak Ridge, Tenn. Falling film heat exchanger. 2,545,028, Mar. 13.
Halden, Ida, Rochester, N. Y. Basting thread. 2,539,244, Jan. 23.
Hale, Adolph A.: *See*—
Miller, John W., and Hale.
Hale, Arthur N., Stamford, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Sewing-machine driving mechanism. 2,546,393, Mar. 27.
Hale, Arthur N., Stratford, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Feeding mechanism for sewing machines. 2,561,310, July 17.
Hale, Cedric: *See*—
Droege, Orville E., Hale, and Schauert.
Hale, Chauncey C., Cranford, N. J., assignor to Standard Oil Development Company. Recovery of organic acids from dilute aqueous solution. 2,537,133, Jan. 9.
Hale, Clifford E., Ann Arbor, assignor to Detroit Harvester Company, Detroit, Mich. Check arm structure. 2,549,194, Apr. 17.
Hale Fire Pump Co., assignee: *See*—
Sargent, Richard B.
Hale, Henry E.: *See*—
Doyle, Irving W., and Hale.
Hale, Loren, assignor to Stuk-O-Rite, Inc., Tulsa, Okla. Spray gun for applying granular materials. 2,571,874, Oct. 16.
Hale, Olga M., Wateria, Calif. Scraper and backfilling blade attachment for tractors. 2,566,562, Sept. 4.
Hale, Philip P., Alhambra, Calif. Ratchet-pawl retaining structure. 2,551,669, May 8.
Hale, William C., Jr.: *See*—
Barry, John K., Jr., and Hale.
Hale, William J., and P. Vogelsang, Midland, Mich. Improving seed germination and coated seeds produced thereby. 2,553,577, May 22.
Hales, Everett B., Cambridge, Mass., assignor, by mesne assignments, to the United States of America as represented by the Secretary of War. Timing method. 2,558,358, June 26.
Hales, Everett B., Mount Kisco, N. Y., assignor to General Precision Laboratory Incorporated. Visual signal translator. 2,540,943, Feb. 6.
Hales, Everett B., Mount Kisco, N. Y., assignor to General Precision Laboratory Incorporated. Radar trainer. 2,555,442, June 5.
Haley, Bernard S., and E. B. Conron, London, Ontario, Canada. Portable seating unit. 2,575,953, Nov. 20.

Haley Cate Co., Inc., assignee: *See*—
Dimond, William B.
Haley, Charles W., assignor to McGruer, Fortier, Meyers, Limited, Montreal, Quebec, Canada. Apparatus for stripping wing feathers from fowl and the like. 2,541,647, Feb. 13.
Haley, Hugh D., Drexel Hill, Pa., assignor to American Viscose Corporation, Wilmington, Del. Synthetic traveler and ring. 2,572,140, Oct. 23.
Haley, Hugh D., Drexel Hill, Pa., assignor to American Viscose Corporation, Wilmington, Del. Funnel guide bushing. 2,572,927, Oct. 30.
Halford, Frank B., Edgware, and G. Bristow, Stanmore, assignors to The De Havilland Aircraft Company Limited, Hatfield, England. Cooling means for tail pipes of jet propulsion motors. 2,579,114, Dec. 18.
Halford, James A., Seattle, Wash. Lawn sprinkler system. 2,569,432, Sept. 25.
Hall, Adin H.: *See*—
Lewis, Donald H., Hall, and Green.
Hall, Albert E., Hamilton, Wash. Loading boom construction. 2,572,336, Oct. 23.
Hall, Bertie R., Berkeley, Calif. Collapsibe cart. 2,577,579, Dec. 4
Hall, Carlyle, Seattle, Wash. Rotary hoist. 2,545,953, Mar. 20.
Hall, Cecil R. L.: *See*—
Kerr, Hugh M., and Hall.
Hall, Cecil R. L., Saltcoats, Scotland, assignor to Imperial Chemical Industries Limited. Commercial detonator. 2,558,134, June 26.
Hall, Charles B., Chicago, Ill. Key operated elapsed time and earnings computing and recording machine. 2,545,460, Mar. 20.
Hall, Charles F., Berkeley, Calif. Convection-compensating centrifuge. 2,546,186, Mar. 27.
Hall, Charles G., assignor of one-half to L. V. Dieter, Los Angeles, Calif. Catapulting mechanism for fish bait. 2,569,604, Oct. 2.
Hall, Charles L., Detroit, Mich., assignor to United-Carr Fastener Corporation, Cambridge, Mass. Panel secured installation. 2,537,930, Jan. 9.
Hall, Charles L., Detroit, Mich., assignor to United-Carr Fastener Corporation, Cambridge, Mass. Fastener device. 2,564,643, Aug. 14.
Hall, Charles L., and L. G. Pender, Detroit, Mich., assignors to United-Carr Fastener Corporation, Cambridge, Mass. Nut fastener. 2,552,782, May 15.
Hall, Chester I., Vischer's Ferry, N. Y., assignor to General Electric Company. Starting relay control for single-phase motors. 2,576,681, Nov. 27.
Hall, Clinton S., Farmington, Mich. Paring and shelling tool. 2,554,189, May 22.
Hall, Clyde W., Chicago, assignor, by mesne assignments, to Highway Steel Products Company, Chicago Heights, Ill. Vertical vending machine. 2,549,081, Apr. 17.
Hall, Clyde W., assignor to Highway Steel Products Company, Chicago Heights, Ill. Vending machine. 2,549,082, Apr. 17.
Hall, Corliss W., Dayton, Ohio. War game apparatus. 2,575,269, Nov. 13.
Hall, Cortice H., Jackson, assignor to The Timken-Detroit Axle Company, Detroit, Mich. Overload release mechanism. Re. 23,361, Apr. 24.
Hall, David A., Sheridan, Ill. Lift pin for coupling trailer and draft vehicles. 2,548,259, Apr. 10.
Hall, Dianne, Los Angeles, Calif. Canopy attachment for children's vehicles. 2,539,951, Jan. 30.
Hall, Dianne, Los Angeles, Calif. Telescopic crib. 2,555,032, May 29.
Hall, Dick S., Bartlesville, Okla., assignor to Phillips Petroleum Company. Pebble heater baffle. 2,565,811, Aug. 28.
Hall, Donald L.: *See*—
Lilja, Edgar D., aand Hall.
Hall, Donald L., assignor to Barber-Colman Company, Rockford, Ill. Programmed temperature control using a Wheatstone bridge. 2,547,750, Apr. 3.
Hall, Elisha W., Scituate, Mass. Rotary abrading tool. Re. 23,391, July 17.
Hall, Elisha W., Scituate, Mass. Abrading wheel. 2,556,966, June 12.
Hall, Elisha W., Scituate, Mass. Buffing wheel or wheel section. 2,560,764, July 17.
Hall, Elisha W., Scituate, and A. S. Rock, East Bridgewater, Mass., assignors to F. L. & J. C. Codman Company. Rotary abrading tool. 2,569,929, Oct. 2.
Hall, Ellis C., Jackson, Miss., assignor to C. J. Sedlmayr and C. J. Sedlmayr, Jr., Tampa, Fla. Elevating roundabout. 2,572,859, Oct. 30.
Hall, Elmer S., Riverdale, Md., J. N. Smith, Laguna Beach, and M. L. McBrayer, assignors to Moisture Register Company, Alhambra, Calif. Pressure sensitive moisture test instrument. 2,579,316, Dec. 18.
Hall, Ernest, Poplar Bluff, Mo. Winding barrel for watches. 2,552,963, May 15.
Hall, Fred B., assignor to Riley Stoker Corporation, Worcester, Mass. Automatic stoker with reciprocating agitator. 2,539,780, Jan. 30.
Hall, Fred S., San Francisco, Calif. Overflow drain for tar cookers. 2,544,153, Mar. 6.
Hall, Frederick L., Snow Shoe, Pa. Stocking. 2,546,444, Mar. 27.
Hall, Frederick W., assignee: *See*—
Baran, Bronislaus J.
Hall, Geoffrey M., Oldham, England. Spray-producing apparatus for liquids. 2,569,759, Oct. 2.
Hall, Glen R., Uhrichsville, Ohio. Traffic counter. 2,547,937, Apr. 10.
Hall, Guy H., assignee: *See*—
Ernst, Fred.
Hall, Harlow H., and H. M. Tsuchiya, Peoria, Ill., assignors to United States of America as represented by the Secretary of Agriculture. Producing vitamin B_{12}. 2,561,364, July 24.
Hall, Harold H.: *See*—
Geer, Paul L., and Hall.
Hall, Harry, Buffalo, N. Y., assignor to Worthington Pump and Machinery Corporation, Harrison, N. J. Piston for internal-combustion engines. 2,572,260, Oct. 23.
Hall, Harry, Erith, England. Apparatus for scraping and cleaning conveyer belts. 2,545,882, Mar. 20.
Hall, Harry, Erith, England. Apparatus for scraping and cleaning conveyer belts, rollers, and the like. 2,545,883, Mar. 20.
Hall, Harry H., U. S. Navy, Durham, N. H. Recording apparatus for high-speed photography. 2,551,597, May 8.
Hall, Harvey H., Denver, Colo. Garage door operating device. 2,545,775, Mar. 20.
Hall, Harvey H., Denver, Colo. Gate operating mechanism. 2,561,623, July 24.
Hall, Herbert J., Princeton, N. J., assignor to Research Corporation, New York, N. Y. Rectifier system control. 2,569,605, Oct. 2.
Hall, Herman J.: *See*—
Clark, Marion W., and Hall.
Hall, Horace E., assignor to Tennessee Products Corporation, Nashville, Tenn. Herbicides. 2,537,995, Jan. 16.
Hall, Howard C., Camas, Wash. Surfacing element. 2,565,607, Aug. 28.
Hall, James M., Phoenix, Ariz. Liquid level gauge. 2,544,262, Mar. 6.
Hall, James W.: *See*—
Coleman, James W., Hall, Merion, Moss, Jr., and Pedlow.
Hall, James W., Elwyn, J. P. Hollihan, Jr., Garden City, and F. F. Morehead, West Chester, Pa., assignors to American Viscose Corporation, Wilmington, Del. Producing products of animal fibers. 2,570,443, Oct. 9.
Hall, Jesse E., Weatherford, Tex., assignor of ninety per cent to Nevada Leasehold Corporation, Las Vegas, Nev., and ten per cent to Parker Industrial Products, Inc., Weatherford, Tex. Well cementing apparatus. 2,560,692, July 17.
Hall, Jesse E., Weatherford, Tex., assignor of ninety per cent to Nevada Leasehold Corporation, Las Vegas, Nev., and ten per cent to Parker Industrial Products, Inc., Weatherford, Tex. Wall cleaning plug. 2,567,475, Sept. 11.
Hall, Jesse E., Weatherford, Tex., assignor of ninety per cent to Nevada Leasehold Corporation, and ten per cent to Parker Industrial Products, Inc. Pipe-line swab with expansible element. 2,575,624, Nov. 20.
Hall, John C.: *See*—
Moushey, Charles L., and Hall.
Hall, John I., New Britain, Conn., assignor, by mesne assignments, to Ex-Cell-O Corporation, Detroit, Mich. Valve for liquid systems. 2,561,922, July 24.
Hall, John L., Jr., and T. D. Whidden, Sr., Jacksonville, Fla. Electric steam boiler. 2,559,954, July 10.
Hall, John M., New York, N. Y. Ear cleaning instrument. 2,569,237, Sept. 25.
Hall, John R.: *See*—
Port, Frederick J., Hall, and Turner.
Hall, John S., Cranford, assignor to General Instrument Corporation, Elizabeth, N. J. Velocity trip for automatic phonographs. 2,568,496, Sept. 18.
Hall, Joseph M., and H. E. Tucker, Chicago, Ill., assignors to Drying & Concentrating Company. Method and apparatus for spray drying. 2,572,857, Oct. 30.
Hall Laboratories, Inc., assignee: *See*—
Hatch, George B.
Liddell, Robert W.
Munter, Casimir J.
Partridge, Everett P.
Rice, Owen.
Rivers, Hubert M.
Roland, Charles T.
Hall, Leslie F.: *See*—
Sammons, Herbert, and Hall.
Hall, Lloyd A.: *See*—
Komarik, Stephan L., and Hall.
Sair, Louis, and Hall.
Hall, Lloyd A., Chicago, Ill., assignor to The Griffith Laboratories, Inc. Antioxidant. Re. 23,329, Jan. 16.
Hall, Lloyd A., and L. Sair, assignors to The Griffith Laboratories, Inc., Chicago, Ill. Production of protein hydrolysate. 2,536,171, Jan. 2.
Hall, Lloyd A., Chicago, and L. Sair, Evergreen Park, assignors to The Griffith Laboratories, Inc., Chicago, Ill. Spice extraction and product. 2,571,867, Oct. 16.
Hall-Mack Company, assignee: *See*—
Hallenscheid, Gustav A.
McDonald, George D.

Hall, Marchand B., assignor to Acme Visible Records, Inc., Chicago, Ill. Visible record index. 2,537,268, Jan. 9.
Hall, Marchand B., assignor to Acme Visible Records, Inc., Chicago, Ill. Visible record device and divider therefor. 2,550,117, Apr. 24.
Hall, Marchand B., assignor to Acme Visible Records, Inc., Chicago, Ill. Panel for visible record equipment. 2,567,705, Sept. 11.
Hall, Marchand B., assignor to Acme Visible Records, Inc., Chicago, Ill. Apparatus for loading record strips into record frames. 2,576,682, Nov. 27.
Hall, Maynard G., Rutherford, and M. H. Kowal, Clifton, assignors to Empire Box Corporation, Garfield, N. J. Bottle carrier. 2,539,304, Jan. 23.
Hall, Michael F., Bell, Calif. Composite oil pan for engines. 2,577,188, Dec. 4.
Hall, Nelson: *See*—
Troden, Augustus C., and Hall.
Hall, Oliver C., Fair Lawn, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Automatic telephone system auxiliary line finder arrangement. 2,568,804, Sept. 25.
Hall, Ralph J., assignor to Millsite Tackle Company, Howell, Mich. Wobble plate for fish lures. 2,569,165, Sept. 25.
Hall, Ralph W., assignor to The Randall Company, Cincinnati, Ohio. Leather trimming device. 2,576,878, Nov. 27.
Hall, Raymond E., Glen Ridge, N. J. Automotive distributor. 2,574,698, Nov. 13.
Hall, Raymond L., Kansas City, Mo. Pie and cake pan. 2,578,929, Dec. 18.
Hall, Reginald H., Sutton, and D. C. Quin, Epsom, England, assignors, by mesne assignments, to Hercules Powder Company. Manufacture of alkyl benzene peroxides. 2,547,938, Apr. 10.
Hall, Reginald H., Sutton, and H. M. Stanley, Tadworth, England, assignors to The Distillers Company Limited, Edinburgh, Scotland. 6-alkoxy-2-dialkoxymethyl tetrahydropyrans. 2,574,919, Nov. 13.
Hall, Rolland G., Yalesville, Conn., and S. M. Hill, Sherrill, N. Y., assignors to R. Wallace & Sons Manufacturing Company, Wallingford, Conn. Automatic work abrading apparatus. 2,576,787, Nov. 27.
Hall, Rollie D., Houston, Tex. Parker House roll machine. 2,573,708, Nov. 6.
Hall, St. John M., Wenham, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Machine for guiding flexible sheet materials beyond stationary elements. 2,551,598, May 8.
Hall, Stanley A., Ottawa, Ontario, Canada, assignor, by mesne assignments, to Cornell-Dubilier Electric Corporation, South Plainfield, N. J. Phonograph record changer. 2,537,752, Jan. 9.
Hall, Stanley A., Vancouver, British Columbia, Canada. Phonograph reproducing device. 2,572,139, Oct. 23.
Hall, Stanley R., Burbank, and E. Jelter, Glendale, assignors to Lockheed Aircraft Corporation, Burbank, Calif. Hydraulic internal locking jack. 2,540,578, Feb. 6.
Hall, Stephen N.: *See*—
Neher, Clarence M., and Hall.
Hall, Theodore P., San Diego, Calif. Convertible car-airplane. 2,562,490, July 31.
Hall, Theodore P., San Diego, Calif. Flying automobile. 2,562,491, July 31.
Hall, Theodore P., San Diego, and E. P. Rhodes, La Jolla, assignors, by mesne assignments, to T. P. Hall, San Diego, Calif. Locking detachable loads to aircraft. 2,562,492, July 31.
Hall, Victor C., Media, assignor to Sharp & Dohme, Incorporated, Philadelphia, Pa. Atomizer. 2,564,400, Aug. 14.
Hall, W. F., Printing Company, assignee: *See*—
Ackley, Raymond E., and Fiedler.
Hall, Walter L., assignor to Whizzer Motor Company, Pontiac, Mich. Coaster brake. 2,547,864, Apr. 3.
Hall, Warner W.: *See*—
Costenbader, Frank D., and Hall.
Hall, Wayne C., Cheverly, Md., assignor to Fredric Flader, Inc., North Tonawanda, N. Y. Precipitation static reducing aircraft antenna. 2,567,205, Sept. 11.
Hall, William D., Elkins, W. Va. Safety control system for gaseous fuel burners. 2,542,666, Feb. 20.
Hall, William D., Elkins, W. Va. Electric fuel igniter. 2,549,806, Apr. 24.
Hall, William E., Lawrence, Kans., assignor to E. J. and E. R. Knutson, Crete, Ill. Slide lock table. 2,542,770, Feb. 20.
Hall, William H., College Station, Tex. Slip counter. 2,548,307, Apr. 10.
Hall, William M., Lexington, assignor to Raytheon Manufacturing Company, Newton, Mass. Electrical circuits. 2,546,500, Mar. 27.
Hall, William P.: *See*—
Kintner, Charles J., and Hall.
Hallam, Cecil A., and E. W. Reynolds, Westfield, N. J., assignors to Western Electric Company, Incorporated, New York, N. Y. Apparatus for extruding materials on cores under vacuum. 2,550,555, Apr. 24.
Hallander, Elvin E., La Crosse, Wis., assignor, by mesne assignments, to Miehle Printing Press & Manufacturing Company, Chicago, Ill. Spring applied-electromagnetic released brake. Re. 23,362, May 1.
Hallander, Elvin E., West Caldwell, assignor, by mesne assignments, to International Projector Corporation, Bloomfield, N. J. Filter apparatus. 2,547,205, Apr. 3.
Hallberg, Alfred C., Portland, Oreg. Automatic electric cord tensioner. 2,572,856, Oct. 30.
Hallberg, Berthel C.: *See*—
Boel, Henry C., and Hallberg.
Hallberg, Henry T., Chicago, Ill. Gravity and inertia fed pencil. 2,561,113, July 17.
Hallen, Alf E., Goteborg, Sweden. Ladder. 2,542,923, Feb. 20.
Hallén, Alf E., Goteborg, Sweden. Ship derrick mast. 2,544,081, Mar. 6.
Hallén, Odd, Oslo, Norway. Manufacturing gloves. 2,538,451, Jan. 16.
Hallenbeck, Thomas L., assignor to Baker Bros. Inc., Toledo, Ohio. Motor control for machine-tool drives. 2,552,041, May 8.
Hallenbeck, Thomas L., assignor to Baker Bros. Inc., Toledo, Ohio. Fluid actuating system and apparatus. 2,571,359, Oct. 16.
Hallensceid Gustav A., assignor to Hall-Mack Company, Los Angeles, Calif. Bathroom article holder. 2,577,011, Dec. 4.
Haller, Cecil E., Lititz, and W. R. Keye, Lancaster, Pa., assignors to Radio Corporation of America. Ultrahigh-frequency system employing neutralizing probes. 2,579,820, Dec. 25.
Haller, Clayton L., Mansfield, Ohio, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Control mechanism. 2,549,461, Apr. 17.
Haller, Frank, Brooklyn, N. Y. Safety belt. 2,574,178, Nov. 6.
Haller, John, Northville, Mich. Composite powdered metal bearing. 2,571,868, Oct. 16.
Haller, John, Northville, Mich. Machine for molding helical gears. 2,561,735, July 24.
Hallerberg, Theodore W., Chicago, Ill. Electrical indicator system. 2,553,968, May 22.
Hallerberg, Theodore W., Chicago, Ill. Electrical monitoring system. 2,571,360, Oct. 16.
Hallett, John L.: *See*—
Bedford, Clay P., Hammond, and Hallett.
Halley, James W., Dune Acres, Ind., assignor to Inland Steel Company, Chicago, Ill. Structural steel. 2,564,004, Aug. 14.
Halliburton Oil Well Cementing Company, assignee: *See*—
Adams, Robert S.
Dill, Winnefred S.
Greer, Walton J.
Hallicrafters Co., The, assignee: *See*—
Mayberry, Leonard A.
Wilbur, Donald I.
Hallman, Jacob C., Kitchener, Ontario, Canada. Organ valve. 2,577,580, Dec. 4.
Hallman, Ludlow B., Jr., Dayton, Ohio. Pressure-pattern navigation computer. 2,562,186, July 31.
Hallock, Robert F., Hillside, Md. Dehumidifier system. 2,566,327, Sept. 4.
Hallock, Robert L., Larchmont, N. Y. Ice tray grid. 2,538,939, Jan. 23.
Hallock, Robert L., Larchmont, N. Y. Grid for ice trays. 2,547,389, Apr. 3.
Hallock, Robert L., Larchmont, N. Y., assignor to Elastic Stop Nut Corporation of America, Union Township, N. J. Nail with spreading points. 2,560,643, July 17.
Hallock, Robert L., Larchmont, N. Y., assignor to Elastic Stop Nut Corporation of America, Union Township, N. J. Self-locking nail. 2,567,935, Sept. 18.
Hallonquist, Earl G., assignor to Plywood Research Foundation, Tacoma, Wash. Dry process for making composite products with pH control. 2,571,986, Oct. 16.
Hallstedt, Paul, assignor to L. L. Murphy, Grand Rapids, Mich. Sling for use in the treatment of unilateral leg diseases. 2,543,847, Mar. 6.
Hallstrand, Eric A., Stratford, Conn., assignor to General Electric Company. Zero backlash gear drive. 2,548,603, Apr. 10.
Hallstrand, Eric A., Stratford, and W. J. Myers, Bridgeport, Conn., assignors to General Electric Company. Tuning device for radio receivers. 2,556,875, June 12.
Hallstrand, Eric A., Stratford, Conn., assignor to General Electric Company. Shaft bearing. 2,570,117, Oct. 2.
Hallstream, Harold H., Waquoit, Mass. Can handle. 2,559,190, July 3.
Hallum, Robert K., Brownwood, Tex. Climbing toy. 2,550,065, Apr. 24.
Halmasy, Julius S., Sr., Akron, Ohio. Coil type water tube heater. 2,541,245, Feb. 13.
Halmer, Otto, Los Angeles, Calif. Camera mounting or dolly. 2,567,068, Sept. 4.
Haloid Company, The, assignee: *See*—
Dessauer, John H., and Insalaco.
Mulloy, Lorne B., and Thompson.
Oughton, Charles D., and Bixby.
Sabel, Edward R., and Galbrecht.
Walkup, Lewis E.
Haloski, Frank: *See*—
Verheyden, James A., and Haloski.

Haloski, Walter J., assignor to Armour Research Foundation of Illinois Institute of Technology, Chicago, Ill. Magazine drive for magnetic wire recorders. 2,550,556, Apr. 24.

Haloski, Walter J., assignor to Union Specialties Company, Chicago, Ill. Magnetic tape recorder-reproducer. 2,558,432, June 26.

Halowich, Michael, assignor to Gerhard-Halowich Corporation, Wausau, Wis. Trimming cans or the like. 2,575,104, Nov. 13.

Halperin, William J., Chicago, Ill. Ratchet wrench for turnbuckles. 2,536,172, Jan. 2.

Halpern, Bernard R., New York, N. Y. Precision process camera. 2,570,668, Oct. 9.

Halpern, Josef: *See*—
Redmond, Nathan, and Halpern.

Halpern, Julius, Brookline, and R. V. Pound, Cambridge, Mass., assignors, by mesne assignments, to the United States of America as represented by the Secretary of War. Automatic frequency control system. 2,564,005, Aug. 14.

Halpern, Sidney, Jacksonville, Fla. Vehicle tire. 2,563,466, Aug. 7.

Halpert, Percy: *See*—
Brannin, Richard S., Halpert, and Jude.

Halpin, Abraham, New York, N. Y. Pet carrier. 2,538,778, Jan. 23.

Halpin, Elwood R., Rochester, N. Y. Pump combination. 2,577,417, Dec. 4.

Halstead, William S., Purchase, N. Y., assignor, by mesne assignments, to Farnsworth Research Corporation. Cathode-pulsing communication system. 2,541,050, Feb. 13.

Halstead, William S., Purchase, N. Y., assignor, by mesne assignments, to Farnsworth Research Corporation. Televiison distribution system. 2,559,613, July 10.

Halstead, William S., Purchase, N. Y. Communications system of restricted range type. 2,567,431, Sept. 11.

Halstead, William S., Purchase, N. Y., assignor, by mesne assignments, to Farnsworth Research Corporation. Remote supervisory radio signaling system. 2,577,751, Dec. 11.

Haltenberger, Jules, La Jolla, assignor to Consolidated Vultee Aircraft Corporation, San Diego, Calif. Orifice control means for jet propulsion motors. 2,551,372, May 1.

Halverson, Gilbert: *See*—
Kleis, John D., and Halverson.

Halverson, Gilbert, Libertyville, and J. D. Kleis, Lake Forest, assignors to Fansteel Metallurgical Corporation, North Chicago, Ill. Contact mounting. 2,575,808, Nov. 20.

Halverson, Herman, assignee: *See*—
Loomis, Lawrence L.

Halvorsen, Henry K., Jr.: *See*—
Halvorsen, Henry K. and H. K., Jr.

Halvorsen, Henry K. and H. K. Jr., Sutherlin, Oreg. Side block. 2,546,445, Mar. 27.

Halvorsen, Ralph H., assignor to Teletype Corporation, Chicago, Ill. Card punch control system. 2,578,185, Dec. 11.

Halvorsen, William T.: *See*—
Devine, James H., and Halvorsen.

Ham, Garnet P., Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Bacteria-resistant elastomers containing silvered anion-exchange resins. 2,578,186, Dec. 11.

Ham, George E.: *See*—
Chapin, Earl C., and Ham.
Mowry, David T., and Ham.

Ham, George E., Dayton, Ohio, assignor to Monsanto Chemical Company, St. Louis, Mo. Preparing copolymers of acrylonitrile. 2,559,154, July 3.

Ham, George E., Dayton, Ohio, assignor to Monsanto Chemical Company, St. Louis, Mo. Copolymers of acrylonitrile and quaternary ammonium salts containing polymerizable vinyl substituents. 2,572,560, Oct. 23.

Ham, George E., Dayton, Ohio, assignor to Monsanto Chemical Company, St. Louis, Mo. Copolymers of acrylonitrile and quaternary ammonium salts containing polymerizable allyl or methallyl substituents. 2,572,561, Oct. 23.

Ham, George E., and D. T. Mowry, Dayton, Ohio, assignors to Monsanto Chemical Company, St. Louis, Mo. Copolymers of vinyl acetate and vinyl halobenzoates. 2,563,602, Aug. 7.

Ham, John L.: *See*—
Bens, Frederick P., Ham, and Parke.

Ham, William C., Chesterfield County Courthouse, O. A. Hitt and M. Kiachif, Richmond, Va., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Hot tube drying. 2,560,341, July 10.

Hamacher, Edward A.: *See*—
Parrish, William, and Hamacher.

Hamacher, Edward A., assignor to Philips Laboratories, Inc., Irvington-on-Hudson, N. Y. Electronic trigger circuit pulse scaling system. 2,557,186, June 19.

Hamacher, Joseph D., and R. W. Barns, assignors to Detrex Corporation, Detroit, Mich. Countercurrent extraction apparatus. 2,547,577, Apr. 3.

Haman, Ralph W.: *See*—
Murphy, Frank L., Haman, and Kay.

Haman, William J., Trona, Calif. Fisherman's pliers. 2,549,462, Apr. 17.

Hamann, Floyd R., Sylvania, J. W. Miller, A. J. Barrie, H. A. Gutman, and E. F. Kern, assignors to Miami Industries Inc., Toledo, Ohio. Liquid measuring and dispensing device. 2,563,930, Aug. 14.

Hamberg, Philip F., Jr.: *See*—
Beghin, Adolfo J., Hamberg, and Smith.

Hamberger, Henry A., Rochester, N. Y. Automatic grinder for small circular saws. 2,570,118, Oct. 2.

Hamblet, Clement H., and F. S. Chance, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Oxidation of petroleum cyclohexane. 2,557,281, June 19.

Hamblet, Clement H., and A. McAlevy, assignors to E I. du Pont de Nemours & Comapny, Wilmington, Del. Adipic acid process. 2,557,282, June 19.

Hamblet, Harold E.: *See*—
Herbert, Walter N., and Hamblet.

Hamblin, Jack L., assignor of one-half to J. C. Walbright, Portsmouth, Ohio. Snow and ice melting device for vehicles. 2,560,221, July 10.

Hambrock, Kenneth O.: *See*—
Emmick, Robert D., Hambrock, and Rogers.

Hambrock, Kenneth O., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours and Company, Wilmington, Del. Production of lysine monohydrochloride and derivatives. 2,556,917, June 12.

Hambrook, Frederick E., Victoria, British Columbia, Canada. Hairpin. 2,548,973, Apr. 17.

Hamby, Russell S., Cleveland, Ohio, assignor to The Reliance Electric & Engineering Co. Ventilating construction for explosionproof electric motors. 2,555,691, June 5.

Hamby, Walter W., Greensboro, N. C., assignor of one-fifth to I. C. Adams, Dalton, Ga. Tufting. 2,578,242, Dec. 11.

Hamel, Edward C., Itasca, G. A. Brown, Lombard, and R. F. Pond, assignors to Teleflex Antenna Co., Chicago, Ill. Folded dipole antenna. 2,569,810, Oct. 2.

Hamel, Lewis E., Co., Inc., assignee: *See*—
Hamel, Lewis E.

Hamel, Lewis E., assignor to Lewis E. Hamel Co., Inc., Rochester, N. Y. Minnow trap. 2,536,281, Jan. 2.

Hamer, Alfred A., Alexandria, Va. Journal lubricator. 2,571,235, Oct. 16.

Hamer, Leland S., Long Beach, assignor of one-fourth to P. A. Dewhirst, Los Angeles, Calif. Flow control fitting. 2,558,247, June 26.

Hamer, Leland S., Long Beach, Calif. Union type coupling for pipes or the like. 2,568,232, Sept. 18.

Hamer, Leland S., Long Beach, assignor of one-fourth to P. A. Dewhirst, Los Angeles, Calif. Pipe joint. 2,570,545, Oct. 9.

Hamer, Leland S., Long Beach, assignor of one-fourth to P. A. Dewhirst, Los Angeles, Calif. Fluid control. 2,573,842, Nov. 6.

Hamill, William W., Little Aston, England. Control means for power units, including internal-combustion engines and gearboxes. 2,564,220, Aug. 14.

Hamill, William W., Little Aston, England. Thermostat for controlling temperature or rate of flow of fluids. 2,565,425, Aug. 21.

Hamilton, Alfred E., Pittsburgh, Pa. Grinding and polishing apparatus. 2,536,444, Jan. 2.

Hamilton, Alfred E., Pittsburgh, Pa. Grinding and finishing strip metal. 2,540,367, Feb. 6.

Hamilton, Arthur S., Jr., Brighton, N. Y. Loading ramp. 2,547,460, Apr. 3.

Hamilton, Ausdille T., Alexandria, La. Window guard. 2,545,776, Mar. 20.

Hamilton, Bertis F., Columbus, Ind. Collapsible table with lock means for paired legs. 2,572,474, Oct. 23.

Hamilton, Burton C., Brookline, Mass. Adjustable clamping and spreading fixture. 2,568,233, Sept. 18.

Hamilton, Cecil B., assignee: *See*—
Hooper, Alfred.

Hamilton, Clark H., Oakland, Calif. Microchemist's syringe. 2,561,273, July 17.

Hamilton, Donald R., Garden City, N. Y., assignor to The Sperry Corporation. Frequency multiplier of the cavity resonator type. 2,544,675, Mar. 13.

Hamilton, Francis E., Endicott, M. F. Hayes, Poughkeepsie, and J. D. Wolfe, Johnson City, assignors to International Business Machines Corporation, New York, N. Y. Selectively controlled recording apparatus. 2,540,029, Jan. 30.

Hamilton, Francis E., Endicott, M. F. Hayes, Poughkeepsie, and J. D. Wolfe, Johnson City, assignors to International Business Machines Corporation, New York, N. Y. Selectively controlled recording apparatus. 2,540,030, Jan. 30.

Hamilton, Frederick I.: *See*—
Speier, Bender L., and Hamilton.

Hamilton, Israel J., Inglewood, Calif. Rotary device. 2,549,083, Apr. 17.

Hamilton, James O., Dundalk, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Making conductor splices. 2,536,173, Jan. 2.

Hamilton, James W., Valley Stream, N. Y. Combustion control. 2,545,732, Mar. 20.

Hamilton, Jean W.: *See*—
Anderson, John W., and Hamilton.

Hamilton, Jefferson M., Jr., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Polymerization of trifluorochloroethylene in the presence of silver ion, bisulfite ion and persulfate. 2,569,524, Oct. 2.
Hamilton, Joseph G., San Francisco, T. M. Putnam, Oakland, and J. H. Wiens, Redwood City, Calif., assignors to the United States of America as represented by the United States Atomic Energy Commission. Beryllium target and manufacture. 2,549,596, Apr. 17.
Hamilton, Joseph R., Baker, Oreg. Flight control for model airplanes. 2,543,965, Mar. 6.
Hamilton, L. L., assignee: *See*—
Anderson, James E.
Hamilton Laboratories, Inc., The, assignee: *See*—
Gillaspie, Athey G.
Hamilton, Liday E., Sr., Atlanta, Ga. Picker stick strap lug. 2,548,260, Apr. 10.
Hamilton, Lloyd W., Elmira, N. Y. Paint pail cradle. 2,544,312, Mar. 6.
Hamilton Manufacturing Company, assignee: *See*—
Moore, James R.
Hamilton Metal Products Company, The, assignee: *See*—
Piker, Herbert M.
Hamilton National Bank of Washington, The, executor: *See*—
Graham, Charles W.
Hamilton, Perry H., Columbus, Ind. Can handling machine. 2,546,501, Mar. 27.
Hamilton, Ralph F. G., assignor to Rotax Limited, London, England. Electric current distributing system. 2,567,476, Sept. 11.
Hamilton, Richard W.: *See*—
Lane, Leslie C., Jr., and Hamilton.
Marsh, Nat H., and Hamilton.
Hamilton, Ronald M., Farnham, assignor to Hamilton's Lilyflex Surfaces Limited, London, England. Sectional articulated floating platform. 2,565,369, Aug. 21.
Hamilton-Thomas Corporation, assignee: *See*—
Thomas, Louis G. L.
Hamilton, Thomas J., Affton, Mo. Glass washing device. 2,563,528, Aug. 7.
Hamilton, Vivian E., Jr., Shreveport, La. Apparatus for testing pipe joints for leaks. 2,571,236, Oct. 16.
Hamilton Watch Company, assignee: *See*—
Bennett, William O., Jr.
Bennett, William O., Jr., and Koehler.
Drescher, Ernest W.
Fillinger, Arthur E.
Hawks, Douglass, Jr., and Van Haaften.
Mentzer, Ralph B.
Sinkler, Arthur B., and Van Haaften.
Hamilton, William, Frimley Green, England. Roof structure and the like. 2,536,174, Jan. 2.
Hamilton, William C., Esther, Mo. Journal binder. 2,564,531, Aug. 14.
Hamilton, William F., Altadena, Calif. Vasoconstrictor compounds of saccharin and pharmaceutical compositions produced therefrom. 2,538,645, Jan. 16.
Hamilton, William F., Altadena, and M. F. George, Jr., assignors to F. M. Turnbull, Los Angeles, Calif. Swivel intake for dispensing pumps. 2,556,180, June 12.
Hamilton's Lilyflex Surfaces Limited, assignee: *See*—
Hamilton, Ronald M.
Hamister, Victor C., Lakewood, Ohio, assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Stabilization of pyrophoric iron. 2,578,800, Dec. 18.
Hamlett, Roswell W., Durham, N. C. Drain cleaner. 2,570,546, Oct. 9
Hamlin, Frederic T., Stewartsville, N. J., assignor to Ingersoll-Rand Company, New York, N. Y. Power-operated impact wrench. 2,566,661, Sept. 4.
Hamlin, Henry F., Manlius, assignor to United States Hoffman Machinery Corporation, New York, N. Y. Dry cleaning. 2,573,966, Nov. 6.
Hamlin, Henry F., Manlius, assignor to United States Hoffman Machinery Corporation, New York, N. Y. Electrical precipitation method. 2,573,967, Nov. 6.
Hamlin, Jerry F., San Francisco, Calif. Jaw holder for blind riveting guns. 2,570,801, Oct. 9.
Hamlin Metal Products Company, The, assignee: *See*—
Walklet, Mercer D.
Hamlin, Parker R., assignee: *See*—
Seifts, Arthur H.
Hamm, Alexander L., New York, N. Y., assignor to Combustion Engineering-Superheater, Inc. Chemical furnace and recovery unit. 2,555,337, June 5.
Hamm, Clarence L., Marblehead, Mass., assignor to General Electric Company. Connector for dynamo-electric machines. 2,570,800, Oct. 9.
Hamm, Hilton C., East Hampton, Conn. Bow sight. 2,562,187, July 31.
Hamm, Homer A., Chicago, Ill. Absorbent glass container. 2,568,623, Sept. 18.
Hamm, Philip C., Kansas City, assignor to Monsanto Chemical Company, St. Louis, Mo. Tall oil-melamine reaction product and process. 2,577,418, Dec. 4.
Hammann, Carl F., Boston, assignor to North American Research Corporation, Cambridge, Mass. Metering valve for filler machines. 2,573,566, Oct. 30.
Hammar, Gustaf W., Moscow, Idaho, G. A. Noddin, Wenonah, N. J., D. E. Rosen, Takoma Park, and F. J. Trelease, Oxford, Md., assignors to the United States of America as represented by the Secretary of the Navy. Fuse and igniter. 2,547,820, Apr. 3.
Hammar, Victor, and G. Dahlbäck, Bofors, Sweden. Balancing system for gun elevating mechanisms. 2,564,360, Aug. 14.
Hammatt, Young F., assignee: *See*—
Hammett, Clarence E.
Hammell, Kemper M.: *See*—
Coss, George R., and Hammell.
Hammell, Kemper M., Detroit, Mich., assignor to Eureka Williams Corporation. Rug cleaning nozzle. 2,536,443, Jan. 2.
Hammell, Kemper M., Detroit, Mich., assignor to Eureka Williams Corporation. Garbage disposal apparatus. 2,536,928, Jan. 2.
Hammell, Kemper M., Detroit, Mich., assignor to Eureka Williams Corporation. Garbage grinder. 2,536,929, Jan. 2.
Hammell, Kemper M., Bloomington, Ill., assignor to Eureka Williams Corporation, Detroit, Mich. Garbage disposal apparatus. 2,536,930, Jan. 2.
Hammell, Kemper M., Bloomington, and R. P. O'Malley, Farmer City, Ill., assignors to Eureka Williams Corporation, Detroit, Mich. Centrifugal switch. 2,573,968, Nov. 6.
Hammer, James W., Freeland, Mich. Dispensing and measuring device for granular materials. 2,561,696, July 24.
Hammer, Oscar H., South Haven, assignor to The Dow Chemical Company, Midland, Mich. Parasiticidal composition. 2,579,428, Dec. 18.
Hammer, Oscar H., South Haven, assignor to The Dow Chemical Company, Midland, Mich. Sulfur composition. 2,579,429, Dec. 18.
Hammer, Oscar H., South Haven, assignor to The Dow Chemical Company, Midland, Mich. Dormant parasiticide compositions. 2,579,430, Dec. 18.
Hammer, Oscar H., South Haven, assignor to The Dow Chemical Company, Midland, Mich. Parasiticide composition. 2,579,431, Dec. 18.
Hammer, Samuel: *See*—
Jurnove, Donald S., and Hammer.
Hammer, Samuel E.: *See*—
Harrington, Michael J., and Hammer.
Hammerich, Hans A., North Hackensack, N. J. Removable sash shade bracket. 2,551,264, May 1.
Hammerly, Herman J., assignor to The Trumbull Electric Manufacturing Company, Plainville, Conn. Electromagnetically actuated contactor with start and stop and hold-in switches. 2,551,373, May 1.
Hammerly, Herman J., and C. B. Turton, assignors to The Trumbull Electric Manufacturing Company, Plainville, Conn. Trolley type collector for bus bar duct systems. 2,536,282, Jan. 2.
Hammerly, Herman J., and A. H. Veitch, Plainville, Conn., assignors, by mesne assignments, to General Electric Company. Electric switch for panels, etc. 2,570,229, Oct. 9.
Hammerquist, William L.: *See*—
Wanamaker, Elmer M., Hammerquist, and Morgan.
Hammerquist, William L., assignor to Electro Manganese Corporation, Knoxville, Tenn. Manganese electrowinning process. 2,559,874, July 10.
Hammerschmidt, Andrew L.: *See*—
Duke, Vernon J., and Hammerschmidt.
Hammerslag, Julius: *See*—
Bouchard, Leo J., Hammerslag, and Weiner.
Volff, Charles L., and Hammerslag.
Hammerstein, Arthur, Palatine, Ill. Dispensing device. 2,565,917, Aug. 28.
Hammett, Clarence E., South Gate, assignor to Y. F. Hammatt, Anaheim, Calif. Shuffleboard cue. 2,577,189, Dec. 4.
Hammick, Frederick C., Ivanhoe, near Melbourne, Australia. Internal-combustion engine. 2,565,368, Aug. 21.
Hamming, Richard W., Morristown, and B. D. Holbrook, Madison, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Error-detecting and correcting system. 2,552,629, May 15.
Hammink, Niles H.: *See*—
MacFarland, Charles H., and Hammink.
Hammitt, Andrew B., and H. L. Birum, Jr., Trenton, N. J. Roof construction. 2,577,581, Dec. 4.
Hammitt, Andrew B., and H. L. Birum, Jr., Trenton, N. J. Roof construction. 2,577,582, Dec. 4.
Hammock, Walter R., Stillwater, Okla. Fishing hook and line carrier. 2,541,920, Feb. 13.
Hammon, George L., Berkeley, assignor to National Welding Equipment Co., San Francisco, Calif. Regulator filter. 2,553,763, May 22.
Hammond, Dean B.: *See*—
Bedford, Clay P., Hammond, and Hallett.
Hammond, Edmund B., Jr.: *See*—
Knowles, Richard C., White, Harris, Nagy, and Hammond.
Nagy, Edward J., and Hammond.
Hammond, Edmund B., Jr., Floral Park, N. Y., assignor to The Sperry Corporation. Target course gyroscope sight. 2,557,103, June 19.
Hammond, George E.: *See*—
Thompson, Bradley R., and Hammond.

Hammond, George K.: *See*—
Meyer, Fred J., and Hammond.

Hammond, Harris, Los Angeles, Calif. Apparatus for treating perlite ore. 2,536,742, Jan. 2.

Hammond Instrument Company, assignee: *See*—
Hammond, Laurens.
Hammond, Laurens, and Hanert.
Hanert, John M.
Meinema, Herbert E.

Hammond Iron Works, assignee: *See*—
Plummer, Fred L.

Hammond, John H., Jr., assignee: *See*—
Purrington, Ellison S.

Hammond, John H., Jr., Gloucester, Mass. Magnetic bottle opener. 2,542,329, Feb. 20.

Hammond, John H., Jr., and E. S. Purington, Gloucester, Mass, assignors to Radio Corporation of America, New York, N. Y. Radio trail navigational system. 2,544,677, Mar. 13.

Hammond, John H., Jr., Gloucester, Mass. System for making continuous sound records. 2,563,647, Aug. 7.

Hammond, John H., Jr., Gloucester, Mass. Microphone system having automatic volume level sensitivity. 2,563,648, Aug. 7.

Hammond, John H., Jr., Gloucester, Mass. Automatic frequency corrected transmission system. 2,578,541, Dec. 11.

Hammond, John H., Jr., Gloucester, Mass. Volume expander with timing control. 2,580,020, Dec. 25.

Hammond, John M., Glendale, assignor to H. J. Minkus, Los Angeles, Calif. Contractile reel for paper cutting machines. 2,578,064, Dec. 11.

Hammond, Joseph, Rockford, Ill. Tappet adjusting tool. 2,570,230, Oct 9.

Hammond, La Reina R., Van Nuys, Calif. Ventilated reducing garment. 2,543,317, Feb. 27.

Hammond, Laurens, assignor to Hammond Instrument Company, Chicago, Ill. Aircraft flight control apparatus. 2,550,806, May 1.

Hammond, Laurens, assignor to Hammond Instrument Company, Chicago, Ill. Remote-control apparatus. 2,554,329, May 22.

Hammond, Laurens, Chicago, and J. M. Hanert, Park Ridge, assignors to Hammond Instrument Company, Chicago, Ill. Vibrato apparatus. 2,560,568, July 17.

Hammond, Lee C., assignor to Hammond Machinery Builders, Inc., Kalamazoo, Mich. Slot bar for sawing machines. 2,554,299, May 22.

Hammond, Lee C., assignor to Hammond Machinery Builders, Inc., Kalamazoo, Mich. Saw gauge. 2,576,340, Nov. 27.

Hammond, Lee C., assignor to Hammond Machinery Builders, Inc., Kalamazoo, Mich. Work holder for grinding router bits. 2,578,884, Dec. 18.

Hammond, Leni K., and R. H. Stout, Winnetka, Ill. Two-story knockdown variety doll house. 2,544,833, Mar. 13.

Hammond Machinery Builders, Inc., assignee: *See*—
Bell, Ramsay M.
Hammond, Lee C.

Hammond, Wallace T. C., Homerton, London, England, assignor, by mesne assignments, to The Sherwin-Williams Company, Cleveland, Ohio. Interpolymerization of vinyl aromatic compound and oil-modified alkyd in the presence of sulfur. 2,563,784, Aug. 7.

Hammond, William S.: *See*—
Winslow, Fred H., and Hammond.

Hamner, Paul Z., Iowa Park, assignor of one-half to W. D. Keith, Wichita Falls, Tex. Well recording mechanism. 2,572,025, Oct. 23.

Hamon, Wesley M., and M. O. Pearson, East Los Angeles, Calif. Three jaw vise. 2,552,094, May 8.

Hampden Specialty Products, Inc., assignee: *See*—
Schaffer, Edward A.

Hampson, Herbert, West Englewood, and P. Quinn, East Paterson, assignors to General Coated Products, Inc., Paterson, N. J. Flexible veneer and making same. 2,563,111, Aug. 7.

Hampson, John C.: *See*—
Shaner, Anthony, and Hampson.

Hampton, Burt L., assignor to Crosby Chemicals, Inc., De Ridder, La. Treating polymerized terpene resin. 2,550,557, Apr. 24.

Hampton, Burt L., assignor to Crosby Chemicals, Inc., De Ridder, La. Polymerization of rosin. 2,551,436, May 1.

Hampton, Donald M., Odessa, Tex. Well tool. 2,547,461, Apr. 3.

Hampton, Elmer N., Rolla, Mo. Tubular turbine. 2,544,154, Mar. 6.

Hampton, John H.: *See*—
Davenport, William G., and Hampton.

Hampton, Leon N.: *See*—
Coyne, Howard L., Fessler, Hampton, Mesch, and Thompson.

Hampton, Leon N., New York, O. S. A. Mesch, St. Albans, and C. V. Obst, Richmond Hill, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electrical control device. 2,578,353, Dec. 11.

Hampton, Lucian W., Portland, Oreg. Load carrying attachment for bicycles, motorcycles, and the like. 2,578,243, Dec. 11.

Hampton Machine Company, assignee: *See*—
Pendleton, Pyam L.

Hampton, Willard F., assignor of one-half to E. G. Woleslagel, Hutchinson, Kans. Lock. 2,556,918, June 12.

Hampton, Willard F., assignor of one-half to E. G. Woleslagel, Hutchinson, Kans. Nonrattling latch for houses and vehicle doors. 2,563,239, Aug. 7.

Hamre, Glenn L., assignor to The Hamre Specialty Company, Chicago, Ill. Fishing pole. 2,541,759, Feb. 13.

Hamre Specialty Company, The, assignee: *See*—
Hamre, Glenn L.

Hana, Thomas C., Great Neck, N. Y., assignor to Hazeltine Research, Inc., Chicago, Ill. Relaxation type of electrical measuring system. 2,544,531, Mar. 6.

Hanau, Nathaniel A., Essex Fells, N. J. Pastry products and preparation thereof. 2,547,206, Apr. 3.

Hance, Harold V., Washington, D. C. Time base generator. 2,562,188, July 31.

Hanchett, George D., Jr., Milburn, N. J., assignor to Radio Corporation of America. Electronic interval timer. 2,538,515, Jan. 16.

Hanchett, George D., Jr., Millburn, N. J., assignor to Radio Corporation of America. Electronic fence controller. 2,567,667, Sept. 11.

Hancock, Benjamin W., and J. B. Maier, assignors to Maier-Hancock Corp., Pacoima, Calif. Film splicing machine. 2,544,082, Mar. 6.

Hancock Brick and Tile Company, The, assignee: *See*—
Child, James L., Jr.

Hancock, Chester D., Kansas City, Mo., assignor of one-third to W. L. Ruhle, Mission, and one-third to R. Theno, Welborn, Kans. Pump and ram hydraulic lifting device. 2,573,567, Oct. 30.

Hancock, James C., Roanoke, Va. Foldable reel. 2,555,851, June 5.

Hancock, James L., Indian Head, Md. Valve adjusting tool. 2,544,834, Mar. 13.

Hancock, Patrick G.: *See*—
Murphy, William P.

Hancock, Peter F., and F. W. K. Schulte, assignors to Birlec Limited, Erdington, Birmingham, England. Decarburization of iron or iron alloy castings. 2,557,379, June 19.

Hancock, William L., and B. Walsh., assignors to Martin-Senour Company, Chicago, Ill. Apparatus for mixing and dispensing paint. 2,548,106, Apr. 10.

Hancox, Burton W.: *See*—
Livingston, Walter R., and Hancox.

Hancox, Robert R., Kansas City, Mo., G. L. Tuer, Jr., Cleveland, Ohio, and M. J. Stutzman, Kansas City, Mo., assignors to Olin Industries, Inc., East Alton, Ill. Apparatus for the manufacture of iron shot. 2,544,678, Mar. 13.

Hand, James W., Jr.: *See*—
Matuszak, Alfred H., and Hand.

Hand, Kenneth E., Kalamazoo, Mich. Reversible settee and chair. 2,544,787, Mar. 13.

Hand, Orville E., assignee: *See*—
Werner, Robert E., Sr.

Hand, Robert D.: *See*—
Brunell, Walter H., and Hand.

Hand, Thomas L., assignor of one-half to F. M. Grier, Belmont, N. C. Stop motion for carding machines. 2,554,104, May 22.

Hand, William L., Chicago, Ill. Control device for heat exchange systems. 2,573,663, Oct. 30.

Handelman, Philip, Pittsburgh, assignor to Reliance Steel Products Company, McKeesport, Pa. Adjustable limit switch means. 2,558,517, June 26.

Handelman, Ralph R.: *See*—
Boggs, Samuel D., Jr., and Handelman.

Handforth, Stanley L., Wilmington, Del., assignor to the United States of America as represented by the United States Atomic Energy Commission. Sampling apparatus. 2,540,944, Feb. 6.

Handi-Premature Carrier Company, assignee: *See*—
Duffy, Matthew J.

Handler, Ben, North Bergen, N. J., assignor, by mesne assignments, to Arthur Imerman Undergarment Co., Inc. Wearing apparel conveyer. 2,574,827, Nov. 13.

Handler, Charles, assignee: *See*—
Green, Martin.

Handley, John, London, England, assignor to The Union Totalisator Company, Limited, Glasgow, Scotland. Cam and pawl actuated tens transfer device. 2,575,872, Nov. 20.

Handley, John, Purley, England, assignor to The Union Totalisator Company Limited, Glasgow, Scotland. Aggregating and displaying device, particularly applicable to totalizators. 2,566,610, Sept. 4.

Handley, John, Purley, England, assignor to The Union Totalisator Company, Limited, Glasgow, Scotland. Ratio computing and indicating device for totalizators. 2,580,090, Dec. 25.

Handley, Mabel P., administratrix: *See*—
Handley, Robert W., and Sawyer.

Handley, Robert W., Denver, Colo., and C. W. Sawyer, Butte, Mont.; M. P. Handley, administratrix of said R. W. Handley, deceased, assignors, by mesne assignments, to the United States of America as represented by the United States Atomic Energy Commission. Recovery of carnotite from its ores. 2,570,119, Oct. 2.

Handley, Robert W., Denver, Colo., and C. W. Sawyer, Butte, Mont.; M. P. Handley, administratrix of said R. W. Handley, deceased, assignors, by mesne assignments, to the United States of America as represented by the United States Atomic Energy Commission. Recovery of pitchblende and similar uranium minerals from ores of same by special flotation practice. 2,570,120, Oct. 2.
Handling Devices Co., Inc., assignee: *See*—
Moffat, Alexander W.
Handlos, Arthur E.: *See*—
Pierotti, Gino J., Handlos, and Reider.
Handschin, Max, Kusnacht, Switzerland, assignor to Daphne Investment Trust, Vaduz, Liechtenstein. Device for the remote control of electrical circuits. 2,542,192, Feb. 20.
Handschin, Max, Kusnacht-Zurich, Switzerland, assignor to Ipsophon Patentgesellschaft A.-G., of Glarus. Device for eliminating silent periods between intermittant recordings. 2,553,410, May 15.
Handschin, Max, Kusnacht-Zurich, and K. Wagner, Zurich, Switzerland, assignors to Daphne Investment Trust, Vaduz, Principality of Liechtenstein. Method of and arrangement for repeating the reproduced text in automatic telephonographs. 2,537,406, Jan. 9.
Handschin, Max, Kusnacht-Zurich, and K. Wagner, Zurich, Switzerland, assignors to Daphne Investment Trust, Vaduz, Principality of Liechtenstein. Method of and arrangement for the coded remote setting in operation of an automatic telephonograph over a telephone circuit. 2,537,407, Jan. 9.
Handwerk, Erwin C., and C. J. Lentz, Palmerton, Pa., assignors to The New Jersey Zinc Company, New York, N. Y. Autogenous coking of agglomerates of zinciferous and carbonaceous materials. 2,536,365, Jan. 2.
Handy, Carleton T., and J. C. Sauer, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. N,N-disubstituted vinyl dithiocarbamates. 2,579,384, Dec. 18.
Handy, Wilbur Y., and W. M. Smith, Jr., assignors to The Fellows Gear Shaper Company, Springfield, Vt. Method and machine for generating offset face gears. 2,579,422, Dec. 18.
Haneiko, John G.: *See*—
Puchlowski, Konstanty P., and Haneiko.
Hanel, Franz, Baden, Germany. Antiskid device for motor vehicles. 2,545,578, Mar. 20.
Hanert, John M.: *See*—
Hammond, Laurens, and Hanert.
Hanert, John M., Park Ridge, assignor to Hammond Instrument Company, Chicago, Ill. Electrical musical instrument. 2,540,727, Feb. 6.
Hanert, John M., Park Ridge, assignor to Hammond Instrument Company, Chicago, Ill. Apparatus for automatic production of music. 2,541,051, Feb. 13.
Hanert, John M., Park Ridge, assignor to Hammond Instrument Company, Chicago, Ill. Electrical musical instrument. 2,543,628, Feb. 27.
Hanert, John M., Park Ridge, assignor to Hammond Instrument Company, Chicago, Ill. Inductance tuned audio-frequency oscillator. 2,543,629, Feb. 27.
Hanert, John M., Park Ridge, assignor to Hammond Instrument Company, Chicago, Ill. Electrical musical instrument. 2,562,908, Aug. 7.
Hanert, John M., Park Ridge, assignor to Hammond Instrument Company, Chicago, Ill. Tone quality control circuit for electrical musical instruments. 2,577,752, Dec. 11.
Hanert, John M., Park Ridge, assignor to Hammond Instrument Company, Chicago, Ill. Electrical musical instrument with tone sustaining means. 2,577,753, Dec. 11.
Hanes Hosiery Mills Company, assignee: *See*—
Hedgecock, Thomas L.
Miller, Eugene F.
Haney, Donald W.: *See*—
Daly, George F., Malmros, and Haney.
Haney, Earl P., Winchester, Mass. Cuticle shield. 2,561,571, July 24.
Haney, Lon, assignee: *See*—
Ditto, John.
Hanford, William E., Short Hills, assignor to The M. W. Kellogg Company, Jersey City, N. J. Dehydration of organic acids. 2,578,698, Dec. 18.
Hanford, William E., Short Hills, N. J., and J. R. Roland, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Reaction of polymeric materials with ethylene. 2,542,771, Feb. 20.
Hanford, William E., Easton, Pa., and R. M. Joyce, Jr., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Fluorinated compounds. 2,562,547, July 31.
Hanger, James E., III, assignor to Metal Limb Manufacturers, Inc., Washington, D. C. Knee lock for artificial limbs. 2,560,286, July 10.
Hanger, William A.: *See*—
Coleman, Roy F., and Hanger.
Hanink, Dean K.: *See*—
Grange, Howard L., and Hanink.
Hanitz, Hans T. R., assignor to The Ingersoll Milling Machine Company, Rockford, Ill. Automatic transfer machine tool. 2,576,341, Nov. 27.
Hankes, Wilbur R., U. S. Navy. Optical viewer for vehicle instruments. 2,537,996, Jan. 16.
Hankins, Cyrus, and O. Ingram, Washington, D. C. Center sill filler assembly. 2,569,606, Oct. 2.
Hankins, Rex R., Alexandria, Minn. Draining rack for oil cans. 2,575,809, Nov. 20.
Hankinson, Cloyce L.: *See*—
Oberg, Elmer B., Nelson, and Hankinson.
Hanks, Marshall W., assignor to Hankscraft Company, Madison, Wis. Liquid conductor heater. 2,547,865, Apr. 3.
Hankscraft Company, assignee: *See*—
Hanks, Marshall W.
Hanle, John E.: *See*—
Bush, Edward R., and Hanle.
Hanley Company, Inc., assignee: *See*—
Hanley, William L., Jr.
Hanley, Stanley M., assignee: *See*—
Bixby, William H.
Hanley, William L., Jr., Greenwich, Conn., assignor to Hanley Company, Inc. Tunnel kiln. 2,550,807, May 1.
Hanlon & Wilson Company, assignee: *See*—
Wilson, John R.
Hanmer, Robert S., Bartlesville, Okla., assignor to Phillips Petroleum Company. Production of alkyl benzenes. 2,559,818, July 10.
Hanna, Clinton R.: *See*—
Lynn, Lawrence B., and Hanna.
Hanna, Clinton R., Pittsburgh, and S. J. Mikina, Wilkinsburg, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Speed control system. 2,571,869, Oct. 16.
Hanna Coal & Ore Corporation, assignee: *See*—
Lamphere, Nathan.
Vedensky, Dmitri N., and Bachaud.
Hanna, Edward J.: *See*—
Barnum, Granville F., and Hanna.
Hanna Engineering Works, assignee: *See*—
Trimble, Roy L., and Hanna.
Hanna, John C.: *See*—
Trimble, Roy L., and Hanna.
Hanna, Merrill O., East Malvern, Victoria, Australia. Method of and apparatus for electrically heating and upsetting metal rods or bars. 2,570,547, Oct. 9.
Hanna, Merrill O., East Malvern, Victoria, Australia. Method of and apparatus for electrically heating and upsetting rods or bars. 2,570,548, Oct. 9.
Hanna, Raymond P., Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Two-part preformed coils. 2,565,128, Aug. 21.
Hanna, Raymond P., Pittsburgh, J. G. Wynn, McKeesport, M. M. Fromm, Pittsburgh, and E. M. Laughner, Jeannette, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Varnish treatment of electrical apparatus. 2,561,982, July 24.
Hanna, Waldo E., Mount Cory, Ohio. Seed potato slicer. 2,547,702, Apr. 3.
Hanna, William T., deceased, Cincinnati, Ohio; R. W. Todd, executor of said W. T. Hanna. Tender conveyer system for locomotive stokers. 2,569,811, Oct. 2.
Hanna, William T., deceased, Cincinnati, Ohio; R. W. Todd, executor of said W. T. Hanna. Tender conveyer system for locomotive stokers. 2,569,812, Oct. 2.
Hannable, Daniel W.: *See*—
Stacey, Ernest W., Hannable, Hubbard, and Richardson.
Hannah, Charles J., and R. D. La Salle, Paterson, N. J. Stencil screen frame. 2,545,277, Mar. 13.
Hannay, Robert S. E., Edinburgh, Scotland, assignor to F. N. F. Limited, Burton-on-Trent, England. Knitting machine needle motion. 2,562,034, July 24.
Hannay, Robert S. E., Carlisle, W. Kilby, and R. H. Edmead, Bolton-le-Sands, assignors to Morton Sundour Fabrics Limited, Carlisle, England. Apparatus for padding absorbent materials. 2,562,457, July 31.
Hannegan, Thomas P., St. Paul, Minn. Door controlling device. 2,560,860, July 17.
Hanner, George E., Mansfield, Ohio, assignor to Dominion Electrical Manufacturing, Inc. Handle locking means for travel irons. 2,540,579, Feb. 6.
Hanners, Harvey W., and C. W. Areson, Springfield, Ohio, assignors to The National Supply Company, Pittsburgh, Pa. Acceleration element for fuel controlling means for internal-combustion engines. 2,571,571, Oct. 16.
Hannes, Wilbert H., Willow Grove, assignor to Roxy Lawnshear Corporation, Elkins Park, Pa. Machine for forming lawn mower blades. 2,566,412, Sept. 4.
Hannibal, Lester S., and J. R. Turner, Concord, assignors to Shell Development Company, San Francisco, Calif. Differential pressure metering system. 2,560,948, July 17.
Hannigan, Joseph E., Johnston, R. I. Aerating faucet attachment. 2,570,669, Oct. 9.
Hannigan, Thomas F., Springfield, Mass. Pastry serving device. 2,538,154, Jan. 16.
Hannigan, Thomas F., Springfield, Mass. Phonograph tone-arm actuator. 2,573,328, Oct. 30.
Hannold, William L., Alpine, and J. J. Griffith, Friona, Tex. Fiber recovering machine. 2,576,788, Nov. 27.
Hannon, Albert H., Springfield, Ohio, assignor to Frederic B. Stevens, Inc. Apparatus for processing workpieces. 2,538,242, Jan. 16.
Hannon, Cyril H.: *See*—
Palme, Arthur, and Hannon.

Hannum, John A., Detroit, Mich., assignor, by mesne assignments, to Borg-Warner Corporation, Chicago, Ill. Nitroparaffin fuel. 2,537,526, Jan. 9.
Hannum, John A., Detroit, Mich., assignor, by mesne assignments, to Borg-Warner Corporation, Chicago, Ill. Nitroparaffin fuel. 2,538,516, Jan. 16.
Hannum, John A., Detroit, Mich., assignor, by mesne assignments, to Borg-Warner Corporation, Chicago, Ill. Thermally stabilized fuel. 2,542,193, Feb. 20.
Hannum, John A., Detroit, Mich., assignor, by mesne assignments, to Borg-Warner Corporation, Chicago, Ill. Gas generator. 2,542,194, Feb. 20.
Hannum, John A., Detroit, Mich., assignor, by mesne assignments, to Borg-Warner Corporation, Chicago, Ill. Monofuel. 2,559,071, July 3.
Hannum, John A., Detroit, Mich., assignor, by mesne assignments, to Borg-Warner Corporation, Chicago, Ill. Liquid explosive consisting of a nitroparaffin and N-dodecane. 2,560,439, July 10.
Hannum, John A., and J. N. Epel, assignors to Hefco Laboratories, Detroit, Mich. Moisture-destructible container. 2,567,706, Sept. 11.
Hanovia Chemical and Manufacturing Company, assignee: *See*—
Anderson, William T., Jr.
Bird, Lester F.
Koerbis, Albert.
Hans, Charles A., Wood-Ridge, N. J., assignor to Jewel-Smiths, Inc., Boston, Mass. Diamond cutting machine. 2,579,666, Dec. 25.
Hans, Edmund E., Detroit, Mich. Supporting a fan in a housing opening. 2,557,223, June 19.
Hans, Edmund E., Detroit, Mich. Carburetor. 2,569,377, Sept. 25.
Hanse, William C., Philadelphia, Pa., assignor to American Viscose Corporation, Wilmington, Del. Down winding device. 2,556,272, June 12.
Hansell, Clarence W., Port Jefferson, N. Y., assignor to Radio Corporation of America. Electromechanical amplifier. 2,540,614, Feb. 6.
Hansell, Clarence W., Port Jefferson, N. Y., assignor to Radio Corporation of America. Vacuum tube and circuit therefor. 2,568,855, Sept. 25.
Hansell, Clarence W., Port Jefferson, N. Y., assignor to Radio Corporation of America. Radio reflector marker. 2,570,549, Oct. 9.
Hansell, Clarence W., Port Jefferson, N. Y., assignor to Radio Corporation of America. Radio calling system. 2,571,031, Oct. 9.
Hansell, Clarence W., Port Jefferson, N. Y., assignor to Radio Corporation of America. Electron discharge device and circuit. 2,574,562, Nov. 13.
Hansell, Clarence W., Port Jefferson, N. Y., assignor to Radio Corporation of America. Magnetron. 2,576,599, Nov. 27.
Hansell, Clarence W., Port Jefferson, N. Y., assignor to Radio Corporation of America. Multiplex communication system. 2,579,070, Dec. 18.
Hansell, Clarence W., Port Jefferson, N. Y., assignor to Radio Corporation of America. Time division multiplex system. 2,579,071, Dec. 18.
Hansell, Clarence W., Rocky Point, N. Y., assignor to Radio Corporation of America. Pulse communication system. 2,540,876, Feb. 6.
Hansell, Clarence W., Rocky Point, N. Y., assignor to Radio Corporation of America. Electronic transformer. 2,551,798, May 8.
Hansell, Clarence W., Rocky Point, N. Y., assignor to Radio Corporation of America. Device for transmission and reception of very short electrical waves. 2,577,463, Dec. 4.
Hansell, Grant E.: *See*—
Peterson, Harold O., and Hansell.
Hansen, Albert, Jr., Lynn, Mass., assignor to General Electric Company. Hall effect regulator and balancing system. 2,551,265, May 1.
Hansen, Albert, Jr., Nahant, Mass., assignor to General Electric Company. Hall effect telemetering transmitter. 2,536,805, Jan. 2.
Hansen, Albert, Jr., Nahant, Mass., assignor to General Electric Company. Hall effect control initiator. 2,536,806, Jan. 2.
Hansen, Alfred J., Wauwatosa, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Differential grid blocking system for electronic frequency changers. 2,548,474, Apr. 10.
Hansen, Arnold M., Berwyn, and H. M. Fletcher, Hyattsville, Md., dedicated to the free use of the people in the territory of the United States. Instrument for measuring elasticity and elastic recovery of textile fabric. 2,568,731, Sept. 25.
Hansen, Augustus, Lakeside, Ariz. Pipe mold. 2,559,296, July 3.
Hansen, Carl I., Lynn, Mass., assignor to McGraw Electric Company, Elgin, Ill. Automatic toaster. 2,537,408, Jan. 9.
Hansen, Carl T.: *See*—
Hansen, Christian A., and C. T.
Hansen, Charles F., Alton, Calif. Interchanging cores in wire ropes. 2,552,673, May 15.
Hansen, Charles W., assignor to J. I. Case Company, Racine, Wis. Vehicle hitch assembly. 2,579,232, Dec. 18.
Hansen, Chris and J., Sumner, Iowa. Ditch digger attachment. 2,552,964, May 15.
Hansen, Christian A. and C. T., Minden, Nev. Stacker for hay in bales. 2,569,760, Oct. 2.
Hansen, Clarence E., assignor to The Dole Valve Company, Chicago, Ill. Diaphragm gasket. 2,537,308, Jan. 9.
Hansen, Curtis E., assignor of fifty per cent to M. L. Nyman, Luck, Wis. Finger guide for clarinets. 2,556,535, June 12.
Hansen, Dortheus A., Bestun, near Oslo, assignor to K. Gjolberg, Oslo, Norway. Light-salting of herrings. 2,538,310, Jan. 16.
Hansen, Edward R., assignor to The Dumore Company, Racine, Wis. Cutoff attachment for chucking machines. 2,536,175, Jan. 2.
Hansen, Elmer F., Marblehead, Mass., assignor to General Electric Company. Magnetic torque meter. 2,537,753, Jan. 9.
Hansen, Francis F., Pittsburgh, Pa. Shortening composition and preparing the same. 2,550,558, Apr. 24.
Hansen, Francis F., Pittsburgh, Pa. Milk powder and its preparation. 2,553,578, May 22.
Hansen, Francis F., Pittsburgh, Pa. Composition for the baking of bread. 2,557,283, June 19.
Hansen, Francis F., Pittsburgh, Pa. Condensed milk composition and its preparation. 2,570,231, Oct. 9.
Hansen, Fred A., and O. Fryxell, assignors to Wheelco Instruments Company, Chicago, Ill. Condition control system with stepped response. 2,540,728, Feb. 6.
Hansen, Fred E., Lakewood, Ohio. Valved hose coupling. 2,548,528, Apr. 10.
Hansen, George H., Mission, G. J. Schroer, and R. T. Manley, assignors to C. E. Hovey, Kansas City, Mo., trustee. Therapeutic irradiator for confined areas. 2,538,685, Jan. 16.
Hansen, George I. E., Clawson, assignor to Cadillac Products, Inc., Ferndale, Mich. Combination protecting shipping pad and attaching clip. 2,551,374, May 1.
Hansen, Hans C., assignor to Dansk Telefonalarm Aktieselskab, Copenhagen, Denmark. Thermoelectric switch. 2,556,582, June 12.
Hansen, Harold, Stafford Springs, Conn. Cement wool building material. 2,539,904, Jan. 30.
Hansen, Harold C.: *See*—
Burke, Stanley A., Hansen, and Bullard.
Hansen, Harold F.: *See*—
Chester, Allan E., Main, and Hansen.
Main, Ray F., and Hansen.
Hansen, Harold V., assignor to Harry Ferguson, Inc., Dearborn, Mich. Hitch for grain drills. 2,553,315, May 15.
Hansen, Harry, Clifton, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Magnetic recorder and reproducer. 2,546,821, Mar. 27.
Hansen, Harry C., Charlottenlund, near Copenhagen, Denmark. Radio station selector. 2,554,052, May 22.
Hansen, Harry J., and D. S. Robbins, Hamden, Conn., assignors to The American Steel and Wire Company of New Jersey. Splice and making same. 2,558,553, June 26.
Hansen, Hjalmer, assignor to J. I. Case Company, Racine, Wis. Lathe. 2,573,101, Oct. 30.
Hansen, Ingwald B.: *See*—
Kelppen, Emil, and Hansen.
Hansen, James R., Bremerton, Wash., assignor of one-half to G. Drews, Garden City, N. Y. Dividing head. 2,567,936, Sept. 18.
Hansen, Jens: *See*—
Hansen, Chris and J.
Hansen, Jens P., Copenhagen, Denmark. Magazine camera. 2,549,195, Apr. 17.
Hansen, Johannes: *See*—
Uhlmann, Erich, and Hansen.
Hansen, John E., North Wales, and T. J. Dietz, Philadelphia, Pa., assignors to the United States of America as represented by the Secretary of Agriculture. Vulcanization of polymerized acrylic esters. 2,579,492, Dec. 25.
Hansen, John N.: *See*—
Britton, Edgar C., and Hansen.
Hansen, Joseph F., Sheboygan, Wis. Detachable tooth and blade in mower bar assembly. 2,560,222, July 10.
Hansen, Julius E., Providence, R. I., assignor to Bay State Optical Company, Attleboro, Mass. Eyeglass construction. 2,550,348, Apr. 24.
Hansen, Knut L., Antioch, Calif. Safety device for bathtubs. 2,572,615, Oct. 23.
Hansen, Lester P., Kingsford, Mich. Driving mechanism for agitators. 2,539,017, Jan. 23.
Hansen, Ludvig J., Denver, Colo. Fish lure retrieving device. 2,560,723, July 17.
Hansen Manufacturing Company, assignee: *See*—
Manson, Harry G., and Hansen.
Hansen, Merrill E., Silver Lake Village, assignor to American Anode Inc., Akron, Ohio. Making rubbery articles. 2,548,974, Apr. 17.
Hansen, Oswald A., and L. E. Cook, Gig Harbor, Wash. Fish lure. 2,549,463, Apr. 17.
Hansen, Robert P.: *See*—
Manson, Harry G., and Hansen.

Hansen, Robert S., Ames, Iowa, assignor to the United States of America as represented by the United States Atomic Energy Commission. Adsorption separation of zirconium and hafnium. 2,571,237, Oct. 16.
Hansen, Siegfried, Los Angeles, Calif., assignor to General Electric Company. X-ray monochromator. 2,543,630, Feb. 27.
Hansen, Siegfried, Los Angeles, Calif., assignor to General Electric Company. Electrostatic generator. 2,545,354, Mar. 13.
Hansen, Siegfried, Los Angeles, Calif. assignor to General Electric Company. Parallax correction in color television. 2,568,448, Sept. 18.
Hansen, Siegfried, Los Angeles, Calif., assignor to General Electric Company. Electronic counter. 2,568,449, Sept. 18.
Hansen, Theodore A., Park Ridge, assignor to Teletype Corporation, Chicago, Ill. Speed regulation of dynamotors. 2,544,383, Mar. 6.
Hansen, Vång, assignor of one-third to H. A. Large and one-third to P. Vorwerk, Brooklyn, N. Y. Nail clipper. 2,540,782, Feb. 6.
Hansen, Waldemar S., Cary, assignor to Stewart-Warner Corporation, Chicago, Ill. Pneumatically operated hydraulic press. 2,548,784, Apr. 10.
Hansen, William A., Seattle, Wash. Fish lure hook up. 2,572,616, Oct. 23.
Hansen, William C., Milwaukee, Wis. Storm sash ventilating assemblage. 2,559,535, July 3.
Hansen, William W.: *See*—
Bloch, Felix, and Hansen.
Hansen, William W., Garden City, N. Y., assignor, to The Sperry Corporation. High-frequency electron tube structure. 2,544,680, Mar. 13.
Hansen, William W., Stanford University, Calif., assignor to The Sperry Corporation. High-frequency electron discharge device. 2,556,181, June 12.
Hansen, William W., Stanford University, Calif., assignor to The Sperry Corporation. Scanning antenna system. 2,571,129, Oct. 16.
Hansen, William W., and J. R. Woodyard, Garden City, N. Y., assignors to The Sperry Corporation. Radar system test equipment. 2,539,511, Jan. 30.
Hansen, William W., and J. R. Woodyard, Garden City, assignors to The Sperry Corporation, Great Neck, N. Y. High-frequency electron tube structure. 2,544,679, Mar. 13.
Hansen, William W., Stanford University, and J. R. Woodyard, Berkeley, Calif., assignors to The Sperry Corporation. High-frequency impedance transformer. 2,558,749, July 3.
Hansen, William W., and R. H. Varian, assignors to The Board of Trustees of The Leland Stanford Junior University, Stanford University, Calif. Cavity resonator electron discharge apparatus. 2,578,699, Dec. 18.
Hansgirg, Fritz J., Black Mountain, assignor to North Carolina Magnesium Development Corporation, Asheville, N. C. Continuous process for recovery of magnesium. 2,570,232, Oct. 9.
Hanshaw, Earl T., Birmingham, Ala. Spring-projected fish spear. 2,537,754, Jan. 9.
Hanshaw, Fred, Port Huron, Mich. Fowl picker. 2,578,930, Dec. 18.
Hansley, Virgil L., Niagara Falls, and W. J. P. Hilts, Buffalo, N. Y., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Alkali metal dispersions. 2,579,257, Dec. 18.
Hansman, George A., assignor to Tinnerman Products, Inc., Cleveland, Ohio. Fastener. 2,558,720, July 3.
Hansmann, Paul, Long Prairie, Minn. Tractor hitch. 2,541,356, Feb. 13.
Hanson, Abraham G., Pasadena, Calif. Slidable jaw wrench provided with cam actuated locking means. 2,545,355, Mar. 13.
Hanson, Alfred H., Garrison, N. Y. Combination ladder and hand truck. 2,560,342, July 10.
Hanson, Alfred O., Grand Forks, N. Dak., assignor to the United States of America as represented by the United States Atomic Energy Commission. Device for generating neutrons. 2,576,600, Nov. 27.
Hanson, Bernice E., assignee: *See*—
Hanson, Oscar.
Hanson, Edmond C., assignee: *See*—
Hanson, Oscar.
Hanson, Edward, Cleveland, assignor of one-tenth to G. B. Pitts, Cleveland Heights, Ohio. Apparatus for determining the liquid level in a container. 2,547,002, Apr. 3.
Hanson, Edward C., assignor to Protection Equipment Co., Inc., Minneapolis, Minn. Sewer flooding control apparatus. 2,550,924, May 1.
Hanson, Edwin O., Jacksonville, Fla. Drafting instrument. 2,536,743, Jan. 2.
Hanson, Edwin O., St. Paul, and H. R. Gartner, Minneapolis, Minn. Preventing condensation of moisture on refrigerator windows. 2,542,136, Feb. 20.
Hanson, Elmo E., and J. H. Daniel, assignors to The Firestone Tire & Rubber Company, Akron, Ohio. Histogram computer. 2,537,628, Jan. 9.
Hanson, Estyle D., G. E. Henning, and S. M. Martin, Baltimore, Md., assignors to Western Electric Company, Incorporated, New York, N. Y. Take-up apparatus. 2,546,636, Mar. 27.
Hanson, Estyle D., Baltimore, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Apparatus for coiling filaments. 2,561,736, July 24.
Hanson, George, Ottawa, Ontario, Canada. Gun sighting aid. 2,543,848, Mar. 6.
Hanson, George H., Bartlesville, Okla., assignor to Phillips Petroleum Company. Regeneration of alumina-chromia catalyst. 2,546,031, Mar. 20.
Hanson, George H., Bartlesville, Okla., assignor to Phillips Petroleum Company. Liquid-liquid contacting. 2,564,-970, Aug. 21.
Hanson, Harold H., assignee: *See*—
Hanson, Oscar.
Hanson, Hartwig M.: *See*—
Kemp, William W., and Hanson.
Hanson, Henry G., Minneapolis, Minn. Artificial limb. 2,559,017, July 3.
Hanson, Henry H., Tyler, Tex. Convertible crib-pen for babies. 2,553,087, May 15.
Hanson, Henry M., assignor to G. L. Stith, Glendora, Calif. Automatic poultry scalding apparatus. 2,571,032, Oct. 9.
Hanson, Hilmer E., Chicago, Ill. Necktie knot form. 2,560,861, July 17.
Hanson, John A.: *See*—
Wright, John G., Chafin, Sudan, Watkins, and Hanson.
Hanson, Lars, assignor to Carrier Corporation, Syracuse, N. Y. Suction valve for reciprocating compressors. 2,579,667, Dec. 25.
Hanson, Melvin A.: *See*—
Frank, Harry E., and Hanson.
Hanson, Milton E.: *See*—
Caulfield, Joseph R., and Hanson.
Hanson, Olaf M., Chicago, and C. B. Linn, Riverside, assignors to Universal Oil Products Company, Chicago, Ill. Concentrating hydrogen fluoride. 2,568,889, Sept. 25.
Hanson, Oliver D., Jr., Denver, Colo. Closure cap for fuel tanks. 2,570,550, Oct. 9.
Hanson, Oscar, Portland, Oreg., assignor of four-sixths to H. H. and E. C. Hanson, Flaxville, Mont., B. E. Hanson, Portland, Oreg., M. J. Dietrich, Pasco, and D. W. Ley, Kennewich, Wash., jointly, one-sixth to E. J. Hyche and one-sixth to N. B. Ludowese, Portland, Oreg. Safety cigarette lighter for motor vehicles. 2,572,475, Oct. 23.
Hanson, Paul L., and E. H. Fletcher, Waterloo, assignors to Deere Manufacturing Co., Dubuque, Iowa. Fluid line coupling for hydraulic control systems. 2,578,542, Dec. 11.
Hanson, Ray, assignee: *See*—
Hanson, Raymond A.
Hanson, Raymond A., assignor of one-third to Ray Hanson, Palouse, Wash. Leveling device. 2,564,202, Aug. 14.
Hanson, Robert C., Connellsville, Pa., assignor to Anchor Hocking Glass Corporation, Lancaster, Ohio. Closure cap and package. 2,562,548, July 31.
Hanson, Robert C., Minneapolis, Minn. Gun-carrying case. 2,542,667, Feb. 20.
Hanson, Russell O., New London, Conn., assignor to the United States of America as represented by the Secretary of the Navy. Listening amplifier. 2,569,930, Oct. 2.
Hanson Scale Company, assignee: *See*—
Hanssen, Stan B.
Hanson, Sigurd A., Los Angeles, Calif. Clothes rack. 2,542,137, Feb. 20.
Hanson-Van Winkle-Munning Company, assignee: *See*—
Brown, Oliver J., Jr.
Hanson, Victor G., Lynbrook, N. Y., assignor to International Cigar Machinery Company. Wrapper transfer. 2,568,067, Sept. 18.
Hanson, Walter J., Port Chester, N. Y., and A. G. Russell, assignors to Pitney-Bowes, Inc., Stamford, Conn. Postage printing die protection means. 2,568,624, Sept. 25.
Hanson, Wayne, assignee: *See*—
Truesdell, Robert S.
Hanson, William J., and J. M. Dunham, Long Beach, Calif., assignors to The Dow Chemical Company, Midland, Mich. Herbicide sprays. 2,571,712, Oct. 16.
Hanson, William J.: *See*—
Christensen, Manford E., and Hanson.
Hansen, William W., Stanford University, Calif., assignor to The Sperry Corporation, Great Neck, N. Y. Impedance transformer for concentric lines. 2,562,909, Aug. 7.
Hanssen, Albert J., Tulsa, Okla., assignor to Black, Sivalls & Bryson, Inc., Kansas City, Mo. Pressure regulator. 2,557,187, June 19.
Hanssen, Stan B., Kenilworth, assignor to Hanson Scale Company, Chicago, Ill. Spring scale adjustment means. 2,564,361, Aug. 14.
Hansson, Bror O. N., Angby, assignor to Allmanna Svenska Elektriska Aktiebolaget, Vasteras, Sweden. Flanged container for electric condensers. 2,545,661, Mar. 20.
Hansson, Bror O. N., Angby, assignor to Allmanna Svenska Elektriska Aktiebolaget, Vasteras, Sweden. Electric condenser. 2,569,306, Sept. 25.
Hansson, Erik O. H., assignor to Aktiebolaget Elecktrolux, Stockholm, Sweden. Kitchen machine. 2,551,670, May 8.

Hanthorn, Charles C., Philadelphia, Pa. Selective mixing device for fluid systems. 2,551,738, May 8.
Hanzalek, William V., New York, N. Y., assignor to Wright Aeronautical Corporation. Double air-swirl baffle construction for fuel burners. 2,560,223, July 10.
Hanze, Arthur R.: *See*—
Weisblat, David I., and Hanze.
Weisblat, David I., Magerlein, and Hanze.
Weisblat, David I., Magerlein, Hanze and Rolfson.
Haon, Harry J., assignor to E. I. du Pont de Nemours and Company, Wilmington, Del. Chlorinated ethylene polymer coating compositions. 2,562,119, July 24.
Hapman, Hannah J., assignee: *See*—
Hapman, Henry W.
Hapman, Henry W., assignor, by mesne assignments, of sixty per cent to H. W. Hapman and forty per cent to H. J. Hapman, Detroit, Mich. Conveyer vibrator. 2,547,462, Apr. 3.
Hapman, Henry W., assignor, by mesne assignments, of sixty per cent to H. W. Hapman and forty per cent to H. J. Hapman, Detroit, Mich. Conveyer element structure. 2,555,338, June 5.
Hapman, Henry W., assignor, by mesne assignments, of forty per cent to H. J. Hapman, Detroit, Mich. Pusher conveyor structure. 2,556,182, Jan. 12.
Hapman, Henry W., assignor, by mesne assignments, of forty per cent to H. J. Hapman, Detroit, Mich. Flight conveyor pressure sealing device. 2,556,183, June 12.
Hapman, Henry W., assignor, by mesne assignments, of forty per cent to H. J. Hapman, Detroit, Mich. Conveyer and drive chain. 2,557,963, June 26.
Hapman, Henry W., assignor of forty per cent to H. J. Hapman, Detroit, Mich. Apparatus for conditioning, cleaning, and circulating cooling liquids. 2,559,614, July 10.
Hapman, Henry W., assignor, by mesne assignments, of forty per cent to H. J. Hapman, Detroit, Mich. Conveyer bucket. 2,559,615, July 10.
Hapman, Henry W., assignor of forty per cent to H. J. Hapman, Detroit, Mich. Pressure-sealing apparatus for flight conveyers. 2,559,616, July 10.
Hapman, Henry W., Detroit, Mich., assignor, by mesne assignments, of 40 per cent to H. J. Hapman. Self-sealing conveyor construction. 2,564,599, Aug. 14.
Hapman, Henry W., assignor, by mesne assignments, of forty per cent to H. J. Hapman, Detroit, Mich. Sealed flight conveyer. 2,564,688, Aug. 21.
Hapman, Henry W., assignor of forty per cent to H. J. Hapman, Detroit, Mich. Flight conveyer. 2,571,444, Oct. 16.
Hapman, Henry W., assignor, by mesne assignments, of forty per cent to H. J. Hapman, Detroit, Mich. Sludge removing system. 2,573,905, Nov. 6.
Happel, William E.: *See*—
Hollengreen, Milburn A., and Happel.
Haracz, Leocadia S., Clifton, N. J. Automotive antiskid device. 2,559,425, July 3.
Harada, Henry H., Grand Blanc, assignor to General Motors Corporation, Detroit, Mich. Resetting device. 2,547,751, Apr. 3.
Harasty, Viktor, Whitestone, N. Y. Boat fender. 2,543,404, Feb. 27.
Harasty, Viktor, Whitestone, N. Y. Foldable boat construction. 2,545,084, Mar. 13.
Harbaugh, Lloyd J.: *See*—
Goldis, Jerome D., and Harbaugh.
Harbaugh, Walter, Indianapolis, Ind. Hydraulic crane with telescopic mast. 2,537,755, Jan. 9.
Harbaugh, Willis E.: *See*—
Garner, Lloyd P., Parker, and Harbaugh.
Harbaugh, Willis E., Bareville, Pa., assignor to Radio Corporation of America. Nondeforming laminated electrode support and electron discharge device. 2,570,121, Oct. 2.
Harber, Joseph N., Jr., Seminole, Okla. Machine tool for engine bearings. 2,569,238, Sept. 25.
Harbers, Henry C.: *See*—
Cook, Howard F., and Harbers.
Harbison, George C., Erie, Pa., assignor to General Electric Company. Drip collecting arrangement for refrigerators. 2,555,968, June 5.
Harbison, George C., Erie, Pa., assignor to General Electric Company. Removable shelf. 2,564,478, Aug. 14.
Harbison, George C., Erie, Pa., General Electric Company. Calibrating means for control devices. 2,573,437, Oct. 30.
Harbison, Lawrence E., Berkeley, Calif. Plunger-type fountain pen. 2,572,476, Oct. 23.
Harbison, Lynn, Akron, Ohio, assignor to Phillips Petroleum Company. Production of rubber products. 2,546,446, Mar. 27.
Harbison, Lynn, Akron, Ohio, assignor to Phillips Petroleum Company. Production of rubber products. 2,565,812, Aug. 28.
Harby, Harold D., Los Angeles, Calif. Helicopter rotor control. 2,573,016, Oct. 30.
Harcharck, Joseph M., Upper Darby, Pa. Electrical plug receptacle for remote control of loads. 2,565,075, Aug. 21.
Harcourt, George T., Detroit, Mich. Pressure pad for riveting machines. 2,539,419, Jan. 30.
Harcourt, George T., Detroit, Mich., assignor to Chicago Pneumatic Tool Company, New York, N. Y. Riveting machine for car roof construction. 2,559,248, July 3.
Harcourt, William M., Gerrards Cross, assignor to Denham Laboratories Limited, Denham, Uxbridge, England. Manufacture of composite photographic or cinematographic pictures. 2,575,270, Nov. 13.
Hård af Segerstad, Carl G., assignor to Sandvikens Jernverks Aktiebolag, Sandviken, Sweden. Pneumatic gauge for measuring dimensions or forces. 2,576,221, Nov. 27.
Hardacre, William, Bradley, near Keighley, E. Beaumont, Great Horton, Bradford, and H. B. Merriman, Coventry, assignors to Courtaulds Limited, London, England. Drawing, twisting, doubling, and spinning machinery. 2,556,919, June 12.
Harden, Gail D., East Chicago, Ind., and W. J. Curry, Lynbrook, N. Y., assignors to Shell Development Company, San Francisco, Calif. Inhibition of corrosion. 2,550,997, May 1.
Harden, Harvey E., Prescott, Ariz. Grille guard for automobiles. 2,572,477, Oct. 23.
Harder, Clarence L.: *See*—
Reichel, Frank H., and Harder.
Harder, Edwin L.: *See*—
Bergvall, Royal C., and Harder.
Harder, Edwin L., Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Transmission system protection by microwave relaying. 2,558,085, June 26.
Harder, George W., Louisville, Ky. Boat carrier for automobiles. 2,561,199, July 17.
Hardesty, Ann C., administratrix: *See*—
Hardesty, Eugene.
Hardesty Chemical Co., Inc., assignee: *See*—
Scheer, Walter E.
Hardesty, Eugene, deceased, New Brighton, Pa., by Ann C. Hardesty, administrator, New Brighton, Pa. Forming ceramic articles. 2,539,245, Jan. 23.
Hardesty, Eugene, deceased, New Brighton, Pa.; A. C. Hardesty, administratrix. Firing ceramic articles and apparatus therefor. 2,550,147, Apr. 24.
Hardey, Edwin F., Kansas City, Mo. Razor blade holder. 2,572,261, Oct. 23.
Hardgrove, Ralph M.: *See*—
Bailey, Ervin G., and Hardgrove.
Ebbets, George D., and Hardgrove.
Hardgrove, Ralph M., Westfield, assignor to The Babcox & Wilcox Company, Rockleigh, N. J. Steam generator. 2,550,066, Apr. 24.
Hardie, George C., Brooklyn, N. Y. Expansion joint. 2,551,325, May 1.
Hardigg, George W., Swathmore, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Apparatus for measuring rotor blade vibration. 2,575,710, Nov. 20.
Hardin, Harry L., Charlotte, N. C. Support for rearview mirrors. 2,545,777, Mar. 20.
Hardin, Joseph O., Jr., Shelby, N. C. Front wheel mounting for tractors. 2,561,114, July 17.
Hardin, William A., Copperhill, Tenn., assignor to Tennessee Copper Company, New York, N. Y. Sintering apparatus. 2,574,388, Nov. 6.
Hardin, William E., Lexington, Ky. Syringe hydrometer. 2,537,825, Jan. 9.
Harding, George D., Syracuse, N. Y., and R. W. Barker, Pittsfield, Mass., assignors to General Electric Company. Cable testing set. 2,565,307, Aug. 21.
Harding, Gordon F.: *See*—
Drewitt, James G. N., and Harding.
Harding, Grant, assignor to Ex-Cell-O Corporation, Detroit, Mich. Spindle positioning device. 2,537,269, Jan. 9.
Harding, Hiram R., Baltimore, assignor of fifty per cent to H. E. Karr, Baltimore County, Md., and twenty-five per cent to L. C. Harding, Hopewell, Va. Flareless tube and pipe coupling. 2,540,368, Feb. 6.
Harding, Hiram R., Baltimore, assignor of fifty per cent to H. E. Karr, Baltimore County, Md., and twenty-five per cent to L. C. Harding, Hopewell, Va. Tube and pipe fitting. 2,547,318, Apr. 3.
Harding, Hiram R., Baltimore, Md. Combined spigot washer and contracting liner. 2,569,471, Oct. 2.
Harding, Hiram R., Baltimore, assignor of fifty per cent to H. E. Karr, Baltimore County, Md., and twenty-five per cent to L. C. Harding, Hopewell, Va. Pressure stop nut. 2,569,989, Oct. 2.
Harding, Lloyd V., Detroit, assignor to Le Maire Tool & Manufacturing Company, Dearborn, Mich. Multiple position spool valve for machine tools. 2,550,148, Apr. 24.
Harding, Logan C., assignee: *See*—
Harding, Hiram R.
Harding, Roy F., Charlo, Mont. Stanchion. 2,547,319, Apr. 3.
Harding, Tom, Little Rock, Ark. Reducing fire danger in hotels and the like. 2,564,971, Aug. 21.
Hardinge Brothers, Inc., assignee: *See*—
Evans, Leigh R.
Hardinge, Harlowe.
Lundy, Henry A.
O'Connell, James R.
Hardinge, Harlowe, assignor to Hardinge Company, Inc., York, Pa. Classifier. 2,577,754, Dec. 11.
Hardman Tool & Engineering Co., assignee: *See*—
Long, Carl E.
Hardt, John, Lachine, Quebec, Canada. Vegetable paring machine. 2,569,607, Oct. 2.
Hardwick, Christopher L., Cleveland, Tenn. Oven door. 2,547,117, Apr. 3.

Hardwick, Christopher L., Cleveland, Tenn. Stove door frame and door. 2,552,373, May 8.
Hardwick-Hindle, Inc., assignee: *See*—
Winckler, Robert H.
Hardwicke-Etter Company, assignee: *See*—
Streun, John A.
Hardy, Arthur C., Wellesley, Mass., assignor to Interchemical Corporation, New York, N. Y. Photometric apparatus. 2,562,910, Aug. 7.
Hardy, Charles F., Mitcham, England. Hair winding device. 2,553,411, May 15.
Hardy, Charles H., Los Angeles, Calif. Handle bar supported seat for velocipedes. 2,563,679, Aug. 7.
Hardy, Charles R.: *See*—
Honey, Eric M. O., and Hardy.
Hardy, Derek J., Cowes, Isle-of-Wight, assignor to Saunders-Roe Limited, Osborne, England. Window for pressurized chambers. 2,575,757, Nov. 20.
Hardy, Edgar E., Anniston, Ala., assignor to Monsanto Chemical Company, St. Louis, Mo. Chlorinated aromatic dielectric with scavenger. 2,566,196, Aug. 28.
Hardy, Edgar E., and R. J. Slocombe, Anniston, Ala., assignors to Monsanto Chemical Company, St. Louis, Mo. Dielectric composition of halogenated aromatic compound and aluminum isopropylate as a corrosion inhibitor. 2,566,195, Aug. 28.
Hardy, Frederick J.: *See*—
Evernden, Harold I. F., and Hardy
Hardy, Gordon W., Euclid, Ohio. Hydraulic steering mechanism. 2,539,018, Jan. 23.
Hardy, James M., assignee: *See*—
Springsteen, Luther W.
Hardy, James A., assignor to Schwitzer-Cummins Company, Indianapolis, Ind. Vibration damper. 2,556,999, June 12.
Hardy, Le Roy R., Alvin, Tex. Cycle light switch. 2,545,085, Mar. 13.
Hardy, Paul E.: *See*—
Leyonmark, George F., and Hardy.
Sparks, William J., and Hardy.
Hardy, Peter S., Bridgeport, Conn. Automobile traction device. 2,577,890, Dec. 11.
Hardy, Peter S., Bridgeport, Conn. Elevating traveling conveyer. 2,577,891, Dec. 11.
Hardy, William B., Bound Brook, N. J., assignor to American Cyanamid Company, New York, N. Y. Leuco sulfuric ester of gray vat dye. 2,540,783, Feb. 6.
Hardy, Vaughn H.: *See*—
Sullivan, Raymond H., Hardy, and Porter.
Hare, Donald G. C., Clemson, S. C., assignor to Deering Milliken Research Trust, New York, N. Y. Dielectric heating system. 2,562,911, Aug. 7.
Hare, Donald G. C., Greenvale, N. Y., assignor to the United States of America as represented by the Secretary of War. Radio-frequency transponder. 2,577,520, Dec. 4.
Hare, Donald G. C., Stamford, assignor to Magnetic Equipment, Inc., Greenwich, Conn. Precision mount for magnetic recording-reproducing heads. 2,560,569, July 17.
Hare, Donald G. C., Stamford, assignor to Magnetic Equipment, Inc., Greenwich, Conn. Magnetic recording head, including a device for adjusting the gap width. 2,561,365, July 24.
Hare, Donald G. C., Stamford, Conn. Precision driving system. 2,577,190, Dec. 4.
Hare, N. S., assignee: *See*—
Nolan, Duncan.
Hare, Rose M., Emsworth, Pa. Basic dress pattern sheet. 2,568,805, Sept. 25.
Haren, Urban C., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Manufacture of composite sheet material. 2,540,201, Feb. 6.
Haren, Urban C., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Apparatus for cutting sheet material. 2,552,674, May 15.
Hare, Wilfred A., Windsor, Ontario, Canada. Stoker control. 2,574,032, Nov. 6.
Haren, Urban C., and C. W. Leguillon, Akron, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y. Method and apparatus for making endless belts. 2,565,684, Aug. 28.
Hargis, Arnold E., Portland, Oreg. Disappearing clearance light for truck bodies. 2,571,130, Oct. 16.
Hargreaves, Thomas F. S.: *See*—
Terry, Victor J., and Hargreaves.
Terry, Victor J., Hargreaves, and Gould.
Hargreaves, Thomas F. S., and W. F. Gould, London, England, assignors to International Standard Electric Corporation, New York, N. Y. Alternating-current signaling system. 2,577,755, Dec. 11.
Hargreaves, Wilfrid, Vancouver, British Columbia, Canada. Sterilizer test device. 2,579,738, Dec. 25.
Harig, Rudolph C., Algona, Iowa. Carrier attachment for tractors. 2,560,570, July 17.
Haringhuizen, Pieter J., Geleen, assignor to De Directie van Staatsmijnen in Limburg, Heerlen, Netherlands. Preparation of krypton-rich gases. 2,545,778, Mar. 20.
Har-Jo Industrial Research Corporation, assignee: *See*—
Husted, William D.
Har-Jo Research Corporation, assignee: *See*—
Husted, Harry F.
Harkenrider, Robert J., Cleveland, Ohio, assignor to Allied Chemical & Dye Corporation. Apparatus for feeding material at a predetermined rate. 2,544,155, Mar. 6.
Harker, David, Schenectady, N. Y., assignor to General Electric Company. X-ray spectrometer. 2,540,821, Feb. 6.
Harkins, Edward F.: *See*—
Heyworth, James E., and Harkins.
Harkins, George T., Wichita, Kans., assignor to Miro-Flex Company, Inc. Signal flare. 2,536,177, Jan. 2.
Harkins, Thomas A., Los Angeles, Calif. Slitter device for wire insulation or the like. 2,538,453, Jan. 16.
Harkness, Frank B., Louisville, Ky. Device for graphically representing flood conditions. 2,550,692, May 1.
Harkness, Roy W., Miami, Fla., assignor to Houdry Process Corporation, Wilmington, Del. Hydrocarbon conversion. 2,565,498, Aug. 28.
Harks, Walter M., assignor to Bowser, Inc., Fort Wayne, Ind. Hose retrieving mechanism. 2,564,623, Aug. 14.
Harlan, Avery S., assignor to Honan-Crane Corporation, Lebanon, Ind. Oil filter. 2,543,165, Feb. 27.
Harlan, James T., Jr.: *See*—
Liedholm, George E., and Harlan.
Harlan, John L., Houston, Tex., assignor to Standard Oil Development Company. Nitrogenous derivatives of petroleum sulfonic acids. 2,559,503, July 3.
Harlan, Kenneth C., Indianapolis, Ind., assignor to The Marquette Metal Products Company, Cleveland, Ohio. Spring clutch and energizing means. 2,551,739, May 8.
Harland, Philip W., Quakertown, Pa., assignor to American Machine and Metals, Inc., New York, N. Y. Pressure-indicating gauge closing switches at selected pressures. 2,540,444, Feb. 6.
Harlem Hospital Surgical Research Fund, Inc., assignee: *See*—
Wright, Louis T.
Harles, Martin M., St. Louis, Mo. Adjustable work board for armed chairs. 2,555,130, May 29.
Harley, Alfred H., assignor to Harley Machine Company, Inc., Watertown, N. Y. Tape former apparatus. 2,578,473, Dec. 11.
Harley-Davidson Motor Co., assignee: *See*—
Harley, William J.
Harley, Earle L., Brooklyn, N. Y. Machine for and method of registering printing plates. 2,561,115, July 17.
Harley, Frank B., assignor to Aerolex Limited, Camberley, England. Detachable connector. 2,567,069, Sept. 4.
Harley, John B., Valley Stream, N. Y., and J. G. Nordahl, Summit, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Multifrequency combined radio transmitter and receiver. 2,539,537, Jan. 30.
Harley, Joseph J., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Cable lashing machine. 2,544,313, Mar. 6.
Harley, Louis M., Detroit, Mich. Injection apparatus. 2,540,445, Feb. 6.
Harley Machine Company, Inc., assignee: *See*—
Harley, Alfred H.
Harley, Tom, Jr., assignee: *See*—
Feist, Samuel R.
Harley, William J., assignor to Harley-Davidson Motor Co., Milwaukee, Wis. Motorcycle rear bumper, fender, and stand assembly. 2,574,739, Nov. 13.
Harling, John W., London, England, assignor to International Standard Electric Corporation, New York, N. Y. Circuit, including negative resistance device. 2,565,497, Aug. 28.
Harlow, Earl V., Nutley, N. J., assignor to Koppers Company, Inc., Pittsburgh, Pa. Removing carbon from catalyst. 2,548,883, Apr. 17.
Harlow, Samuel L., Jr., Memphis, Tenn., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Expander roll. 2,560,039, July 10.
Harlow, Virginia M., New York, N. Y. Frame for assisting in designing and measuring lamp shades. 2,575,625, Nov. 20.
Harman, Denham: *See*—
Lacomblé, Antoine E., Harman, and Vaughan.
Harman, Denham, and W. E. Vaughan, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Sulfurized product and preparation thereof. 2,536,684, Jan. 2.
Harman Denham, and W. E. Vaughan, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Synthetic lubricant. 2,536,685, Jan. 2.
Harman, Denham, and G. L. Perry, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Lubricating composition. 2,562,144, July 24.
Harman, Denham, and W. E. Vaughan, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Preparation of saturated sulfur-containing heterocyclic compounds. 2,562,145, July 24.
Harman, Denham, Berkeley, R. E. Thorpe, San Francisco, and S. K. Talley, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Soluble metal-working lubricant. 2,562,844, July 31.
Harman, Denham, Berkeley, and R. E. Thorpe, Castro Valley, assignors to Shell Development Company, San Francisco, Calif. Lubricant composition containing dialkyl trihaloalkane phosphonate as an extreme pressure agent. 2,573,568, Oct. 30.

Harman, Gerald J., Los Angeles, Calif. Receptacle and closure therefor for aircraft refueling apparatus. 2,546,892, Mar. 27.
Harman, Marion W., Nitro, W. Va., assignor to Monsanto Chemical Company, St. Louis, Mo. Production of formaldehyde condensation products of mercapto thiazolines. 2,553,190, May 15.
Harman, Walter H.: *See*—
Bianchi, Ambrose, and Harman.
Harmanson, Ernest C., Portland, Oreg. Boat trailer and hoisting mechanism therefor. 2,571,361, Oct. 16.
Harmes, Oren B.: *See*—
Livingston, Francis G., and Harmes.
Harmison, Charles R.: *See*—
Singher, Heron O., and Harmison.
Harmon, Carlyle: *See*—
Salvesen, Jörgen R., and Harmon.
Harmon, Cline H., assignor to Waterloo Foundry Company, Waterloo, Iowa. Footrest. 2,546,394, Mar. 27.
Harmon, David L., Indianapolis, Ind. Hoist for removing and installing springs on buses, trucks, and the like. 2,571,572, Oct. 16.
Harmon, Edward B., assignor to The Parker Pen Company, Janesville, Wis. Fountain pen desk set. 2,561,923, July 24.
Harmon, Herbert B.: *See*—
Lindner, Arthur E., Harmon, and Robinson.
Harmon, Homer E., Arlington Heights, assignor to The Fleischer Mills, Inc., Cincinnati, Ohio. Cover for garment hangers. 2,539,621, Jan. 30.
Harmon, James E., Wellford, assignor of fifty per cent to J. W. McSwain, Spartanburg, S. C. Inertia operated circuit breaker. 2,553,708, May 22.
Harmon, Jesse, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Polyfluorinated compounds. Re. 23,425, Oct. 30.
Harmon, Kenneth A., Longmeadow, assignor to Wico Electric Company, West Springfield, Mass. Brake-holder control mechanism. 2,573,196, Oct. 30.
Harmon, Kenneth A., Longmeadow, and G. A. Guernsey, assignors to Wico Electric Company, West Springfield, Mass. Control mechanism for the brake holders of automotive vehicles. 2,577,680, Dec. 4.
Harmon Machine Company, Inc., assignee: *See*—
Bodge, Walter A.
Harmon, Nathan P.: *See*—
Leece, John B., and Harmon.
Harmon, Robert R., assignor to Southern Welding & Machine Company, Charlottesville, Va. Wool oiling system. 2,560,949, July 17.
Harnack, Vernon L., Munster, Ind., and W. F. Bronson, Chicago, Ill., assignors to Wilson & Co., Inc. Comminuted collagen product. 2,557,871, June 19.
Harney, Bernard C., assignor to Lipe-Rollway Corporation, Syracuse, N. Y. Bar feed mechanism for machine tools. 2,548,785, Apr. 10.
Harney, Bernard C., assignor to Lipe-Rollway Corporation, Syracuse, N. Y. Breech-loading bar feed mechanism. 2,548,786, Apr. 10.
Harnischfeger Corporation, assignee: *See*—
Jacobs, Henry S.
Hettelsater, Henry C., and Gavin.
Harold, Edwin P., Menasha, Wis. Pen or pencil pocket clip. 2,570,670, Oct. 9.
Harp, Alonzo M., assignor to American Machine and Metals, Inc., New York, N. Y. Dairy barn and poultry house ventilator. 2,552,966, May 15.
Harper, Adolf, Middletown, Conn. Luggage lock. 2,574,033, Nov. 6.
Harper, Frank A., and J. M. Graham, Paulding, Ohio. Continuous feed brake shoe grinding fixture. 2,574,640, Nov. 13.
Harper, J. Frank, assignee: *See*—
Ruskowsky, August W.
Harper, Kennard W., Buffalo, N. Y., assignor to America Optical Company, Southbridge, Mass. Slide carrier for still projectors. 2,537,584, Jan. 9.
Harper, Lyndus E., Chicago, Ill. Revolution counter casing. 2,541,161, Feb. 13.
Harper, Lyndus E., Chicago, Ill., assignor to Omega Machine Company, Providence, R. I. Housed gas supply with gas weighing means. 2,552,783, May 15.
Harper, Martin, Woodford Green, England. Cinematographic projector for use with different width films. 2,536,807, Jan. 2.
Harper, Robert N., Danville, Va. Dental prosthesis and device. 2,567,810, Sept. 11.
Harper, Thomas C., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Protective covering to prevent ice accumulations. 2,560,287, July 10.
Harper, Wallace H.: *See*—
Raymond, Winthrop H., and Harper.
Harper, Wesley A., assignor to National Farm Machinery Cooperative, Inc., Bellevue, Ohio. Cultivator. 2,542,195, Feb. 20.
Harper, William, Montreal, Quebec, Canada. Crankcase for internal-combustion engines. 2,539,132, Jan. 23.
Harper-Wyman Company, assignee: *See*—
Lamar, Charles C., and Peterson.
Harpman, Webster B., assignee: *See*—
Vogelsang, William E.

Harpman, Webster B., Youngstown, Ohio. Magnetized grounding electrode. 2,568,068, Sept. 18.
Harpster, Tom L., Houston, Tex. Low bed trailer unit. 2,568,283, Sept. 18.
Harpt, Ralph E.: *See*—
Christenson, Roger M., and Harpt.
Harr, Herman H., Verona, N. J. Dispensing faucet. 2,578,543, Dec. 11.
Harr, Jesse, South Orange, N. J. Multiple liquid dispensing valve. 2,578,544, Dec. 11.
Harrah, Forrest A., Pendleton, Oreg. Aircraft hangar. 2,556,617, June 12.
Harrah, George D., assignor to The Oyler Motor Transit Company, Canton, Ohio. Stabilizer for trailer bogies. 2,552,483, May 8.
Harrah, John L., Erie, Pa. Piston and piston packing. 2,579,115, Dec. 18.
Harrel, Chastain G., and R. O. Brown, assignors to Pillsbury Mills, Inc., Minneapolis, Minn. Producing a stabilizing ingredient for food products. 2,574,179, Nov. 6.
Harrell, Oliver A., Little Rock, Ark. Hair waving mechanism. 2,542,514, Feb. 20.
Harrelson, Walter N., Spartanburg, S. C. Remote control for vehicular combustion engines. 2,544,955, Mar. 13.
Harrenstein, Jacob, Forreston, Ill. Bumper and screen plate combination for rotary hammer mills. 2,543,164, Feb. 27.
Harrer, Paul H., La Porte, Ind., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Fastening crank to reel tooth bar tube. 2,549,086, Apr. 17.
Harrigan, William, Rutherford, N. J., assignor to Chieftain Industries, Inc., New York, N. Y. Grease pump with high-pressure pulsating means. 2,566,702, Sept. 4
Harriman, Benjamin R.: *See*—
Mueller, Fritz W. H., and Harriman.
Harriman, Charles H., and W. H. Oscanyan, Newberg, Oreg. Oil burner lighter. 2,574,968, Nov. 13.
Harrington, Bertie S., assignor to Armour and Company, Chicago, Ill. Apparatus for manufacturing cheese and the like. 2,536,054, Jan. 2.
Harrington, Bertie S., assignor to Armour and Company, Chicago, Ill. Incorporating solid fat in liquid fatty mixtures. 2,546,502, Mar. 27.
Harrington, Bertie S., assignor to Armour and Company, Chicago, Ill. Cutting apparatus. 2,561,274, July 17.
Harrington, Ferris T., assignor to Vickers Incorporated, Detroit, Mich. Pump control. 2,570,342, Oct. 9.
Harrington, Ferris T., and J. A. Martin, Detroit, G. R. Elliott, Ferndale, and L. W. Haisen, Royal Oak, assignors, to Vickers Incorporated, Detroit, Mich. Power transmission. 2,544,990, Mar. 13.
Harrington, Gerard A., Baltimore, Md. Sound recording and reproducing machine. 2,538,452, Jan. 16.
Harrington, John A., Minneapolis, Minn. Metal powder feed mechanism. 2,550,653, Apr. 24.
Harrington, Michael J., Cleveland, Ohio, and S. E. Hammer, Eagleville, Pa. Apparatus for opening and filling bags. 2,540,615, Feb. 6.
Harrington, Richards H., Schenectady, N. Y., assignor to General Electric Company. Stress-aging process. 2,550,474, Apr. 24.
Harrington, Richards H., Schenectady, N. Y., assignor to General Electric Company. Aluminum alloy. 2,572,562, Oct. 23.
Harrington, Thomas T., Berkeley, Calif. Color television. 2,577,756, Dec. 11.
Harrington, Walter R., Rising Sun, Md. Welding helmet. 2,544,457, Mar. 6.
Harris, Albert S., Fort Wayne, Ind., assignor, by mesne assignments, to Farnsworth Research Corporation. Diode counter circuit. 2,541,052, Feb. 13.
Harris, Albert S., Fort Wayne, Ind., assignor, by mesne assignments, to Farnsworth Research Corporation. Sweep circuit. 2,571,131, Oct. 16.
Harris, Alexander, Scobeyville, A. H. Aronson, South Orange, and R. L. Burchett, East Orange, assignors to Ronson Art Metal Works, Inc., Newark, N. J. Cigar lighter. 2,577,122, Dec. 4.
Harris, Alfred S.: *See*—
Harrold, Charles W., and Harris.
Harris, Arch W., Euclid, Ohio, assignor to The American Steel and Wire Company of New Jersey. Tin coating ferrous metal articles and bath therefor. 2,543,365, Feb. 27.
Harris, Arch W., Euclid, Ohio, assignor to The American Steel and Wire Company of New Jersey. Drawing fine steel wire. 2,546,447, Mar. 27.
Harris, Benjamin R., and M. H. Joffe, assignors to The Emulsol Corporation, Chicago, Ill. Nut butters. 2,560,509, July 10.
Harris, Carl, Aurora, Ind. Trailer for burial vault handling. 2,562,189, July 31.
Harris, Carl, Cicero, Ill. Side rail connection for bedsteads. 2,575,271, Nov. 13.
Harris, Cecil P., Bessemer, Ala. Compressed air jack with safety latch. 2,562,493, July 31.
Harris, Charles F., Chicago, Ill. Coin changer for vending machines. 2,555,486, June 5.
Harris, Charles M., Jr.: *See*—
Zeigler, Albert H., and Harris.

Harris, Charles W., Prescott, Ariz. Latching device for crates. 2,548,367, Apr. 10.
Harris, Columbus W.: *See*—
Egly, William D., and Harris.
Harris, D. P., Hdw. & Mfg. Co., Inc., assignee: *See*—
Abel, Jack.
Parton, Charles H.
Harris, Dale E., Sanger, Calif. Heater for lubricants. 2,560,795, July 17.
Harris, Dwight E., Stamford, assignor to The Skinner Chuck Company, Norwalk, Conn. Electromagnetically operated valve structure. 2,547,390, Apr. 3.
Harris, Dwight E., Stamford, assignor to The Skinner Chuck Company, Norwalk, Conn. Rapid closure valve for high-flow rates at low-pressure drop. 2,575,272, Nov. 13.
Harris, Edward P., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Flexible sealing strip. 2,579,072, Dec. 18.
Harris, Eula E., Greenwich, Conn. Special package for frozen uncooked pie crusts. 2,555,033, May 29.
Harris, Forest K.: *See*—
Peters, Chauncey G., and Harris.
Harris, Franklin H.: *See*—
Haeff, Andrew V., and Harris.
Harris, Franklin H., Jr., U. S. Navy. Automatic gain control for pulse amplifiers. 2,570,233, Oct. 9.
Harris, Frederic R., Inc., assignee: *See*—
Engstrand, Gunnar C.
Harris, Garrett H., Jackson, Miss. Motor guide. 2,545,086, Mar. 13.
Harris, George H., and C. R. Riley, assignors, by mesne assignments, to Makmoroom Limited, Walsall, England. Folding extension table sectional top. 2,536,366, Jan. 2.
Harris, George J.: *See*—
Allenby, Owen C. W., and Harris.
Harris, George W., assignor of one-half to J. J. Konecny, Drain, Oreg. Animated toy vehicle. 2,576,398, Nov. 27.
Harris, Harlan N., Pasadena, Calif. Over-center mechanism. 2,551,671, May 8.
Harris, Herbert H., Sacramento, Calif. Dispenser for toilet paper. 2,546,597, Mar. 27.
Harris, Herbert, Jr.: *See*—
Knowles, Richard C., White, Harris, Nagy, and Hammond.
Harris, Herbert, Jr., Cedarhurst, N. Y., assignor to The Sperry Corporation. Computer apparatus. 2,546,156, Mar. 27.
Harris, Herschel G., New York, and E. S. Davis, Hopewell Junction, assignors to New York Rubber Corporation, New York, N. Y. Inflatable mattress for cribs and the like. 2,549,597, Apr. 17.
Harris, I. Henry, Jr., assignee: *See*—
Thacker, Bernard J., Harris, and Newstrom.
Harris, James M., Huntington Park, Calif. Barbecue broiler. 2,556,808, June 12.
Harris, Jay C., Dayton, Ohio, assignor to Monsanto Chemical Company, St. Louis, Mo. Waterproofing of fibrous products. 2,537,667, Jan. 9.
Harris, Jay C., Dayton, Ohio, assignor to Monsanto Chemical Company, St. Louis, Mo. Noncorrosive detergent compositions. 2,550,691, May 1.
Harris, Jay C., Dayton, Ohio, and M. Kosmin, Los Angeles, Calif., assignors to Monsanto Chemical Company. Detergent composition. 2,572,805, Oct. 23.
Harris, John F., assignor to L. F. Reisig, Los Angeles, Calif. Air jack. 2,552,965, May 15.
Harris, John S.: *See*—
Smith, Franklin D., and Harris.
Harris, John S., Richmond Heights, assignor to Monsanto Chemical Company, St. Louis, Mo. Manufacture of tetraethyl pyrophosphate. 2,572,806, Oct. 23.
Harris, John W., assignee: *See*—
Mitchell, Emery A.
Harris, Leonard W., assignor to California Spray-Chemical Corporation, Richmond, Calif. Condensation of aldehydes. 2,572,141, Oct. 23.
Harris, Malcom, Los Angeles, Calif. Apparatus for supporting and coating golf balls. 2,579,073, Dec. 18.
Harris, Marsean E., Mount Vernon, Ill. Button sewing attachment for sewing machines. 2,565,813, Aug. 28.
Harris, Martin D., Paterson, N. J. Prosthetic devices. 2,574,180, Nov. 6.
Harris, Mechell F., Kansas City, Mo. Infant's play pen. 2,553,579, May 22.
Harris, Norman C., assignor to Hillman-Kelley, Los Angeles, Calif. Power-driven, gear-operated, member-holding wrench. 2,556,536, June 12.
Harris, Norman L., Datch End, and R. F. Proctor, Christchurch, England, assignors to M. O. Valve Company Limited. High-frequency electrical resonator. 2,551,672, May 8.
Harris, Paul J., assignor to Rite-Hite Corporation, Portland, Oreg. Bracket for Venetian blinds. 2,568,001, Sept. 18.
Harris, Phil C., Houston, Tex., assignor to Well Surveys, Incorporated, Tulsa, Okla. Capacitative commutator. 2,573,329, Oct. 30.
Harris, Philip W., Milwaukee, Wis. Portable floor construction. 2,570,234, Oct. 9.
Harris Products Company, assignee: *See*—
Bradley, Dan T.
Harris, Richard K., administrator: *See*—
Reynolds, William B., and Cotten.
Harris, Richard M., Putnam Valley, N. Y. Combination desk monitor and receptacle. 2,555,743, June 5.
Harris, Robert A.: *See*—
Anderson, Carl M., Harris, and Patton.
Harris, Robert W., Garden City Park, assignor to The Western Union Telegraph Company, New York, N. Y. Typewriter ribbon rejuvenating device. 2,549,196, Apr. 17.
Harris, Roy W., Covina, Calif. Irrigation control valve. 2,539,076, Jan. 23.
Harris, Samuel, Forest Hills, N. Y. Hinged molding flask for extensive acrylic bridgework. 2,539,740, Jan. 30.
Harris, Samuel B., St. Petersburg, Fla. Magazine pencil. 2,561,509, July 24.
Harris-Seybold Company, assignee: *See*—
Harrold, Charles W.
Harrold, Charles W., and Harris.
Harrold, Charles W., and Woodruff.
Niles, Irving F.
Pritchard, Howard A.
Wood, James R.
Wood, William H.
Harris, Scott C.: *See*—
Thacker, Bernard J., Harris, and Newstrom.
Harris, Sidney A., Flint, Mich. Fuel modifying device for internal-combustion engines. 2,549,598, Apr. 17.
Harris, Stanley E., Waterloo, Iowa. Fluid torque converter. 2,549,308, Apr. 17.
Harris, Stanton A.: *See*—
Hoffman, Dorothea H., Harris, and Folkers.
Harris, Stanton A., Westfield, assignor to Merck & Co., Inc., Rahway, N. J. Esters of 2-benzamido-3-carboxymethylmercapto-propanoic acid. 2,537,892, Jan. 9.
Harris, Stanton A., Westfield, assignor to Merck & Co., Inc., Rahway, N. J. 2-carboalkoxy-3-keto-4-acylamidotetrahydrothiophene. 2,537,893, Jan. 9.
Harris, Stanton A., Westfield, A. N. Wilson, Colonia, and K. Folkers, Plainfield, assignors to Merck & Co., Inc., Rahway, N. J. Substituted nonanoic acids and preparing same. 2,538,096, Jan. 16.
Harris, Stanton A., Westfield, and K. Folkers, Plainfield, assignors to Merck & Co., Inc., Rahway, N. J. Esters of pantothenic acid, intermediates thereof, and their production. 2,557,284, June 19.
Harris, Stanton A., Westfield, R. Mozingo, Elizabeth, G. E. Arth, Rahway, and K. Folkers, Plainfield, assignors to Merck & Co., Inc., Rahway, N. J. Biotin intermediate. 2,571,238, Oct. 16.
Harris, Sterling G., and R. H. Carrington, Beaufort, assignors to The Blue Channel Corporation, Port Royal, S. C. Apparatus for the recovery of crab meat from bony material by gravity liquid separation. 2,545,517, Mar. 20.
Harris, Theodore R., Los Angeles, Calif. Grinding and sharpening machine. 2,540,443, Feb. 6.
Harris, Thomas: *See*—
Davis, Archibald H., Harris, and Swilik.
Harris, Thomas, Birstall, near Leicester, assignor to N. Corah & Sons Limited, Leicester, England. Transfer applying machine. 2,569,631, Oct. 2.
Harris, Thomas J., Columbus, Ohio. Hand-operated electric powered dresser. 2,540,258, Feb. 6.
Harris, Vivian C.: *See*—
Raymond, Gwynne, and Harris.
Harris, Walter D., and D. L. Schoene, Naugatuck, Conn., assignors to United States Rubber Company, New York, N. Y. Preparation of 1,2-dihydropyridazine-3,6-dione. 2,575,954, Nov. 20.
Harris, Walter J.: *See*—
Green, Henry L., Thomas, and Harris.
Harris, Wesley W.: *See*—
O'Neill, Clayton A., Harris, and Guyot.
Harris, William B.: *See*—
Mason, George A., and Harris.
Harris, William B., Bell, Calif. Electric water heater. 2,572,337, Oct. 23.
Harris, William J.: *See*—
Torpy, Thomas J., and Harris.
Harrison, Alban: *See*—
Whitfield, Harold R., and Harrison.
Harrison, Charles: *See*—
Wright, George W., and Harrison.
Harrison, Charles H., assignee: *See*—
Secondi, Raymond G., and Vacheron.
Harrison, Charles P. and C. R., assignors to Harrison Machine Company, Wesleyville, Pa. Core blower. 2,556,618, June 12.
Harrison, Charles R.: *See*—
Harrison, Charles P. and C. R.
Harrison, Dixon A., Joplin, Mo. Barbecue oven having rotatable basket. 2,562,713, July 31.
Harrison, Edwin G., Glen Ellyn, assignor to Ditto, Incorporated, Chicago, Ill. Sheet sorting mechanism. 2,550,245, Apr. 24.
Harrison, Ellis M., Los Angeles, Calif. Magnifying device. 2,541,760, Feb. 13.
Harrison, Frank M., Painesville, Ohio. Market basket. 2,554,025, May 22.
Harrison, Frank M., Painesville, Ohio. Basket stapling and punching machine. 2,554,026, May 22.
Harrison, George: *See*—
Zabel, Henry, Jr., and H. H., and Harrison.

Harrison, George D., assignor of two-thirds to W. F. and T. M. Courtis, and one-third to Courtis Trust, Detroit, Mich. Production of divided metals. 2,558,750, July 3.

Harrison, Harry, Fair Lawn, N. J., assignor to Wright Aeronautical Corporation. Chip detector. 2,556,390, June 12.

Harrison, Henry: *See*—
Murdach, William M., and Harrison.

Harrison, Henry, assignor to Eastman Kodak Company, Rochester, N. Y. Heated drying roller. 2,541,416, Feb. 13.

Harrison, Henry, assignor to Eastman Kodak Company, Rochester, N. Y. Vector analog computing mechanism. 2,578,299, Dec. 11.

Harrison, Henry C., Port Washington, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Mercury type relay. 2,542,668, Feb. 20.

Harrison, Henry C., Port Washington, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Relay. 2,562,091, July 24.

Harrison, Henry C., Port Washington, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electromagnetic switch. 2,562,382, July 31.

Harrison, Henry J., El Paso, Tex. Rotating pointer chance device. 2,580,225, Dec. 25.

Harrison, Howard R., Havertown, Pa., assignor to General Electric Company. Adjustable terminal supporting interconnector. 2,542,669, Feb. 20.

Harrison, James A., Southfield Township, Oakland County, Mich. Gas burner with internal fuel distributors and variable flame area. 2,560,862, July 17.

Harrison, James M., Oakmont, assignor to Gulf Research & Development Company, Pittsburgh, Pa. Separation of cyclohexane and benzene by azeotropic distillation. 2,561,624, July 24.

Harrison, John K. M., Gainesville, Va. Bevel cutting device. 2,568,284, Sept. 18.

Harrison, John K. M., Gainesville, Va. Paper container. 2,578,244, Dec. 11.

Harrison, John P., Versailles, Ind. Fuel mixing chamber. 2,543,105, Feb. 27.

Harrison, Joseph L., Wallace, Idaho. Electrically heated deicing shingle. 2,546,743, Mar. 27.

Harrison, Lawrence, New York, N. Y. Friction gearing for telegraphone mechanism. 2,555,643, June 5.

Harrison, Leonard H., Union City, N. J. Daylight developing tank for roll film. 2,546,598, Mar. 27.

Harrison Machine Company, assignee: *See*—
Harrison, Charles P. and C. R.

Harrison, Meyer, and S. B. Korman, Pittsburgh, Pa., assignors, by mesne assignments, to American National Bank and Trust Company of Chicago, as trustee. Metal awning construction. 2,562,092, July 24.

Harrison & Morton Laboratories, Inc., assignee: *See*—
Massie, George M.

Harrison, Patrick & Company Limited, assignee: *See*—
Turner, Francis L. A.

Harrison, Raymond B., Braintree, Mass., assignor to Beckwith Manufacturing Company, Dover, N. H. Making shoe stiffeners. 2,541,761, Feb. 13.

Harrison, Riva R., Monument Beach, Mass. Electric pencil sharpener. 2,545,779, Mar. 20.

Harrison, Robert E. W., Chambersburg, Pa. Inertia actuated automatic oiler. 2,540,391, Feb. 6.

Harrison, Shirley W., Jackson Heights, N. Y., assignor to Sylvania Electric Products Inc. Electron optical system. 2,572,858, Oct. 30.

Harrison, Stuart A., Stow, Ohio, and W. E. Brown, Cambridge, Mass., assignors to The B. F. Goodrich Company, New York, N. Y. Mixture of acrylonitrile polymer and butadiene copolymer. 2,538,779, Jan. 23.

Harrison, Thomas R.: *See*—
Culver, Donald C., Wild, Harrison, and Wills.

Harrison, Thomas R., Wyncote, Pa., assignor, by mesne assignments to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Rate responsive thermocouple. 2,563,931, Aug. 14.

Harrison, Wilber A., Detroit, Mich. Cam operated oscillatory cultivator. 2,551,120, May 1.

Harrison, William B., Jr.: *See*—
Knox, Julia S. M., and Harrison.

Harrison, William H., Los Angeles, Calif. Mirror and making same. 2,558,848, July 3.

Harrison, William H., Los Angeles, Calif. Mirror for use in determining color contrast. 2,560,724, July 17.

Harrison, William J.: *See*—
McCarthy, Justin J., and Harrison.

Harrison, William R., Hartville, W. G. Kilpatrick, H. J. Zimmerman, N. V. Sproul, and L. C. Galleher, Canton, Ohio, assignors, by mesne assignments, to Automatic Steel Products, Inc., Wilmington, Del. Metal spinning apparatus. 2,567,334, Sept. 11.

Harriss, Lawrence H., assignor, by mesne assignments, to Burgess Battery Company, Freeport, Ill. Deferred action primary battery. 2,543,106, Feb. 27.

Harriss, Lloyd J., Chicago, Ill. Preserving fruit. 2,536,176, Jan. 2.

Harrocks-Ibbotson Company, assignee: *See*—
Lauterbach, Alexander B.

Harrod, Kenneth W. G.: *See*—
Forbes, Ian S., and Harrod.

Harrold, Burr E., and C. Huffman, Jr., Montpelier, Ind. Headrest for inside work on automobiles. 2,574,389, Nov. 6.

Harrold, Charles W., University Heights, assignor to Harris-Seybold Company, Cleveland, Ohio. Two-color rotary offset sheet press. 2,542,867, Feb. 20.

Harrold, Charles W., University Heights, assignor to Harris-Seybold Company, Cleveland, Ohio. Multicolor printing press. 2,554,904, May 29.

Harrold, Charles W., University Heights, and A. S. Harris, Cleveland Heights, Ohio, assignors to Harris-Seybold Company. Sheet fed offset perfecting press. 2,540,667, Feb. 6.

Harrold, Charles W., University Heights, and A. B. Woodruff, Brecksville, assignors to Harris-Seybold Company, Cleveland, Ohio. Sheet controlled interrupter for offset printing presses. 2,578,700, Dec. 18.

Harrow, Murray, New York, N. Y., and K. W. Cook, Spokane, Wash. Life preserver. 2,536,847, Jan. 2.

Harry, William R.: *See*—
Van Ryan, Anthony, and Harry.

Harsh, Harold C., Binghamton, assignor to General Aniline & Film Corporation, New York, N. Y. Production of photographs in blue-black tones and compositions thereof. 2,553,500, May 15.

Harsham, Albert, Cincinnati, and F. E. Deatherage, Columbus, assignors to The Kroger Company, Cincinnati, Ohio. Tenderization of meat. 2,544,681, Mar. 13.

Harshaw Chemical Company, The, assignee: *See*—
Johnson, Irwin E.
King, Burnham W., Jr., and Baumhardt.
King, Burnham W., Jr., and Tesar.
Moy, Paul W.
Olson, Harold M.
Shenk, Wilbur J., Jr., and Pellon.
Swinehart, Carl F., and Early.

Harshbarger, Clarence W., assignor to T. J. La Fontaine, Detroit, Mich. Ice remover with scraping pins. 2,556,691, June 12.

Harshbarger, Walter J., New York, N. Y., assignor, by mesne assignments, to International Projector Corporation, Bloomfield, N. J. Air purifier and circulator. 2,549,087, Apr. 17.

Harshberger, Russell P., Altadena, Calif. Razor. 2,567,375, Sept. 11.

Harshberger, Russell P., Altadena, Calif. Epicyclic mechanism. 2,578,801, Dec. 18.

Harshberger, Russell P., Los Angeles, Calif. Epicyclic mechanism. 2,577,081, Dec. 4.

Harstick, William H., Oak Park, Ill., assignor to International Harvester Company. Power washing centrifugal separator. 2,564,899, Aug. 21.

Harstick, William H., Oak Park, Ill., assignor to International Harvester Company. Pressure responsive speed indicator and governor. 2,569,166, Sept. 25.

Harstick, William H., Oak Park, and O. E. Hintz, Jr., Chicago, Ill., assignors to International Harvester Company. Tinware construction for power washing separators. 2,555,540, June 5.

Harstick, William H., Oak Park, and H. O. Vogel, Chicago, Ill., assignors to International Harvester Company. Liquid supply means for power washing cream separator. 2,577,326, Dec. 4.

Harstine, John W., Dover, Ohio. Directional signal switch assembly for vehicles. 2,578,423, Dec. 11.

Hart, Arthur S. C., Crewkerne, Somerset, England. Shuttleless loom. 2,552,317, May 8.

Hart Bros. Machine Co., assignee: *See*—
Hart, Charles H.

Hart, Charles H., assignor to Hart Bros. Machine Co., Clarksburg, W. Va. Glass drawing machine bearing support. 2,571,239, Oct. 16.

Hart, Charlotte A.: *See*—
Moffett, Robert B., and Hart.

Hart, Claude, assignor to Collins Radio Company, Cedar Rapids, Iowa. Torque meter. 2,550,693, May 1.

Hart & Cooley Manufacturing Company, assignee: *See*—
De Roo, William C.

Hart, Frank M., Denver, Colo. Device for successively filling individual containers by means of a container-intercepting plunger. 2,540,945, Feb. 6.

Hart, Fred J., Salings, assignors to Electronic Medical Foundation, San Francisco, Calif. Electrical therapeutic device. 2,545,087, Mar. 13.

Hart, Frederick H. M.: *See*—
Smith, Thomas C., Hart and Freer.

Hart, Frederick H. M., Poughkeepsie, N. Y., assignor, by mesne assignments, to Recordgraph Corporation. Record strip magazine and mounting. 2,546,124, Mar. 20.

Hart, Halten W., Toledo, Ohio. Illumination duplication for photography. 2,550,149, Apr. 24.

Hart, Harry H., assignor to The Pusey & Jones Corporation, Wilmington, Del. Fourdrinier machine. 2,550,192, Apr. 24.

Hart, Henry J., West Hartford, Conn., assignor to Royal Typewriter Company, Inc., New York, N. Y. Wear resistant carriage guide rail for typewriters or like machines and forming same. 2,538,686, Jan. 16.

Hart, Henry J., West Hartford, Conn., assignor to Royal Typewriter Company, Inc., New York, N. Y. Power-driven mechanism for operating escapement and other instrumentalities of typewriters or like machines. 2,563,722, Aug. 7.

Hart, Henry J., West Hartford, Conn., assignor to Royal Typewriter Company, Inc., New York, N. Y. Power-operated carriage return mechanism for typewriting and like machines. 2,567,937, Sept. 18.
Hart, Henry J., West Hartford, Conn., assignor to Royal Typewriter Company, Inc., New York, N. Y. Power-driven mechanism for operating type bars and other instrumentalities of typewriters or like machines. 2,573,197, Oct. 30.
Hart, Henry J., and W. H. Kupper, West Hartford, Conn., assignors to Royal Typewriter Company, Inc., New York, N. Y. Detachable platen mounting for typewriting or like machines. 2,542,868, Feb. 20.
Hart, Henry J., and W. H. Kupper, West Hartford, Conn., assignors to Royal Typewriter Company, Inc., New York, N. Y. Cover controlled safety switch mechanism for power operated typewriters or like machines. 2,568,002, Sept. 18.
Hart, Henry W., Idabel, Okla. Hydraulic brake system. 2,560,105, July 10.
Hart, Jean H. and R. H., El Reno, Okla. Telescoping tail pipe. 2,575,105, Nov. 13.
Hart, John, Peterborough, England, assignor to Baker Perkins Incorporated, Saginaw, Mich. Biscuit and like cutting and embossing machine. 2,547,118, Apr. 3.
Hart, John C.: *See*—
Boosey, Frederick R., Loxham, Castleton, and Hart.
Hart, John J.: *See*—
Adkins, John S., and Hart.
Hart, John V., Upper Darby, Pa., assignor, by mesne assignments, to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Audible indicating measuring apparatus. 2,558,683, June 26.
Hart, Joseph L., Jr., Chickasha, Okla. Apparatus for harvesting cotton. 2,538,454, Jan. 16.
Hart, Norman E., assignor to Toledo Scale Company, Toledo, Ohio. Weighing scale poise. 2,558,135, June 26.
Hart, Norman E., assignor to Toledo Scale Company, Toledo, Ohio. Adjustable back balance weight. 2,558,136, June 26.
Hart, Norman E., assignor to Toledo Scale Company, Toledo, Ohio. Weighing scale. 2,559,566, July 3.
Hart, Norman E., assignor to Toledo Scale Company, Toledo, Ohio. Weighing scale stirrup. 2,578,931, Dec. 18.
Hart, Norman E., and W. A. Guss, assignors to Toledo Scale Company, Toledo, Ohio. Indicator adjusting means. 2,563,723, Aug. 7.
Hart, Parker E., New York, N. Y. Fishhook holder. 2,578,424, Dec. 11.
Hart, Ray H.: *See*—
Hart, Jean H. and R. H.
Hart, Robert W., Lynn, Mass. Signal detector. 2,561,366, July 24.
Hart, Robert W., United States Navy, Lynn, Mass. Very high-frequency radio receiving system. 2,577,757, Dec. 11.
Hart, Russell, Los Angeles, Calif. Generating high-electrical potential. 2,580,021, Dec. 25.
Hart, Stephen V., Haddonfield, N. J., assignor to Radio Corporation of America. Electrical regulation system. 2,546,926, Mar. 27.
Hart, Thomas F.: *See*—
Pelton, John F., and Hart.
Hart, W. L., assignee: *See*—
Waring, Edward M.
Hart, Wallace L., assignor to Roofing Machinery Mfg. Company, Chicago, Ill. Ejector mechanism for cutting cylinders. 2,546,069, Mar. 20.
Hart, William F.: *See*—
Bacon, Jack C., and Hart.
Niederl, Joseph B., and Hart.
Niederl, Joseph B., Hart, and McGreal.
Hart, William J.: *See*—
Salvin, Victor S., and Hart.
Hart, William J., Dover, and V. S. Salvin, Irvington, N. J., assignors to Celanese Corporation of America. Emulsions of water-insoluble organic acid-fading inhibitors dissolved in water-insoluble organic solvents. 2,546,168, Mar. 27.
Hartbauer, August W. L., deceased, Chicago, Ill., by E. C. Hartbauer, representative and administratrix, Elizabeth, N. J. Gasket structure for refrigerator car doors and the like. 2,567,477, Sept. 11.
Hartbauer, Elizabeth C., representative, administratrix: *See*—
Hartbauer, August W. L.
Hartdorn, Edward G., Dover, N. J. Removable endless track pad. 2,568,732, Sept. 25.
Hartel, Robert J.: *See*—
Marshall, Earl L., and Hartel.
Hartenbach, Henry C., Jr., St. Louis County, Mo. Carpet rinsing apparatus. 2,572,142, Oct. 23.
Harter, Earl F., Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Surge testing. 2,569,990, Oct. 2.
Harter, Elson M., Blue Ash, Ohio. Air conditioning fireplace. 2,542,670, Feb. 20.
Harter, Isaac, Beaver, Pa., assignor to The Babcox & Wilcox Company, Rockleigh, N. J. Method of and apparatus for welding. 2,550,641, Apr. 24.
Harter, Isaac, Jr., Beaver, Pa., and T. W. Ratcliffe, Westfield, N. J., assignors to The Babcock & Wilcox Tube Company, West Mayfield, Pa. Apparatus for pouring molten metal. 2,571,033, Oct. 9.
Hartford-Empire Company, assignee: *See*—
Ardell, Edgar.
Fischer, Paul E., and Ardell.
Holstebroe, Kaye, Ardell, and Kayser.
Koob, Bernard H.
Light, S.
Lorenz, Edward H.
Peiler, Karl E.
Hartford National Bank and Trust Company, assignee: *See*—
Alexander, Johan W., and Wesselink.
Alma, Gerrit H. P.
Amesz, Wilhelm G.
Arends, Jacobus L., and Hugenholtz.
Bailey, Christopher E. G.
Beaven, Clifford H. J., Caple, and Dell.
Bergmans, Jan, and Honing.
Bergmans, Jan., and Lamberts.
Bergmans, Jan, and Vermeulen.
Bergmans, Jan, and Vervest.
Beuckens, Jacobus, and Mol.
Bienfait, Henri.
Bijl, Peter C. J.
Billing, Olle.
Blok, Henri.
Blok, Lourens, and Roszbach.
Boosman, Herman B. R., and Hugenholtz.
Bos, Julius G., Dippel, Houtman, Keuning, and Wijtzes.
Bos, Julius G., Haack, Dippel, and Keuning.
Bourgonjon, Louis R., Horowitz, Kleis, Slooff, van Tol, and Unk.
Breimer, Sytse.
Broos, Henricus A.
Brouwer, Albert J.
Buisman, Jan A. K.
Buys, Pieter K.
Buys, Pieter K., and Cluwen.
Carpentier, Edmond E.
Casimir, Hendrik B. G., and Nieuwdorp.
Coeterier, Frederik.
Combee, Bart.
De Boer, Jan, and Schenkel.
De Boer, Kornelis.
De Boer, Kornelis, and van Urk.
De Brey, Heinrich, and van Weenen.
De Fremery, Frank.
De Groot, Folkert A., and Schenau.
De Lange, Cornelis.
De Vriend, Johannes A., and Rieck.
De Vries, Gerrit.
Diemer, Gesinus.
Diemer, Gesinus, and Knol.
Donk, Gerardus J. C.
Donkelaar, Jacobus J., and Knös.
Dorgelo, Eduard G.
Dorjee, Hendrik.
Dros, Albert A.
Du Pré, Frits K.
Fransen, Jacobus.
Fruithof, Barend G.
Gall, Bernardus O. M.
Greefkes, Johannes A., and Ensink.
Groenenberg, Maarten J.
Gusdorf, Frederik H., and van Ijzeren.
Gusdorf, Frederik H., and Veenis.
Haayman, Pieter W., Romeyn, and Verwey.
Haegele, Frederick G. A.
Hazeu, Hendrik A. G., and Ledeboer.
Hepp, Gerard.
Holst, Gilles.
Horowitz, Alexandre, and Buitenhuis.
Horowitz, Alexandre, and Kooy.
Horowitz, Alexandre, and Rathenau.
Hugenholtz, Eduard H.
Hugenholtz, Eduard H., and Krienen.
Janssen, Johannes M. L.
Jonker, Johan L. H., and Gall.
Jonker, Johan L. H., and Six.
Jonker, Johannes L. H., and van Overbeek.
Keddie, James E.
Kleis, Derk, and van Weel.
Knös, Gunnar B.
Koole, Pieter, Bourgonjon, and de Lange.
Kraayeveld, Pieter J.
Kronouer, Johan G.
Knös, Gunnar B.
Kuperus, Jan, and van Alphen.
Ledeboer, Johan M., and Fransen.
Leeuwin, Max, and Recourt.
Lely, Jan A., and van Rijssel.
Lemmens, Hendricus J., and Dorgelo.
Lemmens, Hendricus J., Jansen, and Loosjes.
Lems, Hendrik.
Lorza, Ferando A. C.
Mulder, Johannes G. W., and Penning.
Mulder, Johannes G. W., Jurriaanse, and Penning.
Nemet, Anthony, and Berindel.
Potjer, Aildert A.

Hartford National Bank and Trust Company, assignee: *See*—Continued.
Recourt, Johannes C. A.
Repko, Jan D., and Horowitz.
Reynst, Maximilien F.
Rinia, Herre.
Rinia, Herre, and de Brey.
Rinia, Herre, de Brey, and van Heeckeren.
Rinia, Herre, de Brey, and van Weenen.
Rinia, Herre, and Leblans.
Rinia, Herre, and van Weenen.
Roosdorp, Hermanus J.
Rothschild, Siegfried.
Schmidt, Gerrit.
Schoonenberg, Pancras, and van Zonneveld.
Schouten, Jan F., and Rodenburg.
Semeyn, Johannes.
Senders, Pieter F. M.
Siezen, Gerrit J.
Smart, Leslie D.
Snoek, Jacob L., Boeke and Louwerse.
Snoek, Jacob L., Haayman, and Romeyn.
Spoor, Theodorus A.
Staal, Cornelius J. H. A.
Strating, Jan.
Strutt, Maximiliaan J. O.
Strutt, Maximiliaan J. O., Knol, and van der Ziel.
Strutt, Maximiliaan J. O., and van der Ziel.
Ten Boske, Johan A., and Dorgelo.
Unk, Jacob M., and Horowitz.
Valeton, Josué J. P., and Schenau.
Van de Wiel, Alfred.
Van Dorsten, Adrianus C.
Van Embden, Hendrik J. M.
Van Hardenberg, Bonifacius J.
Van Ingen Schenau, Bernardus W.
Van Ingen Schenau, Bernardus W., and Lubben.
Van Loon, Carel J.
Van Loon, Carel J., and Beukema.
Van Loon, Carel J., Beukema, Schurink, and Weyers.
Van Loon, Carel J., and Tellegen.
Van Overbeek, Adrianus J. W. M.
Van Uden, Jules H. M., and Rieck.
Van Urk, Arend T.
Van Weel, Adelbert.
Van Weenen, Franciscus L., and Stigter.
Van Yzeren, Ewoud A.
Van Zelst, Johannes J. Z.
Veenemans, Cornelis F.
Verheyen, Coenraad C.
Vervest, Wilhelmus L., and Waarlé.
Vingerhoets, Antonius W.
Vivie, Wilhelmus L. L.
Warmoltz, Nicolaas.

Hartig, Otto C., assignee: *See*—
Cross, Fred H.

Hartigan, Raymond H., Rensselaer, N. Y., assignor to Koppers Company, Inc., Pittsburgh, Pa. Cyanogen compounds. 2,541,053, Feb. 13.

Hartigan, Raymond H., assignor to Koppers Company, Inc., Pittsburgh, Pa. Manufacture of melamine. 2,559,617, July 10.

Hartin, Edward R., National City, Calif. Egg holder and opener with reciprocating blade. 2,552,784, May 15.

Hartley, Emmett C., assignor to The Parker Appliance Company, Cleveland, Ohio. Cylindrical valve. 2,566,885, Sept. 4.

Hartley, Emmett C., and J. N. Wolfram, assignors to The Parker Appliance Company, Cleveland, Ohio. Two-piece hose coupling. 2,540,113, Feb. 6.

Hartley, Emmett C., Cleveland, and C. P. Dahl, Euclid, assignors to The Parker Appliance Company, Cleveland, Ohio. Attachment for tanks through which the tank may be filled. 2,548,368, Apr. 10.

Hartley, George C.: *See*—
Bray, Frederick H., Hartley, and Ridler.

Hartley, George E., Watford, England. Device for imparting an intermittent rotary motion. 2,537,345, Jan. 9.

Hartley, Lloyd S., and R. A. Newton, Schenectady, N. Y., assignors to General Electric Company. Wire lead detector. 2,554,982, May 29.

Hartley, Nelson, Baltimore, Md. Garment hanger stand. 2,550,150, Apr. 24.

Hartley, Paul H., Westport, Conn. Color harmonizing card game. 2,574,328, Nov. 6.

Hartley, Ralph V. L., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electric power source. 2,549,464, Apr. 17.

Hartley, Walter, Radcliffe, England. Flier for textile machines. 2,549,599, Apr. 17.

Hartley, Walter, Radcliff, England. Casing for the motors and spinning pots of textile spinning machines. 2,580,172, Dec. 25.

Hartline, Marietta, Rossville, Ga. Hosiery inspection device. 2,567,478, Sept. 11.

Hartman, Bernhardt, Long Beach, Calif. Portable conduit-gripping tool. 2,566,413, Sept. 4.

Hartman, Carl D., Pittsburgh, Pa., assignor to Bailey Meter Company. Furnace control system. 2,556,081, June 5.

Hartman, Chester A., Cleveland Heights, Ohio, assignor to Meehanite Metal Corporation. Heated blast cupola. 2,574,740, Nov. 13.

Hartman, Herbert L., assignor to The General Industries Company, Elyria, Ohio. Two-speed friction drive transmission for phonograph turntables. 2,551,266, May 1.

Hartman, Herbert L., assignor to The General Industries Company, Elyria, Ohio. Two-speed friction drive transmission for phonograph turntables. 2,563,649, Aug. 7.

Hartman, John F., assignor, by mesne assignments, of forty per cent to J. B. Reinhard, Allentown, Pa. Guarded knife for cutting butter and cheese. 2,570,671, Oct. 9.

Hartman, Joseph H., Norristown, Pa. Valve protector. 2,578,628, Dec. 11.

Hartman, Joseph H., Norristown, Pa. Valve protector. 2,578,629, Dec. 11.

Hartman, Joseph H., Norristown, Pa. Valve shank protector. 2,578,630, Dec. 11.

Hartman, Leo L., Winnipeg, Manitoba, assignor of 10 per cent to Fleming Parrott, Madsen, Ontario, Canada. Attachment for applying disinfectant to toilet seats. 2,551,882, May 8.

Hartman, Philip S.: *See*—
Biszantz, Fred, and Hartman.

Hartman, Richard A.: *See*—
Flora, Laurence H., and Hartman.

Hartman, Richard A., assignor to Tinnerman Products, Inc., Cleveland, Ohio. Fastening device. 2,553,917, May 22.

Hartman, Richard A., assignor to Tinnerman Products, Inc., Cleveland, Ohio. Resilient fastening device for objects in adjustable axial relationship. 2,566,886, Sept. 4.

Hartman, Richard A., assignor to Tinnerman Products, Inc., Cleveland, Ohio. Fastening device. 2,568,584, Sept. 18.

Hartman, Rush S., Trenton, N. J. Refrigerating device. 2,543,494, Feb. 27.

Hartman, Vernon V., Loveland, L. V. Sybrandt, Johnston, and S. L. Force, Greeley, assignors to The Great Western Sugar Company, Denver, Colo. Apparatus and process for mixing solids in liquids. 2,554,492, May 29.

Hartman, William C., Bohemia, J. A. Peoples, Jr., Hempstead, and H. L. Hull, East Williston, N. Y., assignors to The Sperry Corporation. Remote positional control mechanism. 2,548,884, Apr. 17.

Hartmann, Albert, Starke, Fla. Disposable dispensing device for attachment to containers. 2,552,318, May 8.

Hartmann, Albert E., New York, N. Y. Soap containing handle. 2,568,856, Sept. 25.

Hartmann, Hans, assignor to Aktiengesellschaft Brown, Boveri & Cie, Baden, Switzerland. Switch choke coil. 2,568,003, Sept. 18.

Hartmann, Karl A., assignee: *See*—
Arvedlund, Knud E.

Hartmann, Leonhard T.: *See*—
Wethly, Frans, and Hartmann.

Hartmann Manufacturing Company, assignee: *See*—
Hartmann, Philip.

Hartmann, Max, Riehen, and S. Studer, Basel, Switzerland, assignors to Ciba Pharmaceutical Products, Inc., Summit, N. J. Imidazolines. 2,569,415, Sept. 25.

Hartmann, Philip, assignor to Hartman Manufacturing Company, Racine, Wis. Quick-acting vise having sliding jaw shank clutched by bell-crank cam actuated by an oscillating eccentric. 2,563,467, Aug. 7.

Hartmann, Philip, assignor to Hartmann Manufacturing Company, Racine, Wis. Cam for sliding screw-operated vise jaws to final clamping position. 2,565,965, Aug. 28.

Hartmann, William E.: *See*—
Rega, Fred L., and Hartmann.

Hartmann, William R.: *See*—
Cubberley, Richard H., and Hartmann.

Hartness, Thomas S., Greenville, S. C. Casing machine. 2,556,082, June 5.

Harton, Erskine E., Jr.: *See*—
Ayers, George W., and Harton.
Ayers, George W., Harton, and Mazurk.

Hartough, Howard D.: *See*—
Coonradt, Harry L., and Hartough.
Schick, John W., and Hartough.
Schick, John W., Hartough, and Badertscher.

Hartough, Howard D., Pitman, N. J., assignor to Socony-Vacuum Oil Company, Incorporated. High molecular weight carboxylic acids. 2,542,772, Feb. 20.

Hartough, Howard D., Pitman, N. J., assignor to Socony-Vacuum Oil Company, Incorporated. Preparation of 2-thiophenealdehydes and N-methyl 2-thenylamines. 2,543,318, Feb. 27.

Hartough, Howard D., Pitman, N. J., assignor to Socony-Vacuum Oil Company, Incorporated. Mineral oil composition containing an alkyl thienyl ketimine. 2,566,611, Sept. 4.

Hartough, Howard D., Pitman, N. J., assignor to Socony-Vacuum Oil Company, Incorporated. Formaldimines and their reaction products. 2,577,191, Dec. 4.

Hartough, Howard D., Pitman, and J. W. Schick, Camden, N. J., assignors to Socony-Vacuum Oil Company, Incorporated. Modified phenol-formaldehyde resins. 2,546,946, Mar. 27.

Hartough, Howard D., Pitman, N. J., and A. I. Kosak, Columbus, Ohio, assignors, to Socony-Vacuum Oil Company, Incorporated. Synthesis of 5-(2-thenoyl)pentanoic acid from thiophene, adipyl chloride and silica-alumina catalyst. 2,549,600, Apr. 17.

Hartough, Howard D., Pitman, and S. J. Lukasiewicz, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated. Preparing simple tertiary thenylamines. 2,559,567, July 3.
Hartsell, Lee, Houston, Tex. Well tool. 2,562,458, July 31.
Hartshorn, Stanley D., Wayne, assignor to Pennsylvania Crusher Company, Philadelphia, Pa. Lining structure for rotary crushers. 2,545,202, Mar. 13.
Hartsock, Harlan A., Laurens, Iowa. Agricultural crop spraying machine. 2,541,417, Feb. 13.
Hartung, Chester P., Ceylon, assignor to E. A. Hartung, Walnut Grove, Minn. Dry wall construction. 2,566,563, Sept. 4.
Hartung, Ervin A., assignee: *See*—
Hartung, Chester P.
Hartung, Walter H., Baltimore, Md., assignor to Sharp & Dohme, Incorporated, Philadelphia, Pa. Preparation of phenethylamine compounds. 2,567,906, Sept. 11.
Hartung, Walter H., Chapel Hill, N. C. Preparation of aminoacidamides. 2,542,812, Feb. 20.
Hartvigsen, Harman V.: *See*—
Gallo, S. George, and Hartvigsen.
Hartwell, Harlow H., Waterloo, N. Y. Projectile. 2,559,955, July 10.
Hartwell, Thomas M., El Cerrito, Calif. Rug binding apparatus and method. 2,547,821, Apr. 3.
Hartwick, Louis M.: *See*—
Kinney, Selwyne P., and Hartwick.
Hartwig, Arthur H.: *See*—
Faverty, Clyde B., Hartwig, McDonald, and Wulff.
Hartwig, Edward C., Towanda, N. Y., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa Welding current regulator. 2,545,998, Mar. 20.
Hartwig, Karl T., G. Ellyn, and T. B. Haufe, Western Springs, assignors to Universal Oil Products Company, Chicago, Ill. Autothermic cracking reactor. 2,572,338, Oct. 23.
Hartzell, Herman L., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Flexible shaft coupling. 2,560,644, July 17.
Hartzell Industries, Inc., assignee: *See*—
Biermann, David.
Herrman, Donald D.
Harvard Manufacturing Company, The, assignee: *See*—
Blanke, Nathan E., and Sands.
Sands, Hillard J., and Blanke.
Harvel Corporation, The, assignee: *See*—
Caplan, Solomon.
Harvey, Mortimer T.
Wasserman, David, and Caplan.
Harvel Research Corporation, assignee: *See*—
Harvey, Mortimer T.
Nye, Roland W.
Roberts, Hamilton H., Jr.
Harvell Manufacturing Corporation, assignee: *See*—
Tuttle, Edward S.
Harvey, Adelbert W., Mount Lebanon, and D. L. Deardorff, Pittsburgh, Pa., assignor of one-fourth to American Hatters and Furriers Company, Incorporated, Danbury, Conn., one-fourth to Jonas & Naumburg Corporation, New York, N. Y., one-fourth to The Chapal Donner Corporation, Newark, N. J., and one-fourth to Pellissier, Jonas & Rivet, Incorporated, Walden, N. Y. Treatment of carroted fur fibers. 2,555,883, June 5.
Harvey, Charles D., La Mesa, Calif., assignor to C. B. Schroeder. Machine for making plaster corner reinforcing strips. 2,571,086, Oct. 9.
Harvey, Clarence C., and C. M. Neher, Baton Rouge, La., and J. Dorsky, Pittsburgh, Pa., assignors to Ethyl Corporation, New York, N. Y. Fractionating chlorinated hydrocarbons. 2,543,575, Feb. 27.
Harvey, Clyde E., Melville, La. Apparatus for handling tubing or the like. 2,558,554, June 26.
Harvey, Dillis I., Plainwell, Mich. Poultry plucking machine. 2,571,034, Oct. 9.
Harvey, Dorothy J.: *See*—
Zienty, Ferdinand B., and Harvey.
Harvey, Douglass C.: *See*—
Fuerst, Carl C., and Harvey.
Harvey, Douglass C., assignor to Eastman Kodak Company, Rochester, N. Y. Camera part latching and guiding construction. 2,548,529, Apr. 10.
Harvey, Douglass C., assignor to Eastman Kodak Company, Rochester, N. Y. Film-winding control and counter for roll-holding cameras. 2,548,530, Apr. 10.
Harvey, Douglass C., assignor to Eastman Kodak Company, Rochester, N. Y. Camera of the reflex type for making rapid exposures. 2,552,275, May 8.
Harvey, Douglass C., assignor to Eastman Kodak Company, Rochester, N. Y. Film spool centering pin. 2,552,276, May 8.
Harvey, Douglass C., assignor to Eastman Kodak Company, Rochester, N. Y. Rapid film wind device. 2,575,012, Nov. 13.
Harvey, Douglass C., and E. S. Marvin, assignors to Eastman Kodak Company, Rochester, N. Y. Film metering double exposure prevention camera. 2,544,879, Mar. 13.
Harvey, Earle M., Arlington, Va. Fire control mechanism for firearms. 2,571,132, Oct. 16.
Harvey, Herbert: *See*—
Kornblum, Alvin J., Kuriloff, and Harvey.
Harvey, Herbert, assignor to Leo M. Harvey, Los Angeles, Calif. Adjustable shower head. 2,556,537, June 12.
Harvey, Homer M.: *See*—
Harvey, Leo M. and H. M.
Harvey, James L., Fanwood, assignor to The Babcock & Wilcox Company, Rockleigh, N. J. Fluid heat exchange apparatus. 2,551,945, May 8.
Harvey, Leo M., assignee: *See*—
Harvey, Herbert.
Harvey, Leo M., Los Angeles, Calif. Hose connector. 2,551,536, May 1.
Harvey, Leo M., Los Angeles, Calif. Measuring liquid dispenser having resilient walls. 2,554,570, May 29.
Harvey, Leo M. and H. M., Los Angeles, Calif. Fluid handling device. 2,538,835, Jan. 23.
Harvey Machine Co., Inc., assignee: *See*—
Kornblum, Alvin J., Kuriloff, and Harvey.
Harvey, Merlin P.: *See*—
Ladd, Elbert C., and Harvey.
Harvey, Mortimer T., South Orange, N. J., assignor to Harvel Research Corporation. Preparing vinyl resin sulfurized furfuraldehyde reaction products. 2,545,461, Mar. 20.
Harvey, Mortimer T., South Orange, N. J., assignor to Harvel Research Corporation. Hydrogenating an unsaturated fatty oil coated base and product thereof. 2,554,826, May 29.
Harvey, Mortimer T., South Orange, N. J., assignor to Harvel Research Corporation. Drying oil-furfuraldehyde-mesityl oxide compositions. 2,565,685, Aug. 28.
Harvey, Mortimer T., South Orange, N. J., assignor to The Harvel Corporation. Cashew nut shell extract. 2,577,521, Dec. 4
Harvey, Mortimer T., South Orange, and P. L. Rosamilia, Bloomfield, N. J., assignors to Harvel Research Corporation. Products of certain dibasic acids and acetone-formaldehyde reaction products. 2,571,089, Oct. 16.
Harvey, Normal L., Huntington Station, N. Y., assignor to Sylvania Electric Products Inc. Radio apparatus employing slot antenna. 2,555,443, June 5.
Harvey, Ora A., and T. Woodmansee, assignors to Eli Lilly and Company, Indianapolis, Ind. Colorimeter. 2,555,744, June 5.
Harvey Radio Laboratories, Inc., assignee: *See*—
Cosman, Bernard J.
Harvey Research Corporation, assignee: *See*—
Harvey, Mortimer T., and Rosamilia.
Harvey, Richard, Los Angeles, Calif. Sterilizer. 2,565,656, Aug. 28.
Harvey, Robert L.: *See*—
Carlson, Wendell L., and Harvey.
Leverenz, Humboldt W., and Harvey.
Harvey, Robert L., Princeton, N. J., assignor to Radio Corporation of America. High-loss magnetic core for high-frequency coils. 2,561,495, July 24.
Harvey, Robert L., and V. D. Landon, Princeton, N. J., assignors to Radio Corporation of America. Electrical filter unit. 2,569,667, Oct. 2.
Harvey, Robert L., and H. W. Leverenz, Princeton, N. J., assignors to Radio Corporation of America. Materials of high magnetic permeability. 2,576,456, Nov. 27.
Harvey, Thaddeus F., South Bend, Ind., assignor to Bodine Electric Company, Chicago, Ill. Intermittent movement mechanism. 2,542,515, Feb. 20.
Harvey, Valentine P., and G. F. W. Powell, assignors to Molins Machine Company Limited, London, England. Dynamic braking for electrically driven machines. 2,560,288, July 10.
Harvey-Whipple Incorporated, assignee: *See*—
Ruff, Alonzo W.
Harvey, Wilfred G., Leominster, Mass. Package for novelty items. 2,568,625, Sept. 18.
Harvey, William D., Macomb, Ill., assignor to Globe American Corporation, Kokomo, Ind. Cabinet heater. 2,540,877, Feb. 6.
Harvuot, Frank B., assignor to Bowser, Inc., Fort Wayne, Ind. Material handling device. 2,545,696, Mar. 20.
Harward, John H., Haverhill, Mass. Structural frame for windows. 2,546,187, Mar. 27.
Harward, Ruelon, Provo, Utah. Dispensing holder for yarn packages and the like. 2,536,931, Jan. 2.
Harwood, James, Western Springs, and P. Du Brow, assignors to Armour and Company, Chicago, Ill. Treating fatty acid nitriles to improve the odor thereof. 2,548,369, Apr. 10.
Harwood, Kenneth J., Neenah, and H. J. Le Dain, Appleton, Wis., assignors to International Cellucotton Products Company, Chicago, Ill. Sanitary napkin. 2,564,689, Aug. 21.
Harworth, Keith K., Menlo Park, and R. U. Temby, Sunnyvale, Calif. Pit inspector. 2,547,207, Apr. 3.
Harzer, Eugene R., Elizabethtown, assignor to K. Lieberknecht, Inc., Reading, Pa. Safety stop mechanism for knitting machines. 2,573,261, Oct. 30.
Has, Harold G., Belleville, assignor to Bendix Aviation Corporation, Teterboro, N. J. Dynamoelectric machine. 2,540,202, Feb. 6
Hasbrook, Arthur F., assignor to O. S. Petty, San Antonio, Tex. Pulsed distance measuring instrument. 2,560,289, July 10.
Hasbrook, Jerome J. and R. R., Columbus, Ohio. Humidified receptacle for smoking tobaccos. 2,559,297, July 3.

Hasbrook, Robert R.: *See*—
Hasbrook, Jerome J. and R. R.

Hasche, Rudolph L., Johnson City, Tenn., assignor, by mesne assignments, to Eastman Kodak Company, Rochester, N. Y. Furnace. 2,552,277, May 8.

Hasche, Rudolph L., Johnson City, Tenn., assignor by mesne assignments, to Eastman Kodak Company, Rochester, N. Y. Apparatus for producing acetylene. 2,556,424, June 12.

Haselberger, Raymond E.: *See*—
Anderson, John M., Exner, and Haselberger.

Haseltine, Stacy B., La Grange, assignor to W. H. Miner, Inc., Chicago, Ill. Hand brake. 2,537,270, Jan. 9.

Haseltine, Stacy B., La Grange, assignor to W. H. Miner, Inc., Chicago, Ill. Combined latch and actuating means for supporting crank members of sliding doors. 2,565,657, Aug. 28.

Haselton, Page S.: *See*—
Crockett, Robert E., and Haselton.

Haskell, Betty S., assignee: *See*—
Haskell, Chester G.

Haskell, Chester G., Los Angeles, Calif., assignor by decree of distribution, to E. H. and B. S. Haskell. Wave and tie power plant. 2,577,325, Dec. 4.

Haskell, Earl H., assignee: *See*—
Haskell, Chester G.

Haskell, James B., assignor to West Virginia Steel and Manufacturing Company, Huntington, W. Va. Reversible turnout. 2,550,654, Apr. 24.

Haskell, John P., Detroit, Mich. Frame for table games. 2,540,729, Feb. 6.

Haskell, William H., New London, Conn. Luncheon tray. 2,540,392, Feb. 6.

Haskett, Henry, Annapolis, Md. Permutation switch. 2,577,681, Dec. 4.

Haskett, Lester E.: *See*—
Lehane, Timothy J., Haskett, and Johnson.

Haskin, Lawrence H., Jr., assignor to Champlain Company, Inc., Bloomfield, N. J. Sheet delivery and stacking. 2,576,013, Nov. 20.

Haskins, Robert, Jr.: *See*—
Esval, Orland E., Wrigley, and Haskins.

Haskins, Robert, Jr., Garden City, N. Y., assignor to The Sperry Corporation. Gyroscope control system. 2,561,367, July 24.

Haslacher, Alfred B., San Francisco, Calif. Making automatic bottom bags. 2,537,462, Jan. 9.

Hass, Edward C., Prince Georges County, Md. Correcting mechanism for mercury column type measuring instruments. 2,542,671, Feb. 20.

Hass, Edward C., Prince Georges County, Md. Vacuum gauge. 2,570,943, Oct. 9.

Hass, Henry B., West Lafayette, Ind., and M. B. Neher, Athens, Ohio, assignors to Purdue Research Foundation, La Fayette, Ind. Insecticidal composition comprising 1 - p - chlorophenyl - 2 - nitro - 1 - tolylpropane. 2,538,687, Jan. 16.

Hass, Henry B., La Fayette, Ind., and M. B. Neher, Athens, Ohio, assignors to Purdue Research Foundation, La Fayette, Ind. 2-chloro-1-p-chlorophenyl-2-nitro-1-p-tolylpropane and insecticidal compositions containing it. 2,538,724, Jan. 16.

Hass, Henry B., and H. Feuer, West Lafayette, assignors to Purdue Research Foundation, La Fayette, Ind. Production of nitric acid from nitric oxide. 2,566,197, Aug. 28.

Hasse, Delmas F.: *See*—
Augspurger, Luther S., and Hasse.

Hasselbaum, Oscar H., Arlington, assignor to Joseph Pollak Corporation, Dorchester, Mass. Rotary electric switch. 2,546,744, Mar. 27.

Hasselhorn, Walter C., and J. S. Baker, assignors to Cook Electric Company, Chicago, Ill. Arrester. 2,559,426, July 3.

Hassell, George W., Oklahoma City, Okla. Playing card-holder. 2,537,461, Jan. 9.

Hasselquist, Victor H., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Collapsible container. 2,551,673, May 8.

Hasselstrom, Torsten, and M. Stoll, New York, N. Y., assignors to U. S. Industrial Chemicals, Inc., Newark, N. J. Refining of tall oil soap. 2,547,208, Apr. 3.

Hasselstrom, Torsten, and M. Stoll, assignors, by mesne assignments, to National Distillers Products Corporation, New York, N. Y. Production of refined tall oil. 2,575,013, Nov. 13.

Hasselwander, Claude F., assignor to Taylor-Shantz, Inc., Rochester, N. Y. Drapery support. 2,559,072, July 3.

Hassett, Marv, Pipestone, Minn. Copyholder for typist stands. 2,541,513, Feb. 13.

Hassid, Nissim J., Jerusalem, Palestine. Production of jellies made from mixtures of sugar and fruit juices containing pectin. 2,557,050, June 12.

Hasskamp, Fred C., assignor of one-third to S. E. Koop, Crosby, Minn., and by decree of distribution of six twenty-sevenths to L. Hasskamp, two twenty-sevenths to M. H. Murphy, two twenty-sevenths to I. H. Roth, two twenty-sevenths to F. H. Hasskamp, two twenty-sevenths to R. J. Hasskamp, two twenty-sevenths to K. J. Hasskamp, and two twenty-sevenths to P. A. Hasskamp. Snow loader. 2,547,752, Apr. 3.

Hasskamp, Fred H., assignee: *See*—
Hasskamp, Fred C.

Hasskamp, Kenneth J., assignee: *See*—
Hasskamp, Fred C.

Hasskamp, Laura, assignee: *See*—
Hasskamp, Fred C.

Hasskamp, Patricia A., assignee: *See*—
Hasskamp, Fred C.

Hasskamp, Robert J., assignee: *See*—
Hasskamp, Fred C.

Hasslacher, Carl A., Scarsdale, N. Y. Mowing machine. 2,540,616, Feb. 6.

Hassler, Frank R., Kirkwood, Mo., assignor, by mesne assignments, to The Bastian-Blessing Company, Chicago, Ill. Beverage dispensing valve. 2,574,699, Nov. 13.

Hassman, Fred A.: *See*—
Nenninger, Lester F., Vancil, and Hassman.

Hassman, Fred A., and E. D. Vancil, assignors to The Cincinnati Milling Machine Co., Cincinnati, Ohio. Jogging mechanism for machine tools. 2,537,409, Jan. 9.

Hastings, Allen E., Washington, D. C. Frequency indicator. 2,577,758, Dec. 11.

Hastings, Charles E., Hampton, Va. Thermal air-speed indicator. 2,540,822, Feb. 6.

Hastings, Charles E., Hampton, Va. Electromagnetic switch. 2,547,003, Apr. 3.

Hastings, George, New Liskeard, Ontario, Canada. Detachable road roller. 2,559,427, July 3.

Hastings Manufacturing Company, assignee: *See*—
Anderson, Hugo F.
Olsen, Ernest R.
Olsen, Ernest R., Flora, and Lonnee.
Phillips, Harold P.
Phillips, Harold P., and Ackerman.

Hastings, Russell, Jr., Wellesley, assignor to Lewis-Shepard Company, Watertown, Mass. High-lift dolly. 2,555,233, May 29.

Hastings, Shirrel A., assignor to Crane Packing Company, Chicago, Ill. Rotary "O" ring seal for roll-necks. 2,571,035, Oct. 9.

Hastings, Shirrel A. and J. H. Thayer, assignors to Crane Packing Company, Chicago, Ill. Rotary fluid seal with "O" ring. 2,554,406, May 22.

Hasty, Dozier F., Atlanta, Ga. Nut-fulcrumed pivoted jaw wrench. 2,567,432, Sept. 11.

Haswell, Henry L., Brevard, assignor, by mesne assignments, to Ecusta Paper Corporation, Pisgah Forest, N. C. Slitting device. 2,554,027, May 22.

Hat Corporation of America, assignee: *See*—
Eakland, Edward H.
Hoffman, Stanley G.
Rickus, George M.

Hatch, Alexander G.: *See*—
Condon, Robert S., and Hatch.

Hatch, B. G., Company, Inc., assignee: *See*—
Kreider, Raymond L.

Hatch, Charles T., assignor to Union Steel Products Company, Albion, Mich. Linked rod conveyer. 2,555,692, June 5.

Hatch, Clifford A., assignee: *See*—
O'Malia, William N.

Hatch, Edna B.: *See*—
Hatch, Walter I. and E. B.

Hatch, George B., Allison Park, assignor to Hall Laboratories, Inc., Pittsburgh, Pa. Treatment of steam systems. 2,562,549, July 31.

Hatch, George B., Pittsburgh, Pa., assignor to Hall Laboratories, Inc. Threshold treatment of water. 2,539,305, Jan. 23.

Hatch, James W., Los Angeles, Calif. Fuel injection pump. 2,575,955, Nov. 20.

Hatch, Walter I. and E. B., Meridian, Calif. Corset stay shield. 2,550,246, Apr. 24.

Hatcher, Alexander P., Knoxville, Tenn., assignor to the United States of America as represented by the United States Atomic Energy Commission. Drill tool. 2,569,854, Oct. 2.

Hatcher, David B., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Production of poly-(alkyl-substituted)-silanes. 2,555,589, June 5.

Hatcher, David B., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Production of alkenylhalosilanes. 2,574,390, Nov. 6.

Hatcher, David B., and R. H. Bunnell, assignors to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Cycloaliphatic silanes. 2,545,780, Mar. 20.

Hatcher, David B., and R. H. Bunnell, assignors to Libby-Owens-Ford Glass Company, Toledo, Ohio. Production of vinyl aromatic compounds. 2,570,551, Oct. 9.

Hatcher, Ernest C., Northwood, assignor to J. Stone & Company Limited, Deptford, England. Variable pitch propeller. 2,536,546, Jan. 2.

Hatcher, Ernest C., Northwood, assignor to J. Stone & Company Limited, Deptford, England. Variable pitch propeller. 2,559,767, July 10.

Hatcher, George W., Sr., Richmond, Va. Flexible connection. 2,540,203, Feb. 6.

Hatcher, Grant E., Lee's Summit, assignor to Sam Mulkey Company, Kansas City, Mo. Flight conveyer. 2,546,262, Mar. 27.

Hatcher, Wade, assignee: *See*—
Brown, Wesley H.

Hatfield, Cleburne B., Cookeville, Tenn. Combination automatic washing machine and drier. 2,553,581, May 22.

Hatfield, Cortland, Elizabethton, Tenn., assignor, by mesne assignments, to Beaunit Mills, Inc., New York, N. Y. Spinning funnel. 2,544,018, Mar. 6.
Hatfield, Lonnie P., Oklahoma City, Okla. Steam generator. 2,561,471, July 24.
Hatfield, Loran W., assignor to E. A. Elkins, Los Angeles, Calif. Child's hot food dish. 2,545,733, Mar. 20.
Hatfield, Marcus R., Lakewood, Ohio, assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Lining a metallic dry cell anode. 2,551,799, May 8.
Hatfield, Robert L., East Orange, assignor to Nash Inc., Jersey City, N. J. Spring for fold-over articles. 2,564,570, Aug. 14.
Hathaway, Claude M., Denver, Colo. Apparatus for producing oscillographic records. 2,539,832, Jan. 30.
Hathaway, Claude M., Denver, Colo. Device for supporting electric pressure head apparatus. 2,539,833, Jan. 30.
Hathaway, Claude M., Denver, Colo. Pen nib slotting apparatus. 2,544,156, Mar. 6.
Hathaway, Claude M., Denver, Colo. Galvanometer support. 2,563,167, Aug. 7.
Hathaway, Claude M., Littleton, Colo. Accelerometer unit. 2,570,672, Oct. 9.
Hathaway, Jarrett L., Manhasset, and W. Hotine, Bayville, N. Y., assignors to Radio Corporation of America. Electroacoustic transducer set. 2,573,438, Oct. 30.
Hatheway, Edwin R., Jr., Newbury, Mass. Spout with spaced, flexible, peripheral flanges, releasably connectible to the rim of a carton opening. 2,543,909, Mar. 6.
Hathway, David E.: *See*—
Coffey, Samuel, Fairweather, Hathway, and Slinger.
Hatker, Norman W., Chattanooga, Tenn., assignor to Tennessee Valley Authority, Muscle Shoals, Ala. Electric heater. 2,565,769, Aug. 28.
Hatley, Fred J., Maywood, Ill. Aerial projectile game goal. 2,545,615, Mar. 20.
Hatt, Kermit R., Woburn, Mass. Combination leader, trolling spinner, and fishhook. 2,572,721, Oct. 23.
Hattan, Mark, Dayton, Ohio. Signal type torque indicating wrench. 2,537,997, Jan. 16.
Hattaway, Sam M., assignee: *See*—
Page, Joseph H.
Hatteburg, Robert O., Denver, Colo. Rack for delivery automobiles. 2,570,802, Oct. 9.
Hattink, Wilhelmus A., Nijmegen, Netherlands. Adjusting means for cam operated engine valves. 2,565,022, Aug. 21.
Hatton, A. D., Dothan, Ala. Rotary tedder for peanut harvesters. 2,539,834, Jan. 30.
Hatton, Arthur T., West Hartford, and E. K. Sprague, Woodbury, assignors to The Patent Button Company, Waterbury, Conn. Magnetic testing apparatus. 2,577,892, Dec. 11.
Hatton, John A.: *See*—
Peery, Norman E., Cleveland, and Hatton.
Hatton, Willard J., Jackson, Mich., assignor, by mesne assignments, to Bituminous Coal Research, Inc., Washington, D. C. Adjustable temperature responsive device for combustion furnaces. 2,580,173, Dec. 25.
Haubert, Leo, Tulsa, Okla. Hoisting and pulling implement. 2,563,603, Aug. 7.
Haubert, Leo, Tulsa, Okla. Load binder. 2,566,061, Aug. 28.
Haubrich, Earl, assignee: *See*—
Burkland, Carl J.
Haubrick, Robert T., Fort Monmouth, N. J. Hand-carried receptacle. 2,565,076, Aug. 21.
Hauck, Harry J.: *See*—
Highberg, George A., and Hauck.
Hauck, Harry J., New Britain, and G. A. Highberg, West Hartford, Conn., assignors to Modern Tools, Incorporated. Electric gauge. 2,579,569, Dec. 25.
Hauck Manufacturing Company, assignee: *See*—
Turpin, Alexander J.
Turpin, Alexander J., and Parker.
Hauck, Robert M., assignor to Safway Steel Products, Inc., Milwaukee, Wis. Joint. 2,569,632, Oct. 2.
Hauer, Leon C., assignor to M. E. Cunningham Company, Pittsburgh, Pa. Tag forming tool. 2,577,192, Dec. 4.
Hauf, George F., River Forest, assignor to Chicago Metal Mfg. Co., Chicago, Ill. Construction of flexible pipe couplings. 2,546,096, Mar. 20.
Haufe, Ted B.: *See*—
Hartwig, Karl T., and Haufe.
Haufenan, Axel W., assignee: *See*—
Hellkvist, Alf O.
Hauflaire, Harold: *See*—
Davey, George M., and Hauflaire.
Hauflaire, Joseph L., Chicago, Ill. Coin control apparatus. 2,552,675, May 15.
Haufrect, Fred, assignor of twenty per cent to R. Tashnek, Houston, Tex. Episiotomy scissors. 2,568,234, Sept. 18.
Haug, Anton J., Nashua, N. H. Machine for working paper stock and other materials. 2,551,946, May 8.
Haugaard, Gotfred, Oakdale, N. Y., and T. D. Kroner, Beverly, Mass., assignors to United Shoe Machinery Corporation, Flemington, N. J. Chromatographic process and apparatus. 2,555,487, June 5.
Haugen, Edmond H., assignor to The Timken-Detroit Axle Company, Detroit, Mich. Multiposition liquid fuel burner grille. 2,552,550, May 15.
Haugen, Louis M., Chicago, Ill., assignor to Paul L. Karstrom Co. Volumetric package filling machine. 2,540,259, Feb. 6.
Haugh, Richard C., assignee: *See*—
Fraser, Frank H.
Haun, Joye C., San Francisco, Calif., assignor to Electric Steel Foundry, Portland, Oreg. Plug valve. 2,540,668, Feb. 6.
Haun, Joye C., deceased, late of San Francisco, Calif., by F. P. Mills, executrix, assignor to F. P. Mills, Wallowa, Oreg. Plug valve. 2,552,374, May 8.
Haun, Joye C., deceased, late of San Francisco, Calif., by F. P. Mills, executrix, assignor to F. P. Mills, Wallowa, Oreg. Plug valve. 2,552,375, May 8.
Haun, Joye C., deceased, late of San Francisco, Calif., by F. P. Mills, executrix, Wallowa, and J. H. Carter, Portland; said Carter assignor to Electric Steel Foundry, Portland; said Mills, executrix, assignor to F. P. Mills, Wallowa, Oreg. Plug valve. 2,552,376, May 8.
Haun, Joye C., deceased, San Francisco, Calif., by F. P. Mills, executrix, assignor to F. P. Mills, Wallowa, Oreg. Plug valve. 2,552,967, May 15.
Haun, Joye C., deceased, San Francisco, Calif.; by F. P. Mills, executrix, Wallowa, and J. H. Carter, assignors to Electric Steel Foundry, Portland, and F. P. Mills, Wallowa, Oreg. Joint seal. 2,570,673, Oct. 9.
Haupin, Warren E.: *See*—
Miller, Mike A., and Haupin.
Haupt, Walter H., Ludlow, assignor to The Kelly-Koett Manufacturing Company, Covington, Ky. X-ray apparatus. 2,542,196, Feb. 20.
Hauptman, Frederic F., Rego Park, assignor, by mesne assignments, to Kollsman Instrument Corporation, Elmhurst, N. Y. Gyroscope and pendulum control system for airplanes. 2,579,570, Dec. 25.
Haury, Paul T., Raritan Township, Middlesex County, and A. J. Wier, Cranford, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Maintenance bracket. 2,572,617, Oct. 23.
Haury, Paul T., Raritan Township, Middlesex County, and A. J. Wier, Cranford, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Maintenance bracket. 2,572,618, Oct. 23.
Haury, Vernon E.: *See*—
Ballard, Seaver A., and Haury.
Hauschild, Frederick J., Oneonta, N. Y. Flange plow. 2,547,391, Apr. 3.
Hauschild, Frederick J., Oneonta, N. Y. Sliding die type drip molding reshaping tool. 2,556,538, June 12.
Hausen, Carl, Chicago, Ill. Clock. 2,570,803, Oct. 9.
Hauser, Frederick, Los Angeles, Calif., assignor to Western Electric Company, Incorporated, New York, N. Y. Film controlled motor switch. 2,570,944, Oct. 9.
Hauser, John M., assignor to House of Modern Medical Appliances Company, Takoma Park, Md. Stand. 2,537,826, Jan. 9.
Hauser, Joseph E., Akron, assignor to The Serugo Rubber Company, Cuyahoga Falls, Ohio. Making solid rubber rings. 2,566,025, Aug. 28.
Hauser, Richard F., Bergenfield, assignor to Bendix Aviation Corporation, Teterboro, N. J. Producing a magnesium die-casting alloy. 2,575,273, Nov. 13.
Häusermann, Heinrich: *See*—
Zweidler, Reinhard, and Häusermann.
Häusermann, Heinrich, and R. Zweidler, assignors to J. R. Geigy A. G., Basel, Switzerland. Acylated derivatives of certain diamino distyrylbenzene disulfonic acids. 2,547,910, Apr. 3.
Haushalter, Fred L., Akron, Ohio. Adjustable safety razor. 2,567,811, Sept. 11.
Hausman, Ward B., Philadelphia, Pa. Step printer. 2,578,300, Dec. 11.
Hausmann, Joseph A., and E. T. Riedy, Fort Wayne, Ind., assignors to International Harvester Company. Frame and engine supports for clutch control mechanism. 2,569,633, Oct. 2.
Haut, Walter E., assignor of one-half to W. C. Maltby, Chicago Heights, Ill. Cabinet composed of interlocking sections. 2,547,463, Apr. 3.
Havelin, Jules E., Havertown, and F. Kahn, Philadelphia, Pa. Hydrated lime-fly ash-fine aggregate cement. 2,564,690, Aug. 21.
Haven, Roger W., Winchester, assignor to Sylvania Electric Products Inc., Salem, Mass. Lamp holder for elongated fluorescent lamps. 2,545,697, Mar. 20.
Havener, Arthur R., Wayland, assignor to Judson L. Thomson Manufacturing Company, Waltham, Mass. Riveting and like machines with pressure limiting mechanism. 2,578,546, Dec. 11.
Havens, Arthur, Detroit, Mich. Food serving device. 2,564,571, Aug. 14.
Havens, Arthur R., Fort Wayne, Ind., assignor, by mesne assignments, to Farnsworth Research Corporation. Pulse generating device. 2,547,004, Apr. 3.
Havens, Byron L., Cresskill, N. J., assignor to International Business Machines Corporation, New York, N. Y. Ringing oscillator. 2,562,550, July 31.
Havens, Carl B.: *See*—
Serdynsky, Eugene D., Gowing, Wiley, and Havens.
Havens, Carl B., Hope, assignor to The Dow Chemical Company, Midland, Mich. Light stable compositions comprising polymeric vinylidene chloride or vinyl chloride. 2,552,551, May 15.

Havens, Glenn G., assignor to Consolidated Vultee Aircraft Corporation, San Diego, Calif. Linkage for artificial legs. 2,551,537, May 1.

Haverlandt, Otto B., Jr., assignor to Bison Manufacturing Company, Great Falls, Mont. Shipping rig. 2,561,660, July 24.

Haviland, Stanley, E., Absecon, N. J. Snare trap. 2,537,894, Jan. 9.

Havill, Clinton H.: *See*—
Foster, Raymond H., and Havill.

Hawadier, Marcel: *See*—
Gravina, Michel, and Hawadier.

Hawadier, Marie J. A. J., Paris, assignor to Societe Internationale des Brevets et Prise de Son (Ste. anonyme), Clamart, France. Light valve having electrical control means. 2,539,133, Jan. 23.

Hawe, Philip G.: *See*—
Pollitt, Donovan H., and Hawe.

Hawes, Albert H., assignor to Kwikform Limited, Birmingham, England. Extensible trestle. 2,572,928, Oct. 30.

Hawes, Douglas O., Whetstone, London, assignor to The General Electric Company Limited, London, England. System for relaying information indicative of the position of an object. 2,552,172, May 8.

Hawk, Blaine W., Sharpsville, and F. S. Shannon, Sharon, Pa. Mobile parts order pad holder. 2,569,716, Oct. 2.

Hawk, Elwin A., East Rochester, Ohio. Screw conveyer apparatus. 2,556,391, June 12.

Hawk, Elwin A., East Rochester, Ohio. Screw conveyer apparatus. 2,556,392, June 12.

Hawk, Le Roy R.: *See*—
Sharp, Paul F., Peebles, Hawk, and Besemer.

Hawkes, Chester A., assignor to Freezerver Products, Inc., Lansing, Mich. Removable refrigerating unit in truck body. 2,571,445, Oct. 16.

Hawkes, John A.: *See*—
Neilson, John F., and Hawkes.

Hawkins, Aline B., Bellflower, Calif. Gauge. 2,560,571, July 17.

Hawkins, Barbara J., Fresno, Calif. Teaching device. 2,539,077, Jan. 23.

Hawkins, Earl R., assignor to C. H. Hyer & Sons, Olathe, Kans. Boot stretcher. 2,570,552, Oct. 9.

Hawkins, Edwin G. E., Lower Kingswood, Tadworth, England, assignor to The Distillers Company Limited, Edinburgh, Scotland. Production of aliphatic di-ketones. 2,575,014, Nov. 13.

Hawkins, Floyd L.: *See*—
Phillips, William D., and Hawkins.

Hawkins, Floyd L., Birmingham, Ala. Metal balustrade. 2,563,529, Aug. 7.

Hawkins, Floyd L., Birmingham, Ala. Balustrade. 2,563,530, Aug. 7.

Hawkins, Gaylord R., assignee: *See*—
McRae, Thompson.

Hawkins, General A., Dallas, Tex. Drill bit having file teeth. 2,570,945, Oct. 9.

Hawkins, Harry S., Ann Arbor, Mich. Dispensing device. 2,553,764, May 22.

Hawkins, James E., assignor, by mesne assignments, to Seismograph Service Corporation, Tulsa, Okla. System of seismic recording. 2,578,133, Dec. 11.

Hawkins, James E., and B. W. Koeppel, assignors to Seismograph Service Corporation, Tulsa, Okla. Radio position indicating system and apparatus. 2,551,211, May 1.

Hawkins, James E., and J. R. Cornett, assignors, by mesne assignments, to Seismograph Service Corporation, Tulsa, Okla. Seismic signal amplifier. 2,554,905, May 29.

Hawkins, John H., Los Angeles, Calif. Cord reel attachment for telephones. 2,572,478, Oct. 23.

Hawkins, Roe C.: *See*—
Hinckley, Harold A., and Hawkins.

Hawkins, Roy M.: *See*—
Hilkemeier, Louis G., and Hawkins.

Hawkins, Roy M., West Allis, assignor to Chain Belt Company, Milwaukee, Wis. Apparatus for charging and discharging concrete mixers. 2,544,083, Mar. 6.

Hawkins, Wallace H., Panama City, Fla. Automobile tow trailer. 2,541,582, Feb. 13.

Hawkins, William A., assignee: *See*—
Russell, Charles G.

Hawkinson, Paul E., assignor to Paul E. Hawkinson Company, Minneapolis, Minn. Tool for reaming holes in pneumatic tire casings. 2,561,472, July 24.

Hawkinson, Paul E., Company, assignee: *See*—
Hawkinson, Paul E.

Hawkinson, Roy A., Chicago, Ill., assignor to Republic Steel Corporation, Cleveland, Ohio. Keg handling device for lift trucks. 2,558,216, June 26.

Hawks, Douglass, Jr., Lancaster, and E. Van Haaften, Lancaster Township, Lancaster County, assignors to Hamilton Watch Company, Lancaster, Pa. Multiple check comparator gauge. 2,538,311, Jan. 16.

Hawley, Floyd E., Devon, Conn., assignor to Moore Special Tool Co. Inc. Wheel dressing means. 2,555,852, June 5.

Hawley, Harold K., Cincinnati, assignor to The Procter and Gamble Company, Ivorydale, Ohio. Preparation of a coprecipitated nickel-zirconium catalyst. 2,564,331, Aug. 14.

Hawley, Jesse E., Phoenix, Ariz., assignor to Zimmer Manufacturing Company, Warsaw, Ind. Surgical bone saw drive. 2,557,429, June 19.

Hawley, John B., Jr., Minneapolis, Minn. Apparatus for blowing or pumping oil wells. 2,570,553, Oct. 9.

Hawley, Paul F., assignor to Consolidated Engineering Corporation, Pasadena, Calif. Phase sensitive demodulator. 2,562,912, Aug. 7.

Hawley Products Company, assignee: *See*—
Thorp, Clark E.

Hawley, Roger S., Linden, N. J., assignor to Standard Oil Development Company. N-thiotrichloromethyl morpholine and fungicidal compositions containing same. 2,553,774, May 22.

Hawley, Roger S., Linden, N. J., assignor to Standard Oil Development Company. Parasiticidal compositions containing reaction products of mercapto acetic acid esters and perchloromethylmercaptan. 2,553,778, May 22.

Hawley, Roger S., Linden, A. R. Kittleson, Cranford, and P. V. Smith, Jr., Westfield, N. J., assignors to Standard Oil Development Company. N-thiotrichloromethyl amides and parasiticidal compositions containing them. 2,553,775, May 22.

Hawley, Roger S., Linden, and A. R. Kittleson, Cranford, N. J., assignors to Standard Oil Development Company. Parasiticidal compositions containing substituted dithiotrichloro methanes. 2,553,777, May 22.

Hawley, William S., Miami, Fla. Corer. 2,540,393, Feb. 6.

Haworth, James: *See*—
Briggs, Arthur S., and Haworth.

Haworth, Joseph P.: *See*—
Arundale, Erving, and Haworth.

Haworth, Leland J., Belmont, Mass., assignor, by mesne assignments, to the United States of America, as represented by the Secretary of War. Cathode-ray tube apparatus for producing sector scan. 2,573,017, Oct. 30.

Haworth, Leland J., and C. W. Sherwin, Belmont, Mass., assignors, by mesne assignments, to the United States of America as represented by the Secretary of War. Precision angle marker. 2,564,006, Aug. 14.

Haworth, Lionel, Derby, and P. F. Green, Allestree, assignors to Rolls-Royce Limited, Derby, England. Two-position fuel valve for gas-turbine torch igniters. 2,543,366, Feb. 27.

Haworth, Lionel, and C. B. Taylor, assignors to Rolls-Royce Limited, Derby, England. Torque meter in gear drives. 2,578,474, Dec. 11.

Hawthorne, William R., Silver Spring, Md., assignor to Power Jets (Research and Development) Ltd., London, England. Internal-combustion turbine power plant with nested compressor and turbine. 2,548,975, Apr. 17.

Hawtof, Israel J., Brooklyn, assignor to Ivan Sorvall, Inc., New York, N. Y. Stirrer. 2,562,714, July 31.

Hay, Alexarena, Glace Bay, and S. R. McLeod, Sydney, Nova Scotia, Canada. Compressible sectional mattress. 2,559,956, July 10.

Hay, Charles N.: *See*—
Davis, Archibald H., and Hay.

Hay, Forrest J., The Dalles, Oreg. Automatic leveler for harvesters. 2,555,034, May 29.

Hay, Harold R., Bryn Mawr, assignor to Philadelphia Quartz Company, Philadelphia, Pa. Sterilization and clarification of raw waters. 2,567,285, Sept. 11.

Hay, Lehman E., Beaumont, Tex., assignor to Sun Oil Company, Philadelphia, Pa. Collapsible safety guard for derrick ladders. 2,539,664, Jan. 30.

Hay, Russell D., assignee: *See*—
Roman, Michael.

Hay, Victor J.: *See*—
Starr, Arthur T., and Hay.

Hayakawa, Yaichi, New York, N. Y. Interlocking chain stanchion. 2,554,300, May 22.

Haycock, Joseph L., Napanee, Ontario, Canada. Saw blade construction. 2,546,503, Mar. 27.

Haycock, Joseph L., Napanee, Ontario, Canada. Saw blade structure. 2,565,814, Aug. 28.

Hayden, David H., assignor to E. H. Mayer and D. H. Herald, Sarasota, Fla. Smoker's pipe. 2,553,501, May 15.

Hayden, Ernest A.: *See*—
Cory, Frank L., and E. A. Hayden.
Stone, Albert F., and Hayden.

Hayden, Evard A., Des Plaines, Ill. Bowling game ball delivery device. 2,541,583, Feb. 13.

Hayden, Howard L., Emerson, assignor to Bendix Aviation Corporation, Teterboro, N. J. Generator. 2,546,448, Mar. 27.

Hayden, John G., San Francisco, Calif. Self-lifting car elevator. 2,538,517, Jan. 16.

Hayden, John J., Hoosick Falls, assignor to General Aniline & Film Corporation, New York, N. Y. Acid-fading inhibition with certain p,p'-diaminodiphenyl-cyclohexane compounds. 2,526,640, Jan. 2.

Hayden, John J., Hoosick Falls, assignor to General Aniline & Film Corporation, New York, N. Y. Azo safranine leather dyestuffs. 2,554,443, May 22.

Haydock, Jennie, executrix: *See*—
Haydock, William T.

Haydock, William T., deceased, late of Hampton, Iowa, by J. Haydock, executrix, Hampton, Iowa. Seed sowing device. 2,564,255, Aug. 14.
Haydon Manufacturing Company, Inc., assignee: *See*— Hickey, Robert H.
Hayek, Arthur F.: *See*— Mercier, Edward G., and Hayek.
Hayes, Albert E., Jr., assignor to Bendix Aviation Corporation, Towson, Md. Radio-phonograph oscillator-amplifier. 2,548,531, Apr. 10.
Hayes, Boyd G., assignee: *See*— Davitt, Ralph L.
Hayes, Charles P., Fort Wayne, Ind., assignor to General Electric Company. Laminated magnetic core. 2,560,224, July 10.
Hayes, Charles T., assignor to Dynamatic Corporation, Kenosha, Wis. Dynamoelectric torque-transmitting apparatus. 2,542,138, Feb. 20.
Hayes, Frank A., Middletown, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Operation servo control for group-stitch sewing machines. 2,540,730, Feb. 6.
Hayes, Frank A., Middletown, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Automatic pilot with frictional precision and electric follow-up control. 2,559,298, July 3.
Hayes, Harold R., Saranac, N. Y. Spring suspension for vehicles. 2,576,935, Dec. 4.
Hayes, Harvey C., Washington, D. C. Supersonic apparatus. 2,559,618, July 10.
Hayes, Harvey C., Washington, D. C., and P. N. Arnold, Bethesda, Md. Electromagnetic underwater sound projector and receiver. 2,561,368, July 24.
Hayes, Helen F., assignee: *See*— Young, Henry E., and Farnham.
Hayes, John B.: *See*— Andrews, Norman F., and Hayes.
Hayes, John P., Los Angeles, Calif. Striking bag bladder. 2,549,197, Apr. 17.
Hayes, John W., Jr., Roanoke, Va. Sterilizing cabinet for liquid mixers. 2,565,426, Aug. 21.
Hayes, Joseph H., Lawrence, Mass. Detachable connector. 2,579,739, Dec. 25.
Hayes, Maxwell F.: *See*— Hamilton, Francis E., Hayes, and Wolfe.
Hayes, Michael, Dundalk, Md., assignor to Rheem Manufacturing Company, San Francisco, Calif. Spring gate flux dam for galvanizing kettles. 2,544,956, Mar. 13.
Hayes, Norman W., Waltham, Mass. Safety brake. 2,539,538, Jan. 30.
Hayes, Paul V., assignor of one-half to V. R. Van Wey, Pekin, Ill. Septic tank forming means. 2,539,741, Jan. 30.
Hayes, Richard G., Trussville, Ala. Power-operated wood carving tool. 2,543,405, Feb. 27.
Hayes, Robert R., Cleveland, Ohio, assignor to The Reliance Electric & Engineering Co. Electric motor frame having coolant system incorporated therein. 2,571,872, Oct. 16.
Hayes, Stanley A., Pasadena, Calif. Eductor nozzle. 2,571,870, Oct. 16.
Hayes, Stanley A., Pasadena, Calif. Proportioner. 2,571,871, Oct. 16.
Hayes, Stanley W., assignor to Hayes Track Appliance Company, Richmond, Ind. Derail. 2,546,667, Mar. 27.
Hayes, Thomas E., Washington, D. C. Bearing play remover. 2,536,283, Jan. 2.
Hayes, Thomas E., Washington, D. C. Paper money sorting and counting machine. 2,536,284, Jan. 2.
Hayes Track Appliance Company, assignee: *See*— Hayes, Stanley W.
Haygood, Zack G., Atlanta, Ga. Phonograph record filing cabinet. 2,536,547, Jan. 2.
Hayman, Noah O. A.: *See*— Forgette, Alexander J., Spence, and Hayman.
Haynam, Harvey H., Euclid, assignor to The Guarantee Specialty Manufacturing Company, Cleveland, Ohio. Unitary Venetian blind bracket construction. 2,560,765, July 17.
Hayner Corporation, The, assignee: *See*— Gordon, Hayner H.
Hayner, De E. E., Floral Park, N. Y. Stop device for roller skates. 2,551,122, May 1.
Haynes, Alex L., Detroit, and V G. Raviolo, Armada, assignors to Ford Motor Company, Dearborn, Mich. Differential hydraulic power transmission. 2,556,758, June 12.
Haynes, Bryce, Tuckahoe, N. Y., assignor to Audio Devices, Inc. Carton. 2,571,133, Oct. 16.
Haynes, Don A., Lansing, Mich. Convertible camping body for wheeled vehicles. 2,557,347, June 19.
Haynes, Harold E., Indianapolis, Ind., assignor to Radio Corporation of America. Gain control system for facsimile scanning. 2,564,572, Aug. 14.
Haynes, James D., Kilgore, Tex., and O. W. Lyons, Shreveport, La., assignors to The Dow Chemical Company, Midland, Mich. Lining wells. 2,559,536, July 3.
Haynes, Pierre E., Indianapolis, Ind., assignor to Koppers Company, Inc. System for separation of argon from air. 2,545,462, Mar. 20.
Haynes, Robert B., assignee: *See*— Spaleny, George R.
Haynes, Robert L., Indianapolis, Ind., assignor to Radio Corporation of America. Square wave generator. 2,536,641, Jan. 2.
Haynie, Drew W.: *See*— Benton, John E., and Haynie.
Haynie, Jack D., Fayetteville, N. C. Automatic parking timer device. 2,536,178, Jan. 2.
Haynie, Steven K., El Reno, Okla. Fishhook setter. 2,559,537, July 3.
Haynor, Robert L., El Cerrito, assignor to California Research Corporation, San Francisco, Calif. 1,1,2,5-tetrachlorothiophane. 2,578,301, Dec. 11.
Haynosch, Stephen C., Cleveland, Ohio. Adjustable eccentric chuck. 2,541,054, Feb. 13.
Hays, Earl E., Upton, N. Y., assignor to the United States of America as represented by the United States Atomic Energy Commission. Accelerating ions. 2,576,601, Nov. 27.
Hays, George E., Bartlesville, Okla., assignor to Phillips Petroleum Company. Separating high condensation point materials from hydrocarbons. 2,560,645, July 17.
Hays, John T., assignor to Hercules Powder Company, Wilmington, Del. Preparation of copolymer of chloromaleic anhydride and butadiene. 2,540,072, Jan. 30.
Hays Manufacturing Company, assignee: *See*— Miller, Wesley G.
Hays, Richard Y., and J. Nichols, Madison, Tenn., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Coagulating bath circulating eductor. 2,550,808, May 1.
Hays, Russell R., Lawrence, Kans. Jet propulsion engine. 2,553,253, May 15.
Hays, William B., Davenport, Iowa. Sanding tool. 2,553,254, May 15.
Hayslett, Lamar E., Kenmore, and F. M. Schmidt, assignors to The Rudolph Wurlitzer Company, North Tonawanda, N. Y. Telemetering system. 2,578,643, Dec. 11.
Haythornthwaite, James J., Accrington, assignor to T. M. M. (Research) Limited, Rossendale, England. Doffing mechanism for ring spinning, doubling, and twisting machines. 2,570,057, Oct. 2.
Hayward, Arthur S.: *See*— Scott, Richard H., and Hayward.
Hayward, Carle R., Quincy, and L. Wright, Marshfield Hills, assignors to New Enterprises, Inc., Boston, Mass. Extraction of tin from ores and concentrates. 2,547,939, Apr. 10.
Hayward, J. W., assignee: *See*— Stodgell, James C.
Hayward, James R., Washington, Ind., assignor, by mesne assignments, to McCord Corporation, Detroit, Mich. Making heat exchange devices. 2,558,952, July 3.
Hayward, John E. H., and P. H. Calderbank, Birmingham, England, assignors, by mesne assignments, to Union Carbide and Carbon Corporation. Plasticized amino resinous compositions and their preparation. 2,571,240, Oct. 16.
Hayward, John M., Summit, C. A. Johnson, Jr., Murray Hill, and W. R. Neisser, East Orange, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone substation apparatus. 2,553,255, May 15.
Hayward, John T., Tulsa, Okla. Submergible drilling rig foundation and constructing same. 2,540,878, Feb. 6.
Hayward, John T., Tulsa, Okla. Submergible drilling barge and operation. 2,551,375, May 1.
Hayward, John W.: *See*— Zepp, Louis H., and Hayward.
Hayward, Landes H., Los Angeles, Calif. Well cementing apparatus. 2,549,198, Apr. 17.
Haywood, Gerald, Western Port, and C. S. Dayton, Luke, Md., assignors to West Virginia Pulp and Paper Company, New York, N. Y. Coating paper. 2,560,572, July 17.
Haywood, Jesse B., Concord, N. C. Convertible sled and coaster. 2,570,674, Oct. 9.
Hazard, Charles S., New York, N. Y., assignor to Neptune Meter Company. Automatically controlled liquid metering registering system. 2,540,618, Feb. 6.
Hazard, Charles S., Andover, N. J., and J. Shipman, Flushing, N. Y., assignors to Neptune Meter Company. Automatic billing machine for dispensing liquid. 2,538,243, Jan. 16.
Hazard, Charles S., Andover, N. J., and J. Shipman, Flushing, N. Y., assignors to Neptune Meter Company. Automatic billing machine for liquid dispensers. 2,540,617, Feb. 6.
Hazard, Frederick E., Chicago, Ill. Refrigerating device for package goods. 2,538,780, Jan. 23.
Hazel, James F., Havertown, assignor to Philadelphia Quartz Company, Philadelphia, Pa. Production of finely divided amorphous silica. 2,561,304, July 17.
Hazelquist, Svarre E., Longview, assignor to Weyerhaeuser Timber Company, Tacoma, Wash. Preparing magnesium bisulphite cooking liquor. 2,572,929, Oct. 30.
Hazeltine, Alan, Maplewood, N. J., assignor to Hazeltine Research, Inc., Chicago, Ill. Signal-translating system. 2,570,805, Oct. 9.
Hazeltine, James E., Jr., Warren, Pa., and C. S. Carr, Pensacola, Fla., assignors to Armstrong Cork Company, Lancaster, Pa. Hard surface covering. 2,539,420, Jan. 30.

Hazeltine Research, Inc., assignee: *See*—
Brabham, Hugh B. S.
Brunn, Robert B. J.
Curtis, Leslie F.
Dixon, Leslie G.
Duffy, Emmet J.
Eriksen, Kenneth, and Concelman.
Hana, Thomas C.
Hazeltine, Alan.
Hirsch, Charles J.
Jones, Douglas E., Ransley, Ryde, and Williams.
Loughlin, Bernard D.
Loughren, Arthur V.
Rado, John A.
Richman, Donald.
Salati, Octavio M.
Wheeler, Harold A.

Hazelton, George, Leicester, England, assignor to United Shoe Machinery Corporation, Flemington, N. J. Thread-cutting device. 2,572,143, Oct. 23.

Hazelton, Merrill W., assignor to The Cincinnati Shaper Company, Cincinnati, Ohio. Hydraulic work hold-down or clamp. 2,567,641, Sept. 11.

Hazelton, William P., Poughkeepsie, assignor to International Business Machines Corporation, New York, N. Y. Ribbon feeding and rewinding mechanism for typewriting machines. 2,540,031, Jan. 30.

Hazen, James D., and W. D. Merrill, Portland, Oreg. Trigger-operated gun sight. 2,550,694, May 1.

Hazen, Stanley M.: *See*—
Montgomery, Charles W., Gilbert, and Hazen.

Hazen, Wayne C., assignor to Battelle Memorial Institute, Columbus, Ohio. Ore flotation employing ion exchange materials. 2,557,361, June 19.

Hazenfield, Daryold M., assignor to Crown Cork Specialty Corporation, Decatur, Ill. Box carrier. 2,570,804, Oct. 9.

Hazeu, Hendrik A. G., and J. M. Ledeboer, Eindhoven, Netherlands, assignors, by mesne assignments, to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Switching device with time-delay control. 2,536,548, Jan. 2.

Head, Alec: *See*—
Tatem, John A., and Head.

Head, Cornelius R., Houston, Tex. Line cleaner. 2,545,278, Mar. 13.

Head, Henry O., Sherman, Tex. Shirt incorporating water-proof protector. 2,568,544, Sept. 18.

Head, James D.: *See*—
Britton, Edgar C., and Head.

Head, James D., assignor to The Dow Chemical Company, Midland, Mich. Production of o-cresol derivatives. 2,560,950, July 17.

Head, Norman E.: *See*—
Farren, Leslie I., Head, and Levy.

Head, Ralph B., Denver, Colo. Thermostat for water circulating systems. 2,559,073, July 3.

Head, Richard B., Hove, assignor to Cinema-Television Limited, London, England. Alkaline earth oxysulfide phosphor. 2,567,769, Sept. 11.

Head, Robert R., Boulder, Colo. Object holding mechanism for grinding machines. 2,546,504, Mar. 27.

Head, Victor P., Lacey Park, assignor to Fischer & Porter Company, Hatboro, Pa. Rotameter. 2,552,552, May 15.

Head, Walter E., Miami, Okla., assignor to The B. F. Goodrich Company, New York, N. Y. Creel apparatus, including guard support for a cone. 2,545,203, Mar. 13.

Head, Wrightson & Company Limited, assignee: *See*—
Wrightson, Thomas G., and Lake.

Headley, Chester L., assignor to Consolidated Gas Electric Light and Power Company of Baltimore, Baltimore, Md. Differential relay sensitivity adjuster. 2,579,042, Dec. 18.

Headley, Lewis M., New York, N. Y., assignor to the United States of America as represented by the United States Atomic Energy Commission. Bearing test apparatus. 2,539,578, Jan. 30.

Headrick, Lester L., Mars, assignor of one-half to T. L. Connolly, Wilkinsburg, Pa. Elastomer coin receptacle. 2,578,134, Dec. 11.

Heagle, A. R., assignee: *See*—
Maves, Emil W.

Healey, Robert M., assignor to United-Carr Fastener Company of Canada Limited, Hamilton, Ontario, Canada. Nosepiece spacer. 2,541,962, Feb. 13.

Healy, Donald V., Gardiner, N. Y. Automatic rate of speed-change signal system. 2,572,144, Oct. 23.

Healy, Eugene C., Pawtucket, R. I. Automatic bead making machine. 2,544,835, Mar. 13.

Healy, George A., Santa Monica, Calif., assignor to Vernon G. Mandt, Columbus, Ohio. Material moving machine. 2,569,053, Sept. 25.

Healy, James J., New York, N. Y. Hose for irrigating purposes. 2,566,833, Sept. 4.

Healy, Joseph F.: *See*—
Hubbell, Harvey, and Healy.

Heaney, John, Brooklyn, assignor to Treitel-Gratz Co. Inc., New York, N. Y. Table-rail supporting bracket. 2,539,781, Jan. 30.

Heaney, William B., Manteca, Calif. Bearing washing and drying machine. 2,536,129, Jan. 2.

Heaps, Joseph R., assignee: *See*—
Jackson, Lloyd W.

Hearing, Elmer E., assignee: *See*—
Warren, Lawrence N.

Hearle, David H., Rutherford, N. J. Pantograph engraving machine. 2,544,225, Mar. 6.

Hearn, Carl M., Martin, Tenn. Grapple. 2,560,863, July 17.

Hearn, Theodore, Brooklyn, N. Y. Shaft testing machine. 2,547,940, Apr. 10.

Hearne, George W.: *See*—
De Benedictis, Aldo, Ballard, and Hearne.

Hearne, George W., Lafayette, T. W. Evans, Oakland, and V. W. Buls, Walnut Creek, assignors to Shell Development Company, San Francisco, Calif. Preparation of tertiary-alkyl-substituted benzene carboxylic acids. 2,578,654, Dec. 18.

Hearne, Oliver K., Jacksonville, Fla. Fishing float. 2,566,612, Sept. 4.

Hearon, Robert J., Austin, Tex. Jet-propelled boat. 2,556,619, June 12.

Hearst, Maria, assignee: *See*—
Simpson, Joseph A.

Heasley Charles K., assignor to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Sandpaper of improved durability having an adhesive bond which is predominantly water soluble. 2,543,777, Mar. 6.

Heatbath Appliances, Inc., assignee: *See*—
Dufault, Homer D.

Heater, John N.: *See*—
Cannon, Earl, and Heater.

Heath, Clarence W., Bleasby, England, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Fuse holder. 2,537,827, Jan. 9.

Heath, Clarence W., Bleasby, England, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Resilient sheet metal detachable clip. 2,563,240, Aug. 7.

Heath, Clarence W., Bleasby, England, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Sheet metal fastener for securing members to supports. 2,567,884, Sept. 11.

Heath, Clifford J., Phoenix, Ariz., C. A. Lawrence, Pinckney, Mich., and H. R. Kolar, assignors to Consolidated Cosmetics, Chicago, Ill. Antiseptic dental plate adhesive. 2,574,476, Nov. 13.

Heath, Robert B.: *See*—
Herzog, Gerhard, Lord, Evans, and Heath.

Heath, Sheldon B., assignor to The Dow Chemical Company, Midland, Mich. Manufacture of catalyst. 2,542,813, Feb. 20.

Heathcote, Charles W., Jr., and G. R. Rettew, West Chester, assignors to Wyeth Incorporated, Philadelphia, Pa. Extraction of penicillin. 2,562,715, July 31.

Heaton, William G.: *See*—
Chadwick, Richard, and Heaton.

Heaton, William H., Jr., Chattanooga, Tenn. Automatic chuck. 2,578,245, Dec. 11.

Heaton-Armstrong, Louis J., London, England, assignor to International Standard Electric Corporation, New York, N. Y. Radio telegraph transmitter. 2,541,055, Feb. 13.

Hebard, Glen G., Bartlesville, Okla., assignor to Phillips Petroleum Company. Porosimeter and using same. 2,537,668, Jan. 9.

Hebard, Glen G., Bartlesville, Okla., assignor to Phillips Petroleum Company. Polish rod stuffing box. 2,567,479, Sept. 11.

Hebbard, Charles B., Arlington, Va. Apparatus for multiple separation in heavy density mediae. 2,563,332, Aug. 7.

Hebbel, Emil E., Jr., Milmont Park, Pa., assignor to General Electric Company. Switchgear drawout mechanism. 2,544,314, Mar. 6.

Hebden, Roland, Jr., Chestertown, Md. Flexible strap screw cap remover. 2,557,601, June 19.

Hebel, Carl G., Leonia, and E. A. Crawford, Cliffside Park, assignors to Sperry Products, Inc., Hoboken, N. J. Compensating for fluid loss in hydraulic transmission systems. 2,540,879, Feb. 6.

Hebeler, Edward S., Williamsville, N. Y. Spring clamp connector. 2,547,080, Apr. 3.

Heber, Michael, deceased, by E. Recksiek, executrix, San Jose, assignor to H. H. Armstrong, San Francisco, Calif. Mop wringer. 2,567,708, Sept. 11.

Heberding, Harold E., Columbus, Ohio, assignor to Curtiss-Wright Corporation. Aircraft control system. 2,548,787, Apr. 10.

Hebert, Harold C., Tampa, Fla., assignor to American Can Company, New York, N. Y. Conveyer runway switch and control. 2,558,751, July 3.

Hebert, John W., assignor to Valley Welding & Boiler Co., Bay City, Mich. Incinerator structure with gas burner, flame inspection reflector, and vent pipe assembly. 2,562,270, July 31.

Hebert, Loree W., Sulphur, La. Load handling roller-jack for trucks. 2,567,335, Sept. 11.

Hebert, Roy P., assignor of 15 per cent to J. E. Domengeaux, Lafayette, La. Gas timing and metering valve. 2,571,713, Oct. 16.

Hebler, William O., Westfield, N. J. Gas analysis apparatus. 2,565,230, Aug. 21.

Hebo, Halfdan, New York, N. Y. Estrone-cyclo-ethanolamine. 2,557,655, June 19.

Hecht, George, Astoria, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Coordinate selecting and lockout circuit. 2,542,672, Feb. 20.

Hecht, George, Astoria, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Coordinate selecting and lockout circuit. 2,578,701, Dec. 18.
Heck, James R., Baltimore, Md., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Communication apparatus. 2,579,571, Dec. 25.
Heck, John, Sr., and H. A. Merkel, San Diego, Calif. Automobile window wind deflector. 2,564,972, Aug. 21.
Heck, John T.: *See*—
Du Mais, Leo J., and Heck.
Heck, Joseph, assignor of one-half to H. C. Gollmer, New York, N. Y. Valve with built-in operating cylinder for pressure fluid operations. 2,574,262, Nov. 6.
Heck, William R., assignee: *See*—
Le Bron, Roderick, and Heck.
Heckathorn, Loyd, Garden Grove, and H. B. Rapp, assignors to H. B. and J. M. Rapp, G. A. and M. A. Sattler, B. R. Twsit, M. K. Thomas, and H. B. Rapp, Jr., copartners doing business as Towner Manufacturing Company, Santa Ana, Calif. Implement construction. 2,550,475, Apr. 24.
Heckel, Herman C. N., Oxford, and A. C. Salisbury, assignors to The Champion Paper and Fibre Company, Hamilton, Ohio. Making high wet strength paper. 2,536,285, Jan. 2.
Heckendorn, Alphonse: *See*—
Felix, Friedrich, Heckendorn, and Widmer.
Widmer, William, and Heckendorn.
Hecker, Arthur C.: *See*—
Leistner, William E., Hecker, and Knoepke.
Hecker, August, Munchenstein, near Basel, assignor to Ciba Limited, Basel, Switzerland. Manufacture of sulfur dioxide. 2,539,579, Jan. 30.
Hecker, Harvard K., Clayton, assignor to Curtis Manufacturing Company, St. Louis, Mo. Aligning means for vehicle hoists. 2,580,091, Dec. 25.
Heckert, Frederick W., Dayton, Ohio. Grill-spatula assembly. 2,579,258, Dec. 18.
Heckert, Frederick W., and H. W. Lake, Dayton, Ohio. Leveling and contouring apparatus. 2,570,122, Oct. 2.
Heckert, James H., Dravosburg, Pa. Nonloosening safetv bolt. 2,537,527, Jan. 9.
Heckman Company, The, assignee: *See*—
Suter, Marcel, and Chedister.
Heckman, Harry W., Seaford, N. Y. Paintbrush guide attachment. 2,553,453, May 15.
Hecomovich, John, San Mateo, Calif., assignor to the United States of America as represented by the United States Atomic Energy Commission. Apparatus for the measurement of radioactivity. 2,567,668, Sept. 11.
Hedbäck, Tore J.: *See*—
Dalin, David, Hedbäck, Gejrot, and Johansson.
Hedberg, Carl W. J., Bound Brook, N. J., assignor to Research Corporation, New York, N. Y. Traveling carriage electrode rapper. 2,550,809, May 1.
Hedberg, Carl W. J., Bound Brook, N. J., assignor to Research Corporation, New York, N. Y. Electrical precipitation apparatus. 2,554,247, May 22.
Hedberg, Carl W. J., Bound Brook, N. J., assignor to Research Corporation, New York, N. Y. Disposable electrode assembly. 2,555,339, June 5.
Hedberg, Carl W. J., Bound Brook, N. J., assignor to Research Corporation, New York, N. Y. Electrical precipitator with dual discharge electrodes. 2,567,709, Sept. 11.
Hedding, Linnie K.: *See*—
Gilson, Robert M., and Hedding.
Hedding, Linnie K., Wilkinsburg, and R. H. Zetwo, Swissvale, assignors to Westinghouse Air Brake Company. Rectifier assembly. 2,574,783, Nov. 13.
Heddon's, James, Sons, assignee: *See*—
Willman, Walter.
Hedeman, Walter R., Jr., Baltimore, Md., assignor to Bendix Aviation Corporation, South Bend, Ind. Circuit for the generation of a linearly varying current. 2,548,532, Apr. 10.
Hedeman, William N., and C. L. Stone, Cincinnati, Ohio, assignors to National Lead Company, New York, N. Y. Liquid strainer. 2,567,376, Sept. 11.
Hedenburg, Oscar F., Pittsburgh, Pa., assignor to H. W. Moburg, trustee, Toledo, Ohio. Methylenedioxyphenyl compounds containing sulfur as insecticide and pyrethrin synergists. 2,578,302, Dec. 11.
Hedgecock, Thomas L., assignor to Hanes Hosiery Mills Company, Winston-Salem, N. C. Stocking and production. 2,580,022, Dec. 25.
Hedges, Beatrice, Fairibault, Minn. Ironing board attachment. 2,554,983, May 29.
Hedges, Harry O., Seattle, Wash., assignor to The Tabor Manufacturing Company, Philadelphia, Pa. Motor vehicle control mechanism. 2,542,410, Feb. 20.
Hedges, Harry O., assignor to Hedges Motor Company, Seattle, Wash. Internal-combustion engine cylinder lubrication. 2,556,273, June 12.
Hedges, Lee M., Somerville, N. J., assignor to Johns-Manville Corporation, New York, N. Y. Method and apparatus for insulating refrigerators and the like. 2,559,356, July 3.
Hedges Motor Company, assignee: *See*—
Hedges, Harry O.
Hedges, Ralph E.: *See*—
Isenberg, Alexander H., and Hedges.
Hedgpeth, Edward B., Salt Lake City, Utah. Spring caster wheel assembly for automotive couplers and the like. 2,577,244, Dec. 4.
Hedley, Arthur G. M., Northwich, England, assignor to Imperial Chemical Industries Limited. Anhydrous calcium chloride process. 2,556,184, June 12.
Hedley, Herbert S., Banning, Calif. Radius guide for cuting torches. 2,547,320, Apr. 3.
Hedley, Percy E., Hamiota, Manitoba, Canada. Snow and soil remover. 2,552,426, May 8.
Hedlund, Frans O. H., Motala, assignor to Aktiebolaget Hägglund & Söner, Örnskoldsvik, Sweden. Vapor bath stove. 2,557,656, June 19.
Hedrick, Glen W., Glen Ellyn, Ill., assignor to E. F. Houghton and Company, Philadelphia, Pa. Sulfonic acid surface active agent and preparation. 2,548,017, Apr. 10.
Hedrick, Glen W., Glen Ellyn, Ill., assignor to E. F. Houghton and Company, Philadelphia, Pa. Sulfonic acid surface active agent and preparation. 2,548,018, Apr. 10.
Hedrick, Glen W., Glen Ellyn, Ill., assignor to E. F. Houghton and Company, Philadelphia, Pa. Sulfonic acid surface active agent and preparation. 2,548,019, Apr. 10.
Hedrick, Glen W., Glen Ellyn, Ill., assignor to E. F. Houghton and Company, Philadelphia, Pa. Sulfonic acid surface active agent and preparation. 2,548,020, Apr. 10.
Hedrick, Glen W., Glen Ellyn, Ill., assignor to E. F. Houghton and Company, Philadelphia, Pa. Sulfonic acid surface active agent and preparation. 2,548,021, Apr. 10.
Hedstrom, Eric L., M. C. Otto, and C. E. Gooderham, Buffalo, N. Y. Box or carton stripper machine. 2,548,370, Apr. 10.
Hedström, Sven-Eric: *See*—
Krabbe, Ulrik, and Hedström.
Hedwall, Fredrick A., Sacramento, Calif. Sausage forming machine. 2,542,673, Feb. 20.
Heed, Jack N., Larchmont, N. Y. Inverter tube protective device. 2,549,807, Apr. 24.
Heer, Benjamin F., La Crosse, Wis. Aircraft with adjustable glide control channels. 2,572,147, Oct. 23.
Heer, Bernice C., assignee: *See*—
Heer, Frederick C.
Heer, Frederick C., assignor of fifty per cent to B. C. Heer, Detroit, Mich. Cabinet having pivotally mounted rack. 2,555,644, June 5.
Heer, Jules: *See*—
Miescher, Karl, and Heer.
Heer, Ralph W., assignor to Pioneer Engineering Works, Inc., Minneapolis, Minn. Conveyer support and transport truck. Re. 23,353, Apr. 10.
Heeren, Luitjen H., Westmount, Quebec, Canada. Window roller screen. 2,560,440, July 10.
Heeren, Vernon L., Washington, D. C. Low-frequency pulse rate indicator. 2,562,913, Aug. 7.
Hefco Laboratories, assignee: *See*—
Hannum, John A.
Heffelfinger, Horace J., assignee: *See*—
Otto, Raymond A.
Heffelfinger, Robert D., Lansdowne, Pa., assignor to American Viscose Corporation, Wilmington, Del. Hydraulically driven twisting apparatus. 2,576,936, Dec. 4.
Hefferman, Robert C., Garden City, N. Y., and F. N. Dickerman, Nichols, assignors to United Aircraft Corporation, East Hartford, Conn. Combination parachute and crash harness. 2,542,248, Feb. 20.
Heflin, Carol N., Lodi, Calif., now by change of name, C. N. Morris. Ear protector. 2,570,675, Oct. 9.
Heflin, Floyd: *See*—
Frederick, Carlton, and Heflin.
Hefner, John P., Houston, Tex. Gasoline driven hammer. 2,574,103, Nov. 6.
Heftler, Paul, Chicago, Ill. Metal-edge filter stack washer. 2,547,941, Apr. 10.
Heftmann, Erich, Boston, Mass. Screening method for blood glucose. 2,541,056, Feb. 13.
Hegarty, Charles P., Lansdowne, and W. F. Verwey, Springfield, assignors to Sharp & Dohme, Incorporated, Philadelphia, Pa. Therapeutic compositions. 2,544,630, Mar. 6.
Hegbar, Howard R.: *See*—
Wendt, Karl R., and Hegbar.
Hegedüs, Ede, Budapest, Hungary. Hollow spinning or twisting member. 2,557,104, June 19.
Hegel, George W., Glenville, N. Y., assignor to General Electric Company. Transfer car operating mechanism. 2,554,984, May 29.
Hegeman, Franklyn P., Union, N. J., assignor to General Motors Corporation, Detroit, Mich. Bearing mounting for spindles. 2,556,368, June 12.
Hegenbarth, Francis, Wilkes-Barre, Pa. Varying diameter vertical tube evaporator. 2,556,186, June 12.
Hegenbarth, Francis, assignor to Vulcan Iron Works, Wilkes-Barre, Pa. Distance and bearing plate for cane mills. 2,571,873, Oct. 16.
Hegewald, Arthur F., New Albany, Ind. Baby seat support. 2,551,267, May 1.
Hegnauer, Paul, assignor to Ruf-Buchhaltung Aktiengesellschaft, Zurich, Switzerland. Typewriting machine with a second ribbon and guiding the same. 2,539,622, Jan. 30.

Hegner, Richard J., Newberg, Oreg. Machine for teaching perspective drawing. 2,556,620, June 12.

Hegyi, Imre J.: *See*—
Leverenz, Humboldt W., and Hegyi.

Hegyi, Imre J., Princeton, N. J., assignor to Radio Corporation of America. Mixed ferrite compositions, including lithium ferrite. 2,549,089, Apr. 17.

Hehr, Frederick G., Santa Monica, Calif. Sound recording and reproducing apparatus. 2,547,464, Apr. 3.

Heiberger, Philip, Brooklyn, assignor, by mesne assignments, to America Chicle Company, Long Island City, N. Y. Producing maleic adducts. 2,537,134, Jan. 9.

Heidbrink, Jay A., Minneapolis, Minn., assignor to Air Reduction Company, Incorporated, New York, N. Y. Cooling air or oxygen enriched air within an enclosure. 2,550,810, May 1.

Heiden, Harry J., assignee: *See*—
White, Charles S.

Heidegger, Henry F., Glen Ridge, assignor to International Projector Corporation, Bloomfield, N. J. Adjusting the sound and picture heads of motion-picture projecting machines. 2,558,248, June 26.

Heider, Rudolph L., Dayton, Ohio, assignor to Monsanto Chemical Company, St. Louis, Mo. Ethylene oxide process and catalyst therefor. 2,554,459, May 22.

Heidloff, Joseph R., assignor to Hydraulic Brake Company, Detroit, Mich. Tilting valve master cylinder for hydraulic brakes. 2,574,969, Nov. 13.

Heidmann, Leon, Jeumont, assignor to Societe Anonyme dite: Forges et Ateliers de Constructions Electriques de Jeumont, Paris, France. Automatic control of electric locomotives. 2,538,868, Jan. 23.

Heidmann, Leon, Jeumont, assignor to Societe Anonyme dite: Forges et Ateliers de Constructions Electriques de Jeumont, Paris, France. Remote control circuit breaker. 2,552,427, May 8.

Heidner, Richard C., Hartford, assignor to West Bend Aluminum Co., West Bend, Wis. Manually operated starting device for outboard motors. 2,566,834, Sept. 4.

Heidrick, Fred C. and J. A., Woodland, Calif. Material handling industrial truck. 2,578,802, Dec. 18.

Heidrick, Joseph A.: *See*—
Heidrick, Fred C. and J. A.

Heigl, John J.: *See*—
Muly, William, and Heigl.

Heigle, Woodrow W.: *See*—
Kremer, Merle W., and Heigle.

Heijink, Abraham, Winterswijk, Netherlands, assignor to Koninklijke Tricotfabriek G. J. Willink N. V. Stop-motion mechanism for thread working machines. 2,538,518, Jan. 16.

Heijmer, Gustaf B., Stockholm, Sweden. Water-in-oil type emulsions. 2,567,433, Sept. 11.

Heijmer, Gustaf B., Enebyberg Bror Eric Sandå and K. G. Trobeck, Stockholm, Sweden. Building construction. 2,541,871, Feb. 13.

Heikens, Dale J., Everly, Iowa. Corn harvester adjusting means. 2,565,815, Aug. 28.

Heil, Donald W.: *See*—
Walsh, Thomas J., Ladd, and Heil.

Heil, John P., Melrose Park, Ill. Combination lawn mower and snowplow. 2,566,724, Sept. 4.

Heiles, Alfred, Oceanport, N. J., assignor to the United States of America as represented by the Secretary of War. Portable knockdown building. 2,564,691, Aug. 21.

Heim, Lewis R., Fairfield, Conn. Making and assembling bearings and the like. 2,541,160, Feb. 13.

Heiman, Harry, assignor of one-half to H. M. Plehn, New York, N. Y. Bust-measuring device. 2,575,343, Nov. 20.

Heimann, Heinrich, New York, assignor to Waldes Koh-I-Noor, Inc., Long Island City, N. Y. Self-locking retaining ring. 2,574,034, Nov. 6.

Heimann, Heinrich, New York, and L. Brozek, Jackson Heights, assignors to Waldes Koh-I-Noor, Inc., Long Island City, N. Y. Retaining ring assembly. 2,544,631, Mar. 6.

Heimann, Heinrich, New York, and H. K. Waldes, Jackson Heights, assignors to Waldes-Koh-I-Noor, Inc., Long Island City, N. Y. Retaining ring. 2,547,263, Apr. 3.

Heimann, Heinrich, New York, and H. Wurzel, Bronx, assignors to Waldes Kohinoor, Inc., Long Island City, N. Y. Retainer for shafts, pins and the like. 2,558,704, June 26.

Heimsch, Robert A.: *See*—
Emerson, William S., and Heimsch.
Emerson, William S., Shafer, and Heimsch.

Hein, Albert, New York, and G. Maxe, Long Island City, N. Y. Traction device. 2,553,969, May 22.

Hein, Carl C.: *See*—
Well, Richard H., and Hein.

Hein, Harold W., Chicago, Ill., assignor to International Harvester Company. Piston type homogenizer mechanism. 2,546,745, Mar. 27.

Heindel, Herbert H.: *See*—
Holmes, Burton F., and Heindel.

Heine, George F., Ferndale, Mich. Device for facilitating the checking of storage batteries. 2,570,123, Oct. 2.

Heine, Henry W., Washington, D. C. Acoustical tile composition and making acoustical tiles. 2,552,553, May 15.

Heineman, Arnold H., Chicago, Ill., assignor, by mesne assignments, to Guardite Corporation, Wilmington, Del. Drying refrigerator coils. 2,549,809, Apr. 24.

Heineman, Arnold H., Chicago, Ill., assignor, by mesne assignments, to Guardite Corporation, Wilmington, Del. Drying of bulk products. 2,560,573, July 17.

Heineman, Ruth T., Norwood, and J. F. Miller, Deer Park, Ohio; said Miller assignor to said Heineman. Modeling clay package. 2,558,650, June 26.

Heinemann, Felix, Philadelphia, Pa. Deliming and deswelling hides with beet sugar molasses waste liquor extract. 2,556,649, June 12.

Heinemann, Heinz, assignor to Porocel Corporation, Philadelphia, Pa. Desulfurization of hydrocarbons. 2,537,756, Jan. 9.

Heinemann, Heinz, Drexel Hill, assignor to Porocel Corporation, Philadelphia, Pa. Hardening bauxite with colloidal silica. 2,563,650, Aug. 7.

Heinemann, Otto C., Milwaukee, Wis. Ticket holder and punch. 2,571,875, Oct. 16.

Heining, William, Pasadena, Calif. Snow removal apparatus. 2,543,166, Feb. 27.

Heinle, Carl W., East Orange, N. J., assignor to American Can Company, New York, N. Y. Apparatus for producing containers. 2,536,055, Jan. 2.

Heinle, Carl W., East Orange, and R. E. J. Nordquist, Maplewood, N. J., assignors to American Can Company, New York, N. Y. Apparatus for producing frangible seal container parts. 2,549,808, Apr. 24.

Heinle, Lawrence A., Toledo, Ohio. Tag. 2,554,105, May 22.

Heinmiler, Burton P.: *See*—
Funderburg, Joe D., and Heinmiller.

Heinn Company, The, assignee: *See*—
Panfil, Conrad J., Sr.

Heinold, Cassius D., and H. J. Corn, Anderson, Ind. Nail corrector. 2,567,601, Sept. 11.

Heinrich, August H., Euclid, assignor to Metal Seal and Products, Inc., Cleveland, Ohio. Mechanical movement. 2,538,620, Jan. 16.

Heinrich, Herbert, assignor to Kolmar Laboratories, Inc., Milwaukee, Wis. Molding a cosmetic. 2,573,141, Oct. 30.

Heinrich, Raymond L., Baytown, Tex., assignor, by mesne assignments, to Standard Oil Development Company, Elizabeth, N. J. Quality of olefin polymer lubricants. 2,540,580, Feb. 6.

Heinrich, Raymond L., Baytown, Tex., assignor, by mesne assignments, to Standard Oil Development Company, Elizabeth, N. J. Treatment of naphtha containing oxygenated bodies. 2,542,516, Feb. 20.

Heinrich, Raymond L., Baytown, Tex., assignor, by mesne assignments, to Standard Oil Development Company, Elizabeth, N. J. Preparing an olefin polymerization feedstock. 2,570,032, Oct. 2.

Heinrichs, Charles E.: *See*—
Hewett, Louis F., and Heinrichs.

Heintz, James C., Lakewood, Ohio. Repair mold. 2,566,797, Sept. 4.

Heintz Manufacturing Company, assignee: *See*—
Lambert, Francis M.

Heintz, Ralph M., Cleveland, J. W. Frazier, Shaker Heights, and L. J. Koch, assignors to Jack & Heintz Precision Industries, Inc., Cleveland, Ohio. Crankshaft bearing assembly. 2,547,465, Apr. 3.

Heintz, Ralph M., Cleveland, and W. T. Buhl, Shaker Heights, assignors, by mesne assignments, to Jack & Heintz Precision Industries, Inc., Cleveland, Ohio. Antifriction bearing assembly sealing means. 2,566,448, Sept. 4.

Heinz, Bernard, Scranton, Pa. Luminous attachment for locks. 2,558,433, June 26.

Heinz, Bernard, Scranton, Pa. Luminous attachment for door knobs. 2,566,490, Sept. 4.

Heinz, Bernard, Scranton, Pa. Luminous attachment for locks. 2,579,146, Dec. 18.

Heinz, Walter E.: *See*—
MacLean, Alexander F., and Heinz.

Heinzelmann, Richard V., assignor to The Upjohn Company, Kalamazoo, Mich. Purification of nicotinamide. 2,544,157, Mar. 6.

Heinzelmann, Richard V., assignor to The Upjohn Company, Kalamazoo, Mich. Oxy substituted aminoindanones. 2,549,683, Apr. 17.

Heinzelmann, Richard V., assignor to The Upjohn Company, Kalamazoo, Mich. Methoxy substituted 2-aminoindanols. 2,549,684, Apr. 17.

Heinzelmann, Richard V., assignor to The Upjohn Company, Kalamazoo, Mich. Dioxy substituted 2-aminoindanols. 2,549,685, Apr. 17.

Heinzelmann, Richard V., assignor to The Upjohn Company, Kalamazoo, Mich. Preparation of alkyl-aralkyl ketones. 2,557,051, June 12.

Heinzman, Bernard J.: *See*—
Le Claire, Eugene J., and Heinzman.

Heirloom Needle Work Guild, Inc., assignee: *See*—
Kittner, Harry.

Heise, Frederick F.: *See*—
Hagemann, Hans H., and Heise.

Heise, George W.: *See*—
Fischer, Charles R., Heise, and Schumacher.

Heise, George W., Rocky River, Ohio, assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Ground electrode and backfill. 2,553,654, May 22.

Heise, Howard L.: *See*—
Bruce, Donald S., and Heise.

Heise, Paul A., Pasadena, Calif. Signal for model railroads. 2,540,481, Feb. 6.
Heisey, A. H., & Company, assignee: *See*—
Cobel, Ray C.
Heishman, Garrett L., Sr., Camp Hill, Pa. Fountain paintbrush for use in painting corner areas. 2,554,571, May 29.
Heisig, Garth J.: *See*—
Fyler, George W., and Heisig.
Heising, Raymond A., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Communication system. 2,539,623, Jan. 30.
Heiskell, Herbert C., Joplin, Mo. Automatic rafter square. 2,574,035, Nov. 6.
Heiskell, Theodore W.: *See*—
Neubaure, Joseph A., and Heiskell.
Heisler, Harold, assignor to Kluson Manufacturing Company, Chicago, Ill. Tie rack. 2,562,093, July 24.
Heisler Machine and Tool Co., assignee: *See*—
Isella, John J.
Heitshu, Daniel C., assignor to Deere & Company, Moline, Ill. Self-propelled vehicle with articulate frame sections and power plant support. 2,543,319, Feb. 27.
Heitzig, Frederick F., Fieldon, Ill. Two-way plow. 2,573,969, Nov. 6.
Heizer, Edward J., West Caldwell, assignor to Specialties Development Corporation, Belleville, N. J. Yarn tensioning device. 2,554,493, May 29.
Hejduk, Arthur A., assignor to The Meriam Instrument Company, Cleveland, Ohio. Pressure measuring apparatus. 2,562,494, July 31.
Helberg, Vernon C., Evergreen Park, Ill. Headed axle or rod and making same. 2,560,290, July 10.
Helbig, Hugo, Racine, Wis. Quick-acting vise. 2,568,393, Sept. 18.
Helbush, Herman H., assignee: *See*—
Wallace, Frank C.
Held, Arnold L., Kansas City, Mo. Automatic deodorizer. 2,561,861, July 24.
Held, John W., Fairview, assignor to Tube Craft, Inc., Cleveland, Ohio. Safety partition. 2,560,106, July 10.
Held, Joseph E., assignor to American Cystoscope Makers, Inc., New York, N. Y. Surgical instrument. 2,541,246, Feb. 13.
Heldenbrand, Arthur P., Oklahoma City, Okla. Thread cleaning and truing device. 2,567,480, Sept. 11.
Heldens, Peter H., assignor to Chemische Fabriek L. Van Der Grinten, Venlo, Netherlands. Exposure apparatus for contact printing. 2,572,930, Oct. 30.
Heldmaier, Luis, Leicester, England. Treatment of stockings and other knitted articles. 2,550,559, Apr. 24.
Heldmaier, Luis, Leicester, England. Treatment of stockings and other knitted articles. 2,574,970, Nov. 13.
Heldmann, Henry J., assignor to Cress Laboratories, Kitchener, Ontario, Canada. Adhesive bandage. 2,544,315, Mar. 6.
Helfrecht, Fred A.: *See*—
Rainey, Rexton S., Stewart, and Helfrecht.
Heli-Coil Corporation, assignee: *See*—
Forster, John O.
Helicopter Corporation of America, assignee: *See*—
de Bothezat, George.
Helio Aircraft Corporation, assignee: *See*—
Koppen, Otto C.
Hellberg, Carl W., Chicago, Ill. Filtering device. 2,556,539, June 12.
Helle, Robert H., Media, Pa., assignor to American Viscose Corporation, Wilmington, Del. Cellular products comprising acrylonitrile polymers. 2,572,931, Oct. 30.
Hellen, James S., Ramsey, assignor to Bendix Aviation Corporation, Bendix, N. J. Gun sight. 2,561,924, July 24.
Hellenberg, Harry D., and H. J. Auramo, Helsingfors, Finland. Drying apparatus. 2,538,363, Jan. 16.
Heller, Edward S., assignee: *See*—
Goss, Worth C.
Heller, Ferdinand P.: *See*—
Snyder, Eugene, and Heller.
Heller, Franz: *See*—
Huck, William F., and Heller.
Huck, William F., Heller, and Albrecht.
Heller, Herman S.: *See*—
Ross, Donald E., and Heller.
Heller, Isaac, Brooklyn, N. Y., assignor to Remco Industries, Newark, N. J. Magnetic sound-powered telephonic unit. 2,536,179, Jan. 2.
Heller, John K., assignor to Gasair Corporation, San Francisco, Calif. Valve. 2,552,785, May 15.
Heller, Joseph I., Brooklyn, N. Y., assignor, by mesne assignments, to M. Wallace, doing business as Panoramic Laboratories, East Port Chester, Conn. Frequency modulated printing. 2,564,973, Aug. 21.
Heller, Maximilian, London, England. Automatically adjustable chair or the like. 2,540,823, Feb. 6.
Heller, Maximilian, London, England. Resilient cushioning support for chairs or the like. 2,574,871, Nov. 13.
Heller, Richard D., Tujunga, Calif. Wire straightener. 2,567,770, Sept. 11.
Heller, William, Packanack Lake, N. J., and L. O. Stammberger, Milwaukee, Wis.; said Heller assignor to Schock, Gusmer & Co., Inc., Hoboken, N. J. Cereal and mash cooker. 2,553,582, May 22.
Heller, William D., Isabella, Pa., assignor to National Steel Corporation. Belt cleaning device. 2,551,123, May 1.
Hellier, Edward G.: *See*—
Clough, Philip J., Morse, Hellier, and Stauffer.
Helling, Johannes H., Rotterdam, Netherlands. Conveying device. 2,559,299, July 3.
Helling, Johannes H., Rotterdam, Netherlands. Shaft closing for lifts. 2,562,094, July 24.
Helling, Wilhelm, Gloversville, N. Y. Cuckoo door alarm. 2,568,626, Sept. 18.
Helliwell, Guy S., and J. L. Swindall, assignors to Mellor Bromley & Co. Limited, trading as Samuel Pegg & Son, Leicester, England. Machine for treating textile goods with dyes and other liquids. 2,544,424, Mar. 6.
Hellkvist, Alf O., Stockholm, assignor of thirty per cent to N. Ericsson, Vagnharad, and thirty per cent to A. W. Haufenan, Stockholm, Sweden. Spring-actuated clothespin. 2,572,619, Oct. 23.
Hellmann, Jay T., Chicago, Ill. Safety razor. 2,537,528, Jan. 9.
Hellmann, Jay T., Chicago, Ill. Safety razor. 2,569,167, Sept. 25.
Hellmann, Reinhard K.: *See*—
Keinath, George, and Hellmann.
Hellsten, Sven E. J., assignee: *See*—
Zandelin, Gustaf A. and J. S.
Hellstrom, Axel G., assignor to Aktiebolaget Elektrolux, Stockholm, Sweden. Absorption refrigeration system. 2,561,369, July 24.
Hellwig, Rudolph H., Glendale, Calif. Spring stabilizer attachment. 2,578,702, Dec. 18.
Hellwig, Rudolph H., Sun Valley, assignor of 20% to Cameron B. Aikens, Los Angeles, Calif. Spring suspension for vehicles. 2,569,168, Sept. 25.
Helm, Helen, assignee: *See*—
Helm, Robert.
Helm, Robert, Palo Alto, Calif., assignor by decree of distribution to H. Helm. Vibration actuated transfer device. 2,572,339, Oct. 23.
Helm, William J., assignee: *See*—
Schnee, Russell D.
Helman, Clifford S., and A. R. Blunk, Dayton, Ohio. Fish lure. 2,547,264, Apr. 3.
Helme, Thomas, Albany, N. Y. Pasteurizing device. 2,548,788, Apr. 10.
Helmers, Carl J.: *See*—
Mathy, Eugene V., and Helmers.
Mills, King L., Jr., and Helmers.
Helmholtz, Kurt, deceased, Flensburg, Germany; M. K. Helmholtz, administratrix, assignor to Goodcliff-Eecen Industries Pty. Limited, Sydney, Australia Coating composition. 2,580,023, Dec. 25.
Helmholtz, Margarete K., administratrix: *See*—
Helmholtz, Kurt.
Helminak, John E., Washington, D. C., assignor to the United States of America as represented by the Secretary of the Navy. Wire stripper for stripping outer conductors from coaxial lines. 2,553,316, May 15.
Helmond, William F., Clinton, Conn., assignor to Underwood Corporation, New York, N. Y. Typewriter ribbon feed mechanism. 2,554,028, May 22.
Helmond, William F., Clinton, Conn., assignor to Underwood Corporation, New York, N. Y. Paper feeding means for typewriting and like machines. 2,555,645, June 5.
Helmond, William F., Clinton, Conn., assignor to Underwood Corporation, New York, N. Y. Carriage retarding device. 2,568,497, Sept. 18.
Helmond, William F., Clinton, Conn., assignor to Underwood Corporation, New York, N. Y. Case shift mechanism for typewriters and like machines. 2,569,668, Oct. 2.
Helmore, William, Kingston Hill, assignor to C. C. Wakefield & Company Limited, London, England. Lubricating compositions and additives therefor. 2,551,124, May 1.
Helmuth, Floyd E., Mission, Kans. Device for moistening envelope flaps. 2,564,842, Aug. 21.
Helper, Lillian, assignee: *See*—
Palmer, Jack E.
Helsel, Reuben H., assignor, by mesne assignments, to General Register Corporation, Long Island City, N. Y. Ticket issuing machine. 2,554,827, May 29.
Helsten, Wesley A.: *See*—
Tack, Carl E., and Helsten.
Helterline, Leo L., Jr., South Norwalk, M. Best, Jr., Stamford, and A. Bunblasky, New Canaan, assignors to Sorensen & Company, Inc., Stamford, Conn. Filament failure device for electronic tubes. 2,576,014, Nov. 20.
Heltzel, Carl J., Warren, Ohio. Machine for spraying concrete curing compounds. 2,555,693, June 5.
Heltzel, Carl J., Warren, Ohio. Road surface treating machine. 2,571,876, Oct. 16.
Heltzel, Francis O., Chicago, Ill. Road surface checking and grooving machine. 2,543,966, Mar. 6.
Heltzel, Herbert, assignee: *See*—
Brumbaugh, Harold C.
Heltzel, Robert E., Warren, Ohio. Dowel attachment and adjusting lock for forms. 2,548,214, Apr. 10.
Heltzer, Harry, assignor to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Highway marking paint containing glass beads. 2,574,971, Nov. 13.
Helwick, Harold L., Renton, Wash. Fisherman's rod winder. 2,579,074, Dec. 18.

Helwig, William F., West Allis, Wis. Garment hanger. 2,543,108, Feb. 27.
Helz, Philip C., Milwaukee, Wis. Pneumatic door operating device. 2,550,349, Apr. 24.
Hem, Halvor W., assignor to Toledo Scale Company, Toledo, Ohio. Weighing scale light switch. 2,566,198, Aug. 28.
Hemb, Harald B., Glencoe, assignor to Concrete Products, Inc., Skokie, Ill. Vibrating apparatus for molding concrete slabs. 2,545,029, Mar. 13.
Hembree, Ernest E.: *See*—
Rogers, Linwood N., Mueller, and Hembree.
Hemmel, Riglander & Co., Inc., assignee: *See*—
Cormier, Louis A. and J. A.
Hemmens, Alfred V.: *See*—
Lindley, Alan B., and Hemmens.
Hemmer, Lucien, and J. Balvay, Paris, France, assignors to Societe anonyme dite: Standard Francaise des Petroles. Protection of metals. 2,554,985, May 29.
Hemmert, Frank B., Wapakoneta, Ohio. Wheeled spike-tooth harrow. 2,556,274, June 12.
Hemmeter, George T., Berkeley, Calif., assignor to The United States of America as represented by the Secretary of Agriculture. Rotary blancher or cooker. 2,537,053, Jan. 9.
Hemmi, Hans M.: *See*—
Rheiner, Alfred, and Hemmi.
Hemming, Charles B., New Rochelle, assignor to United States Plywood Corporation, New York, N. Y. Process and apparatus for producing laminated paper tubes. 2,574,329, Nov. 6.
Hemminger, Charles E., Westfield, N. J., assignor to Standard Oil Development Company. Making gasoline. 2,540,581, Feb. 6
Hemminger, Charles E., Westfield, N. J., assignor to Standard Oil Development Company. Hydrocarbon synthesis. 2,542,517, Feb. 20.
Hemminger, Charles E., Westfield, N. J., assignor to Standard Oil Development Company. Treating a hydrocarbon synthesis naphtha product. 2,556,275, June 12.
Hemminger, Charles E., Westfield, N. J., assignor to Standard Oil Development Company. Catalytic conversion process. 2,560,343, July 10.
Hemminger, Charles E., Westfield, N. J., assignor to Standard Oil Development Company. Two stage hydrocarbon synthesis operation. 2,560,344, July 10.
Hemminger, Charles E., Westfield, N. J., assignor to Standard Oil Development Company. Pretreatment of catalyst for hydrocarbon synthesis. 2,560,345, July 10.
Hemp and Company, Incorporated, assignee: *See*—
Hemp, Joseph L.
Hemp, Joseph L., assignor to Hemp and Company, Incorporated, Macomb, Ill. Insulated container. 2,564,843, Aug. 21.
Hempel, Arthur C., Detroit, Mich. Bath implement. 2,580,226, Dec. 25.
Hempel, Charles H., Manitowoc, Wis., assignor to Heresite & Chemical Company. Multiple heating-step method of producing a composite coated object. 2,536,056, Jan. 2.
Hempel, William, Fair Lawn, N. J. Transparent binder for loose leaves and the like. 2,537,135, Jan. 9.
Hemphill Company, assignee: *See*—
Green, Isaac H. C.
St. Pierre, Eugene.
Hemphill, John, executor: *See*—
Du Pont, Eleuthere P.
Hempstead, Howard M., assignee: *See*—
Knox, William G., and Cunningham.
Knox, William G., and Deniston.
Hempstead, Louise M., assignee: *See*—
Knox, William G., and Cunningham.
Knox, William G., and Deniston.
Hems, Benjamin A., Northolt, and J. C. Clayton, Southall, assignors to Glaxo Laboratories Limited, Greenford, Middlesex, England. Preparation of thyroxine and its derivatives. 2,579,668, Dec. 25.
Henchert, John, Chicago, Ill., assignor to Continental Can Company, Inc., New York, N. Y. Pocket container for pipe tobacco. 2,571,714, Oct. 16.
Henchert, John, Chicago, Ill., assignor to Continental Can Company, Inc., New York, N. Y. Dispensing device for volatile products. 2,574,036, Nov. 6.
Henckel, Aage F. C., Hellerup, Denmark. Locking device for automatic firearms. 2,538,940, Jan. 23.
Henderhan, Alberta M., Sunland, Calif. Centering point for lathes, grinding machines, and the like. 2,564,256, Aug. 14.
Henderson, Adam, Houston, Tex. Flanged coupling seal. 2,547,321, Apr. 3.
Henderson, Albert, assignor, by mesne assignments, to Peoples First National Bank & Trust Company, Pittsburgh, Pa. Beam connection for precast concrete members. 2,569,669, Oct. 2.
Henderson, Albert, assignor, by mesne assignments, to Peoples First National Bank & Trust Company, Pittsburgh, Pa. Connection for precast concrete girders and beams. 2,580,174, Dec. 25.
Henderson, Albert L., San Diego, Calif. Photoelectric paring apparatus. 2,565,727, Aug. 28.
Henderson, Eldon C., Paso Robles, Calif. Loss-preventing device for purses. 2,580,296, Dec. 25.
Henderson, Ernest: *See*—
Johnson, James T., and Henderson.
Henderson, George A., Seattle, Wash. Head space gauge. 2,544,158, Mar. 6.
Henderson, George C., Detroit, Mich. Monorail track. 2,539,078, Jan. 23.
Henderson, George M.: *See*—
Biggs, Norris W., and Henderson.
Henderson, Harold P., and P. Kaplan, assignors to Clover Industries, Inc., Buffalo, N. Y. Embedded screw-threaded socket. 2,560,951, July 17.
Henderson, James J., Esquimalt, British Columbia, Canada. Cigarette. 2,547,119, Apr. 3.
Henderson, John R.: *See*—
Failor, Charles W., and Henderson.
Henderson, John R., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Approach controlled railway track circuit system. 2,558,486, June 26.
Henderson, John V., Birmingham, Ala. Reciprocating bed. 2,570,676, Oct. 9.
Henderson, Lawrence O.: *See*—
Hickman, Augustus A., Henderson, and Patriacco.
Henderson, Leonard B., Birmingham, England. Combined stay and device for opening and closing windows and like members. 2,545,279, Mar. 13.
Henderson, Martin: *See*—
Nienaber, Frank, Henderson, Ranseen, and Lytle.
Henderson, Ray M., St. Louis, Mo. Method of and apparatus for making ice. 2,538,097, Jan. 16.
Henderson, Raymond L., Atlanta, and J. F. Finley, Forest Park, Ga., assignor to Norris, Incorporated. Conveyer system. 2,542,330, Feb. 20.
Henderson, Robert H., East Orange, N. J. One sweep type bender for thin wall metallic conduit. 2,571,241, Oct. 16.
Henderson, Robert M., Bound Brook, assignor to Worthington Pump and Machinery Corporation, Harrison, N. J. Renewable drip ring and closure seat for concrete mixers. 2,576,457, Nov. 27.
Henderson, Robert M., Springfield, Vt., assignor to Worthington Pump and Machinery Corporation, Harrison, N. J. Closure door assembly for concrete mixers or agitators. 2,562,551, July 31.
Henderson, Rufus J., Dyersburg, Tenn. Mechanical gap gear for textile roving frames. 2,559,619, July 10.
Henderson, Walter L., Marshall, Minn. Bath cabinet for babies. 2,547,641, Apr. 3.
Hendlin, David: *See*—
McDaniel, Lloyd E., and Hendlin.
Hendon, Harry H.: *See*—
Van Orman, Howard A., and Hendon.
Hendon, Harry H., Jr., assignee: *See*—
Van Orman, Howard A., and Hendon.
Hendra, William S., New Bedford, Mass. Graduated hair-cutting comb. 2,562,421, July 31.
Hendrick, Herbert L., Carthage, N. C. Leaf tobacco harvesting crate. 2,555,926, June 5.
Hendricks, Cornelius, assignor to Applied Arts Corporation, Grand Rapids, Mich. Ash receiver. 2,548,533, Apr. 10.
Hendricks, Cornelius, assignor to Applied Arts Corporation, Grand Rapids, Mich. Drawer type ash receiver. 2,553,138, May 15.
Hendricks, Curtis W., Detroit, and J. Ogden, Metamora, assignors to General Motors Corporation, Detroit, Mich. Portable cable tester. 2,569,098, Sept. 25.
Hendricks, Frank R., Puyallup, assignor to R. Parker, Tacoma, Wash. Lamp structure with shade and base interlocking member. 2,567,336, Sept. 11.
Hendricks, Frank R., assignor to The Magiclean Co., Inc., Puyallup, Wash. Venetian blind. 2,573,330, Oct. 30.
Hendricks, John G., Chatham, N. J., assignor to National Lead Company, New York, N. Y. Manufacture of vinyl resin compositions. 2,579,572, Dec. 25.
Hendricks, William E., Fair Haven, Mass., assignor to Whitin Machine Works. Thread cutter for bobbin winders. 2,575,015, Nov. 13.
Hendricks, William E., Wichita, Kans. Two-speed direct transmission. 2,541,872, Feb. 13.
Hendrickson, Fritz E., South Elgin, assignor of fifty per cent to Murray Ireland, Elgin, Ill. Buffing wheel. 2,574,037, Nov. 6.
Hendrickson, James M.: *See*—
Crane, Raymond E., and Hendrickson.
Hendrickson, James O., Pea Ridge, Ark. Internal-combustion engine. 2,540,260, Feb. 6.
Hendrickson, Norman J., Sioux City, Iowa. Tree holder. 2,543,849, Mar. 6.
Hendrickson, Richard A., Waubay, S. Dak. Stone loading and transporting drag. 2,570,343, Oct. 9.
Hendrickson, Robert T.: *See*—
Panzegrau, Norman O., and Hendrickson.
Hendrickson, Severin B., Templeton, assignor to Heywood-Wakefield Company, Gardner, Mass. Cushioned and hinged seat structure. 2,572,145, Oct. 23.
Hendrickson, William G.: *See*—
Daniels, Farrington, Hendrickson, and Foster.
Hendrickx, Serge P., Mortsel-Antwerp, assignor to Gevaert Photo-Producten N. V., Mortsel, Belgium. Casting layer of apparatus for the manufacture of photographic film supports. 2,558,555, June 26.
Hendrix, Don O., and R. M. Langer, Pasadena, Calif., assignors to the United States of America as represented by the Secretary of the Navy. Pneumatic gauging device. 2,573,843, Nov. 6.

Hendrix, Palmer G., assignor to Hickory Specialty Company, Hickory, N. C. Sizing tube. 2,541,963, Feb. 13.
Hendry, James W., Bay City, Mich. Processing chamber support for plastic machines. 2,564,203, Aug. 14.
Hendry, Robert S.: *See*—
Snyder, Francis P., and Hendry.
Hengst, Walter D., North Hollywood, Calif. Foldable line-drying reel. 2,562,095, July 24.
Hening, James E., Richmond, and E. F. Wygal, Nicholasville, Ky. Automobile seat convertible to bed. 2,543,167, Feb. 27.
Henke, Elmer: *See*—
Cleland, James E., and Henke.
Henke, Henry, Columbus, Nebr. Dumping apparatus for vehicles. 2,553,454, May 15.
Henkel & Cie., G. m. b. H., assignee: *See*—
Gündel, Wolfgang, Meyer, Offermann, and Fuchs.
Henkel, Erich, Calumet City, Ill., assignor to Combustion Engineering-Superheater, Inc. Fluid separator. 2,538,195, Jan. 16.
Henkel, Erich W., Calumet City, Ill., assignor to Combustion Engineering-Superheater, Inc., New York, N. Y. Low-water thermal cutoff for steam generators. 2,544,384, Mar. 6.
Henkel, Ferdinand J., Royal Oak, assignor to Lamina Dies and Tools, Inc., Berkley, Mich. Indexing device for machine tools. 2,570,444, Oct. 9.
Henkel, John, Baltimore, Md., assignor to Dixon-Bartlett Company. Shoe with rolled throat line. 2,571,446, Oct. 16.
Henkes, Rudolf A., Maracaibo, Venezuela, assignor to Shell Development Company, San Francisco, Calif. Water base drilling fluid. 2,557,657, June 19.
Henkes, Rudolf A., Mene Grande, Venezuela, assignor to Shell Development Company, San Francisco, Calif. Well-drilling fluid. 2,555,794, June 5.
Henkin, Maurice: *See*—
Moore, Robert L., and Henkin.
Henkin, Maurice, assignor, by mesne assignments, to Metalcraft Manufacturing Corp., Memphis, Tenn. Trash container. 2,566,128, Aug. 28.
Henley, Robert H., assignee: *See*—
Pennington, Neal A.
Henn, Albert C., Linden, and A. Gathman, Elizabeth, N. J., assignors to Standard Oil Development Company. Coating composition. 2,537,136, Jan. 9.
Henn, Richard W., and J. I. Crabtree, assignors to Eastman Kodak Company, Rochester, N. Y. Photographic silver halide developing solutions containing calcium precipitation inhibitors. 2,541,470, Feb. 13.
Henn, Richard W., and J. I. Crabtree, assignors to Eastman Kodak Company, Rochester, N. Y. Water spot prevention in photographic film. 2,556,540, June 12.
Henneman, Clarence O., Bartlesville, Okla., and O. L. Garretson, Roswell, N. Mex., assignors to Phillips Petroleum Company. Burner system for weed burners. 2,558,359, June 26.
Henneman, Harry E.: *See*—
Osborne, Bruce, and Henneman.
Henneman, William G., Terre Haute, Ind. Crayton holder. 2,538,155, Jan. 16.
Hennessey, Russell J., assignor to Waldorf Paper Products Company, St. Paul, Minn. Display carton. 2,554,190, May 22.
Hennessey, Russell J., assignor to Waldorf Paper Products Company, St. Paul, Minn. Carton packing construction. 2,570,946, Oct. 9.
Hennessy, David B., Baltimore, Md. Automobile clothes rack. 2,573,102, Oct. 30.
Hennessy, James J., Montclair, N. J. Bearing lubricator. 2,561,983, July 24.
Hennessy, Richard J.: *See*—
Horner, Harold R., and Hennessy.
Henney, Charles F., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus for railway cars. 2,541,921, Feb. 13.
Henney, George K., assignor to Bendix Aviation Corporation, South Bend, Ind. Motorized vehicle. 2,575,873, Nov. 20.
Hennig, Harvey: *See*—
Folkins, Hillis O., Porter, Miller, and Hennig.
Hennigan, Richard D., Calera, Okla. Peanut cultivator. 2,547,753, Apr. 3.
Henning, George E.: *See*—
Hanson, Estyle D., Henning, and Martin.
Henning, George E., Baltimore, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Apparatus for simultaneously advancing and working organic plastic material. 2,556,276, June 12.
Henning, George E., Baltimore, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Knitting machine. 2,568,806, Sept. 25.
Henning, George E., Baltimore, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Strip material. 2,571,715, Oct. 16.
Henning, George E., Baltimore, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Retractile cord and making retractile cords. 2,573,439, Oct. 30.
Henning, George E., Baltimore, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Apparatus for plasticizing plastic material. 2,573,440, Oct. 30.
Henning, George E., Baltimore, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Continuous vulcanization apparatus. 2,578,354, Dec. 11.
Henning, John C.: *See*—
McMath, Marl, Henning, and Sims.
Henning, Pearl, administratrix: *See*—
Henning, Sherburne B.
Henning, Sherburne B., deceased, Evanston, Ill.; P. Henning, administratrix of said S. B. Henning, assignor to P. M. Henning. Isolation of proteins. 2,540,669, Feb. 6.
Henning, William W.: *See*—
Bechman, William O., and Henning.
Henning, William W., Riverside, Ill., assignor to International Harvester Company. Synchronizer clutch. 2,546,746, Mar. 27.
Henninger, William, and H. J. Hollsberg, Ridgewood, N. J., assignors to International Business Machines Corporation, New York, N. Y. Record controlled register actuating mechanism. 2,558,953, July 3.
Hennings, Orvylle R., Gresham, Nebr. Flexible slide fork. 2,541,964, Feb. 13.
Henningsen Produce Company, Federal Inc. U. S. A., assignee: *See*—
Rummel, Ivan A., and Welch.
Henquet, Andre J., and M. C. Constant, Seine, France, assignors to International Standard Electric Corporation, New York, N. Y. Electrical signaling system. 2,537,998, Jan. 16.
Henquet, Andre J., and R. M. Mauge, Boulogne-Billancourt, France, assignors to International Standard Electric Corp., New York, N. Y. Elimination of tricords in toll exchanges. 2,568,733, Sept. 25.
Henquet, Andre J., and M. R. Mauge, Boulogne-Billancourt, France, assignors to International Standard Electric Corporation, New York, N. Y. Trunk telephone office without three cords. 2,577,759, Dec. 11.
Henrard, Fernand J. J., Remicourt, Belgium, assignor to Babson Bros. Co. Making milker pails. 2,538,098, Jan. 16.
Henrard, Fernand J. J. J., assignor to Ecrémeuses Mélotte, Société Anonyme, Remicourt, Belgium. Metallic surface for butter churns. 2,571,573, Oct. 16.
Henrich, William H.: *See*—
Crosman, Loring P., and Henrich.
Henricks, John A.: *See*—
Amundsen, Paul, and Henricks.
Henrickson, Josephine, Climax, Minn. Cake cutter. 2,557,539, June 19.
Henricson, Valentine, New York, N. Y. Resilient closure for the neck of a bottle, having a valve operable by flexure of a wall of said closure. 2,543,850, Mar. 6.
Henriksen, Ernst J. J., Copenhagen, Denmark. Wire staple for tacking apparatus. 2,564,900, Aug. 21.
Henriksen, Henrik N., Odense, Denmark. Device for sewing machines. 2,544,425, Mar. 6.
Henrikson, Olaf, San Francisco, Calif. Garbage and outdoor-toilet lid atomizer. 2,540,447, Feb. 6.
Henrikson, Oscar W., Chicago, and R. L. Sargisson, Berwyn, assignors to Automatic Electric Laboratories, Inc., Chicago, Ill. Plunger release lever. 2,546,070, Mar. 20.
Henroteau, François C. P., Fort Wayne, Ind., assignor, by mesne assignments, to Farnsworth Research Corporation. Method and apparatus for forming optical devices. 2,541,057, Feb. 13.
Henroteau, François C. P., Fort Wayne, Ind., assignor, by mesne assignments, to Farnsworth Research Corporation. Apparatus for making optical devices. 2,543,778, Mar. 6.
Henroteau, François C. P., and S. S. Ulrich, Fort Wayne, Ind., assignors, by mesne assignments, to Farnsworth Research Corporation. Lens dissolution method and apparatus. 2,543,019, Feb. 27.
Henry, Albert R., Salina, assignor to Henry Manufacturing Co., Inc., Topeka, Kans. Earth carrying scraper. 2,568,627, Sept. 18.
Henry, Beulah L., New York, N. Y. Simulated dispensing device. 2,577,849, Dec. 11.
Henry, Earle G., assignor to R. T. Moloney, Chicago, Ill. Intermittent drive with oscillating lever reset and electromagnetic release. 2,536,744, Jan. 2.
Henry, Earle G., Wilmette, Ill. Drawing kit. 2,570,806, Oct. 9.
Henry, Earle G., Wilmette, assignor to R. T. Moloney, Chicago, Ill. Target with irregular motion. 2,572,146, Oct. 23.
Henry, Edward C., State College, J. L. Leech, and L. R. Armstrong, assignors to Findlay Clay Products Company, Washington, Pa. Refractories. 2,543,548, Feb. 27.
Henry, Granville C., Decatur, Ga. Mixing machine. 2,543,495, Feb. 27.
Henry, Harry H., assignor to Monark Silver King, Inc., Chicago, Ill. Bicycle brake conserving device. 2,579,573, Dec. 25.
Henry, Howarth P., Dayton, Ohio. Ski glove. 2,563,724, Aug. 7.
Henry, Howarth P., Shepperton-on-Thames, England. Control for outboard motors. 2,563,932, Aug. 14.
Henry, Louis J., Paris, France. Measuring pump with flexible tubing. 2,562,552, July 31.
Henry Manufacturing Co., Inc., assignee: *See*—
Henry, Albert R.

Henry, Nelson R., assignor to J. C. Watters, Atlanta, Ga. Crutch. 2,544,957, Mar. 13.
Henry, Ronald A., Inyokern, Calif., assignor to The Procter & Gamble Company, Cincinnati, Ohio. Sulfating alkylolamides. 2,551,125, May 1.
Henry, Walton M., assignor to Soabar Company, Philadelphia, Pa. Ticket-printing machine. 2,553,709, May 22.
Henry, Wesley J., Los Angeles, Calif. Forming orthodentic arches. 2,566,414, Sept. 4.
Henry, William M., deceased, by A. W. Strachan, administrator, Monongahela, Pa., assignor to The American Steel and Wire Company of New Jersey. Operating regenerators for open hearths. 2,543,367, Feb. 27.
Henschel, Chester J., New York, N. Y. Dentifrice. 2,542,518, Feb. 20.
Henschke, Ulrich K., and H. A. Mauch, Dayton, Ohio. Artificial leg with controlled knee locking means. 2,561,370, July 24.
Henschke, William O., Longmeadow, assignor to American Bosch Corporation, Springfield, Mass. Circuit breaker. 2,542,411, Feb. 20.
Henschker, Erhard, Parkstone, and F. Hachenburg, assignors to The Loewy Engineering Company Limited, London, England. Rotary flying shears. 2,568,333, Sept. 18.
Hensel, Franz R., assignor to P. R. Mallory & Co., Inc., Indianapolis, Ind. Making aluminum clad steel. 2,539,246, Jan. 23.
Hensel, Franz R., assignor to P. R. Mallory & Co., Inc., Indianapolis, Ind. Bonding aluminum to steel. 2,539,247, Jan. 23.
Hensel, Walter E., South Berwick, Maine. Multiple jet spray nozzle. 2,551,538, May 1.
Hensgen, Bernard T., Harvey, assignor to Swift & Company, Chicago, Ill. Margarine package. 2,576,834, Nov. 27.
Henshaw, James N., Leicester, England, assignor to United Shoe Machinery Corporation, Flemington, N. J. Handle-actuated blind riveting tool. 2,575,416, Nov. 20.
Henshaw, Thomas A., Elland, assignor to Nu-Swift, Limited, London, England. Fire extinguisher. 2,548,157, Apr. 10.
Henshaw, Thomas A., Elland, assignor to Nu-Swift, Limited, London, England. Nozzle for the discharge of liquids. 2,567,642, Sept. 11.
Henshaw, Thomas A., assignor to Nu-Swift, Limited, Elland, England. Fire extinguisher. 2,571,877, Oct. 16.
Hensley, Alva C., Maroa, assignor to J. D. Whitson, Decatur, Ill., as trustee. Truck loader. 2,541,965, Feb. 13.
Hensley, Charles W., Council Bluffs, Iowa. Spring heel construction. 2,548,308, Apr. 10.
Hensley, Guy P.: *See*—
Peebles, David D., and Hensley.
Hensley, James R., and B. D. Baker, Los Angeles, assignors, by mesne assignments, to R. M. Marsh, Alhambra, Calif. Baby nursing bottle holder. 2,557,430, June 19.
Hensley, Lee C.: *See*—
Anish, Alfred W., and Hensley.
Thompson, Thomas R., and Hensley.
Hensley, Lee C., Binghamton, assignor to General Aniline & Film Corporation, New York, N. Y. 2,2′-dimethyl-4,4′-bithiazole and preparing the same. 2,553,502, May 15.
Hensley, Lee C., Binghamton, assignor to General Aniline & Film Corporation, New York, N. Y. Tetranuclear merocyanine sensitizing dyes from bithiazoles. 2,553,503, May 15.
Hensley, Lee C., Binghamton, assignor to General Aniline & Film Corporation, New York, N. Y. Sensitizing dyes from bithiazoles. 2,579,432, Dec. 18.
Henson, Robert L., Beaumont, Tex., assignor to Sun Oil Company, Philadelphia, Pa. Amplifying circuit for suppressing surges caused by gain control. 2,574,477, Nov. 13.
Henson, Robert L., Jr., Beaumont, Tex., assignor to Sun Oil Company, Philadelphia, Pa. Seismographic prospecting apparatus. 2,558,954, July 3.
Henson, West, New York, N. Y. Lens screen to produce stereoscopic effects. 2,550,350, Apr. 24.
Henszey, Roy O., Oconomowoc, Wis. Separation of liquid and vapor in an evaporator or the like. 2,537,346, Jan. 9.
Hentschel, William E., Detroit, Mich. Ash collector with shredding means. 2,561,275, July 17.
Henwood, James B.: *See*—
Hess, Frederic O., Furczyk, and Henwood.
Henwood, James B., Bala-Cynwyd, assignor to Selas Corporation of America, Philadelphia, Pa. Gas burner with internal-combustion chambers. 2,559,504, July 3.
Henwood, James B., Bala-Cynwyd, assignor to Selas Corporation of America, Philadelphia, Pa. Radiant gas burner internally fired. 2,570,554, Oct. 9.
Henyan, Clare A., assignor to Newark Stove Company, Newark, Ohio. Nontilt deep well apparatus. 2,548,158, Apr. 10.
Hepp, Charles J., Chicago, Ill. Bulge controller for garment pockets. 2,565,023, Aug. 21.
Hepp, Gerard, Eindhoven, Netherlands, assignor, by mesne assignments, to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Frequency modulation. 2,539,952, Jan. 30.
Hepp, Gerard, Eindhoven, Netherlands, assignor, by mesne assignments, to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Circuit arrangement for the frequency modulation of a carrier wave. 2,541,649, Feb. 13.
Hepp, Gerard, Eindhoven, Netherlands, assignor to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Wave length modulation. 2,541,650, Feb. 13.
Hepp, Gerard, Eindhoven, Netherlands, assignor to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Magnetic amplifier. 2,556,083, June 5.
Hepp, Gerard, Eindhoven, Netherlands, assignor to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Variable artificial transmission line for effecting phase modulated oscillations. 2,565,231, Aug. 21.
Hepp, Gerard, Eindhoven, Netherlands, assignor to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Wave length modulation. 2,569,309, Sept. 25.
Hepp, Harold J., Bartlesville, Okla., assignor to Phillips Petroleum Company. Hydrocarbon conversion in a pebble heat exchanger. 2,554,407, May 22.
Hepp, Harold J., Bartlesville, Okla., assignor to Phillips Petroleum Company. Sulfur removal. 2,558,137, June 26.
Hepp, Harold J., and M. O. Kilpatrick, Bartlesville, Okla., assignors to Phillips Petroleum Company. Pebble heater. 2,559,957, July 10.
Hepp, Harold J., Bartlesville, Okla., assignor to Phillips Petroleum Company. Aromatic recovery process. 2,566,613, Sept. 4.
Hepp, Vincent J., Philadelphia, Pa. Carrier. 2,567,206, Sept. 11.
Heppenstall Company, assignee: *See*—
Heppenstall, Max R.
Heppenstall, Max R., assignor to Heppenstall Company, Pittsburgh, Pa. Lifting tongs. 2,536,932, Jan. 2.
Hepperle, Erwin: *See*—
Lippert, Hanns, and Hepperle.
Hepperlen, John A., and S. Rifkin, Schenectady, N. Y., assignors to General Electric Company. Control system. 2,579,317, Dec. 18.
Heppner, Myron R., Round Lake, Ill. Ion trap. 2,542,924, Feb. 20.
Herald, Dorothy H., assignee: *See*—
Hayden, David H.
Herban, Melvin S.: *See*—
Jordan, Wesley A., and Herban.
Herbener, Henry M., Thomasville, Ga. Artificial bust. 2,563,241, Aug. 7.
Herbert, Charles F., Seattle, Wash. Sled runner. 2,569,889, Oct. 2.
Herbert, Ignatius E., Rochester, N. Y. Multiple purpose chair. 2,550,811, May 1.
Herbert, Walter N., Kalamazoo, and H. E. Hamblet, Wyandotte, Mich. Pointer for fusible crayons, candles, and the like. 2,580,092, Dec. 25.
Herbert, William C., Brooklyn, and W. C. Herbert, Jr., Freeport, N. Y. Tubular gas burner with attached reflector. 2,539,512, Jan. 30.
Herbert, William C., Jr.: *See*—
Herbert, William C. and W. C., Jr.
Herbig, Henry F., Mountain Lakes, N. J., and J. J. McManus, Valley Stream, assignors to International Standard Electric Corporation, New York, N. Y. Testing wound cores. 2,579,493, Dec. 25.
Herbold, Robert J., assignor to L. M. Hughes, Denver, Colo. Auxiliary train signal system. 2,554,906, May 29.
Herbruggen, Heinrich S., Hagen-Kabel, Germany, assignor to The Constructional Engineering Company Limited, Birmingham, England. Machine for making foundry cores and molds. 2,553,946, May 22.
Herbst, John A., Pines Lake, N. J., assignor to Federal Telephone and Radio Corporation, New York, N. Y. Error detector for telegraph printers. 2,557,964, June 26.
Herbst, Philip J., Princeton, N. J., assignor to Radio Corporation of America. Air navigation. 2,539,905, Jan. 30.
Herbster, George B., assignor, by mesne assignments, to 8600 Denison Company, Cleveland, Ohio. Forced air, fuel fired heater with scroll enclosed multiple annular heat transfer element. 2,564,257, Aug. 14.
Herbster, George B., assignor, by mesne assignments, to 8600 Denison Company, Cleveland, Ohio. Multiple annular heat transfer element forced flow air heater. 2,564,258, Aug. 14.
Herbster, George B., assignor, by mesne assignments, to 8600 Denison Company, Cleveland, Ohio. Forced circulation multiple unit air heating furnace. 2,564,479, Aug. 14.
Herbstreit, William G.: *See*—
Doyle, Irving W., Herbstreit, and Weiblen.
Herchenroeder, Louis W., Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Reactor-controlled adjustable-speed drive. 2,558,086, June 26.
Herchenroeder, Louis W., Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Vapor electric device. 2,579,574, Dec. 25.

Herckmans, Alfred: *See*—
Clarke, Harry R., Elmer, Herckmans, and Walter.
Hercules Powder Company, assignee: *See*—
Bishop, William T., Lorand, and Reese.
Borglin, Joseph N., and Ray.
Borglin, Joseph N., and Woodcock.
Breslow, David S.
Bried, Edward A.
Buntin, George A.
Burt, Leland H.
Carpenter, Paul G.
Conner, Joshua C., Jr.
Cox, Richard F. B.
Davis, James W., and Spurlin.
Downard, Jack M.
Drake, Arthur E.
George, Richard S.
Glasebrook, Arthur L.
Gloor, Walter E.
Grassie, Vernon R.
Haggard, Homer H.
Hall, Reginald H., and Quin.
Hays, John T.
Horsey, Eleanor F., and Price.
Howell, Charles E.
Hulse, George E.
Hulse, George E., and Vandenberg.
Ivett, Reginald W.
Jones, James L., Jr.
Klug, Eugene D., and Tennent.
Koch, William.
Langmeier, Arthur.
Laughlin, Kenneth C.
Lawrence, Robert W.
Lewis, John R.
Lorand, Eugene J.
Lorand, Eugene J., and Reese.
Mayfield, Paul.
Pyle, George H., and Tinsley.
Pyle, George H., and Wiggam.
Rheineck, Alfred E.
Rummelsburg, Alfred L.
Saunders, Robert H.
Schertz, Glenwood L.
Seebold, James E.
Shapleigh, James H.
Stonecipher, William D.
Thompson, Friar M., Jr.
Vandenberg, Edwin J.
Van Wyck, Peter.
Voris, Robers S.
Weisgerber, Cyrus A.
Hercules Steel Products Co., assignee: *See*—
Biszantz, Fred.
Hercules Steel Products Corporation, assignee: *See*—
Biszantz, Fred, and Hartman.
Hercules Trouser Company, The, assignee: *See*—
Levine, Irving I.
Herd, Elmer R., Royal Center, Ind. Seeder. 2,562,422, July 31.
Herd, Elmer R., Royal Center, Ind. Seeder. 2,565,427, Aug. 21.
Herd, Harry H., Honolulu, Territory of Hawaii. Framework for buildings. 2,575,758, Nov. 20.
Herdlein, Wallace, Chicago, Ill. Metal cleaning and pickling machine and conveyer system therefor. 2,579,575, Dec. 25.
Herdy, John B., San Antonio, Tex. Garbage can and rack. 2,546,449, Mar. 27.
Hereford, Frank L., Jr., Swarthmore, Pa., and W. D. Whitehead, Jr., Old Church, Va., assignors to United States of America as represented by the Secretary of the Navy. Train parallax computer. 2,575,956, Nov. 20.
Hereford, Rockwell: *See*—
De Camp, Ray E., and Hereford.
Heresite & Chemical Company, assignee: *See*—
Hempel, Charles H.
Hergenrother, Rudolf C., West Newton, assignor to Raytheon Manufacturing Company, Newton, Mass. Electronic storage device. 2548,789, Apr. 10.
Herider, Elmer A.: *See*—
Scott, Edwin D., and Herider.
Hering, Paul C., Lawrence, Mass. Collapsible cloth roll. 2,543,457, Feb. 27.
Heritage, Clark C., Cloquet, Minn., and W. G. Van Beckum, Longview, Wash., assignors to Wood Conversion Company, Cloquet, Minn. Processing of lignocellulose materials. 2,541,058, Feb. 13.
Heritage, Clark C., Cloquet, Minn., and W. G. Van Beckum, assignors to Weyerhaeuser Timber Company, Longview, Wash. Producing lignin products. 2,541,059, Feb. 13.
Heritage, Clark C., Cloquet, assignor to Wood Conversion Company, St. Paul, Minn. Dry-wall construction. 2,541,762, Feb. 13.
Heritage, Clark C., Cloquet, assignor to Wood Conversion Company, St. Paul, Minn. Manufacture of plastic-fiber composition. 2,544,019, Mar. 6.
Heritage, Clark C., Cloquet, assignor to Wood Conversion Company, St. Paul, Minn. Molding fiber composition. 2,553,412, May 15.
Heritage, Clark C., assignor to Wood Conversion Company, Cloquet, Minn. Production of hot-bonded fiber felts. 2,569,169, Sept. 25.
Heritage, Clark C., Cloquet, Minn., assignor to Weyerhaeuser Timber Company, Longview, Wash. Phenolic adhesive and bonding wood plies. 2,574,784, Nov. 13.
Heritage, Clark C., Cloquet, Minn., assignor to Weyerhaeuser Timber Company, Longview, Wash. Ingredient of adhesives and making it. 2,574,785, Nov. 13.
Herlihy, Lester G.: *See*—
Jasmin, Wilfred G., and Herlihy.
Herlöw, Anders, assignor to A/S Grindstedvaerket, Grindsted, Denmark. Agents for coloring emulsions and dispersions, especially those of the oil in water type. 2,546,748, Mar. 27.
Herlow, Anders, assignor to A/S Grindstedvaerket, Grindsted, Denmark. Production of oil-in-oil emulsions. 2,575,874, Nov. 20.
Herman, Daniel F.: *See*—
Wilder, Richard S., and Herman.
Herman, Harry H.: *See*—
Christopher, Edward T., and Herman.
Herman, Irving J., New York, N. Y. Venetian blind slat structure. 2,570,807, Oct. 9.
Herman, Kenneth R., Franklin, and R. L. Tweedale, Birmingham, assignors to Vickers Incorporated, Detroit, Mich. Pump. 2,553,655, May 22.
Herman, Louis J., Poughkeepsie, assignor to International Business Machines Corporation, New York, N. Y. Verification apparatus for record controlled embossing machines. 2,573,331, Oct. 30.
Herman, Nathan L., Cleveland, Ohio, assignor to Poe Machine and Engineering Company, Inc., New Wilmington, Pa. Collapsible drum. 2,570,809, Oct. 9.
Herman, Nathan L., Cleveland, Ohio, assignor to Poe Machine and Engineering Company, Inc., New Wilmington, Pa. Adjustable slitter for metal strip. 2,573,332, Oct. 30.
Herman, Nicholas: *See*—
Seybold, Frederick W., and Herman.
Herman Pneumatic Machine Company, assignee: *See*—
Johnston, Loyal L.
Hermani, Louis, Baltimore, Md., assignor to Continental Can Company, Inc., New York, N. Y. Sheet metal bread box. 2,565,129, Aug. 21.
Hermani, Louis, Baltimore, Md., assignor to Continental Can Company, Inc., New York, N. Y. Dispensing container having a spring-biased curved sliding closure. 2,575,106, Nov. 13.
Hermann, Augustus H., Melrose, assignor to Samuel Cabot, Inc., Boston, Mass. Can closing apparatus. 2,558,705, June 26.
Hermann, Edward C., assignor to E. I. du Pont de Nemours and Company, Wilmington, Del. N-(2-thenoylmethyl) hexamethylenetetraminium halides. 2,579,494, Dec. 25.
Hermann, Fred W.: *See*—
Stirlen, Morley W.
Hermann, Le Roy N., Chicago, Ill. Heat-radiating device. 2,541,162, Feb. 13.
Hermann, Norman T., Eatontown, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Die for use with a punch. 2,568,152, Sept. 18.
Hermann, Siegwart, New York, N. Y. Purification of insulin. 2,537,757, Jan. 9.
Hermann Thorens Société Anonyme, assignee: *See*—
Thévenaz, Louis.
Hermanns, Otto E.: *See*—
Leguillon, Charles W., and Hermanns.
Hermanny, Heinrich, Valley Stream, N. Y., assignor to Bendix Aviation Corporation, Norwood, Mass. Hydraulic system. 2,539,134, Jan. 23.
Hermanson, Donald A.: *See*—
Greentree, Alexander, and Hermanson.
Hermanson, Donald A., Plainfield, and J. L. Biles, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated. Obtaining valuable products from waxy hydrocarbon stocks. 2,537,999, Jan. 16.
Hermanson, William A., Brookline, Mass. Rubberized abaca fiber paper. 2,541,763, Feb. 13.
Hermant, Percy, Limited, assignee: *See*—
Butler, Albert.
Hermens, John, McMinnville, Oreg. Nut cracking machine. 2,561,697, July 24.
Hermes, William H., III, Coronado, Calif. Low-temperature drying apparatus. 2,570,808, Oct. 9.
Hermetic Terminal Division of Van Engineering Company, assignee: *See*—
Skony, Sigmund J.
Hermont, Alfred J., Houston, and J. C. Toups, Bellaire, Tex., assignors to Shell Development Company, San Francisco, Calif. Seismic exploration system. 2,547,703, Apr. 3.
Hermsen, Edward A., Honolulu, Hawaii. Variable-speed phonograph turntable. 2,579,145, Dec. 18.
Hernqvist, Karl G., Princeton, N. J., assignor to Radio Corporation of America. Positive ion beam gun. 2,570,124, Oct. 2.
Hero Mfg. Co., Inc., assignee: *See*—
Lobl, Otto.
Herod, Fay R., assignee: *See*—
Herod, Ray H.
Herod, Ray H., Burbank, Calif., assignor of one-fourth to P. J. Hurley, Washington, D. C., one-fourth to F. R. Herod, Glendale, and one-fourth to J. H. Van Voorhees, Burbank, Calif. Tower ladder safety device. 2,538,904, Jan. 23.

Herold, Edward W., Kingston, N. J., assignor to Radio Corporation of America. Amplitude limiter. 2,544,226, Mar. 6.
Herold, Edward W., Kingston, N. J., assignor to Radio Corporation of America. Quantitative gas measuring. 2,560,952, July 17.
Herold, Edward W., Kingston, N. J., assignor to Radio Corporation of America. Electron discharge device and associated circuits. 2,564,063, Aug. 14.
Herold, Edward W., Kingston, N. J., assignor to Radio Corporation of America. High-voltage direct-current power supply system. 2,568,394, Sept. 18.
Herold, Edward W., Kingston, N. J., assignor to Radio Corporation of America. Controlled wave energy generator. 2,568,395, Sept. 18.
Herold, Robert E., assignor to The Weatherhead Company, Cleveland, Ohio. Tube coupling. 2,536,745, Jan. 2.
Herold, Walter F., Easton, assignor to The Bassick Company, Bridgeport, Conn. Industrial truck caster wheel. 2,541,514, Feb. 13.
Herold, Walter F., Easton, assignor to The Bassick Company, Bridgeport, Conn. Industrial truck caster wheel. 2,544,924, Mar. 13.
Heron, Grace, Clayton, Mo. Removable cover for mops. 2,546,505, Mar. 27.
Heron, Hugh D., Outremont, Quebec, Canada. Heat exchanger. 2,550,560, Apr. 24.
Herr, Donald L.: *See*—
Dunbar, James Y., and Herr.
Herr, Donald L., New York, assignor to Control Instrument Company, Inc., Brooklyn, N. Y. Switching system. 2,541,247, Feb. 13.
Herr, Joseph S., Nottingham, Pa. Feed grinding and mixing plant. 2,546,747, Mar. 27.
Herr, Joseph S., Nottingham, Pa. Feed mixing apparatus. 2,576,177, Nov. 27.
Herr, Max, Chicago, Ill. Piano lamp with adjustable support. 2,552,786, May 15.
Herr, Milton E.: *See*—
Heyl, Frederick W., and Herr.
Heyl, Frederick W., Herr, and Centolella.
Herr, Richard E., assignor to The Lewis Engineering and Manufacturing Company, Alliance, Ohio. Hedge shear. 2,569,001, Sept. 25.
Herr, Theodore Z., Lancaster, Pa., assignor to American Greeting Publishers, Inc., Cleveland, Ohio. Card transfer mechanism. 2,568,069, Sept. 18.
Herrbach, Paul: *See*—
Drisch, Nicolas, and Herrbach.
Herrbold, William J., Nyack, N. Y. Sprinkler head for fire-extinguishing systems. 2,542,080, Feb. 20.
Herren, Luther Y., Fayette, Ala. Dust and lint blower for spinning frames. 2,549,601, Apr. 17.
Herres, Schuyler A., and J. A. Davis, assignors, by mesne assignments, to Battelle Development Corporation, Columbus, Ohio. Electric apparatus for melting refractory metals. 2,541,764, Feb. 13.
Herrick, Claud A., Rochester, N. Y. Combined fishhook and live bait holder. 2,573,018, Oct. 30.
Herrick, Gerard P., New York, N. Y. Multiple flight aircraft. 2,544,497, Mar. 6.
Herrick, Guy S.: *See*—
Loukomsky, Serge A., and Herrick.
Herrick, John H., Wellesley, Mass., and J. P. Pancoast, Glen Rock, N. J. Container. 2,547,005, Apr. 3.
Herrick, Percy H., Baltimore, Md., assignor to Products Manufacturing Co., Inc. Combination roller toy. 2,546,822, Mar. 27.
Herrick, Robert E., Chicago, Ill. Adjustable typewriter base. 2,541,418, Feb. 13.
Herrick, Robert E., Brooklyn, N. Y. Combination typewriter box, desk, and seat. 2,547,754, Apr. 3.
Herrick, Roswell H., Lorain, Ohio, R. R. Fowler, Oak Park, and R. P. Dimmer, assignors to Automatic Electric Laboratories, Inc., Chicago, Ill. Channel switching in voice current repeater stations. 2,552,787, May 15.
Herrick, Roswell H., Lorain, Ohio, assignor to Automatic Electric Laboratories, Inc., Chicago, Ill. Selective signaling system employing condenser charge. 2,564,062, Aug. 14.
Herring, Arthur G., assignor to J. C. Lockhart, Oklahoma City, Okla. Repeating rubber band toy gun. 2,573,142, Oct. 30.
Herring, Raymond L., Pataskala, Ohio. Rotatable tray for motor vehicle luggage compartments. 2,568,628, Sept. 18.
Herring-Hall-Marvin Safe Company, assignee: *See*—
Adams, William E.
Mosman, Warren F.
Herrington, Leroy R., Astoria, Oreg. Line holder. 2,561,572, July 24.
Herrington, Sanford W., Velasco, Tex. Wedge type strand brake with cocking engagement. 2,544,086, Mar. 6.
Herriott, David R., Glendale, Calif. Tobacco pipe. 2,543,168, Feb. 27.
Herriott, David R., Glendale, Calif. Safety device for fluid brakes. 2,563,168, Aug. 7.
Herrly, Raymond A., South Bend, Ind., assignor to United States Rubber Company, New York, N. Y. Apparatus for filling molds with foamed latex. 2,574,391, Nov. 6.
Herrman, Donald D., assignor to Hartzell Industries, Inc., Piqua, Ohio. Air handling apparatus. 2,536,130, Jan. 2.
Herrmann, John A., and E. T. Platz, assignors to Bulldog Electric Products Company, Detroit, Mich. Circuit breaker. 2,555,035, May 29.
Herrmann, Louis T., Pasadena, Calif. Nozzle. 2,562,096, July 24.
Herron, Alexander T., assignor to Merrimack Manufacturing Company, Lowell, Mass. Pile fabric cutter. 2,554,529, May 29.
Herron, Ollie L., Chicago, Ill. Window construction. 2,574,641, Nov. 13.
Herrstrum, Rudolph E., assignor to Rockford Machine Tool Company, Rockford, Ill. Table control for hydraulic machine tools. 2,542,519, Feb. 20.
Hersberger, Arthur B., Drexel Hill, assignor to The Atlantic Refining Company, Philadelphia, Pa. Low temperature filtration of hydrocarbon polymers. 2,537,759, Jan. 9.
Hersberger, Arthur B., Drexel Hill, assignor to The Atlantic Refining Company, Philadelphia, Pa. Mineral aggregate bonding composition. 2,550,476, Apr. 24.
Hersberger, Arthur B., Drexel Hill, assignor to The Atlantic Refining Company, Philadelphia, Pa. Removal of water haze from immiscible liquids. 2,556,722, June 12.
Hersey, Arthur J.: *See*—
Hersey, Kenneth J. and A. J.
Hersey, Donald S., *See*—
Kuhrt, Wesley A., and Hersey.
Hersey, Henry J., Jr., Chatham, N. J. Dust filter. 2,551,126, May 1.
Hersey, Henry J., Jr., Chatham, N. J. Dust filter. 2,559,428, July 3.
Hersey, Henry J., Jr., Chatham, N. J. Dust filter. 2,573,844, Nov. 6.
Hersey, Kenneth J., Hopkins, and A. J. Hersey, Minneapolis, Minn. Tractor seat mount. 2,558,049, June 26.
Hersey, Ralph E.: *See*—
Dehn, Joseph W., Hersey, and Mehring.
Hersey, Ralph E., Madison, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Frame and trunk selection. 2,573,569, Oct. 30.
Hersey, Ralph E., Madison, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Call data recording telephone system. 2,580,093, Dec. 25.
Hersh, Joseph B., Flushing, N. Y. Dental tool. 2,541,357, Feb. 13.
Hersh Motor Car Company, Inc., assignee: *See*—
Hersh, Robert W.
Hersh, Robert W., assignor to Hersh Motor Car Company, Inc., Elizabeth, N. J. Inventory control business machine. 2,537,758, Jan. 9.
Hershberger, Doran D., Fort Wayne, Ind., assignor to General Electric Company. Rotor for dynamoelectric machine. 2,579,318, Dec. 18.
Hershberger, William D., Princeton, N. J., assignor to Radio Corporation of America. Frequency stabilizing system. 2,555,131, May 29.
Hershberger, William D., Princeton, N. J., assignor to Radio Corporation of America. Frequency-stabilizing method and system. 2,559,719, July 10.
Hershinger, Lincoln W., Oreland, assignor to Philco Corporation, Philadelphia, Pa. Wide-band amplifier. 2,574,828, Nov. 13.
Hershkowitz, Murray, Brooklyn, N. Y. Evaporative marking composition. 2,578,425, Dec. 11.
Herskind, Carl C., and M. J. Mulhern, Schenectady, N. Y., assignors to General Electric Company. Stabilized arc suppressing system for electronic devices. 2,550,477, Apr. 24.
Herson, Jacob S., Dayton, Ohio. Radiant energy control device. 2,538,781, Jan. 24.
Herst, Samuel: *See*—
Dameral, Ray C.
Herter, George L., Waseca, Minn. Mortar sight. 2,560,574, July 17.
Hertig, Franklin L., Weatherly, Pa. Screw starting attachment for screw drivers. 2,555,444, June 5.
Hertlein, Carl J., Bronxville, N. Y. End mill sharpening fixture. 2,569,855, Oct. 2.
Herts, Jack H. B., and J. E. McPhee, assignors to John Widdicomb Company, Grand Rapids, Mich. Bedrail finishing carrier. 2,559,958, July 10.
Hertz, David B.: *See*—
Piperoux, Rene P., Hertz, and Diemer.
Piperoux, Rene P., Moeller, and Hertz.
Hertz, George, Washington, D. C. Covering device. 2,572,722, Oct. 23.
Hertzberg, Philip, Cleveland, Ohio. Portable refrigerator. 2,559,121, July 3.
Hervey, David E., Old Fort, N. C., assignor to Hervey Foundation, Incorporated. Wooden structure and method. 2,540,482, Feb. 6.
Hervey, David E. and R. W., Old Fort, N. C. Method of and apparatus for forming tubular articles from laminated materials. 2,549,810, Apr. 24.
Hervey, Eugene, Dallas, Tex. Foldable canopy frame. 2,571,362, Oct. 16.
Hervey Foundation, Incorporated, assignee: *See*—
Hervey, David E.
Hervey, Laurence R. B., Concord, Mass., assignor, by mesne assignments, to Rubberset Company, Newark, N. J. Brush and making same. 2,562,716, July 31.
Hervey, Robert W.: *See*—
Hervey, David E. and R. W.

Herwig, Charles W.: *See*—
Pierson, Reuben E., and Herwig.
Herwig, Robert S., Arlington, assignor to Bendix Aviation Corporation, Teterboro, N. J. Plating a carbon or graphite part with chromium. 2,547,120, Apr. 3.
Herz, Arthur H.: *See*—
Keyes, Grafton H., Herz, and Brooker.
Herz, Vladimir W., New York, N. Y. Frame supporting device. 2,550,926, May 1.
Herzberger, Maximilian J., assignor to Eastman Kodak Company, Rochester, N. Y. Wide angle corrected photographic objective comprising four meniscus components in axial alignment. 2,559,875, July 10.
Herzegh, Frank, Shaker Heights, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Pneumatic tire package. 2,573,664, Oct. 30.
Herzfeld, Louis M., Beverly Hills, Calif. Gas mixing device. 2,576,602, Nov. 27.
Herzog, Carl, Montclair, N. J. Producing scoring implements. 2,569,054, Sept. 25.
Herzog, Gerhard: *See*—
Lee, Burton D., and Herzog.
Stratford, William M., Teichmann, and Herzog.
Herzog, Gerhard, Houston, Tex., assignor to The Texas Company, New York, N. Y. Measurement of thickness. 2,540,261, Feb. 6.
Herzog, Gerhard, Houston, Tex., assignor to The Texas Company, New York, N. Y. Prospecting. 2,562,914, Aug. 7.
Herzog, Gerhard, Houston, Tex., assignor to The Texas Company, New York, N. Y. Geophysical prospecting using gamma-ray detectors. 2,563,333, Aug. 7.
Herzog, Gerhard, A. H. Lord, Jr., L. M. Evans, and R. B. Heath, Houston, Tex., assignors to The Texas Company, New York, N. Y. Measuring apparatus. 2,536,131, Jan. 2.
Herzog, Henry, Cleveland, Ohio. Valve repair tool. 2,573,790, Nov. 6.
Herzstark, Curt, assignor to "Contina" Büro-und Rechenmachinenfabrik A. G., Mauren, Liechtenstein. Visible setting control mechanism for calculating machines. 2,544,426, Mar. 6.
Herzstark, Curt, assignor to Contina Bureaux -und Rechenmaschinenfabrik Aktiengesellschaft, Mauren, Liechtenstein. Locking device. 2,566,835, Sept. 4.
Herzstark, Curt, Mauren, Liechtenstein. Yieldable lapping plate. 2,569,099, Sept. 25.
Hesch, Frederick H.: *See*—
Mason, James F., and Hesch.
Heseltine, Donald W., assignor to Eastman Kodak Company, Rochester, N. Y. Quinaldinium salts and synthesis. 2,578,303, Dec. 11.
Heseltine, Donald W., and L. G. S. Brooker, assignors to Eastman Kodak Company, Rochester, N. Y. Lepidinium salts and synthesis. 2,578,304, Dec. 11.
Hesemann, Bernard H., Orleans, Nebr. Manual control device. 2,549,969, Apr. 24.
Heslin, John J.: *See*—
Jones, Webster, and Heslin.
Hess, Alexander M., New York, N. Y. Forming pleats. 2,548,475, Apr. 10.
Hess, Alexander M., New York, N. Y. Pleating. 2,573,441, Oct. 30.
Hess, Carl W., Superior, Wis. Curtain hanging means. 2,568,498, Sept. 18.
Hess, Charles, Yonkers, assignor to S & S Corrugated Paper Machinery Co., Inc., Brooklyn, N. Y. Solenoid controlled taping machine. 2,564,901, Aug. 21.
Hess, Charles, Yonkers, assignor to S & S Corrugated Paper Machinery Co., Inc., Brooklyn, N. Y. Target operated taping machine. 2,574,181, Nov. 6.
Hess, Edith C., Chicago, Ill. Lipstick template. 2,543,458, Feb. 27.
Hess, Emerson E., Powell, Ohio. Electrically actuated indicating mechanism for weighing scales. 2,552,319, May 8.
Hess, Frederic O., assignor to Selas Corporation of America, Philadelphia, Pa. Heat-treating metallic bodies. 2,539,135. Jan. 23.
Hess, Frederic O., assignor to Selas Corporation of America, Philadelphia, Pa. Billet heating. 2,547,755, Apr. 3.
Hess, Frederic O., assignor to Selas Corporation of America, Philadelphia, Pa. Internal gas burner. 2,561,200, July 17.
Hess, Frederic O., assignor to Selas Corporation of America, Philadelphia, Pa. Strip metal heat-treating. 2,573,019, Oct. 30.
Hess, Frederic O., A. A. Furczyk, Philadelphia, and J. B. Henwood, Bala-Cynwyd, assignors to Selas Corporation of America, Philadelphia, Pa. Gas and oil burner. 2,561,795, July 24.
Hess, Frederic O., and F. Maud, assignors to Selas Corporation of America, Philadelphia, Pa. Apparatus for heating selected portions of elongated workpieces in a continuous process. 2,576,342, Nov. 27.
Hess, Frederick G., Merchantville, N. J., assignor, by mesne assignments, to Cities Service Research and Development Company, New York, N. Y. Disubstituted thiourea compounds. 2,561,510, July 24.
Hess, Frederick G., Merchantville, N. J., assignor, by mesne assignments, to Cities Service Research and Development Company, New York, N. Y. Reaction product of phthalic anhydride and a primary rosin amine. 2,571,716, Oct. 16.
Hess, Howard V.: *See*—
Arnold, George B., and Hess.
Hess, Howard V., Beacon, and G. B. Arnold, Glenham, assignors to The Texas Company, New York, N. Y. Production of hydrocarbons and oxygenated compounds. 2,558,556, June 26.
Hess, Howard V., Beacon, and G. B. Arnold, Glenham, assignors to The Texas Company, New York, N. Y. Extraction of alcohols from the F-T synthesis product. 2,558,557, June 26.
Hess, Paul D., Glasford, Ill. Fluid flowmeter. 2,543,020, Feb. 27.
Hess, Ralph D., Mascoutah, Ill. Crankcase attachment. 2,575,274, Nov. 13.
Hess, Robert E., Burbank, assignor to Miter King Company, Los Angeles, Calif. Adjustable miter box. 2,547,121, Apr. 3.
Hess, Walter R.: *See*—
Jensen, Lloyd B., and Hess.
Hess, William, Hanford, Calif. Rotary portable saw support mitering machine. 2,568,957, Sept. 25.
Hess, William, and H. E. Watkins, Hanford, Calif. Miter guide for power saws. 2,558,217, June 26.
Hess, William F., Providence, R. I. Flexible chain construction. 2,572,620, Oct. 23.
Hesse, Louis R., Columbus, Ohio. Spinner for artificial fish baits. 2,551,127, May 1.
Hessel, Frederick A., and W. B. Canfield, Montclair, N. J., assignor of one-half to Montclair Research Corporation and one-half to Ellis-Foster Company. Cation-exchange product and making same. 2,549,745, Apr. 17.
Hessel, Frederick A., Upper Montclair, and J. B. Rust, Montclair, N. J., assignors of one-half to Montclair Research Corporation and one-half to Ellis-Foster Company. Abrasive bodies and making same. 2,559,122, July 3.
Hesselberg, Arthur F., assignor to The H. C. Godman Company, Columbus, Ohio. Making shoes. 2,569,055, Sept. 25.
Hessert, Raymond M., Buffalo, and F. J. Schutt, Brooklyn, assignors to Remington Rand Inc., Buffalo, N. Y. Document photographing machine. 2,537,529, Jan. 9.
Hessler, Arthur F., N. P. Boretti, and K. Sarafian, assignors to General Motors Corporation, Detroit, Mich. Arc welder interrupter. 2,573,020, Oct. 30.
Hessney, George C., and J. W. Martindale, Akron, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y. Tire construction. 2,566,328, Sept. 4.
Hessney, George C., Akron, and J. W. Martindale, Cuyahoga Falls, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y. Tire casing or similar laminated article. 2,566,329, Sept. 4.
Hesson, James C.: *See*—
Williamson, Hilding V., and Hesson.
Hester, Frank A., assignor to Faximile, Inc., New York, N. Y. Black and white limiter. 2,545,463, Mar. 20.
Hester, Frank A., New York, and J. W. Smith, Whitestone, assignors to Faximile, Inc., New York, N. Y. Tone and density compensating device. 2,541,060, Feb. 13.
Hester, Frank A., New York, and J. W. Smith, Long Island City, assignors to Faximile, Inc., New York, N. Y. Facsimile safety device. 2,543,779, Mar. 6.
Hester, Dwight H., Chicago, Ill. Photographic print drying and mounting apparatus. 2,572,148, Oct. 23.
Hester, Levi C., Jacksonville, Fla. Ditching plow. 2,548,261, Apr. 10.
Hester, R. P., assignee: *See*—
Pait, Graham.
Hester, Richard P.: *See*—
Cain, Willie C., and Hester.
Hesterberg, Frederick, Norborne, Mo. Hand guided tractor. 2,545,781, Mar. 20.
Heston, Eugene E.: *See*—
Buecken, Hans E., and Heston.
Heston, Roger N., Nampa, Idaho. Wire clothespin. 2,547,122, Apr. 3.
Hetchler, John D.: *See*—
Haas, Frank C., Hetchler, and Paradee.
Heth, Glen F., Fort Atkinson, Wis. Container vise. 2,549,084, Apr. 17.
Heth, Sherman C., assignor to J. I. Case Company, Racine, Wis. Safety clutch. 2,573,140, Oct. 30.
Hetherington, Ralph F., St. Louis, Mo. Miniature rotatable beacon light. 2,554,781, May 29.
Hettelsater, Henry C., Whitefish Bay, and G. L. Gavin, assignors to Harnischfeger Corporation, Milwaukee, Wis. Replaceable tooth for rotary earth cutting means. 2,549,088, Apr. 17.
Hettinger, Charles, West Englewood, N. J. Machine for automatically applying icing to cakes. 2,553,191, May 15.
Hettinger, Charles, West Englewood, N. J. Machine for automatically packaging articles. 2,559,819, July 10.
Hettinger, Charles, West Englewood, N. J. Machine for molding sour rye dough. 2,560,864, July 17.
Hettrick Manufacturing Company, The, assignee: *See*—
Smith, Milton B.
Smith, William I.
Hetu, Mary, Riverside, R. I. Curtain stretcher. 2,551,326, May 1.
Hetzel, Frederick W., East Orange, N. J. Attachment for golf clubs. 2,543,722, Feb. 27.
Hetzel, Henrietta E., assignee: *See*—
Smith, Harry E.

Hetzel, Stanford J., Cheltenham, assignor to Sun Oil Company, Philadelphia, Pa. Plasticized polyvinyl resin. 2,545,811, Mar. 20.
Hetzel, Stanford J., Cheltenham, assignor to Sun Oil Company, Philadelphia, Pa. 1,5-pentanediol difuroate. 2,578,246, Dec. 11.
Hetzler, Lewis R., Ann Arbor, Mich., and R. A. Wilkins, Anderson, Ind., assignors to General Motors Corporation, Detroit, Mich. Distributor rotor. 2,555,488, June 5.
Hetzner, Howard P., San Anselmo, and J. T. Rutherford, Berkeley, assignors to California Research Corporation, San Francisco, Calif. N-alkyl substituted anilines. 2,565,428, Aug. 21.
Heubeck, George F., Baltimore, Md. Curtain accessory. 2,554,106, May 22.
Heubach, William E., Morton, Ill. Lawn cultivating machine. 2,544,958, Mar. 13.
Heuer, Lawrence H., Detroit, Mich. Ring closing pliers. 2,562,097, July 24.
Heuer, Lawrence H., assignor to Automotive Spring Company, Detroit, Mich. Torsion brake release spring. 2,577,964, Dec. 11.
Heuer, Russell P., Villanova, Pa., assignor to General Refractories Company. Suspended refractory brick and interposed oxidizable metallic plate furnace roof and constructing the same. 2,547,322, Apr. 3.
Heuer, Russell P., Villanova, Pa., assignor to General Refractories Company. Unburned refractory brick making. 2,547,323, Apr. 3.
Heuser, Fred, Gasport, N. Y. Spraying apparatus. 2,554,702, May 29.
Heuser, Helen E., assignor of one-half to H. E. Heuser, Detroit, Mich. Adjustable bed table. 2,547,642, Apr. 3.
Heuser, Henri E., assignee: *See*—
Heuser, Helen E.
Heuser, Leon J.: *See*—
Lott, William A., Bernstein, and Heuser.
Heusted, George B.: *See*—
Bauman, William C., and Heusted.
Hewes, Ralph W.: *See*—
Field, Oscar S., Wight, and Hewes.
Hewes, Ralph W., assignor to General Railway Signal Company, Rochester, N. Y. Flight progress board. 2,559,429, July 3.
Hewes, William L., Darby, Pa. Manicure and cutting device. 2,559,156, July 3.
Hewett, Louis F., Bartow, Fla., and C. E. Heinrichs, assignors to Virginia Carolina Chemical Corporation, Richmond, Va. Table agglomeration concentration of ore. 2,536,286, Jan. 2.
Hewins, Morley S.: *See*—
Willis, Edward E., and Hewins.
Hewitt, Donald H.: *See*—
Armitage, Frank, Cottrell, and Hewitt.
Wakeford, Leslie E., and Hewitt.
Hewitt, Ellis E.: *See*—
May, Harry C., and Hewitt.
Hewitt, Ellis E., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Pulverized coal atomizer. 2,545,518, Mar. 20.
Hewitt, George W.: *See*—
Penney, Gaylord W., and Hewitt.
Hewitt-Robins Incorporated, assignee: *See*—
Meissner, John F.
Hewitt, William H., Jr., Mendham, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Flexible wave guide. 2,576,835, Nov. 27.
Hewlett-Packard Company, assignee: *See*—
Hewlett, William R.
Kingman, Rufus M.
Overacker, Horace E.
Zeidler, Howard M.
Hewlett, William R., assignor, by mesne assignments, to Hewlett-Packard Company, Palo Alto, Calif. Voltage attenuator. 2,539,352, Jan. 23.
Hewlett, William R., Palo Alto, and D. Packard, Los Altos, assignors to M. P. H. Industries, Palo Alto, Calif. Timing apparatus. 2,558,249, June 26.
Hewson, Thomas A., Medfield, assignor to Lessells and Associates, Inc., Boston, Mass. Apparatus for performing chemical tests. 2,550,067, Apr. 24.
Hewson, Thomas A., Dover, assignor to Lessells and Associates, Inc., Boston, Mass. Automatic chemical testing apparatus. 2,560,107, July 10.
Hewton, William R., assignor to Collins & Aikman Corporation, Philadelphia, Pa. Double shuttle weft replenishing loom. 2,577,419, Dec. 4.
Hexdall, Andrew M., Morris, Ill. Fastener for sheet metals. 2,563,242, Aug. 7.
Hey, Henry W., and J. G. Ingres, assignors to Automatic Shifters, Inc., Richmond, Va. Gear shifting mechanism. 2,568,958, Sept. 25.
Hey, Lester E., Paterson, N. J., A. N. Lillenas, Minneapolis, Minn., and I. Mendelson, Paterson, N. J., assignors to Wright Aeronautical Corporation. Vibration damper. 2,540,880, Feb. 6.
Heyck, Joseph G., Tampa, Fla. Rain guard for automobile ventilating windows. 2,547,911, Apr. 3.
Heyden Chemical Corporation, assignee: *See*—
Klein, David X., and Curgan.
Lulek, Ralph N.
Oppenheimer, Philip W., and Cake.
Vander Valk, Christy J.
Heyden Pharmacal Company, assignee: *See*—
Ledrut, Jules H. T.
Heyer, Don, Los Angeles, Calif. Variable-speed drive. 2,543,967, Mar. 6.
Heyer, Don, assignor to International Powermatic Corporation, Los Angeles, Calif. Motion picture reproducing apparatus. 2,568,734, Sept. 25.
Heyer, Frederic K., assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Lock casing. 2,538,688, Jan. 16.
Heyes, George E., administrator: *See*—
Kraeger, Vincent S., and Pym.
Heyl, Frederick W., and M. E. Herr, assignors to The Upjohn Company, Kalamazoo, Mich. Synthesis of pregnenolone. 2,554,986, May 29.
Heyl, Frederick W., and M. E. Herr, Kalamazoo, Mich., and A. P. Centolella, Elkhart, Ind., assignors to The Upjohn Company, Kalamazoo, Mich. 3-substituted-22-monophenyl-bisnor-5,20-choladienes and production of pregnenolone therefrom. 2,576,937, Dec. 4.
Heyman, Albert A., assignor to J. Shapiro, Baltimore, Md. Straw cutting mechanism for straw manufacturing machines. 2,575,417, Nov. 20.
Heyman Manufacturing Company, assignee: *See*—
Klumpp, Ferdinand, Jr.
Heyman, Moses D., assignor to Integrated Mica Corporation, Woodmere, N. Y. Applying protective coatings of mica to solid surfaces. 2,568,004, Sept. 18.
Heymann, Roy D., New Hartford, assignor to The William L. Gilbert Clock Corporation, Winsted, Conn. Molded clockcase. 2,558,518, June 26.
Heymann, Seymour E., Indianapolis, Ind., assignor to Stewart-Warner Corporation, Chicago, Ill. Heater. 2,545,616, Mar. 20.
Heymann, Seymour E., Los Angeles, Calif., assignor to Stewart-Warner Corporation, Chicago, Ill. Vehicle heating system. 2,576,757, Nov. 27.
Heyne, Clarence A., and J. R. Johnson, Alton, Ill., assignors to Owens-Illinois Glass Company. Article conveying and timing mechanism. 2,571,036, Oct. 9.
Heynisch, Paul, assignor to Landis & Gyr, A-G., Zug, Switzerland. Maximum demand meter recording system. 2,539,835, Jan. 30.
Heyrovský, Jaroslav, assignor to Zbrojovka Brno, Narodni Podnik (also named Brno Arms Factory, National Corporation), Prague, Czechoslovakia. Apparatus for electrolytic investigation of solutions. 2,569,100, Sept. 25.
Heyward, Harold A., assignor to Pin Money Exchange, Incorporated, Chicago, Ill. Package handling and treating machine. 2,543,968, Mar. 6.
Heywood, Basil J., and A. H. Knight, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited. Monoazo dyestuffs. 2,557,285, June 19.
Heywood, Vincent E., Worcester, assignor to United States Envelope Company, Springfield, Mass. Flap gumming and folding mechanism for enevelope machines. 2,568,629, Sept. 18.
Heywood-Wakefield Company, assignee: *See*—
Bell, Alfred B.
Dean, Walter B.
Eckert, Joseph, and Klar.
Hendrickson, Severin B.
Lyon, John C.
Mosher, Chester L., and Owler.
Watter, Michael.
Heyworth, James E., and E. F. Harkins, assignors to Republic Steel Corporation, Cleveland, Ohio. Stock gauge for blast furnaces. 2,538,312, Jan. 16.
Hezler, Julius, Jr., assignor to The Studebaker Corporation, South Bend, Ind. Window guide. 2,565,232, Aug. 21.
Hezlep, Herbert, Jr., Pasadena, Calif. Sliding door hanger device. 2,566,522, Sept. 4.
Hiatt, Gordon D., and H. N. Jarvis, assignors to Eastman Kodak Company, Rochester, N. Y. Thermoplastic casting composition and employing same. 2,566,199, Aug. 28.
Hiatt, Melva E., Bethesda, Md. Multicompartment receptacle for straddling conventional hand luggage. 2,574,786, Nov. 13.
Hiatt, Verl H., Noblesville, Ind., assignor to the United States of America as represented by the Secretary of the Navy. Vacuum tube amplifier. 2,576,938, Dec. 4.
Hiatt, Robert E., Oak Lawn, Ill. Position indicator for vehicle steering apparatus. 2,579,233, Dec. 18.
Hibbard, Donald L., Chevy Chase, Md., and S. E. Homsey, Washington, D. C. Seat. 2,549,902, Apr. 24.
Hibbard, Joseph R.: *See*—
Ort, Johannes G., and Hibbard.
Hibbard, Lloyd J., Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Control system for electrically-operated vehicles. 2,539,190, Jan. 23.
Hibbard, Lloyd J., Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Dephased inductive-interference prevention. 2,554,248, May 22.
Hibbard, Robert L., deceased, late of Bellevue, Pa., by S. C. Hibbard, Ross Township, Allegheny County, R. L. Hibbard, Jr., and H. M. Junkin, Bellevue, executors, assignors of one-half to W. K. Stamets, Mars, Pa. Machine tool work holder. 2,576,114, Nov. 27.

Hibbard, Robert L., Jr., executor: *See*—
Hibbard, Robert L.
Hibbard, Schuyler M., Macedon, assignor to Canning Machinery, Inc., Rochester, N. Y. Machine and method for rounding food products. 2,572,262, Oct. 23.
Hibbard, Stewart C., executor: *See*—
Hibbard, Robert L.
Hibbard, Thomas L., Birmingham, and S. J. Galla, Detroit, assignors to Ford Motor Company, Dearborn, Mich. Automobile seat construction. 2,576,343, Nov. 27.
Hibbert, Harold: *See*—
Taylor, Cecil A., and Hibbert.
Hibbert, Harold M., J. Holroyd, and R. H. Baines, Spondon, near Derby, England, assignors to Celanese Corporation of America. Winding of yarns. 2,548,976, Apr. 17.
Hibbs, Harry W., Princeville, Ill. Necktie container and supporting rack. 2,569,761, Oct. 2.
Hibbs, Ralph M., assignee: *See*—
Noll, Charles A.
Hibbs, Ralph M., Philadelphia, Pa. Packaged germicides and compositions. 2,541,248, Feb. 13.
Hibshman, Henry J., Plainfield, N. J., assignor to Standard Oil Development Company. Ethylene extraction. 2,542,520, Feb. 20.
Hibshman, Henry J., Plainville, and R. N. Dolph, Somerville, N. J., assignors to Standard Oil Development Company. Process for segregating oxygenated hydrocarbons. 2,542,521, Feb. 20.
Hick, John T., Malba, N. Y. Flame detector system. 2,550,351, Apr. 24.
Hickey, Eldon E.: *See*—
Guice, Edgar P., and Hickey.
Hickey, Emory V., Pasadena, assignor of one-half to H. W. Olson, Monrovia, Calif. Brickmaking. 2,540,881, Feb. 6.
Hickey, Eve B., Mill Valley, Calif. Eyelash curler. 2,552,095, May 8.
Hickey, John H., assignor to Great Lakes Carbon Corporation, Morton Grove, Ill. Purification of coal. 2,556,496, June 12.
Hickey, John H., assignor to Great Lakes Carbon Corporation, Morton Grove, Ill. Cracking with acid-treated clay catalyst. 2,579,576, Dec. 25.
Hickey, John J., Belleville, N. J. Portable game playing device utilizing balls simulating playing cards. 2,555,132, May 29.
Hickey, Marie E., East Chicago, Ind., assignor of fifty per cent to A. E. Kass, Mauston, Wis. Medical therapy cart. 2,575,661, Nov. 20.
Hickey, Richard J., assignor to Commercial Solvents Corporation, Terre Haute, Ind. Oral therapeutic tablets. 2,566,200, Aug. 28.
Hickey, Robert H., Glastonbury, assignor to Haydon Manufacturing Company, Inc., Torrington, Conn. Automatic resetting timing switch. 2,548,604, Apr. 10.
Hickman, Albert F., assignor to Hickman Pneumatic Seat Co. Inc., Eden, N. Y. Vehicle spring suspension. 2,536,933, Jan. 2.
Hickman, Albert F., assignor to Hickman Pneumatic Seat Co., Inc., Eden, N. Y. Torsion rod suspension for vehicles. 2,542,026, Feb. 20.
Hickman, Albert F., assignor to Hickman Pneumatic Seat Co. Inc., Eden, N. Y. Spring suspension for railroad cars. 2,553,583, May 22.
Hickman, Albert F., assignor to Hickman Industries, Inc., Eden, N. Y. Tandem axle spring suspension. 2,567,481, Sept. 11.
Hickman, Albert F., assignor to Hickman Industries, Inc., Eden, N. Y. Oil seal for bearings. 2,574,478, Nov. 13.
Hickman, Albert F., assignor to Hickman Industries, Inc., Eden, N. Y. Spring suspension for vehicles. 2,577,760, Dec. 11.
Hickman, Albert F., assignor to Hickman Industries, Inc., Eden, N. Y. Spring suspension for vehicles. 2,577,761, Dec. 11.
Hickman, Augustus A., Brooklyn, L. O. Henderson, and A. Patriacco, New York, N. Y. Pipe joint. 2,574,182, Nov. 6.
Hickman, Charles E., Adrian, assignor to Bohn Aluminum & Brass Corporation, Detroit, Mich. Shelf for refrigerators, ovens, storage cabinets, and the like. 2,568,153, Sept. 18.
Hickman, Clarence J., Oronoque, assignor to Tey Manufacturing Corporation, Milford, Conn. Ski. 2,560,693, July 17.
Hickman, Clarence N., Jackson Heights, N. Y., assignor to the United States of America as represented by the Secretary of War. Powder trap. 2,549,811, Apr. 24.
Hickman, Clarence N., Jackson Heights, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Impulse counting relay. 2,564,432, Aug. 14.
Hickman, Clarence N., Jackson Heights, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Code transmitter. 2,567,812, Sept. 11.
Hickman, Clarence N., Jackson Heights, N. Y., assignor to the United States of America as represented by the Secretary of War. Propellant having an opacifier for preventing self-ignition by radiant energy radiations. 2,574,479, Nov. 13.
Hickman, Clarence N., Jackson Heights, N. Y., R. L. Graumann, Alexandria, Va., and R. F. Mallina, Hastings, N. Y.; said Hickman and said Graumann assignors to The United States of America as represented by the Secretary of the Navy and said Mallina assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Jet-accelerated armor-piercing bomb. 2,545,204, Mar. 13.
Hickman, Elbert K., Brighton, and J. B. Lubischer, Rochester, N. Y. Machine for skinning meat. 2,539,692, Jan. 30.
Hickman Industries, Inc., assignee: *See*—
Hickman, Albert F.
Hickman, Kenneth C. D., assignor, by mesne assignments, to Eastman Kodak Company, Rochester, N. Y. Vacuum distillation apparatus. 2,538,967, Jan. 23.
Hickman, Kenneth C. D., assignor, by mesne assignments, to Eastman Kodak Company, Rochester, N. Y. Vacuum still. 2,554,703, May 29.
Hickman, Kenneth C. D., assignor, by mesne assignments, to Eastman Kodak Company, Rochester, N. Y. Vacuum distillation apparatus. 2,578,999, Dec. 18.
Hickman, Kenneth C. D., and G. A. Kuipers, assignors by mesne assignments, to Eastman Kodak Company, Rochester, N. Y. Oil vapor pump. 2,560,646, July 17.
Hickman Pneumatic Seat Co. Inc., assignee: *See*—
Hickman, Albert F.
Hickok Manufacturing Co. Inc., assignee: *See*—
Brady, Francis A.
Chichester, Irving F.
Hickok, Robert D., Bratenahl, assignor to Cleveland Patents, Incorporated, Cleveland, Ohio. Meter with adjustable magnetic structure. 2,537,221, Jan. 9.
Hickok, Robert D., Bratenahl, and W. A. Weiss, Euclid, assignors to Cleveland Patents, Incorporated, Cleveland, Ohio. Frequency modulation device. 2,551,561, May 1.
Hickory Specialty Company, assignee: *See*—
Hendrix, Palmer G.
Hickox, Lee, assignor to Container Laboratories, Inc., Chicago, Ill. Method and projection display means for evaluating visibility. 2,557,380, June 19.
Hicks, Cecil F., Lexington, Oreg. Holder for wax paper dispensers. 2,543,169, Feb. 27.
Hicks, Clair, assignee: *See*—
Andrews, Howard D.
Hicks, Earl J., Gouverneur, N. Y. Gap cover attachment for automobile seats. 2,571,574, Oct. 16.
Hicks, Edward C., Peekskill, N. Y. Tobacco can humidor cover. 2,546,599, Mar. 27.
Hicks, Frederick J.: *See*—
McKay, Neil S., Clements, and Hicks.
Hicks, James C.: *See*—
Austin, Leslie W., and Hicks.
Hicks, James C., Menlo Park, and L. W. Austin, San Jose, Calif., assignors to Kaiser Aluminum & Chemical Corporation. Product and preparation of periclase. 2,571,134, Oct. 16.
Hicks, James R., assignor to The Bristol Company, Waterbury, Conn. Buoyancy responsive apparatus. 2,564,305, Aug. 14.
Hicks, Harry J., and T. I. Steptoe, Lynchburg, Va. Collapsible fish net. 2,556,650, June 12.
Hicks, Marvin L., assignor of one-half to R. N. Ward, Greenville, S. C. Shuttle actuating mechanism. 2,537,895, Jan. 9.
Hicks, Nell S., Decatur, Ga. Curtain. 2,543,459, Feb. 27.
Hicks, Reginald, Yonkers, assignor to American-La France-Foamite Corporation, Elmira, N. Y. Safe load indicator. 2,569,890, Oct. 2.
Hicks, Russell S., executor: *See*—
Julius, Awdry F. and G. A.
Hicks, W. Wesley, assignee: *See*—
Kercher, Arthur J.
Hicks, William W., assignor to Ionics, Inc., San Francisco, Calif. Ion controller. 2,576,399, Nov. 27.
Hickson, William H., Marengo, Ohio. Animal trap. 2,562,313, July 31.
Hid-Lok Corporation, assignee: *See*—
Lutz, Jean V., and Keyser.
Hidy, John H.: *See*—
Schmitt, Otto H., and Hidy.
Hieb, Herbert, assignor to R. J. Newell, Des Moines, Iowa. Folding high chair. 2,560,108, July 10.
Hieb, Herbert, assignor of one-half to E. L. Wolf, Des Moines, Iowa. Portable clothesbasket. 2,574,563, Nov. 13.
Hieber, George E.: *See*—
Reimschissel, Charles A., and Hieber.
Hieger, Robert H., and O. C. Keller, Detroit, Mich. Economizer. 2,537,347, Jan. 9.
Hiemenz, Vera D., Montrose, Calif. Convertible folding reading stand. 2,579,740, Dec. 25.
Hiensch, Johannes N., Tarrytown, N. Y. Process and apparatus for drafting uniform roving. 2,542,331, Feb. 20.
Hiensch, Johannes N., Larchmont, and J. R. Beers, Briar Cliff Manor, assignors to Philips Laboratories, Inc., Irvington-on-Hudson, N. Y. Electric discharge tube. 2,562,163, July 31.
Hiertz, Arthur J., assignor to Bridgeport Brass Company, Bridgeport, Conn. Removable strainer-stopper assembly for sinks or the like. 2,544,498, Mar. 6.

Higby, Willard C., assignor to W. C. Higby, Lowville, and W. Higby, Pulaski, N. Y. Fertilizer spreading machine. 2,553,455, May 15.
Higby, Willis, assignee: *See*—
Higby, Willard C.
Higgins, Allan H. W.: *See*—
Fischer, Herbert C., and Higgins.
Higgins, Anthony, assignee: *See*—
Agnew, Boyd.
Higgins, Arthur J., San Diego, Calif. Tape-pulling pliers. 2,542,249, Feb. 20.
Higgins, Eric B., Welwyn Garden City, England. Waterproof garment. 2,556,621, June 12.
Higgins, Grover B., Chicago, Ill. Purse. 2,567,602, Sept. 11.
Higgins, Harvey E., Enfield, Ill. Diving mouthpiece. 2,550,247, Apr. 24.
Higgins, Inc., assignee: *See*—
Johnson, George H., and Higgins.
Higgins Industries, Inc., assignee: *See*—
Dugas, Joseph J.
Higgins, John W., and J. A. Fried, Cleveland, Ohio; said Higgins assignor to said Fried. Anchor tape. 2,553,765, May 22.
Higgins, Joseph C., and M. J. Pollak, Chicago, Ill.; said Pollak assignor to said Higgins. Portable refrigerator. 2,536,287, Jan. 2.
Higgins Resources, Inc., assignee: *See*—
Schurman, John.
Higgins, Robert W., Evanston, assignor to M. H. Detrick Company, Chicago, Ill. Soaking pit cover with protected sealing means. 2,539,421, Jan. 30.
Higgins, Roland C.: *See*—
Johnson, George H., and Higgins.
Higgins, Thomas, Astoria, N. Y. Educational game device. 2,560,647, July 17.
Higgins, Victor W., Essex, Conn. Seasoning point for meats. 2,544,316, Mar. 6.
Higgins, Waldo W., Kankakee, Ill., assignor to A. O. Smith Corporation, Milwaukee, Wis. Selective capacity water heater. 2,544,458, Mar. 6.
Higgins, William J., Groton, assignor to L. C. Smith & Corona Typewriters, Inc., Syracuse, N. Y. Full stroke mechanism for calculating machines. 2,539,906, Jan. 30.
Higginson, John, assignor to International Harvester Company of Canada, Limited, Hamilton, Ontario, Canada. Scraping hood for double disk furrow openers. 2,540,262, Feb. 6.
Higgs, Alfred, Harrisburg, Pa. Metatarsal cushion. 2,580,094, Dec. 25.
Higgs, John B.: *See*—
Holmes, Leslie, Burnard, and Higgs.
Higgs, Morton C., Whittier, Calif., assignor to United States Gypsum Company, Chicago, Ill. Roofing material and making same. 2,553,413, May 15.
High, Jurjen S., Philadelphia, Pa. Pneumatic spring disk vibrator. 2,547,006, Apr. 3.
High, Jurjen S., deceased, late of Philadelphia, Pa., by R. High, executrix, Philadelphia, Pa. Air driven shaker. 2,559,620, July 10.
High, Martin A., assignee: *See*—
Schroepfer, Frederick W.
High, Rie, executrix: *See*—
High Jurjen S.
High Standard Manufacturing Corporation, The, assignee: *See*—
Humeston, Frederick L.
Klocker, Paul A.
Highberg, Axel L., West Hartford, assignor to United Aircraft Corporation, East Hartford, Conn. Shaft coupling. 2,565,558, Aug. 28.
Highberg, George A.: *See*—
Sloan, Harry E., and Highberg.
Hauck, Harry J., and Highberg.
Highberg, George A., West Hartford, assignor to The Whiton Machine Company, New London, Conn. Chuck. 2,569,056, Sept. 25.
Highberg, George A., West Hartford, assignor to The Whiton Machine Company, New London, Conn. Machine powered chuck. 2,575,662, Nov. 20.
Highberg, George A., West Hartford, and H. J. Hauck, New Britain, Conn., assignors to Modern Tools, Incorporated. Electric surface gauge. 2,569,433, Sept. 25.
Highet, Hugh C., and F. E. Salt, Banstead, England, assignors to The Distillers Company, Limited, Edinburgh, Scotland. Manufacture of isophorone and homoisophorones. 2,566,564, Sept. 4.
Highfield, Leslie J.: *See*—
Robertson, David S., and Highfield.
Highland Art Embroidery Company, assignee: *See*—
Salz, Robert.
High-Pressure Components Limited, assignee: *See*—
Williams, John C., and Winby.
High Standard Manufacturing Corporation, The, assignee: *See*—
Humeston, Frederick L.
Hight, James L., Dayton, Ohio. Shock absorbing crash frame for aerial delivery of cargo and vehicles. 2,557,105, June 19.
Hightower, John W., assignor to Wichita Engineering Company, Wichita Falls, Tex. Wire line guide for truck bodies. 2,553,766, May 22.
Highway Steel Products Company, assignee: *See*—
Hall, Clyde W.
Highway Trailer Company, assignee: *See*—
Connors, George.
Connors, George H.
Keller, Joseph A.
Knudsen, George P.
Higinbotham, William A., Upton, N. Y., assignor to the United States of America as represented by the United States Atomic Energy Commission. Fast impulse circuits. 2,536,808, Jan. 2.
Higinbotham, William A., Santa Fe, N. Mex., assignor, by mesne assignments, to the United States of America as represented by the Secretary of War. Compensated plan position indicator. 2,573,021, Oct. 30.
Higinbotham, William A., Santa Fe, N. Mex., and F. F. Slack, Medford, Mass., assignors to the United States of America as represented by the Secretary of War. Shaft rotation indicating circuit. 2,548,790, Apr. 10.
Higinbotham, William A., Upton, and B. D. McDaniel, Ithaca, N. Y., assignors to the United States of America as represented by the United States Atomic Energy Commission. Counter chronograph. 2,575,759, Nov. 20.
Higley, Frank R., Cleveland Heights, Ohio. Fruit juice extractor mounted for cycloidal movement. 2,538,782, Jan. 23.
Higley, Willard S.: *See*—
Lien, Arthur P., Zimmerschied, and Higley.
Higonnet, René A. E., Saint-Cloud, France, assignor to International Standard Electric Corporation, New York, N. Y. Device for measurement of the distances of obstacles. 2,570,235, Oct. 9.
Hilbert, Richard G., Smithfield, assignor to Universal Winding Co., Cranston, R. I. Bobbin hanger. 2,565,429, Aug. 21.
Hilblom, Samuel E., Chicago, Ill., assignor to International Harvester Company. Mower frame construction. 2,540,263, Feb. 6.
Hilblom, Samuel E., Chicago, Ill., assignor to International Harvester Company. Control means for mower cutter bars. 2,555,541, June 5.
Hild, Frederic W., Los Angeles, Calif. Recirculating radiator system. 2,556,327, June 12.
Hild, Henry F., Merion Park, assignor to Proctor Electric Company, Philadelphia, Pa. Self-leveling support for ironing tables. 2,546,097, Mar. 20.
Hildebrand, Lynn R.: *See*—
Snow, Donald L., Varian, Dodd, and Hildebrand.
Hildebrand, Otto G., Brecksville, and M. W. Humphreys, Euclid, Ohio; said Humphreys assignor to said Hildebrand. Electric fan. 2,538,196, Jan. 16.
Hildebrandt, Alexander B., Tulsa, Okla., assignor to Standard Oil Development Company. Rectilinear pen recorder. 2,537,137, Jan. 9.
Hildebrandt, Alexander B., Tulsa, Okla., assignor to Standard Oil Development Company. Sleeve supported electrode for well logging. 2,552,428, May 8.
Hildebrandt, Edward, Seattle, Wash. Nonspill piepan. 2,540,731, Feb. 6.
Hildebrandt, Frank M., Baltimore, and N. M. Erb, Riviera Beach, Md., assignors to U. S. Industrial Chemicals, Inc. Promoting growth of mold in grain stillage and use of same in the production of alcohol. 2,556,084, June 5.
Hildebrandt, Henry, assignee: *See*—
Buckels, Chris C.
Hilder, Stuart, Arlington, Va., assignor to Monroe Calculating Machine Company, Orange, N. J. Operation control and terminating mechanism. 2,546,893, Mar. 27.
Hildestad, Harold L., Swarthmore, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Combustion chamber fuel nozzle mounting. 2,537,054, Jan. 9.
Hildestad, Harold L., Swarthmore, Pa., assignor, by mesne assignments, to the United States of America as represented by the Secretary of the Navy. Combustion apparatus. 2,543,693, Feb. 27.
Hildestad, Harold L., Swarthmore, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Combustion apparatus provided with a flame-holding assembly. 2,572,723, Oct. 23.
Hildyard, Joseph M., United States Army, Arlington County, Va. Electrical apparatus. 2,559,622, July 10.
Hile-Damroth, Inc., assignee: *See*—
Hile, James L.
Hile, James L., assignor to Hile-Damroth, Inc., New York, N. Y. Display device with removably attached indicia. 2,554,408, May 22.
Hileman, George A., Pittsburgh, Pa., assignor to United States Steel Company. Devices for positioning and handling cylindrical articles. 2,562,035, July 24.
Hileman, James M., New Kensington, assignor to Aluminum Company of America, Pittsburgh, Pa. Heat-treatment of coils of aluminum foil. 2,538,244, Jan. 16.
Hiles, Earl W., Athens, and W. H. Ruther, Springfield, Ill., assignors to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Draft rigging for wagons. 2,576,178, Nov. 27.
Hilgeman, Kenneth M., Portland, Ind. Adjustable crutch. 2,547,265, Apr. 3.
Hilgeman, Walter A., Fairview, Ill. Latch. 2,544,682, Mar. 13.
Hilger, Adam, Limited, assignee: *See*—
Menzies, Alexander C. G., and Dowell.
Hilger, Henry M., Fort Wayne, Ind. Foil for door handles. 2,578,547, Dec. 11.

Hilger, William P., St. Cloud, Minn. Floor sanding edger. 2,565,658, Aug. 28.
Hilgert, Adolph J., assignor to Johnson Service Company, Milwaukee, Wis. Thermostatic diaphragm having straight-line characteristics. 2,565,847, Aug. 28.
Hilgert, Adolph J., assignor to Johnson Service Company, Milwaukee, Wis. Relay for use in controlling atmospheric conditions. 2,569,762, Oct. 2.
Hil-Jon Safety Crown Corporation, assignee: *See*— Hill, Charles, and Johns.
Hilkemeier, Louis G., Greenfield, assignor to Chain Belt Company, Milwaukee, Wis. Concrete mixer water injection device. 2,537,585, Jan. 9.
Hilkemeier, Louis G., Greenfield, and R. M. Hawkins, West Allis, assignors to Chain Belt Company, Milwaukee, Wis. Apparatus for charging and discharging concrete materials. 2,544,084, Mar. 6.
Hilkemeier, Louis G., Greenfield, assignor to Chain Belt Company, Milwaukee, Wis. Apparatus for charging and discharging concrete materials. 2,544,085, Mar. 6.
Hill, Alfred G., Martinsville, and S. I. Gale, Plainfield, N. J., assignors to American Cyanamid Company, New York, N. Y. Crystallization of sodium naphthalene beta sulfonates. 2,568,154, Sept. 18.
Hill, Archie, Painesville, and W. J. Burkholder, Thompson, assignors to Diamond Alkali Company, Cleveland, Ohio. Polymerization of vinyl chloride in an aqueous HOCl—Cl_2—H_2SO_3 system. 2,555,407, June 5.
Hill, Arthur T., assignor to H. W. Lewis Equipment Co., San Antonio, Tex. Trailer having a vertically movable body. 2,577,246, Dec. 4.
Hill, Boyd N., and E. F. Wadley, Baytown, Tex., assignors, by mesne assignments, to Standard Oil Development Company, Elizabeth, N. J. Treatment of synthetic naphtha. 2,544,317, Mar. 6.
Hill, C. V., & Company, Inc., assignee: *See*— Smith, Victor W.
Hill, Charles, Reno, Nev., and C. K. Johns, New York, N. Y. Spring winding device. 2,563,112, Aug. 7.
Hill, Charles, Reno, Nev., and C. K. Johns, New York, assignors to Hil-Jon Safety Crown Corporation, Brooklyn, N. Y. Spring winding device. 2,571,878, Oct. 16.
Hill, Charles, Reno, Nev., and C. K. Johns, New York, assignors to Hil-Jon Safety Crown Corporation, Brooklyn, N. Y. Overload release coupling. 2,571,879, Oct. 16.
Hill, Charles F., Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Cooling dynamoelectric apparatus. 2,561,737, July 24.
Hill, Charles F., Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Cooling and insulating electrical apparatus. 2,561,738, July 24.
Hill, Charles F., and N. C. Foster, Pittsburgh, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Encapsulated member. 2,549,309, Apr. 17.
Hill, David G., Jr., New Orleans, La. Cooking timing machine. 2,565,024, Aug. 21.
Hill, Donald M., trustee, assignee: *See*— Mansfield, William R., and Hughes.
Hill, Edward D., Cleveland, Ohio. Inking roller manufacture. 2,538,751, Jan. 23.
Hill, Eino I., Garden City, Mich. Spice container supporting shelf. 2,562,667, July 31.
Hill, Eugene F., Detroit, Mich., assignor to Ethyl Corporation, New York, N. Y. Recovery of an alkaline earth metal in admixture with an alkali metal. 2,543,406, Feb. 27.
Hill, Eugene F., Detroit, Mich., assignor to Ethyl Corporation, New York, N. Y. Calcium product. 2,561,862, July 24.
Hill, Eugene F., and H. Soroos, Detroit, Mich., assignors to Ethyl Corporation, New York, N. Y. Recovery of calcium in admixture with sodium. 2,543,407, Feb. 27.
Hill, Eugene F., Detroit, C. E. Smith, Allen Park, and T. H. Vaughn, Grosse Ile, assignors to Wyandotte Chemicals Corporation, Wyandotte, Mich. Making a synthetic detergent composition. 2,568,334, Sept. 18.
Hill, Eugene F., Detroit, and F. H. Baldwin, Royal Oak, Mich., assignors to Ethyl Corporation, New York, N. Y. Stabilized organic compositions. 2,576,458, Nov. 27.
Hill, Francis A., 2nd: *See*— Hill, Myron F., and F. A.
Hill, Frank B.: *See*— Sowter, Percy F. C., and Hill.
Hill, Frank L., Hayes, assignor to Cinema-Television Limited, London, England. Thermionic valve amplifier. 2,558,519, June 26.
Hill, George B.: *See*— Jones, Frank D., Welindt, Garrett, and Hill.
Hill, George B., and L. Cheatum, Ottumwa, Iowa, assignors to Deere Manufacturing Co. Blower type conveyor with detachable feeding unit. 2,542,250, Feb. 20.
Hill, George B., and F. D. Jones, Ottumwa, Iowa, assignors to Deere Manufacturing Co. Bale tying mechanism. 2,545,579, Mar. 20.
Hill, George B., and M. E. McClellan, Ottumwa, assignors to Deere Manufacturing Co., Dubuque, Iowa. Baling press, especially bale case construction. 2,558,250, June 26.
Hill, George B., and R. U. Zollars, Ottumwa, assignors to Deere Manufacturing Co., Dubuque, Iowa. Baler plunger head adjustment. 2,575,449, Nov. 20.
Hill, George D.: *See*— Kendall, William B., and Hill.
Hill, Glenn E., deceased, Los Angeles, Calif.; F. Dieterich, administratrix, assignor, by mesne assignments, to J. G. Myer and J. F. Dieterich, Jr., Los Angeles, Calif. Vertically adjustable foot stool. 2,579,577, Dec. 25.
Hill, Harold S., Kenogami, Quebec, and J. T. Coghill, Rochester, N. Y., assignors to Price Brothers & Company, Limited, Quebec, Quebec, Canada. Apparatus for rapid heat transfer in process material. 2,573,709, Nov. 6.
Hill, Hathaway: *See*— Tucker, Louis, and Hill.
Hill, Helen G., Port Washington, N. Y. Panty. 2,568,545, Sept. 18.
Hill, Henry C., Montclair, N. J., assignor to Wright Aeronautical Corporation. True motion connecting rod structure. 2,540,882, Feb. 6.
Hill, James H., Dearborn, Mich. Bicycle carrier. 2,576,222, Nov. 27.
Hill, James M., San Antonio, Tex. Airplane mooring rope shackle. 2,561,371, July 24.
Hill, Jerald E.: *See*— Gilman, Samuel, and Hill.
Hill, John D., Cleveland, Ohio. Respirator. 2,578,007, Dec. 11.
Hill, John M., assignor to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Highway marking paint containing glass beads. 2,574,972, Nov. 13.
Hill, John P., North Plainfield, assignor to ATF Incorporated, Elizabeth, N. J. Apparatus for making tubing. 2,569,856, Oct. 2.
Hill, John S., Rossmoyne, assignor to The Cincinnati Milling Machine Co., Cincinnati, Ohio. Manufacturing organo-metallic compounds. 2,552,676, May 15.
Hill, Joseph R., assignor to S. C. Johnson & Son, Inc., Racine, Wis. Fabric-treating composition and preparation. 2,565,686, Aug. 28.
Hill, Julian W., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Polymeric azines, hydrazonitriles, and azonitriles. 2,556,876, June 12.
Hill, Justin E., Jr.: *See*— Bollinger, Waldon P., Fuhrmeister, and Hill.
Hill, Kent A., assignee: *See*— Colley, George F.
Hill, Lawrence R.: *See*— Schmidt, Paul L., and Hill.
Hill, Leo D., assignor to The Aro Equipment Corporation, Bryan, Ohio. Foot valve. 2,570,445, Oct. 9.
Hill, Leslie, New York, N. Y. Safety harness for hand purses. 2,553,317, May 15.
Hill, Lonnie B., Enid, Okla. Dirigible floodlight. 2,574,211, Nov. 6.
Hill, Lucy I., Liberal, Kans. Automobile hitch arrangement. 2,550,561, Apr. 24.
Hill, Luther R.: *See*— Degnen, William J., and Hill. Dickinson, Norman L., Everett, and Hill.
Hill, Luther R., Ridgewood, assignor to The M. W. Kellogg Company, Jersey City, N. J. Synthesis of organic compounds. 2,560,171, July 10.
Hill, Lyman P.: *See*— Cubberley, Richard H., Hill, and Mohr.
Hill, Lyman P., Ridgewood, N. J., assignor to Interchemical Corporation, New York, N. Y. Dyed textiles and methods and composition for producing same. 2,540,048, Jan. 30.
Hill, Malcolmn I., Southern Pines, assignor of one-half to G. R. Barksdale, Troy, N. C. Parallel screw clamp. 2,542,674, Feb. 20.
Hill, Mark L.: *See*— Smith, Herschel G., Cantrell, and Hill. Smith, Herschel G., Hill, and Cantrell.
Hill, Mark L., Yeadon, T. L. Cantrell, Lansdowne, and H. G. Smith, Wallingford, assignors to Gulf Oil Corporation, Pittsburgh, Pa. Improved insecticidal compositions containing calcium N-alkyl phthalamidates. 2,554,249, May 22.
Hill, Myron F. and F. A., 2nd, Westport, Conn. Continuous contact internal rotor for engines. 2,547,392, Apr. 3.
Hill, Myron F. and F. A., 2nd, Westport, Conn. Making rotors. 2,578,187, Dec. 11.
Hill, Philip: *See*— Lien, Arthur P., Hill, and Deters. Ridgway, John A., Jr., and Hill.
Hill, Ralph M., Lancaster Township, Lancaster County, assignor to Armstrong Cork Company, Lancaster, Pa. Forming tubular bodies with peripheral projections. 2,559,621, July 10.
Hill, Raymond A., San Marino, Calif. Sand separator. 2,539,019, Jan. 23.
Hill, Raymond A., San Marino, Calif. Sand separator. 2,566,662, Sept. 4.
Hill, Robert H., assignor to The Marison Company, Elgin, Ill. Transporting carbon dioxide and like substances. 2,543,170, Feb. 27.
Hill, Robert H., assignor to Tokheim Oil Tank and Pump Company, Fort Wayne, Ind. Absorption unit for air compressors. 2,557,431, June 19.
Hill, Robert H., assignor to Tokheim Oil Tank & Pump Company, Fort Wayne, Ind. Tractor cab. 2,565,919, Aug. 28.
Hill, Robert T., Coral Gables, Fla. Electrically heated container for condiment shakers. 2,577,327, Dec. 4.

Hill, Roland R.: *See*—
Hill, Violetta H., and R. R.
Hill, Roy O., Jr.: *See*—
Gearhart, William M., Hill, and Broyles.
Hill, Rutherford B., Nitro, W. Va., assignor to Monsanto Chemical Company, St. Louis, Mo. Accelerating composition. 2,567,710, Sept. 11.
Hill, Sharon: *See*—
Reese, Homer R., Meyer, and Hill.
Hill, Stanley E., Glen Ellyn, assignor to Deere & Company, Moline, Ill. Elevator structure for crop harvesters. 2,537,187, Jan. 9.
Hill, Stanley E., Kankakee, assignor to Sears, Roebuck and Co., Chicago, Ill. Vehicle steering knuckle mechanism for effecting sharp turns. 2,566,565, Sept. 4.
Hill, Stanley E., Kankakee, and W. L. Zink, Plano, assignors to Dunbar Kapple Inc., Geneva, and Sears, Roebuck and Co., Chicago, Ill. Vehicle axle and reach structure. 2,562,098, July 24.
Hill, Stewart M.: *See*—
Hall, Rolland G., and Hill.
Hill, Stuart S., London, England, assignor to International Standard Electric Corporation, New York, N. Y. Arrangement for transmitting electric signals occupying a wide frequency band over narrow band circuits. 2,576,115, Nov. 27.
Hill, Thomas C., Aberdeen, and P. R. Coulson, Essex, assignors to The Glenn L. Martin Company, Middle River, Md. Control system for reversible pitch propellers. 2,545,205, Mar. 13.
Hill, Thomas G., and A. N. Curl, assignors to The Glenn L. Martin Company, Middle River, Md. Self-operating valve for aircraft cooling systems. 2,556,277, June 12.
Hill, Thomas T., Beloit, Wis. Portable and adjustable bench clamp. 2,544,532, Mar. 6.
Hill, Van Dyke, New York, N. Y. Piano playing device. 2,569,525, Oct. 2.
Hill, Violetta H., and R. R., Clifton, N. J. Clothesline stretcher. 2,539,580, Jan. 30.
Hill, Walter E.: *See*—
Besag, Ernst, Hill, and Wintle.
Hill, Walter P., Detroit, assignor to Calumet and Hecla Consolidated Copper Company, Calumet, Mich. Refrigerator cabinet construction. 2,561,276, July 17.
Hill, Walter P., Detroit, assignor to Calumet and Hecla Consolidated Copper Company, Calumet, Mich. Ice tray supporting assembly for refrigerators. 2,561,277, July 17.
Hill, Walter P., Detroit, assignor to Calumet and Hecla Consolidated Copper Company, Calumet, Mich. Removable refrigerating apparatus. 2,561,278, July 17.
Hill, Walter P., Detroit, assignor to Calumet and Hecla Consolidated Copper Company, Calumet, Mich. Integral finned tube. 2,562,785, July 31.
Hill, William H.: *See*—
Robbins, Thomas E., Jr., and Hill.
Hill, William H., Birmingham, England. Neutral selecting mechanism for change-speed gear boxes. 2,543,969, Mar. 6.
Hill, William H., assignor to Koppers Company, Inc., Pittsburgh, Pa. Condensing aromatic amine thiocyanate with an aldehyde. 2,563,838, Aug. 14.
Hillard, George O., Jr.: *See*—
Parker, Paul T., and Hillard.
Hille, John F.: *See*—
Jackson, Ernest E., and Hille.
Hillebrand, Earl D.: *See*—
Reeves, Herbert M., Hillebrand, and North.
Hillebrand, Earl D., and J. R. Fulmer, Kankakee, Ill., assignors to Florence Stove Company, Gardner, Mass. Control mechanism for oil-burning space heaters. 2,550,478, Apr. 24.
Hiller, Everett O., Hartford, Conn., assignor to Emhart Manufacturing Company. Apparatus for transferring bottles. 2,575,220, Nov. 13.
Hiller, Gustave, assignor to E. R. McHugh, Los Angeles, Calif. Welding electrode holder switch. 2,538,245, Jan. 16.
Hiller, Joseph L., Mattapoisett, Mass. Self-sharpening cutter tip for beater arms of hammer mills. 2,566,798, Sept. 4.
Hillgren, Carl A., Los Angeles, Calif. Door lock. 2,544,959, Mar. 13.
Hilliard Corporation, The, assignee: *See*—
La Brecque, Theodore A., and Proulx.
Hilliard, Glenn E., assignee: *See*—
Gustafson, Jarl A., Caligiuri, and Kumza.
Hilliard, Raymond M., as Commissioner of Welfare of the City of New York, assignee: *See*—
Buell, Young K.
Hilliard, Robert C., Beverly Farms, Mass. Liquid level indicator. 2,547,526, Apr. 3.
Hilliard, Sidney, assignee: *See*—
Allen, Frederick.
Hillier, James, Cranbury, N. J., assignor to Radio Corporation of America. Making duplicate magnetic phonograph records. 2,559,505, July 3.
Hillig, John E., Philadelphia, and E. W. Reich, Jenkintown, Pa. Railway track circuit apparatus. 2,554,460, May 22.
Hilliker, Frank T., St. Louis, Mo. Hooded food container. 2,550,998, May 1.
Hilliker, Frank T., St. Louis, Mo. Dishwashing machine and plural liquid spray means therefor. 2,575,493, Nov. 20.
Hillix, Foster F.: *See*—
Wright, Bruce R., and Hillix.
Hillix, Foster F., Lakewood, assignor to Wedge Protectors, Inc., Cleveland, Ohio. Variable speed stroke power mechanism. 2,573,333, Oct. 30.
Hillman, Conway D., East Orange, and A. L. Baker, Denville, N. J. Theodolite scale reading system. 2,552,893, May 15.
Hillman-Kelley, assignee: *See*—
Harris, Norman C.
Hillman, Leon, New York, N. Y. Wind velocity measuring means. 2,549,812, Apr. 24.
Hillman, Leon, New York, N. Y., assignor to the United States of America as represented by the Secretary of War. Electrical recorder. 2,561,372, July 24.
Hills, Arthur E.: *See*—
Lewis, Thomas M., Rounce, and Hills.
Hills Bros. Coffee, Inc., assignee: *See*—
Hills, Leslie W.
Nutting, Lee.
Hills, Elmer G., assignor to Belmont Radio Corporation, Chicago, Ill. Electronic computing apparatus. 2,551,740, May 8.
Hills, Elmer G., assignor of one-half to J. N. Marks, J. Tunkl, I. Rosenthal, and E. Lichtenstein, doing business as Tricraft Products Co., Chicago, Ill. Multifrequency tunable antenna. 2,558,487, June 26.
Hills, Elmer G., assignor of one-half to J. N. Marks, J. Tunkl, I. Rosenthal, and E. Lichtenstein, a partnership doing business as Tricraft Products Co., Chicago, Ill. Indoor television antenna. 2,563,243, Aug. 7.
Hills, Elmer G., assignor to Belmont Radio Corporation, Chicago, Ill. Antenna construction. 2,566,491, Sept. 4.
Hills, Elmer G., assignor to Belmont Radio Corporation, Chicago, Ill. Antenna array. 2,578,973, Dec. 18.
Hills, Leslie W., assignor to Hills Bros. Coffee, Inc., San Francisco, Calif. Conveyer. 2,556,920, June 12.
Hillyer, John C.: *See*—
McCaslin, John W., and Hillyer.
Hillyer, John C., Bartlesville, Okla., assignor to Phillips Petroleum Company. Producing 4-vinyl-1-cyclohexene and 1,3-butadiene of high purity. 2,574,481, Nov. 13.
Hillyer, John C., and C. W. Moberly, Bartlesville, Okla., assignors to Phillips Petroleum Company. Stabilizers for DDT solutions. 2,543,723, Feb. 27.
Hillyer, John C., and J. F. Wilson, Bartlesville, Okla., assignors to Phillips Petroleum Company. Hydrogen fluoride catalyzed polymerization of diolefins. 2,550,695, May 1.
Hillyer, John C., and J. T. Edmonds, Bartlesville, Okla., assignors to Phillips Petroleum Company. Manufacture of beta-phenylpropionic acid. 2,551,674, May 8.
Hillyer, John C., and J. T. Edmonds, Bartlesville, Okla., assignors to Phillips Petroleum Company. Production of adipic acid. 2,551,675, May 8.
Hillyer, John C., and J. T. Edmonds, Jr., Bartlesville, Okla., assignors to Phillips Petroleum Company. Production of primary alcohols and aldehydes. 2,561,984, July 24.
Hillyer, John C., and J. T. Edmonds, Bartlesville, Okla., assignors to Phillips Petroleum Company. Aromatic compositions and treating lactone material to prepare them. 2,572,563, Oct. 23.
Hillyer, John C., and J. F. Wilson, Bartlesville, Okla., assignors to Phillips Petroleum Company. Hydrofluorination of acetylenic hydrocarbons. 2,574,480, Nov. 13.
Hillyer, John C., and J. F. Wilson, Bartlesville, Okla., assignors to Phillips Petroleum Company. Catalytic isomerization of acetylenic hydrocarbons. 2,579,669, Dec. 25.
Hilpman, John H., Springfield Gardens, N. Y., assignor to Mergenthaler Linotype Company. Typographical casting machine. 2,557,286, June 19.
Hilpman, John H., Springfield, N. Y., assignor to Mergenthaler Linotype Company. Mold cooling system for typographical casting machines. 2,560,648, July 17.
Hilscher, Edward W.: *See*—
Jost, William R., and Hilscher.
Hilsenrath, Joseph, Takoma Park, Md., and S. Globe, Washington, D. C. Azimuth computer. 2,557,965, June 26.
Hilsher, Henry G., and R. S. Hilsher, Baltimore, Md. Massage device. 2,549,903, Apr. 24.
Hilsher, Ruth S.: *See*—
Hilsher, Henry G. and R. S.
Hilsinger, Harry A., Jr., East Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Switch. 2,576,836, Nov. 27.
Hiltman, Laurence W.: *See*—
Horner, Kenneth K., and Hiltman.
Hilton, Carrie W., Cincinnati, Ohio. Thumbless boxing glove. 2,556,759, June 12.
Hilton, Charles G., Amarillo, Tex. Combined bootjack and boot hook. 2,571,447, Oct. 16.
Hilton, John, Dublin, Eire. Spring assembly. 2,562,099, July 24.
Hilton, William W., Roslyn, N. Y. Container and display kit. 2,558,955, July 3.
Hilts, Willard John P.: *See*—
Hansley, Virgil L., and Hilts.

Hilty, Donald C., Niagara Falls, N. Y., assignor to Union Carbide and Carbon Corporation. Producing low-carbon chromium steels. 2,546,340, Mar. 27.
Himbert, Jean G., and D. Libermann, assignors to Société: Chimie et Atomistique, Paris, France. Manufacturing substituted thiopyruvic acids. 2,554,946, May 29.
Himel, Chester M.: *See*—
Wagner, Cary R., Axe, and Himel.
Himel, Chester, M., Palo Alto, Calif., and L. O. Edmonds, Bartlesville, Okla., assignors to Phillips Petroleum Company. Hydroxylation of unsaturated compounds. 2,555,927, June 5.
Himel, Chester M., Bartlesville, and E. G. Lee, Oklahoma City, Okla., assignor to Phillips Petroleum Company. Drilling fluids and using same. 2,570,947, Oct. 9.
Himel, Chester M., and L. O. Edmonds, Bartlesville, Okla., assignors to Phillips Petroleum Company. Preparation of alkyl thiocyanates. 2,572,564, Oct. 23.
Himel, Chester M., and L. O. Edmonds, Bartlesville, Okla., assignors to Phillips Petroleum Company. Tertiary-alkylsulfenyl thiocyanates. 2,572,565, Oct. 23.
Himel, Chester M., and L. O. Edmonds, Bartlesville, Okla., assignors to Phillips Petroleum Company. Production of 3,4-dihydroxytetrahydrofuran. 2,572,566, Oct. 23.
Himel, Chester M., Palo Alto, Calif., and L. O. Edmonds, Bartlesville, Okla., assignors to Phillips Petroleum Company. Organic sulfenyl thiocyanates. 2,572,567, Oct. 23.
Himel, Chester M., and L. O. Edmonds, Bartlesville, Okla., assignors to Phillips Petroleum Company. Alkylthiosulfenyl dithiocarbamates and preparation thereof. 2,572,845, Oct. 30.
Himel, Chester M., and L. O. Edmonds, Bartlesville, Okla., assignors to Phillips Petroleum Company. Preparation of organic sulfenyl xanthate, sulfenyl trithiocarbonates, thiosulfenyl xanthates, and thiosulfenyl trithiocarbonates. 2,574,829, Nov. 13.
Himelick, Robert E., assignor to The Upjohn Company, Kalamazoo, Mich. Progesterone suspensions. 2,557,052, June 12.
Himes, Wiley D., Portland, assignor of one-third to J. H. Ramey, Scappoose, Oreg. Removable end table for chairs. 2,566,201, Aug. 28.
Hinckley, Garfield L., Fleet, and J. H. W. Simmons, Rushwick, assignors to Minister of Supply in His Majesty's Government of the United Kingdom of Great Britain and Northern Ireland, London, England. Cathode-ray tube time-base circuit. 2,573,970, Nov. 6.
Hinckley, Harold A., and R. C. Hawkins, Long Beach, Calif. Surgical clamp tool. 2,577,012, Dec. 4.
Hinckley, Richard B.: *See*—
McMahon, Howard O., Bleyle, and Hinckley.
Hind, Alfred L.: *See*—
Hind, Thomas F., and A. L.
Hind, Sylvia, assignee: *See*—
Hind, Thomas F. and A. L.
Hind, Thomas F. and A. L., assignors to S. Hind, Pen Mar, Pa. Wheel chair attachment. 2,572,149, Oct. 23.
Hindall, Alva L., Muncie, Ind., assignor to General Motors Corporation, Detroit, Mich. Curing positive storage battery plates. 2,553,192, May 15.
Hinde & Dauch Company, The, assignee: *See*—
Cassidy, John H., and Grunden.
Hinde & Dauch Paper Company, The, assignee: *See*—
Loth, Gaylord.
Welshenbach, Charles D.
Hinden, Fritz, Aarau, Switzerland. Mount for photographic objectives. 2,536,500, Jan. 2.
Hinderliter Tool Company Division H. K. Porter Company, Inc., assignee: *See*—
Walker, David C.
Hindermann, Peter, assignor to J. R. Geigy A. G., Basel, Switzerland. Polyazo dyestuffs. 2,544,087, Mar. 6.
Hindermann, Peter, assignor to J. R. Geigy A. G., Basel, Switzerland. Disazo dyestuffs. 2,547,912, Apr. 3.
Hindin, Herbert B., H. S. Howe, and J. G. Walsh, Detroit, Mich., assignors to United States Rubber Company, New York, N. Y. Bonding rubber to metals. 2,563,113, Aug. 7.
Hindle, Robert J., and J. D. Carrier, Toronto, Ontario, Canada. Roughing guide device. 2,544,880, Mar. 13.
Hindle, Thomas, Blackburn, England. Weaving loom. 2,551,492, May 1.
Hindle, Walter H.: *See*—
Goldsmith, Bertram J., and Hindle.
Hindman, Earl L., Lowell, Ariz. Multiple contact selector switch. 2,544,788, Mar. 13.
Hindmarch, Thomas, London, England. Transmission gear. 2,536,549, Jan. 2.
Hindmarch, Thomas, London, England. Reversing gear. 2,560,865, July 17.
Hinds, George A., assignor to George Hinds Ltd., Malvern, England. Electric razor. 2,578,974, Dec. 18.
Hinds, George, Ltd., assignee: *See*—
Hinds, George A.
Hinds, George P., Jr., Pasadena, W. K. Meerbott, and G. J. Reno, Houston, Tex., assignors to Shell Development Company, San Francisco, Calif. Propylene tetramer production. 2,572,724, Oct. 23.
Hinds, Reinhard P. H., Petts Wood, England. Nonglare motor vehicle headlight. 2,556,328, June 12.
Hinds, Sherwood, Columbia City, assignor to The Wayne Pump Company, Fort Wayne, Ind. Airport fueling mechanism. 2,556,425, June 12.
Hinds, Sherwood, Columbia City, and J. G. Dahlem, assignors to The Wayne Pump Company, Fort Wayne, Ind. Airport fueling mechanism. 2,577,682, Dec. 4.
Hinds, William E., deceased, Hillsboro, Oreg.; Mrs. W. E. Hinds, special administratrix. Injection apparatus. 2,574,263, Nov. 6.
Hinds, Mrs. William E., special administratrix: *See*—
Hinds, William E.
Hineline, Edson S., assignor to Graflex, Inc., Rochester, N. Y. Hand-held roll-film camera with interlocking focal-plane shutter curtains. 2,556,967, June 12.
Hiner, Maurice L., Ellensburg, Wash. Can opener. 2,552,677, May 15.
Hinerman, Jack, Amarillo, Tex. Fishing lure. 2,569,057, Sept. 25.
Hines, Albert R., Columbus, Ga. Adjustable hand cultivating tool. 2,536,180, Jan. 2.
Hines, Claude M., Verona, Pa., assignor to Westinghouse Air Brake Company. Circuit integrity indicating system. 2,573,442, Oct. 30.
Hines, Claude M., Verona, Pa., assignor to Westinghouse Air Brake Company. Electric switch device. 2,575,957, Nov. 20.
Hines, Claude M., Verona, and W. B. Kirk, East McKeesport, Pa., assignors to Westinghouse Air Brake Company. Electropneumatic brake apparatus. 2,575,958, Nov. 20.
Hines, Dealy K.: *See*—
Chelminski, Roman, and Kuster and Hines.
Hines, Gail H., Lansing, Mich. Adjustable pole. 2,560,109, July 10.
Hines, Glenn J., Minneapolis, Minn. Time switch attachment for alarm clocks. 2,577,583, Dec. 4.
Hines, Joseph E., Washington, D. C. Window. 2,559,300, July 3.
Hines, Judson T., and J. R. Baldwin, Seattle, Wash. Hot-water tank. 2,576,603, Nov. 27.
Hines, Ralph W., Cincinnati, Ohio. Occupant operated swing. 2,549,085, Apr. 17.
Hingelberg, Edwin G., Highland Park, Mich., assignor to G. M. and E. Holley. Electrical terminal. 2,547,866, Apr. 3.
Hings, Donald L., Ottawa, Ontario, Canada, assignor, by mesne assignments, to Cornell-Dubilier Electric Corporation, South Plainfield, N. J. Amplifier wave inverter. 2,537,760, Jan. 9.
Hings, Donald L., Ottawa, Ontario, Canada, assignor, by mesne assignments, to Cornell-Dubilier Electric Corporation, South Plainfield, N. J. Detector fed automatic volume control. 2,540,483, Feb. 6.
Hings, Donald L., Ottawa, Ontario, Canada, assignor, by mesne assignments, to Cornell-Dubilier Electric Corporation, South Plainfield, N. J. Wind impeller and electric generator. 2,542,522, Feb. 20.
Hings, Donald L., Ottawa, Ontario, Canada, assignor, by mesne assignments, to Cornell-Dubilier Electric Corporation, South Plainfield, N. J. Wave inverter. 2,545,232, Mar. 13.
Hinkel, Emil T., Jr.: *See*—
Tainter, Maurice L., and Hinkel.
Hinkle, Andy H., Atlanta, Ga. Supporting truss for ruptures. 2,547,643, Apr. 3.
Hinkson, Clair L., assignor to Hinkson Mfg. Co., Seattle, Wash. Trolling sinker. 2,577,965, Dec. 11.
Hinkson, Edgar L., assignor to The General Detroit Corporation, Detroit, Mich. Transferring fluids. 2,562,164, July 31.
Hinkson Mfg. Co., assignee: *See*—
Hinkson, Clair L.
Hinman, Jack W.: *See*—
Rolfson, Stanley T., Hunter, and Hinman.
Hinnant, Leslie T., Goldsboro, N. C. Garment bagging rack. 2,554,907, May 29.
Hinnekens, Maurice G., Paterson, N. J. Web festooning device. 2,544,159, Mar. 6.
Hinrichs, Ferdinand, assignor to Tri-Clover Machine Co., Kenosha, Wis. Valve. 2,544,160, Mar. 6.
Hinrichs, Ferdinand, assignor to Tri-Clover Machine Co., Kenosha, Wis. Compression valve. 2,544,161, Mar. 6.
Hinrichs, Jack F., assignor to Toland-Hinrichs Company, Houston, Tex. Dissolving apparatus. 2,536,934, Jan. 2.
Hinschlager, Rudolph F., West Orange, N. J., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Increment mechanism. 2,552,833, May 15.
Hinsey, Robert S., assignor to The Bingham-Herbrand Corporation, Toledo, Ohio. Mechanism control. 2,558,558, June 26.
Hinsley, Robert J., Denver, Colo. Heat-retaining unit for furnaces. 2,570,948, Oct. 9.
Hinson, Howard H., assignor to Continental Oil Company, Ponca City, Okla. Locating leaks in wells and well fittings. 2,540,049, Jan. 30.
Hinson, Howard H., assignor to Continental Oil Company, Ponca City, Okla. Determining path, rate of flow, etc., in subsurface strata. 2,560,510, July 10.
Hinson, Odus C., Cramerton, assignor, by mesne assignments, to The Terrell Machine Company, Charlotte, N. C. Combing machine. 2,558,706, June 26.

Hinson, Odus C., Cramerton, assignor, by mesne assignments, to The Terrell Machine Company, Charlotte, N. C. Lap changer for combing machines. 2,559,074, July 3.

Hinson, Odus C., Cramerton, assignor, by mesne assignments, to The Terrell Machine Company, Charlotte, N. C. Can changing mechanism for textile machines. 2,571,880, Oct. 16.

Hintlian, Vahan S., Watertown, assignor to Deran Confectionery Co., Inc., Cambridge, Mass. Rotor and stationary-chamber machine for crushing, mixing, or refining of liquids or semiliquids. 2,549,310, Apr. 17.

Hinton, Lewis L., Houston, Tex. Bedcover-supporting means. 2,547,942, Apr. 10.

Hinton, Ora A., and L. De Stramp, Long Island City, N. Y. Hardware unit for ventilating doors. 2,537,896, Jan. 9.

Hintz, Harvey P.: *See*—
Schubert, Alvin E., Hintz, and Egan.

Hintz, Otto E., Jr.: *See*—
Harstick, William H., and Hintz.

Hintz, Otto E., Jr., Chicago, Ill., assignor to International Harvester Company. Centrifugally expansible valve ring. 2,555,542, June 5.

Hintz, Thomas L., Raymond, Minn. Grain dehydrator and mixer. 2,548,262, Apr. 10.

Hinz, Gustav R., Milwaukee, Wis. Valve. 2,556,583, June 12.

Hinz, Henry C., Jr., G. R. Schermerhorn, Sr., and F. L. Dorn, Rochester, assignors to American Home Foods, Inc., New York County, N. Y. Dry pudding compositions. 2,554,143, May 22.

Hinze, Julius O., and C. Stillebroer, Delft, Netherlands, assignors to Shell Development Company, San Francisco, Calif. Exhaust device for fluid flowing at high velocity. 2,578,932, Dec. 18.

Hipelius, John W., assignor to Bell & Howell Company, Chicago, Ill. Adapter for incandescent electric lamp bases. 2,564,974, Aug. 21.

Hipp, E. W., assignee: *See*—
Benedict, Fremont W.

Hipp, Eve, assignee: *See*—
Benedict, Fremont W.

Hipp, Norbert J., Wyndmoor, M. L. Groves, Philadelphia, and T. L. McMeekin, Glenside, Pa., assignors to the United States of America as represented by the Secretary of Agriculture. Separation of alpha-casein from whole casein. 2,572,026, Oct. 23.

Hipple, John A., Jr., Washington, D. C., and D. J. Grove, Pittsburgh, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Mass spectrometer recorder. 2,575,711, Nov. 20.

Hipps, Herbert E., Waco, Tex., and E. J. Kupjack, Park Ridge, Ill. Bone graft apparatus. 2,543,780, Mar. 6.

Hipps, Herbert E., Waco, Tex., and E. J. Kupjack, Park Ridge, Ill. Dry ice pack. 2,563,933, Aug. 14.

Hipps, Herbert E., Waco, Tex., and E. J. Kupjack, United States Navy. Foot support. 2,572,860, Oct. 30.

Hipps, Thomas B., Fort Worth, Tex. Automatic cutoff for radio receivers. 2,559,959, July 10.

Hirbec, Ludovic L. J., Paris, France. Instrument for exploring electric fields. 2,552,678, May 15.

Hird, James P.: *See*—
Pekar, Joseph C., and Hird.

Hird, Robert W.: *See*—
Mertz, Howard A., and Hird.

Hires, Castner & Harris, Inc., assignee: *See*—
Mills, John.

Hiron, Francis P., and P. J. Garner, Chester, England, assignors to Shell Development Company, San Francisco, Calif. Aqueous emulsion paints. 2,537,055, Jan. 9.

Hirsch, Alfred, Painesville, assignor to Diamond Alkali Company, Cleveland, Ohio. Resinous aryl silicate-aldehyde reaction product and making same. 2,555,489, June 5.

Hirsch, Charles J., Douglaston, N. Y., assignor to Hazeltine Research, Inc., Chicago, Ill. Path-indicating system for mobile craft. 2,572,725, Oct. 23.

Hirsch, Frank J., assignor to The Enterprise Manufacturing Co. of Pa., Philadelphia, Pa. Discharge chute and combined valve and agitator actuated by material being dispensed. 2,548,022, Apr. 10.

Hirsch, Harold, Chicago, Ill., and M. Kowalchik, Rahway, N. J., assignors to the United States of America as represented by the United States Atomic Energy Commission. Gold beryllium alloy and making same. 2,556,921, June 12.

Hirsch, Joel H., Oakmont, and M. J. Boegel, Penn Township, Allegheny County, assignors to Gulf Research & Development Company, Pittsburgh, Pa. Production of gas comprising hydrogen and carbon monoxide. 2,578,475, Dec. 11.

Hirsch, Joseph, Port Hueneme, and J. Onisko, Jr., Inyokern, Calif. Apparatus for rapidly accelerating a shaft. 2,553,584, May 22.

Hirsch, Julian D.: *See*—
Greenwood, Evan A., Jr., and Hirsch.

Hirsch, Louis, assignor to The Brunswick-Balke-Collender Company, Chicago, Ill. Device for applying spaced indicia to an object. 2,541,358, Feb. 13.

Hirsch, Max, Chicago, Ill. Tumbler type clothes-washing machine having continuous liquid flow. 2,557,966, June 26

Hirschberg, Charles A., Mountain Lakes, N. J. Internal-combustion percussive tool. 2,545,999, Mar. 20.

Hirschberg, Charles A., Mountain Lakes, N. J. Power hammer. 2,579,075, Dec. 18.

Hirschfelder, Joseph: *See*—
Boyd, Charles A., and Hirschfelder.

Hirschler, Alfred E., Drexel Hill, assignor to Sun Oil Company, Philadelphia, Pa. Separating hydrocarbons. 2,543,286, Feb. 27.

Hirschler, Alfred E., Drexel Hill, assignor to Sun Oil Company, Philadelphia, Pa. Separation of hydrocarbons by selective adsorption. 2,554,908, May 29.

Hirschler, Alfred E., Drexel Hill, assignor to Sun Oil Company, Philadelphia, Pa. Separation of isoparaffins. 2,559,157, July 3.

Hirschler, Alfred E., Drexel Hill, assignor to Sun Oil Company, Philadelphia, Pa. Separation of naphthene hydrocarbons. 2,564,532, Aug. 14.

Hirschmann, Jack B.: *See*—
Maurer, Frank W., and Hirschmann.

Hirsh, Benjamin W., Welwyn Garden City, England, assignor to Imperial Chemical Industries Limited. Electrolysis of aqueous salt solutions in liquid cathode cells. 2,542,523, Feb. 20.

Hirsh, Donald H.: *See*—
Hoaglin, Raymond L., and Hirsh.

Hirst, Charles D., Cupertino, and G. L. Woodington; said G. L. Woodington, assignor by decree of distribution to V. J. Woodington, North Sacramento, Calif. Valve for metering system. 2,575,810, Nov. 20.

Hirvonen, Eric J., Shrewsbury, assignor to Leland-Gifford Company, Worcester, Mass. Plural pressure hydraulic feed system. 2,579,116, Dec. 18.

Hiser, Noble M., Tucson, Ariz. Casement window operator. 2,569,565, Oct. 2.

Hiserman, Clarence E., Cumberland, Md., assignor to Celanese Corporation of America. Producing a 1,4,5,8-tetraminoanthraquinone dyestuff. 2,562,314, July 31.

Hiss, Richard E., St. Clair Shores, assignor to Continental Motors Corporation, Detroit, Mich. Transmission gearing. 2,550,696, May 1.

Histed, George B., Rochester, N. Y. Die-cut card. 2,578,548, Dec. 11.

Histed, James E., North Hollywood, Calif. Air draft regulator for oil burners. 2,568,192, Sept. 18.

Hitachi Limited, assignee: *See*—
Kuwayama, Masatoshi.
Yabuno, Gaiseki, Maki, Ajima, Kuwayama, and Ando.

Hitchcock, Lloyd, assignor to Dixie Canner Company, Athens, Ga. Definite position released clutch. 2,562,786, July 31.

Hitchcock, Rex B., Evanston, Ill., assignor to International Harvester Company. Ensilage harvester having twin roller feed. 2,540,264, Feb. 6.

Hitchcock, Walter C.: *See*—
Sunbury, Herbert E., and Hitchcock.

Hitchens, Aaron L., New Haven, Conn., and F. G. Stroke, Temple, Pa., assignors to Olin Industries, Inc., New Haven, Conn. Welding a bundle of aluminum tubes. 2,577,123, Dec. 4.

Hitchings, George H., Tuckahoe, P. B. Russell, Crestwood, and E. A. Falco, New Rochelle, assignors to Burroughs Wellcome & Co. (U. S. A.) Inc., Tuckahoe, N. Y. 2,4-diamino-5 phenyl-6-alkylpyrimidines. 2,576,939, Dec. 4.

Hitchings, George H., Tuckahoe, and E. A. Falco, New Rochelle, assignors to Burroughs Wellcome & Co. (U. S. A.) Inc., Tuckahoe, N. Y. 2,4-diamino-5-benzylpyrimidines 2. 2,579,259, Dec. 18.

Hitchings, Sidney P., Kirkwood, Mo. Electrical token target. 2,562,787, July 31.

Hitchock, Forest B.: *See*—
Preston, Neil D., and Hitchock.

Hite, George, Dorchester, and G. E. Whitham, Wollaston, Mass., assignors, by mesne assignments, to the United States of America as represented by the Secretary of War. Electrical pulse generating circuit. 2,577,522, Dec. 4.

Hite, Webster C., Palo Alto, Calif. Surface crusher. 2,539,136, Jan. 23.

Hitt, Ivan E., Stockton, Calif. Apparatus for use in finger printing. 2,569,310, Sept. 25.

Hitt, Otha A.: *See*—
Ham, William C., Hitt, and Kiachif.

Hitz, Luin K., Los Angeles, Calif. Chain conveyer. 2,573,334, Oct. 30.

Hitzman, Frederick G.: *See*—
Lovi, Joseph E., and Hitzman.

Hi-Way Implement Company, assignee: *See*—
Chandler, Arthur L.

Hixon, Max, assignee: *See*—
Stelz, Frank F.

Hixson, Arthur W., Leonia, N. J., and R. Miller, New York, N. Y., assignors to The Chemical Foundation, Incorporated. Decolorizing and fractionating sugar cane wax. 2,548,885, Apr. 17.

Hixson, Arthur W., Leonia, N. J., and R. Miller, New York, N. Y., assignors to The Chemical Foundation, Incorporated. Separating chlorine and sulfur dioxide from mixtures thereof. 2,553,767, May 22.

Hjärpe, Erik G., assignor to Aktiebolaget Svenska Kullagerfabriken, Goteborg, Sweden. Reciprocating pnuematic motor. 2,568,450, Sept. 18.

Hjärpe, Erik G., assignor to Aktiebolaget Svenska Kullagerfabriken, Goteborg, Sweden. Hydraulic pressure transformer. 2,579,670, Dec. 25.

Hjärtsäter, Jacob J., Nygard Station, near Gjovik, Norway. Sound absorbing fibrous material for covering the walls or ceilings of rooms. 2,567,070, Sept. 4.
Hjulian, Julius A., Palos Heights, assignor to Crane Co., Chicago, Ill. Apparatus for the extrusion of pipe. 2,549,686, Apr. 17.
Hlavaty, Rudolf F., Cicero, Ill. Insulation. 2,540,331, Feb. 6.
Hoad, Thomas C., Toronto, Ontario, Canada. Preparing and projecting moving pictures. 2,541,699, Feb. 13.
Hoadley, Herbert E., Joplin, assignor to A. B. Chance Company, Centralia, Mo. U-bolt connector. 2,566,725, Sept. 4.
Hoag, Melray, Parkwater, Wash. Clamping device. 2,553,088, May 15.
Hoag, Roderick W., Melrose, Mass. Method and machine for making and filling fluted containers. 2,544,020, Mar. 6.
Hoag, Wilton F., and C. F. Carlson, Batavia, Ill. Torque-limiting wrench. 2,576,069, Nov. 20.
Hoagland, Clifford C., Jenkintown, assignor, by mesne assignments, to Philco Corporation, Philadelphia, Pa. Counter circuit. 2,567,845, Sept. 11.
Hoagland, Kenneth A., Newark, and E. Pohle, assignors to A. B. Du Mont Laboratories, Inc., Clifton, N. J. Support strap for cathode-ray tube gun parts. 2,562,236, July 31.
Hoaglin, Raymond I., Charleston, W. Va., and S. F. Clark, Oxford, Miss., assignors, by mesne assignments, to Union Carbide and Carbon Corporation. Making alkoxyacetals. 2,564,760, Aug. 21.
Hoaglin, Raymond I., South Charleston, W. Va., and S. F. Clark, Oxford, Miss., assignors, by mesne assignments, to Union Carbide and Carbon Corporation. Making branched-chain alkoxyacetals. 2,564,761, Aug. 21.
Hoaglin, Raymond I., South Charleston, and D. H. Hirsh, Charleston, W. Va., assignors, by mesne assignments, to Union Carbide and Carbon Corporation. Making unsaturated ethers. 2,566,415, Sept. 4.
Hoague-Sprague Corporation, assignee: *See*—
Sillars, George S.
Hoar, Roger S., assignee: *See*—
Pennington, Neal A.
Hoar, Sherman, Concord, Mass., and J. A. Thierry; said Thierry assignor to Bucyrus-Erie Company, South Milwaukee, Wis. Tractor-propelled implement. 2,538,000, Jan. 16.
Hoard, Halbert W., Milwaukee, Wis. Junction block. 2,548,371, Apr. 10.
Hoard, Roy C., Edinburg, Tex. Trigger-adjusting means for firearms. 2,549,904, Apr. 24.
Hoare, Stephen C., Manchester, and A. J. Corson, Marblehead, Mass., assignors to General Electric Company. Temperature compensated viscous damper. 2,569,311, Sept. 25.
Hoare, Stephen C., Manchester, and A. J. Corson, Marblehead, Mass., assignors to General Electric Company. Interlocking signaling system for electrical indicating instruments. 2,570,125, Oct. 2.
Hobar Co., Inc., The, assignee: *See*—
Baril, Samuel J.
Hobart-Federal Engineering Corporation, assignee: *See*—
Jackson, Aldrich L.
Hobart Manufacturing Company, The, assignee: *See*—
Fox, Gerald B., and Dickhart.
Meeker, David A., and Reussenzehn.
Hobbs, Arthur D., assignor to G. E. Knott, Marietta, Ga. Band saw work guiding attachment. 2,542,524, Feb. 20.
Hobbs, Charles B., assignor to U. S. Manufacturing Corporation, Decatur, Ill. Popcorn popping device. 2,570,126, Oct. 2.
Hobbs, Charles F., Watertown, and N. B. Saunders, Cambridge, Mass., assignors to United States of America as represented by the Executive Secretary of the Office of Scientific Research and Development. Constant voltage positive bias supply. 2,575,107, Nov. 13.
Hobbs, Ellis E., Sr.: *See*—
Brown, Homer A., and Hobbs.
Hobbs, George W., Scotia, N. Y., assignor to General Electric Company. Electric selecting matrix. 2,575,916, Nov. 20.
Hobbs, Howard F., assignor to Hobbs Transmission Limited, Leamington Spa, England. Liquid cooled clutch. 2,556,809, June 12.
Hobbs, Howard F., assignor to Hobbs Transmission Limited, Leamington Spa, England. Variable ratio power transmission apparatus. 2,549,090, Apr. 17.
Hobbs, Howard F., assignor to Hobbs Transmission Limited, Leamington Spa, England. Variable ratio power transmission apparatus. 2,571,448, Oct. 16.
Hobbs, Isaac A.: *See*—
Gilbert, Nathan, and Hobbs.
Hobbs, James M., Tucson, Ariz. Firearm. 2,574,147, Nov. 6.
Hobbs, John W., Corporation, assignee: *See*—
Woodcock, Charles A., and Womack.
Woodcock, Charles A., Womack, and Hobbs.
Hobbs Manufacturing Company, assignee: *See*—
Akey, Richard P.
Grilley, Edmund S.
Hobbs, Oliver K., Suffolk, Va. Resilient mounting for chassis of motor vehicles. 2,571,449, Oct. 16.
Hobbs, Ralph E., Jr.: *See*—
Maeser, Mieth, and Hobbs.
Hobbs Transmission Limited, assignee: *See*—
Hobbs, Howard F.
Hobbs, Walter V., Delaware, assignor to Ranco Incorporated, Columbus, Ohio. Forming beryllium-copper alloy bellows. 2,569,058, Sept. 25.
Hobein, Ray B., Dallas, Tex. Cigarette humidor with optionally removable inner shell. 2,540,732, Feb. 6.
Hobensack, Thomas E., La Crescenta, Calif. Apparatus for grinding ore. 2,546,506, Mar. 27.
Hoberg, Paul, Brooklyn, N. Y. Safety razor. 2,547,704, Apr. 3.
Hobson, H. M., Limited, assignee: *See*—
Dodson, Edward, and Westbury.
Edwards, Thomas.
Greenland, Leonard S.
Simpson, Thomas, Edwards, and Greeland.
Simpson, Thomas, Greenland, and Edwards.
Westbury, Roy.
Hobson, Jerry E., Odessa, Tex. Removable free sump for storage tank bottoms. 2,556,497, June 12.
Hobson, John R., West Hartford, assignor to Plax Corporation, Hartford, Conn. Multiple cavity mold. 2,541,249, Feb. 13.
Hobson, Richard P., Longview, Tex., assignor to The Atlantic Refining Company, Philadelphia, Pa. Electrically controlled valve means. 2,572,621, Oct. 23.
Hochberg, Seymore, Upper Darby, Pa., assignor to E. I. du Pont de Nemours and Company, Wilmington, Del. Unsubstituted ethylene polymer coating compositions. 2,567,108, Sept. 4.
Hocher, Andrew A., Glenshaw, assignor to Hubbard and Company, Pittsburgh, Pa. Detachable bracket construction for lighting arms. 2,540,784, Feb. 6.
Hocher, Andrew A., Glenshaw, Pa., assignor to Hubbard & Company. Pole line bonding clamp. 2,552,173, May 8.
Hocher, Andrew A., Glenshaw, and R. G. Robbins, Pittsburgh, Pa., assignors to Hubbard and Company. Ground rod construction. 2,537,463, Jan. 9.
Hochgraf, Lester, Maplewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Coupling for wave guides. 2,564,007, Aug. 14.
Hochmuth, Frank W., Brooklyn, N. Y., assignor to Combustion Engineering-Superheater, Inc. Concentrating system for black liquor treating combination. 2,555,087, May 29.
Hochwald, Walter, Inglewood, Calif., assignor to North American Aviation, Inc. Random pulse synchronizer. 2,552,968, May 15.
Hochwalt, Carroll A., Dayton, Ohio, assignor to Monsanto Chemical Company, St. Louis, Mo. Synthetic fiber preparation. 2,544,385, Mar. 6.
Hochwalt, Carroll A., Dayton, Ohio, assignor to Monsanto Chemical Company, St. Louis, Mo. Liquid phase oxidation. 2,552,278, May 8.
Hockberger, William G., Baton Rouge, La., assignor to Standard Oil Development Company. Hydrogenation. 2,540,582, Feb. 6.
Hockberger, William G., Baton Rouge, La., assignor to Standard Oil Development Company. Hydrocarbon synthesis. 2,545,954, Mar. 20.
Hockenhull, Joseph A., Currie, Minn. Driftable wind propelled fishing line carrier. 2,572,340, Oct. 23.
Hockery, John C., trustee, assignee: *See*—
McLean, Robert E.
Hockett, Ralph D., Bristow, Okla. Toy airplane projector. 2,565,176, Aug. 21.
Hockey, Archibald F., Enfield, England. Golf club. 2,542,081, Feb. 20.
Hocking, Clifton W., assignee: *See*—
Whalley, Albert G.
Hodel, Ernst: *See*—
Martin, Henry, Margot, Neracher, Schindler, and Hodel.
Hodell, Cope B., deceased, Coventry, England; M. E. Hodell, administratrix of said C. B. Hodell. Gripping or expanding device having three or more pivoted jaw shanks operated by two hand grips. 2,542,027, Feb. 20.
Hodell, May E., administratrix: *See*—
Hodell, Cope B.
Hoder, Louis A., Philadelphia, Pa. Baby holding device. 2,547,466, Apr. 3.
Hodge, Alfred A., Maidstone, assignor to Holoplast Limited, New Hythe, near Maidstone, England. Apparatus for use in the manufacture of laminated tubes, tubular insulations, tubular bushings, and like tubular members from flexible strip material. 2,558,849, July 3.
Hodge, Allen W., assignor, by mesne assignments, to Battelle Development Corporation, Columbus, Ohio. Copper-iron-chromium alloy. 2,564,844, Aug. 21.
Hodge, Allen W., assignor, by mesne assignments, to Battelle Development Corporation, Columbus, Ohio. Heat-treatment of copper-silver binary alloys. 2,567,560, Sept. 11.
Hodge, Victor M., Washington, D. C., assignor to the United States of America as represented by the Secretary of the Interior. Apparatus for high-frequency retorting. 2,542,028, Feb. 20.
Hodgeboom, Leo V.: *See*—
Umphlette, Charles L., and Hodgeboom.
Hodges, Arabelle B.: *See*—
McDaniel, Lloyd E., and Hodges.

Hodges, Frank J., Pennsgrove, N. J., and M. L. Nadler, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of anhydrous sodium beta-naphtholate and carbonation thereof. 2,544,881, Mar. 13.

Hodges, Fridolin A., Chicago, Ill. Feather plucker for poultry. 2,554,671, May 29.

Hodges, Howard T., assignor to Eastman Kodak Company, Rochester, N. Y. Setting type shutter having built-in flash synchronizing switch and safety switch. 2,566,202, Aug. 28.

Hodges, Merton O.: *See*—
Wales, Lawrence B., and Hodges.

Hodgin, Harald H., San Jose, Calif. Jack. 2,554,494, May 29.

Hodgins, Robert H., Vancouver, and C. J. McGillivray, New Westminster, British Columbia, Canada. Airplane crash switch. 2,573,335, Oct. 30.

Hodgkiss, James W., West Timperley, Altrincham, England, assignor to General Electric Company. Electric protective system. 2,536,809, Jan. 2.

Hodgson, Howard E., Wauwatosa, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Lifting magnet. 2,545,356, Mar. 13.

Hodgson, Howard E., Wauwatosa, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Transversely movable brake mechanism. 2,554,330, May 22.

Hodgson, Howard E., Wauwatosa, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Electromagnetic brake. 2,562,788, July 31.

Hodgson, Howard E., Wauwatosa, and R. R. Ranson, Whitefish Bay, assignors to Cutler-Hammer, Inc., Milwaukee, Wis. Limit control. 2,561,054, July 17.

Hodgson, James W., Dover, and G. F. Vigneau, Hampton, N. H. Child's collapsible chair. 2,550,352, Apr. 24.

Hodgson, Richard H., Vancouver, British Columbia, Canada. Valve for step-by-step servomotor. 2,542,082, Feb. 20.

Hodin, William J., assignor to Ditto, Incorporated, Chicago, Ill. Moistening means for duplicating machines. 2,565,370, Aug. 21.

Hodo, Augustus E., Augusta, Ga. Metal awning. 2,546,894, Mar. 27.

Hodsdon, Floyd G., Milwaukee, Wis., assignor to International Harvester Company. Milker pail cover with fluid trap chamber. 2,555,543, June 5.

Hodska, Nicholas, Stratford, Conn. Combination envelope and letter paper. 2,549,199, Apr. 17.

Hodson, Charles F., North Acton, and P. Morrey, Osterly Park, assignors to The Fairey Aviation Company Limited, Hayes, England. Rotor blade for rotary wing aircraft. 2,553,193, May 15.

Hodson, George F., Altus, Okla., and L. L. Campbell, Riverdale, Ill., assignors to Wilson & Company, Inc. Egg conveyor. 2,536,057, Jan. 2.

Hoe, R., & Co. Inc., assignee: *See*—
Albrecht, Alexander J.
Battey, Alfred P.
Burls, John A. E.
Crabtree, John O., and Quick.
Huck, William F.
Huck, William F., and Heller.
Huck, William F., Heller, and Albrecht.
Huck, William F., and Stobb.
Lamatsch, Frederick.
Skinner, Charles H.
Turrall, George, and Skinner.

Hoeber, Barbara O. W., executor: *See*—
Hoeber, Harold.

Hoeber, Harold, deceased, South Dartmouth, by B. O. W. Hoeber and W. T. Read, executors, Dartmouth, assignors, by mesne assignments, to Hoosac Mills Corporation, Boston, Mass. Picker stick hold-down device. 2,548,432, Apr. 10.

Hoeber, Harold, deceased, South Dartmouth, Mass.; by B. O. W. Day, and W. T. Read, executors, Dartmouth, assignors, by mesne assignments, to Hoosac Mills Corporation, Boston, Mass. Shuttle propelling mechanism. 2,556,810, June 12.

Hoeber, Harold, deceased, by B. O. W. Hoeber and W. T. Read, executors, Dartmouth, assignors, by mesne assignments, to Hoosac Mills Corporation, Boston, Mass. Shuttle guide. 2,580,297, Dec. 25.

Hoeble, Armand F., assignee: *See*—
Bartoe, Albert W.

Hoecker, Wesley H.: *See*—
Sharp, Paul F., and Hoecker.

Hoefer, Jacob J., Williams, Iowa. Front end rake means for tractors. 2,573,971, Nov. 6.

Hoeft, Frank A., Granton, Wis. Folding bed. 2,568,546, Sept. 18.

Hoegberg, Erick I.: *See*—
Cassaday, Jack T., and Hoegberg.

Hoegberg, Erick I., Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Preparing glycocyamidines. 2,557,911, June 19.

Hoegberg, Erick I., Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Preparing monochloroacetylureas. 2,562,863, July 31.

Hoehn, Willard M.: *See*—
Goodson, Louis H., Moffett, Stafford, and Hoehn.

Hoek, Theodorus J. J., Geleen, assignor to De Directie van de Staatsmijnen in Limburg, Heerlen, Netherlands. Recovering of pyridine from acid salt solutions which contain pyridine. 2,564,433, Aug. 14.

Hoekstra, Cyrus E., and J. C. Radcliffe, assignors to The Magnavox Company, Fort Wayne, Ind. Loud-speaker assembly. 2,554,859, May 29.

Hoekstra, Henry R., Park Forest, and J. J. Katz, Chicago, Ill., assignors to the United States of America as represented by the United States Atomic Energy Commission. Preparation of heavy metal borohydrides. 2,575,760, Nov. 20.

Hoekstra, James, assignor to Universal Oil Products Company, Chicago, Ill. Device for controlling the level of subdivided solid particles within a contacting chamber. 2,559,876, July 10.

Hoel, Robert A.: *See*—
Cole, George H., Hoel, Neuendorf, and Corneaby.

Hoellerich, John L., Wilmette, assignor to Admiral Corporation, Chicago, Ill. Tuning knob. 2,568,630, Sept. 18.

Hoellerich, John L., Wilmette, assignor to Admiral Corporation, Chicago, Ill. Focus coil support and control. 2,568,631, Sept. 18.

Hoelscher, William G., assignor to The American Tool Works Company, Cincinnati, Ohio. Column lubrication for radial drills. 2,557,822, June 19.

Hoelscher, William G., assignor to The American Tool Works Company, Cincinnati, Ohio. Pump lubrication for elevating screws. 2,568,335, Sept. 18.

Hoelscher, William G., assignor to The American Tool Works Company, Cincinnati, Ohio. Mounting for work centers and the like. 2,571,363, Oct. 16.

Hoelscher, William G., assignor to The American Tool Works Company, Cincinnati, Ohio. Lathe spindle speed control mechanism. 2,572,479, Oct. 23.

Hoenecke, Walter J., Milwaukee, Wis. Backflow retarder. 2,540,670, Feb. 6.

Hoenie, Norman J.: *See*—
Landis, George G., and Hoenie.

Hoeppner, Conrad H.: *See*—
Krause, Ernst H., and Hoeppner.

Hoeppner, Conrad H., Washington, D. C. Pulse multiplex system. 2,537,056, Jan. 9.

Hoeppner, Conrad H., Washington, D. C. Stabilized multivibrator. 2,560,576, July 17.

Hoeppner, Conrad H., Washington, D. C. Pulse group discriminator. 2,564,692, Aug. 21.

Hoeppner, Conrad H., Washington, D. C. Discriminator circuit. 2,570,236, Oct. 9.

Hoeppner, Conrad H., Washington, D. C., and C. H. Smith, Jr., Arlington, Va. Gas tube control circuit. 2,544,683, Mar. 13.

Hoeppner, Conrad H., Washington, D. C., and C. H. Smith, Jr., Arlington, Va. Gas tube control apparatus. 2,544,684, Mar. 13.

Hoeppner, Conrad H., Washington, D. C., and C. H. Smith, Jr., Arlington, Va. Pulse group discriminator. 2,545,464, Mar. 20.

Hoeppner, Conrad H., Washington, D. C.; H. R. Murphy, Providence, R. I., and N. Clark, Jr., U. S. Navy. Double pulse discriminator. 2,562,915, Aug. 7.

Hoeppner, Conrad H., Washington, D. C., and C. H. Smith, Jr., Arlington, Va. Interval guard. 2,577,762, Dec. 11.

Hoern, Joseph H., Birmingham, assignor of one-half to C. E. Dilts, Saginaw, Mich. Machine. 2,540,520, Feb. 6.

Hoey, Robert A., assignor to R. Keoleian, New York, N. Y. Automatic parachute release. 2,562,459, July 31.

Hof, Zygmunt, Jerusalem, Palestine. Variable resistor. 2,561,116, July 17.

Hofammann, Karl E., Altoona, and S. M. Viele, Swarthmore, Pa. Magnetic testing apparatus. 2,575,811, Nov. 20.

Hofberg, Alf H., Medford, N. J., assignor to Radio Corporation of America. Remote-control system for automotive vehicles and the like. 2,558,434, June 26.

Hofer, David L., Berkeley, Calif. Automatic flushing system for gauge pipes on suction dredges. 2,553,918, May 22.

Hofer, David L., Berkeley, Calif. Suction dredge relief valve system. 2,572,263, Oct. 23.

Hoff, John M.: *See*—
Mayer, Charles M., and Hoff.

Hoff, Paul W., Fairbault, Minn. Braille writing device. 2,565,608, Aug. 28.

Hoff, Ronald C., assignor to Eriez Manufacturing Company, Erie, Pa. Fastening means for U-shaped magnets in magnetic plate assemblies. 2,551,947, May 8.

Hoffart, Hipolit, New York, N. Y. Toolholder. 2,556,723, June 12.

Hoffecker, Frank V., Burlington, N. C. Thread oiling apparatus. 2,539,953, Jan. 30.

Hoffenberg, Isidor, Milford, Conn., assignor to A. Werman & Sons, Inc., Brooklyn, N. Y. Ground-contacting surface for shoe soles. 2,570,949, Oct. 9.

Hoffer, James F., Detroit, Mich. Flexible drive coupling. 2,561,117, July 17.

Hoffer, James F., assignor to Ex-Cell-O Corporation, Detroit, Mich. Pump structure. 2,556,426, June 12.

Hoffer, Max, assignor to Hoffmann-La Roche Inc., Nutley, N. J. Gentisic acid compounds of antipyrines. 2,541,651, Feb. 13.

Hoffer, Samuel E.: *See*—
Chadil, Robins L., and Hoffer.

Hofferbert, William P., Florence, Ala. Automatic door for nests. 2,578,247, Dec. 11.
Hofferberth, George F., assignor to General Motors Corporation, Dayton, Ohio. Slidable door for cabinets. 2,569,763, Oct. 2.
Hoffert, Frank D., Downers Grove, Ill., assignor to Hydrocarbon Research, Inc., New York, N. Y. Water-cooled fluid fuel burner. 2,542,029, Feb. 20.
Hoffman, Alfred E., Clarendon Hills, assignor to Universal Oil Products Company, Chicago, Ill. Production of polyolefinic hydrocarbons. 2,538,001, Jan. 16.
Hoffman, Alfred L., West Orange, N. J. Combined band saw and work support. 2,551,268, May 1.
Hoffman, Bernard J., Jr., assignee: *See*—
Rios, Kenneth J.
Hoffman, Carl E., assignor of one-half to Commonwealth of Pennsylvania, Department of Public Assistance, and one-half to E. C. Hoffman, Allentown, Pa. Door fastener. 2,562,916, Aug. 7.
Hoffman, Charles, Scarsdale, T. R. Schweitzer, Bellaire, M. H. Anwar, and G. Dalby, assignors to Ward Baking Company, New York, N. Y. Lubricating oil. 2,539,422, Jan. 30.
Hoffman, Charles, Scarsdale, T. R. Schweitzer, Bellaire, M. H. Anwar, and G. Dalby, assignors to Ward Baking Company, New York, N. Y. Hydrocarbon additive oils. 2,540,114, Feb. 6.
Hoffman, Charles A., Oakland, Calif. Bed bath. 2,567,514, Sept. 11.
Hoffman, Clifford F., assignor to Admiral Corporation, Chicago, Ill. Shockproof receiver control. 2,536,445, Jan. 2.
Hoffman, De Bremond B.: *See*—
Free, Albert L., and Hoffman.
Hoffman, Dorothea H., assignor to Merck & Co., Inc., Rahway, N. J. N-pyrodoxyl-amino acids and preparing the same. 2,542,869, Feb. 20.
Hoffman, Dorothea H., Rahway, S. A. Harris, Westfield, and K. Folkers, Plainfield, assignors to Merck & Co., Inc., Rahway, N. J. Pyridoxal-histamine and preparing the same. 2,540,946, Feb. 6.
Hoffman, Edwin and P. E., Defiance, Ohio. Safety tractor stop. 2,550,999, May 1.
Hoffman, Edwin C., assignee: *See*—
Hoffman, Carl E.
Hoffman Engineering Corporation, assignee: *See*—
De Jarlais, Philip L., and Pratt.
Hoffman, Ernest, New York, N. Y. Movable outlet for fluids. 2,536,848, Jan. 2.
Hoffman, Ernest, Nutley, N. J., assignor to American Can Company, New York, N. Y. Discharge conveyer mechanism for articles. 2,571,135, Oct. 16.
Hoffman, Eugene, Eatonia, Saskatchewan, Canada. Garden seeder with dispenser having vibratory means and variable seed discharge means. 2,544,960, Mar. 13.
Hoffman, Frank A., Homer City, Pa. Window shade pull or operator. 2,537,828, Jan. 9.
Hoffman, Frederick P., Dade City, Fla. Adjustable hammock hanger. 2,571,037, Oct. 9.
Hoffman, Harold, Chicago, Ill. Dispenser for powdered materials. 2,551,676, May 8.
Hoffman, Harold L., Brielee, N. J. Machine tool. 2,569,566, Oct. 2.
Hoffman, Harry L., Baltimore, Md. Observing unit. 2,542,675, Feb. 20.
Hoffman, Harry W., Anoka, Minn., and S. M. Cummings, Long Beach, Calif., assignors to Federal Cartridge Corporation, Minneapolis, Minn. Automatic clutch operating mechanism. 2,541,515, Feb. 13.
Hoffman, Howard T., Cleveland, and A. J. Hornfeck, Lyndhurst, Ohio, assignors to Bailey Meter Company. Electric motor telemetric system. 2,557,741, June 19.
Hoffman, Jessie B., Mirror Lake, Wash. Brassière. 2,540,521, Feb. 6.
Hoffman, John R.: *See*—
Humfeld, Harry, Aeschlimann, and Hoffman.
Hoffman, Leo, Cos Cob, Conn. Folding crib. 2,570,446, Oct. 9.
Hoffman, Leo, assignor to Hydropress, Incorporated, New York, N. Y. Switch mechanism. 2,573,139, Oct. 30.
Hoffman, Manfred T., Newburyport, Mass. Apparatus for dry-cleaning and degreasing of fibrous material. 2,567,938, Sept. 18.
Hoffman, Morris, Pottstown, Pa. Adjustable garment for children. 2,580,024, Dec. 25.
Hoffman, Otis E.: *See*—
Buchholz, Arnold R., Sprenger, and Hoffman.
Hoffman, Paul E.: *See*—
Hoffman, Edwin and P. E.
Hoffman, Paul S., assignor to Globe Industries, Inc., Dayton, Ohio. Photoflash control system. 2,577,683, Dec. 4.
Hoffman, Richard D., Minneapolis, Minn. Hook-concealing and releasing fish lure. 2,568,547, Sept. 18.
Hoffman, Robert, San Francisco, Calif. Method and apparatus for the rapid production of frigid air. 2,547,756, Apr. 3.
Hoffman, Roger A., Elkton, Va., W. A. Bittenbender, Plainfield, and W. C. Stoll, Elizabeth, assignors to Merck & Co., Inc., Rahway, N. J. Streptomycin elution process. 2,538,099, Jan. 16.
Hoffman, Roscoe C., Detroit, Mich. Axle construction. 2,563,680, Aug. 7.
Hoffman, Roscoe C., Detroit, Mich. Transmission. 2,572,480, Oct. 23.
Hoffman, Samuel K., Whittier, Calif., and H. Caminez, deceased, Williamsport, Pa., by H. Caminez, executrix, Phoenix Ariz., assignors to Avco Manufacturing Corporation. Lay shaft construction. 2,567,482, Sept. 11.
Hoffman, Saul J., Haverhill, and F. W. Burwen, Marblehead, Mass. Straightening tool for vacuum tube terminal plugs. 2,573,198, Oct. 30.
Hoffman, Stanley G., assignor to Hat Corporation of America, Norwalk, Conn. Dyed carroted fur fibers and fabrics and dyeing the same. 2,539,907, Jan. 30.
Hoffman, Stanley G., Toronto, Ontario, Canada. Embalming table. 2,576,116, Nov. 27.
Hoffman, Sigmund, Buffalo, N. Y., assignor of one-third to I. N. Rosen and one-third to E. L. Cohen. Frozen food thawing indicator. 2,553,369, May 15.
Hoffman, William E., Los Angeles, Calif. Trailer hitch. 2,572,341, Oct. 23.
Hoffmann, Banesh, Flushing, and M. Semel, assignors to Federal Telephone and Radio Corporation, New York, N. Y. Direction finder. 2,543,021, Feb. 27.
Hoffmann, Daniel C., Lansdowne, Pa., assignor to General Electric Company. Regenerative breaking control. 2,539,191, Jan. 23.
Hoffmann, Elmer L., Park Ridge, assignor to R. T. Moloney, Chicago, Ill. Electric motor brake. 2,539,836, Jan. 30.
Hoffmann-La Roche Inc., assignee: *See*—
Duschinsky, Robert.
Fox, Herman H., and Wenner.
Gardner, Thomas S., and Wenis.
Hoffer, Max.
Huber, Walter, and Businger.
Isler, Otto.
Lauter, Werner M.
Lauter, Werner M., and Brucar.
Lee, John, and Berger.
Plati, John T., and Wenner.
Scheibel, Edward G.
Schläpfer, Reinhard.
Schnider, Otto, and Grüssner.
Spiegelberg, Hans.
Steiger, Norbert.
Steiger, Norbert, and Keller.
Studer, Andre.
Surmatis, Joseph D.
Urban, Rene.
Zentner, Margaret R.
Zentner, Margaret R., and Haas.
Hoffmann, Otto L.: *See*—
Smith, Allen E., and Hoffmann.
Hoffmann, Robert L., assignee: *See*—
Eiden, Leslie J., and Magers.
Hoffmann, Walter, Zurich, Switzerland. Support for the drawing-roll mechanisms in spinning machines. 2,557,658, June 19.
Hoffmann, Walter L., Flushing, and A. E. Lennstrom, Richmond Hill, N. Y. Trackway guided bed. 2,570,344, Oct. 9.
Hoffmann, Walter W., Bellwood, Ill., assignor to General Electric Company. Uniform intensity illumination for viewing boxes. 2,567,561, Sept. 11.
Hoffmeister, Robert L., Westfield, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Rotary take-up for sewing machines. 2,554,144, May 22.
Hoffmeister, Robert L., Westfield, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Adjustable feed mechanism for sewing machines. 2,577,705, Dec. 4.
Hoffstetter, George O., Jerseyville, Ill. Conveyer and heater therefor. 2,543,287, Feb. 27.
Hoffstetter, George O., Jerseyville, Ill. Fertilizer spreader. 2,543,288, Feb. 27.
Hoffstrom, Bo N., Abrahamsberg, Sweden. Hydraulic brake actuating means. 2,551,677, May 8.
Hofft Company, Inc., The, assignee: *See*—
Simpson, Albert D.
Hofgaard, Rolf, Nordstrandshogda, near Oslo, Norway. Registering device. 2,579,000, Dec. 18.
Hofler, Jamie G., Copenhagen, Denmark. Alarm switch for locks. 2,566,836, Sept. 4.
Hofman, Emil, Newark, N. J. Treating materials to kill bacteria, bacilli, and unsavory odors therein. 2,537,530, Jan. 9.
Hofman Laboratories, Inc., assignee: *See*—
Sulfrian, Gerard F.
Hofman, Sebastian, St. Louis, Mo. Ignition point assembly. 2,569,991, Oct. 2.
Hofman, Tjako F. H., Hoogezand, and F. L. P. Krizkovsky, Leiden, assignors to N. V. W. A. Scholten's Aardappelmeelfabrieken, Ossemarkt, Groningen, Netherlands. Gelatinized starch. 2,548,263, Apr. 10.
Hofmann, Alfred, & Co., assignee: *See*—
Schoenster, Peter J., and Ebert.
Schoenster, Peter, and Schmollinger.
Hofmann, Corris M.: *See*—
Parker, Robert P., and Hofmann.
Hofmann, Frank J., New York, N. Y. Holder and protector for collapsible paste tubes. 2,556,584, June 12.
Hofmann, Fritz, Linz, Austria. Producing wear resistant steel rails. 2,576,223, Nov. 27.
Hofmann, Werner R., Bloomington, assignor to Food Machinery and Chemical Corporation, San Jose, Calif. Rotary extractor. 2,536,935, Jan. 2.

Hofreiter, Alois, assignor to D. Swarovski Glasfabrik und Tyrolit Schleifmittel-Werke, Wattens Tirol, Austria. Manufacture of meshlike ornamental articles. 2,577,584, Dec. 4.

Hofstadter, Robert, Forest Hills, assignor to The Norden Laboratories Corporation, New York, N. Y. Vertical velocity control for aircraft. 2,558,850, July 3.

Hogaboom, George B., Jr., Kenilworth, N. J. Anode for electroplating phonograph recordings and shells produced therefrom. 2,557,503, June 19.

Hogan, Edward F., Andover, Mass. Device for monitoring sound transmissions by radio. 2,561,698, July 24.

Hogan, John V. L., Forest Hills, assignor to Faximile, Inc., New York, N. Y. Facsimile recorder construction. 2,575,959, Nov. 20.

Högberg, Knut B.: *See*—
Rosenberg, Ernst T., Högberg, and Claeson.

Högberg, Linus W., Stockholm, Sweden. Trigonometric instrument. 2,571,038, Oct. 9.

Hoge, Albert W., Ridley Park, Pa., assignor to Houdry Process Corporation, Wilmington, Del. Maintenance of catalytic activity in hydrocarbon conversion systems. 2,567,207, Sept. 1.

Hoge, John H.: *See*—
Zimmerman, Robert F., and Hoge.

Hoge Warren Zimmerman Co., assignee: *See*—
Zimmerman, Robert F., and Hoge.

Högel, Lennart, T. Thelemarck, and C. Lingberg, assignors to Allmanna Svenska Elektriska Aktiebolaget, Vasteras, Sweden. Apparatus for partial surface hardening of crankshafts, camshafts, or like workpieces. 2,574,564, Nov. 13.

Hogeman, Hans, Longmeadow, assignor to American Bosch Corporation, Springfield, Mass. Accumulator type injection nozzle. 2,556,369, June 12.

Hogeman, Hans, Longmeadow, assignor to American Bosch Corporation, Springfield, Mass. Cooled injection nozzle. 2,552,679, May 15.

Hogenson, Ole L., Winger, Minn. Manually maneuverable weed burner. 2,542,525, Feb. 20.

Hogg, Francis M., Findley Lake, N. Y., assignor to General Electric Company. Refrigerator latch. 2,561,201, July 17.

Hogg, William, Sunbury-on-Thames, assignor to Girling Limited, Birmingham, England. Fluid-tight closure for a cylinder or other container. 2,541,250, Feb. 13.

Hoglan, Forest A.: *See*—
Schlaeger, Albert J., and Hoglan.

Hoglan, Forest A., and Morris J. Blish, Toledo, Ohio, assignors to International Minerals and Chemical Corporation. Production of glutamic acid. Re. 23,334, Feb. 27.

Hogle, John J., Rexford, N. Y., assignor to General Electric Company. Quadrature signal rejector. 2,554,987, May 29.

Hoglin, Irving M., Boulder, Colo. Fluid-jet-sustained aircraft. 2,547,266, Apr. 3.

Hoglund, Anton, Toledo, Ohio. Variety shelf. 2,564,259, Aug. 14.

Hoglund, Ralph H., G. E. Hulstede, and A. J. Yakutis, Cambridge, Mass., assignors to the United States of America as represented by the Secretary of War. Automatic focusing circuit. 2,548,791, Apr. 10.

Hogsed, Milton J., assignor to E. I. du Pont de Nemours & Co., Wilmington, Del. Dimerization of methacrylonitrile to alpha-methylene-delta-methyladiponitrile. 2,566,203, Aug. 28.

Hogue, Alfred L., E. A. Raney, J. A. Young, and L. R. Runaldue, Pittsfield, Mass., assignors to General Electric Company. Method and apparatus for insertion of tap straps in capacitors. 2,547,644, Apr. 3.

Hogue, Francis M., Berlen Springs, assignor to Clark Equipment Company, Buchanan, Mich. Pressure fluid operated servomotor. 2,567,603, Sept. 11.

Hogue, Paul M.: *See*—
Daly, Thomas A., and Hogue.

Hoheisel, Otto, Milltown, N. J., assignor to Johns-Manville Corporation, New York, N. Y. Making heat exchangers. 2,549,466, Apr. 17.

Hohing, Conrad, Jr.: *See*—
Duke, Marshall, Hohing, and Shaffer.
Duke, Marshall, Rio, and Hohing.

Hohler, Robert L., Dayton, Ohio. Releasable coupling. 2,537,829, Jan. 9.

Hohlfeld, George, Flushing, N. Y. Hinge lock. 2,542,197, Feb. 20.

Hohmann, Richard K., Jamaica, N. Y., assignor to White Sewing Machine Corporation, Cleveland, Ohio. Sewing machine hook mechanism. 2,544,227, Mar. 6.

Hohmann, Richard K., Jamaica, N. Y., assignor to White Sewing Machine Corporation, Cleveland, Ohio. Supporting means for oscillating sewing machine hooks. 2,544,263, Mar. 6.

Hohnstein, Deward B., Denver, Colo. Combustion type air heater for house trailers. 2,579,821, Dec. 25.

Hohwart, Ernest F.: *See*—
Hohwart, George and E. F.

Hohwart, George and E. F., Detroit, assignors to N. A. Woodworth Company, Ferndale, Mich. Adjustable ring gauge. 2,565,025, Aug. 21.

Hohwart, George and E. F., Detroit, assignors to N. A. Woodworth Company, Ferndale, Mich. Diaphragm chuck. 2,565,430, Aug. 21.

Hohwart, George and E. F., Detroit, assignors to N. A. Woodworth Company, Ferndale, Mich. Diaphragm chuck (universal gear type). 2,568,585, Sept. 18.

Hohwart, George and E. F., Detroit, assignors to N. A. Woodworth Company, Ferndale, Mich. Diaphragm chuck. 2,577,656, Dec. 4.

Hoier, Walter A., assignor to The Cincinnati Milling Machine Co., Cincinnati, Ohio. Precision wheel truing mechanism. 2,565,687, Aug. 28.

Hoigaard, C. J., Co., assignee: *See*—
Hoigaard, Cyrus J., and Boeck.

Hoigaard, Cyrus J., and F. W. Boeck, assignors to C. J. Hoigaard Co., Minneapolis, Minn. Sectional athletic field cover. 2,578,135, Dec. 11.

Hoitt, Robert W., assignor to Nashua Gummed and Coated Paper Company, Nashua, N. H. Feeding and moistening means for dry gummed strip material. 2,565,451, Aug. 21.

Hokanson, E. S., assignee: *See*—
Wolfer, Duane C.

Hokanson, Otto A., Snyder, assignor to The Rudolph Wurlitzer Company, North Tonawanda, N. Y. Coin selector. 2,545,426, Mar. 13.

Hokanson, Otto A., Snyder, assignor to The Rudolph Wurlitzer Company, North Tonawanda, N. Y. Multicoin selector. 2,565,177, Aug. 21.

Holan, Anthony, London, England. Padlock. 2,550,655, Apr. 24.

Holben, Martin M.: *See*—
Sollinger, Ferdinand P., and Holben.

Holben, Martin M., Ridgewood, N. J., assignor to Wright Aeronautical Corporation. Shaft seal. 2,556,393, June 12.

Holberson, Henry A., Youngstown, Ohio. Apparatus for automatic localized annealing. 2,569,634, Oct. 2.

Holbert, Henry C.: *See*—
Bunts, Vernon M., and Holbert.

Tolbro, Theodor: *See*—
Kern, Walter, and Holbro.

Holbro, Theodor, Basel, and W. Kern, Sissach, assignors to Ciba Limited, Basel, Switzerland. Vat dyestuffs. 2,538,313, Jan. 16.

Holbrook, Bernard D.: *See*—
Hamming, Richard W., and Holbrook.

Holbrook, Charles W., San Quentin, Calif. Roll-up Venetian blind. 8,563,934, Aug. 14.

Holbrook, Max A., assignor to Pratt Manufacturing Company, Coldwater, Mich. Safety guard for coasting sleds. 2,547,209, Apr. 3.

Holbrook, Max A., assignor to Pratt Manufacturing Company, Coldwater, Mich. Coasting sled. 2,547,210, Apr. 3.

Holbrook, Max A., assignor to Pratt Manufacturing Company, Coldwater, Mich. Coasting sled. 2,568,070, Sept. 18.

Holbrook Microfilming Service, Inc., assignee: *See*—
Halahan, John, Lyon, Mortimer, and Aronson.

Holbrook, Ralph O., Takoma Park, Md., assignor to Stromberg-Carlson Company. Automatic focus control means for cathode-ray tubes. 2,567,377, Sept. 11.

Holbrook, Thomas R., Cornelia, Ga., assignor to General Motors Corporation, Detroit, Mich. Forming a composite article comprising steel and silver. 2,557,823, June 19.

Holcomb, Harry E.: *See*—
McDermott, Paul F., and Holcomb.

Holcombe, Elton, San Jon, N. Mex. Swimming appliance. 2,555,969, June 5.

Holdaway, Vivian L., Midland Park, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Variable gain amplifying system. 2,556,692, June 12.

Holdaway, Vivian L., Plainfield, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Glow discharge voltage control device. 2,560,346, July 10.

Holdeman, Lloyd H., assignor to Manning, Maxwell & Moore, Inc., Muskegon, Mich. Apparaus for servicing the trucks or wheels of railway vehicles. 2,554,145, May 22.

Holden, Artemas F., New Haven, Conn. Self-agitating metallurgical salt bath. 2,537,830, Jan. 9.

Holden, Dean H., assignor to Holdenline Company, Cleveland, Ohio. Gaseous discharge tube fixture. 2,564,362, Aug. 14.

Holden, Lawrence T., Jamaica Plain, Mass., assignor, by mesne assignments, to the United States of America as represented by the Secretary of the Navy. Adjustable spring hold-down for radio tubes. 2,539,581, Jan. 30.

Holden, Victor, Buffalo, N. Y. Garment hanger. 2,546,600, Mar. 27.

Holden, William H. T., Woodside, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Coordinate selecting and lock-out. 2,562,100, July 24.

Holden, William H. T., Woodside, and B. F. Lewis, Bayside, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Line identification circuit for telephone systems. Re. 23,388, July 10.

Holden, William H. T., Woodside, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Dialed number recovery circuit, 2,562,717, July 31.

Holden, William H. T., Pasadena, Calif., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electronic code pulse transmitting circuit. 2,580,095, Dec. 25.
Holdenline Company, assignee: *See*—
Holden, Dean H.
Holder, Chester M. and M. C., Ringling, Okla. Drill pipe attachment. 2,568,005, Sept. 18.
Holder, Clinton H., Cranford, N. J., assignor to Standard Oil Development Company. Production of alcohols from carbon monoxide and hydrogen. 2,569,380, Sept. 25.
Holder, Leonard H., Washington, D. C. Roof cooling device. 2,554,409, May 22.
Holder, Morgan C.: *See*—
Holder, Chester M., and M. C.
Holder, Wilburn R., Winston-Salem, N. C. Watch protector. 2,553,089, May 15.
Holderle, Carl L.: *See*—
Holderle, Harvey C., F. S., F. W., and C. L.
Holderle, Frederick S.: *See*—
Holderle, Harvey C., F. S., F. W., and C. L.
Holderle, Frederick W.: *See*—
Holderle, Harvey C., F. S., F. W., and C. L.
Holderle, Harvey C., F. S., F. W., and C. L., Rochester, N. Y. Display case. 2,564,806, Aug. 21.
Holderle, Harvey C., F. S., F. W., and C. L., Rochester, N. Y. Display case and removable container therefor. 2,564,807, Aug. 21.
Holdgreve, Gerald C.: *See*—
Beard, Lee R., Seely, and Holdgreve.
Holdman, Robert E., New York, N. Y. Automatic speed regulator for timepieces. 2,554,029, May 22.
Holeman, Benjamin F., Washington, D. C. Saucer. 2,536,936, Jan. 2.
Holeproof Hosiery Co., assignee: *See*—
Mueller, Rudolph J.
Holicer, John R., Shreveport, La. Fluid control mechanism. 2,563,244, Aug. 7.
Holik, Melville J., Berwyn, assignor to Ditto, Incorporated, Chicago, Ill. Smudge resistant transfer sheet and making same. 2,554,909, May 29.
Holister, Frank O., Los Angeles, and G. M. George, Long Beach, Calif. Hardware for mounting an overhead garage door. 2,570,447, Oct. 9.
Holke, Eugene E., assignor to James R. Kearney Corporation, St. Louis, Mo. Electrical connector. 2,573,710, Nov. 6.
Holker, James R.: *See*—
Boyd-Barrett, H. Stanislaus, Holker, and Steiner.
Holl, James W. F., Los Angeles, Calif. Fluid seal for rotary fluid valves. 2,558,087, June 26.
Holl, James W. F., Long Beach, Calif. Hydraulic pumping system. 2,560,441, July 10.
Holl, James W. F., Los Angeles, Calif. Variable volume rotary pump. 2,565,077, Aug. 21.
Holl, James W. F., Los Angeles, Calif. Reversible variable volume pump. 2,569,717, Oct. 2.
Holl, James W. F., Los Angeles, Calif. Pressure type clothes pounder. 2,579,671, Dec. 25.
Holland, Arthur A., Chaplin, Saskatchewan, Canada. Dehydration of mineral salts by drum drier. 2,578,355, Dec. 11.
Holland, Cecil C., Van Nuys, Calif. Book match holder and pipe tamper. 2,539,249, Jan. 23.
Holland, Cropper W., Jr.: *See*—
Patton, John W., and Holland.
Holland, Fred R., Fort Worth, Tex. Testing for the presence of brine in wells. 2,576,718, Nov. 27.
Holland Furnace Company, assignee: *See*—
Weyenberg, Henry, and Kimberley.
Holland, Glenn A., Bronxville, N. Y., and H. H. Schott, Greenwich, assignors to The Yale & Towne Manufacturing Company, Stamford, Conn. Electric cord attachment for irons. 2,536,996, Jan. 2.
Holland, Harry, Minneapolis, Minn. Envelope type record calendar. 2,560,766, July 17.
Holland Hitch Company, assignee: *See*—
Geerds, Henry A.
Holland, Jack W., Hopatcong, N. J. Machine for laminating and reinforcing webs. 2,542,139, Feb. 20.
Holland, James W., Valdosta, Ga. Folding wing device. 2,544,021, Mar. 6.
Holland, Kenneth A., Sr., Kansas City, Mo. Bath support for babies. 2,560,575, July 17.
Holland, Louis E., Jackson County, Mo. Lawn sprinkler. 2,552,716, May 15.
Holland-Rantos Company, Inc., assignee: *See*—
Coel, Leo.
Holland, Raymond P., Jr., Roswell, N. Mex. Kite. 2,562,789, July 31.
Holland, Raymond T., Macon, Mo. Emergency fender light. 2,557,872, June 19.
Holland, Robert H., and T. W. Stephenson, Detroit, assignors to Ford Motor Company, Dearborn, Mich. Sun visor. 2,566,523, Sept. 4.
Holland, Robert L.: *See*—
Atwood, William E., and Holland.
Holland, Stanley T., Mineral Point, Wis. Mirror support. 2,573,443, Oct. 30.
Holland, Thomas E.: *See*—
Kyle, Claude W., and Holland.
Holland, Thomas W.: *See*—
Riley, Robert H., Jr., and Holland.
Holland, Thomas W., Towson, Md., assignor to The Black & Decker Manufacturing Company. Battery lead clamp. 2,573,972, Nov. 6.
Holland, Virgil K., Portland, Oreg. Double glazing unit. 2,539,079, Jan. 23.
Holland, William E., Plainfield, N. J., C. O. Pike, Sanford, N. C., and E. S. Voutetakis, Paris, France, assignors to Industrial Tape Corporation. Pressure-sensitive adhesive. 2,551,600, May 8.
Hollander, Benjamin, New York, N. Y. Slicer for vegetables or the like. 2,555,884, June 5.
Hollander Metal Products Corporation, assignee: *See*—
Hollander, Seymour I.
Hollander, Seymour I., Fairfield, assignor to Hollander Metal Products Corporation, Bridgeport, Conn. Yieldable connection device for belt buckles. 2,572,726, Oct. 23.
Hollander, William L.: *See*—
Hubbard, David C., and Hollander.
Hollander, William L., assignor to A. B. Chance Company, Centralia, Mo. Earth auger. 2,571,244, Oct. 16.
Holland-Martin, Cyril G., Wallington, near Baldock, and A. W. Bowyer, Letchworth, England, assignors to International Business Machines Corporation, New York, N. Y. Card selecting apparatus. 2,539,998, Jan. 30.
Hollar, John V., assignor to The La Resista Corset Company, Bridgeport, Conn. Shoulder strap for undergarments. 2,566,416, Sept. 4.
Hollar, John V., assignor to The La Resista Corset Company, Bridgeport, Conn. Foundation garment. 2,569,379, Sept. 25.
Hollaway, Roy L., San Francisco, Calif., assignor of thirty per cent to M. M. Warren. Sheet metal working device. 2,579,188, Dec. 18.
Holle, Roy: *See*—
Fleischer, Nathan I., and Holle.
Holle, Roy, assignor to The Fleischer Mills, Inc., Cincinnati, Ohio. Tag fastener. 2,546,303, Mar. 27.
Hollenbeck, De Vere C., Ferndale, assignor, by mesne assignments, to Lapeer Manufacturing Company, Detroit, Mich. Magnetic wire sound recording and reproducing apparatus. 2,553,256, May 15.
Hollengreen, Milburn A., H. E. Balsiger, and M. S. Gjesdahl, assignors to Landis Tool Company, Waynesboro, Pa. Grinding machine. 2,556,843, June 12.
Hollengreen, Milburn A., and W. E. Happel, assignors to Landis Tool Company, Waynesboro, Pa. Loading device. 2,559,430, July 3.
Hollengreen, Milburn A., and D. F. Price, assignors to Landis Tool Company, Waynesboro, Pa. Work loading device. 2,559,431, July 3.
Holler, Elmer C.: *See*—
Young, Charles G., and Holler.
Hollerith, Charles, Jackson, Mich., assignor, by mesne assignments, to The B. F. Goodrich Company, Akron, Ohio. Forged wheel. 2,566,663, Sept. 4.
Hollerith, Charles, Jackson, Mich., assignor, by mesne assignments, to The B. F. Goodrich Company, Akron, Ohio. Self-energized brake system. 2,569,670, Oct. 2.
Hollerith, Charles, Jackson, Mich., assignor, by mesne assignments, to The B. F. Goodrich Company, Akron, Ohio. Expander tube brake construction. 2,570,345, Oct. 9.
Holleron, William K., and W. L. Buckley, Victoria, Tex. Sheave. 2,567,562, Sept. 11.
Holley, Donald A., Waverly, Iowa. Controlling the coolant of a marine internal-combustion engine. 2,536,642, Jan. 2.
Holley, Earl: *See*—
Bobier, Wilfred S., Jr., and Cowles.
Duzy, Edward J.
Egerer, William E.
Hingelberg, Edwin G.
Holley, George M., Jr.
Holley, George M., Jr., and Orr.
Kittler, Milton J.
Kittler, Milton J., and Winter.
Orr, Andrew W., Jr.
Smitley, Marion L.
Udale, Stanley M.
Winter, Arthur G.
Holley, George M.: *See*—
Bobier, Wilfred S., Jr., and Cowles.
Colvin, Clifford, and Bettoni.
Duzy, Edward J.
Egerer, William E.
Hingelberg, Edwin G.
Holley, George M., Jr.
Holley, George M., Jr., and Orr.
Kittler, Milton J.
Kittler, Milton J., and Winter.
Orr, Andrew W., Jr.
Smitley, Marion L.
Udale, Stanley M.
Winter, Arthur G.
Holley, George M., Jr., Detroit, Mich., assignor to G. M. and E. Holley. Fuel feeding control for gas turbines responsive to fuel flow, temperature, and acceleration. 2,564,107, Aug. 14.
Holley, George M., Jr., Grosse Pointe, Mich., assignor to G. M. and E. Holley. Remote control device. 2,564,108, Aug. 14.

Holley, George M., Jr., Grosse Pointe, and A. W. Orr, Jr., Detroit, Mich., assignors to G. M. and E. Holley. Gas turbine governor. 2,545,698, Mar. 20.

Holley, John L., assignor of one-half to O. M. Weatherby, Waco, Tex. Fire escape drum and cable and hydraulic governor means therefor. 2,553,090, May 15.

Holley, Robert W.: *See*—
Du Vigneaud, Vincent, and Holley.

Holliday, John B.: *See*—
Mordell, Donald L., and Holliday.

Hollifield, Lawrence R., Grover, N. C. Filling valve. 2,536,746, Jan. 2.

Hollihan, John P.: *See*—
Hall, James W., Hollihan, and Morehead.

Hollinger, John S., Pontiac, Mich. Work indexing attachment. 2,578,476, Dec. 11.

Hollingsworth, Clinton A., Lakeland, Fla., assignor to Coronet Phosphate Company, New York, N. Y. Defluorination of phosphate rocks. 2,556,541, June 12.

Hollingsworth, Clinton A., Lakeland, Fla., assignor to Coronet Phosphate Company, New York, N. Y. Defluorination of phosphate rock. 2,556,542, June 12.

Hollingsworth, Clinton A., Lakeland, Fla., assignor to Coronet Phosphate Company, New York, N. Y. Defluorination of phosphate rock. 2,562,718, July 31.

Hollingsworth, Lowell M.: *See*—
Durand, Eric, and Hollingsworth.

Hollingsworth, Lowell M., Cambridge, Mass., assignor, by mesne assignments, to the United States of America as represented by the Secretary of War. Automatic frequency control system. 2,558,435, June 26.

Hollingsworth, Maurice H., Corpus Christie, Tex. Direction and safety signal for motorcycles. 2,540,394, Feb. 6.

Hollins, Jesse R., New York, N. Y. Auxiliary energizing circuit for vehicle signal lamps. 2,562,271, July 31.

Hollins, Jesse R., Brooklyn, N. Y. Vehicle signal light circuit. 2,562,272, July 31.

Hollins, Jesse R., Brooklyn, N. Y. Directional lamp switch. 2,562,273, July 31.

Hollins, Jesse R., Brooklyn, N. Y. Switch for directional and clearance lamps. 2,562,274, July 31.

Hollins, Jesse R., Brooklyn, N. Y. Switch for directional and clearance lamps. 2,562,275, July 31.

Hollins, Jesse R., Brooklyn, N. Y. Direction switch for vehicle lighting circuits. 2,570,811, Oct. 9.

Hollinshead, William H., St. Paul, Minn. Snap switch. 2,572,622, Oct. 23.

Hollis, Albert C., Watford, England. Drill chuck. 2,544,088, Mar. 6.

Hollis, Edward W., Evanston, assignor to Coach & Car Equipment Corporation, Chicago, Ill. Arm cap release for reclining backs of coach seats. 2,560,796, July 17.

Hollis, Edwin M.: *See*—
Dayger, Jonas E., and Hollis.

Hollis, Gilbert, assignor to S. G. Young, London, England. Snap-action electric switch. Re. 23,412, Sept. 25.

Hollis, Robert F., assignor to Alton Box Board Company, Alton, Ill. Apparatus for laminating materials. 2,554,988, May 29.

Hollis, Robert F., assignor to Alton Box Board Company, Alton, Ill. Apparatus for testing paperboard with controlled pressure. 2,565,371, Aug. 21.

Hollister, Ezra: *See*—
Trautman, Walter C., and Hollister.

Hollman, Peter I.: *See*—
Abrams, Victor R., and Hollman.

Hollmeyer, Thomas J., and J. Buchert, assignors to Ansonia Copper and Iron Works, Inc., Cincinnati, Ohio. Heat exchange apparatus. 2,545,280, Mar. 13.

Holloway, Clark, Jr., assignee: *See*—
Bain, Carl C.

Holloway, Dennis G.: *See*—
Johnson, Leonard R. J., Holloway, and White.

Holloway, John H., Green Bay, and K. G. Jones, De Pere, assignors to Murphy Diesel Company, Milwaukee, Wis. Dual fuel internal-combustion engine. 2,569,002, Sept. 25.

Holloway, Edward R., assignor to The Falk Corporation, Milwaukee, Wis. End thrust and torque transmitting coupling. 2,551,837, May 8.

Holloway, Ernest, Cleveland, Ohio. Rocket machine gun. 2,546,823, Mar. 27.

Holloway, Frederick S., assignor to Amalgamated Wireless (Australasia) Limited, Sydney, New South Wales, Australia. Automatic alarm selector. 2,552,174, May 8.

Holloway, John H., Green Bay, assignor to Murphy Diesel Company, Milwaukee, Wis. Gas metering apparatus for gas engines. 2,541,419, Feb. 13.

Holloway, Judson H., R. S. Tabke, and A. N. Parrett, assignors to Rayonier Incorporated, Shelton, Wash. Treatment of pulp. 2,546,749, Mar. 27.

Hollsberg, Herbert J.: *See*—
Henninger, William, and Hollsberg.

Hollum, Arne M., Oslo, Norway, W. A. James, and W. A. Semple, Arvida, assignors to Aluminium Laboratories Limited, Montreal, Quebec, Canada. Producing alumina from slags or sinters prepared from lime and alumina-bearing materials. 2,544,231, Mar. 6.

Holly, Frederick W.: *See*—
Folkers, Karl, and Holly.

Holly, Harry H., assignor, by mesne assignments, of one-half to Holly Molding Devices, Inc., Chicago, Ill. Stacker and counter. 2,553,823, May 22.

Holly, Harry H., Chicago, Ill. Automatic hamburger patty molding machine. 2,564,064, Aug. 14.

Holly Manufacturing Company, assignee: *See*—
Johnson, James S., and Bedell.

Holly Molding Devices, Inc., assignee: *See*—
Holly, Harry H.

Hollyday, William C., Jr., Roselle, and W. J. Sparks, Westfield, N. J., assignors to Standard Oil Development Company. Olefin-haloaromatic copolymer and preparation thereof. 2,561,796, July 24.

Hollymade Hardware Manufacturing Company, assignee: *See*—
Cerf, Robert C., Jr.

Hollywood, Edwin L., Glendale, assignor to Pan-Continental Corporation, Los Angeles, Calif. Structural clamp. 2,561,864, July 24.

Hollywood Rogue Sportswear Corp., assignee: *See*—
Freedman, William J.

Holm, Carl J., Trondheim, Norway. Reel for fishing rods. 2,564,975, Aug. 21.

Holm, Charles F., Cliffside Park, N. J. Fishhook suspension device. 2,569,312, Sept. 25.

Holm, Faith, North Chatham, Mass. Hand bandaging unit. 2,561,863, July 24.

Holm, Gunnar, Hillevag on Stavanger, Norway, assignor to J. Bull, Roosevelt, N. Y. Spring system for furniture. 2,556,085, June 5.

Holm, Harry N., Minneapolis, Minn. Door silencer. 2,542,140, Feb. 20.

Holm, John M.: *See*—
Taylor, James, Holm, and Hutchison.

Holm, Lillian, assignee: *See*—
Adler, Henry.

Holm, Melvin M., San Francisco, and G. E. Langlois, El Cerrito, assignors to California Research Corporation, San Francisco, Calif. Polymerizing olefins. 2,579,433, Dec. 18.

Holm, Roy F., St. Paul, assignor to Standard Conveyor Company, North St. Paul, Minn. Conveyer switch. 2,566,417, Sept. 4.

Holm, Roy T.: *See*—
Melstrom, Donald S., and Holm.

Holm, Sven: *See*—
Yerrick, William D., and Holm.

Holm, Sven, Wellsville, assignor to The Air Preheater Corporation, New York, N. Y. Recovery of pressure fluid in heat exchangers. 2,540,733, Feb. 6.

Holm, Sven, Wellsville, assignor to The Air Preheater Corporation, New York, N. Y. Regenerative heat exchanger. 2,558,752, July 3.

Holm, Sven, and P. H. Karlsson, Wellsville, assignors to The Air Preheater Corporation, New York, N. Y. Multifluid heat exchanger. 2,578,550, Dec. 11.

Holman, Arthur J., Brighton, N. Y. Lens grinding tool and method. 2,541,873, Feb. 13.

Holman, Clarence T., Glendale, Calif. Gardener's tool. 2,545,734, Mar. 20.

Holman, Herbert E.: *See*—
Collard, John, and Holman.

Holman, James P., Pomona, Calif. Telltale radio signal device. 2,552,969, May 15.

Holman, James P., Pomona, Calif. Inertia switch. 2,573,199, Oct. 30.

Holman, Leslie A., Waltham, Mass., assignor to The McCaskey Register Company, Alliance, Ohio. Carbon paper cross-feed for autographic registers. 2,576,879, Nov. 27.

Holmberg, Anders, Stockholm, Sweden. Sintering ores and the like. 2,578,426, Dec. 11.

Holmberg, Carl E., and T. Mungall, Sr., assignors to W. S. Mielziner, Cleveland, Ohio. Impact recorder. 2,578,803, Dec. 18.

Holmberg, Hans A., Conklin, N. Y. Fruit and vegetable cutter and peeler. 2,546,032, Mar. 20.

Holmberg, John A., Camas, Wash., assignor to Crown Zellerbach Corporation, San Francisco, Calif. Paper roll breaker. 2,537,464, Jan. 9.

Holmboe, Carl F., Vestre Aker, near Oslo, assignor to De Nordiske Fabriker, De-No-Fa, Aktieselskap, Oslo, Norway. Hydrogenation reactor. 2,536,603, Jan. 2.

Holmen, Vernon E., Cameron, Wis. Jar vise. 2,569,239, Sept. 25.

Holmes, August, Cranford, N. J., assignor to Standard Oil Development Company. Soil stabilization. 2,575,170, Nov. 13.

Holmes, August, Cranford, N. J., assignor to Standard Oil Development Company. Antifouling pipe line enamel. 2,580,025, Dec. 25.

Holmes, Bradford B., New York, N. Y. Automatic steering device for dirigible craft. 2,541,765, Feb. 13.

Holmes, Bradford B., New York, N. Y., assignor to Bendix Aviation Corporation, Teterboro, N. J. Pressure breathing regulator. 2,544,991, Mar. 13.

Holmes, Burton F., and H. H. Heindel, assignors to Schultz Die Casting Company, Toledo, Ohio. Electronic sequence space discharge tube network. 2,570,448, Oct. 9.

Holmes, Clark, Los Angeles, Calif. Pupillometer having miniature condensing lens for creating light images. 2,536,367, Jan. 2.
Holmes, Davis F., assignor of one-half to M. R. Stork, Atlanta, Ga. Removable window sash. 2,561,511, July 24.
Holmes, Elbridge R., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Lay for narrow ware looms. 2,558,488, June 26.
Holmes, Elbridge R., Worcester, and P. L. Safford, Shrewsbury, assignors to Crompton & Knowles Loom Works, Worcester, Mass. Lay for narrow ware looms. 2,580,175, Dec. 25.
Holmes, Eric L., Northants, and L. E. Holmes, Richmond, Surrey, England. Ion exchange material and use thereof. 2,575,518, Nov. 20.
Holmes, Frank G., Philadelphia, Pa. Automatic freight car. 2,546,507, Mar. 27.
Holmes, Frank G., Philadelphia, Pa. Automatic window washer. 2,569,635, Oct. 2.
Holmes, Frank G., Philadelphia, Pa. Home bar unit. 2,577,850, Dec. 11.
Holmes, Frederick J., St. Clair Shores, Mich. Manifold for internal-combustion engines. 2,561,625, July 24.
Holmes, Gene C., assignee: *See*—
McGahey, Robert E., Jr.
Holmes, George E., Detroit, Mich. Fuse plug. Re. 23,414, Oct. 2.
Holmes, Gifford I., Garden City, N. Y., assignor to The Sperry Corporation. Turbo-supercharger system having controlled inlet and exhaust waste gate. 2,559,623, July 10.
Holmes & Gilfillan, assignee: *See*—
Wright, Milton H.
Holmes, Henry W., Newport, Wash. Ash receptacle for automotive vehicles. 2,556,370. June 12.
Holmes, Ira M., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Transmission control switch. 2,574,787, Nov. 13.
Holmes, James J., Milwaukee, Wis. Tool for carpet anchor strips. 2,557,000, June 12.
Holmes, Joe L., Paris, Tex. Starting attachment for engine manifolds. 2,538,455, Jan. 16.
Holmes, John C., Signal Mountain, Tenn. Steam cleaner. 2,571,575, Oct. 16.
Holmes, Le Roy S., and R. J. Spanski, Detroit, Mich. Outboard motor. 2,571,245, Oct. 16.
Holmes, Leslie, Prospect, E. O. Burnard, Glandore, and J. B. Higgs, Prospect, assignors to British Tube Mills (Australia) Proprietary Limited, Kilburn, Australia. Quantity indicator for draw benches or the like. 2,561,512, July 24.
Holmes, Lucie E.: *See*—
Holmes, Eric L. and L. E.
Holmes, Lynn C., Fairport, and D. L. Clark, assignors to Stromberg-Carlson Company, Rochester, N. Y. Method and apparatus for improving the low-frequency response in magnetic recording and reproducing units. 2,536,810, Jan. 2.
Holmes, Michael J., Windsor, Ontario, Canada. Sprinkler. 2,574,183, Nov. 6.
Holmes, Millan H.: *See*—
McGahey, Robert E., Jr.
Holmes, Nelson L., Ionia, Mich. Bracket supported seat. 2,540,672, Feb. 6.
Holmes, Oscar J., Chicago, Ill. Mounting for photoelectric cells. 2,544,554, Mar. 6.
Holmes, Phyllis M.: *See*—
Dinsdale, John M., Holmes, and Martin.
Wheelwright, Edward H., Dinsdale, Holmes, and Martin.
Holmes, Raymond D., Clinton, assignor to Fleming Specialty Company, Charlotte, N. C. Cutout clearer for perforated containers. 2,557,504, June 19.
Holmes, Stanley H., Chicago, Ill. Work stop. 2,547,211, Apr. 3.
Holmes, Trent H., Middletown, assignor, by mesne assignments, to Niles-Bement-Pond Company, West Hartford, Conn. Power transmission system. 2,547,578, Apr. 3.
Holmes, Verne L., assignee: *See*—
McGahey, Robert E., Jr.
Holmes, Wiley, Holmes Mill, Ky. Rotary plow. 2,554,030, May 22.
Holmes, William R., New York, N. Y., assignor to Bendix Aviation Corporation, Teterboro, N. J. Control system and device for dynamoelectric machines. 2,576,117, Nov. 27.
Holmes, William R., New York, N. Y., assignor to Bendix Aviation Corporation, Teterboro, N. J. Control system and device for dynamoelectric machines. 2,576,604, Nov. 27.
Holmes, Willis G., Pembroke, Mass. Bell actuating mechanism. 2,540,671. Feb. 6.
Holm-Hansen, Osmund, Fairfield, Conn. Washing machine. 2,538,246, Jan. 16.
Holmquest, Harold J.: *See*—
Cobean, Richard W., and Holmquest.
Holmquist, Albin, assignee: *See* —
Ellison, Clarence M.
Holmqvist, Nils E. F.: *See*—
Vigren, Sten D., and Holmqvist.
Holmsten, Neil O., New Rochelle, N. Y. Window latch. 2,542,332, Feb. 20.
Holmwood, Richard H., Binghamton, assignor to International Business Machines Corporation, New York, N. Y. Inking mechanism. 2,573,336, Oct. 30.
Holohan, Bartholomew: *See*—
Pinkham, Clarence A., and Holohan.
Holo-Krome Screw Corporation, The, assignee: *See*—
Klooz, Paul W., and Bates.
Holopainen, Vaino J., assignor to Wain-Roy Corporation, Hubbardston, Mass. Shovel attachment for tractors. 2,543,496, Feb. 27.
Holophane Company, Inc., assignee: *See*—
Franck, Kurt.
Mockrin, Isadore, and Pavlish.
Holoplast Limited, assignee: *See*—
Gonda, Desire.
Hodge, Alfred A.
Holowka, Paul D., York, Pa. Fluid pressure actuated cutting tool. 2,543,109, Feb. 27.
Holroyd, John: *See*—
Hibbert, Harold M., Holroyd, and Baines.
Holroyd, William, assignee: *See*—
Schermerhorn, Freeman.
Holsapple, Harvey T.: *See*—
Mears, Norman B., and Holsapple.
Holsclaw, Neil, Chicago, assignor of one-half to F. E. Sudlow, Rock Island, Ill. Tonsorial device. 2,543,631, Feb. 27.
Holslag, Claude J., South Orange, assignor to Electric Arc, Inc., Newark, N. J. Arc welding electrode holder. 2,540,204, Feb. 6.
Holst, Gilles, Eindhoven, Netherlands, assignor to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Stereophonic sound. 2,538,869, Jan. 23.
Holst, Paul F. G.: *See*—
Reid, John D., and Holst.
Holst, Paul F. G., assignor to Avco Manufacturing Corporation, Cincinnati, Ohio. Keyed automatic gain control circuit with double time constant input voltage filter. 2,538,519, Jan. 16.
Holst, Paul F. G., and M. J. Nelson, assignors to Avco Manufacturing Corporation, Cincinnati, Ohio. Tone and volume control. 2,577,893, Dec. 11.
Holstebroe, Kaye, Gildersleeve, E. Ardell, and H. S. Kayser, Middletown, assignors, by mesne assignments to Hartford-Empire Company, Hartford, Conn. Case closing and sealing apparatus. 2,542,083, Feb. 20.
Holsted, Forrest J., Oakland, Calif. Reciprocating trap chamber dispensing container. 2,558,251, June 26.
Holsted, Forrest J., San Leandro, assignor to F. Engelhard, Danville, Calif. Spool container. 2,556,543, June 12.
Holstedt, Richard A., Evanston, Ill. Deodorizer for refrigerators and other enclosures. 2,557,432, June 19.
Holstein, John H., Chicago, Ill. Rate responsive gun sight computer. 2,552,554, May 15.
Holstein, John H., assignor to Goodman Manufacturing Company, Chicago, Ill. Feeding device for shaker conveyers. 2,558,753, July 3.
Holston, Eugene L.: *See*—
McVicker, Graham D., and Holston.
Holt, Donald A., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Electroplating copper. 2,541,700, Feb. 13.
Holt, Edward K.: *See*—
Redlich, Otto, Adams, and Holt.
Holt, Francis J. W., Mayfield, England. Tree or stretcher for shoes. 2,538,247, Jan. 16.
Holt, Frederick W., Jr., Troy, C. F. Howard, Dayton, and D. E. Bench, Trotwood, assignors to The Brown-Bridge Mills, Inc., Troy, Ohio. Application of thermoplastic tape. 2,538,520, Jan. 16.
Holt, George A.: *See*—
Ricardo, Harry R., and Holt.
Holt, George A., Shoreham-by-Sea, and K. Brook, Eastcote, assignors, by mesne assignments, to Ricardo & Co. Engineers (1927) Limited, London, England. Fuel spray producing nozzle. 2,566,888, Sept. 4.
Holt, George W., Jr., Menominee, Mich., assignor to Marathon Corporation, Rothschild, Wis. Disposable bag for vacuum cleaners. 2,564,845, Aug. 21.
Holt, Grace: *See*—
Holt, John L., and Grace.
Holt, Harry, Jr., assignor to Oldham and Son Limited, Denton, England. Miner's electric cap lamp. 2,544,533, Mar. 6.
Holt, Hobart C., St. Louis, Mo. Collar stiffener. 2,564,008, Aug. 14.
Holt, John L. and G., Kalamazoo, Mich. Dispensing container. 2,580,096, Dec. 25.
Holt, Leo G., Merrimac, Mass., assignor to Western Electric Company, Incorporated, New York, N. Y. Apparatus for setting feeding mechanisms for material working machines. 2,564,434, Aug. 14.
Holt, William E., Oakland, Calif. Floor maintenance machine. 2,561,279, July 17.
Holt, William J., Jr., Garland, Tex. Carrying case type folding table. 2,559,357, July 3.
Holt, William J., Jr., Garland, and D. L. Whiteside, Grapevine, assignors to Varo Mfg. Co., Inc., Garland, Tex. Constant current regulator. 2,552,042, May 8.
Holt, William J., Jr., and R. L. Jordan, assignors to Varo Mfg. Co., Inc., Garland, Tex. Saturable transformer regulated rectifier. 2,555,544, June 5.

Holt, William T., Jacksonville, Ark. Fishing plug or lure. 2,558,436, June 26.
Holtan, Edward C.: *See*—
Bussiere, George, and Holtan.
Holtan, Maurice O.: *See*—
Fellows, Harrison E., and Holtan.
Holte, Alf T., New Westminster, British Columbia, Canada. Insect destroyer. 2,576,118, Nov. 27.
Holter, Bruce T., Newberry, Pa. Automatic injection feed appliance for rivets and headed fastenings. 2,569,891, Oct. 2.
Holter, Norman F., and W. F. Beth, assignors to Norton Company, Worcester, Mass. Repair of pulpstones. 2,544,632, Mar. 6.
Holtman, Edith, assignor to Durex Products Incorporated, New York, N. Y. Pessary package. 2,538,197, Jan. 16.
Holton, Charles S., Largo, Fla. Brush holder. 2,550,248, Apr. 24.
Holtz, Frederick C., Jr., Wadsworth, Ill., assignor to Pfanstiehl Chemical Company. Phonograph needle. 2,553,822, May 22.
Holtz, Raymond K., Mount Lebanon, assignor to Miller Printing Machinery Co., Pittsburgh, Pa. Inking mechanism. 2,561,373, July 24.
Holveck, Joseph E., Upper Montclair, and A. G. Rockwood, Nutley, assignors to Worthington Pump and Machinery Corporation, Harrison, N. J. Nozzle valve. 2,542,526, Feb. 20.
Holveck, Joseph E., Upper Montclair, and A. G. Rockwood, Nutley, assignors to Worthington Pump and Machinery Corporation, Harrison, N. J. Hydraulic-type log debarker having centripetally directed jets mounted in circumferential groups radially adjustable for different size logs. 2,578,804, Dec. 18.
Holway, Leo R., Denver, Colo. Drawing paper holder. 2,538,783, Jan. 23.
Holy, Mitchel E., Philadelphia, Pa., assignor to Container Corporation of America, Chicago, Ill. Collapsible carrier. 2,576,179, Nov. 27.
Holycross, Frank R., Jr.: *See*—
Wagner, Cletus P., and Holycross.
Holzinger, Alfred S.: *See*—
Lense, Ralph J., and Holzinger.
Holzinger, Rudolph J.: *See*—
Pabst, Arthur C., and Holzinger.
Holzman, Lawrence J., Cleveland, Ohio. Drive for magnetic-wire recorders. 2,576,459, Nov. 27.
Holzner, Adolf, Merrick, N. Y. Wall and desk cyclometer clock. 2,576,119, Nov. 27.
Holzner, Adolf, New York, N. Y. Zero-setting mechanism. 2,540,619, Feb. 6.
Holzschuh, Andrew A.: *See*—
Pelton, Earl L., and Holzschuh.
Holzwarth, Hans T.: *See*—
Mayers, Martin A., and Holzwarth.
Homan, Walter, assignor to The National Cash Register Company, Dayton, Ohio. Operation control means for calculating machines. 2,573,022, Oct. 30.
Homann, Clifford, Humboldt Township, Coles County, Ill. Insulator support. 2,561,311, July 17.
Homans, Lili N. S., assignor to Stichting Nederlandsch-Indisch Instituut Voor Rubberonderzoek, Buitenzorg, near Batavia, Isle of Java, Netherlands East Indies. Treatment of the white fraction latex in which non-rubber constituents are decomposed. 2,575,663, Nov. 20.
Homasote Company, Incorporated, assignee: *See*—
Bamford, Charles J., Sr.
Hom-Del Inc., assignee: *See*—
Will, Theodore.
Home Equipment Manufacturing Co., assignee: *See*—
Luckman, Fred W.
Homeier, Otto F., Baldwin, and L. Scheib, Brooklyn, assignors to United States Rubber Company, New York, N. Y. Belt covering machine. 2,579,822, Dec. 25.
Homer, Horace H.: *See*—
Chun, Herbert H., and Homer.
Homer, Horace H., Arlington, assignor to Sylvania Electric Products Inc., Salem, Mass. Electric gaseous discharge device electrode. 2,560,953, July 17.
Homerin, Phillip G., Peoria, Ill. Clasp for bracelets. 2,540,522, Feb. 6.
Homestead Valve Manufacturing Company, assignee: *See*—
Ofeldt, Frank W.
Homiller, Richard P.: *See*—
Eskew, Roderick K., Homiller, and Phillips.
Homiller, Richard P., Three Tuns, and N. H. Eisenhardt, Philadelphia, Pa., assignors to the United States of America, as represented by the Secretary of Agriculture. Preparation of full flavored fruit concentrates. 2,572,846, Oct. 30.
Homkes, Bartell J.: *See*—
Van Vliet, Paul D., and Homkes.
Hommel, Ernest M., assignor to The O. Hommel Company, Pittsburgh, Pa. Apparatus and method for manufacturing silicate fibers and frit. 2,569,472, Oct. 2.
Hommel, O., Company, The, assignee: *See*—
Hommel, Ernest M.
Hommel, Theodore, Normandy, assignor to Universal Match Corporation, St. Louis, Mo. Photocomposing machine. 2,547,527, Apr. 3.
Homrighous, John H., Oak Park, Ill. System for controlling the path of bombs and projectiles. 2,579,823, Dec. 25.
Homsey, Samuel E.: *See*—
Hibbard, Donald L., and Homsey.
Honan-Crane Corporation, assignee: *See*—
Harlan, Avery S.
Honerkamp, Friedrich, Woodside, N. Y., and L. R. Phillips, Teaneck, N. J., assignors to Anemostat Corporation of America, New York, N. Y. Portable electric fan. 2,541,251, Feb. 13.
Honey, Eric M. O., and C. R. Hardy, Dagenham Dock, England, assignors to The Electric Storage Battery Co. Producing microporous material. 2,542,527, Feb. 20.
Honey, Eric M. O., and C. R. Hardy, assignors to Pritchett & Gold and E. P. S. Company Limited, Dagenham Dock, England. Battery separator. 2,570,677, Oct. 9.
Honey, Frank H.: *See*—
Farrow, Percy, and Honey.
Honeyman, Lewis C., Pueblo, Colo. Coin holder. 2,553,257, May 15.
Hongell, Eino, Verdun, Quebec, Canada. Coin-controlled liquid dispensing device. 2,577,585, Dec. 4.
Honig, David, Brooklyn, N. Y. Utility wall cabinet. 2,537,669, Jan. 9.
Honig, Frank, Edgewood, R. I. Producing yarn. 2,557,433, June 19.
Honig, Henry T., Dallas, Tex. Sheet gathering machine. 2,558,685, June 26.
Honing, Wilhelm: *See*—
Bergmans, Jan, and Honing.
Honorary Advisory Council For Scientific and Industrial Research, The, assignee: *See*—
Booth, Adrian H.
Cambron, Adrien, and McKim.
McKay, Arthur F.
Newton, Isaac L.
Watson, William H., and Guptill.
Hooban, Robert O., Coeur d'Alene, Idaho. Power-driven clothes-cleaning brush. 2,578,549, Dec. 11.
Hood, E. Elliott, Elmira, assignor to Bendix Aviation Corporation, Elmira Heights, N. Y. Hub brake. 2,552,484, May 8.
Hood, Harrison P., assignor to Corning Glass Works, Corning, N. Y. Opal glass and method of controlling fire thereof. 2,571,242, Oct. 16.
Hood, Ian A. F., and W. G. Lumb, assignors to Amalgamated Wireless (Australasia) Limited, Sydney, New South Wales, Australia. Attenuator for electric circuits. 2,536,501, Jan. 2.
Hood, Myron E., Cincinnati, Ohio. Gas mixing device for draught beer dispensing. 2,569,378, Sept. 25.
Hood, Ralph S., Marblehead Neck, Mass., assignor to Monsanto Chemical Company, St. Louis, Mo. Making pellets. 2,561,055, July 17.
Hood, Ralph S., Marblehead, Mass., assignor to Monsanto Chemical Company, St. Louis, Mo. Method and apparatus for applying liquids to textile fibers. 2,568,499, Sept. 18.
Hood, Richard P., London, and C. W. Gebhardt, Springfield, assignors to The Williams Company, London, Ohio. Steel wool pad. 2,572,150, Oct. 23.
Hood, Stewart, assignor to The Montreal Lithographing Company Limited, Montreal, Quebec, Canada. Bottle capsule. 2,562,423, July 31.
Hooe, Hunter E., assignor to The McBee Company, Athens, Ohio. Sorting device for punched cards. 2,569,170, Sept. 25.
Hoog, Han: *See*—
Engel, Willem F., and Hoog.
Houtman, Johannes P. W., Engel, Hoog, and van't Spijker.
Hoogendam, Adriaan M. I., The Hague, Netherlands, assignor to Shell Development Company, San Francisco, Calif. Rotating atomizing cup burner. 2,560,866, July 17.
Hoogerheide, Johannes C., Whitefish Bay Village, Wis., and E. G. Loughery, Omaha, Nebr., assignors to Pabst Brewing Company, Milwaukee, Wis. Biochemical production of enzymes. 2,549,465, Apr. 17.
Hooghkirk, Richard L., Chicago, Ill., assignor to Iron Fireman Manufacturing Company, Portland, Oreg. Heating system controlled by outside temperature. 2,570,810, Oct. 9.
Hook, David: *See*—
Mettrick, Arthur, and Hook.
Hook, Donald E.: *See*—
Barry, Arthur J., De Pree, and Hook.
Bary, Arthur J., Hook, and De Pree.
De Pree, Lee, Barry, and Hook.
Hook, Edwin O.: *See*—
Cook, Elmer W., Hook, and Kushner.
Hook, Edwin O., Old Greenwich, Conn., and P. H. Moss, Nederland, Tex., assignors to American Cyanamid Company, New York, N. Y. Triesters of dithiophosphoric acid. 2,565,920, Aug. 28.
Hook, Edwin O., Old Greenwich, Conn., and P. H. Moss, Austin, Tex., assignors to American Cyanamid Company, New York, N. Y. Condensation of o,o-diesters of dithiophosphoric acid and aliphatic alcohols or mercaptans with higher aliphatic aldehydes. 2,565,921, Aug. 28.
Hook, Edwin O., Old Greenwich, Conn., and P. H. Moss, Austin, Tex., assignors to American Cyanamid Company, New York, N. Y. S-amidomethylidene dithiophosphoric acid triesters. 2,566,129, Aug. 28.

Hook, Edwin O., Old Greenwich, Conn., and P. H. Moss, Austin, Tex., assignors to American Cyanamid Company, New York, N. Y. Dialkyldithiophosphatomethylureas. 2,566,288, Aug. 28.
Hook, Edwin O., Old Greenwich, Conn., and P. H. Moss, Seldovia, Alaska, assignors to American Cyanamid Company, New York, N. Y. Dialkyldithiophosphoric acid formaldehyde condensation products. 2,577,966, Dec. 11.
Hook, George C., Chicago, Ill., assignor to Continental Can Company, Inc., New York, N. Y. Corrosion inhibitor. 2,566,887, Sept. 4.
Hook, Leah V., Middletown, Ohio. Paintbrush press. 2,572,807, Oct. 23.
Hook, Russell P., assignor to Norton Company, Worcester, Mass. Cam grinding machine. 2,556,811, June 12.
Hook, Wilfred H.: *See*—
Davies, John S. H., and Hook.
Hooker, Donald E.: *See*—
Reynolds, Donald S., Hooker, and Voirol.
Hooker, Donald E., assignor to Lion Manufacturing Corporation, Chicago, Ill. Coil winding machine. 2,571,243, Oct. 16.
Hooker Electrochemical Company, assignee: *See*—
Gochenour, Carl I.
Maude, Aylmer H.
Osborne, Sidney G., and Mitchell.
Sonia, Joseph A.
Spence, Harry R., and Hooker.
Hooker, Frank M., Redmond, Oreg. Closure wrench having pivoted arm, slidably adjustable. 2,569,608, Oct. 2.
Hooker, Horace W.: *See*—
Spence, Harry R., and Hooker.
Hooker, Philip O.: *See*—
Norton, Calhoun, and Hooker.
Hooker, Stanley G., Skipton, E. A. Watson, and R. J. Ifield, assignors to Joseph Lucas Limited, Birmingham, England. Pump control means. 2,555,445, June 5.
Hook-Flex Corporation, assignee: *See*—
Markin, Louis.
Hooks, Nall T., assignor of fifty per cent to J. A. Burks, Hopkinsville, Ky. Paper and pencil clip. 2,549,200, Apr. 17.
Hookway, Harry T.: *See*—
Evans, Edward M., and Hookway.
Hoop, John G.: *See*—
Peck, Clarence E., and Hoop.
Hoop, John G., Meadville, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Bell furnace with internal fan. 2,558,088, June 26.
Hooper, Alfred, Hillcot, Pownal, Vt., assignor of thirty one-hundredths to C. B. Hamilton, Falls Church, Va. Educational device for teaching arithmetic. 2,564,976, Aug. 21.
Hooper, Gilman S.: *See*—
Bruson, Herman A., and Hooper.
Hooper, Gilman S., and G. A. McFarren, Bay Village, assignors to Industrial Rayon Corporation, Cleveland, Ohio. Spinning of acrylonitrile polymers. 2,570,237, Oct. 9.
Hooper, Harold I.: *See*—
Eddy, Charles M., and Hooper.
Hooper, William J., Elsah, Ill., assignor, by mesne assignments, to W. C. Huebner, New York, N. Y. Electrostatic printing method and apparatus. 2,558,900, July 3.
Hooper, William J., Elsah, Ill., assignor, by mesne assignments, to W. C. Huebner, New York, N. Y. Electric printing system. 2,558,901, July 3.
Hoopes, Penrose R., Philadelphia, Pa., assignor to Colgate-Palmolive-Peet Company, Jersey City, N. J. Process and apparatus for manufacturing inlaid soap and the like. 2,563,839, Aug. 14.
Hoos, Curtis G., Flushing, N. Y., assignor to Warner-Hudnut, Inc. Making lipsticks. 2,564,624, Aug. 14.
Hoosac Mills Corporation, assignee: *See*—
Hoeber, Harold.
Hoosier Crown Corporation, The, assignee: *See*—
Smith, Robert P., and James.
Hooton, Joseph H., Englewood, N. J., assignor to Richelieu Corporation, New York, N. Y. Exfoliating marine shell platelets. 2,554,364, May 22.
Hooton, Joseph H., Englewood, N. J., assignor to Richelieu Corporation, New York, N. Y. Removing backs from marine and fresh water shells. 2,578,356, Dec. 11.
Hooven, Frederick J., Dayton, Ohio. Electrical system. 2,555,491, June 5.
Hooven, Frederick J., Dayton, Ohio. Fulcrum type ignition contact breaker. 2,559,568, July 3.
Hoover, Bert, Oglesby, Tex. Fishing pole holder. 2,539,080, Jan. 23.
Hoover, Caroline E., trustee, assignee: *See*—
Brosseau, Joseph E.
Brosseau, Joseph E. and J. B.
Hoover, Charles D.: *See*—
Jauch, Robert J., and Hoover.
Hoover Company, The, assignee: *See*—
Acheson, Louis K.
Bell, William C., and Press.
Brace, George A.
Buss, John W.
Coons, Curtis C.
Gerber, Dale C.
Hoover Company, The, assignee: *See*—Continued.
Hoover, Herbert W.
Humphrey, Warren A.
Moyer, Joseph K.
Pearce, John W.
Segesman, Louis E.
Smellie, Donald G.
Snyder, Eugene L.
Sutton, Otis B.
Sutton, Otis B., and Coons.
Tamm, Emil S.
Vance, John E.
Weiland, Edward A.
White, Harry B.
Hoover, Dillon B., Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Direct-current generator. 2,579,579, Dec. 25.
Hoover, George W., and E. E. Easton, United States Navy. Flight instrument for aircraft. 2,569,473, Oct. 2.
Hoover, Herbert W., assignor to The Hoover Company, North Canton, Ohio. Hose support for suction cleaners. 2,570,346, Oct. 9.
Hoover, Joseph C., Detroit, Mich. Gauge. 2,580,227, Dec. 25.
Hoover, Merle V.: *See*—
Parker, William N., Hoover, and Vance.
Hoover, Paul L., Cleveland Heights, assignor, by mesne assignments, to J. A. Gleason, Cleveland, Ohio, as trustee. Inaudible control circuit for starting and stopping phonograph systems. 2,552,788, May 15.
Hoover, Samuel R.: *See*—
Naghski, Joseph, White, and Hoover.
Hoover, Smith W., Kalamazoo, Mich. Cherry pitter. 2,552,971, May 15.
Hooykaas, Johannes C., assignor to Fijn-Mechanische Industrie "Becker's Sons" N. V., The Hague, Netherlands. Back-pedalling braking hub. 2,565,819, Aug. 28.
Hooykaas, Johannes C., assignor to Fijn-Mechanische Industrie "Becker's Sons" N. V., The Hague, Netherlands. Back-pedaling braking hub. 2,569,718, Oct. 2.
Hope, Samuel N.: *See*—
Cofrin, Austin E., and Hope.
Hope, Samuel N., Wauwatosa, assignor to Griffith-Hope Company, West Allis, Wis. Paper roll holder. 2,555,885, June 5.
Hopfeld, Fred P.: *See*—
Sasgen, Anthony M., and Hopfeld.
Hopffgarten, John H., Boise, Idaho. Radio phonograph attachment. 2,548,372, Apr. 10.
Hopfinger, Kurt B., Hampton-in-Arden, assignor to Weathershields Limited, Birmingham, England. Ventilation of vehicles. 2,550,353, Apr. 24.
Hopgood, Robert B.: *See*—
Thompson, William G., and Hopgood.
Hopgood, Robert B., Cheshire, assignor to The Eyelet Specialty Company, Waterbury, Conn. Cosmetic container or the like. 2,545,848, Mar. 20.
Hopgood, Robert B., Cheshire, assignor to The Eyelet Specialty Company, Waterbury, Conn. Cosmetic container or the like. 2,545,849, Mar. 20.
Hopkes, Henry, Jr., Grosse Pointe Farms, assignor to No-Sag Spring Company, Detroit, Mich. Spring construction. 2,551,800, May 8.
Hopkins, Carl C.: *See*—
Dressler, Philip D., and Hopkins.
Hopkins, Earl V., San Leandro, Calif. Folding refrigerator car door. 2,565,728, Aug. 28.
Hopkins, Edward G., assignor to Amalgamated Wireless (Australasia) Limited, Sydney, New South Wales, Australia. Modulation. 2,545,955, Mar. 20.
Hopkins, Edward W., Longmeadow, Mass. Securing means. 2,568,735, Sept. 25.
Hopkins, Ellis W., McDonald, Kans. Weather strip. 2,555,192, May 29.
Hopkins, Ervin W.: *See*—
Coleman, Harold M., Steffen, and Hopkins.
McCloskey, Arthur P., and Hopkins.
Hopkins, George W., San Leandro, Calif., assignor to Friden Calculating Machine Co., Inc. Key-responsive cycle initiating means. 2,552,789, May 15.
Hopkins, George W., San Leandro, Calif., assignor to Friden Calculating Machine Co., Inc. Keyboard sealing means. 2,559,820, July 10.
Hopkins, George W., San Leandro, and J. L. Moody, Oakland, Calif., assignors to Friden Calculating Machine Co., Inc. Automatic stop for calculating machines. 2,580,298, Dec. 25.
Hopkins, Harold H., assignor to W. Watson & Sons Limited, London, England. Variable magnification optical system. 2,566,889, Sept. 4.
Hopkins, Harris F., Chatham, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Diaphragm for electroacoustic transducers. 2,549,091, Apr. 17.
Hopkins, Harris F., Chatham, and R. E. Prescott, Murray Hill, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electrodynamic transducer and connector therefor. 2,538,621, Jan. 16.
Hopkins, James E. A., C. E. Frick, and P. Van Cleef, assignors to Van Cleef Bros. Inc., Chicago, Ill. Adhesive tapes and sheets. 2,555,745, June 5.
Hopkins, John E., Sedgwick, Kans. Safety hitch for tractors. 2,550,812, May 1.

Hopkins, John E., Sedgwick, Kans. Safety type coupling apparatus for tractors. 2,550,813, May 1.
Hopkins, Lionel P.: *See*—
Stearn, Franklin A., and Hopkins.
Hopkins Machine Corporation, assignee: *See*—
Hopkins, Marion D., and Johnson.
Hopkins, Marion D., River Forest, and A. Johnson, Elmwood Park, Ill., assignors to Hopkins Machine Corporation. Rotary disk hopper feed for cylindrical articles. 2,571,576, Oct. 16.
Hopkins, Robert C., Alliance, Ohio. Vertical acid sludge mill. 2,540,883, Feb. 6.
Hopkins, Robert C., Alliance, Ohio. Internal thrust bearing assembly for oil mills lubricated by the material processed. 2,548,792, Apr. 10.
Hopkins, Robert C., Alliance, Ohio. Portable picking machine. 2,548,793, Apr. 10.
Hopkins, Robert C., Alliance, Ohio. Combination burner equipment for rotary driers. 2,562,460, July 31.
Hopkins, Stanley: *See*—
Evans, Arthur F., and Hopkins.
Hopkins, William A., United States Navy. Automatic type fusing valve. 2,562,190, July 31.
Hopkins, William A., Columbus, Ohio, and H. W. Gilbert, Bethesda, Md. Radiation detection instrument. 2,578,703, Dec. 18.
Hopkinson, Thomas W., Alexandria, Va. Pulse duration selector. 2,540,115, Feb. 6.
Hopp, Harold P., Englewood, N. J., and A. E. Kunzelman, White Plains, assignors to Longines-Wittnauer Watch Co. Inc., New York, N. Y. Jewelry storage and display case. 2,575,016, Nov. 13.
Hopp, Leo: *See*—
Hopp, Philip and L.
Hopp, Philip and L., assignors to H. H. Gold, New York, and H. H. Caplan, Flushing, N. Y. Exhibitor member. 2,549,467, Apr. 17.
Hoppe, Boris, Kew Gardens, N. Y. Vertically adjustable table construction. 2,544,228, Mar. 6.
Hoppe, Boris, Kew Gardens, N. Y. Vertically adjustable table construction. 2,544,229, Mar. 6.
Hoppe, Boris, Kew Gardens, N. Y. Storing and serving device by means of which food may be warmed and/or cooked. 2,572,151, Oct. 23.
Hoppe, Boris, Kew Gardens, N. Y. Drop leaf table with leg control linkage. 2,579,076, Dec. 18.
Hoppe, James O.: *See*—
Tullar, Benjamin F., and Hoppe.
Hoppe, Leo, Chicago, Ill. Miter gauge. 2,545,580, Mar. 20.
Hoppe, Otto F., New York, N. Y. Magnetically supported indicating bore gauge. 2,542,030, Feb. 20.
Hoppe, Robert C.: *See*—
Ensign, George G., Hoppe, and Soper.
Hoppe, William, Longmeadow, assignor to National Bread Wrapping Machine Co., East Longmeadow, Mass. Label severing and applying machine. 2,569,101, Sept. 25.
Hoppe, William H., Bremerton, Wash. Child's building block. 2,554,704, May 29.
Hoppenstand, David, Pittsburgh, Pa. Boat structure. 2,572,623, Oct. 23.
Hopper, Anna L., assignee: *See*—
Hopper, Pressley E.
Hopper, Cecil M., Ithaca, and R. B. Richards, Watkins Glen, N. Y., assignors to International Salt Company, Scranton, Pa. Method and apparatus for refining salt or other soluble substances. 2,555,340, June 5.
Hopper, Clarence M., Columbus, Ind. Back support. 2,551,741, May 8.
Hopper, Clyde R.: *See*—
Parker, Leo, and Hopper.
Hopper, Pressley E., assignor of twenty-six per cent to A. L. Hopper, Dallas, Tex. Cotton gin rib. 2,562,424, July 31.
Hopper, Samuel E., Crafton, Pa. Adjustable guide arm. 2,579,923, Dec. 25.
Hoppes, Carl, assignor to The Faultless Rubber Company, Ashland, Ohio. Stopper. 2,560,867, July 17.
Hopps, Lewis: *See*—
Smith, Philip A., and Hopps.
Hopps, Lewis, Darien, Conn., assignor to The Indiana Steel Products Company, Chicago, Ill. Applicator for ion traps. 2,549,602, Apr. 17.
Hopwood, John M., Mt. Lebanon, Pa., assignor to Hagan Corporation. Spray nozzle. 2,569,992, Oct. 2.
Hopwood, Mortimer L.: *See*—
Pijoan, Michel, Englert, Gerjovich, and Hopwood.
Hora, Josef, Melide, Tessin, Switzerland. Button and loop sock suspender. 2,569,931, Oct. 2.
Horan, Maurice K., assignee: *See*—
Cade, John W.
Horan, Timothy F., deceased, New Haven, Conn.; F. S. Bergin, administrator of said T. F. Horan, assignor to The Horle Arms Company, Deep River, Conn. Repeating firearm. 2,565,688, Aug. 28.
Horback, William: *See*—
Van Gorder, Norman, Horback, and Caprio.
Horback, William B., Irvington, N. J., assignor to Celanese Corporation of America. Stabilized cellulose ethers. 2,541,252, Feb. 13.
Horback, William B., Irvington, and W. D. Paist, Orange, N. J., assignors to Celanese Corporation of America. Coating and coating compositions. 2,561,513, July 24.
Horberg, William, Bridgeport, Conn. Centerless grinding without propping of work by abrading surface. 2,544,318, Mar. 6.
Horch, Konrad, Maspeth, N. Y. Casing or cover for a handle or the like. 2,548,215, Apr. 10.
Hord, Joseph B., Maxton, N. C. Drain opener. 2,548,023, Apr. 10.
Hordes, Irving, Yonkers, N. Y. Apparatus for casting dental restorations. 2,543,110, Feb. 27.
Hordes, Irving, Yonkers, N. Y. Apparatus for casting dental restorations. 2,576,224, Nov. 27.
Horeau, Alain, Sceaux, and J. Jacques, Paris, France. Preparing artificial oestrogenic compounds and products obtained thereby. 2,547,123, Apr. 3.
Horelick, Samuel and R. C. Sefton, assignors to Pennsylvania Transformer Company, Pittsburgh, Pa. Cover and seal construction for transformer tanks or the like. 2,544,789, Mar. 13.
Horgan, William F., New Malden, England. Operating control elements, such as electric switches, in a selected manner. 2,544,089, Mar. 6.
Horgan, William F., New Malden, England. Time switch. 2,579,260, Dec. 18.
Horgen, Helge B., Lyon, France, assignor of nine-tenths to R. P. Pescara, Lisbon, Portugal, and one-tenth to Societe d'Etudes et de Participations, Eau, Gaz, Electricite, Energie S. A., Geneva, Switzerland. Free piston machine. 2,543,851, Mar. 6.
Horlacher, Albert F., Palatine, assignor to C. P. Clare & Company, Chicago, Ill. Rotary step switch. 2,559,075, July 3.
Horlacher, Elmer L., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus support. 2,536,811, Jan. 2.
Horlacher, Heinrich, Lutzenberg, Switzerland. Splayfoot bandage. 2,572,152, Oct. 23.
Horle Arms Company, The, assignee: *See*—
Horan, Timothy F.
Hormann, Frank R., Brooklyn, N. Y., assignor to Scovill Manufacturing Company, Waterbury, Conn. Device for controlling time duration for operation of a valve. 2,557,287, June 19.
Hormel, Geo. A., & Company, assignee: *See*—
Naidu, Pagadam N. E., and Murphy.
Horn Brothers, assignee: *See*—
Horn, Walter J.
Horn, Chris A., Minneapolis, Minn. Bearing mounting for rotary tool units. 2,569,313, Sept. 25.
Horn, Harry J., assignor to Motor Wheel Corporation, Lansing, Mich. Vehicle wheel. 2,546,508, Mar. 27.
Horn, Harry J., assignor to Motor Wheel Corporation, Lansing, Mich. Stamped metal vehicle wheel. 2,548,107, Apr. 10.
Horn, Harry J., assignor to Motor Wheel Corporation, Lansing, Mich. Vehicle wheel cover. 2,551,327, May 1.
Horn, Harry J., assignor to Motor Wheel Corporation, Lansing, Mich. Brake drum. 2,558,296, June 26.
Horn, Harry J., assignor to Motor Wheel Corporation, Lansing, Mich. Brake drum. 2,558,297, June 26.
Horn, Harry J., assignor to Motor Wheel Corporation, Lansing, Mich. Hubcap. 2,576,683, Nov. 27.
Horn, Harry L., Dallas, Tex. Lubricating mechanism for strip casting machines. 2,540,523, Feb. 6.
Horn, Henry S., South Orange, assigner to W. C. Horn Bros. & Co., Newark, N. J. Temporary binder. 2,560,110, July 10.
Horn, Joseph A., Buffalo, N. Y. Axially slidable and axially discharging outlet element operated by pressure of contents. 2,555,490, June 5.
Horn, Roy A.: *See*—
Ronicker, Harry, and Horn.
Horn, Thurman W., Anniston, Ala. Oil testing chart and holder therefor. 2,579,824, Dec. 25.
Horn, W. C., Bros. & Co., assignee: *See*—
Horn, Henry S.
Horn, Walter J., assignor to Horn Brothers, Fort Dodge, Iowa. Aligning means for folding partitions. 2,572,153, Oct. 23.
Horn, William D., and J. R. Ragazzini, New York, N. Y.; said Ragazzini assignor to said Horn. Automatic radio listener survey system. 2,558,754, July 3.
Hornaday, William H. D., Los Angeles, Calif. Disposable cleaner device. 2,560,649, July 17.
Hornbacher, Herbert G.: *See*—
Coulter, Kenneth E., and Hornbacher.
Hornbostel, Dorothy R., assignee: *See*—
Hornbostel, Lloyd.
Hornbostel, John, Essex Falls, assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Acoustically filtered phonographic reproducer. 2,541,163, Feb. 13.
Hornbostel, Lloyd, assignor to Beloit Iron Works, Beloit, Wis. Flow distributor. 2,548,108, Apr. 10.
Hornbostel, Lloyd, assignor to D. R. Hornbostel, Beloit, Wis. Color spinner toy. 2,557,348, June 19.
Hornbostel, Lloyd, assignor to Beloit Iron Works, Beloit, Wis. Diaphragm construction. 2,564,693, Aug. 21.
Hornbostel, Lloyd, assignor to Beloit Iron Works, Beloit, Wis. Rectifier roll. 2,566,449, Sept. 4.
Hornbostel, Lloyd, assignor to Beloit Iron Works, Beloit, Wis. Flow evener. 2,566,450, Sept. 4.
Hornbostel, Lloyd, assignor to Beloit Iron Works, Beloit, Wis. Diaphragm unit. 2,567,151, Sept. 4.
Hornbostel, Lloyd, assignor to Beloit Iron Works, Beloit, Wis. Suction roll seal assembly. 2,578,551, Dec. 11

Hornbostel, Lloyd, assignor to Beloit Iron Works, Beloit, Wis. Drier section for paper machines. 2,578,552, Dec. 11.
Horne, Donald, R. P. Marshall, and H. F. Bondy, Chesterfield, assignors to Low Temperature Carbonisation Limited, London, England. Recovery of tar acids from coal oils or tars. 2,550,814, May 1.
Horne, Edmund D., Enfield, Nova Scotia, Canada. Circumferentially traveling type frame mounted tire remover. 2,577,684, Dec. 4.
Horne, Floyd: *See*—
Brown, Charlie M., and Horne.
Horne, James H., Evans, Ga. Combination tappet wrench and feeler gauge. 2,578,975, Dec. 18.
Horne, Olaf, Birmingham, assignor to Chrysler Corporation, Highland Park, Mich. Vehicle control. 2,537,222, Jan. 9.
Horne, William A.: *See*—
Gilbert, William I., and Horne.
Horne, William O.: *See*—
Green, Fred, and Horne.
Horne, William R., Los Angeles, Calif. Animal trap. 2,560,442, July 10.
Horner, George W., and W. R. Robertson, Sr., Idaho Springs, Colo. Antiskid device for vehicle tires. 2,547,007, Apr. 3.
Horner, Glenn R., Columbus, Ohio. Gearless clock. 2,555,408, June 5.
Horner, Harold R., and R. J. Hennessy, assignors to Reilly Tar and Chemical Corporation, Indianapolis, Ind. Coking retort. 2,537,670, Jan. 9.
Horner, Kenneth K., Chicago, and L. W. Hiltman, Palos Heights, Ill., assignors, by mesne assignments, to International Furniture Company. Seat structure with removable back. 2,575,221, Nov. 13.
Horner, Reginald G., assignor to Ilford Limited, Ilford, England. Photographic color film. 2,566,664, Sept. 4.
Hornfeck, Anthony J.: *See*—
Hoffman, Howard T., and Hornfeck.
Rutherford, Victor S., and Hornfeck.
Hornfeck, Anthony J., Cleveland Heights, Ohio, assignor to Bailey Meter Company. Control system. 2,557,224, June 19.
Hornfeck, Anthony J., Cleveland Heights, Ohio, assignor to Bailey Meter Company. Electric motor control system. 2,557,824, June 19.
Hornfeck, Anthony J., Lyndhurst, Ohio, assignor to Bailey Meter Company. Measuring and controlling system. 2,544,790, Mar. 13.
Hornfeck, Anthony J., Lyndhurst, Ohio, assignor to Bailey Meter Company. Electric telemetering control circuits. 2,557,742, June 19.
Hornfeck, Anthony J., Lyndhurst, Ohio, assignor to Bailey Meter Company. Saturable reactor phase shifter. 2,559,158, July 3.
Hornfeck, Anthony J., Lyndhurst, Ohio, assignor to Bailey Meter Company. Electromagnetic motion responsive device. 2,564,221, Aug. 14.
Hornfeck, Anthony J., Lyndhurst, Ohio, assignor to Bailey Meter Company. Telemetric system. 2,572,481, Oct. 23.
Hornfeck, Anthony J., Lyndhurst, Ohio, assignor to Bailey Meter Company. Speed measuring mechanism. 2,575,494, Nov. 20.
Hornibrook, Walter J.: *See*—
Morehouse, Fred R., and Hornibrook.
Hornig, Arno, Pawtucket, R. I., assignor to Excelsior Loom Reed Works, Inc. Loom reed. 2,544,882, Mar. 13.
Hornik, Joseph, Sr., assignor to Badger Wire & Iron Works, Inc., Milwaukee, Wis. Automatic templet and jig. 2,570,950, Oct. 9.
Horning, Harold R., Columbus, Ohio. Heater. 2,553,091, May 15.
Hornstein, Irwin: *See*—
Walter, George E., and Hornstein.
Walter, George E., Hornstein, and Steinberg.
Horowitch, Maurice, assignee: *See*—
Slater, Gilbert.
Horowitz, Alexandre: *See*—
Bourgonjon, Louis R., Horowitz, Kleis, Slooff, van Tol, and Unk.
Repko, Jan D., and Horowitz.
Horowitz, Alexandre, and M. Kooy, Eindhoven, Netherlands, assignors to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Piston engine. 2,547,163, Apr. 3.
Horowitz, Alexandre, and G. Rathenau, Eindhoven, Netherlands, assignors to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Lubrication of the cylinders of piston engines. 2,564,109, Aug. 14.
Horowitz, Alexandre, and C. H. Buitenhuis, Eindhoven, Netherlands, assignors to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Hot-gas piston engine comprising one or more closed cycles. 2,564,363, Aug. 14.
Horowitz, Harold, assignee: *See*—
Slater, Gilbert.
Unk, Jacob M., and Horowitz.
Horowitz, Harry, Brooklyn, N. Y. Pencil sharpener. 2,544,319, Mar. 6.
Horowitz, Robert M.: *See*—
Morris, Rupert C., Snider, and Horowitz.
Horowitz, Ruth G., Detroit, Mich. Hair puffing comb device. 2,568,890, Sept. 25.
Horsák, Drahomír, Brunn, Czechoslovakia. Production of synthetic material from starch or starch containing substances. 2,570,449, Oct. 9.
Horsey, Eleanor F., and D. Price, assignors to Hercules Powder Company, Wilmington, Del. Sizing of pulp with rosin and carboxymethylcellulose. 2,572,932, Oct. 30.
Horsfall, James, New York, R. M. Felsenthal, New Rochelle, and A. J. Bowden, assignors to Exmet Electrical Corporation, New York, N. Y. Panel construction and forming the same. 2,543,970, Mar. 6.
Horsky, Milo, and R. W. Mandl, Long Island City, N. Y. Drill. 2,555,746, June 5.
Horsley, Caperton B., Westwood, and G. C. Seavey, Arlington, assignors to Sonic Research Corporation, Boston, Mass. Sonic generator. 2,552,970, May 15.
Horsley, Caperton B., Westwood, and G. C. Seavey, Arlington, assignors to Sonic Research Corporation, Boston, Mass. Geoacoustic apparatus for underground exploration. 2,558,089, June 26.
Horsley, Caperton B., Stamford, Conn., and H. W. Danser, Jr., Belmont, assignors to Ultrasonic Corporation, Cambridge, Mass. Sonic spray drying. 2,576,297, Nov. 27.
Horst, E. Clemens Company, assignee: *See*—
Miller, George E.
Horst, Walter F., Lubeck, Schleswig-Holstein, Germany. Graining machine for zinc offset-printing plates. 2,576,088, Nov. 27.
Horstman, Clifford C., Sharpsville, and F. J. Nagel, Emlenton, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Insulating compositions for laminations and product produced therewith. 2,554,250, May 22.
Horstman, Clifford C., Sharpsville, C. E. Burkhardt, and B. B. Ellis, Sharon, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Three-phase core. 2,579,578, Dec. 25.
Horstmann, Bevan G., Marksbury, near Bristol, England. Hand perforating or like tool primarily for puncturing cattle ears. 2,555,133, May 29.
Horstmann Clifford Magnetics Ltd., assignee: *See*—
Clifford, Cecil F.
Horstmann, Frederick G., deceased, Guildford, England; K. M. E. Q. Horstmann and H. H. Norris, executors. Bracket. 2,548,476, Apr. 10.
Horstmann, Kathleen M. E. Q., executrix: *See*—
Horstmann, Frederick G.
Horstmann, Sidney A., Bath, England. Electrically driven hair clipper and the like. 2,579,924, Dec. 25.
Horth, Walter, Wilmette, assignor, by mesne assignments, to Herbert S. Simpson, Evanston, Ill., as trustee. Mulling material. 2,549,603, Apr. 17.
Horth, Walter, Wilmette, assignor, by mesne assignments, to H. S. Simpson, Evanston, Ill., as trustee. Reclaiming sand. 2,553,318, May 15.
Horth, Walter, Wilmette, assignor, by mesne assignments, to H. S. Simpson, as trustee, Evanston, Ill. Mixer. 2,576,180, Nov. 27.
Horton, E., & Son Company, The, assignee: *See*—
Huntting, Donald B.
Horton, Erwin C.: *See*—
Rappl, Anton, and Horton.
Horton, Erwin C., Hamburg, assignor to Trico Products Corporation, Buffalo, N. Y. Motor vehicle accessory system. 2,537,271, Jan. 9.
Horton, Erwin C., Hamburg, assignor to Trico Products Corporation, Buffalo, N. Y. Flushable nozzle. 2,538,905, Jan. 23.
Horton, Erwin C., Hamburg, assignor to Trico Products Corporation, Buffalo, N. Y. Filter for air motors. 2,542,198, Feb. 20.
Horton, Erwin C., Hamburg, assignor to Trico Products Corporation, Buffalo, N. Y. Windshield washer. 2,572,264, Oct. 23.
Horton, Erwin C., Hamburg, and E. V. Schaal, East Aurora, assignors to Trico Products Corporation, Buffalo, N. Y. Shaft mounting for fluid motors. 2,572,727, Oct. 23.
Horton, Erwin C., Hamburg, assignor to Trico Products Corporation, Buffalo, N. Y. Throttle control for motor vehicle engines. 2,575,384, Nov. 20.
Horton, Erwin C., Hamburg, assignor to Trico Products Corporation, Buffalo, N. Y. Windshield wiper. 2,577,125, Dec. 4.
Horton, John E., Los Angeles, Calif. Resilient strip jar cap wrench. 2,554,410, May 22.
Horton Manufacturing Company, assignee: *See*—
Bradley, William H.
Brotman, Hyman D.
Wubbe, Leo J.
Horton, Mason E.: *See*—
Clark, James L., and Horton.
Horton, Ralph, Groton, Conn., assignor to National Dairy Products Corporation, New York, N. Y. Making ice cream. 2,571,136, Oct. 16.
Horton, Roger F., Hempstead, N. Y., assignor, by mesne assignments, to United Aircraft Corporation, East Hartford, Conn. Hydraulic pump. 2,547,645, Apr. 3.
Horton, Roger F., Hempstead, N. Y., assignor, by mesne assignments to United Aircraft Corporation, East Hartford, Conn. Stroke control means for hydraulic pumps and motors. 2,566,418, Sept. 4.

Horton, William B., Groton, assignor to H. E. Fletcher Company, West Chelmsford, Mass. Hinged sheave construction. 2,577,523, Dec. 4.
Horton, William G., London, England. Display holder. 2,551,539, May 1.
Horton, William H., assignee: *See*—
Killingsworth, Samuel J.
Horton, William M., Palo Alto, Calif. Oil seal. 2,542,141, Feb. 20.
Horton, Winthrop S., assignor to The Studebaker Corporation, South Bend, Ind. Overrunning clutch. 2,551,000, May 1.
Hortze, Abram, assignee: *See*—
Benner, Carroll J.
Horvath, Alexander, Chicago, Ill. Device for stretching and/or forming the rims of spectacles. 2,552,043, May 8.
Horvath, Alexander, Clifton, N. J., assignor, by mesne assignments, to International Standard Electric Corporation, New York, N. Y. Crystal mixer for multiplex broadcasting. 2,567,208, Sept. 11.
Horvath, John F.: *See*—
Chamberlin, John W., and Horvath.
Horvath, John F., assignor to Appliance Corporation of America, Milwaukee, Wis. Laundry machine casing. 2,540,884, Feb. 6.
Horvath, John F., assignor to Appliance Corporation of America, Milwaukee, Wis. Clothes-washing machine having a rockable tub. 2,542,528, Feb. 20.
Horvath, John F., assignor to Appliance Corporation of America, Milwaukee, Wis. Closure. 2,561,118, July 17.
Horvath, John F., assignor to Appliance Corporation of America, Milwaukee, Wis. Automatic laundry machine of the squeezer type. 2,561,119, July 17.
Horvath, John F., assignor to Appliance Corporation of America, Milwaukee, Wis. Laundry machine construction including a diaphragm extractor. 2,561,120, July 17.
Horwitz, Henry L., Jamaica, assignor to Federal Telephone and Radio Corporation, New York, N. Y. Metering circuit control for automatic telephone systems. 2,543,022, Feb. 27.
Horwitz, Henry L., Jamaica, assignor to Federal Telephone and Radio Corporation, New York, N. Y. Metering arrangement for telephone systems. 2,566,330, Sept. 4.
Horwitz, Henry L., Jamaica, assignor to Federal Telephone and Radio Corporation, New York, N. Y. Telephone metering system. 2,567,209, Sept. 11.
Horwitz, Henry L., Jamaica, assignor to Federal Telephone and Radio Corporation, New York, N. Y. Metering arrangement for telephone systems. 2,570,238, Oct. 9.
Horwitz, Henry L., Rutherford, N. J., assignor to Federal Telephone and Radio Corporation, New York, N. Y. Time zone telephone metering system. 2,570,239, Oct. 9.
Horwitz, Henry L., Jamaica, assignor to Federal Telephone and Radio Corporation, New York, N. Y. Relay set-subscriber's lockout circuit. 2,572,027, Oct. 23.
Hose Accessories Company, assignee: *See*—
Bohlen, Charles I.
Hose, Charles E., assignee: *See*—
Gearhart, Roy E.
Hosea, Everett E., assignor to Kaukauna Machine Corporation, Kaukauna, Wis. Work supporting table for machine tools. 2,536,937, Jan. 2.
Hosemann, John H., assignor of fifty per cent to Marvin Schuster, Fort Worth, Tex. Deflection type vacuum tube. 2,539,250, Jan. 23.
Hosfield, Lee C., Bennington, Vt., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Heat sealed ruffled article. 2,555,409, June 5.
Hosford, Clarence X., Red Oak, Tex. Incidence angle adjustment for aircraft wings. 2,541,922, Feb. 13.
Hosford, Clarence X., Red Oak, Tex. Weeding and cultivating attachment for tractors. 2,560,443, July 10.
Hosford, Leo W., San Francisco, Calif. Combined fluid mixing and dispensing device. 2,545,812, Mar. 20.
Hosford, Otto E., assignor to The Garlock Packing Company, Palmyra, N. Y. Sealing device having interbonded rigid and flexible molded portions. 2,538,198, Jan. 16.
Hosier Cardinal Corporation, assignee: *See*—
Bauer, Charles A., and Kothe.
Hosinski, John L., Detroit, Mich. Radius and tangent dresser for abrasive wheels. 2,554,530, May 29.
Hosking, Charles W.: *See*—
Fuehrer, George H., and Hosking.
Hosking, Lola C., executrix: *See*—
Hosking, Richard T.
Hosking, Richard T., deceased, by L. C. Hosking, executrix, Wilmette, assignor to H. R. Hough Company, Chicago, Ill. Lock washer. 2,557,288, June 19.
Hosking, Thomas W., Detroit, Mich., assignor to United-Carr Fastener Corporation, Cambridge, Mass. Spring stud fastener. 2,571,364, Oct. 16.
Hoskings, Alice P., San Diego, Calif. Electrically heated clothes drier. 2,567,434, Sept. 11.
Hoskins, Everett L., Flushing, N. Y., assignor to Sterling Drug Inc., Wilmington, Del. Hypodermic syringe. 2,542,814, Feb. 20.
Hosmer, A. J., Corporation, assignee: *See*—
Lambert, John H.
Hosmer, Chester C.: *See*—
Launder, Ernie L., and Hosmer.
Hosmer, Robert S., Birmingham, Ala. Ingot mold. 2,556,035, June 5.
Hossac Mills Corporation, assignee: *See*—
Hoeber, Harold.
Hossenlopp, Arthur M.: *See*—
Crowley, Henry L., and Hossenlopp.
Hostetter, Morgan D., El Monte, Calif. Detachable locking means for an excavating bucket tooth. 2,576,225, Nov. 27.
Hotchkiss Company, The, assignee: *See*—
Peterson, Roy E.
Hotchkiss, E. H., Company, The, assignee: *See*—
Peterson, Roy E.
Hotine, William: *See*—
Hataway, Jarrett L., and Hotine.
Hotine, William, Great Neck, N. Y. Screw-thread and nut assembly. 2,567,483, Sept. 11.
Hotine, William, Great Neck, N. Y., assignor to Radio Corporation of America. Radio-frequency distribution system. 2,571,137, Oct. 16.
Hotpoint Inc., assignee: *See*—
Berg, Leo F.
Berg, Ralph L.
Kirk, Francis E.
Low, Frank D.
McDowell, Walter R.
Michaelis, Harold A., and Swanson.
Oakley, Sterling A.
Schulze, Herman W.
Schulze, Herman W., and Wilhelm.
Sutton, Robert J.
Vogel, Oliver G., and Kirk.
Hotson, Dale V.: *See*—
Sikorra, Daniel J., and Hotson.
Hötte, Edmund, Amsterdam, Netherlands. Manually manipulatable game board apparatus. 2,563,334, Aug. 7.
Hottel, Hoyt C., Winchester, and G. C. Williams, Watertown, Mass., assignors, by mesne assignments, to Research Corporation, New York, N. Y. Combustion chamber with conical air diffuser. 2,565,308, Aug. 21.
Hotten, Bruce W., Richmond, assignor to California Research Corporation, San Francisco, Calif. High melting-high water-resistant grease. 2,577,706, Dec. 4.
Hottenroth, Frederick W., assignor to Penn Electric Switch Co., Goshen, Ind. Three-way solenoid valve. 2,570,450, Oct. 9.
Hottenroth, Frederick W., assignor to Penn Electric Switch Co., Goshen, Ind. Liquid level control system. 2,570,451, Oct. 9.
Hotvedt, Richard D., Minneapolis, Minn. Coffee-making apparatus. 2,544,836, Mar. 13.
Hotz, Fred T., S. Sadlon, and E. M. Brown, assignors to John Oster Manufacturing Company, Racine, Wis. Hair clipper. 2,542,333, Feb. 20.
Hotz, Harry E., and R. B. Gelbard, Columbus, Ohio, assignors to Curtiss-Wright Corporation. Aircraft engine cooling system. 2,548,794, Apr. 10.
Hotze, Charles W., Wilmette, Ill. Lighter construction. 2,557,825, June 19.
Houdaille-Hershey Corporation, assignee: *See*—
Browne, William H.
Desmond, Charles F.
Devor, Don S.
Hufferd, George H.
Jandus, Herbert S.
Jandus, Herbert S., and Banta.
Sandberg, Ray A.
Sandberg, Ray A., and Van Sickel.
Schatzman, George W.
Sebok, Frank.
Sebok, Joseph B.
Houdek, Joseph F., Jr.: *See*—
Augustine, Roy W., and Houdek.
Houdek, Joseph F., Jr., assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Telephone set hookswitch apparatus. 2,548,723, Apr. 10.
Houdry, Eugene J., Ardmore, Pa. Preventing detonation in internal-combustion engines and means adapted to practice said process. 2,552,555, May 15.
Houdry, Eugene J., Ardmore, Pa., assignor to Houdry Process Corporation, Wilmington, Del. Reforming of hydrocarbons with dehydrogenation catalysts. 2,578,704, Dec. 18.
Houdry Process Corporation, assignee: *See*—
Ardern, David B.
Barker, John W.
Bond, George R., Jr.
Daugherty, James P.
Evans, James E.
Evans, James E., and Shirk.
Fontana, Frank J.
Grosse, Aristid V.
Groose, Aristid V., and Snyder.
Harkness, Roy W.
Hoge, Albert W.
Houdry, Eugene J.
Kelly, Louis J.
Kirkbride, Chalmer G.
Kollgaard, Reyner.
Lassiat, Raymond C.
Lassiat, Raymond C., and Evans.
Lassiat, Raymond C., Kelso, and Evans.
Lassiat, Raymond C., and Savage.
McKinney, Dwight D.

Houdry Process Corporation, assignee: *See*—Continued.
McNamara, Francis J.
Milligan, Winfred O.
Mills, George A.
Newton, Roger H.
Peavy, Claude C.
Savage, Reuben T.
Shabaker, Hubert A.
Shimp, Hans G.
Hough, Cass S., R. O. Wesley, C. R. Scalingi, and L. B. Gaeke, assignors to Daisy Manufacturing Company, Plymouth, Mich. Container and dispenser for strip material. 2,574,565, Nov. 13.
Hough, Clinton W., Pasadena, Calif. Stereoscopic apparatus. 2,545,465, Mar. 20.
Hough, George H.: *See*—
Reeves, Alec H., and Hough.
Hough, George H., London, England, assignor to International Standard Electric Corporation, New York, N. Y. Electric pulse generator. 2,547,008, Apr. 3.
Hough, George H., London, England, assignor to International Standard Electric Corporation, New York, N. Y. Electric discharge tube. 2,553,585, May 22.
Hough, George H., and T. M. Jackson, London, England, assignors to International Standard Electric Corporation, New York, N. Y. Time modulator for electric pulses. 2,543,023, Feb. 27.
Hough, H. R., Company, assignee: *See*—
Hosking, Richard T.
Houghtaling, Lester R.: *See*—
Scholfield, Richard P., and Houghtaling.
Houghton, Daniel E., Washington, D. C., assignor, by mesne assignments, to New York Wire Cloth Company, York, Pa. Shuttle drive for looms. 2,552,717, May 15.
Houghton, Daniel E., Washington, D. C., assignor, by mesne assignments, to New York Wire Cloth Company, York, Pa. Selvage loop forming device. 2,576,789, Nov. 27.
Houghton, E. F., and Company, assignee: *See*—
Hedrick, Glen W.
Houghton, Frank W., Detroit, Mich. Code alarm signal transmitting system. 2,538,968, Jan. 23.
Houghton, Howard D.: *See*—
Woolsey, Theodore A., and Houghton.
Houghton, Howard D., West Los Angeles, and T. A. Woolsey, Pasadena, assignors to Marman Products Company, Inc., Inglewood, Calif. Quick-acting clamp. 2,546,098, Mar. 20.
Houghton, Howard D., Los Angeles, and T. A. Woolsey, Pasadena, Calif., assignors to Marman Products Co., Inc. Ventilated band clamp. 2,548,216, Apr. 10.
Houghton, Leslie W.: *See*—
Chatterjea, Prafulla K., and Houghton.
Houghton, Rowell S., Portland, Oreg. Glider tail jack handle. 2,570,240, Oct. 9.
Houghton, William D., Port Jefferson, N. Y., assignor to Radio Corporation of America. Synchronizing system. 2,540,167, Feb. 6.
Houghton, William D., Port Jefferson, N. Y., assignor to Radio Corporation of America. Electrical counter circuit. 2,540,524, Feb. 6.
Houghton, William D., Port Jefferson, N. Y., assignor to Radio Corporation of America. Multiplex system. 2,543,737, Feb. 27.
Houghton, William D., Port Jefferson, N. Y., assignor to Radio Corporation of America. Time division pulse multiplex system. 2,543,738, Feb. 27.
Houghton, William D., Port Jefferson, N. Y., assignor to Radio Corporation of America. Pulse multiplex system. 2,548,795, Apr. 10.
Houghton, William D., Port Jefferson, N. Y., assignor to Radio Corporation of America. Double polarity pulse generator system. 2,548,796, Apr. 10.
Houghton, William D., Port Jefferson, N. Y., assignor to Radio Corporation of America. Electronic switch. 2,556,693, June 12.
Houghton, William D., Port Jefferson, N. Y., assignor to Radio Corporation of America. Cathode-ray tube commutator system. 2,568,336, Sept. 18.
Hougland, Allen W.: *See*—
Pratt, Leon A., and Hougland.
Hougue, Maurice, Champigny, France. Water pump for automobiles for other uses. 2,570,452, Oct. 9.
Houk, Alva L.: *See*—
Glarum, Sivert N., and Houk.
Houk, Warren E., assignor to Askania Regulator Company, Chicago, Ill. Restricted butterfly valve. 2,577,657, Dec. 4.
Houldsworth, Wallace M., Royal Oak, Mich. Dispensing container. 2,557,290, June 19.
Houle, Joseph R., Victoriaville, Quebec, Canada. Side bracket for bedsprings. 2,577,685, Dec. 4.
Houlsby, George W., Jr., assignee: *See*—
Carlson, Martin.
Carlson, Martin, and Michaelsen.
Houplain, René B., Paris, France. Self-locking mechanism. 2,559,960, July 10.
Houpt, Alfred G., Stamford, Conn., and L. J. Christmann, Yonkers, assignors to American Cyanamid Company, New York, N. Y. Apparatus and process for distillation of HCN. 2,543,971, Mar. 6.
Houpt, Alfred G., Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Multilayer catalyst gauze structure. 2,552,279, May 8.
Hourigan, Joseph M., New Kensington, Pa. Comparator for regulating timepiece balance wheels. 2,547,705, Apr. 3.
Housdorfer, Carl R., Grand Rapids, and E. G. Miller, Lansing, assignors to Michigan Bumper Corporation, Grand Rapids, Mich. Reciprocating dies with pivoted and slidable end shaping dies. 2,536,643, Jan. 2.
House, Bryan E., assignor to Bendix Aviation Corporation, South Bend, Ind. Brake shoe. 2,541,253, Feb. 13.
House, Bryan E., assignor to Bendix Aviation Corporation, South Bend, Ind. Internal-expanding shoe brake. 2,544,030, Mar. 6.
House, Bryan E., assignor to Bendix Aviation Corporation, South Bend, Ind. Adjusting means for brake actuators. 2,554,301, May 22.
House, Bryan E., assignor to Bendix Aviation Corporation, South Bend, Ind. Expanding brake. 2,562,356, July 31.
House, Frederick F.: *See*—
House, Howard C. and F. F.
House, Howard C., and F. F., assignors to Jacob House & Sons, Buffalo, N. Y. Apparatus for elevating and dumping the contents of containers. 2,569,609, Oct. 2.
House, Jacob, & Sons, assignee: *See*—
House, Howard C. and F. F.
House, Kenneth R.: *See*—
Olpin, Henry C., House, and Wright.
House of Modern Medical Appliances Company, assignee: *See*—
Hauser, John M.
House of Photography, Inc., assignee: *See*—
Abbott, Berenice.
Housekeeper, Earl J., assignor to The Wooster Brass Company, Wooster, Ohio. Selective beverage dispenser. 2,557,289, June 19.
Housekeeper, Earl J., and C. J. Braun, assignors to The Wooster Brass Company, Wooster, Ohio. Faucet construction. 2,536,686, Jan. 2.
Houseman, Isaac D., Cleveland, Ohio. Strand brake. 2,561,514, July 24.
Houser, Harold, Waterloo, Iowa. Mourning emblem. 2,570,678, Oct. 9.
Houser, Paul P., St. Louis, Mo. Hook for trotlines. 2,564,260, Aug. 14.
Houser, Philip H., and J. Peterson, Swampscott, Mass., assignors to General Electric Company. Constant current open circuit protective system. 2,561,202, July 17.
Houser, Samuel G., and J. F. Kibler, Washington, D. C., assignors to H. & K. Valve Silencer Company. Tappet valve silencer. 2,564,902, Aug. 21.
Houser, William T., Memphis, Tenn. Minnow bucket. 2,542,412, Feb. 20.
Houston, Daniel W., Jr., Bessemer, Ala. Electric food mixer. 2,562,790, July 31.
Houston, David F., El Cerrito, and E. B. Kester, Berkeley, Calif., assignors to the United States of America as represented by the Secretary of Agriculture. Preparation of 7-hydroxyphenothiazone-3. 2,559,624, July 10.
Houston-Fearless Corporation, assignee: *See*—
Houston, Herbert W.
Houston George J., Scranton, Pa. Stationary grip attachment for spinning socket wrenches. 2,564,204, Aug. 14.
Houston, Herbert W., Sherman Oaks, assignor, by mesne assignments, to Houston-Fearless Corporation, Los Angeles, Calif. Motion-picture film developer feeding device. 2,579,741, Dec. 25.
Houston Oil Field Material Company, Inc., assignee: *See*—
Burns, Albert L., Jr.
Campise, Nash O.
Houston, Robert J.: *See*—
Brown, Harold P., and Houston.
Houston, Robert L., assignor to International Business Machines Corporation, New York, N. Y. Machine for printing on duplex records. 2,543,910, Mar. 6.
Houston, Wesley M., Lakeland, Fla., assignor to Minerals Separation North American Corporation, New York, N. Y. Treating glass sands. 2,536,058, Jan. 2.
Houston, Wilbur D., assignor of one-half to W. C. Newman, Elizabeth, N. J. Freezer. 2,544,162, Mar. 6.
Houston, William L., Jr., Phillips, Tex., assignor to Phillips Petroleum Company. Catalyst chamber. 2,579,672, Dec. 25.
Houtman, Harke J.: *See*—
Bos, Julius G., Dippel, Houtman, Keuning, and Wijtzes.
Houtman, Johannes P. W., W. F. Engel, H. Hoog, and P. van't Spijker, Amsterdam, Netherlands, assignors to Shell Development Company, San Francisco, Calif. Group VIII silicate catalyst on nonsiliceous support. 2,548,159, Apr. 10.
Houvener, Russell W., Kenmore, N. Y., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Process and apparatus for eliminating higher-boiling-point impurities prior to rectification of a gas mixture. 2,572,933, Oct. 30.
Hovden, Haytor, Orstavik, Norway. Clothes-washing machine. 2,574,566, Nov. 13.
Hovell, Reynolds W., Tupelo, Miss., assignor to Blue Bell, Inc., Greensboro, N. C. Machine for turning and pressing collars. 2,553,194, May 15.
Hoven, Alfred C., assignor to American Seating Company, Grand Rapids, Mich. Chair back construction. 2,550,479, Apr. 24.

Hoven, Alfred C., assignor to American Seating Company, Grand Rapids, Mich. Attaching flexible sheets to articles. 2,553,043, May 15.

Hoven, Alfred C., and B. J. Oom, assignors to American Seating Company, Grand Rapids, Mich. Chair. 2,553,042, May 15.

Hoven, Alfred C., and W. H. Bond, Jr., assignors to American Seating Company, Grand Rapids, Mich. Vehicle chair. 2,572,482, Oct. 23.

Hoven, Alfred C., and W. E. Nordmark, assignors to American Seating Company, Grand Rapids, Mich. Adjustable back rest chair structure. 2,573,845, Nov. 6.

Hoverder, Wallace P., Kansas City, Mo. Supporting fixture. 2,557,434, June 19.

Hovey, C. Earl, assignee: *See*—
Hansen, George H., Schroer, and Manley.
Knapp, Joseph H.
Schommer, Oliver J.

Hovey, C. Earl, trustee, assignee: *See*—
Baldwin, Curtis C.
Bloomfield, Samuel.
Knapp, Joseph H.

Hovey, Selden P., Hawthorne, Calif. Combined frame squaring and nailing machine. 2,544,499, Mar. 6.

Hovlid, Norman G., Torrance, and G. B. Breakey, Los Angeles, Calif., assignors to American Tire Machinery, Inc., Muncie, Ind. Tire curing rim structure. 2,561,573, July 24.

Howald, Arthur M.: *See*—
Rodgers, James L., Jr., and Howald.

Howald, Arthur M., Toledo, and L. S. Meyer, Newark, assignors to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Shaft for fishing rods. 2,571,717, Oct. 16.

Howard, Alan, Schenectady, N. Y., assignor to General Electric Company. Gas turbine power plant with axial flow compressor. 2,548,886, Apr. 17.

Howard, Arthur C., Upminster, assignor of one-half to Rotary Hoes Limited, East Horndon, Essex, England. Power-driven cultivator. 2,545,735, Mar. 20.

Howard, Arthur C., Upminster, England. Lifting jack. 2,575,108, Nov. 13.

Howard, Arthur G., Flint, Mich. Apparatus for gasifying liquid. 2,537,761, Jan. 9.

Howard, Arthur G., assignor to Arrow Engineering & Chemical Company, Flint, Mich. Apparatus for gasifying liquids. 2,558,179, June 26.

Howard, Ben O., Los Angeles, and M. S. Neal, South Pasadena, Calif. Coin-controlled time controlled chair. 2,564,762, Aug. 21.

Howard, Bernard: *See*—
De Rosa, Louis A., and Howard.

Howard and Bullough Limited, assignee: *See*—
Kenneford, John.

Howard, Charles F.: *See*—
Holt, Frederick W., Jr., Howard, and Bench.

Howard, Clifford: *See*—
Bendeler, William, and Howard.

Howard, Clifford M., Fontana, Calif. Hydraulically operated well pump. 2,537,410, Jan. 9.

Howard, Clifford M., Fontana, Calif. Jar and safety joint. 2,557,349, June 19.

Howard, Earl W., Bay City, Mich. Delayed-action switch. 2,536,368, Jan. 2.

Howard, Edward A., Altadena, Calif. Wheeled vehicle. 2,565,848, Aug. 28.

Howard, Edward G., Jr., assignor to E. I. du Pont de Nemours and Company, Wilmington, Del. Bromate ion-sulfoxy compound catalyst system in aqueous polymerization process. 2,560,694, July 17.

Howard, Edward G., Jr., assignor to E. I. du Pont de Nemours and Company, Wilmington, Del. Initiator systems comprising a titanous compound and nitrogen compounds such as oximes. 2,567,109, Sept. 4.

Howard, Edwin A., Stow, Mass., assignor to Beckwith Manufacturing Company, Dover, N. H. Shoe protector. 2,544,264, Mar. 6.

Howard, Elmer E.: *See*—
Goepfert, George J., and Howard.

Howard, Elmer E., Buffalo, and G. J. Goepfert, assignors to The Carborundum Company, Niagara Falls, N. Y. Abrasive tool comprising bonded abrasive element cemented to supporting element. 2,552,485, May 8.

Howard, Emory H., Des Moines, Iowa. Mailbox bracket. 2,574,038, Nov. 6.

Howard, Frank, assignee: *See*—
MacFarland, Allison M.

Howard, Frank A., Jr., Elizabeth, N. J. Accounting aid. 2,573,570, Oct. 30.

Howard, Frank L.: *See*—
Weil, Leopold, Woodward, Howard, and Keil.

Howard, Frank S.: *See*—
Sparklin, Charles H., and Howard.

Howard, Frank S., Chicago, Ill., assignor to Birtman Electric Company. Converter attachment for floor type suction cleaners. 2,541,061, Feb. 13.

Howard, George E., Butler, Pa. Glass melting furnace and method. 2,564,783, Aug. 21.

Howard, Giles P. E., and V. Ivanoff, Luton, England. Electric motor pump of the submersible type. 2,568,548, Sept. 18.

Howard, Henry C., Mount Lebanon, assignor to Carnegie Institute of Technology, Pittsburgh, Pa. Making organic acids from carbonaceous material. 2,555,410, June 5.

Howard, Ira, assignee: *See*—
Howard, Ira F.

Howard, Ira F., assignor of one-third to R. Rimes and one-third to I. Howard, Marco, Fla. Vertical and horizontal axes roundabout. 2,559,768, July 10.

Howard, John B., assignee, trustee: *See*—
Alward, Francis.

Howard, Joseph O., assignor of one-half to P. J. Franklin, Chicago, Ill. Socket for starter units for fluorescent lamps. 2,571,881, Oct. 16.

Howard, Kenneth C., Fort Worth, Tex. Kite control. 2,556,877, June 12.

Howard, Kenneth L.: *See*—
Hultquist, Martin E., and Howard.

Howard, Kenneth L., Westfield, N. J., assignor to American Cyanamid Company, New York, N. Y. N,N-dimethyl-N′-(4-halobenzyl)-N′-(2-pyridyl) ethylene diamines and preparation of the same. 2,569,314, Sept. 25.

Howard, Kenneth L., Westfield, N. J., assignor to American Cyanamid Company, New York, N. Y. Substituted ethylenediamines and preparation of the same. 2,572,569, Oct. 23.

Howard Paper Mills, Inc., assignee: *See*—
Todd, Francis C.

Howard, Ralph H., Oklahoma City, Okla. Device for applying rubber sleeves. 2,569,993, Oct. 2.

Howard, Robert A., Pasadena, Calif., assignor, by mesne assignments, to the United States of America as represented by the Secretary of the Navy. High-frequency thermistor wattmeter. 2,565,922, Aug. 28.

Howard, Robert A., Pasadena, Calif., assignor, by mesne assignments, to the United States of America as represented by the Secretary of the Navy. Microwave wattmeter for wave guides. 2,576,344, Nov. 27.

Howard, Roy, assignor of thirty-three and one-third per cent to M. P. Barber, Vero Beach, Fla. Threshold. 2,572,154, Oct. 23.

Howard, Ruth, New York, N. Y. Tape string diaper. 2,571,577, Oct. 16.

Howard-Smith, Howard, Birmingham, England. Erection of buildings. 2,578,631, Dec. 11.

Howard, Stanley, assignee: *See*—
Rosenberg, Leo F.

Howard, Stanley R., Milton, assignor to Pneumatic Scale Corporation, Limited, Quincy, Mass. Package. 2,549,970, Apr. 24.

Howard, Styles T., Jeffersonville, Ind. Reel-type oven for baking. 2,539,423, Jan. 30.

Howard, Viola T., Saylesville, R. I., assignor to Swank, Inc. Package for a belt. 2,576,070, Nov. 20.

Howard, William: *See*—
Demonet, Jules A., and Howard.

Howard Zink Corporation, The, assignee: *See*—
Wirt, Erwin A.

Howarth, Edmund, Cranston, and P. C. Sherburne, Warwick Neck, assignors to Grinnell Corporation, Providence, R. I. Spring support. 2,540,525, Feb. 6.

Howatt, Lawrence F.: *See*—
Green, George S., and Howatt.

Howden, James, & Company Limited, assignee: *See*—
Lee, Leonard.

Howe, Arnold C.: *See*—
Pothier, Arthur C., and Howe.

Howe, Charles E., Jr., Columbus, Ohio. Protective guard attachment for band saws. 2,538,456, Jan. 16.

Howe, Elra F., Chicago, Ill. Replacement valve seat for flush boxes. 2,557,743, June 19.

Howe, Elra F., Chicago, Ill. Flood control system. 2,569,102, Sept. 25.

Howe, Eugene E.: *See*—
Zambito, Arthur J., and Howe.

Howe, Eugene E., Bound Brook, N. J., and I. Putter, Long Island City, N. Y., assignors of one-half to Merck & Co., Inc., Rahway, N. J., and one-half to Rohm & Haas Company, Philadelphia, Pa. Purification of streptomycin by carboxylic acid type ion exchange resins. 2,541,420, Feb. 13.

Howe, Eugene E., Bound Brook, and E. W. Pietrusza, Morristown, assignors to Merck & Co., Inc., Rahway, N. J. Preparation of alpha-bromo, omega-benzoylamino caproic acid. 2,561,574, July 24.

Howe, Frank D., assignor to Thermal Development Company, Cuyahoga Falls, Ohio. Reciprocating fuel feeder. 2,562,614, July 31.

Howe, Goodwin H., Schenectady, N. Y., assignor to General Electric Company. Magnetic sound recording medium. 2,549,468, Apr. 17.

Howe, Goodwin H., Schenectady, N. Y., assignor to General Electric Company. Magnetic sound recording medium. 2,549,469, Apr. 17.

Howe, Harold S.: *See*—
Hindin, Herbert B., Howe, and Walsh.

Howe, James A., Wood-Ridge, assignor to Bendix Aviation Corporation, Teterboro, N. J. Tumbling process for bearing assemblies. 2,548,264, Apr. 10.

Howe, John F.: *See*—
Crouch, Willie W., and Howe.

Howe Scale Company, The, assignee: *See*—
Singleton, Lester D.
Howe, Thomas H., Croydon, England, assignor to Bailey Meter Company, Cleveland, Ohio. Diaphragm pressure indicating instrument. 2,551,212, May 1.
Howell, Alun R., Neath, assignor to Power Jets (Research and Development) Ltd., London, England. Internal-combustion turbine power plant. 2,540,526, Feb. 6.
Howell, Argus A., Ontario, Calif. Jointed flexible level. 2,559,961, July 10.
Howell, Charles E., Carthage, Mo., assignor to Hercules Powder Company, Wilmington, Del. Explosive device. 2,574,830, Nov. 13.
Howell, Edgar A., assignor to American Cyanamid Company, New York, N. Y. Method and apparatus for diluting rosin size. 2,573,024, Oct. 30.
Howell, Emory L., Greenville, S. C., assignor to The Dayton Rubber Company, Dayton, Ohio. Rub apron for use on textile machines. 2,553,456, May 15.
Howell, Herbert R., Summit, N. J. Cutting shears. 2,566,492, Sept. 4.
Howell, Hugh A., Valparaiso, Ind., assignor to The Indiana Steel Products Company, Chicago, Ill. Rotating magnetic reproducer. 2,539,837, Jan. 30.
Howell, Hugh A., Valparaiso, Ind., assignor to The Indiana Steel Products Company, Chicago, Ill. Polarizing head for magnetic recorders. 2,546,927, Mar. 27.
Howell, Hugh A., Valparaiso, Ind., assignor to The Indiana Steel Products Company, Chicago, Ill. Magnet material and preparing the same. 2,553,768, May 22.
Howell, Joseph C., Fort Lee, N. J. Wristband for watches and the like. 2,543,408, Feb. 27.
Howell, Lynn G., Houston, Tex., assignor, by mesne assignments, to Standard Oil Development Company, Elizabeth, N. J. Self-propelled marine anchor. 2,541,652, Feb. 13.
Howell, William C., Jr.: *See*—
Morris, William E., and Howell.
Howell, William C., Jr., Union, N. J., assignor to Standard Oil Development Company. Safety fuel for automobile type marine engines. 2,575,275, Nov. 13.
Howells, John N. M., Kittery, Maine. Heat applying bandage. 2,573,791, Nov. 6.
Howells, Paul W.: *See*—
Summerhayes, Harry R., Jr., and Howells.
Howenstine, James A., assignor to Neon Products, Inc., Lima, Ohio. Internally illuminated sign structure and unit therefor. 2,562,553, July 31.
Howenstine, James A., and K. F. Smith, assignors to Neon Products, Inc., Lima, Ohio. Edge-lighted sign. 2,564,110, Aug. 14.
Howerton, Paul W.: *See*—
Bluestone, Henry, Lidov, Knaus, and Howerton.
Howerton, William W., Oreland, Pa., assignor to the United States of America as represented by the Secretary of Agriculture. Coagulating synthetic latices. 2,562,191, July 31.
Howes, Charles C.: *See*—
Fox, Mary C., and Howes.
Howes, Donald A., Sunbury-on-Thames, assignor to Anglo-Iranian Oil Company Limited, London, England. Fuel oils for gas turbine engines and making same. 2,546,125, Mar. 20.
Howes, Donald A., and S. R. Pethrick, Sunbury-on-Thames, Middlesex, assignors to Anglo-Iranian Oil Company Limited, London, England. Electrical insulating material. 2,554,461, May 22.
Howes, Donald A., T. Tait, P. Docksey, S. F. Birch, and W. A. Partridge, Sunbury-on-Thames, assignors to Anglo-Iranian Oil Company Limited, London, England. Aviation or motor fuels. 2,576,071, Nov. 20.
Howes, Douglas E., Northfield, Vt., assignor to the United States of America as represented by the Secretary of War. Selective amplifier. 2,575,109, Nov. 13.
Howes, Douglas E., and F. G. Smith, assignors to Norwich University, Northfield, Vt. Dual container wood burning stove. 2,543,289, Feb. 27.
Howes, Edgar T., Pasadena, Calif. Torsion indicating device. 2,566,566, Sept. 4.
Howes, Edgar T., Pasadena, Calif. Load-responsive device. 2,571,718, Oct. 16.
Howes Leather Company, Inc., assignee: *See*—
Jennings, George H.
Howes, S., Co., Inc., assignee: *See*—
Coon, Edwin L.
Howey, Walter, Demarest, N. J. Biasing system for magnetic recorders. 2,548,109, Apr. 10.
Howie, Alexander, Shaker Heights, Ohio. Scaffolding connection. 2,576,400, Nov. 27.
Howie, John L., Jr., assignor to The Grigoleit Company, Decatur, Ill. Apparatus for molding threaded articles. 2,560,291, July 10.
Howk, Benjamin W.: *See*—
Fawcett, Frank S., and Howk.
Howk, Benjamin W., Wilmington, and G. F. Hager, New Castle, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Synthesis of alcohols. 2,549,470, Apr. 17.
Howk, Benjamin W., and C. M. Langkammerer, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Cyanoethylation. 2,579,580, Dec. 25.
Howland, Bradford, assignee: *See*—
Schreiner, Edmund D., and Howland.
Howland, Frederick W., Rochester, N. Y., assignor to The American Laundry Machinery Company, Cincinnati, Ohio. Automatic temperature control for driers. 2,573,571, Oct. 30.
Howland, Louis H., Watertown, and J. A. Reynolds, Naugatuck, Conn., assignors to United States Rubber Company, New York, N. Y. Shortstopping agent for emulsion polymerizations. 2,556,651, June 12.
Howle, Ernest O., Chicago, Ill. Expanding perlite. 2,572,483, Oct. 23.
Howle, Ernest O., and R. W. Jackson, Chicago, Ill., and N. M. Foster, New Castle, Ind., said Jackson and said Foster assignors to said Howle. Apparatus for expanding perlite and the like. 2,572,484, Oct. 23.
Howlett, Thomas W., assignor to Letts Drop Forge, Inc., Detroit, Mich. Drive for forge hammers. 2,549,604, Apr. 17.
Howry-Berg, Inc., assignee: *See*—
Walters, Vernon.
Howse, Curtis L., Birmingham, assignor to Diamond Power Specialty Corporation, Detroit, Mich. Control system for soot blowers. 2,553,044, May 15.
Howse, Curtis L., Spartanburg, S. C., assignor to Diamond Power Specialty Corporation, Detroit, Mich. Sequential control system for soot blowers. 2,565,689, Aug. 28.
Hoxeng, Raymond B., Oakmont, assignor to Aluminum Company of America, Pittsburgh, Pa. Utilization of aluminous metal electrodes in cathodic protection installations. 2,541,062, Feb. 13.
Hoxie, Howard M., Chester, Pa., assignor to American Viscose Corporation, Wilmington, Del. Wet spinning process. 2,577,763, Dec. 11.
Hoy, Austin, & Company Limited, assignee: *See*—
Proctor, Sidney E.
Shepherd-Smith, Stephen.
Hoya, Wallace K.: *See*—
Moffett, Eugene W., and Hoya.
Hoye, James B., assignor to Veeder-Root Incorporated, Hartford, Conn. Adjustable register wheel. 2,539,368, Jan. 23.
Hoyle, Egbert P., assignor to The Cortland Line Company, Inc., Cortland, N. Y. Two-part display and transfer reel. 2,545,145, Mar. 13.
Hoyle, Egbert P., assignor to The Cortland Line Company, Inc., Cortland, N. Y. Duplex fishing line carton. 2,561,699, July 24.
Hoyle, Robert L., assignor to Burgess-Manning Company, Chicago, Ill. Apparatus for silencing noise producing gases. 2,562,101, July 24.
Hoyt, Clyde W.: *See*—
Clark, Edwin L., and Hoyt.
Hoyt, Clyde W., Pennsauken Township, Camden County, N. J., assignor to Radio Corporation of America. Electromagnetic deflection circuit. 2,543,720, Feb. 27.
Hoyt, Fred W.: *See*—
Nadeau, Gale F., and Hoyt.
Hoyt, Howard E., and T. H. Manninen, Stamford, Conn., assignors to U. S. Industrial Chemicals, Inc., New York, N. Y. Production of acrolein from glycerol. 2,558,520, June 26.
Hoyt, Justus, Darien, Conn., assignor to Sun Chemical Corporation, New York, N. Y. Moisture-setting printing ink. 2,537,531, Jan. 9.
Hoyt, Robert H., Converse, Ind. Vial for use in artificial insemination. 2,572,155, Oct. 23.
Hoyt, William M., Stanley, Iowa. Method and apparatus for testing piezoelectric crystals. 2,562,917, Aug. 7.
Hrabal, Eduard, assignor of thirty-five per cent to R. Dominguez, Washington, D. C. Safety coupling for stirrups. 2,537,532, Jan. 9.
Hrach, William, Richmond Heights, assignor to James R. Kearney Corporation, St. Louis, Mo. Electrical connector. 2,542,084, Feb. 20.
Hrdlicka, Edward J., Jr., Painesville, assignor to Hydraulic Equipment Company, Cleveland, Ohio. Wiper ring assembly. 2,565,923, Aug. 28.
Hren, Ralph R., Chisholm, Minn. Self-sealing cap having relatively axially slidable tubular members. 2,576,509, Nov. 27.
Hribar, Frank, assignor to The Weatherhead Company, Cleveland, Ohio. Pressure relief valve. 2,577,851, Dec. 11.
Hribar, Lloyd F., Duluth, Minn. Shade-roller wrench. 2,567,563, Sept. 11.
Hricko, John J., Starford, Pa. Encasing means for furnaces. 2,561,661, July 24.
Hroch, James C., Jr., Cicero, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Method of and apparatus for forming and affixing electrical terminals. 2,551,376, May 1.
Hroch, James C., Jr., Cicero, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Assembling apparatus. 2,563,468, Aug. 7.
Hronec, George, Lorain, Ohio. Illuminating attachment for telephones. 2,558,437, June 26.
Hruby, Joseph, Chicago, Ill., assignor to Charles Bruning Company, Inc., New York, N. Y. Removable lamp assembly for printing and developing apparatus. 2,559,159, July 3.
Hruska, Joseph J., Milwaukee, Wis. Multiple chamber tire. 2,553,319, May 15.
Hrybinyk, Walter, Ansonia, Conn. Safety chuck for machine tools. 2,540,332, Feb. 6.

Hu, Quang H., New York, N. Y. Medical injecting apparatus. 2,564,977, Aug. 21.
Hub Hosiery Mills, assignee: *See*—
Connor, Walter F.
Hubbard, Arthur R.: *See*—
Stacey, Ernest W., Hannable, Hubbard, and Richardson.
Hubbard and Company, assignee: *See*—
Hocher, Andrew A.
Hocher, Andrew A., and Robbins.
Hubbard, David C., assignor to A. B. Chance Company, Centralia, Mo. Making electrical connectors. 2,546,395, Mar. 27.
Hubbard, David C., assignor to A. B. Chance Company, Centralia, Mo. Fused dropout cutout. 2,547,160, Apr. 3.
Hubbard, David C., assignor to A. B. Chance Company, Centralia, Mo. Fused cutout of the exposed link type. 2,558,956, July 3.
Hubbard, David C., assignor to A. B. Chance Company, Centralia, Mo. Automatic circuit breaker retarding mechanism. 2,568,155, Sept. 18.
Hubbard, David C., assignor to A. B. Chance Company, Centralia, Mo. Operating pole assembly for high-tension lines. 2,571,246, Oct. 16.
Hubbard, David C., and W. L. Hollander, assignors to A. B. Chance Company, Centralia, Mo. Fused dropout cutout. 2,537,348, Jan. 9.
Hubbard, David C., and W. L. Hollander, assignors to A. B. Chance Company, Centralia, Mo. Fused drop-out cutout. 2,558,957, July 3.
Hubbard, Deane O., Niagara Falls, N. Y., assignor to the United States of America as represented by the United States Atomic Energy Commission. Vacuum seal for fluorine generation system. 2,579,234, Dec. 18.
Hubbard, Ford, Houston, Tex. Sports theater for golf. 2,550,480, Apr. 24.
Hubbard, George H., assignor to Washington Iron Works, Seattle, Wash. Portable crane. 2,558,686, June 26.
Hubbard, Harold L., Webster Groves, assignor to Monsanto Chemical Company, St. Louis, Mo. Neutralization of the mineral acid salts of aminonitrothiazole. 2,573,641, Oct. 30.
Hubbard, Malcolm M.: *See*—
Ellett, Alexander, and Hubbard.
Hubbard, Norman, Akron, Ohio. Cooking vessel with audible signal. 2,536,369, Jan. 2.
Hubbard, Richard T., Spokane, Wash. Spirit level holder. 2,557,291, June 19.
Hubbard, Robert L., Florham Park, N. J. Pruning tool. 2,541,063, Feb. 13.
Hubbard Shoe Company, Incorporated, assignee: *See*—
Gelinas, Thuribe.
Hubbard Spool Company, assignee: *See*—
Mueller, Paul M.
Hubbell, Harvey, Long Hill, and J. F. Healy, assignors to Harvey Hubbell, Incorporated, Bridgeport, Conn. Rectifier tube socket. 2,558,755, July 3.
Hubbell, Harvey, Incorporated, assignee: *See*—
Hubbell, Harvey, and Healy.
Von Holtz, Charles T.
Hubbell, Leslie W., Cheshire, assignor to The Ball & Socket Manufacturing Co., West Cheshire, Conn. Pivoted clasp. 2,564,435, Aug. 14.
Hubbert, Leslie S., Mount Gilead, Ohio, assignor to H-P-M Development Corporation, Wilmington, Del. Apparatus for stretch-bending work in different directions under a predetermined tension. 2,553,092, May 15.
Hubbinette, Carl W.: *See*—
Teague, Walter D., Peltz, and Hubbinette.
Huber, Alfred A., Painesville, and K. B. Freeman, Mentor, assignors to Industrial Rayon Corporation, Cleveland, Ohio. Strand guard for wheels. 2,554,462, May 22.
Huber, Elmer J., Joliet, assignor to F. W. McGuire and J. Ruben, Chicago, Ill., as trustees. Bracket supported folding seat. 2,563,114, Aug. 7.
Huber, Gustav, Cleator, assignor to Kangol Patents Limited, London, England. Straight bar knitting machine. 2,564,261, Aug. 14.
Huber, Harry: *See*—
Dohler, Oskar, Huber, and Kleen.
Huber, Henry, Clarkston, Mich. Vehicle frame and spring structure. 2,552,320, May 8.
Huber, J. M., Corporation, assignee: *See*—
Bertorelli, Orlando L., and Williams.
Voet, Andries.
Huber, Jakob, Ennetbaden, Switzerland. Centrifugal pump. 2,554,191, May 22.
Huber, John F., New York, N. Y. Suction cleaning device with a surface-agitating bar. 2,570,679, Oct. 9.
Huber, John R., Warrington, assignor to Eastern Rotorcraft Corporation, Neshaminy, Pa. Apparatus for securing cargo in transit. 2,560,695, July 17.
Huber, Louis C., assignee: *See*—
Richeson, Sanford E.
Huber, Louis J.: *See*—
Salo, Paul W., and Huber.
Huber, Matthew W., Watertown, N. Y., assignor to The New York Air Brake Company. Hydraulic control system responsive to pressure and flow rate. 2,562,615, July 31.
Huber, Robert, Bellevue, and P. V. Félix, Paris, France, assignors to "Societe d'Etudes & de Participations: Eau, Gaz, Electricite, Energie," S. A., Geneva, Switzerland. Internal-combustion engine piston. 2,569,103, Sept. 25.
Huber, Robert, Paris, France, assignor to Societe d'Etudes et de Participations, Eau, Gaz, Electricite, Energie, S. A., Geneva, Switzerland. Pneumatic starting device. 2,565,849, Aug. 28.
Huber, Simon, Brooklyn, N. Y. Heat insulated handle for automobile radiator caps. 2,562,719, July 31.
Huber, Walter, assignor to Sulzer Freres, Societe Anonyme, Winterthur, Switzerland. Burner for liquid fuels. 2,549,092, Apr. 17.
Huber, Walter, assignor to Sulzer Freres, Societe Anonyme, Winterthur, Switzerland. Flexibly mounted and connected vertical gas heating furnace. 2,549,093, Apr. 17.
Huber, Walter, and A. Businger, Basel, Switzerland, assignors to Hoffmann-La Roche Inc., Nutley, N. J. Manufacture of condensation products. 2,540,116, Feb. 6.
Huber, William, Jr., Glendale, Calif. Furring strip. 2,551,801, May 8.
Huber, William A., Neptune City, and W. T. Pope, Jr., Asbury Park, N. J., assignors to the United States of America as represented by the Secretary of War. Receiver channel switch for object locators. 2,564,694, Aug. 21.
Huber, William A., Neptune City, and W. T. Pope, Jr., Asbury Park, N. J. Radar range tracking system. 2,566,331, Sept. 4.
Huber, William A., Neptune City, and M. Gindoff, Lakewood, N. J. Plan position indicating system. 2,566,332, Sept. 4.
Huber, William R., and A. L. Jones, Fresno, Calif. Hair drier. 2,576,226, Nov. 27.
Hubert, Louis, Paris, assignor to Societe d'Application des Brevets Cotal, Neuilly-sur-Seine, France. Electromagnetic clutch and brake. 2,560,868, July 17.
Hubner, Cornelius A., Bloomingdale, N. J. Barrow attachment for lawn mowers. 2,579,077, Dec. 18.
Hubsch, Willis H., Burbank, Calif. Portable folding desk for automobile seats. 2,556,724, June 12.
Huc, Marcel R. E., Toulouse, R. J. A. Roudaire, Saint Gratien, and F. A. F. Monroy, Rueil, France. Transformer of continual circular motion into intermittent motion. 2,562,461, July 31.
Huchberger, Alfred P.: *See*—
Merriman, Charles J., and Huchberger.
Huck, Alfred J., assignor to Knapp-Monarch Company, St. Louis, Mo. Temperature control and indicator. 2,541,359, Feb. 13.
Huck, Alfred J., assignor to Knapp-Monarch Company, St. Louis, Mo. Timer for toasters and the like. 2,549,094, Apr. 17.
Huck, Alfred J., assignor to Knapp-Monarch Company, St. Louis, Mo. Temperature control for warming blankets. 2,549,095, Apr. 17.
Huck, Alfred J., assignor to Knapp-Monarch Company, St. Louis, Mo. Thermostat for waffle irons. 2,562,425, July 31.
Huck, Alfred J., assignor to Knapp-Monarch Company, St. Louis, Mo. Temperature actuated control. 2,570,453, Oct. 9.
Huck, Alfred J., and C. D. Visos, assignors to Knapp-Monarch Company, St. Louis, Mo. Thermal control. 2,545,662, Mar. 20.
Huck, Joseph: *See*—
Meng, Victor W., and Huck.
Huck, Rodney M.: *See*—
Debing, Lawrence M., and Huck.
Huck, William F., Forest Hills, assignor to R. Hoe & Co., Inc., New York, N. Y. Register control device for web printing machines. 2,549,605, Apr. 17.
Huck, William F., Forest Hills, F. Heller, Mount Vernon, N. Y., and A. J. Albrecht, West New York, N. J., assignors to R. Hoe & Co., Inc., New York, N. Y. Blanket tensioning means. 2,541,254, Feb. 13.
Huck, William F., Forest Hills, and F. Heller, Mount Vernon, assignors to R. Hoe & Co., Inc., New York, N. Y. Doctor blade reciprocating mechanism for intaglio printing machines. 2,548,217, Apr. 10.
Huck, William F., Forest Hills, N. Y., and A. Stobb, Union Township, Hunterdon County, N. J., assignors to R. Hoe & Co., Inc., New York, N. Y. Frame support and drive means for printing machines. 2,549,813, Apr. 24.
Hudak, Robert J., assignor to Eastman Kodak Company, Rochester, N. Y. Episcopic illuminator for optical projection comparators. 2,552,280, May 8.
Huden, Thomas P., Seattle, Wash. Cargo hook. 2,544,596, Mar. 6.
Hudig, Joost, Pasadena, Tex., assignor to Shell Development Company, San Francisco, Calif. Fractional distillation process. 2,577,617, Dec. 4.
Hudoba, Anthony, Struthers, Ohio. Supporting device for drop cloths. 2,570,555, Oct. 9.
Hudson, Albert A.: *See*—
Whitney, Willis B., Briscoe, and Hudson.
Hudson, Alexander E., Albany, N. Y., assignor to General Electric Company. Regulated high-voltage power supply. 2,543,632, Feb. 27.
Hudson, Boyd E., Jr.: *See*—
Ohsol, Ernest O., Carlson, and Hudson.
Hudson, Boyd E., Jr., Cranford, N. J., assignor to Standard Oil Development Company. Isomerization of 2,4,4-trimethylpentene-2. 2,554,251, May 22.

Hudson, Curtis G., assignor of one-half to O. Brast, Three Rivers, Mich. Lifting tongs for bottles and the like. 2,541,819, Feb. 13.
Hudson, Edgar W. and G. L., Meridian, Idaho. Combination buck rake and stacker. 2,571,882, Oct. 16.
Hudson, Edwin B., Middletown, Ohio. Rotary power plant. 2,567,711, Sept. 11.
Hudson Electrochemical Co., assignee: *See*— Treuhaft, Milton A., and Swanson.
Hudson Engineering Corporation, assignee: *See*— Lau Bach, Neal B.
Hudson, Frank W., Bothell, and A. M. Pilkington, Seattle, Wash. Multiple ball bearing punching bag swivel. 2,547,124, Apr. 3.
Hudson, Frederick L.: *See*— Brookes, Alfred, and Hudson.
Hudson, George D., Los Angeles, Calif., assignor to Hudson Manufacturing Company, Inc. Magnetic brake equalizing system. 2,550,068, Apr. 24.
Hudson, Glen L.: *See*— Hudson, Edgar W., and G. L.
Hudson, H. D., Manufacturing Company, assignee: *See*— Landgraf, Jacob T.
Hudson, Harry K., Baldwin, and R. J. Marshall, Garden City, N. Y., assignors to The Sperry Corporation. Scanning apparatus for radar systems. 2,557,967, June 26.
Hudson, Henry, Cambridge, Mass. Portable shelf. 2,556,922, June 12.
Hudson, Herbert E., Jr., Champaign, Ill., assignor to the United States of America as represented by the Secretary of War. Water purification process. 2,555,970, June 5.
Hudson, James E., Schenectady, N. Y., assignor to General Electric Company. Excitation and control system for electronic devices. 2,548,605, Apr. 10.
Hudson, James L., Detroit, Mich. Carbonator. 2,549,311, Apr. 17.
Hudson, Jennie M.: *See*— Burr, Robert L., and Hudson.
Hudson Manufacturing Company, Inc., assignee: *See*— Hudson, George D.
Hudson, Monie S., Spartanburg, S. C. Treating wood. 2,538,457, Jan. 16.
Hudson Motor Car Company, assignee: *See*— Railton, Reid A. Spring, Frank S.
Hudson, Moulton L., Shelton, Wash. Apparatus for the manufacture of artificial yarns. 2,563,039, Aug. 7.
Hudson, Neal, Phoenix, Ariz. Vehicular coupler. 2,559,962, July 10.
Hudson, Neal, Phoenix, Ariz. Safety chain hook for trailers. 2,579,319, Dec. 18.
Hudson, Thomas J., South Euclid, assignor to The Warner & Swasey Company, Cleveland, Ohio. Machine tool. 2,549,606, Apr. 17.
Hudson, Walter M., Salt Lake City, Utah. Portable folding swing support. 2,562,616, July 31.
Hudson, Wilbur G., Chicago, Ill., assignor to Gifford-Wood Company, Hudson, N. Y. Bulk flow conveyer. 2,577,082, Dec. 4.
Hudson, William H., Detroit, Mich. Infra-red oven structure. 2,559,249, July 3.
Hudson Bay Mining and Smelting Co., Limited, assignee: *See*— Davis, Edward D., and Germain.
Hudson's Bay Company, assignee: *See*— Gossling, Clement E.
Hudspeth, Emmett L., Springfield, Pa., and J. P. Nash, Neenah, Wis., assignors, by mesne assignments, to the United States of America as represented by the Secretary of the Navy. Reflecting fabric. 2,576,255, Nov. 27.
Hueber, Carl J., Euclid, Ohio, assignor to Addressograph-Multigraph Corporation, Wilmington, Del. Printing device carrier. 2,542,278, Feb. 20.
Hueber, Carl J., Euclid, Ohio, assignor to Addressograph-Multigraph Corporation, Wilmington, Del. Cyclic control means in selective printing machines. 2,549,607, Apr. 17.
Huebner, George J., Jr., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Synchronizing clutch. 2,562,357, July 31.
Huebner, George J., Jr., and G. L. McCain, Detroit, assignors to Chrysler Corporation, Highland Park, Mich. Power assisted steering. 2,551,742, May 8.
Huebner, William C., assignee: *See*— Hooper, William J.
Huebner, William C., New York, N. Y. Printing element or cylinder. 2,546,304, Mar. 27.
Huebner, William C., New York, N. Y. Selective discharge control for inks on printing presses. 2,547,706, Apr. 3.
Huebner, William C., New York, N. Y. Multiple unit printing press. 2,557,381, June 19.
Huebner, William C., New York, N. Y. Photoprinting apparatus. 2,560,696, July 17.
Huebner, William C., New York, N. Y. Apparatus for making sheet or web material. 2,562,358, July 31.
Huebner, William C., New York, N. Y. Roll film camera attachment. 2,574,392, Nov. 6.
Huebotter, Earl E., assignor to National Lead Company, Los Angeles, Calif. Electrodialytic treatment of well-drilling fluids. 2,571,247, Oct. 16.
Huebsch Manufacturing Company, assignee: *See*— Watson, Thomas S.
Hueglin, Herman C., assignor to Airmaster Corporation, Chicago, Ill. Making fans. 2,542,251, Feb. 20.
Huelsmeyer, Walter E., Quincy, Ill. Price tag and name card holder. 2,566,837, Sept. 4.
Huelster, Otto J., Plymouth, assignor to Scovill Manufacturing Company, Waterbury, Conn. Button fastener. 2,571,719, Oct. 16.
Huenlich, Charles, Bloomfield, assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Valved selective sound control device. 2,541,164, Feb. 13.
Huet, André P. J. H., Paris, France, assignor to Combustion Engineering-Superheater, Inc. Directly fired waste-heat boiler. 2,552,044, May 8.
Huet, André, Paris, France. Tangentially finned heat exchange tubes. 2,578,136, Dec. 11.
Huet, André P. J., Paris, France. Fin for heat exchange elements. 2,578,305, Dec. 11.
Huett, James C., Dallas, Tex. Aircraft mudguard. 2,572,342, Oct. 23.
Huetten, Clarence, assignor to P. R. Mallory & Co., Inc., Indianapolis, Ind. Vibrator converter with resistors. 2,573,262, Oct. 30.
Huey, Robert M., Lisbon, Iowa. Automatic emergency brake release for motor vehicles. 2,551,743, May 8.
Huey, William R.: *See*— Gallinger, Clyde T., and Huey.
Huff, Clifford H., Iowa City, assignor to La Plant-Choate Manufacturing Co., Inc., Cedar Rapids, Iowa. Pusher attachment for tractors. 2,553,320, May 15.
Huff, Gilbert R., Wichita, Kans. Folding overload spring. 2,539,251, Jan. 23.
Huff, James W., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Apparatus for cutting strip material. 2,575,450, Nov. 20.
Huff, James W., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Belt for cone pulleys. 2,578,885, Dec. 18.
Huff, Lyman C., Evanston, assignor to Universal Oil Products Company, Chicago, Ill. Distillation of carbonaceous solids. 2,560,767, July 17.
Huff, Lyman C., Wilmette, assignor to Universal Oil Products Company, Chicago, Ill. Multistage catalytic conversion of bituminous solids. 2,573,906, Nov. 6.
Huff, Melvin O., Fostoria, and A. W. Seidler, Cleveland, Ohio, assignors by mesne assignments to Union Carbide and Carbon Corporation. Welded rivet construction for electrical brushes and contacts. 2,569,059, Sept. 25.
Huff, Sireno E., Evart, Mich. Tire dolly. 2,546,509, Mar. 27.
Huffaker, John E., Portland, Oreg. Folding game board with playing piece receptacles. 2,548,606, Apr. 10.
Hufferd, George H., Shaker Heights, assignor to The Weatherhead Company, Cleveland, Ohio. Picker stick linkage and hydraulic check. 2,540,673, Feb. 6.
Hufferd, George H., Shaker Heights, Ohio, assignor to Houdaille-Hershey Corporation, Detroit, Mich. Picker stick linkage. 2,566,890, Sept. 4.
Hufferd, George H., Shaker Heights, Ohio, assignor to Houdaille-Hershey Corporation, Detroit, Mich. Toggle-type picker stick linkage. 2,566,891, Sept. 4.
Hufferd, George H., Shaker Heights, assignor to The Weatherhead Company, Cleveland, Ohio. Self-adjusting tappet. 2,577,852, Dec. 11.
Huffman, Clifton, Jr.: *See*— Harrold, Burr E., and Huffman.
Huffman, Coy L., Greenville, S. C. Picker mounting means. 2,569,994, Oct. 2.
Huffman, Eugene H., Berkeley, and L. J. Beaufait, Jr., North Richmond, Calif., assignors to the United States of America as represented by the United States Atomic Energy Commission. Zirconium and hafnium separation process. 2,566,665, Sept. 4.
Huffman, Kermit D., and H. Sigafoos, assignors to The Mighty Midget Manufacturing Co., Phoenix, Ariz. Refrigerating apparatus, including water circulating means. 2,563,935, Aug. 14.
Huffman, Max N., Dallas, Tex., assignor to G. D. Searle & Co., Chicago, Ill. Synthesizing 16-keto-steroids. 2,542,773, Feb. 20.
Huffman, Sam L.: *See*— Meadors, Ansel R., Jr., Irwin, and Huffman.
Hufford, Harold H., assignor of thirty-three and one-third per cent to C. Kozup, Warren, Ohio. Sled-type fishing line sinker. 2,543,576, Feb. 27.
Hufnagel, Andrew, Penn Township, Allegheny County, Pa., assignor to Westinghouse Air Brake Company. Electric relay. 2,575,812, Nov. 20.
Hufnagel, John A.: *See*— Engel, Edward G., and Hufnagel.
Hug, C. J., Co., Inc., assignee: *See*— Fowler, Arno W.
Hug, Emil, and H. Giger, Ennetburgen, assignors to The Burckhardt Engineering Works, Basel, Switzerland. Valve arrangement for filling and emptying gas tanks. 2,553,919, May 22.
Huge, Ernest C.: *See*— Fletcher, James, and Huge.
Hugenholtz, Eduard H.: *See*— Arends, Jacobus L., and Hugenholtz. Boesman, Herman B. R., and Hugenholtz.

Hugenholtz, Eduard H., Eindhoven, Netherlands, assignor to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Device for automatic frequency correction. 2,540,333, Feb. 6.

Hugenholtz, Eduard H., Eindhoven, Netherlands, assignor to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Circuit arrangement for producing a high-frequency oscillation. 2,557,188, June 19.

Hugenholtz, Eduard H., Eindhoven, Netherlands, assignor to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Circuit arrangement comprising an oscillator and a reactance tube. 2,561,056, July 17.

Hugenholtz, Eduard H., Eindhoven, Netherlands, assignor to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Automatic-frequency-control system for an oscillator. 2,564,205, Aug. 14.

Hugenholtz, Eduard H., Eindhoven, Netherlands, assignor to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Device for automatic frequency correction. 2,567,286, Sept. 11.

Hugenholtz, Eduard H., Eindhoven, Netherlands, assignor to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Automatic synchronization of oscillators. 2,572,343, Oct. 23.

Hugenholtz, Eduard H., Eindhoven, Netherlands, assignor to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Automatic frequency and phase control system. 2,574,482, Nov. 13.

Hugenholtz, Eduard H., and F. Krienen, Eindhoven, Netherlands, assignors, by mesne assignments, to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Tube socket and holder for electrical parts. 2,543,577, Feb. 27.

Huggenberger, Arnold U., Zurich, Switzerland. Pneumatic measuring device. 2,539,624, Jan. 30.

Huggins, Maurice L.: *See*—
Sun, Kuan-Han, and Huggins.

Huggins, Robert E., Palos Heights, Ill., assignor to Servicised Products Corporation. Insulating and joint filler material. 2,563,115, Aug. 7.

Huggins, William H., and P. I. Richards, Cambridge, Mass., assignors to the United States of America as represented by the Secretary of War. High-frequency filter. 2,540,734, Feb. 6.

Huggler, Fred, Osceola, Nebr. Guard attachment for the wheels of agricultural implements. 2,551,744, May 8.

Hughes, Albert W.: *See*—
Powell, Wilson M., and Hughes.

Hughes, Arthur C., Jr., Cambridge, Mass., assignor, by mesne assignments, to the United States of America as represented by the Secretary of the Navy. Back illumination device for translucent indicators. 2,566,026, Aug. 28.

Hughes, Claude A., High Point, N. C. Reclining chair. 2,540,947, Feb. 6.

Hughes, Donald A., Norwalk, Conn. Viscosimeter. 2,574,973, Nov. 13.

Hughes, Edward F., West Roxbury, Mass. Hairpin dispensing apparatus. 2,571,450, Oct. 16.

Hughes, Edward H., assignor to Exhibit Supply Company, Chicago, Ill. Puck delivering device. 2,571,365, Oct. 16.

Hughes, Everett C.: *See*—
Bartleson, John D., and Hughes.
Burk, Robert E., and Hughes.
Jones, Arthur L., and Hughes.

Hughes, Everett C., Cleveland Heights, assignor to The Standard Oil Company, Cleveland, Ohio. Mineral oil lubricant containing alkyl ketone-P_2S_5 reaction product. 2,553,588, May 22.

Hughes, Everett C., Cleveland Heights, and J. D. Bartleson, assignors to The Standard Oil Company, Cleveland, Ohio. Esters of P_2S_5-amine reaction products as lubricating oil additives and lubricants containing same. 2,539,424, Jan. 30.

Hughes, Everett C., Cleveland Heights, and J. D. Bartleson, assignors to The Standard Oil Company, Cleveland, Ohio. Preparation of metallic derivatives of the reaction products of phosphorus sulfide and esters or amines by the use of metal cyanamides. 2,553,586, May 22.

Hughes, Everett C., Cleveland Heights, and J. D. Bartleson, assignors to The Standard Oil Company, Cleveland, Ohio. Preparation of metallic derivatives of the reaction products of phosphorus sulfide and esters or amines by the use of metal carbides. 2,553,587, May 22.

Hughes, Francis B., Washington, D. C. High-pressure oil nozzle for grindings. 2,557,106, June 10.

Hughes, Frank C., trustee, assignee: *See*—
Mansfield, William R., and Hughes.

Hughes, Frederick W.: *See*—
Greenwood, Ernest L., Hughes, and Morledge-Hadfield.

Hughes, George C., assignor to Reynolds Gas Regulator Company, Anderson, Ind. Fluid pressure seal. 2,536,370, Jan. 2.

Hughes, Henry, & Son Limited, assignee: *See*—
Crown, William H., and Whitfield.
Perham, Arthur L.
Whitfield, Harold R., and Harrison.

Hughes, Huber C., Sapulpa, Okla. Swing. 2,569,060, Sept. 25.

Hughes, Hugh T., assignor of 50 per cent to M. Janitelli, Cleveland, Ohio. Sheet metal nut. 2,561,473, July 24.

Hughes, James C., New City, N. Y. Calendar date indicator. 2,564,846, Aug. 21.

Hughes, James E., trustee, assignee: *See*—
Gardner, Daniel.

Hughes, James R., Calipatria, assignor, by mesne assignments, to United Geophysical Company, Inc., Pasadena, Calif. Loading and exploding charges in a borehole. 2,550,563, Apr. 24.

Hughes, James T., Jr., Covington, Ky. Dental flask. 2,555,234, May 29.

Hughes, John O. P., Rugby, assignor to The English Electric Company Limited, London, England. Flexible drive. 2,554,739, May 29.

Hughes, Lafayette M., assignee: *See*—
Herbold, Robert J.

Hughes, Lewis H., Kingston, Pa. Jack converter attachment. 2,536,550, Jan. 2.

Hughes, Luther J., Reading, Pa. Trailer brake and equalization system. 2,576,460, Nov. 27.

Hughes, Mary F.: *See*—
Paine, Howard S., and Hughes.

Hughes, Thomas E.: *See*—
Tuck, Ralph, Hughes, and Rigby.

Hughes Tool Company, assignee: *See*—
Weber, Robert D.

Hughes, Walter J., assignor to Infilco Incorporated, Chicago, Ill. Apparatus for regeneration of ion exchangers. 2,538,418, Jan. 16.

Hughes, Walter J., assignor to Infilco Incorporated, Chicago, Ill. Differential pressure gauge. 2,561,700, July 24.

Hughes, Walter J., assignor to Infilco Incorporated, Chicago, Ill. Diaphragm valve. 2,577,967, Dec. 11.

Hughes, William B.: *See*—
Friedman, Louis D., and Hughes.

Hughes, William B., Barnsdall, and Jack Newcombe, Pawhuska, assignors to Cities Service Oil Company, Bartlesville, Okla. Purification of crude alcohols. 2,569,671, Oct. 2.

Hughes, William H., Venice, Calif. Type compositor's angle guide. 2,563,169, Aug. 7.

Hughey, Carter J., assignor to Eastman Kodak Company, Rochester, N. Y. Numbering stamp. 2,566,204, Aug. 28.

Hughey, Howard G., Fanwood, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Apparatus for flame hardening rounds. 2,578,065, Dec. 11.

Hughson, Caleb W., Milton, Mass., assignor to Ditto, Incorporated, Chicago, Ill. Duplicating roll film cleaning device. 2,551,601, May 8.

Hughson, Caleb W., Milton, Mass. Safety guard for duplicating machines. 2,557,107, June 19.

Hugin, Adolph C., Washington, D. C. Micrometric insulation tester. 2,545,782, Mar. 20.

Hugo, Lester A., Bartlesville, Okla., and A. D. Baker, Phillips, Tex., assignors to Phillips Petroleum Company. Pipe-line scraper signaling system. 2,570,951, Oct. 9.

Hugon, Jean J., Paris, France, assignor to Compagnie Generale De Telegraphie Sans Fil. Detecting the presence of objects by means of electromagnetic waves. 2,567,939, Sept. 18.

Huguley, George M., Clenton, S. C. Picker for fly shuttle looms. 2,576,790, Nov. 27.

Huhne, Henry J., Melrose, Minn. Stone picker. 2,569,719, Oct. 2.

Huitema, John J., New Paris, Ind. Stalk cutter. 2,537,586, Jan. 9.

Huitt, Charles C., Myrtle Beach, S. C., and W. L. Parrott, Charlotte, N. C. Sanitary jacket for ice-cream cones and manufacture. 2,557,602, June 19.

Huizinga, Bouke B., Leeuwarden, Netherlands. Separable chain fastener. 2,570,680, Oct. 9.

Hulbert, Edward A.: *See*—
Beardsley, Gale R., and Hulbert.

Hulett, Charles H.: *See*—
Fincher, Blumer V., and Hulett.

Hulfish, Thomas A., Alexandria, Va., and W. G. Waldo, Washington, D. C.; said Hulfish assignor to said Waldo. Decorticating process. 2,551,128, May 1.

Hulfish, Thomas A., Alexandria, Va., and W. G. Waldo, Washington, D. C.; said Hulfish assignor to said Waldo. Decorticating apparatus. 2,551,129, May 1.

Hulick, Alvin F., Macungie, Pa., assignor to Mack Manufacturing Corporation, New York, N. Y. Automatic shifting mechanism for hydraulic-mechanism transmissions. 2,560,870, July 17.

Huling, Frederick S.: *See*—
Dayger, Jonas E., and Huling.

Hull, A. Ray, assignee: *See*—
Eye, William J., and Hull.

Hull, Carl W.: *See*—
Eye, William J., and Hull.

Hull, David C., Kingsport, Tenn., assignor to Eastman Kodak Company, Rochester, N. Y. Continuous oxidation of alcohols. 2,552,175, May 8.

Hull, David C., Kingsport, Tenn., assignor to Eastman Kodak Company, Rochester, N. Y. Direct oxidation of aldehydes and alcohol to acid. 2,578,306, Dec. 11.

Hull, David C., and W. R. Saunders, Kingsport, Tenn., assignors to Eastman Kodak Company, Rochester, N. Y. Furnace for pyrolyzing ketenizable organic compounds. 2,541,471, Feb. 13.

Hull, Delbert E., Watsonville, Calif. Drum tuning device. 2,550,249, Apr. 24.

Hull, Frederick C.: *See*—
Scott, Howard, Gordon, and Hull.
Hull, Harvard L.: *See*—
Hartman, William C., Peoples, and Hull.
Hull Merchants Amalgamated Box Company Limited, assignee: *See*—
Saunders, Cyril W.
Shaw, John, and Saunders.
Hull, R. Dell, Tulsa, Okla. Adjustable gearing. 2,541,360, Feb. 13.
Hull, R. Dell, and W. R. Crawford, San Angelo, Tex., assignors to Castmaster Fishing Reel Corporation, Tulsa, Okla. Backlash preventer for fishing reels. 2,553,589, May 22.
Hull, R. Dell, and W. R. Crawford, assignors to Castmaster Fishing Reel Corporation, Tulsa, Okla. Fishing reel. 2,554,411, May 22.
Hull, Richard, Corinth, Miss. Page end signal for typewriters. 2,573,023, Oct. 30.
Hull, Robert R., Pasadena, assignor to California Fruit Growers Exchange, Los Angeles, Calif. Liquid measuring and dispensing device. 2,570,681, Oct. 9.
Hull, W. Clyde, assignee: *See*—
Chandler, William.
Hullegård, Erik W., assignor to Telefonaktiebolaget L M Ericsson, Stockholm, Sweden. Gaseous discharge tube with arc discharge. 2,559,769, July 10.
Hullhorst, William B., and R. A. Pim, Toledo, Ohio, assignors to Owens-Illinois Glass Company. Apparatus for tightening caps. 2,559,358, July 3.
Hulman & Company, Inc., assignee: *See*—
Beiley, Irving, and Razee.
Hulman, Julius: *See*—
Beaman, Bernard, Stein, and Hulman.
Hulman, Julius, Dayton, Ohio, and C. L. Sadler, Jr., Swarthmore, Pa. Automatic two-speed drive. 2,537,057, Jan. 9.
Hulme, Philip M., Stamford, Conn., assignor to Air Reduction Company, Incorporated, New York, N. Y. Desulfurization of ferrous metals. 2,577,764, Dec. 11.
Hulme, Richard E., Painesville, assignor to Diamond Alkali Company, Cleveland, Ohio. Dehydration of caustic alkali. 2,562,495, July 31.
Hulse, George E., assignor to Hercules Powder Company, Wilmington, Del. 2-methylene-1,3-propylene dichloride homopolymer. 2,571,883, Oct. 16.
Hulse, George E., and E. J. Vandenberg, assignors to Hercules Powder Company, Wilmington, Del. Decomposition of organic hydroperoxides. 2,557,968, June 26.
Hulse, John, assignor of one-half to R. T. Levine, Danbury, Conn. Buffing chuck. 2,560,111, July 10.
Hulse, John R., Dover, N. J. Trailer hitch. 2,575,171, Nov. 13.
Hulsing, Kenneth L.: *See*—
Dickson, John, and Hulsing.
Hulson Company, assignee: *See*—
Simonson, Sigvard.
Hulstede, George E.: *See*—
Hoglund, Ralph H., Hulstede, and Yakutis.
Hult, Oscar N., Eugene, Oreg. Control for automatically presetting blocks on sawmill carriages. 2,574,393, Nov. 6.
Hult, William A. E., San Diego, Calif. Apparatus to produce fresh water from ocean water. 2,546,071, Mar. 20.
Hultgren, Arnold P., River Forest, assignor to American Molded Products Co., Chicago, Ill. Insulated control shaft for variable resistors. 2,536,181, Jan. 2.
Hultgren, Arnold P., River Forest, assignor to American Molded Products Co., Chicago, Ill. Shell for deflection yokes. 2,563,116, Aug. 7.
Hultgren, Arnold P., River Forest, assignor to American Molded Products Co., Chicago, Ill. Strain relief bushing. 2,563,604, Aug. 7.
Hultkrans, Paul R., assignor to Milprint, Inc., Milwaukee, Wis. Radiant heat sealing. 2,562,146, July 24.
Hultquist, Martin E.: *See*—
Breiter, Samuel, and Hultquist.
Hultquist, Martin E., Bound Brook, N. J., assignor to American Cyanamid Company, New York, N. Y. Purification of 4-aminosalicyclic acid. 2,540,785, Feb. 6.
Hultquist, Martin E., Bound Brook, N. J., assignor to American Cyanamid Company, New York, N. Y. 4-aminosalicylic acid composition and preparing the same. 2,552,486, May 8.
Hultquist, Martin E., Bound Brook, and K. L. Howard, Westfield, N. J., assignors to American Cyanamid Company, New York, N. Y. 1,4-disubstituted piperazines. 2,543,972, Mar. 6.
Hultquist, Martin E., Bound Brook, and F. W. Bagienski, Manville, N. J., assignors to American Cyanamid Company, New York, N. Y. Preparing 4-aminosalicylic acid. 2,558,298, June 26.
Hultquist, Martin E., Bound Brook, and K. L. Howard, Westfield, N. J., assignors to American Cyanamid Company, New York, N. Y. Making disubstituted piperazines. 2,562,036, July 24.
Hultquist, Martin E., Bound Brook, and W. B. Wright, Jr., Plainfield, N. J., assignors to American Cyanamid Company, New York, N. Y. Phenolsulfonamides. 2,563,725, Aug. 7.
Hultquist, Martin E., Bound Brook, N. J., and Yellapragada SubbaRow, deceased, Pearl River, by A. J. Bryant, administrator, South Nyack, assignors to American Cyanamid Company, New York, N. Y. Hydroxybenzenesulfonamidopyrazines and preparation of same. 2,572,728, Oct. 23.
Hultquist, Martin E., Bound Brook, and T. F. Scholz, South Plainfield, N. J., assignors to American Cyanamid Company, New York, N. Y. Preparation of 3,4,7-trihaloquinolines. 2,579,320, Dec. 18.
Humason, Granville A., assignor of one-half to E. E. Townes, Jr., Houston, Tex. Wellhead construction. 2,546,638, Mar. 27.
Humason, Granville A., assignor of one-half to E. E. Townes, Jr., Houston, Tex. Combined tester and pressure gauge. 2,565,130, Aug. 21.
Humber, Gustave, Los Angeles, Calif. Resetting bowling pins. 2,566,987, Sept. 4.
Humble, Hilary A.: *See*—
Robinson, Harold A., and Humble.
Hume, Albert N.: *See*—
Erickson, Elmer L., and Hume.
Hume, Gertrude B., Newton, Mass. Toy bead chain. 2,540,369, Feb. 6.
Hume, Horace D.: *See*—
Scheidenhelm, Earl L., and Hume.
Hume, Horace D., Mendota, Ill. Trailer hitch. 2,549,814, Apr. 24.
Hume, William G., Lancaster, Pa., assignor, by mesne assignments, to The Sperry Corporation, New York, N. Y. Locking means for adjustable telescopic members. 2,546,157, Mar. 27.
Humeston, Frederick L., Orange, assignor of one-half to The High Standard Manufacturing Corporation, Hamden, Conn., and one-half to Sears, Roebuck and Co., Chicago, Ill. Magazine throat for firearms. 2,552,429, May 8.
Humeston, Frederick L., Orange, assignor of one-half to The High Standard Manufacturing Corporation, Hamden, Conn., and one-half to Sears, Roebuck and Co., Chicago, Ill. Cartridge-stop means for tubular-magazine firearms. 2,562,037, July 24.
Humfeld, Harry, Berkeley, E. Aeschlimann, Oakland, and J. R. Hoffman, Berkeley, Calif., assignors to the United States of America as represented by the Secretary of Agriculture. Fermentor for submerged cultures. 2,542,031, Feb. 20.
Humiston, Norman E., Lakewood, Ohio, assignor to General Motors Corporation, Detroit, Mich. Ship maneuvering control system. 2,571,451, Oct. 16.
Hummel, August C., Cincinnati, Ohio. Brush moistener. 2,575,495, Nov. 20.
Hummel, Frederick E., assignee: *See*—
Barrett, Edward R.
Hummel, Frederick E., Chicago, Ill. Comb cleaner comprising an oscillating cleaner element which traverses the interstices of the comb. 2,564,847, Aug. 21.
Hummel, Frederick E., Chicago, Ill. Egg boiler. 2,572,934, Oct. 30.
Hummel, Paul H.: *See*—
Linn, Charles E., and Hummel.
Hummer, Charles I.: *See*—
Jablonski, Joseph J., and Hummer.
Hummer, Charles W., Woodhaven, N. Y. Automobile door safety lock. 2,564,600, Aug. 14.
Hummitzsch, Werner, Kapfenberg, assignor to Gebr. Bohler & Co. Aktiengesellschaft, Vienna, Austria. Electrode for cutting and welding under water. 2,552,176, May 8.
Humphrey, Duane W., Wichita, Kans. Jet ejection propulsion. 2,543,024, Feb. 27.
Humphrey, James M., assignor to Doughboy Industries, Inc., New Richmond, Wis. Heat seamer. 2,554,860, May 29.
Humphrey, James M., New Richmond, Wis. Rotary sealer. 2,566,799, Sept. 4.
Humphrey, Nellie M., administratrix: *See*—
Humphrey, Walter E.
Humphrey, Paul E., assignee: *See*—
Watson, James P.
Humphrey, Paul E., San Diego, Calif., assignor to the United States of America as represented by the Secretary of the United States Air Force. Gun charger. 2,576,015, Nov. 20.
Humphrey, Russell A., South Bend, Ind. Luggage carrier for automobiles. 2,537,587, Jan. 9.
Humphrey, Stanley M., assignor to The Taylor-Winfield Corporation, Warren, Ohio. Welding apparatus. 2,553,970, May 22.
Humphrey, Walter E., deceased, Greensburg, Pa.; N. M. Humphrey, administratrix of said W. E. Humphrey. Method and apparatus for applying cover pieces to balls. 2,536,182, Jan. 2.
Humphrey, Warren A., Canton, assignor to The Hoover Company, North Canton, Ohio. Thermal timer for electric toasters. 2,558,438, June 26.
Humphrey, Warren A., Canton, assignor to The Hoover Company, North Canton, Ohio. Swivel joint. 2,570,347, Oct. 9.
Humphreys & Glasgow Limited, assignee: *See*—
Williams, Norman H.
Humphreys, Hanna R., assignor to The Humphreys Railways, Inc., Weems, Va. Apparatus for handling fish. 2,573,907, Nov. 6.

Humphreys, Marion W.: *See*—
Hildebrand, Otto G., and Humphreys.
Humphreys, Marion W., Euclid, Ohio. Jack. 2,560,797, July 17.
Humphreys Railways, Inc., The, assignee: *See*—
Humphreys, Hanna R.
Humphreys, William H.: *See*—
Blazer, Paul G., Leas, and Humphreys.
Hunau, Lillian, Brooklyn, N. Y. Brassière. 2,537,831, Jan. 9.
Hund, Ernest A.: *See*—
Everett, Leroy E., and Hund.
Hundhausen, Robert J., Brentwood, Mo. Spherical triangle calculator. 2,563,840, Aug. 14.
Hungerford, Gordon P.: *See*—
Jurgensen, Delbert E., Jr., and Hungerford.
Hunicke, August B., Spring Hill, Ala. Pile driving measuring instrument. 2,580,299, Dec. 25.
Hunkler, Raymond, East Peoria, Ill. Trench cleaner. 2,551,883, May 8.
Hunn, James V., Avon Lake, assignor to The Sherwin-Williams Company, Cleveland, Ohio. Polyvinyl halide compositions. 2,566,205, Aug. 28.
Hunn, James V., Avon Lake, and J. I. Weeks, Lakewood, assignors to The Sherwin-Williams Co., Cleveland, Ohio. Preservation of proteins. 2,537,762, Jan. 9.
Hunn, Stanley A.: *See*—
Mitchell, Reginald G., Hunn, Green, and Ghijsen.
Hunneman, John R., Jr., Woburn, Mass. Portable drinking fountain. 2,543,025, Feb. 27.
Hunnewell Soap Company, The, assignee: *See*—
Webb, Leslie.
Hunold, Laurence E., Ripon, Wis. Knitting machine guard. 2,539,137, Jan. 23.
Hunsaker, Ben: *See*—
Williamson, Bert, and Hunsaker.
Hunsinger, Johnathon W.: *See*—
Meredith, Frank D., and Hunsinger.
Hunt, A. H., Limited, assignee: *See*—
Grouse, Richard A.
Hunt, C. B., & Son, Inc., assignee: *See*—
Hunt, Nathan C.
Hunt, Clayton E., Jr., assignor to Eastman Kodak Company, Rochester, N. Y. Control arrangement for facsimile apparatus. 2,571,720, Oct. 16.
Hunt, Clayton E., Jr., assignor to Eastman Kodak Company, Rochester, N. Y. Apparatus for synthesizing facsimile signals from coded signals. 2,575,017, Nov. 13.
Hunt, Clayton, E., Jr., assignor to Eastman Kodak Company, Rochester, N. Y. Facsimile scanning device. 2,578,307, Dec. 11.
Hunt, Edwin S., Detroit, Mich. Glass run guide for vehicle windows. 2,539,539, Jan. 30.
Hunt, Everett M., Portsmouth, N. H. Hinge pin spinning machine. 2,540,117, Feb. 6.
Hunt, Everett M., Portsmouth, N. H. Leakage testing apparatus. 2,579,495, Dec. 25.
Hunt, Francis C., London, England. Comb and comb-like device. 2,546,541, Mar. 27.
Hunt, Fred C., West Englewood, N. J. Vaporizer. 2,542,529, Feb. 20.
Hunt, Howard H.: *See*—
Smith, Leathem D., Christianson, Stearn, and Hunt.
Hunt, James J., Harvey, assignor to Pullman-Standard Car Manufacturing Company, Chicago, Ill. Jig clamp arrangement. 2,537,350, Jan. 9.
Hunt, James T., Arlington, Va. Speed responsive device of the flyball type. 2,544,791, Mar. 13.
Hunt, Joseph F., Augusta, Ga. Signaling device for spinning frames. 2,568,337, Sept. 18.
Hunt, Madison: *See*—
Lann, Joseph S., and Hunt.
Hunt, Madison, Claymont, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Hydrazodisulfonate-positive halogen oxidizing agent systems for polymerization initiation. 2,572,028, Oct. 23.
Hunt, Nathan C., assignor to C. B. Hunt & Son, Inc., Salem, Ohio. Fluid pressure intensifier. 2,580,353, Dec. 25.
Hunt, Richard H., Jr., and T. P. Malinowski, Springfield, Mass., assignors to Monsanto Chemical Company, St. Louis, Mo. Modified melamine resins. 2,574,741, Nov. 13.
Hunt, Scott F., Meriden, assignor, by mesne assignments, to Niles-Bement-Pond Company, West Hartford, Conn. Carburetor. 2,540,735, Feb. 6.
Hunt, Scott F., Meriden, assignor, by mesne assignments, to Niles-Bement-Pond Company, West Hartford, Conn. Carburetor. 2,547,579, Apr. 3.
Hunt, Stanley P., assignor to Institute of Textile Technology, Charlottesville, Va. Fabric moisture absorbency tester. 2,545,281, Mar. 13.
Hunt, Theodore M., Tulsa, Okla. Sucker rod fishing tool. 2,567,337, Sept. 11.
Hunt, Theodore M., Tulsa, Okla. Sucker rod fishing tool. 2,573,444, Oct. 30.
Hunt, Thomas B., Marietta, M. W. Odom, Roswell, and J. W. Garrett, Marietta, Ga.; said Hunt and said Garrett assignors to said Odom. Mechanism for operating a comb box on a card. 2,539,081, Jan. 23.
Hunt, Walter D., and K. H. Woodbury, Riverside, Calif. Swing saw with rectilinear motion. 2,551,130, May 1.
Hunt, Walter L., Philadelphia, and W. D. Macgeorge, Havertown, assignors to Automatic Temperature Control Co., Inc., Philadelphia, Pa. Displacement or torque amplifier. 2,568,586, Sept. 18.
Hunt, William E., Brooklyn, N. Y., assignor to United Aircraft Corporation, East Hartford, Conn. Constant speed tilting helicopter rotor head. 2,569,061, Sept. 25.
Hunt, William H., National City, Calif., assignor, by mesne assignments, to Fish Machinery Corporation, Boston, Mass. Filleting fish. 2,577,686, Dec. 4.
Hunt, William J., assignor to Motorola, Inc., Chicago, Ill. Selecting device. 2,566,767, Sept. 4.
Hunt, William T., Jr.: *See*—
Winchester, Amos J., Jr., and Hunt.
Hunt, Wilson P., assignor to Moline Tool Company, Moline, Ill. Honing machine. 2,563,170, Aug. 7.
Hunt, Wilson W.: *See*—
Frevel, Ludo K., Hunt, and Grebe.
Huntar, Felix: *See*—
Nordquist, Ronald E. J., and Huntar.
Huntar, Felix, Livingston, N. J., assignor to American Can Company, New York, N. Y. Overload release drive clutch. 2,539,425, Jan. 30.
Hunter, Alfred W.: *See*—
Cornwell, Ralph T. K., Dunn, and Hunter.
Hunter, Charles G., Santa Monica, assignor, by mesne assignments, to Hunter Douglas Corporation, Riverside, Calif. Ventilated awning. 2,549,201, Apr. 17.
Hunter, Charles R., Camden, N. J. Movable door closure and sealing means. 2,541,421, Feb. 13.
Hunter, Claud M., and W. W. Wingo, Wilburton, Okla. Automatic gate latch. 2,571,452, Oct. 16.
Hunter-Douglas Corporation, assignee: *See*—
Brent, George F.
Hunter, Charles G.
Hunter, Joseph L.
Martin, Thomas.
Royer, Marcel.
Hunter, Edward A., Baton Rouge, La., assignor to Standard Oil Development Company. Preparation of magnesia gels. 2,570,058, Oct. 2.
Hunter, Foster, Baton Rouge, La. Gun rack. 2,556,329, June 12.
Hunter, Frank A., Jr.: *See*—
Baker, James A., and Hunter, Jr.
Hunter, Fred L.: *See*—
De Santis, Vincent J., Hunter, and Majkrzak.
Hunter, Frederick L., Lake Bluff, assignor to Fansteel Metallurgical Corporation, North Chicago, Ill. Apparatus for treating gases. 2,559,720, July 10.
Hunter, George A., Los Angeles, Calif. Liquid dispensing apparatus. 2,559,432, July 3.
Hunter, George D., Rocky Mount, N. C. Rotary fluid motor. 2,536,938, Jan. 2.
Hunter, Herbert T., Baltimore, Md., assignor to Doughnut Corporation of America, New York, N. Y. Apparatus for deep fat cooking. 2,570,127, Oct. 2.
Hunter, Hugh W., assignor to H. McLachlan & Co. Incorporated, Danbury, Conn. Method of and apparatus for blocking hats of felted material. 2,542,676, Feb. 20.
Hunter, James B., Havertown, assignor to The Atlantic Refining Company, Philadelphia, Pa. Dewaxing hydrocarbon oil with vortex separator. 2,538,870, Jan. 23.
Hunter, James H.: *See*—
Rolfson, Stanley T., Hunter, and Hinman.
Hunter, James H., and J. Korman, assignors to The Upjohn Company, Kalamazoo, Mich. Tetrahydronaphthols. 2,553,532, May 15.
Hunter, Joseph L., assignor to Hunter Douglas Corporation, Riverside, Calif. Pulley and cord for Venetian blinds. 2,554,331, May 22.
Hunter, Joseph L., assignor, by mesne assignments, to Hunter Douglas Corporation, Riverside, Calif. Venetian blind. 2,569,171, Sept. 25.
Hunter, Lee., Jr., University City, Mo. Wheel spinner for automobile wheels. 2,565,233, Aug. 21.
Hunter, Lloyd P.: *See*—
Longini, Richard L., Hunter, and Siebert.
Hunter, Lloyd P., Oak Ridge, Tenn., and R. L. Longini, Pittsburgh, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Image intensifier. 2,555,545, June 5.
Hunter, Marshall, Englewood, Colo. Molten metal feeding apparatus. 2,555,134, May 29.
Hunter, Melvin J., assignor to Dow Corning Corporation, Midland, Mich. Organopolysilanes. 2,554,193, May 22.
Hunter, Nathan B.: *See*—
Borzell, John, and Hunter.
Hunter, Orson H., Santa Ana, Calif. Pedestal table with reversible top mechanism. 2,562,426, July 31.
Hunter-Penrose Limited, assignee: *See*—
Kilminster, Arthur R.
Hunter, Philip E.: *See*—
Judson, Charles A., Read, and Hunter.
Hunter, Richard H., Coulsdon, and C. G. Seeds, assignors to Dewrance & Company Limited, London, England. Valve repairing machine. 2,572,485, Oct. 23.
Hunter, Richard S., Franklin Park, Va., assignor to Henry A. Gardner Laboratory, Inc., Bethesda, Md. Photometric comparator instrument. 2,546,450, Mar. 27.
Hunter, Richard S., Franklin Park, Va., assignor to the United States of America as represented by the Secretary of Commerce. Signaling mirror. 2,557,108, June 19.

Hunter, Richard S., Franklin Park, Va., assignor to Henry A. Gardner Laboratory, Inc., Bethesda, Md. Color and color difference meter. 2,574,264, Nov. 6.
Hunter, Robert C., Cleveland, Ohio. Loud-speaker. 2,551,949, May 8.
Hunter, Robert H., assignee: *See*—
Damon, Ralph S., and Hunter.
Hunter, Robert H., Gates Mills, Ohio. Filter element. 2,537,897, Jan. 9.
Hunter, Robert H., Gates Mills, and E. J. Kasper, Highlands Heights, Ohio; said Kasper assignor to said Hunter. Filter unit. 2,537,898, Jan. 9.
Hunter, Robert H., Gates Mills, and E. J. Kasper, Cleveland, Ohio, said Kasper assignor to said Hunter. Coupling. 2,578,933, Dec. 18.
Hunter, Ruby E., Boissevain, Manitoba, Canada. Knitting case. 2,553,971, May 22.
Hunter, Thomas M., Short Hills, N. J. Rotary welding transformer structure. 2,561,739, July 24.
Hunter, Walker F., Jr.: *See*—
Bruins, Richard W., and Hunter.
Hunter, William: *See*—
Baker, George A., and Hunter.
Hunter, William A., assignor to Chrysler Corporation, Highland Park, Mich. Engine lubricating system. 2,548,160, Apr. 10.
Hunter, William A., assignor to Chrysler Corporation, Highland Park, Mich. Valve system for hydraulic transmissions. 2,567,152, Sept. 4.
Huntington, Archer S., Atlantic Beach, N. Y. Thread winder. 2,575,960, Nov. 20.
Huntington, William L., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Servo unit. 2,549,815, Apr. 24.
Huntley, Charles N., Cleveland Heights, and C. E. McKinsey, Painesville, Ohio, assignors to General Electric Company. Method and apparatus for brazing cylindrical stocks. 2,557,745, June 19.
Huntley, Hazen E., Truro, Nova Scotia, Canada. Hot journal brake valve. 2,551,602, May 8.
Huntoon, Maurice, Yakima, Wash., and L. R. J. Johnston, assignors, by mesne assignments, to Brogdex Company, Pomona, Calif. Apparatus for spraying molten material. 2,543,320, Feb. 27.
Huntoon, Robert D., Silver Spring, Md., assignor to the United States of America as represented by the Secretary of the Navy. Frequency selective feedback amplifier. 2,566,333, Sept. 4.
Huntsberger, Herbert D., Cleveland Heights, assignor to Willard Storage Battery Company, Cleveland, Ohio. Manufacturing battery grids. 2,563,936, Aug. 14.
Huntsberry, James J., Kansas City, Mo. Manually manipulable toy in the nature of an animated, climbing figure. 2,547,943, Apr. 10.
Huntsinger, Ellis I., Eau Claire, Wis. Horse-radish composition and producing the same. 2,561,797, July 24.
Huntting, Donald B., West Hartford, assignor to The E. Horton & Son Company, Windsor Locks, Conn. Chuck and dust excluding jacket therefor. 2,538,521, Jan. 16.
Hunzicker, Dean L., and C. T. Walton, assignors to Research Products Corporation, Madison, Wis. Apparatus for slitting and expanding sheet material. 2,537,764, Jan. 9.
Hunziker, Emil, assignor to Lüscher, Leber & Cie A.-G., Berne, Switzerland. Case stand. 2,567,669, Sept. 11.
Hunziker, Guido, Baden, Switzerland. Apparatus for determining the behavior of suspended cables. 2,539,954, Jan. 30.
Huot, Eugene F., St. Paul, Minn. Drill holder. 2,564,601, Aug. 14.
Hupcey, Joseph V., Hempstead, N. Y., assignor to The Sperry Corporation. Ultra-high-frequency attenuator. 2,567,210, Sept. 11.
Hupp, Arleigh G., assignor to The Midland Co., South Milwaukee, Wis. V-belt clutch for power transmission. 2,576,605, Nov. 27.
Hupp, Edward E.: *See*—
Price, Harold W., and Hupp.
Hupp, Edward E., assignor to Bendix Aviation Corporation, South Bend, Ind. Clutch control mechanism. 2,569,003, Sept. 25.
Huppert, Ruth E. W., executrix: *See*—
Huppert, William.
Huppert, William, deceased, New York, N. Y.; R. E. W. Huppert, executrix of said W. Huppert. Electric push-button. 2,550,250, Apr. 24.
Huppert, William, assignor to Kenore Products Corporation, New York, N. Y. Metal hair clip. 2,553,370, May 15.
Huppert, William, deceased, New York, N. Y.; R. E. W. Huppert, executrix. Electric plug. 2,553,371, May 15.
Huppertz, George C., St. Charles, Ill. Multiple control valve. 2,577,524, Dec. 4.
Hurault, Jean L., assignor to Compagnie Generale d'Electricite, Paris, France. Pilot signal system of communication. 2,558,439, June 26.
Hurd Corporation, assignee: *See*—
Zahm, George G.
Hurd Corporation, The, assignee: *See*—
Zahm, George G.
Hurd, Dallas T.: *See*—
Safford, Moyer M., and Hurd.
Wilcock, Donald F., and Hurd.
Hurd, Dallas T., Schenectady, N. Y., assignor to General Electric Company. Preparation of organosilanes. 2,537,763, Jan. 9.
Hurd, Dallas T., Schenectady, N. Y., assignor to General Electric Company. Fabricated article. 2,544,320, Mar. 6.
Hurd, Dallas T., Schenectady, N. Y., assignor to General Electric Company. Synthesis of molybdenum and tungsten carbonyls. 2,554,194, May 22.
Hurd, Dallas T., Schenectady, N. Y., assignor to General Electric Company. Preparation of a metal carbonyl from tungsten or molybdenum oxychloride. 2,557,744, June 19.
Hurd, Dallas T., and M. M. Safford, Schenectady, N. Y., assignors to General Electric Company. Vulcanization of synthetic rubbers with boron hydrides. 2,558,559, June 26.
Hurd, Edwin P., assignor to Hurd Lock and Manufacturing Company, Detroit, Mich. Fishing reel. 2,536,288, Jan. 2.
Hurd, Edwin P., assignor to Hurd Lock and Manufacturing Company, Detroit, Mich. Fishing reel. 2,553,414, May 15.
Hurd, Edwin P., assignor to Hurd Lock & Manufacturing Company, Detroit, Mich. Combined rod handle and fishing reel. 2,559,433, July 3.
Hurd, Edwin P., assignor to Hurd Lock and Manufacturing Company, Detroit, Mich. Fishing reel. 2,578,477, Dec. 11.
Hurd, Fraser A., Liverpool, N. Y. Window opening gauge. 2,567,771, Sept. 11.
Hurd Lock and Manufacturing Company, assignee: *See*—
Dies, Herbert F.
Hurd, Edwin P.
Hurdelbrink, Herman R., Shelbyville, Mich. Vegetable cleaning table and rolls therefor. 2,565,559, Aug. 28.
Hurdle, Burton G.: *See*—
Fitzgerald, James W., Hurdle, and Morse.
Hurlbert, John E., Dishman, Wash. Fire-extinguishing attachment for tractors. 2,561,701, July 24.
Hurlbut, Gordon K., assignor to B. M. C. Manufacturing Corp., Binghamton, N. Y. Compressing tool. 2,556,725, June 12.
Hurley, Albert B., Huntington, N. Y., assignor to North American Paper Process Company, Inc., Dover, Del. Increasing the opacity of sheets or webs of paper, or the like. 2,563,117, Aug. 7.
Hurley, Arthur P., Boise, Idaho. Bathroom cabinet. 2,539,838, Jan. 30.
Hurley, Gerard M.: *See*—
Lindsay, Edward C., and Hurley.
Hurley, Patrick J., assignee: *See*—
Herod, Ray H.
Hurley, Samuel C., Jr., deceased, Danville, Ill.; W. L. Hurley, executrix of said S. C. Hurley, Jr., assignor to W. L. Hurley, Danville, Ill. Apparatus for determining the voltage of a battery. 2,547,324, Apr. 3.
Hurley, Seldon P.: *See*—
Mathews, S. J., Jr., Richardson, Hurley, and Reglin.
Hurley, Wilmina L., assignee, executrix: *See*—
Hurley, Samuel C., Jr.
Hurry, James A., assignor to Gates Rubber Company, Denver, Colo. Making belts. 2,573,642, Oct. 30.
Hurry, James A., assignor to Gates Rubber Company, Denver, Colo. Mold for manufacturing and curing transmission belts. 2,573,643, Oct. 30.
Hurst, Dee A., Haddonfield, and W. J. Miller, Jr., Matawan, N. J., assignors to Allied Chemical & Dye Corporation, New York, N. Y. Producing cyclohexanone-formaldehyde resins. 2,540,885, Feb. 6.
Hurst, Dee A., Haddonfield, and W. J. Miller, Jr., Matawan, N. J., assignors to Allied Chemical & Dye Corporation, New York, N. Y. Cyclohexanone-formaldehyde resin production. 2,540,886, Feb. 6.
Hurst, Earl O., Douglaston, N. Y. Sailboat with pivoted center fin. 2,553,372, May 15.
Hurst, George W., deceased, by J. M. Hurst, executrix, Flemingsburg, Ky. Tobacco press. 2,541,255, Feb. 13.
Hurst, Gilchrist L., South Weymouth, Mass. Apparatus for unloading cargo through a hatchway. 2,563,651, Aug. 7.
Hurst, Jewell M., executrix: *See*—
Hurst, George W.
Hurst, Kenneth, Chattanooga, Tenn. Self-adjusting nose pad and brow rest for optical frames. 2,547,467, Apr. 3.
Hurst, Peter F., assignor to Aeroquip Corporation, Jackson, Mich. Flexible hose. 2,564,602, Aug. 14.
Hurt, Arthur P., South Bend, Ind., assignor to The Kendall Company, Boston, Mass. Protector. 2,552,177, May 8.
Hurt, George C., Warrenton, Oreg. Snap seal fastener. 2,546,542, Mar. 27.
Hurt, Robert H., Charlottesville, assignor to Virginia Polytechnic Institute, Blacksburg, Va. Reaction products of esters of polyphosphoric acids and heavy metal oxides and making same. 2,544,858, Mar. 13.
Hurt, Victor H., Cranston, R. I., assignor to United States Rubber Company, New York, N. Y. Bathing cap. 2,549,376, Apr. 17.
Hurt, Victor H., Cranston, R. I., assignor to United States Rubber Company, New York, N. Y. Closure for liquid containers. 2,566,838, Sept. 4.

Hurt, Victor H., Cranston, and H. T. Sweet, North Providence, R. I., assignors to United States Rubber Company, New York, N. Y. Life preserver. 2,550,562, Apr. 24.

Hurtel, William W., Los Angeles, Calif. Holding device for message-conveying papers. 2,554,620, May 29.

Hurter, Alfred T., assignor to Stadler, Hurter & Company, Montreal, Quebec, Canada. Twin screw mechanical feeder. 2,562,427, July 31.

Hurvitz, Hyman, assignee: *See*—
Smith, Archibald D., Jr.

Hurvitz, Hyman, Washington, D. C., assignor to Melpar, Inc., Alexandria, Va. Magnetic gearing system. 2,548,373, Apr. 10.

Hurwitz, Nathan A., assignor to Book Production Industries, Inc., Chicago, Ill. Book edge printing apparatus. 2,556,474, June 12.

Hurxthal, Alpheus O., Wyncote, Pa. Shoe support. 2,551,603, May 8.

Hurxthal, Alpheus O., Wyncote, and G. W. O'Keeffe, Elkins Park, assignors to Proctor & Schwartz, Inc., Philadelphia, Pa. Packing finned pipe for shipping and handling. 2,570,059, Oct. 2.

Husarik, Edward J., Everett, Wash. Attachment for curtain or drapery rods. 2,546,601, Mar. 27.

Huse, Raymond A., Crandford, and F. W. Gay, Metuchen, N. J. Phase rotation and polarity testing instrument. 2,566,726, Sept. 4.

Huser, Richard J., Mount Healthy, and A. H. Stuhlreyer, Silverton, assignors to The Western States Machine Company, Hamilton, Ohio. Speed control system for centrifugals. 2,551,838, May 8.

Hushley, Walter J., Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Glass for embedding zinc sulfide phosphors. 2,573,200, Oct. 30.

Husqvarna Vapenfabriks Aktiebolag, assignee: *See*—
Rothenborg, Aage, Eriksson, and Magnusson.

Huss, Philip L., La Belle, Fla. Parallel shank dual socket wrench. 2,574,212, Nov. 6.

Hussey, Harold A.: *See*—
Ditz, Charles H., and Hussey.

Hussey, James F., Orlando, Fla., and B. S. Johnson, Merwood Park, assignors to Franklin Research Company, Philadelphia, Pa. Apparatus for the liquid treatment of fruits and vegetables. 2,578,427, Dec. 11.

Hussey, Paul, Indianapolis, Ind. Second-marking clock. 2,547,468, Apr. 3.

Hussey, Russell B., assignor to American Bosch Corporation, Springfield, Mass. Voltage regulator. 2,556,371, June 12.

Hussey, W. H., assignee: *See*—
Pait, Graham.

Hussmann Refrigerator Co., assignee: *See*—
Weber, Theodore E.

Hussnigg, August C., Zurich, Switzerland. Device on machines manufacturing endless cable casings. 2,559,191, July 3.

Husson, Albert W., assignor to Eddystone Machinery & Mill Supplies Co., Chester, Pa. Web winder. 2,537,588, Jan. 9.

Husson, William M., St. Augustine, Fla. Friction grip for flexible lines. 2,547,469, Apr. 3.

Hustad, Hugo R., Detroit, Mich. Leader film. 2,579,581, Dec. 25.

Husted, Donald R., St. Paul, and A. H. Ahlbrecht, White Bear Township, Ramsey County, assignors to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Fluorocarbon aldehydes and their monohydrates. 2,568,500, Sept. 18.

Husted, Donald R., St. Paul, and A. H. Ahlbrecht, White Bear Township, Ramsey County, assignors to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Diacyl esters of fluorocarbon aldehydrols. 2,568,501, Sept. 18.

Husted, Harry F., Shaverton, Pa., assignor to Har-Jo Research Corporation, Newark, N. J. Pipe cutter with spring urged pressure roller. 2,556,694, June 12.

Husted, William D., Dallas, Pa., assignor, by mesne assignments, to Har-Jo Industrial Research Corporation, Newark, N. J. Equalizer ladder base. 2,555,036, May 29.

Hustinx, Marie J. H. E., Maastricht, Netherlands. Separatory funnel for analysis of oils, fats, soaps, and like substances. 2,539,082, Jan. 23.

Huston, Owen H., and J. S. John, assignors to Electro-Mechanical Research, Inc., Houston, Tex. Waterproof headset. 2,538,419, Jan. 16.

Huston, William D., Cranford, N. J., and J. M. Brady, Washington, D. C., assignors to the United States of America as represented by the Secretary of War. Telemetering system. 2,547,009, Apr. 3.

Huston, William D., Cranford, N. J., and J. M. Brady, Washington, D. C., assignors to the United States of America as represented by the Secretary of War. Switch arrangement on phonograph pickup. 2,579,496, Dec. 25.

Huston, William M., Lima, Ohio. Load handling machine. 2,572,029, Oct. 23.

Hutaff, Julian B., assignor to Julian's Incorporated, Fayetteville, N. C. Bottle handling apparatus. 2,543,578, Feb. 27.

Hutcherson, Archie, Detroit, Mich. Center extension table. 2,566,800, Sept. 4.

Hutcheson, Ernest O., Hillsboro, Tex. Smoking device. 2,561,626, July 24.

Hutcheson, Ray R., assignor to E. A. Laboratories, Inc., Brooklyn, N. Y. Dryer-heater. 2,573,445, Oct. 30.

Hutchings, Harold B., Binghamton, N. Y. All-purpose lift attachment for vehicles. 2,551,745, May 8.

Hutchins, Charles C.: *See*—
Bowes, Thomas D., Schulte, and Hutchins.

Hutchins, Joseph W., Bartlesville, Okla., assignor to Phillips Petroleum Company. Analyzer. 2,579,825, Dec. 25.

Hutchins, Loren H., Jr., Wakefield, assignor to Simplex Wire & Cable Co., Cambridge, Mass. Nonmetallic armored electrical submarine cable. 2,576,227, Nov. 27.

Hutchins, Paul L., Cuyahoga Falls, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Conveyer belt. 2,575,813, Nov. 20.

Hutchinson, Alice M., Akron, Ohio. Attachment for telephones. 2,538,458, Jan. 16.

Hutchinson, Alton E., Milwaukee, Wis., assignor to Dowi Products, Inc. Electric cigarette lighter. 2,557,225, June 19.

Hutchinson, Arthur J. L., assignor to Fish Engineering Corporation, Houston, Tex. Pulsation dampener. 2,570,241, Oct. 9.

Hutchinson, Harry M.: *See*—
Carter, Robert E., and Hutchinson.

Hutchinson, Henry M.: *See*—
Staudinger, Johann J. P., and Hutchinson.

Hutchinson, Henry M., Banstead, and J. J. P. Staudinger, Ewell, England, assignors to The Distillers Company, Limited, Edinburgh, Scotland. Production of polystyrene beads. 2,566,567, Sept. 4.

Hutchinson, Henry M., Minneapolis, Minn. Metal ladder. 2,552,630, May 15.

Hutchinson, John R., Paradise, Pa. Foldable viewer. 2,543,240, Feb. 27.

Hutchinson, Leonard, Burgh Heath, F. C. Bristow, Tottenham, London, and F. W. Binks, Palmers Green, London, England. Lighter. 2,552,718, May 15.

Hutchinson, Loren K., Chicago, Ill. Container with replaceable tacky rotary device and having handle forming portions. 2,542,774, Feb. 20.

Hutchinson, Robert H., Dallas, Tex. Adjustable screen door grille. 2,562,428, July 31.

Hutchinson, William M., Bartlesville, Okla., assignor to Phillips Petroleum Company. Production of carboxyalkyl cellulose ethers. 2,555,446, June 5.

Hutchinson, William S., Port Jefferson, N. Y. Boring bar. 2,551,948, May 8.

Hutchison, Alexander C.: *See*—
Taylor, James, Holm, and Hutchison.

Hutchison, Berdice L.: *See*—
Simmons, Verlie, and Hutchinson.

Hutchison, Calvin E., and W. F. Spivey, Jr., Seaside, Oreg. Releasable article carrier. 2,577,464, Dec. 4.

Hutchison, Frank E., Houston, Tex. Grounding contact. 2,549,471, Apr. 17.

Hutchison, Harry H.: *See*—
Duff, Nehman R., and Hutchison.

Hutchison, Leon H., New Orleans, La. Combined payroll check and timecard. 2,536,371, Jan. 2.

Hutchison, Miller R., Jr., assignor to Eastman Kodak Company, Rochester, N. Y. Reel spindle. 2,548,534, Apr. 10.

Huthsing, Charles K., Jr., Beverly Hills, Calif. Apparatus for controlling corrosion in fire extinguishers. 2,563,171, Aug. 7.

Hutkin, David L., and L. Lettes, Memphis, Tenn. Cuff marking device. 2,574,148, Nov. 6.

Hutsell, Thomas A., Renton, Wash. Foam controlling dispenser for effervescent liquids. 2,568,632, Sept. 18.

Hutson, Robert J., Los Angeles, Calif. Telephone handset guard. 2,564,262, Aug. 14.

Hutt, Arthur R., Hopatcong, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Apparatus for introducing gases into molten metal. 2,545,663, Mar. 20.

Hutt, Arthur R., Chatham, N. J., assignor to Air Reduction Company, Incorporated. Universal torch machine. 2,571,248, Oct. 16.

Hutt, John W., assignor to Canada Foils Limited. Toronto, Ontario, Canada. Moisture-vapor-proof pouch. 2,565,026, Aug. 21.

Hutt, Milton H., Moorestown, N. J., assignor to Radio Corporation of America. Reel spindle adapter knob. 2,560,225, July 10.

Hutten, Henry B., Arlington Heights, Ill. Adjustable sectional sun visor. 2,548,309, Apr. 10.

Hutter, Edwin C.: *See*—
Bernet, Edwin J., and Hutter.

Hutter, Rudolf G. E., Flushing, N. Y., assignor to Sylvania Electric Products, Inc. Deflection system for cathode-ray tubes. 2,572,861, Oct. 30.

Hutter, William H., Chicago, Ill. Phonograph needle. 2,543,497, Feb. 27.

Hutter, William H., Chicago, Ill. Phonograph needle. 2,557,350, June 19.

Huttig Sash & Door Co., assignee: *See*—
Conroy, George A., and Trammell.
Trammell, Earl M., Sr.

Hutton, Paul C., Istanbul, Turkey. Mechanical power unit. 2,555,928, June 5.

Hutton, Percy D., Buffalo, N. Y. Fluid powered wheeled automotive vehicle. 2,558,562, June 26.

Hutton, Philip C., assignor to Silentbloc, Limited, London, England. Apparatus for assembling rubber bearings. 2,550,564, Apr. 24.
Hutzelman, Howard E.: *See*—
Catlin, John P., Reynolds, and Hutzelman.
Huxham, Trevor S., East Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Molding apparatus. 2,541,923, Feb. 13.
Huyck, Ralph S., assignor to Bendix Products Corporation, South Bend, Ind. Hydraulic brake. 2,566,614, Sept. 4.
Huye Space Saving Box System Inc., assignee: *See*—
James, Louise.
Jubin, Joseph E.
Huyett, Daniel D., assignor to Atlas Powder Company, Wilmington, Del. Crimping apparatus. 2,541,361, Feb. 13.
Huzenlaub, Erich G., Brentford, and F. H. Rogers, Elmhurst, Kenley, England, assignors to Mars and Huzenlaub, Chicago, Ill. Altering flavor of cereals. 2,539,999, Jan. 30.
Huzenlaub, Erich G., Brentford, and F. H. Rogers, Kenley, England, assignors to Mars and Huzenlaub, Chicago, Ill. Vacuum drying cylinders, particularly for grain. 2,547,393, Apr. 3.
Huzenlaub, Erich G., Brentford, and F. H. Rogers, Elmhurst, Kenley, England, assignors to Mars and Huzenlaub, Chicago, Ill. Treatment of cereals. 2,555,235, May 29.
Hyatt, Arnold J., Richmond Hill, assignor to A. F. Smuckler & Co., Inc., Brooklyn, N. Y. Attenuator. 2,548,024, Apr. 10.
Hyatt, Clarence D., Louisville, Ky. Record cabinet. 2,550,251, Apr. 24.
Hyatt, Edward F., assignee: *See*—
Verga, Michael E.
Hyatt, Morris, Philadelphia, Pa. Circumcision instrument. 2,548,670, Apr. 10.
Hyatt, Norman J., Williamsville, N. Y. Bottle handling apparatus. 2,553,373, May 15.
Hyatt, Samuel W., assignor to D. L. Auld Company, Columbus, Ohio. Cable-anchoring and -tightening device. 2,540,887, Feb. 6.
Hyatt, Samuel W., assignor to D. L. Auld Company, Columbus, Ohio. Cable-clamping and anchoring device. 2,540,888, Feb. 6.
Hybinette, Sven E.: *See*—
Camin, Etienne L. A., Hybinette, and Taylor.
Hyche, E. J., assignee: *See*—
Hanson, Oscar.
Hyche, John H., Fairfield, Ala. Repairing reheating furnace. 2,564,009, Aug. 14.
Hycon Mfg. Company, assignee: *See*—
Akers, Irving W.
Hyde, A. R., & Sons Company, assignee: *See*—
Rossi, Rocco F., and R. A. and G. Hyde.
Vietas, Frank.
Hyde, Arthur L., Greenloch, N. J. Hollow toilet seat. 2,540,620, Feb. 6.
Hyde, Benjamin D., Cambridge, assignor to B. B. Chemical Co., Boston, Mass. Machine for stretching and coating webs of sheet material. 2,577,013, Dec. 4.
Hyde, G.: *See*—
Rossi, Rocco F., and R. A. and G. Hyde.
Hyde, George J.: *See*—
Sampson, Frederick W., and Hyde.
Hyde, James F., assignor to Corning Glass Works, Corning, N. Y. Condensation of siloxanes. 2,542,334, Feb. 20.
Hyde, James F., assignor to Corning Glass Works, Corning, N. Y. Organopolysiloxanes prepared by the reaction of salts of silanols with halosilanes. 2,567,110, Sept. 4.
Hyde, James F., Corning, N. Y., assignor to Dow Corning Corporation, Midland, Mich. Siloxane elastomers comprising a modified acid polymer and filler. 2,571,039, Oct. 9.
Hyde, James F., Corning, N. Y., assignor to Dow Corning Corporation, Midland, Mich. Preparing chlorosiloxanes. 2,571,884, Oct. 16.
Hyde, James F., assignor to Corning Glass Works, Corning, N. Y. Coated metal mold for blowing glass and preparing the same. 2,573,337, Oct. 30.
Hyde, James F., assignor to Corning Glass Works, Corning, N. Y. Separation of organosilicon materials. 2,574,265, Nov. 6.
Hyde, James F., and S. D. Stookey, assignors to Corning Glass Works, Corning, N. Y. Multicellular glass and making. 2,564,978, Aug. 21.
Hyde, John, Pittsburgh, Pa. Combination wagon and sled. 2,544,163, Mar. 6.
Hyde, Lawrence K., Washington, D. C., assignor to Baldwin-Lima-Hamilton Corporation. Multirange extensometer. 2,578,066, Dec. 11.
Hyde Manufacturing Company, assignee: *See*—
Thomas, Alexander.
Hyde, Ralph A.: *See*—
Rossi, Rocco F., and R. A. and G. Hyde.
Hyde, Robert W.: *See*—
Bevins, James E., and Hyde.
Hyde, T. L., assignee: *See*—
Walters, Herbert E.
Hyde Park Lumber Company, The, assignee: *See*—
Angus, Harold F., and Franklin.
Hydorn, Rex R., Balboa, Calif. Artificial limb. 2,545,146, Mar. 13.
Hydraulic Brake Company, assignee: *See*—
Bradbury, Clifford C.
Heidloff, Joseph R.
La Brie, Ludger E.
Hydraulic Equipment Company, assignee: *See*—
Hrdlicka, Edward J., Jr.
Stephens, William T.
Hydraulic Supply Manufacturing Co., assignee: *See*—
Reese, Mark G.
Hydril Corporation, assignee: *See*—
Lewis, George E.
Stone, Albert L.
Hydro-Blast Corporation, The, assignee: *See*—
Luce, Roy L.
Hydro-Cam Drives Corporation, assignee: *See*—
McKibben, Horace E., and Newton.
Hydrocarbon Research, Inc., assignee: *See*—
Benedict, Manson, Wagstaff, and Webb.
Burns, James A., and Engel.
Engel, Edward G., and Hufnagel.
Frankenburg, Walter G.
Garbo, Paul W.
Garbo, Paul W., and Riblett.
Hoffert, Frank D.
Jenny, Frank J.
Jenny, Frank J., and Scheibel.
Keith, Percival C.
Keith, Percival C., and Riblett.
Hydro-Form Corporation, assignee: *See*—
Chyba, Joseph A.
Hydromotor, Incorporated, assignee: *See*—
Moushey, Charles L., and Hall.
Hydro Power, Inc., assignee: *See*—
Zoll, Carl M.
Hydropress, Incorporated, assignee: *See*—
Bertrand, Joseph V.
Bertrand, Joseph V., and Shaw.
Cozzo, Giuseppe.
Hoffman, Leo.
Shaw, George B.
Hydroway, Incorporated, assignee: *See*—
McGuire, Arthur M.
Hyer, C. H., & Sons, assignee: *See*—
Hawkins, Earl R.
Hyer, Charles H., West Baden Springs, Ind. Automatic back water valve. 2,554,053, May 22.
Hygroequipments Limited, assignee: *See*—
Dickinson, Richard H.
Hyland, Daniel F., St. Louis, Mo. Cutting guide for cutting fishing bait. 2,559,434, July 3.
Hyland, Daniel F., St. Louis, Mo. Combination spoon lure. 2,567,813, Sept. 11.
Hyland, Guy C., Plainfield, N. J. Game board for simulating a card game. 2,542,870, Feb. 20.
Hyland, William A., Horicon, Wis., assignor to John Deere Van Brunt Company. Grain drill axle construction. 2,556,086, June 5.
Hyland, William A., Horicon, Wis., assignor to John Deere Van Brunt Company. Grain drill level indicator. 2,570,952, Oct. 9.
Hyland, William A., and R. R. Borngraeber, Horicon, Wis., assignors to John Deere-Van Brunt Company. Press wheel attachment for grain drills. 2,563,172, Aug. 7.
Hyler, Loiell L., assignor to La Plant-Choate Manufacturing Company, Incorporated, Cedar Rapids, Iowa. Earth mover. 2,565,499, Aug. 28.
Hyler, Loiell L., assignor to La Plant-Choate Mfg. Co., Inc., Cedar Rapids, Iowa. Apron and ejector control linkage for earth movers of the carry type. 2,565,851, Aug. 28.
Hyler, Loiell L., and M. H. Galbraith, assignors to La Plant-Choate Manufacturing Co., Inc., Cedar Rapids, Iowa. Apron and ejector control for earth moving apparatus. 2,565,850, Aug. 28.
Hyman, Benjamin M., Moline, Ill., assignor to International Harvester Company. Portable elevator with tensioning means for raising conveyer chute. 2,573,908, Nov. 6.
Hyman, Benjamin M., Moline, Ill., assignor to International Harvester Company. Cornhusking attachment for portable farm elevators. 2,573,909, Nov. 6.
Hyman, Benjamin M., Moline, Ill., assignor to International Harvester Company. Spring balanced receiving conveyer for portable elevators. 2,577,328, Dec. 4.
Hyman, Benjamin M., and E. K. Karlsson, Moline, Ill., assignors to International Harvester Company. Conveyer for tractor-mounted corn pickers. 2,546,750, Mar. 27.
Hyman, Joseph B., Scotch Plains, N. J., assignor to Catalin Corporation of America. Copolymerization catalyzed by mixture of peracetic acid and another organic peroxide. 2,566,206, Aug. 28.
Hyman, Julius, & Company, assignee: *See*—
Bluestone, Henry, Lidov, Knaus, and Howerton.
Hyman, Mark, Jr.: *See*—
Land, Edwin H., Mahler, and Hyman.
Hyman, Sidney, New York, N. Y. Handbag construction. 2,573,766, Nov. 6.
Hynes, Dibrell P., and H. H. Moss, assignors to Chicago Forging & Manufacturing Company, Chicago, Ill. Pressure fitting for tube joints. 2,547,394, Apr. 3.
Hynes, Lee P., Haddonfield, N. J. Electric resistance heater and heated vessel. 2,536,747, Jan. 2.

Hynes, William M., La Grange, Ill. Aircraft cabin air conditioning system and control valve therefor. 2,562,918, Aug. 7.
Hynson, Westcott & Dunning, Incorporated, assignee: *See*—
Brewer, John H.
Curtis, Raymond M., Brewer, and Stickels.
Hyre, Mary L., assignee: *See*—
Ajero, Fortunato S.
Hyser, Charles L., Bronxville, N. Y., assignor to Orajet Corporation, Wilmington, Del. Dental fountain cleaner. 2,550,565, Apr. 24.
Hyslop, James, St. Clairsville, Ohio, assignor to Pittsburgh Consolidation Coal Company, Pittsburgh, Pa. Treating granular solids. 2,578,357, Dec. 11.
Hyster Company, assignee: *See*—
Ehmann, Leslie G.
Shoemaker, Robert C.
Smith, William W.
Hyvonen, Erkki A., Helsinki, Finland. Saw set for bucksaw blades. 2,559,359, July 3.
I/S Anitil, assignee: *See*—
Tillisch, Henry C. E.
I. T. E. Circuit Breaker Company, assignee: *See*—
Bohn, Donald I.
Caswell, Arthur S.
Edmunds, William H.
Fredrickson, E. H.
Jensen, Otto.
Scott, Ashton T.
Scott, William M., Jr.
Spicer, George W.
Wood, Joseph D.
Wood, Joseph D., and Spicer.
Yarrick, Charles J.
Iams, Harley, Princeton, N. J., assignor to Radio Corporation of America. Radio wave focusing device. 2,566,703, Sept. 4.
Iams, Harley, Venice, Calif., assignor to Radio Corporation of America. Directive antenna system. 2,556,087, June 5.
Iams, Harley, Venice, Calif., assignor to Radio Corporation of America. Focusing device for centimeter waves. 2,576,181, Nov. 27.
Iannone, Armand A., Corona, and L. La Polla, East Elmhurst, N. Y. Combined toothbrush holder and tooth paste tube dispenser. 2,548,535, Apr. 10.
Iavelli, Teno, Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Hydrodynamic transmission. 2,551,746, May 8.
Iavelli, Teno, Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Planetary transmission. 2,578,308, Dec. 11.
Ibsch, Ernest A., Jr., Fresno, Calif. Laminated vessel. 2,542,413, Feb. 20.
Icecrafter Trust, assignee, trustee: *See*—
Bayston, John R.
Ichniowski, Casimir T.: *See*—
Rosen, Harry, and Ichniowski.
Ickes, George, assignor to Deere & Company, Moline, Ill. Wheel and axle assembly for variable tread vehicles. 2,562,720, July 31.
Ickes, Gilbert P., Elyria, and C. D. Miller, Amherst, Ohio. Threaded fastener. 2,565,852, Aug. 28.
Ickes, William W., assignee: *See*—
Nelson, Rupert.
Ickler, Alfred M., Mount Clemens, Mich. Game ring. 2,542,252, Feb. 20.
Idaho Sprocket and Machine Works, assignee: *See*—
Schrock, Daniel A.
Idar, Karl H., and G. Lindahl, assignors to Allmana Svenska Elektriska Aktiebolaget, Vasteras, Sweden. Regulating mechanism for winding rolled material. 2,539,540, Jan. 30.
Iddings, Carl: *See*—
Bowden, Garfield A., and Iddings.
Iddings, Charles D.: *See*—
Woolslayer, Homer J., Jenkins, and Iddings.
Ideal Clamp Manufacturing Co., Inc., assignee: *See*—
Zaleske, Michael J.
Ideal Industries, Inc., assignee: *See*—
Beck, Roland D.
Ideal Latex Corporation, assignee: *See*—
Beal, Carl L.
Ideal Novelty & Toy Co., assignee: *See*—
Baggott, Edmund W.
Shrier, Martin.
Wintriss, George.
Ideal Toy Corporation, assignee: *See*—
Baggott, Edmund W.
Idelman, Jerome S., Chicago, Ill. Cutting machine. 2,549,202, Apr. 17.
Idle, James G., Mansfield, Ohio, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Dishwashing apparatus having detergent dispensing means. 2,552,852, May 15.
Idle, James G., Mansfield, Ohio, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Dishwashing apparatus. 2,572,935, Oct. 30.
Iesersek, Dante P., Mamaroneck, N. Y. Comb. 2,551,131, May 1.
Iezzi, Domenic P.: *See*—
Georgeina, Paul F., and Iezzi.
Ifanger, Eduard, Uster, assignor to Edouard Dubied & Cie., S. A., Neuhatel, Switzerland. Automatic driving device for machine tools. 2,558,252, June 26.
Ifield, Richard J.: *See*—
Hooker, Stanley G., Watson, and Ifield.
Watson, Ernest A., and Ifield.
Ifield, Richard J., assignor to Joseph Lucas Limited, Birmingham, England. Governing means, including a fluid pressure responsive member and a control device therefor. 2,564,263, Aug. 14.
Ifield, Richard J., Exeter, New South Wales, Australia, assignor to Joseph Lucas Limited, Birmingham, England. Fluid pressure responsive regulating means for use in liquid supply systems. 2,579,147, Dec. 18.
Ifield, Richard J., and E. A. Watson, assignors to Joseph Lucas Limited, Birmingham, England. Liquid-fuel injection means for prime movers. 2,540,395, Feb. 6.
Ifield, Richard J., Dural, New South Wales, Australia, and O. N. Lawrence, Dorridge, assignors to Joseph Lucas Limited, Birmingham, England. Controlling the temperature of hot gases. 2,544,427, Mar. 6.
Igler, Emmerich T., New York, N. Y. Rack. 2,536,059, Jan. 2.
Igoe, Stanley B. N., San Juan, P. R. Kitchen spoon tongs. 2,561,374, July 24.
Ihle Manufacturing Company, assignee: *See*—
Ihle, Orden E., and Kapteyn.
Ihle, Orden E., Glendale, and E. J. Kapteyn, Los Angeles, assignors to O. E. Ihle, doing business as Ihle Manufacturing Company, Glendale, Calif. Combined container and dispenser for liquids. 2,559,877, July 10.
Ihlein, Ludwig A., Philadelphia, Pa. Curb finders for motor vehicles. 2,561,865, July 24.
Ihling Bros. Everard Company, assignee: *See*—
Ihling, Paul J.
Ihling, Paul J., assignor to Ihling Bros. Everard Company, Kalamazoo, Mich. Case for fraternity aprons. 2,538,689, Jan. 16.
Ihling, Paul J., assignor to Ihling Bros. Everard Co., Kalamazoo, Mich. Case for ritualistic aprons and the like. 2,555,694, June 5.
Ihly, William L.: *See*—
Russell, Robert D., and Ihly.
Ihsen, Hulda M.: *See*—
Leonard, Joseph, and Ihsen.
Ijichi, Kosuke: *See*—
Garibaldi, John A., Ijichi, Lewis, and McGinnis.
Iknayan, Alfred N., Indianapolis, Ind., assignor to United States Rubber Company, New York, N. Y. Inner tube. 2,550,193, Apr. 24.
Iknayan, Alfred N., and D. A. Macdonald, Indianapolis, Ind., assignors to United States Rubber Company, New York, N. Y. Separable backing for repair material. 2,550,151, Apr. 24.
Iknayan, Alfred N., and A. B. Clayton, Indianapolis, Ind., assignors to United States Rubber Company, New York, N. Y. Splicing rubber articles. 2,550,566, Apr. 24.
Iknayan, Alfred N., and A. B. Clayton, Indianapolis, Ind., assignors to United States Rubber Company, New York, N. Y. Apparatus for splicing rubber articles. 2,576,940, Dec. 4.
Ilac Products Corporation, assignee: *See*—
Dosberg, Harry E.
Ilch, Theodore E., Hempstead, assignor to United States Plywood Corporation, New York, N. Y. Apparatus for making plywood tubing. 2,574,920, Nov. 13.
Iler, Ralph K.: *See*—
Goebel, Max T., and Iler.
Iler, Ralph K., Cleveland Heights, Ohio, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Cyclic polymeric organo silicates and preparing same. 2,547,944, Apr. 10.
Iler, Ralph K., Cleveland Heights, and F. J. Wolter, Cleveland, Ohio, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of polymetaphosphate solutions. 2,557,109, June 19.
Ilex Optical Company, assignee: *See*—
Schwarz, Alfred.
Ilford Limited, assignee: *See*—
Collins, Ronald B., Edwards, and Pratt.
Collins, Ronald B., Smith, and Pratt.
Dickinson, Harold O.
Doyle, Frank P., and Kendall.
Duffin, George F., and Kendall.
Edwards, Harry D.
Fry, Douglas J.
Horner, Reginald G.
Kendall, John D., and Duffin.
Kendall, John D., and Fry.
Ilg Electric Ventilating Company, assignee: *See*—
Pfautsch, Raymond V.
Ilgenfritz, Lester M., Mamaroneck, N. Y., and R. W. Ketchledge, Middlesex, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. System for testing cable repeater. 2,580,097, Dec. 25.
Ilker, Elmer C., Wilmette, assignor to Essex Wire Corporation, Chicago, Ill. Electrical apparatus. 2,565,234, Aug. 21.
Ille, Vincent J., Levelland, Tex. Drafting apparatus. 2,551,747, May 8.
Illges, Norman S., and J. E. Stoltz, assignors to Shannon Hosiery Mills, Incorporated, Columbus, Ga. Stocking and making the same. 2,539,582, Jan. 30.

Illies, Henry F., Fosston, Minn. Portable derrick crane. 2,568,959, Sept. 25.
Illinois Fannie May Candy Company, assignee: *See*—
Arnold, Fred J.
Illinois Glove Company, assignee: *See*—
Steinle, Edward M.
Illinois Railway Equipment Company, assignee: *See*—
Johnson, Malcolm S.
Smith, Edward P., and Johnson.
Illinois Stamping & Mfg. Co., assignee: *See*—
Lundberg, Frank C.
Illinois Testing Laboratories, Inc., assignee: *See*—
Boyle, John R.
Illinois Tool Works, assignee: *See*—
Anderson, William C.
Baumle, Rudolf K. F.
Burdick, Hugh T.
Crowther, Edmond C.
De Swart, Jan.
Knohl, Friedrich K.
Poupitch, Ougljesa J.
Rees, Clarence A.
Stern, William.
Swanson, Forrest R.
Illinois Watch Case Co., assignee: *See*—
Case, Percival H., Karr, and Koeber.
Fyfe, Clayton.
Karr, Philip L.
King, David M.
Kuehn, John J.
Illis, Alexander: *See*—
Queneau, Paul E., Sproule, and Illis.
Illium Corporation, The, assignee: *See*—
Johnson, Thomas E.
Illman, John C.: *See*—
Derr, Elwood L., and Illman.
Illmer, Louis, Cortland, N. Y. Unidirectional strand processing machine. 2,570,953, Oct. 9.
Illmer, Louis, Cortland, N. Y., and V. R. Pallas, Kent, Ohio. Reversible single layer wire grinder. 2,551,377, May 1.
Illsche, Arthur, Rye, N. Y. Releasing fouled boat anchors. 2,568,006, Sept. 18.
Illuminating Engineering Company, assignee: *See*—
Pretzer, Bert C.
Image, William E., Salford, England. Apparatus for printing on textile fabrics. 2,562,984, Aug. 7.
Imber, Jack, Greenford, England. Liquid fuel burner radiant heating element. 2,569,315, Sept. 25.
Imbert, Jean: *See*—
Anxionnaz, René, and Imbert.
Imbert, Roger J., assignor to Societe Rateau (Société Anonyme), and Rene Anxionnaz, Paris, France. Regulating device for the outlet section of a reaction propeller tube or nozzle. 2,557,435, June 19.
Imbert, Roger J., assignor to Societe Rateau (Société Anonyme) and René Anxionnaz, Paris, France. Gas turbine. 2,565,178, Aug. 21.
Imbert, Roger J., assignor to Societe Rateau (Société Anonyme), and R. Anxionnaz, Paris, France. Fluid thrust bearing. 2,570,682, Oct. 9.
Imerman, Arthur, Undergarment Co., Inc., assignee: *See*—
Handler, Ben.
Imhoff, Donald H.: *See*—
Berg, Clyde H. O., and Imhoff.
Imhoff, Donald H., Long Beach, assignor to Union Oil Company of California, Los Angeles, Calif., Adsorption process and apparatus. 2,545,850, Mar. 20.
Imhoff, Donald H., and C. H. O. Berg, Long Beach, assignors to Union Oil Company of California, Los Angeles, Calif. Adsorption process. 2,575,519, Nov. 20.
Imm, Lewis W., Los Angeles, assignor to Librascope, Incorporated, Glendale, Calif. Electrical switching mechanism. 2,576,903, Nov. 27.
Immel, Ralph B.: *See*—
Ponstingl, John C., and Immel.
Immel, Ralph B., Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Electromagnetic actuator. 2,546,000, Mar. 20.
Immel, Ralph B., Wilkinsburg, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Auxiliary contact assembly. 2,546,001, Mar. 20.
Imobersteg, Werner, Nussbaumen, near Baden, Switzerland. Small soldering iron. 2,562,791, July 31.
Impact Mixing Corporation, assignee: *See*—
Sommer, Albert.
Imperia, assignee: *See*—
Mathieu, Adelin A.
Imperia, Societe Anonyme, assignee: *See*—
Mathieu, Adelin A.
Imperial Brass Manufacturing Company, The, assignee: *See*—
Dobrick, August C.
Franck, George E.
Imperial Chemical Industries Limited: *See*—
Thomson, Thomas, and Reid.
Imperial Chemical Industries Limited, assignee: *See*—
Ashcroft, Donald G.
Ashcroft, Donald G., and Stewart.
Baird, William, and Crowley.
Baird, William, Parry, and Thompson.
Imperial Chemical Industries Limited, assignee: *See*—Continued.
Beech, Walter F., and Mendoza.
Boon, William R., and Carrington and Vasey.
Boon, William R., and Jones.
Bremner, John G. M.
Bremner, John G. M., and Beaumont.
Bremner, John G. M., Jones, and Coats.
Briggs, Arthur S., and Haworth.
Buckley, Gerard D., and Ray.
Burness, Alexander, and Williams.
Burrage, Leslie J., and Smart.
Campbell, George R.
Campbell, Ray, Tetlow, and Thomson.
Carter, Charles, and Glass.
Carter, Charles, and Ravenscroft.
Chadwick, Richard, and Heaton.
Chamberlain, Kenneth A. J., and Fairweather.
Coffey, Samuel, Fairweather, Hathway, and Slinger.
Coffey, Samuel, Fairweather, Lodge, and Wardleworth.
Coffey, Samuel, Haddock, Lodge, Wardleworth, and Wood.
Coffey, Samuel, Lodge, and Wardleworth.
Crawford, Frederick A. F.
Curd, Francis H. S., and Richardson.
Curd, Francis H. S., and Rose.
Douglas, George T., Lowe, and Robinson.
Fearey, James E.
Fordham, Stanley.
Fordham, Stanley, and Cockbain.
France, Harold, and Haddock.
Haddock, Norman H., and Wood.
Hall, Cecil R. L.
Hedley, Arthur G. M.
Heywood, Basil J., and Knight.
Hirsh, Benjamin W.
Jackson, Harry, and Jones.
Joscelyne, Francis M.
Jones, William O.
Kerr, Hugh M., and Hall.
Landquist, Justus K.
Lyne, Ralph R.
Lyne, Ralph R., and Clark.
McNeil, Donald, and Reynolds.
Pring, John N.
Ratcliffe, Alfred, and Talbot.
Ravenscroft, Arthur W.
Reynolds, Peter W., and Grudgings.
Robson, Alan C., and Slinger.
Rose, Francis L.
Sharp, Frederick L.
Sanderson, Albert K.
Seed, Leslie.
Small, Kathleen W. and P. A.
Taylor, James.
Taylor, James, Holm, and Hutchison.
Tetlow, William E., and Thomson.
Thomson, Robin H. K., Tetlow, and McDonald.
Topham, Arthur.
Tyerman, William.
Wardleworth, James.
Waters, Edmund, and Wood.
Watters, Andrew J., and Shepherd.
Whetstone, John, and Taylor.
Wright, Harold R., and Allan.
Zenftman, Henryk, and McLean.
Imperial Machine Company, assignee: *See*—
Peffer, Alrid B.
Imperial Paper and Color Corporation, assignee: *See*—
Jones, George F.
Imperial Products, Inc., assignee: *See*—
Petersen, Simon J.
Impregnated Diamond Products Limited, assignee: *See*—
Neven, Pierre.
Improved Tool & Manufacturing Company, assignee: *See*—
Witek, Thomas A.
Gordon, Stuart, and Whitworth.
Imse, Philip J., assignor to Chain Belt Company, Milwaukee, Wis. Conveyer chain. 2,564,533, Aug. 14.
Imse, Philip J., assignor to Chain Belt Company, Milwaukee, Wis. Conveyor chain. 2,569,636, Oct. 2.
Imse, Philip J., Westfield, Mass., assignor to Chain Belt Company, Milwaukee, Wis. Tool for facilitating the removal of spring clips from sprocket chains and the like. 2,577,193, Dec. 4.
Incampo, Giuseppe, West Point, N. Y. Pin and snap tie rack. 2,553,710, May 22.
Independent Crop Dusting, Inc., assignee: *See*—
Robertson, Milton S.
Independent Lock Company, assignee: *See*—
Erkkila, Andrew.
Independent Pneumatic Tool Company, assignee: *See*—
Dittmann, Roy.
Gentzel, Melvin B.
Gillerstrom, Hilmer A.
Larson, Gilbert B.
Mitchell, Walter G.
Mitchell, Walter G., and Fosnot.
Indergand, Josef, Baar, Switzerland, assignor to Landis & Gyr, A. G. Magnetic shunt for U-shaped meter cores. 2,579,261, Dec. 18.

Indiana Steel Products Company, The, assignee: *See*—
Frolich, John F.
Hopps, Lewis.
Howell, Hugh A.
Offutt, Elmer B.
Smith, Philip A., and Hopps.
Von Behren, Robert A.
Indiana Steel and Wire Company, assignee: *See*—
Kitselman, Harry L.
Indiana University Foundation, assignee: *See*—
Campaigne, Ernest E., and Le Suer.
Induction Heating Corporation, assignee: *See*—
Stanton, Robert J., and Rudd.
Industriaktiebolaget Luxor, assignee: *See*—
Norén, Helge.
Wennerbo, Erik.
Industrial Heat Engineering Company, assignee: *See*—
French, Charles A.
Industrial Lining Engineers, Inc., assignee: *See*—
Donnell, John W., and Tator.
Industrial Machine Works, Inc., assignee: *See*—
Goff, James W.
Industrial Management Corporation, assignee: *See*—
Knauss, Edward.
Industrial Metal Protectives, Inc., assignee: *See*—
Fisher, John R., Jr.
Fisher, John R., Jr., and Kenis.
Gausmann, Roy W.
McDonald, Alexander.
Nordon, Peter.
Toulmin, Harry A., Jr., and Berman.
Industrial Nucleonic Devices, assignee: *See*—
Lahmeyer, John D., and Callahan.
Industrial Patent Corporation, assignee: *See*—
Wales, Nathaniel B. and N. B., Jr.
Industrial Rayon Corporation, assignee: *See*—
Bruson, Herman A.
Bruson, Herman A., and Hooper.
Fryer, Louis S.
Hooper, Gilman S., and McFarren.
Huber, Alfred A., and Freeman.
Malm, L. L.
Mayner, Thomas S.
McCormack, Alex A.
McCormack, Robert J.
McFarren, Gerald A.
McLellan, Kenneth M., and Burkholder.
Industrial Research and Engineering Company, assignee: *See*—
Swearingen, Willard P.
Industrial Research Institute, University of Chattanooga, assignee: *See*—
Thomas, Albert G.
Industrial Scientific Company, assignee: *See*—
Tandler, William S., de Weiss, Walker, and Frering Tandler, William S., and Walker.
Industrial Tape Corporation, assignee: *See*—
Holland, William E., Pike, and Voutetakis.
Pike, Charles O., and Bemmels.
Schechtman, Martin L.
Stanley, Alexander J., and Nicholls.
Ines, Julian M., Goshen, N. H. Suction brush for Venetian blinds and the like. 2,558,253, June 26.
Infants Socks, Inc., assignee: *See*—
Rickert, Frederick D., and Krum.
Infilco Incorporated, assignee: *See*—
Cecil, Lawrence K., and Gillard.
Green, Walter H.
Gustafson, Hilding B.
Hughes, Walter J.
Kounal, Robert J.
Nordell, Carl H.
Ing. C. Olivetti & C. S. P. A., assignee: *See*—
Capellaro, Natale.
Ing. C. Olivetti & C. Società per Azioni, assignee: *See*—
Gatti, Ubaldo.
Ingala, Frank, Chicago, Ill. Coating ingot molds and composition therefor. 2,578,976, Dec. 18.
Ingalls, Clyde E., Canisteo, N. Y., assignor, by mesne assignments, to the United States of America as represented by the Secretary of the Navy. Voltage gate limiter. 2,573,446, Oct. 30.
Ingalls, David, Mountainside, assignor to Airtron, Inc., Linden, N. J. Flexible waveguide with spaced conducting sections and making the same. 2,556,187, June 12.
Ingalls, Edgar J., Zachary, assignor, by mesne assignments, to G. van N. Foster, Wilson, La. Fertilizer and seed distributor machine. 2,576,941, Dec. 4.
Ingalls, Gerald E., Indianapolis, Ind. Repairing cracks in castings. 2,537,533, Jan. 9.
Ingalls Shipbuilding Corporation, The, assignee: *See*—
Rutledge, Howard C., and Adler.
Williamson, Boyce.
Ingebretson, Abner M., assignee: *See*—
Evanoff, John, and Castino.
Ingels, Clarence W., St. Albans, N. Y. Thermal alarm. 2,540,527, Feb. 6.
Ingels, Marion H., and A. C. Binder, United States Navy. Variable length rip cord, housing, and rip cord pocket. 2,561,375, July 24.
Ingels, Raymond C., Chicago, Ill., assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Coordinated electric heater and thermostat mounting. 2,561,474, July 24.
Ingersoll Milling Machine Company, The, assignee: *See*—
Bowen, Earl M.
Hanitz, Hans T. R.
Johnson, Arthur W., and Fagerstrom.
Ingersoll-Rand Company, assignee: *See*—
Allen, Roy O.
Anderson, James H.
Bierman, Hubert J.
Carpenter, Allan O.
Dickenson, Ernest H.
Ditson, J. D.
Doyle, Frank B.
Eppens, Ernest G.
Farnell, George.
Fuehrer, George H.
Fuehrer, George H., and Hosking.
Gattiker, Albert F., Jr., and Karr.
Hamlin, Frederic T.
Karr, Alfred D.
Kidney, Carleton B.
Maclay, William R.
Metzgar, Chester W.
Morrison, William A.
Naab, Julius.
Plummer, John F., Jr.
Slater, Fred M.
Stepanoff, Alexey J.
Thomas, Floyd H.
Ingham, Robert J., Jr., Fairfield, Conn., assignor to Manning, Maxwell & Moore, Incorporated, New York, N. Y. Pressure cooker gauge. 2,541,256, Feb. 13.
Ingham, Robert M., Jr., Clemson, S. C., assignor to Deering Milliken Research Trust, New York, N. Y. Control of filamentary material. 2,565,500, Aug. 28.
Ingham, William I., assignor to Hugh H. Eby., Inc., Philadelphia, Pa. Electronic-tube socket contact. 2,557,746, June 19.
Inghram, Mark G.: *See*—
Nier, Alfred O. C., and Inghram.
Ingle, Donald P., Defiance, and S. L. Reiches, Cleveland, assignors to All Star Products, Inc., Defiance, Ohio. Magnetic centering device for cathode ray tubes. 2,574,039, Nov. 6.
Ingleby, George A., Cranston, assignor to The Hadley Company, Incorporated, Providence, R. I. Necktie clasp. 2,547,125, Apr. 3.
Ingleby, George A., Cranston, assignor to The Hadley Company, Incorporated, Providence, R. I. Expansible bracelet. 2,557,292, June 19.
Inglis, De Witt W., Chicago, Ill. Fishing device. 2,557,030, June 12.
Inglis, Norman R., Youngstown, Ohio. Air conditioner. 2,560,349, July 10.
Ingraham, Dudley S., assignor to The E. Ingraham Company, Bristol, Conn. Traveling case for pocket watches. 2,567,564, Sept. 11.
Ingraham, E., Company, The, assignee: *See*—
Ingraham, Dudley S.
Kohlhagen, Walter.
Ingraham, Elmer C., Cambridge, Mass., assignor, by mesne assignments, to the United States of America as represented by the Secretary of the Navy. Dynamic balance indicating system. 2,557,659, June 19.
Ingraham, Franc D.: *See*—
Cobb, Cully A., Jr., and Ingraham.
Ingram, Alvin R.: *See*—
Beery, Donald W., Eberl, and Ingram.
Ingram, George E., Chicago, Ill. Thermostatic air control device for carburetors. 2,578,553, Dec. 11.
Ingram, George O., and A. Contos, Toledo, Ohio. Carrier device for construction blocks. 2,579,826, Dec. 25.
Ingram, Maxwell, assignor to Pilot Marine Corporation, New York, N. Y. Salinity indicator system. 2,565,501, Aug. 28.
Ingram, Orville: *See*—
Hankins, Cyrus, and Ingram.
Ingram, Orville, Washington, D. C. Drop end gondola car. 2,553,457, May 15.
Ingram, Orville, Washington, D. C. Drop end gondola car. 2,567,287, Sept. 11.
Ingrassia, Angelo P.: *See*—
Evans, Raymond N., and Ingrassia.
Ingres, Jeannot G.: *See*—
Hey, Henry W., and Ingres.
Ingres, Jeannot G., Richmond, Va., assignor to Kelsey Hayes Wheel Company, Detroit, Mich. Tractor-trailer brake system. 2,569,610, Oct. 2.
Ingres, Jeannot G., Richmond, Va., assignor to Empire Electric Brake Company, Newark, N. J. Tractor-trailer brake system. 2,571,885, Oct. 16.
Ingwer, Max, New York, and W. W. Schwartz, Jackson Heights, assignors to Consolidated Sewing Machine & Supply Co., Inc., New York, N. Y. Seam ripping knife. 2,548,797, Apr. 10.
Injection Molding Company, assignee: *See*—
Barton, Murray M.
Inland Steel Company, assignee: *See*—
Carroll, Frank V.
Halley, James W.
Kalbach, John C., De Marchi, and Sullivan, Jr.
Tubbs, Orville M.

Inland Steel Products Company, assignee: *See*—
Baum, William G.
Schneider, George H.
Inland Wire Products Company, assignee: *See*—
Tubbs, Orville M.
Inman, William H., assignor to Bloomer Bros. Company, Newark, N. Y. Collapsible cellular carton. 2,556,088, June 5.
Innes, David H.: *See*—
Mooney, Thomas F., and Innes.
Innes, George, Altadena, Calif. Tuber digger and separator. 2,559,965, July 10.
Innes, Leroy E., Poplar Bluff, Mo. Wrist watch guard. 2,546,859, Mar. 27.
Innes, William B.: *See*—
Ashley, Kenneth D., and Innes.
Insalaco, Michael A.: *See*—
Dessauer, John H., and Insalaco.
Insley Manufacturing Corporation, assignee: *See*—
Russell, Louis R.
Insl-X Corporation, assignee: *See*—
Beghin, Adolfo J., Hamberg, and Smith.
Smith, Howard E.
Inspiration Consolidated Copper Company, assignee: *See*—
Scott, Walter G.
Instant Tool Corporation, assignee: *See*—
Schoenwald, Alexander.
Institute of Gas Technology, assignee: *See*—
De Marchi, Vincent S.
Institute of Inventive Research, assignee: *See*—
Poulter, Thomas C.
Institute of Paper Chemistry, The, assignee: *See*—
Kress, Otto.
McKee, Robert C.
Swanson, John W.
Institute of Textile Technology: *See*—
Bernet, Edwin J., and Hutter.
Hunt, Stanley P.
Institution Catholique des Sourds-Muets pour la Province de Quebec, assignee: *See*—
Bruneau, Albert J.
Fortin, Charles A.
Institutum Divi Thomae Foundation, assignee: *See*—
Baker, Stanley L.
Smith, Harold F.
Instrument Development Laboratories, Inc., assignee: *See*—
Bentley, Edward P. and G. P.
Instrumentfirman Inor, Alfred Brakl, assignee: *See*—
Melin, Bertil, and Jeppson.
Integrated Mica Corporation, assignee: *See*—
Heyman, Moses D.
Interborough News Company, assignee: *See*—
Booth, George P., and Smith.
Interchemical Corporation, assignee: *See*—
Burrucker, William C.
Bush, Edward R., and Hanle.
Cassel, Norman S., and Clifford.
Dench, Edward C.
Ellerhorst, Howard, Jr.
Euverard, Maynard R., and Gardner.
Gessler, Albert E., and Goepfert.
Gessler, Albert E., Grupe, Rolle, and Tuttle.
Hardy, Arthur C.
Hill, Lyman P.
Kass, Peter.
Kass, Peter, and Wicks.
Kinne, Clifton B.
Kumins, Charles A.
Kumins, Charles A., and McNesby.
Lecture, Raymond F., and Sedgwick.
Lee, Ernest D., and Schefbauer.
Lee, Ernest D., Schefbauer, and Berberich.
Lee, Samuel.
Moore, Samuel A., and Kass.
Nichols, Joseph.
Opp, Carl J., and Werner.
Roon, Leo, and Smith.
Rowland, Charles S.
Scholz, Herbert H., and Taylor.
Walti, Alphonse.
Weidlich, William A., and Davis.
Weiss, Adolph.
Whyzmuzis, Paul J.
Whyzmuzis, Paul J., and Kaupp.
Wicks, Zeno W., Jr.
Interior, United States of America as represented by the Secretary of the, assignee: *See*—
Banning, Lloyd H.
Benson, Jewell R.
Buscher, John H.
Churchward, Ruth E.
Churchward, Ruth E., and Shelton.
Dressler, Russell G., and Bircher.
Gee, Edwin A., and Pawel.
Hodge, Victor M.
Kroll, William J.
Lantz, Martin J.
Lewis, James G., and Buckmaster.
Mattare, Mark A.
Orchin, Milton, and Woolfolk.
Rawles, William T.
Rorden, Harold L.
Strandrud, Halvor T.
Interior, United States of America as represented by the Secretary of the, assignee: *See*—Continued.
Vreeland, Walter R.
Weller, Sol W.
Weller, Sol W., and Steiner.
Westby, George.
Zadra, John B.
Internal Instruments, Inc., assignee: *See*—
Rieber, Frank.
International Business Machines Corporation, assignee: *See*—
Beattie, Horace S., Page, and Rabenda.
Bergfors, Carl A.
Brand, Samuel, and Cunningham.
Bryce, James W., and Blakely.
Bryce, James W., and Wheeler.
Buhler, Eugen.
Carroll, Fred M.
Carroll, Fred M., and Smith.
Cheney, Raymond E.
Corbett, Lawrence B.
Crumrine, Chester W.
Cunningham, James M., and Smith.
Daly, George F., Malmros, and Haney.
Daly, George F., and Manning.
Dayger, Jonas E., and Hollis.
Dayger, Jonas E., and Huling.
Dayger, Jonas E., and Miller.
Dayger, Jonas E., Shafer, and Gray.
Dayger, Jonas E., Shafer, and Miller.
Dicke, Oscar H.
Dickinson, Arthur H.
Dodge, Ronald D.
Doty, Charles R.
Doty, Charles R., Klotz, and Koranye.
Durfee, Benjamin M.
Ford, Eugene A.
Furman Frank J.
Gardiner, Elliott W.
Ghertman, Ioino.
Gifford, Emerson W.
Haddad, Jerrier A., and Palmer.
Hamilton, Francis E., Hayes, and Wolfe.
Havens, Byron L.
Hazleton, William P.
Henninger, William, and Hollsberg.
Herman, Louis J.
Holland-Martin, Cyril G., and Bowyer.
Holmwood, Richard H.
Houston, Robert L.
Johnson, Reynold B.
Johnson, Reynold B., and Geiger.
Keen, Harold H.
Kistner, Harold J.
Lake, Clair D., and Pfaff.
Larrabee, Clinton E.
Last, James.
Lawson, Earl R.
Leathers, Ward.
Luhn, Hans P.
Maynard, Hamilton M.
McCoy, Ralph E.
McKiever, Robert F.
Mills, Albert W.
Mills, Albert W., Furman, and Read.
Morris, George F.
Morton, John L., and George.
Oldenboom, Derk J.
Palmer, Ralph L., and Phelps.
Paulsen, Robert C.
Perlini, Robert.
Petz, John L.
Rabenda, Edward J.
Rabenda, Edward J., and Furman.
Ritz, Francis U.
Sampson, Richard H.
Tholstrup, Henry L.
Vough, Clair F., and Lawson.
Wagner, John L., and Lawhead.
Wales, Nathaniel B., Jr.
Walker, Robert M.
Watson, Jeannette K.
Watson, Thomas J., and Sprecker.
Whalen, Richard J., and Kulpa.
Wheeler, John N.
Wilson, Gordon P.
International Carbonic Engineering Company, assignee: *See*—
Jones, Charles L.
International Cellucotton Products Company, assignee: *See*—
De Wet, Charl L. R.
Greiner, Charles J., and Thompson.
Harwood, Kenneth J., and Le Dain.
Killett, William R., and Veler.
International Cementers, Inc., assignee: *See*—
Dale, Orie, O. and Chesnut.
Smith, Frank D.
International Chemical Extinguisher Corporation, assignee: *See*—
Keefe, Michael E., Jr., and I. K.
International Cigar Machinery Company, assignee: *See*—
Hanson, Victor G.
Rundell, Rupert E.

International Derrick & Equipment Company, assignee: *See*—
Athy, Clifford R., and Konkle.
International Electronics Company, assignee: *See*—
Stone, Burnham E.
International Electronics Company, The, assignee: *See*—
Bobb, Lloyd J.
Dashiell, Daniel H.
International Furniture Company, assignee: *See*—
Horner, Kenneth K., and Hiltman.
International Harvester Company, assignee: *See*—
Aasland, John L.
Avila, Frank W.
Batts, Melville.
Bechman, William O., and Henning.
Billings, Charles K.
Brantingham, Paul T.
Brown, Bernard E.
Bryan, Harry F.
Calling, John.
Clark, Adna R.
Collins, William F.
Evers, Clarence C., and Downing.
Foley, Harold F., and Price.
Franing, Russell L.
Gaul, Edward M.
Hagen, Clarence R.
Hagen, Clarence R., and Baker.
Harstick, William H.
Harstick, William H., and Hintz.
Harstick, William H., and Vogel.
Hausmann, Joseph A., and Riedy.
Hein, Harold W.
Henning, William W.
Hilblom, Samuel E.
Hintz, Otto E., Jr.
Hitchcock, Rex B.
Hodsdon, Floyd G.
Hyman, Benjamin M.
Hyman, Benjamin M., and Karlsson.
Johnson, Arnold E. W.
Karlsson, Elof K.
Karlsson, Elof K., and Aasland.
Karlsson, Elof K., and Sutton.
Kincaid, Homer F., Graham, Baker, Wharff, and Redmond.
Kriegbaum, George M.
Manwaring, Howard S.
McNamara, Gordon G., Jr.
Mellies, William O.
Miller, Robert H.
Mitchell, Melville J.
Morkoski, James.
Mott, Carl W.
Olson, William N., and Evans.
Orelind, John R.
Panzegrau, Norman O., and Hendrickson.
Parsons, Harry N.
Peterson, Walter R.
Peterson, Walter R., and Johnson.
Peterson, Walter R., and Radtke.
Pool, Stuart D., and Faust.
Pool, Stuart D., and Prosser.
Pool, Stuart D., and Shager.
Pool, Stuart D., and Titus.
Poynor, Russell R.
Prosser, Clinton D.
Radtke, Adelbert C.
Raney, Russell R.
Raney, Russell R., and Brown.
Slavicek, George.
Smith, Lewis E.
Snow, Kenneth T.
Stevenson, Samuel J., Klusman, and Fisher.
Toland, Wayne G.
Turnbull, Glen O.
Vandenberg, Clarence E.
Weber, Roman F.
Welty, Albert B.
Wherry, Isaac M.
Ziskal, Joseph F.
International Harvester Company of Canada, Limited, assignee: *See*—
Higginson, John.
James, Howell N.
International Milling Company, assignee: *See*—
Cecka, Thomas G.
International Minerals & Chemical Corporation, assignee: *See*—
Butt, Charles A.
Hoglan, Forest A., and Blish.
Jackson, Richard I.
LeBaron, Ira M.
Le Baron, Ira M., and Manning.
Schlaeger, Albert J., and Hoglan.
Stekol, Jakob A.
Vassel, Bruno.
International Molded Plastics, Inc., assignee: *See*—
Goebel, Herman L.
International Mutoscope Corporation, assignee: *See*—
Lissiansky, Alexander.
Singer, Frederick D.
International Nickel Company, Inc., The: *See*—
Prince, Arthur E.
International Nickel Company, Inc., The, assignee: *See*—
Bieber, Clarence G., and Sumpter.
Cook, Wilfred J., and Tuck.
Eash, John T., and Lee.
Gagnebin, Albert P., and Millis.
Gagnebin, Albert P., and Spear.
Kihlgren, Theodore E., and Bryner.
Lee, Gerald L., and Eash.
Millis, Keith D., Gagnebin, and Pilling.
Mudge, William A.
Reid, Frank H.
Renzoni, Louis S.
Roehl, Edward J., and Wesley.
Sefing, Frederick G.
Talbot, Albert M., Furman, Brophy, and Pilling.
Waddington, Ralph H., and Welblund.
Welblund, Albert G.
International Nickel Company Incorporated, The, assignee: *See*—
Clements, Francis S., and Raper.
Queneau, Paul E., Sproule, and Illis.
International Packaging Corporation, assignee: *See*—
Demler, Ray C.
International Paper Company, assignee: *See*—
Baumann, Martin.
International Postal Supply Company, The, assignee: *See*—
Beyer, Millard L.
International Powermatic Corporation, assignee: *See*—
Heyer, Don.
International Projector Corporation, assignee: *See*—
Hallander, Elvin E.
Harshbarger, Walter J.
Heidegger, Henry F.
International Register Company, assignee: *See*—
Gallagher, William P.
Gallagher, William P., and Bielik.
International Resistance Company, assignee: *See*—
Baggs, Robert N.
International Salt Company, Incorporated, assignee: *See*—
Kaufmann, Dale W.
Hopper, Cecil M., and Richards.
Stevens, Floyd.
International Silver Company, The, assignee: *See*—
Oppelt, William P.
International Smelting and Refining Company, assignee: *See*—
Bowman, Reginald G., and Knox.
Skowronski, Stanislaus, and Mosher.
International Standard Electric Corporation, assignee: *See*—
Adams, Robert T.
Ahlen, Per O.
Arditi, Maurice.
Bailey, Robert S.
Baker, Leslie C., and Haines.
Barnard, Roy M., and Stray.
Beatty, William A.
Beck, Arnold H. W.
Berger, François C. M.
Black, Donald H.
Bradburd, Ervin M.
Bray, Frederick H., and Brown.
Bray, Frederick H., Brown, and Ridler.
Bray, Frederick H., Hartley, and Ridler.
Bray, Frederick H., and Ridler.
Brown, Andrew.
Bruzau, Marie, and Meuleau.
Busignies, Henri G.
Castel, Henri, and Picardel.
Charchian, Benjamin M., and Vallarino.
Chatterjea, Prafulla K.
Chatterjea, Prafulla K., and Ambrose.
Chatterjea, Prafulla K., and Houghton.
Chatterjea, Prafulla K., Scully, Ambrose, and Beney.
Clark, Trevor H.
Clark, Trevor H., Clavier, and Rostas.
Cleaver, Richard F.
Clemens, Petrus J.
Cohrt, Eigil.
Cragg, William D., and Gayford.
Deakin, Gerald.
Deloraine, Edmond M., and Alexander.
Deloraine, Edmond M., and Goldstein.
Deloraine, Edmond M., and Reeves.
De Mengel, Gaston P.
Den Hertog, Martinus.
Derjavitch, Boris.
De Santis, Vincent J., Hunter, and Majkrzak.
Devaux, Lucien.
Dodington, Sven H. M.
Driver, Douglas L. A.
Dubin, Lester.
Dunn, Roland H., and Warden.
Durheim, Hans H., and Van Mierlo.
Earp, Charles W.
Earp, Charles W., and Strong.
Earp, Charles W., and Wintle.
Elliott, Thomas W.
Engelmann, Herbert F.
Feinstein, Joseph, and Franzel.
Foord, Stanley G.
Fromageot, Antoine, Lalande, and Redard.

International Standard Electric Corporation, assignee: *See*—Continued.
Frum, Alexander.
Garfield, William L.
Gibson, William T.
Gohorel, Fernand P.
Goldstein, Ladislas, and Cohen.
Grace, Bertram B.
Grieg, Donald D., and Levine.
Hargreaves, Thomas F. S., and Gould.
Harling, John W.
Heaton-Armstrong, Louis J.
Henquet, Andre J., and Constant.
Henquet, Andre J., and Mauge.
Herbig, Henry F., and McManus.
Higonnet, René A. E.
Hill, Stuart S.
Horvath, Alexander.
Hough, George H.
Hough, George H., and Jackson.
Jacobsen, Bent B.
Jacobsen, Bent B., and Fairley.
Jacobsen, Bent B., Roche, and Baly.
Juillard, Yves J. G.
Kandoian, Armig G.
Kruithof, Jakob.
Kruithof, Jakob, and Jochem.
Kruithof, Jakob, and Nys.
Kühner, Maxime.
Lalande, Marc A.
Lee, Edwin C.
Leno, John A.
Lesti, Arnold.
Mamor, Armand.
Martinez, Clement.
May, Francis W.
Meers, Richard A., Cockbain, and Probert.
McLarn, Ernest S.
McWhirter, Eric M. S., and Dunn.
McWhirter, Eric M. S., Dunn, and Lennox.
McWhirter, Eric M. S., Dunn, Warden, Ward, Fonseco, and Collier.
McWhirter, Eric M. S., and Ward.
McWhirter, Eric M. S., Warden, and Ward.
Moody, Norman F.
Morley, John F., and Foord.
Pajes, Wolf S.
Palluel, Pierre C.
Parker, Louis W.
Perroux, Georges E. M.
Pheazey, John R.
Pickles, Sidney B.
Pouliart, Willy.
Rabuteau, Guy.
Ransom, David H.
Redard, Robert A., and Fromageot.
Reeves, Alec H.
Reeves, Alec H., and Hough.
Rheingold, Michael, and Van Mierlo.
Richards, Edward A., and Ellison.
Richardson, Avery G.
Ridler, Desmond S., and Brown.
Ringkjob, Ragnar E. T., and Pouliart.
Roche, Alleman H., and Buxton.
Ross, Colin P.
Rudkin, Eric P.
Scott, Thomas R.
Scully, Charles T.
Secker, Ben.
Selz, Jacques.
Shadowitz, Albert, and Silver.
Singleton, Henry E.
Skelton, Dennis E.
Smith, William F.
Smullin, Louis D.
Smyth, Charles N.
Strong, Charles E.
Terry, Victor J.
Terry, Victor J., and Hargreaves.
Terry, Victor J., Hargreaves, and Gould.
Theillaumas, Clement M.
Thornton, Alfred M., Prior, and Goullee.
Touraton, Emile, Zwobada, and Gratzmuller.
Towner, Stanley H., and Childs.
Treadwell, Cyril G.
Van Mierlo, Stanislas.
Van Mierlo, Stanislas A.
Violet, Andre E.
Watts, Chester B., Jr.
Watts, Chester B., Jr., and Stavis.
Walters, Trevor L.
Warner, Arthur J.
Weston, William K.
Weston, William K., and Baguley.
Willoughby, Eric O.
Wright, Esmond P. G.
Wright, Esmond P. G., van Hasselt, and Weir.
Wright, Frank C., Delamare, and Richards.

International Steel Company, assignee: *See*—
Luke, Leo C.

International Tool Corporation, assignee: *See*—
Skilling, Edwin E.

Internationale Aktiengesellschaft für Gassynthesen, assignee: *See*—
Zimmermann, Siegfried J.

Inter-Seal Corporation, assignee: *See*—
Greene, Edgeworth.

Interstate Bakeries Corporation, assignee: *See*—
Cohen, Morris.

Interstate Folding Box Company, The, assignee: *See*—
Back, Leonard.

Intertype Corporation, assignee: *See*—
Curtis, Willard S.
Freund, Herman R.
Freund, Herman R., and Stadelmann.
Mount, Wadsworth W.

Interval Instruments, Inc., assignee: *See*—
Rieber, Frank.

Interwoven Stocking Company, assignee: *See*—
Thurston, Paul L.

Inventa A.-G. für Forschung und Patentverwertung Luzern, assignee: *See*—
Kahr, Kurt.

Inventors Enterprises, Inc., assignee: *See*—
Voelker, Jane E. and E. M., and Sabbagh.

Invidiato, Cosmo L., Paterson, N. J. Drop-foot brace. 2,557,603, June 19.

Invidiato, Cosmo L., Paterson, N. J. Surgical brace and pivotal joint therefor. 2,557,604, June 19.

Inwood, Louis R., Kansas City, Mo. Frozen food container. 2,550,815, May 1.

Ionics, Inc., assignee: *See*—
Hicks, William W.

Ionides, Margaret L., deceased, Silver Spring, Md.; by H. Cochran, executor, Washington, D. C., and P. A. Siple, Arlington, Va. Heat resistant covering. 2,578,188, Dec. 11.

Iowa Limestone Company, assignee: *See*—
Maffitt, Howard C.

Iowa Manufacturing Company, assignee: *See*—
Pollitz, Harold C.

Iowa State College Research Foundation, assignee: *See*—
Arnold, Lionel K.
Collins, Edgar V.
Nelson, Frank E., and Peters.

Ipatieff, Vladimir N., Chicago, and G. S. Monroe, Berwyn, assignors to Universal Oil Products Company, Chicago, Ill. Isomerization of olefins. 2,538,248, Jan. 16.

Ipatieff, Vladimir N., and H. Pines, assignors to Universal Oil Products Company, Chicago, Ill. Production of diarylalkanes. 2,557,505, June 19.

Ipatieff, Vladimir N., Chicago, and G. S. Monroe, Berwyn, assignors to Universal Oil Products Company, Chicago, Ill. Conversion of aromatic amines to aromatic hydrocarbons. 2,563,037, Aug. 7.

Ipatieff, Vladimir N.: *See*—
Pines, Herman, and Ipatieff.

Ipsophon Patentgesellschaft A.-G., of Glarus, assignee: *See*—
Handschin, Max.

Irany, Ernest P., Cranford, and E. F. Landau, Newark, N. J., assignors to Celanese Corporation of America. Vinyl sulfone copolymers. 2,538,100, Jan. 16.

Irany, Ernest P., Cranford, I. Skeist, Newark, N. J., and V. F. Maturi, New York, N. Y., assignors to Celanese Corporation of America. Copolymers of unsaturated esters. 2,557,189, June 19.

Irany, Ernest P.: *See*—
Landau, Edward F., and Irany.
Noether, Herman D., and Irany.

Irasek, Eugene H., Bethesda, Md. Gun sight. 2,576,120, Nov. 27.

Iredell, Robert, Jr., Wabash, Ind., assignor to The General Tire & Rubber Company, Akron, Ohio. Coupling. 2,562,359, July 31.

Ireland, John C.: *See*—
Bellairs, Guy F., and Ireland.

Ireland, Murray, assignee: *See*—
Hendrickson, Fritz E.

Ireland, Ralph J., Mankato, Minn. Spraying device. 2,575,521, Nov. 20.

Ireland, Richard P., assignor, by mesne assignments, to Ampro Corporation, Chicago, Ill. Position and movement reproducing apparatus. 2,574,104, Nov. 6.

Ireson, Robert J., Sarnia, Ontario, Canada, assignor to Standard Oil Development Company. Rethreading tool. 2,565,372, Aug. 21.

Irgens, Finn T., Wauwatosa, Wis., assignor to Outboard, Marine & Manufacturing Company, Waukegan, Ill. Outboard motor. 2,564,903, Aug. 21.

Irmischer, Paul H., Chicago, Ill. Riveting device. 2,568,338, Sept. 18.

Irmscher, Hans O., East Hempstead, N. Y., assignor to National Urn Bag Co. Inc. Infusion package with expandible bottom and manufacture thereof. 2,571,138, Oct. 16.

Irmscher, Hans O., East Hempstead, N. Y., assignor to National Urn Bag Co. Inc. Packaging beverage infusor units having string handles and tags. 2,577,765, Dec. 11.

Iron Fireman Manufacturing Company, assignee: *See*—
Hooghkirk, Richard L.
Judson, Albert L.
Runninger, Frederick L.
Webb, Ernest C.
Wright, Richard C.

Irons, Carroll R.: *See*—
Alquist, Francis N., Wasco, and Irons.
Moore, Garnett V., and Irons.

Irons, Carroll R., and G. W. Stanton, assignors to The Dow Chemical Company, Midland, Mich. Container for and process of preserving perishable foodstuffs. 2,538,002, Jan. 16.

Irons, Carroll R., assignor to The Dow Chemical Company, Midland, Mich. Controlling the diameter and wall thickness of vinylidene chloride polymer film tubes. 2,541,064, Feb. 13.

Irons, Ross C., deceased, Bellevue, Ohio, by R. Irons, administrator, Clyde, assignor, by mesne assignments, to The Fremont Kraut Company, Fremont, Ohio. Cabbage washing and stripping machine. 2,548,798, Apr. 10.

Irons, Roy, administrator: *See*—
Irons, Ross C.

Irons & Russell Company, assignee: *See*—
Ogden, John W.

Ironsides Company, The, assignee: *See*—
Williams, Robert C.

Irti, Ernest, Kenmore, N. Y., and A. A. O'Sickey, Cleveland, Ohio. Fluid control valve. 2,544,597, Mar. 6.

Irvin, Leslie L., Letchworth, England, assignor to Irving Air Chute Company, Inc., Buffalo, N. Y. Parachute container. 2,542,925, Feb. 20.

Irvin, Leslie L., assignor to Irving Air Chute Company, Inc., Buffalo, N. Y. Parachute harness. 2,556,923, June 12.

Irvine, Arthur E., Tenafly, N. J., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Coated food. 2,556,278, June 12.

Irvine, Houston N., Burlington, Iowa, assignor to J. I. Case Company, Racine, Wis. Adjustable concave. 2,577,329, Dec. 4.

Irvine, Houston N., and K. L. Magee, Burlington, Iowa. Device for cooking doughnuts. 2,576,183, Nov. 27.

Irvine, John S.: *See*—
Langdon, Vera V., Irvine.

Irving Air Chute Company, Inc., assignee: *See*—
Irvin, Leslie L.
Jackson, John M.
Kajdan, Chester C.

Irving, Harry A., assignee: *See*—
Leuschner, Kurt A.

Irving, Walter E., assignee: *See*—
Sumner, Henry W.

Irwin, Carl F., New Castle, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Thickened oils and greases. 2,576,837, Nov. 27.

Irwin, Emmett M., San Marino, Calif. Magnetic testing apparatus and method. 2,555,853, June 5.

Irwin, Emmett M., San Marino, Calif. Method and apparatus for emulsifying fluids. 2,577,247, Dec. 4.

Irwin, Ernest R., Whiting, Ind., assignor to Standard Oil Company, Chicago, Ill. Cleaning composition. 2,566,298, Sept. 4.

Irwin Foundry and Mine Car Company, assignee: *See*—
Laukus, Paul, Sr.

Irwin, Gordon C.: *See*—
Giroud, Henry A., Irwin, Kille, Retallack, Riggs, and Strickler.

Irwin, Herbert G., Noble, La. Fishhook bait. 2,555,088, May 29.

Irwin, James B., Denver, Colo. Handling apparatus for traction wheels and driving units therefor. 2,556,652, June 12.

Irwin, Richard J.: *See*—
Meadors, Ansel R., Jr., Irwin, and Huffman.

Irwin, Stanley, Kilgore, Tex. Paraffin remover. 2,563,038, Aug. 7.

Isaac, Bailey L., Norton, Va. Container and cover therefor. 2,572,486, Oct. 23.

Isaac, Joseph, and A. C. Rissberger, Jr., assignors to Eastman Kodak Company, Rochester, N. Y. Attaching means for masking strips. 2,544,883, Mar. 13.

Isaac, Matthew J., Dallas, Tex. Fishing lure. 2,575,626, Nov. 20.

Isaacs, Florence M., New York, N. Y. Glove testing. 2,543,911, Mar. 6.

Isaacs, George G., Kenton, and E. H. Nelson, Harrow Weald, England, assignors to General Electric Company. High-pressure mercury vapor electric discharge lamp. 2,545,884, Mar. 20.

Isaacs, George G., Kenton, and D. E. Samuels, Kings Lynn, Norfolk, England, assignors to General Electric Company. High-pressure metal vapor electric discharge lamp. 2,561,866, July 24.

Isaacson, Max J., Brooklyn, N. Y. Buttonhole construction. 2,552,281, May 8.

Isaacson, Samuel, New York, N. Y. Thread marker. 2,544,757, Mar. 13.

Isacco, Vittorio, London, England. Rotating wing parachute. 2,545,736, Mar. 20.

Isakson, Eric N.: *See*—
Minarik, Rudolf G., and Isakson.

Isbenjian, Hrant, Brooklyn, N. Y. Automatic recording apparatus. 2,557,031. June 12.

Isbister, Eric J., Forest Hills, H. M. Stearns, Merrick, and W. N. Dean, Larchmont, N. Y., assignors to The Sperry Corporation. Radio tracking system. 2,542,032, Feb. 20.

Isbister, Eric J., Garden City, N. Y., assignor to The Sperry Corporation. Multiple-speed transmission apparatus. 2,552,556. May 15.

Isbister, Eric J., Forest Hills, N. Y., assignor to The Sperry Corporation. Radio pulse system. 2,579,497, Dec. 25.

Ischer, Hans: *See*—
Knecht, Oscar, and Ischer.

Ischinger, Alfred E., Reading, Pa. Hosiery. 2,569,434, Sept. 25.

Isele, Louis E., Oakville, assignor to The Eyelet Specialty Company, Waterbury, Conn. Lipstick container. 2,542,033, Feb. 20.

Isella, John J., North Haven, Conn., assignor, by mesne assignments, to Heisler Machine and Tool Co., Clifton, N. J. Sheet gripper for cylinder presses. 2,575,172, Nov. 13.

Isely, Frank C.: *See*—
Hagen, John P., and Isely.

Isely, Frank C., Washington, D. C. Shielded ultra high frequency tuning apparatus. 2,557,969, June 26.

Isenberg, Alexander H., assignee: *See*—
Williamson, Thomas F. M.

Isenberg, Alexander H., Woodside, and R. E. Hedges, East Palo Alto, Calif.; said Hedges assignor to said Isenberg. Making end closures for insulated pipes. 2,545,030, Mar. 13.

Isenberg, Stanley, Chicago, Ill. Spray head. 2,559,559, July 3.

Isenberg, Stanley, Chicago, Ill. Faucet spray attachment. 2,575,222, Nov. 13.

Isham, Charles B., U. S. Army, North Sacramento, Calif. Tire cooling arrangement. 2,538,563, Jan. 16.

Isherwood, Henry G., and B. J. Moore, Detroit, assignors to Buzz-Boy Motor Bike Co., St. Clair Shores, Mich. Motor adaptor. 2,578,886, Dec. 18.

Ishler, Harry K., Floral Park, N. Y., assignor to Sylvania Electric Products, Inc. Lead wire construction and sealing. 2,570,683, Oct. 9.

Isler, Otto, Basel, Switzerland, assignor to Hoffmann-La Roche Inc., Nutley, N. J. Manufacture of pentaenes. 2,540,118, Feb. 6.

Isler, William, assignee: *See*—
Negin, Julius A., and Gaspar.
Whittington, Roy D.

Isler, William, Cleveland Heights, assignor to S. K. Towson, Shaker Heights, Ohio. Apparatus for transferring loads from pallets to industrial trucks. 2,574,394, Nov. 6.

Isley, Arther L., Richmond, Va. Tobacco-stemming machine. 2,557,540, June 19.

Isoleringsaktiebolaget WMB, assignee: *See*—
Berner, Erling.

Isom, Harley C., Waltonville, assignor to B. E. Jones, Decatur, Ill. Rail joint. 2,538,249, Jan. 16.

Isometric Projections Limited, assignee: *See*—
Williams, Arthur G., and Moore.

Isometric Projections Limited (formerly Perspector Limited), assignee: *See*—
Moore, Donovan M.

Israel, John J., deceased, Merrick,; R. S. Israel, administratrix, assignor to R. S. Israel, Merrick, Long Island, N. Y. Pneumatic conveying system and method. 2,572,862, Oct. 30.

Israel, Ray S., administratrix, assignee: *See*—
Israel, John J.

Isreeli, Jack, and G. T. Allen, New York, assignors to Simmonds Aerocessories, Inc., Tarrytown, N. Y. Flow divider apparatus for hydraulic systems and the like. 2,549,472, Apr. 17.

Isreeli, Jack, and G. T. Allen, New York, assignors to Simmonds Aerocessories Inc., Tarrytown, N. Y. Apparatus for proportionally blending liquids. 2,564,306, Aug. 14.

Isserstedt, Siegfreid G., Toronto, Ontario, Canada. Syringe apparatus for cleaning porous material. 2,552,853, May 15.

Isserstedt, Siegfreid G., Toronto, Ontario, Canada. Electrical remote control. 2,553,517, May 15.

Isserstedt, Siegfried G., Toronto, Ontario, Canada. Container for phonograph records. 2,557,436. June 19.

Isserstedt, Siegfried G., assignor to Corex Limited, Toronto, Ontario, Canada. Tachymetric sight. 2,559,435, July 3.

Isserstedt, Siegfried G., assignor to Corex Limited, Toronto, Ontario, Canada. Apparatus for measuring liquid contents of tanks. 2,559,436, July 3.

Isthmian Metals, Inc., assignee: *See*—
Rice, Richard E.
Webb, George W.

Istrati, Konrad C., and L. A. Beaudry, Assiniboia, Saskatchewan, Canada. Burglar and fire safety switch. 2,563,335, Aug. 7.

Istwan, Joseph, St. Louis, Mo. Serving tray. 2,556,844, June 12.

Italian Swiss Colony, assignee: *See*—
Emmart, John S.

Itano, Takeo, Chicago, Ill. Pencil lead pointing or sharpening device. 2,540,528, Feb. 6.

Itano, Takeo, Chicago, Ill. Pencil lead sharpening device. 2,558,902, July 3.

Itsa Manufacturing Co., assignee: *See*—
Fry, Anna W.

Ivandick, Matthew G., assignor to Free Sewing Machine Co., Rockford, Ill. Upper tension device for sewing machines. 2,560,577, July 17.
Ivanoff, Victor: *See*—
Howard, Giles P. E., and Ivanoff.
Ivans, William S., Jr., La Jolla, assignor to Consolidated Vultee Aircraft Corporation, San Diego, Calif. Variable width pulse generating system. 2,575,961, Nov. 20.
Ivens, Edgar, Stanmore, England, assignor to Modern Telephone Corporation, New York, N. Y. Intercommunication telephone system. 2,567,484, Sept. 11.
Ivers-Lee Company, assignee: *See*—
Salfisberg, Leroy L.
Iversen, Lorenz, Pittsburgh, and F. J. Waldschutz, Mount Lebanon, assignors to Mesta Machine Company, Pittsburgh, Pa. Feed reel. 2,567,670, Sept. 11.
Iverson, Arden L., assignor to Para-Lux Products Company, Chicago, Ill. Shirt collar support. 2,537,765, Jan. 9.
Ives, Charles E., assignor to Eastman Kodak Company, Rochester, N. Y. Direct positive photographs from hydrazine-containing developers. 2,563,785, Aug. 7.
Ives, Clifford B., Tenafly, N. J., assignor to Alco Valve Company, University City, Mo. Thermostatically controlled pressure regulating valve. 2,558,651, June 26.
Ives, Clifford B., Tenafly, N. J., assignor to Alco Valve Company, University City, Mo. Stabilized pressure-operated valve. 2,558,652, June 26.
Ives, Clifford B., Tenafly, assignor to Kieley and Mueller, Inc., North Bergen, N. J. Fluid motor construction for valves or the like. 2,574,574. Nov. 13.
Ives, Clifford E., Chicago, assignor to National Aluminum Manufacturing Co., Peoria, Ill. Relief valve. 2,540,583, Feb. 6.
Ives, Clifford E., Wilmette, assignor to Sears, Roebuck and Co., Chicago, Ill. Dicer assembly. 2,538,906, Jan. 23.
Ives, Clifford E., Wilmette, assignor to Sears, Roebuck and Co., Chicago, Ill. Corn cutter. 2,566,568, Sept. 4.
Ives, Robert S.: *See*—
Hagelston, Paul J., and Ives.
Ivett, Raginald W., assignor to Hercules Powder Company, Wilmington, Del. Pine wood resin of increased melting. 2,580,098, Dec. 25.
Ivey, Jerome C.: *See*—
Kotzin, Tobias, and Ivey.
Ivory, Harry S., and J. F. Loeffler, Point Pleasant, N. J. Retractor means for surgical use. 2,541,516, Feb. 13.
Iwald, Johan C., Rorosjon, Sweden. Shaft motion mechanism for looms. 2,577,126, Dec. 4.
Iwanowski, Edgar C., Jacksonville, Fla. Battery filling means. 2,543,724, Feb. 27.
Iwashita, George K., Evansville, Ind., assignor to Seeger Refrigerator Company, St. Paul, Minn. Refrigerator cabinet breaker strip. 2,544,321, Mar. 6.
Iwoniuk, Mike, Russell, Manitoba, Canada. Yieldable tractor hitch. 2,551,001. May 1.
Izard, Emmette F., Kenmore, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Cross-linked hydrolyzed interpolymer of vinyl acetate and allylidene diacetate and process. 2,569,932, Oct. 2.
Izenour, George C., New Haven, Conn. Filtered thyratron control circuits. 2,548,887, Apr. 17.
Izzi, Anthony, Boston, Mass. Photograph developing machine. 2,545,031, Mar. 13.
J. & J. Tool & Machine Co., assignee: *See*—
Junkunc, Bela B.
Thomson, Ernest F.
J. & L. Steel Barrel Company, assignee: *See*—
Dunneback, Joseph G.
Jaap, Willard E., Cincinnati, Ohio. Combined cigarette lighter and ash receiver. 2,572,863, Oct. 20.
Jablon, Charles W., assignor to Reverso Products Co., Brooklyn, N. Y. Support for ornamental cornice and Venetian blind. 2,549,905, Apr. 24.
Jablon, Theodore M., New York, N. Y. Key holder and display means therefor. 2,557,970, June 26.
Jablonski, Joseph J., and C. I. Hummer, Detroit, Mich. Method and apparatus for preparing dental prosthesis. 2,577,420, Dec. 4.
Jabour, Sam, Irvington, assignor to Specialties Development Corporation, Bloomfield, N. J. High-pressure container. 2,541,065, Feb. 13.
Jabsco Pump Company, assignee: *See*—
Doble, Warren.
Jaccard, Gaston, assignor to Sandoz Limited, Basel, Switzerland. Surface active derivatives of nitrogen-containing sulfonic acids. 2,543,852, Mar. 6.
Jaccarino, Frederick, and A. Pinson, Fairfield County, assignors to Apex Accessories Co., Inc., Greenwich, Conn. Terminal for wristbands for watches. 2,576,684, Nov. 27.
Jaccarino, Richard, and A. Pinson, Fairfield County, assignors to Apex Accessories Co., Inc., Greenwich, Conn. Expanding chain for wristbands. 2,574,567, Nov. 13.
Jack, Delbert E., New York, N. Y., and J. M. Williamson, Dayton, Ohio, assignors to The Duriron Company, Inc., New York, N. Y. Heat exchanger. 2,549,687, Apr. 17.
Jack, Edward M., Litchfield, assignor to Union Hardware Company, Torrington, Conn. Clamping device for fishing reels. 2,546,341, Mar. 27.
Jack & Heintz, Inc., assignee: *See*—
Fritz, Dwain E.
Scott, Lloyd H.
Jack & Heintz Precision Industries, Inc., assignee: *See*—
Christophersen, Clarence E.
Graham, Erwin W.
Heintz, Ralph M., and Buhl.
Heintz, Ralph M., Frazier, and Koch.
Neff, Joseph J.
Sears, Richard E.
Jack, Paul E., Englewood, Colo. Child's toilet seat. 2,544,792, Mar. 13.
Jack, Robert K., assignor to Divco Corporation, Detroit, Mich. Convertible truck floor. 2,574,483, Nov. 13.
Jack, Stephen F., assignee: *See*—
Dosier, Robert L.
Jack, William R., and L. D. Cahill, Chagrin Falls, and E. M. Brinker, Lakewood, Ohio, said Cahill and said Brinker assignors to said Jack. Variable resistance device. 2,537,671. Jan. 9.
Jack, William R., Chagrin Falls, and E. M. Brinker, Lakewood, Ohio, said Brinker assignor to said Jack. Torsional balance device. 2,574,395, Nov. 6.
Jackel, Fanny, Bronx, N. Y. Corset with elastic insert. 2,544,758, Mar. 13.
Jackes-Evans Manufacturing Company, assignee: *See*—
Jackes, Stanley F., and Sheets.
Jackes, Stanley F., University City, Mo., and R. H. Sheets, Granite City, Ill., assignors to Jackes-Evans Manufacturing Company, St. Louis, Mo. Apparatus for turning coils or the like. 2,564,436, Aug. 14.
Jackle, Erwin K., Sydney, N. Y. Toy glider. 2,538,522, Jan. 16.
Jacklin, Clarence: *See*—
Jacoby, Arthur L., and Jacklin.
Jacklin, Harold M., Jr., Arlington, Va. Centrifugal casting. 2,557,971, June 26.
Jackson, A. O. and C. L., assignors to Walker Wire Company, Ferndale, Mich. Wire unwinding reel. 2,566,801, Sept. 4.
Jackson, Aldrich L., assignor to Hobart-Federal Engineering Corporation, Minneapolis, Minn. Stripper and cleaner for meat tenderizing machines. 2,545,407, Mar. 13.
Jackson, Aldrich L., assignor to Hobart-Federal Engineering Corporation, Minneapolis, Minn. Removable sectional tenderizing unit with cleaning combs. 2,561,867, July 24.
Jackson, Alexander F., East Orange, N. J. Hydrostatic weighing scale. 2,545,923, Mar. 20.
Jackson, Alexander F., East Orange, N. J. Basin drain spillway. 2,560,954, July 17.
Jackson, Andrew H., Opportunity, Wash. Extensible handle assembly. 2,545,813, Mar. 20.
Jackson, Arthur R., Roxbury, Mass. Hair pin dispenser and holder. 2,551,884, May 8.
Jackson, Arthur R., Mill Hill, England, assignor to Remington Rand Inc., New York, N. Y. Filing device. 2,564,573, Aug. 14.
Jackson, Ashlon: *See*—
Kirtner, Bud E., Barker, Williams, and Jackson.
Jackson, Bert S., Indianapolis, Ind. Imitation brick forming mold for concrete walls. 2,550,194, Apr. 24.
Jackson, Burie L., Dearborn, Mich. Spring fed magazine for toy machine. 2,562,462, July 31.
Jackson, Byron, Co., assignee: *See*—
Andrew, Owen N.
Blom, Carl J.
Elliott, Raymond D.
Lundeen, Chester A., and Todd.
Mullinix, Gird E.
Jackson, Carey B., Forest Hills, assignor to Mine Safety Appliances Company, Pittsburgh, Pa. Oxygen liberating compositions. 2,547,267, Apr. 3.
Jackson, Carey B., Forest Hills, and R. M. Bovard, Mars, assignors to Mine Safety Appliances Company, Pittsburgh, Pa. Oxygen generator. 2,558,756, July 3.
Jackson, Carter E., Evansville, Ind. Wheel holding chuck for wheel-straightening machines. 2,540,370, Feb. 6.
Jackson, Carter E., Sandoval, Ill. Automotive body and frame straightening apparatus. 2,559,250, July 3.
Jackson, Charles F., Jackson, assignor to Falls Spring & Wire Company, Detroit, Mich., and Great Lakes Spring Corporation, Chicago, Ill. Ring forming and applying machine. 2,563,173, Aug. 7.
Jackson & Church Company, assignee: *See*—
Grueneberg, Walter A.
Perrot, David L.
Jackson, Clarence E.: *See*—
Christenson, Arthur L., and Jackson.
Jackson, Clifford C., Detroit, and H. W. Smith, assignors to Chrysler Corporation, Highland Park, Mich. Window structure. 2,567,153, Sept. 4.
Jackson, Clifford L.: *See*—
Jackson, A. O. and C. L.
Jackson, Clyde H.: *See*—
Brady, Joseph G., and Jackson.
Jackson, David A., Chicago, Ill. Vaporizing furnace. 2,552,430, May 8.
Jackson, Donald, and J. D. F. Green, assignors to Pye Limited, Cambridge, England. Television camera focusing mechanism. 2,572,729, Oct. 23.

Jackson, Donald R., Wyandotte, W. K. Langdon, and T. H. Vaughn, Grosse Ile, assignors to Wyandotte Chemicals Corporation, Wyandotte, Mich. Removal of inorganic sulfates from alkali metal benzenesulfonate and its homologues. 2,572,344, Oct. 23.

Jackson, Edward H. T., Redhill, England. Measurement of electrical amplitudes utilizing pulse time shifting. 2,550,816, May 1.

Jackson, Elwood F.: *See*—
Scott, Milton J., and Jackson.
Scott, Milton J., Jackson, and Basdekis.

Jackson, Elwood F., Ludlow, Mass., assignor to Monsanto Chemical Company, St. Louis, Mo. Copolymers of vinyl pyridine and polyvinyl aromatic compounds. 2,540,984, Feb. 6.

Jackson, Elwood F., Ludlow, Mass., assignor to Monsanto Chemical Company, St. Louis, Mo. Quaternary ammonium derivatives of vinylpyridine-polyvinylbenzene copolymers. 2,540.985, Feb. 6.

Jackson, Elwood F., Ludlow, Mass., assignor to Monsanto Chemical Company, St. Louis, Mo. Dielectric with N,N'-1-3 dimorpholino isopropanol as scavenger. 2,572,808, Oct. 23.

Jackson, Ernest E., and J. F. Hille, Fort Wayne, Ind. Fishing rod holder. 2,564,625, Aug. 14.

Jackson, Ernest L., Washington, D. C., assignor to the United States of America as represented by the Secretary of War. Removing vesicant particles. 2,540,119, Feb. 6.

Jackson, Frank H., Rochester, N. Y., assignor, by mesne assignments, to the United States of America as represented by the Secretary of the Navy. Testing device. 2,544,685, Mar. 13.

Jackson, Frank W., and H. M. Nacey, Chicago, Ill. Alarm bell and vibrator element therefor. 2,560,444, July 10.

Jackson, George F., Baltimore, Md., assignor to Continental Can Co., Inc., New York, N. Y. Temperature control for feeding cans. 2,579,925, Dec. 25.

Jackson, George P., Flushing, N. Y., assignor to Combustion Engineering-Superheater, Inc. Steam generator. 2,544,884, Mar. 13.

Jackson, George P., Flushing, N. Y., assignor, by mesne assignments, to Combustion Engineering-Superheater, Inc. Underfeed stoker, including progressive overfeed grates. 2,549,203, Apr. 17.

Jackson, Glenn A., Huntington, Ind. Bee smoker. 2,543,409, Feb. 27.

Jackson, Harold E., Great Barr, Birmingham, England, assignor to Cyril Kieft and Company, Bridgend, Wales. Electric switch. 2,571,453, Oct. 16.

Jackson, Harry, Stevenston, and G. G. Jones, Annan, Scotland, assignors to Imperial Chemical Industries Limited. Manufacture of pentaerythritol. 2,562,102, July 24.

Jackson, Herman F., Detroit, Mich. Hair grooming device. 2,545,885, Mar. 20.

Jackson Hydraulic Machine Co., Inc., assignee: *See*—
Jackson, Paul S.

Jackson, J. D., Eloy, Ariz. Turn signal for vehicles. 2,575,418, Nov. 20.

Jackson, James C., New Orleans, La. Game apparatus, including mechanical projector. 2,544,992, Mar. 13.

Jackson, James O., Crafton, Pa., assignor to Pittsburgh-Des Moines Company. Heat accumulator and exchanger. 2,556,498, June 12.

Jackson, James O., Crafton, Pa., assignor to Pittsburgh-Des Moines Company. Double walled insulated tank or container for storing low-temperature liquefied gases. 2,563,118, Aug. 7.

Jackson, John G., assignor to Eastman Oil Well Survey Company, Denver, Colo. Drill bit. 2,544,993, Mar. 13.

Jackson, John G., assignor to Square D Company, Detroit, Mich. Circuit breaker. 2,579,673, Dec. 25.

Jackson, John G., and R. H. Kingdon, assignors to Square D Company, Detroit, Mich. Circuit breaker. 2,536,812, Jan. 2.

Jackson, John H., Newton, Mass. Dental engine attachment. 2,570,812, Oct. 9.

Jackson, John M., East Finchley, London, England, assignor to Irving Air Chute Co., Inc., Buffalo, N. Y. Safety lowering device, including rocket decelerator. 2,560,445, July 10.

Jackson, Kenneth W., Sherrill, N. Y. Illuminated thermometer. 2,556,394, June 12.

Jackson, Lloyd T., Millboro, Va., assignor of thirty-three and one-third per cent to H. H. Greenberg, Detroit, Mich. Safety means for hydraulic brakes. 2,546,751, Mar. 27.

Jackson, Lloyd W., assignor of fifty per cent to J. R. Heaps, Hubbard, Ohio. Safety car step. 2,559,123, July 3.

Jackson, Nolan C., Coalgate, Okla. Minnow bucket. 2,570,684, Oct. 9.

Jackson, Paul S., assignor to Jackson Hydraulic Machine Co., Inc., Rockford, Ill. Control device. 2,571,886, Oct. 16.

Jackson, Raymond B., Walton, Ind. Portable sterilizing apparatus. 2,553,711, May 22.

Jackson, Reginald, East St. Louis, Ill., assignor to Aluminum Company of America, Pittsburgh, Pa. Pneumatic elevator and conveyer for pulverulent material. 2,544,534, Mar. 6.

Jackson, Richard I., Perrysburg, Ohio, assignor to International Minerals & Chemical Corporation. Flotation of slimes from sylvinite ore with hydroxyethyl cellulose. 2,569,672, Oct. 2.

Jackson, Robert A. F., Bearsden, Scotland. Stove heated by gas or electricity. 2,548,218, Apr. 10.

Jackson, Robert J., Hazardville, Conn., assignor, by mesne assignments, to Bigelow-Sanford Carpet Company, Inc., New York, N. Y. Pile fabric floor covering. 2,576,791, Nov. 27.

Jackson, Roger W.: *See*—
Howle, Ernest O., Jackson, and Foster.

Jackson, Rupert F., Cleveland, Ohio. Manually operated impact tool. 2,572,487, Oct. 23.

Jackson, Stonewall, assignor to Morton Machine Works, Columbus, Ga. Dyeing beam. 2,565,729, Aug. 28.

Jackson, Thomas, North Muskegon, assignor to Continental Motors Corporation, Muskegon, Mich. Aircraft engine starter. 2,547,010, Apr. 3.

Jackson, Thomas M.: *See*—
Hough, George H., and Jackson.

Jackson, Vesper L., W. H. Pfrehm, and S. R. Danekas, Thedford, Nebr.; said Danekas assignor to said Jackson and said Pfrehm. Automatic fishing device. 2,578,887, Dec. 18.

Jackson, William R.: *See*—
Stecher, Paul G., and Jackson.

Jacob, Carlyle W., Rochester, N. Y. Apparatus for color reproduction. 2,573,143, Oct. 30.

Jacob, Carlyle W., Rochester, N. Y. Electronic signal recording system and apparatus. 2,577,894, Dec. 11.

Jacob, Don M., Schenectady, N. Y., assignor to General Electric Company. Radar equipment calibrating system. 2,549,473, Apr. 17.

Jacob, John G., Morton, Ill. Apparatus for pushing fish tape through conduits. 2,559,160, July 3.

Jacob, Mark I., Baltimore, Md., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Wide range tuning indicator. 2,571,887, Oct. 16.

Jacob, Raymond: *See*—
Rabeux, Jean, and Jacob.

Jacob, Raymond W., Chicago, Ill. Straddle lift truck. 2,576,345, Nov. 27.

Jacob, Robert M., Villeneuve-le-Roi, G. Bo, and J. G. Robert, assignors to Societe des Usines Chimiques Rhone-Poulenc, Paris, France. Aminoalkylethanesulfonamide. 2,553,093, May 15.

Jacobaeus, Anton C., assignor to Telefonaktiebolaget L M Ericsson, Stockholm, Sweden. Automatic registering device for impulse series. 2,552,719, May 15.

Jacobi, Edward N., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Electric control instrument. 2,539,252, Jan. 23.

Jacobi, Edward N., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Fastening means for switch terminals. 2,558,851, July 3.

Jacobi, Edward N., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Ignition switch lock. 2,558,852, July 3.

Jacobi, Edward N., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Cover for door locks. 2,562,038, July 24.

Jacobi, Edward N., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Compartment door latch. 2,570,556, Oct. 9.

Jacobi, Edward N., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Lost motion torque transmitting means. 2,580,026, Dec. 25.

Jacobi, Louis, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Withdrawable drive shaft and brake assembly for vehicle drive wheels. 2,547,268, Apr. 3.

Jacobi, Louis, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Indicator for gearshift mechanisms. 2,549,096, Apr. 17.

Jacobi, Samuel, Burlington, N. J. Shutter arm. 2,544,500, Mar. 6.

Jacobowitz, Arnold, assignee: *See*—
Tessmer, Raymond G.

Jacobowsky, Bertil, Stockholm, Sweden. V-belt pulley. 2,553,258, May 15.

Jacobs, F. L., Co., assignee: *See*—
Brundage, Alan D.
Lamb, Wade.
Milhan, Lewis D.
Smith, Ward D.

Jacobs, Alfred, assignor to Metropolitan Firearms Company, New York, N. Y. Front sight for firearms. 2,566,207, Aug. 28.

Jacobs, Gerald, Indianapolis, Ind., assignor to Stewart-Warner Corporation, Chicago, Ill. Heater ignition system. 2,568,125, Sept. 18.

Jacobs, Harold, St. Albans, N. Y., assignor to Sylvania Electric Products Inc. Activating oxide coated cathodes. 2,548,110, Apr. 10.

Jacobs, Henry S., assignor to Harnischfeger Corporation, Milwaukee, Wis. Motor speed control. 2,559,538, July 3.

Jacobs, Jake: *See*—
Jacobs, Phillip and J.

Jacobs, John E., Evanston, Ill., assignor to General Electric X-Ray Corporation, Milwaukee, Wis. Logarithmic ratemeter. 2,552,854, May 15.

Jacobs, Justin M., assignee: *See*—
Wismer, Edwin W.
Jacobs, Leslie C., Ventura, Calif. Colostomy toilet. 2,568,857, Sept. 25.
Jacobs Manufacturing Company, assignee: *See*—
Smith, John F.
Jacobs Manufacturing Company, The, assignee: *See*—
Stoner, Arthur M.
Stoner, Arthur M., and Brink.
Jacobs, Oliver B., Morristown, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Testing repeaters in transmission systems by shunting out individual repeaters. 2,554,828, May 29.
Jacobs, Oliver B., Morristown, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Unattended repeater testing by causing the repeaters to oscillate. 2,564,010, Aug. 14.
Jacobs, Phillip and J., Kansas City, Mo. Maternity garment. 2,544,386, Mar. 6.
Jacobs, Robert B.: *See*—
White, Allyn B., and Jacobs.
Jacobs, Robert L., assignee: *See*—
Bersche, Fridolin E.
Jacobs, Roy H.: *See*—
Woolson, Ferdinand C., Snyder, and Jacobs.
Jacobs, Samuel S., San Mateo, and S. Birkland, San Francisco, Calif., assignors to American Can Company, New York, N. Y. Apparatus for filling and sealing containers. 2,540,120, Feb. 6.
Jacobs, Saul, Forest Hills, assignor to Metropolitan Greenhouse Mfg. Corp., Brooklyn, N. Y. Bar cap for greenhouses and the like. 2,557,660, June 19.
Jacobs, Stephen, Fitchburg, Mass., assignor to General Electric Company. Turbine type pump for hydraulic governing systems. 2,566,892, Sept. 4.
Jacobsen, Andrew B., Somerville, Mass., assignor, by mesne assignments, to the United States of America as represented by the Secretary of the Navy. Circuit for generating sloping and rectangular gates. 2,561,475, July 24.
Jacobsen, Andrew B., Somerville, Mass., assignor, by mesne assignments, to the United States of America as represented by the Secretary of War. Pulse coding circuit. 2,567,846, Sept. 11.
Jacobsen, Bent B., London, England, assignor to International Standard Electric Corporation, New York, N. Y. Electric fault alarm circuits. 2,547,011, Apr. 3.
Jacobsen, Bent B., London, England, assignor to International Standard Electric Corporation, New York, N. Y. Radio position determining system. 2,551,604, May 8.
Jacobsen, Bent B., A. H. Roche, and W. F. Baly, London, England, assignors to International Standard Electric Corporation, New York, N. Y. Automatic level control arrangement in carrier current communication systems. 2,539,426, Jan. 30.
Jacobsen, Bent B., and F. Fairley, London, England, assignors to International Standard Electric Corporation, New York, N. Y. Failure alarm arrangements in multi-channel carrier current communication system. 2,572,030, Oct. 23.
Jacobsen, Carl, assignee: *See*—
Neal, Ernest C.
Jacobsen, Einar, Haddonfield, N. J. Mechanism for applying fibers. 2,550,354, Apr. 24.
Jacobsen, Erik, and J. Hald, Copenhagen, Denmark, assignors, by mesne assignments, to Ayerst, McKenna and Harrison Limited, New York, N. Y. Tetraethyl thiuram disulfide alcoholism treatment composition. 2,567,814, Sept. 11.
Jacobsen, Hans F.: *See*—
Jensen, Kaj L. and K. H. F., and Jacobsen.
Jacobsen, Julius A.: *See*—
Shirk, William C., Jacobsen, Shirk and Jacobsen.
Jacobsen, Le Roy V., Durant, assignor to Bee-Line Company, Davenport, Iowa. Camber and caster gauge. 2,569,416, Sept. 25.
Jacobsen, Le Roy V., Durant, Iowa, and G. G. Gosline, Rock Island, Ill., assignors to Bee-Line Company, Davenport, Iowa. Adjustable abutment for automobile frame presses. 2,547,757, Apr. 3.
Jacobsen, Le Roy V., Durant, Iowa, and G. G. Gosline, Rock Island, Ill., assignors to Bee-Line Company, Davenport, Iowa. Measuring means for determining camber and caster of vehicle wheels. 2,554,621, May 29.
Jacobsen, Oystein, assignor to The Duriron Company, Inc., Dayton, Ohio. Diaphragm valve. 2,540,371, Feb. 6.
Jacobsen, Oystein, Montgomery County, assignor to The Duriron Company, Inc., Dayton, Ohio. Plug valve. 2,544,090, Mar. 6.
Jacobsen, Oystein, Montgomery County, assignor to The Duriron Company, Inc., Dayton, Ohio. Automatic lubricated plug valve. 2,565,609, Aug. 28.
Jacobsen, Raymond C.: *See*—
Shirk, William C., Jacobsen, Shirk, and Jacobsen.
Jacobson, Abraham, assignee: *See*—
Miller, John Z.
Jacobson, Carl H., Binghamton, assignor to General Aniline & Film Corporation, New York, N. Y. Film advancing means for film magazines. 2,568,339, Sept. 18.
Jacobson, Elmer H.: *See*—
Uschmann, Curt, and Jacobson.
Jacobson, Elmer H., Lebanon, assignor to Cascades Plywood Corporation, Portland, Oreg. Veneer defect cutting machine. 2,539,742, Jan. 30.
Jacobson, Elmer H., Lebanon, assignor to Cascades Plywood Corporation, Portland, Oreg. Work hold-down roll mechanism for work feed apparatus. 2,564,904, Aug. 21.
Jacobson, Eugene W., Oakmont, H. O. Creazzi, Penn Township, Allegheny County, and R. J. S. Pigott, assignors to Gulf Research & Development Company, Pittsburgh, Pa. Spraying head. 2,542,775, Feb. 20.
Jacobson, Harold E., Delavan, Wis. Machine-tool gauging device. 2,565,853, Aug. 28.
Jacobson, Joel M., Hagerstown, Md., assignor to Fairchild Engine and Airplane Corporation. Lever sequence control. 2,557,351, June 19.
Jacobson, Moses G., Verona, assignor to Mine Safety Appliances Company, Pittsburgh, Pa. Apparatus for determining oxygen in gases. 2,540,674, Feb. 6.
Jacobson, Samuel: *See*—
Pollard, Lloyd F.
Jacobson, Sava: *See*—
Oestreicher, Warren J., Lidz, and Jacobson.
Jacobsson, Stig F., Scarsdale, and F. K. Van Almelo, Fairport, N. Y., assignors to Stromberg-Carlson Company. Centrifugal governor. 2,550,817, May 1.
Jacobsson, Wilgot J., Plainfield, N. J., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Multiple stage pressure regulator. 2,565,560, Aug. 28.
Jacobus, David D.: *See*—
Beeber, Allan R. A., Jacobus, and Keuffel.
Jacobus, Harland E., University Heights, assignor to Thompson Products, Inc., Cleveland, Ohio. Balanced valve diaphragm assembly. 2,567,071, Sept. 4.
Jacobus, Herbert R., Jr., White Plains, assignor to Sonotone Corporation, Elmsford, N. Y. Electrode and envelope assembly for multielectrode space discharge devices. 2,572,031, Oct. 23.
Jacobus, Herbert R., Jr., White Plains, and H. L. Lipschultz, New York, assignors to Sonotone Corporation, Elmsford, N. Y. Electrode and envelope assembly for multielectrode space discharge devices. 2,572,032, Oct. 23.
Jacobus, Willis P., Hutchinson, Kans. Rotary implement. 2,551,132, May 1.
Jacoby, Arthur L., Western Springs, assignor to National Aluminate Corporation, Chicago, Ill. N-acylated piperazines. 2,541,584, Feb. 13.
Jacoby, Arthur L., Western Springs, and C. Jacklin, Downers Grove, assignors to National Aluminate Corporation, Chicago, Ill. Minimizing foam production in steam generation. 2,575,276, Nov. 13.
Jacoby, George W., Jr., Wooster, Ohio. Hypodermic needle sharpener. 2,565,309, Aug. 21.
Jacoby, Harold E., Brooklyn, and C. P. Nilan, Point Lookout, N. Y., assignors to General American Transportation Corporation, Chicago, Ill. Vertical tube evaporator. 2,544,885, Mar. 13.
Jacovatos, Nicholas H., assignee: *See*—
Gray, Charles S.
Jacques, Jean: *See*—
Horeau, Alain, and Jacques.
Jacuzzi Bros., Incorporated, assignee: *See*—
Armstrong, John E., and Jacuzzi.
Jacuzzi, Frank: *See*—
Armstrong, John E., and Jacuzzi.
Jaden, Fred I., Chicago, Ill. Door latch. 2,543,171, Feb. 27.
Jaden, Fred I., Chicago, Ill. Folding fish pole holder. 2,564,065, Aug. 14.
Jadoul, Edmond L. J., Gembloux, assignor to Ecremeuses Melotte, Société Anonyme, Remicourt, Belgium. Electrical welding chiefly in the production of metal containers. 2,558,360, June 26.
Jaeger, Clemens O., Milwaukee, Wis. Guided toy vehicle. 2,575,055, Nov. 13.
Jaeger, Clemens O., Milwaukee, Wis. Double magnetic holding device. 2,580,099, Dec. 25.
Jaeger, Edward B., Chicago, Ill. Air circulation control for refrigerators. 2,546,363, Mar. 27.
Jaeger, Eugen, Kingston, Pa. Cable sheath slitter. 2,548,977, Apr. 17.
Jaeger, Gebhard, assignor to The Jaeger Machine Company, Columbus, Ohio. Supporting and driving mixer drums. 2,563,336, Aug. 7.
Jaeger, Gebhard, assignor to The Jaeger Machine Company, Columbus, Ohio. Water distributing device for mixers. 2,563,337, Aug. 7.
Jaeger, Gebhard, assignor to The Jaeger Machine Company, Columbus, Ohio. Sealing means for an end-loading transit mixer or agitator. 2,574,184, Nov. 6.
Jaeger Machine Company, The, assignee: *See*—
Bohmer, Clarence I.
Jaeger, Gebhard.
Lamberton, Ralph E.
Yantes, William H., Bohmer, and Barker.
Jaeger, Robert O., assignor to United States Gypsum Company, Chicago, Ill. Device for storing and holding clips. 2,566,062, Aug. 28.
Jaegle, William C., Hicksville, N. Y., and D. Strahman, Livingston, N. J., assignors to Klingerit Inc., New York, N. Y. Combined mixing unit and hose rack. 2,569,857, Oct. 2.

Jaenchen, Max, assignor to The Aetna-Standard Engineering Company, Youngstown, Ohio. Mandrel bar support. 2,569,104, Sept. 25.
Jaeschke, Ralph L., assignor to Dynamatic Corporation, Kenosha, Wis. Saturable reactor type regulator. 2,551,839, May 8.
Jaffe, Hans, Shaker Heights, assignor to The Brush Development Company, Cleveland, Ohio. Piezoelectric device constructed of pentaborate crystal. 2,554,332, May 22.
Jaffe, Hans, Cleveland Heights, E. M. Brazis, Cleveland, and B. Kjellgren, University Heights, assignors to The Brush Development Company, Cleveland, Ohio. Growing crystals. 2,546,305, Mar. 27.
Jaffee, Robert I., and H. R. Ogden, Columbus, Ohio, assignors, by mesne assignments, to Remington Arms Company, Inc., Bridgeport, Conn. Titanium base alloy. 2,554,031, May 22.
Jaffee, Robert I., H. R. Ogden, and D. J. Maykuth, Columbus, Ohio, assignors, by mesne assignments, to Remington Arms Company, Inc., Bridgeport, Conn. Titanium alloy. 2,575,962, Nov. 20.
Jaffin, Harry A., Astoria, N. Y. Bookmark and bookholding device. 2,565,966, Aug. 28.
Jagen, Theodore A., Harrison, N. J., assignor to General Motors Corporation, Detroit, Mich. Gauging machine. 2,560,446, July 10.
Jager, Howard M.: *See*—
Koerbacher, Arthur R., and Jager.
Jagersberger, Adolf, Saint Gilgen, Austria. Apparatus for the measurement of temperature by color comparison. 2,572,488, Oct. 23.
Jagger, Hubert, Maywood, Ill. Moistening device for duplicating machines. 2,536,604, Jan. 2.
Jagger, Hubert, Maywood, Ill. Reciprocating sheet handling device for flat-bed duplicating machines. 2,536,605, Jan. 2.
Jagger, Hubert, Maywood, Ill. Moistening control device for duplicating machines. 2,539,839, Jan. 30.
Jagger, Hubert, Redwood City, Calif. Master sheet advancing means for duplicating machines. 2,536,606, Jan. 2.
Jaggi, Lewis F., and A. D. Shearer, Dayton, Ohio. Receiving system. 2,572,033, Oct. 23.
Jahn, Herbert W., and E. H. Blank, Savanna, assignors, by mesne assignments, to Pressed Steel Car Company, Inc., Chicago, Ill. Tandem axle vehicle. 2,579,582, Dec. 25.
Jahrl, Eric V. T., Orebro, Sweden. Instrument for the adjustment and measuring of angles in machine tools. 2,579,449, Dec. 18.
Jakeway, Gerald V.: *See*—
Keeler, Isaac S., and Jakeway.
Jakeway, Gerald V., assignor to Keeler Brass Company, Grand Rapids, Mich. Door handle. 2,539,083, Jan. 23.
Jakeway, Gerald V., assignor to Keeler Brass Company, Grand Rapids, Mich. Slide structure for drawers, shelves, and the like. 2,564,658, Aug. 21.
Jakob, John P.: *See*—
Almgren, August E., and Jakob.
Jakob, John P., Roselle, N. J., assignor to American Can Company, New York, N. Y. Fish-canning machine. 2,536,060, Jan. 2.
Jakob, John P., Roselle, N. J., assignor to American Can Company, New York, N. Y. Can capping machine. 2,539,427, Jan. 30.
Jakob, John P., Roselle, N. J., assignor to American Can Company, New York, N. Y. Filling machine. 2,556,188, June 12.
Jakob, John P., Roselle, N. J., assignor to American Can Company, New York, N. Y. Apparatus for the continuous spraying of individual container bodies. 2,576,942, Dec. 4.
Jakob, Richard J.: *See*—
Witzky, Julius E., Lang, and Jakob.
Jakobsen, Svend O., Haugesund, Norway. Apparatus for distribution of lubricants. 2,556,968, June 12.
Jakobsen, Svend O., Haugesund, Norway. Fuel injection pump. 2,573,792, Nov. 6.
Jakosky, John J., Lawrence, Kans., assignor to United Air Lines, Inc., Chicago, Ill. Hydraulically expanding hollow rivets. 2,562,721, July 31.
Jakubik, William W., Rosenberg, Tex. Grain drier. 2,561,925, July 24.
James, Alvin E., Waycross, Ga. Front end aligning device for automobiles. 2,552,178, May 8.
James, Andrew C., Alexandria, La. Ozone generator. 2,575,664, Nov. 20.
James, Bill Y., Miami, Okla. Package bow. 2,562,192, July 31.
James, Bill Y., Miami, Okla. Decorative bow for packages. 2,562,919, Aug. 7.
James, Cecil B., assignor to Vickers-Armstrong Limited, London, England. Apparatus for applying predetermined loads to objects for testing hardness. 2,536,880, Jan. 2.
James, Cyril H., Leicester, England, assignor to United Shoe Machinery Corporation, Flemington, N. J. Sole edge beveling machine. 2,573,025, Oct. 30.
James, David E., Jr.: *See*—
Wallace, Alexander E., and James.
James, David T., Middletown, Md. Overload release mechanism. 2,537,672, Jan. 9.
James, David T., Middletown, Md. Clutch control mechanism. 2,537,673, Jan. 9.
James, David T., Middletown, and A. J. Rawson, Rocky Springs, Md. Displacement pump. 2,551,605, May 8.
James, Delwin V., Houston, Tex. Spring support mechanism. 2,559,251, July 3.
James, Emrys Gwynne: *See*—
Douglas, Ronald W., and James.
James, Esther D.: *See*—
James, Stephen F., and E. D.
James, Evan L., Hawthorne, A. R. Duim, and J. Wallace, Inglewood, assignors to Mission Appliance Corporation, Hawthorne, Calif. Cathodic protection device. 2,556,089, June 5.
James, Frazier N.: *See*—
Booth, Jack J., and James.
James, Fred E.: *See*—
Smith, Robert P., and James.
James, Harry T., assignor, by mesne assignments, to Miehle Printing Press & Manufacturing Company, Chicago, Ill. Dampening roller trip. 2,570,242, Oct. 9.
James, Howell N., assignor to International Harvester Company of Canada, Limited, Hamilton, Ontario, Canada. Break joint frame. 2,540,265, Feb. 6.
James, Ivanhoe J. P., South Ealing, London, assignor to Electric & Musical Industries Limited, Hayes, Middlesex, England. Frequency dividing apparatus. 2,538,250, Jan. 16.
James, Ivanhoe J. P., Ealing, London, England, assignor to Electric and Musical Industries, Limited. Circuits for modifying potentials. 2,562,792, July 31.
James, Ivor J., Long Beach, assignor to Union Oil Company of California, Los Angeles, Calif. Producing and separating nitrogen oxides. 2,568,396, Sept. 18.
James, Lorenzo D., assignor of one-half to G. W. Williams, Bellflower, Calif. Gate or door latch. 2,557,541, June 19.
James, Louise, assignor to Huye Space Saving Box System Inc., New Orleans, La. Locking means for boxes. 2,577,248, Dec. 4.
James, Lucy B., Greenville, N. C. Foraminated vase, candle, and flower holder. 2,550,355, Apr. 24.
James Manufacturing Company, assignee: *See*—
Prudhon, Clark.
James, Ralph W., Pasadena, and W. B. Pond, Arcadia, Calif. Valve. 2,538,364, Jan. 16.
James, Stephen F., and E. D., Chicago, Ill. Magnetic vibratory switch. 2,536,748, Jan. 2.
James, Thomas S.: *See*—
Young, Lloyd W., and James.
James, Ulysses S., Jr., Livingston, N. J. Separator. 2,573,026, Oct. 30.
James, William A.: *See*—
Hollum, Arne M., James, and Semple.
James, William G.: *See*—
Brokaw, Charles A., and James.
James, William J., Richmond, Calif. Magnetic position responsive device. 2,569,105, Sept. 25.
James, William J., and W. G. Bayha, Berkeley, Calif.; said Bayha assignor to said James. Position indicator. 2,569,106, Sept. 25.
James, William S., Birmingham, Mich., assignor to Fram Corporation. Relief valve and signal for fluid filters. 2,563,786, Aug. 7.
Jameson, Joseph L., Ewell, England. Valve-operating mechanism. 2,546,263, Mar. 27.
Jameson, William L., and F. L. Rogers, San Jose, Calif. Hamburger mold. 2,574,831, Nov. 13.
Jamestown Metal Equipment Company, Inc., assignee: *See*—
Briggs, Allan L.
Briggs, Allan L., and Oberg.
Jamestown Safety Guard Corporation, assignee: *See*—
Anderson, George.
Jamestown Steel Partitions, Inc., assignee: *See*—
Lundine, Gustav E.
Jamieson, Archibald M.: *See*—
Knewstubb, Norman W., and Jamieson.
Jamieson, Archibald M., Brackley, Northants, England, assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Preparation of surfaces for adhesion. 2,536,183, Jan. 2.
Jamieson, George R.: *See*—
Everitt, Philip F., and Jamieson.
Jamison, George C., Goodyear, and H. A. Wagg, Phoenix, Ariz., said Jamison assignor to said Wagg. Umbrella. 2,546,099, Mar. 20.
Jamison, Noel C., O. G. Koppius, and T. R. Kohler, Irvington on Hudson, N. Y., and J. G. Black, Richmond, Ky., assignors to Philips Laboratories, Inc., Irvington on Hudson, N. Y. Apparatus for determining the composition of a substance. 2,547,212, Apr. 3.
Jamison, Truman K., Seattle, Wash. Salvage vessel. 2,561,926, July 24.
Jamison, Winfield F., and C. W. Van Buren, Brunswick, Ga. Attachment for drawing compasses. 2,537,058, Jan. 9.
Jamrozy, John J., Dayton, Ohio. Clamp for cable drum controls. 2,566,334, Sept. 4.
Janczak, Lou S., South Bend, Ind., assignor to United States Rubber Company, New York, N. Y. Locking closure for flexible tank outlets. 2,574,105, Nov. 6.

Jandasek, Joseph, Highland Park, Mich., assignor to Bendix Aviation Corporation, South Bend, Ind. Rotary hydraulic torque converter. 2,562,463, July 31.
Jandasek, Vladimir J., assignor to Bendix Aviation Corporation, Detroit, Mich. Transmission. 2,562,464, July 31.
Jandasek, Vladimir J., assignor to Bendix Aviation Corporation, Detroit, Mich. Transmission. 2,568,007, Sept. 18.
Jandus, Herbert S., assignor to Houdaille-Hershey Corporation, Detroit, Mich. Automobile hood lock assembly. 2,558,959, July 3.
Jandus, Herbert S., and W. Banta, assignors to Houdaille-Hershey Corporation, Detroit, Mich. Brake lever structure. 2,558,958, July 3.
Janecek, Frank H., assignor to Republic Steel Corporation, Cleveland, Ohio. Apparatus for hard surfacing blast furnace bells and hoppers. 2,578,248, Dec. 11.
Janeczko, William A., Hammond, Ind. Railway car. 2,561,927, July 24.
Janes, Ralph, Duffield, England, assignor to Rolls-Royce Limited, Derby, England. Abstracting hot gas from the exhausts of gas-turbine engines. 2,572,346, Oct. 23.
Janes, Ralph, Duffield, assignor to Rolls-Royce Limited, Derby, England. Gas-turbine engine. 2,578,478, Dec. 11.
Janeway, Robert N., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Suspension. 2,578,137, Dec. 11.
Janeway, Robert N., Detroit, assignor, by mesne assignments, to Chrysler Corporation, Highland Park, Mich. Railway passenger car truck. 2,578,554, Dec. 11.
Janeway, Robert N., and W. Van Der Sluys, Detroit, assignors to Chrysler Corporation, Highland Park, Mich. End connection for energy absorbers. 2,574,788, Nov. 13.
Janeway, Robert N., Detroit, and P. H. Pretz, Wing Lake, near Birmingham, assignors to Chrysler Corporation, Highland Park, Mich. Suspension. 2,578,138, Dec. 11.
Janhunen, Matti, Helsinki, Finland. Mixer for lightweight concrete. 2,572,345, Oct. 23.
Janik, Anton J.: *See*—
Weibel, Herman, and Janik.
Janik, Karl, Linz, Donau, Austria. Radiator in central heating installations. 2,567,515, Sept. 11.
Janis, Peter, Bayside, N. Y., assignor to Sylvania Electric Products Inc. Reflex klystron electron discharge device. 2,540,080, Feb. 6.
Janitelli, Margaret, assignee: *See*—
Hughes, Hugh T.
Janke, Edward J., assignor to Addressograph-Multigraph Corporation, Cleveland, Ohio. Ink fountain interrupter for rotary printing machines. 2,547,470, Apr. 3.
Janke, Edward J., assignor to Addressograph-Multigraph Corporation, Cleveland, Ohio. Rotary offset printing machine interrupter. 2,547,471, Apr. 3.
Janke, Edward J., assignor to Addressograph-Multigraph Corporation, Cleveland, Ohio. Clamp for master sheets of printing machines. 2,553,856, May 22.
Janke, Edward J., assignor to Addressograph-Multigraph Corporation, Cleveland, Ohio. Retainer for oscillating moistening roll shaft. 2,573,572, Oct. 30.
Jankowski, Stanley A., Detroit, Mich. Motor operated bowling ball cleaner having a rotary brush. 2,575,814, Nov. 20.
Janney, Julia C., assignee: *See*—
Keep, Edward C., and E. L.
Jannsen, Newman C., Seattle, Wash. Heat exchanger framing for metal boats. 2,577,194, Dec. 4.
Janonis, George, Detroit, Mich. Door latch structure. 2,549,312, Apr. 17.
Janos, Alfred G., Erie, Pa., assignor to General Electric Company. Flow-controlling device for refrigerators. 2,548,608, Apr. 10.
Janowski, Edward, Pawtucket, R. I. Welding electrode. 2,552,431, May 8.
Jansen, Charles, Brooklyn, N. Y., assignor to N. J. Edge, Jersey City, N. J. Window operator. 2,556,695, June 12.
Jansen Container Co., assignee: *See*—
Jansen, George D.
Jansen, Eugene F.: *See*—
Michener, Harold D., Snell, and Jansen.
Jansen, Eugene F., Berkeley, Calif., assignor to the United States of America as represented by the Secretary of Agriculture. 3,3'-dithiolisobutyric acid. 2,539,428, Jan. 30.
Jansen, Eugene F., Berkeley, Calif., assignor to the United States of America as represented by the Secretary of Agriculture. Isolation of an organic sulfur compound from asparagus. 2,559,625, July 10.
Jansen, Eugene F., Berkeley, Calif., assignor to the United States of America as represented by the Secretary of Agriculture. Dithiane carboxylic acids. 2,559,626, July 10.
Jansen, George D., assignor to Jansen Container Co., Chicago, Ill. Container. 2,547,395, Apr. 3.
Jansen, Harry B., Glendale, Calif. Pressure indicating device. 2,542,414, Feb. 20.
Jansen, Howard, Chicago, Ill. Adjustable cable fastener for ski binding. 2,567,772, Sept. 11.
Jansen, Harry B., and L. F. Zielinski, Glendale, assignors to Lockhead Aircraft Corporation, Burbank, Calif. Sealable fastening device. 2,550,357, Apr. 24.
Jansen, Jacob E., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Dithiocarbamic acid reaction product. 2,568,633, Sept. 18.
Jansen, Jacob E., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Preparation of beta-acyloxy carboxylic acids and anhydrides. 2,568,634, Sept. 18.
Jansen, Jacob E., Akron, and W. L. Beears, Cleveland, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y. Preparation of beta-chloro acyl chloride. 2,548,161, Apr. 10.
Jansen, Jacob E., Akron, and W. L. Beears, Cleveland, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y. Preparing alpha-beta unsaturated carboxylic acids. 2,568,635, Sept. 18.
Jansen, Marinus J.: *See*—
Lemmens, Hendricus J., Jansen, and Loosjes.
Jansen, Victor, Los Angeles, Calif. Folding seat which can be carried as a cane. 2,560,447, July 10.
Jansma, John: *See*—
Lang, Charles E., Karnemaat, and Jansma.
Janson, George W.: *See*—
Blanton, William B., Currie, and Janson.
Janson, Oscar E., Providence, R. I. Live center. 2,536,687, Jan. 2.
Janson, Paul C.: *See*—
Trier, Raymond T., Janson, and Murphy.
Janson, Theodore J., assignor to Air-Maze Corporation, Cleveland, Ohio. Relief valve. 2,548,374, Apr. 10.
Jansoone, John, assignor of one-half to G. Lee, Richmond, Calif. Side light for motor vehicles. 2,576,510, Nov. 27.
Janssen, Hendrik J. J., The Hague, Netherlands. Adjustable burner for liquid fuel. 2,578,934, Dec. 18.
Janssen, Johannes M. L., Eindhoven, Netherlands, assignor to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Circuit arrangement for generating phase modulated oscillations. 2,573,447, Oct. 30.
Janssen, Johannes M. L., and A. W. Storm, Eindhoven, Netherlands. Electrical switch arrangement. 2,558,707, June 26.
Janssen, William H., Schenectady, N. Y., assignor to General Electric Company. Piezoelectric strain gauge. 2,558,563, June 26.
Janssens van der Maelen, Christian M. C., Crainhem, assignor to Societe Continentale et Coloniale de Construction, Societe Anonyme, Brussels, Belgium. Fluid tight joint. 2,558,050, June 26.
Janssens van der Maelen, Christian M. C., Crainhem, assignor to Société Continentale et Coloniale de Construction, Société Anonyme, Brussels, Belgium. Hollow article of concrete and the like. 2,571,578, Oct. 16.
Jansson, Edvin E.: *See*—
Sahlin, Börje, and Jansson.
Jansson, Edvin E., deceased: *See*—
Sahlin, Borje, Aslund, and Jansson.
Jansson, Gustav E., North Quincy, Mass., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Multibreak gas blast circuit breaker with grounded operating motor. 2,558,757, July 3.
Jansson, Gustav E., North Quincy, Mass., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. High-voltage air blast circuit breaker having the blast valve arranged at line potential. 2,568,008, Sept. 18.
Jansson, Karl E. I.: *See*—
Backmark, Nils E. G., and Jansson.
Jantzen Knitting Mills Inc., assignee: *See*—
Christensen, Bette J.
Monroe, Mayer G., and Haberfeld.
Janusch, John H., assignee: *See*—
Silva, Lawrence M.
Janusz, Mitchell B., assignor to Sears, Roebuck and Co., Chicago, Ill. Lifting jack. 2,576,016, Nov. 20.
Japikse, Bertrand, Reiffton, Pa. Hydraulic power press. 2,543,498, Feb. 27.
Japikse, Bertrand, Reiffton, Pa. Valve mechanism for hydraulic power presses. 2,549,474, Apr. 17.
Japs, Archie B., Cuyahoga Falls, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Preparing anhydrous alpha-beta unsaturated carboxylic acids. 2,568,636, Sept. 18.
Jaquier, Lloyd L., Jr.: *See*—
Crawford, Chester C., and Jaquier.
Jardim, Joaquim S., Newark, N. J. Inflatable tube for raising fish nets. 2,549,475, Apr. 17.
Jardim, Joaquim S., Newark, N. J. Frying pan cover. 2,568,637, Sept. 18.
Jardon, Fritz W., assignor to American Optical Company, Southbridge, Mass. Artificial eye. 2,571,721, Oct. 16.
Jarige, André, Freyming, assignor to Societe Porte & Gardin, Pas de Calais, France. Extensible reciprocating conveyer. 2,559,192, July 3.
Järnhs Elektriska Aktiebolag, assignee: *See*—
Valtersson, Bo V.
Jarowski, Charles I., Flushing, assignor to Vick Chemical Company, New York, N. Y. Aerial disinfectants and using the same. 2,546,895, Mar. 27.
Jarrell, Walter, Gresham, Oreg. Post driver. 2,557,873, June 19.

Jarrett, John W., Dayton, and V. Materese, Oakwood, assignors to The National Cash Register Company, Dayton, Ohio. Floor lamp. 2,553,094, May 15.
Jaru Limited, assignee: *See*—
Burger, Frank E.
Jarvi, Vesa: *See*—
Aitto, George, and Jarvi.
Järvinen, Eero M., Kakskerta, assignor of one-half to H. Solamo, Turku, Finland. Internal-combustion motor with cylinders arranged concentrically about and parallel with the driveshaft. 2,556,585, June 12.
Jarvis, Frederick W., assignor to Associated Newspapers Limited, London, England. Effecting transverse parallel plane scanning of the rotary drum. 2,574,872, Nov. 13.
Jarvis, Helen N.: *See*—
Hiatt, Gordon D., and Jarvis.
Jarvis, Samuel J., Pittsburgh, Pa. Closure for collapsible tube, having a spring biased, axially reciprocable, pressure operated outlet valve. 2,550,356, Apr. 24.
Jasco, Incorporated, assignee: *See*—
Sparks, William J., and Thomas.
Jaseph, Lawrence F., assignor to Rotary Lift Company, Memphis, Tenn. Pump and motor hydraulic system. 2,553,045, May 15.
Jasion, Leo Z.: *See*—
McKay, John F., Jr., and Jasion.
Jaskey, Leo L., South Bend, Ind. Fishing reel. 2,564,603, Aug. 14.
Jasmin, Wilfred G., Killingly, and L. G. Herlihy, Putnam, Conn., assignors to Bachmann Uxbridge Worsted Corporation, Uxbridge, Mass. Harness stop motion. 2,550,195, Apr. 24.
Jason, Walter J., assignee: *See*—
Schmidt, Howard F.
Jasper Wood Crafters, Inc., assignee: *See*—
Gramelspacher, Clarence U.
Thyen, Herbert E.
Jaubert, George F., Paris, France. Device for drying hair. 2,563,042, Aug. 7.
Jauch, Christian, assignor to William L. Gilbert Clock Corporation, Winsted, Conn. Shutoff alarm. 2,552,790, May 15.
Jauch, Robert J., and C. D. Hoover, assignors to Agricide Corporation, Fort Wayne, Ind. Spray apparatus. 2,555,271, May 29.
Jauss, Carlos L., New York, N. Y. Antitampering electric meter. 2,546,693, Mar. 27.
Javorek, Jaroslav, assignor to Bata, narodni podnik, Zlin, Czechoslovakia. Drawing-off mechanism for circular knitting machines. 2,567,288, Sept. 11.
Javorek, Jaroslav and A. Vaňátko, assignors to Bata, narodni podnik, Zlin, Czechoslovakia. Circular knitting machine. 2,543,172, Feb. 27.
Jawett, Joseph A., Jamaica, and A. D. Bierman, Malverne, assignors to Liquidepth Indicators Incorporated, Long Island City, N. Y. Liquid type indicating gauge. 2,539,665, Jan. 30.
Jay Tool & Mfg. Co., assignee: *See*—
Johnston, Edward W.
Jaycox, Charles E., Cos Cob, Conn. Trolling fixture. 2,540,584, Feb. 6.
Jaye, John R., Lake Worth, Fla. Heat exchange apparatus. 2,568,807, Sept. 25.
Jaye, Richard C., assignor to Synchromatic Corporation, Milwaukee, Wis. Slotted outlet gas burner head. 2,573,144, Oct. 30.
Jayne, David W., Old Greenwich, H. M. Day, Stamford, and E. W. Gieseke, Old Greenwich, Conn., assignors to American Cyanamid Company, New York, N. Y. Beneficiation of acidic minerals. 2,569,417, Sept. 25.
Jayne, David W., Jr.: *See*—
Lento, Louis L., Jr., and Jayne.
Jayne, David W., Jr., Old Greenwich, Conn., assignor to American Cyanamid Company, New York, N. Y. Detergent composition and preparing same. 2,545,357, Mar. 13.
Jayne, David W., Jr., Old Greenwich, and H. M. Day, Cos Cob, Conn., assignors to American Cyanamid Company, New York, N. Y. Waxy condensation product of alkylolamine, fatty acid, and polycarboxylic acid. 2,552,321, May 8.
Jayne, David W., Jr., Old Greenwich, and H. M. Day, Cos Cob, Conn., assignors to American Cyanamid Company, New York, N. Y. Rubberlike cured polyesters containing calcium silicate and producing same. 2,577,618, Dec. 4.
Jaynes, Edwin T., Garden City, N. Y., assignor to The Sperry Corporation. Object detecting and warning system and method. 2,541,066, Feb. 13.
Jaynes, Edwin T., Garden City, N. Y., assignor to The Sperry Corporation. Frequency responsive device. 2,541,067, Feb. 13.
Jaynes, Edwin T., Anacostia, D. C., assignor to The Sperry Corporation. Wave guide attenuator apparatus. 2,557,110, June 19.
Jaynes, Edwin T., Garden City, N. Y., assignor to The Sperry Corporation. Radio velocity indicator. 2,558,758, July 3.
Jaynes, Hal B., Lenoir, N. C. Electrically operated distributor. 2,559,437, July 3.
Jeanlin, Pierre, assignor to Societe Le Teleampliphone, Paris, France. Loud-speaker telephone installation. 2,545,466, Mar. 20.
Jeanlin, Pierre, assignor to Societe Le Teleampliphone, Paris, France. Two-way loud-speaker telephone installation. 2,545,467, Mar. 20.
Jeanne, Sophie B., assignee: *See*—
Bauer, Emile.
Jeannin, John F.: *See*—
Gardiner, Duncan B., Klessig, and Jeannin.
Jecuso, Mark, Whitestone, assignor to Victor Metal Products Corporation, Brooklyn, N. Y. Can discharging and sorting mechanism. 2,541,517, Feb. 13.
Jedlicka, Josef, Brno, Czechoslovakia. Device for mixing machines for mortar, concrete, and the like. 2,538,871, Jan. 23.
Jeffcoat, Elvie E.: *See*—
Shields, Darvin D., and Jeffcoat.
Jeffers, Charles L., San Antonio, Tex. Electronic switching device. 2,579,001, Dec. 18.
Jefferson Chemical Company, Inc., assignee: *See*—
Neuhaus, Max.
Jefferson, George D., Kennett Square, Pa., and E. K. Stigeer, assignors to Atlas Powder Company, Wilmington, Del. Dust filter adhesive. 2,538,199, Jan. 16.
Jefferson, Glen V.: *See*—
Bone, Herbert L., and Jefferson.
Jefferson, Glen V., Edgewood, Pa., assignor to Westinghouse Air Brake Company. Rail detector controller for drawbridges. 2,575,815, Nov. 20.
Jefferson Electric Company, assignee: *See*—
Mauerer, Leopold.
Berthel, Gust A.
Jefferson, Harold, Stockholm, Sweden, assignor to Radio Corporation of America. Telephone terminal equipment. 2,568,397, Sept. 18.
Jefferson Lake Sulphur Company, assignee: *See*—
Miller, Ernest B.
Jefferson Standard Broadcasting Company, assignee: *See*—
Shapiro, Jack, and Norde.
Jeffery, Harold T., Wilmette, assignor to Yeomans Brothers Company, Chicago, Ill. Apparatus for aerating liquids. 2,540,948, Feb. 6.
Jeffery, Richard E.: *See*—
Warshaw, Nathaniel, and Jeffery.
Jeffrey, John, Mount Clemens, and T. T. May, Grosse Pointe Park, Mich. Automobile hood position warning indicator. 2,575,017, Nov. 20.
Jeffrey Manufacturing Company, The, assignee: *See*—
Bauroth, Walter J.
Bird, Byron M.
Curley, Morton B.
Davis, Kenneth T.
Lee, Arthur L.
Lemmon, Alexis W.
Mackensen, Harold T.
Mercier, Stanley M.
Miller, Frank C.
Moon, Sterling C.
Moser, Alton E.
Rhodes, Leslie A.
Smith, William J.
Stein, Edward H.
Steinmetz, Walter C.
Strawn, Orval R.
Tolman, Samuel L.
Weggum, Gust.
Wright, Fred J.
Jeffrey, Max L., Shaker Heights, assignor to The National Acme Company, Cleveland, Ohio. Thermostatically controlled switch. 2,542,415, Feb. 20.
Jeffrey, Max L., Shaker Heights, assignor to The National Acme Company, Cleveland, Ohio. Switch. 2,542,530, Feb. 20.
Jeffrey, Max L., Shaker Heights, assignor to The National Acme Company, Cleveland, Ohio. Neutral position switch. 2,542,531, Feb. 20.
Jeffrey, Max L., Shaker Heights, assignor to The National Acme Company, Cleveland, Ohio. Positive clutch mechanism. 2,568,638, Sept. 18.
Jeffries, Virginia S., assignee: *See*—
Straith, Claire L.
Jeffus, Allen L., Oberlin, Kans. Tie-rod connection for vehicle steering mechanisms. 2,551,437, May 1.
Jelinek, Alfred F., assignor to Cleveland Automatic Machine Co., Cincinnati, Ohio. Collet assembly. 2,548,978, Apr. 17
Jelinek, Arthur G., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. 2,2-bis-(para-allyloxyphenyl) propane miticidal compositions. 2,560,350, July 10.
Jelinek, Charles F., Easton, Pa., assignor to General Aniline & Film Corporation, New York, N. Y. Production of amides. 2,572,809, Oct. 23.
Jelinek, Charles F., Easton, Pa., assignor to General Aniline & Film Corporation, New York, N. Y. Production of amides. 2,572,810, Oct. 23.
Jelinek, Charles F., Easton, Pa., and R. F. Kleinschmidt, Belvidere, N. J., assignors to General Aniline & Film Corporation, New York, N. Y. Preparation of malonaldehyde dianils. 2,549,097, Apr. 17.
Jelinek, Ulrich, Springfield, N. J., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Glass jewel bearing. 2,546,002, Mar. 20.

Jellis, Morgan, and W. Darby, assignors to Coventry Gauge & Tool Company Limited, Coventry, England. Grinding machine. 2,554,740, May 29.
Jellis, Morgan, and T. W. Langley, assignors to Coventry Gauge & Tool Company Limited, Coventry, England. Profiling device for grinding wheels. 2,579,385, Dec. 18.
Jellison, Ernest E., Twin Falls, Idaho. Signaling device for automobiles. 2,578,358, Dec. 11.
Jelter, Earl: *See*—
Hall, Stanley R., and Jelter.
Jendrisak, Joseph E., Rossford, assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Glass bending mold. 2,550,252, Apr. 24.
Jendrisak, Joseph E., Rossford, assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Glass bending apparatus and method. 2,551,606, May 8.
Jendrisak, Joseph E., Rossford, assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Bending mold. 2,551,607, May 8.
Jendrisak, Joseph E., Roosford, assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Shaping mold. 2,554,572, May 29.
Jenesel, Nickolas D.: *See*—
Long, Loren M., and Jenesel.
Jenett, Caroline L. M., executrix: *See*—
Jenett, Henry.
Jenett, Henry, deceased, Montclair, N. J.; C. L. M. Jenett, executrix of the estate of said H. Jenett. Packaging. 2,539,513, Jan. 30.
Jenett, Henry, deceased, Montclair, N. J.; C. L. M. Jenett, executrix of the estate of said H. Jenett. Protective package for fragile articles. 2,539,514, Jan. 30.
Jenett, Henry, deceased, Montclair, N. J.; C. L. M. Jenett, executrix. Packaging material and packaging. 2,577,249, Dec. 4.
Jenkins, Cecil: *See*—
Woolslayer, Homer J., Campbell, and Jenkins.
Woolslayer, Homer J., and Jenkins.
Woolslayer, Homer J., Jenkins, and Iddings.
Jenkins, Charles F.: *See*—
Atwell, Clarence A., and Jenkins.
Jenkins, Clarence E., Keene, N. H. Apparatus for gasification of woods. 2,556,090, June 5.
Jenkins, Clarence E., Westmoreland, N. H., assignor to Bocjl Corporation, Pittsburgh, Pa. Reciprocating blade wood saw. 2,573,573, Oct. 30.
Jenkins, Francis A., Berkeley, Calif., assignor to the United States of America, as represented by the United States Atomic Energy Commission. Producing uranium hexachloride. 2,572,156, Oct. 23.
Jenkins, Gwilym I., Sunbury-on-Thames, assignor to Anglo-Iranian Oil Company Limited, London, England. Catalytic cracking of heavy hydrocarbons in two stages. 2,560,511, July 10.
Jenkins, Harold W., Kansas City, Mo. Impulse propelled toy automobile. 2,546,223, Mar. 27.
Jenkins, Henry G., Pinner, and E. E. Miles, London, England, assignors to General Electric Company. Gaseous electric discharge lamp. 2,561,868, July 24.
Jenkins, Homer T., Chicago, Ill. Broom rake. 2,536,607, Jan. 2.
Jenkins, Joe H., Henning, Tenn. Sectional boat. 2,569,611, Oct. 2.
Jenkins, John C., Minneapolis, assignor to Seeger Refrigerator Company, St. Paul, Minn. Multiple temperature refrigerating system. 2,539,908, Jan. 30.
Jenkins, Leon R., Miami, Fla. Combination boat fender and life raft. 2,546,396, Mar. 27.
Jenkins, M. W., Sons, Inc., assignee: *See*—
Starr, John A.
Jenkins, Marion, Denver, Colo. Toy spring pistol. 2,545,358, Mar. 13.
Jenkins, Ralph D., assignee: *See*—
Woodmansee, Herbert H.
Jenkins, Richard, Philadelphia, Pa., assignor to Radio Corporation of America. Interlaced scanning in a television system. 2,548,219, Apr. 10.
Jenkins, Russell L., Anniston, Ala., assignor to Monsanto Chemical Company, St. Louis, Mo. Compositions consisting essentially of chlorinated meta diphenylbenzene and chlorinated para diphenylbenzene and preparing the same. 2,551,562, May 1.
Jenkins, Russell L., Anniston, Ala., assignor to Monsanto Chemical Company, St. Louis, Mo. Dielectric composition of halogenated aromatic hydrocarbon and organic antimony compound as a corrosion inhibitor. 2,566,208, Aug. 28.
Jenkins, Russell L., Anniston, Ala., assignor to Monsanto Chemical Company, St. Louis, Mo. Stabilization of halogenated organic compounds with dibutyl diphenyl tin. 2,578,359, Dec. 11.
Jenks, Frederic A., Rockville Centre, N. Y., assignor to The Sperry Corporation. Stereoscopic object locating system. 2,540,121, Feb. 6.
Jenks, Frederic A., Rockville Centre, N. Y., assignor to The Sperry Corporation. System for conveying traffic data to aircraft. 2,547,945, Apr. 10.
Jenks, Frederic A., Rockville Centre, N. Y., assignor to The Sperry Corporation. Wave guide modulation apparatus. 2,576,943, Dec. 4.
Jenks, Orrie B., Burlington, Vt., assignor to Bell Aircraft Corporation, Wheatfield, N. Y. Coin dispensing mechanism. 2,551,493, May 1.
Jenn, Louis J., Berea, Ohio. Ventilator. 2,548,607, Apr. 10.
Jenne, Kenneth C., assignor to Malleable Iron Fittings Company, Branford, Conn. Mechanism for galvanizing. 2,537,931, Jan. 9.
Jennen, Jacob J., Dilsen, and W. Michaelis, Brussels, Belgium, assignors, by mesne assignments, to B. Gaspar, Beverly Hills, Calif. Sensitized photographic emulsions. 2,544,322, Mar. 6.
Jennen, Jacob J., Antwerp, Belgium, and W. Michaelis, deceased, by H. Michaelis, administratrix, Los Angeles; said Jennen and W. Michaelis assignors, by mesne assignments, to B. Gaspar, Beverly Hills, Calif. Cyanine dyes. 2,544,323, Mar. 6.
Jenner, Edward L.: *See*—
Coffman, Donald D., and Jenner.
Jenner, Ray R., Wichita, Kans., and D. H. Mitchell, Chicago, Ill. Folding motor vehicle for aircraft. 2,536,749, Jan. 2.
Jenney, George E., Jr.: *See*—
Brown, Frank K., Phipard, and Jenney.
Jennings, Andrew B.: *See*—
Ball, Joseph A., Jennings, and Murray.
Jennings, Andrew B., New Brunswick, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Phenolic color formers. 2,537,138, Jan. 9.
Jennings, Andrew B., New Brunswick, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Color developing with 2-thiohydantoin derivatives. 2,551,134, May 1.
Jennings, Andrew B., New Brunswick, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Light sensitive elements for color photography. 2,563,469, Aug. 7.
Jennings, Andrew B., New Brunswick, and O. W. Murray, Fords, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Photographic light-sensitive diazo element. 2,551,133, May 1.
Jennings, Andrew B., New Brunswick, and O. W. Murray, Fords, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Element for recording photographic images. 2,567,712, Sept. 11.
Jennings, Andrew B., Edgebrook, and O. W. Murray, Rumson Park, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Photographic element with colloid layer containing color former and nonionic wetting agent. 2,577,127, Dec. 4.
Jennings, Frank G., assignee: *See*—
Orrison, Kelvin T.
Jennings, Fred B.: *See*—
McCarty, Clyde W., and Jennings.
Jennings, Fredrick L., Long Beach, Calif. Portable mixing unit for chemicals and the like. 2,571,366, Oct. 16.
Jennings, George H., Cincinnati, Ohio, assignor, by mesne assignments, to Howes Leather Company, Inc., Boston, Mass. Centrifugal wringing and setting process for leather. 2,552,322, May 8.
Jennings, Harry C.: *See*—
Everest, Herbert A., and Jennings.
Jennings, Irving C., South Norwalk, Conn. Suction box for traveling screen filters. 2,536,446, Jan. 2.
Jennings, Lawrence D., and J. Naymik, Sharon, Pa., assignors, by mesne asignments, to the United States of America as represented by the Secretary of the Navy. Removable closure for deferred action batteries. 2,568,340, Sept. 18.
Jennings, Norman R., Auburn, and N. V. Larson, Seattle, Wash., assignors to Boeing Airplane Company. Contour delineating mechanism. 2,542,142, Feb. 20.
Jennings, Ralph E., U. S. Navy, Washington, D. C. Skid indicator. 2,538,003, Jan. 16.
Jennings, Raymond J. S., and A. F. Williams, assignors to C. D. Patents Limited, London, England. Polymerizing bis-diphenylene ethylene. 2,578,479, Dec. 11.
Jennings, Uel P.: *See*—
Davis, Clyde O., and Jennings.
Jennings, Verl W., Battle Creek, Mich. Center punch gauge. 2,543,026, Feb. 27.
Jennings, Wendell W., San Francisco, Calif. Cigarette case and dispenser. 2,548,310, Apr. 10.
Jennings, Wendell W., San Francisco, Calif. Variable capacity measuring cup. 2,551,002, May 1.
Jenny, Cletus J., Clifton, assignor to Bendix Aviation Corporation, Teterboro, N. J. Altimeter. 2,552,377, May 8.
Jenny, Ernst, Basel, Switzerland. Sulfur dyestuffs and making same. 2,573,448, Oct. 30.
Jenny, Frank J., assignor to Hydrocarbon Research, Inc., New York, N. Y. Producing oxygen. 2,579,498, Dec. 25.
Jenny, Frank J., New York, N. Y., and E. G. Scheibel, Nutley, N. J., assignors to Hydrocarbon Research, Inc., New York, N. Y. Producing oxygen. 2,552,557, May 15.
Jenny, Frank J., New York, N. Y., and E. G. Scheibel, Nutley, N. J., assignors to Hydrocarbon Research, Inc., New York, N. Y. Producing oxygen. 2,552,558, May 15.
Jenny, Frank J., New York, N. Y., and E. G. Scheibel, Nutley, N. J., assignors to Hydrocarbon Research, Inc., New York, N. Y. Producing oxygen. 2,552,559, May 15.
Jenny, Frank J., New York, N. Y., and E. G. Scheibel, Nutley, N. J., assignors to Hydrocarbon Research, Inc., New York, N. Y. Producing oxygen. 2,552,560, May 15.

Jenny, Frank J., New York, N. Y., and E. G. Scheibel, Nutley, N. J., assignors to Hydrocarbon Research, Inc., New York, N. Y. Producing oxygen. 2,552,561, May 15.
Jenny, Georges, Paris, France. Cathodic coupling oscillator for electronic music instruments. 2,562,429, July 31.
Jenny, René, assignor, by mesne assignments, to Blue Robin Corporation, New York, N. Y. Erasing device. 2,545,282, Mar. 13.
Jenny, René, assignor, by mesne assignments, to Blue Robin Corporation, New York, N. Y. Erasing device. 2,564,604, Aug. 14.
Jenny, Rudolf, assignor to Meyerhofer G. m. b. H., Zurich, Switzerland. Gas-burner head with high-pressure air jets. 2,567,485, Sept. 11.
Jenny, Walter, Basel, and W. Kern, Sissach, assignors to Ciba Limited, Basel, Switzerland. Vat dyestuffs. 2,543,411, Feb. 27.
Jense, Willem F., Amsterdam, Netherlands, assignor to Shell Development Company, San Francisco, Calif. Bituminous compositions. 2,550,481, Apr. 24.
Jensen, Aage, Kenosha, Wis. Vehicle lifting device. 2,554,910, May 29.
Jensen, Arthur S., Princeton, N. J., assignor to Radio Corporation of America. Barrier grid storage tube. 2,538,836, Jan. 23.
Jensen, Arthur W., Joliet, Ill. Circuit controlling apparatus. 2,556,091, June 5.
Jensen, Carl C.: *See*—
Yelland, William E. C., and Jensen.
Jensen, Carl J., Copenhagen, Denmark. Slip-preventing attachment for vehicle wheels. 2,553,712, May 22.
Jensen, Charles A., assignor of one-half to G. E. Jensen, Pasadena, Calif. Overheated radiator signal. 2,541,518, Feb. 13.
Jensen, Charles J., and M. E. Lawyer, Washington, N. J., and H. A. Simpson, Oviedo, Fla., assignors to Vikon Tile Corporation, Washington, N. J. Device for reforming metal tiles. 2,573,767, Nov. 6.
Jensen, Charley T., Sacramento, Calif. Airplane mounted dust distributor. 2,569,172, Sept. 25.
Jensen, Du Wayne O.: *See*—
Johnson, Russell S., and Jensen.
Jensen, Evan A., Westchester, assignor to United Air Lines, Inc., Chicago, Ill. Plural-frequency coupling unit. 2,543,973, Mar. 6.
Jensen, Garold K., Pinecrest, Va. Frequency divider. 2,563,841, Aug. 14.
Jensen, George, Denver, Colo. Cartridge case. 2,566,569, Sept. 4.
Jensen, Grace E., assignee: *See*—
Jensen, Charles A.
Jensen, Gustav B., New York, N. Y. Continuous strip magazine razor. 2,561,575, July 24.
Jensen, Hans, Arlington Heights, assignor, by mesne assignments, to Rotary Seal Company, Chicago, Ill. Bearing seal. 2,559,963, July 10.
Jensen, Hans, Arlington Heights, assignor, by mesne assignments, to Rotary Seal Company, Chicago, Ill. Bearing seal. 2,559,964, July 10.
Jensen, Hans C., Port Clinton, Ohio. Fishing gear. 2,576,880, Nov. 27.
Jensen, Harlan E., Shaker Heights, Ohio. Animal ear trimmer. 2,556,036, June 5.
Jensen, Harold A., Syracuse, N. Y., assignor to General Electric Company. Hydraulic winding machine. 2,558,564, June 26.
Jensen, Homer, Philadelphia, Pa. Image stabilizing apparatus for twin lens cameras. 2,544,686, Mar. 13.
Jensen, Jack H.: *See*—
Rust, David J., and Jensen.
Jensen, Jack H., assignor to Ry-Lock Company, Ltd., San Leandro, Calif. Lock for frameless window screen tensioning devices. 2,570,128, Oct. 2.
Jensen, Jack H., and D. J. Rust, assignors to Ry-Lock Co. Ltd., San Leandro, Calif. Ventilator screen. 2,564,011, Aug. 14.
Jensen, James A., Haverford, assignor to Philadelphia Valve Company, Philadelphia, Pa. Closure for pipe ends and the like. 2,541,653, Feb. 13.
Jensen, James A., Haverford, assignor to Philadelphia Valve Company, Philadelphia, Pa. Valve. 2,573,263, Oct. 30.
Jensen, Jens A.: *See*—
Sumerford, W. T., and Jensen.
Jensen, John W., Los Angeles, Calif. Automobile fishing pole holder. 2,578,067, Dec. 11.
Jensen, Kaj H. F.: *See*—
Jensen, Kaj L. and K. H. F., and Jacobsen.
Jensen, Kaj. L. and K. H. F., and H. F. Jacobsen, London, England. Constant speed clutch governor. 2,555,929, June 5.
Jensen, Kristen J., Eureka, Calif. Curtain and shade fixture. 2,545,147, Mar. 13.
Jensen, Lee, Chattanooga, Tenn. Flexible electrode. 2,555,037, May 29.
Jensen, Lloyd B., assignor to Swift & Company, Chicago, Ill. Extraction of antibiotic material. 2,550,254, Apr. 24.
Jensen, Lloyd B., assignor to Swift & Company, Chicago, Ill. Preservation of food products. 2,550,255, Apr. 24.
Jensen, Lloyd B., assignor to Swift & Company, Chicago, Ill. Preservation of food products. 2,550,256, Apr. 24.
Jensen, Lloyd B., assignor to Swift & Company, Chicago, Ill. Preservation of food products. 2,550,258, Apr. 24.
Jensen, Lloyd B., assignor to Swift & Company, Chicago, Ill. Preservation of food products. 2,550,259, Apr. 24.
Jensen, Lloyd B., assignor to Swift & Company, Chicago, Ill. Preservation of food products. 2,550,261, Apr. 24.
Jensen, Lloyd B., Chicago, and W. R. Hess, Downers Grove, Ill., assignors, by mesne assignments, to Swift & Company. Preservation of food products. 2,550,253, Apr. 24.
Jensen, Lloyd B., Chicago, and W. A. Miller, Evergreen Park, assignors to Swift & Company, Chicago, Ill. Preservation of food products. 2,550,257, Apr. 24.
Jensen, Lloyd B., Chicago, and W. A. Miller, Evergreen Park, assignors to Swift & Company, Chicago, Ill. Preservation of food products. 2,550,260, Aur. 24.
Jensen, Lloyd B., Chicago, Ill., and W. A. Miller, Manhattan, Kans., assignors to Swift & Company, Chicago, Ill. Preservation of food products. 2,550,262, Apr. 24.
Jensen, Lloyd B., Chicago, Ill., and W. A. Miller, Manhattan, Kans., assignors to Swift & Company, Chicago, Ill. Preservation of food products. 2,550,263, Apr. 24.
Jensen, Lloyd B., Chicago, Ill., and W. A. Miller, Manhattan, Kans., assignors to Swift & Company, Chicago, Ill. Preservation of food products. 2,550,264, Apr. 24.
Jensen, Lloyd B., Chicago, Ill., and W. A. Miller, Manhattan, Kans., assignors to Swift & Company, Chicago, Ill. Preservation of food products. 2,550,265, Apr. 24.
Jensen, Lloyd B., Chicago, Ill., and W. A. Miller, Manhattan, Kans., assignors to Swift & Company, Chicago, Ill. Preservation of food products. 2,550,266, Apr. 24.
Jensen, Lloyd B., Chicago, Ill., and W. A. Miller, Manhattan, Kans., assignors to Swift & Company, Chicago, Ill. Preservation of food products. 2,550,267, Apr. 24.
Jensen, Lloyd B., and J. E. Sherman, assignors to Swift & Company, Chicago, Ill. Preservation of food products. 2,550,268, Apr. 24.
Jensen, Lloyd B., and J. E. Sherman, assignors to Swift & Company, Chicago, Ill. Preservation of food products. 2,550,269, Apr. 24.
Jensen, Louis E., and J. Auer, assignors to Universal Development Company, Milwaukee, Wis. Chart holder. 2,558,565, June 26.
Jensen, Melvin L.: *See*—
Shaw, Ernest C., and Jensen.
Jensen, Nels, Grass Valley, Calif. Roll-away bed and display rack. 2,565,027, Aug. 21.
Jensen, Nels T., assignor of one-half to Chester Sheets, San Bernardino, Calif. Food protecting blanket. 2,561,798, July 24.
Jensen, Otto, assignor to Seidlitz Paint & Varnish Co., Kansas City, Mo. Producing a composition of matter in the nature of paint color base. 2,539,429, Jan. 30.
Jensen, Otto, Malvern, assignor to I. T. E. Circuit Breaker Company, Philadelphia, Pa. Circuit breaker time-delay device. 2,543,410, Feb. 27.
Jensen, Otto, Malvern, assignor to I. T. E. Circuit Breaker Company, Philadelphia, Pa. Circuit maker. 2,559,216, July 3.
Jensen, Otto M., assignor to Peerless Machine Company, Racine, Wis. Chuck. 2,560,798, July 17.
Jensen, Ralph L., assignor to Warwal Corporation, Chicago, Ill. Folding armchair. 2,567,111, Sept. 4.
Jensen, Raymond W.: *See*—
Ramsaur, Walter R., and Jensen.
Jensen-Salsbery Laboratories, Inc., assignee: *See*—
Kartsonis, Paul L., and Austin.
Jensen, Thormod, Laurelton, N. Y., and F. A. Drury, Jersey City, N. J., assignors to American Machine & Foundry Company. Bread-wrapping machine. 2,538,564, Jan. 16.
Jensen, William H., and M. R. Bates, Milwaukee, Wis. Electromechanical time counter. 2,553,972, May 22.
Jenson, Arthur H., Evanston, Ill. Automatic can opener. 2,579,189, Dec. 18.
Jenson, Kenneth S., assignor to Prentiss-Wabers Products Company, Wisconsin Rapids, Wis. Forced air circulation combustion type space heater. 2,576,685, Nov. 27.
Jentsch, Edward, Clifton, N. J. Yarn carrier. 2,560,955, July 17.
Jentsch, Edward, Clifton, N. J. Yarn carrier. 2,577,968, Dec. 11.
Jentzen, George, North Bergen, N. J. Noisemaker building block. 2,550,270, Apr. 24.
Jeny Corporation, assignee: *See*—
Clark, Joseph C.
Jeppson, George N., assignor to Norton Company, Worcester, Mass. Refractory support for ware in a tunnel kiln. 2,543,549, Feb. 27.
Jeppson, Harry: *See*—
Melin, Bertil, and Jeppson.
Jepsen, Robert L., Lancaster, Pa., assignor to Radio Corporation of America. Cathode structure for magnetrons. 2,552,045, May 8.
Jepson, Alfred B., and J. B. Cooper, Seattle, Wash., assignors to Boeing Airplane Company. Pressure cabin system. 2,539,430, Jan. 30.
Jepson, Ivar, Oak Park, assignor to Sunbeam Corporation, Chicago, Ill. Coffee maker seal. 2,544,324, Mar. 6.

Jepson, Ivar, Oak Park, assignor to Sunbeam Corporation, Chicago, Ill. Coffee maker seal. 2,551,563, May 1.
Jepson, Ivar, Oak Park, assignor to Sunbeam Corporation, Chicago, Ill. Rotating mixer bowls. 2,552,972, May 15.
Jepson, Ivar, Oak Park, Ill., assignor to Sunbeam Corporation. Magazine type recording apparatus. 2,557,437, June 19.
Jepson, Ivar, Oak Park, assignor to Sunbeam Corporation, Chicago, Ill. Filter assembly for coffee makers. 2,564,644, Aug. 14.
Jereb, Paul, Oakland, Calif. Automatic belt take-up pulley. 2,541,766, Feb. 13.
Jerguson Gage & Valve Company, assignee: *See*—
Van Ham, Ernest E.
Jerman, Daniel L., Teaneck, N. J. Differential pressure closed safety valve. 2,569,316, Sept. 25.
Jermář, František, Prague, Czechoslovakia. Hydraulic structure and the like. 2,551,678, May 8.
Jernberg, Bengt H.: *See*—
Vinell, Per G., and Jernberg.
Jerner, Oscar E., Turlock, Calif. Machine for forming the upper segment of in-place concrete pipe. 2,574,213, Nov. 6.
Jernstedt, George W., Belleville, N. J., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Electroplating. 2,575,712, Nov. 20.
Jernstedt, George W., Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Periodic reverse current electroplating apparatus. 2,558,090, June 26.
Jerome, Arthur L.: *See*—
Pascoe, Frank T., and Jerome.
Jerome, Charles W.: *See*—
Keilholtz, Gerald W., and Jerome.
Jervis, Wayne T., Flossmoor, assignor to Weber Costello Company, Chicago Heights, Ill. Combination chalk board molding strip and map display rail hook supporting member. 2,570,454, Oct. 9.
Jesionowski, John, Schenectady, N. Y. Filing machine. 2,540,889, Feb. 6.
Jesnig, Charles J., Newtown Square, assignor to Package Devices, Inc., Philadelphia, Pa. Medicinal inhaler. 2,569,720, Oct. 2.
Jespersen, Paul W., Wilmette, assignor to American Linen Supply Co., Chicago, Ill. Towel unwinding and folding machine. 2,574,642, Nov. 13.
Jesse, Klaus M., Wichita, Kans. Disposable baby bib. 2,571,888, Oct. 16.
Jessen, George J., Philadelphia, Pa., and W. C. Kenworthy, Atlantic City, N. J. C clamp with angularly adjustable pressure element. 2,576,904, Nov. 27.
Jessen, John D., O'Hara Township, Allegheny County, assignor to Blaw-Knox Company, Pittsburgh, Pa. Inside form for casting elongated hollow concrete structures. 2,547,946, Apr. 10.
Jessen, Kaj A. K., Vanløse, Denmark. Vehicle body and running gear support. 2,547,580, Apr. 3.
Jessen, Robert F., Lancaster, S. C., asignor, by mesne assignments, to Saco-Lowell Shops, Boston, Mass. Drafting apparatus. 2,568,502, Sept. 18.
Jessup, Alfred C., E. F. Emley, and P. A. Fisher, assignors to Magnesium Elektron Limited, Clifton Junction, near Manchester, England. Magnesium base alloys. 2,549,955, Apr. 24.
Jessup, George W., Waltham, Mass. Automatic transmission. 2,564,848, Aug. 21.
Jester, Claude O., Muncie, Ind. Hinged fusee holder. 2,551,269, May 1.
Jet Electric Shaver Corporation, assignee: *See*—
Berg, Emil G.
Jet-Heet, Inc., assignee: *See*—
Af Kleen, Nils E.
MacCracken, Calvin D.
Jeter, Killis W., Sr., and V. A. D. Shreffler, Barnsdall, Okla. Sanitary knife rack. 2,572,624, Oct. 23.
Jetter, Harry, Quincy, assignor to J. A. Dunn, Boston, Mass. Selective printing device with roller platen. 2,547,472, Apr. 3.
Jeurling, Sten A. Wilhelm, Stockholm, Sweden, assignor to Super-Spray Paint Corporation, Kings County, N. Y. Spray device. 2,554,829, May 29.
Jewel-Smiths, Inc., assignee: *See*—
Hans, Charles A.
Jewel Tea Co., Inc., assignee: *See*—
Berry, Robert I.
Owens, Thomas B.
Jewell, Howard W., assignor to Pacific Clay Products, Los Angeles, Calif. Method of and apparatus for drying ceramic pipe. 2,554,705, May 29.
Jewell, Joseph W., Summit, and W. B. Johnson, Far Hills, assignors to The M. W. Kellogg Company, Jersey City, N. J. Synthesis of organic compounds. 2,543,974, Mar. 6.
Jewell, William E., Jr., assignor to Engineering Service, Philadelphia, Pa. Door stop. 2,558,614, June 26.
Jewett, Charles S., Ramsey, N. J., and J. Modrovsky, Flushing, N. Y., assignors to Wright Aeronautical Corporation. Lubrication system. 2,562,722, July 31.
Jewett, Deane N., assignor to Detroit Hardware Manufacturing Company, Detroit, Mich. Push bar assembly. 2,576,511, Nov. 27.
Jewett, Frank H., II: *See*—
Porter, Laurence W., and Jewett.
Jewett, Harold A., Washington, D. C., and N. J. Jewett, Arlington County, Va. Musical instrument keyboard. 2,542,532, Feb. 20.
Jewett, Lawrence E.: *See*—
McLeod, John H., Jr., and Carolus and Jewett.
Jewett, Nelson J.: *See*—
Jewett, Harold A. and N. J.
Jewett, Nelson J., Arlington County, Va. Slide-seat rowing apparatus. 2,557,972, June 26.
Jilbert, Stanley W., Blasdell, N. Y. Floor cleaning and polishing device. 2,552,631, May 15.
Jimenez, James A., Temple City, and P. O. Bloomquist, South Pasadena, and W. R. Wells, Los Angeles, Calif. Label attaching means. 2,576,838, Nov. 27.
Jindrich, Joseph, Marengo, Iowa. Winch operated vertically adjustable scaffold. 2,548,265, Apr. 10.
Jirovsky, Cyril E., Blencoe, Iowa. Remote control for dump rakes. 2,543,173, Feb. 27.
Jirsa, Emil F.: *See*—
Worthington, Wayne H., and Jirsa.
Jirsa, Emil F., and J. S. Ross, Waterloo, assignors to Deere Manufacturing Co., Dubuque, Iowa. Adjustable draft structure for vehicles. 2,539,666, Jan. 30.
Joanen, Miles A., Houston, Tex., assignor to Sinclair Refining Company, New York, N. Y. Stabilized paraffin wax. 2,547,396, Apr. 3.
Jobbins, William F., Incorporated, assignee: *See*—
Willmore, Charles B.
Jobling, James A., & Company Limited, assignee: *See*—
Jobling-Purser, Ernest J., and Cox.
Jobling-Purser, Ernest J., Burdon Hall, near Sunderland, and S. M. Cox, Westoe Village, assignors to James A. Jobling & Company Limited, Sunderland, England. Manufacture of large glass structures, in particular astronomical telescope mirrors. 2,537,465, Jan. 9.
Jobst, Conrad, Toledo, Ohio. Surgical stocking. 2,574,873, Nov. 13.
Jochem, Marinus: *See*—
Kruithof, Jakob, and Jochem.
Jock, Wadsworth S., Newald, Wis. Centering tool. 2,567,338, Sept. 11.
Jocsak, John, Easton, and H. F. Fox, Bethlehem, Pa. Zigzag sewing machine. 2,559,438, July 3.
Joel, Amos E., Jr.: *See*—
Flint, Erlon W., and Joel.
Joerndt, Wilbur A., Silver Spring, Md., and R. W. Larson, Marshfield, Wis., assignors to the United States of America as represented by the Secretary of the Navy. Wave guide attenuator. 2,570,813, Oct. 9.
Joerndt, Wilbur A., Silver Spring, Md., assignor to the United States of America as represented by the Secretary of the Navy. Wave guide attenuator. 2,570,814, Oct. 9.
Joerren, Ernest A., Brooklyn, N. Y., assignor to Specialties Development Corporation, Belleville, N. J. Heat or flame detecting element and assembly. 2,566,335, Sept. 4.
Joesting, Edwin O., assignor to Minnesota Mining and Manufacturing Company, St. Paul, Minn. Pressure-sensitive adhesive tape. 2,567,671, Sept. 11.
Joesting, Frederick D., Oak Park, Ill., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Temperature responsive control apparatus. 2,564,222, Aug. 14.
Joesting, Harry F., assignee: *See*—
Le Claire, Eugene J.
Le Claire, Eugene J., and Heinzman.
Jofeh, Lionel, assignor to A. C. Cossor Limited, London, England. Voltage combining circuits. 2,563,245, Aug. 7.
Joffe, Morris, Brooklyn, N. Y. Corn popping device. 2,561,203, July 17.
Joffe, Morris H.: *See*—
Harris, Benjamin R., and Joffe.
Johannesson, Charles L., Osoyoos, British Columbia, Canada. Demountable pipe coupling. 2,573,974, Nov. 6.
Johannsen, Udo K., assignor to The Brewer-Titchener Corporation, Cortland, N. Y. Ironing board structure. 2,545,699, Mar. 20.
Johannson, Oscar K., assignor to Corning Glass Works, Corning, N. Y. Coating a siliceous base. 2,557,786, June 19.
Johansen, Bernhard A.: *See*—
Ortenblad, Ture, and Johansen.
Johansen, Einar K.: *See*—
Glasner, Rudolph W., and Johansen.
Johansen, Einar K., Oak Park, assignor to Clearing Machine Corporation, Chicago, Ill. High-speed metal drawing press. 2,550,063, Apr. 24.
Johansen, Einar K., Oak Park, assignor to Clearing Machine Corporation, Chicago, Ill. Crankshaft bearing assembly. 2,573,574, Oct. 30.
Johansen, Einar K., Oak Park, assignor to Clearing Machine Corporation, Chicago, Ill. Metal drawing press. 2,579,078, Dec. 18.
Johansen, Einar K., Oak Park, and R. W. Glasner, assignors to Clearing Machine Corporation, Chicago, Ill. Metalworking power press. 2,546,100, Mar. 20.
Johansen, Gordon W., and W. E. Copley, Livingston, said Copley assignor to W. A. Yocom, Atwater, Calif. Implement raising and locking device. 2,580,100, Dec. 25.
Johansen, Hans, Mantua, and A. A. Visintainer, Cleveland Heights, Ohio. Guiding and connecting means for pile-driving hammers and piles. 2,562,039, July 24.

Johansen, Harry C., Michigan City, Ind., assignor to Joy Manufacturing Company. Device for coupling and uncoupling drill rod joints. 2,546,224, Mar. 27.
Johansen, Jens, Copenhagen, Denmark, assignor to F. L. Smidth & Co., New York, N. Y. Apparatus for feeding and weighing. 2,549,908, Apr. 24.
Johansen, Johan H., Great Kills, N. Y. Belt conveyer. 2,551,840, May 8.
Johansen, John I., Soda Springs, Calif. Ski binding. 2,546,694, Mar. 27.
Johansen, John I., Soda Springs, Calif. Safety ski binding. 2,554,706, May 29.
Johanson, Karl E., Oak Lawn, Ill. Automatic overhead door. 2,568,808, Sept. 25.
Johanson, Robert E. F., Vancouver, British Columbia, Canada. Saw chain. 2,565,502, Aug. 28.
Johansson, Alf N., Bleket, Sweden. Holdfast having slidable jaw sequentially positioned and advanced by plural-cam lever. 2,538,314, Jan. 16.
Johansson, Arvid W.: *See*—
Dalin, David, Hedbäck, Gejrot, and Johansson.
Johansson, Carl E., assignor to The Youngstown Steel Door Company, Cleveland, Ohio. Shipping container for aircraft engines. 2,549,906, Apr. 24.
Johansson, Carl E., assignor to The Youngstown Steel Door Company, Cleveland, Ohio. Shipping container for aircraft engines. 2,549,907, Apr. 24.
Johansson, Erik Johannes, Bengtsbo, Brickegarden, Karlskoga, Sweden. Chuck. 2,543,290, Feb. 27.
Johansson, Ernest G., Belmont, assignor to Anchor Manufacturing Company, Boston, Mass. Multiple switch actuator. 2,542,533, Feb. 20.
Johansson, Johan E., assignor to Aktiebolaget Gotaverken, Goteborg, Sweden. Compressor arrangement for internal-combustion engine exhausting combustion products to another engine. 2,548,609, Apr. 10.
Johansson, Johan E., assignor to Aktiebolaget Götaverken, Gothenburg, Sweden. Power plant having means for automatically charging the engine with scavenging air. 2,567,486, Sept. 11.
Johansson, Sven C.: *See*—
Ericsson, Ernst A., and Johansson.
Johansson, Sven C., Goteborg, Sweden. Disinfectant composition containing a corrosion inhibitor. 2,575,713, Nov. 20.
Johansson, Sven-Erik: *See*—
Arvidsson, Algot, and Johansson.
John, Albert T.: *See*—
Carl, Jack W., and J.
John, Charles R., Cincinnati, Ohio. Gauging device for magneto replacement. 2,556,760, June 12.
John, Francis, Wenatchee, Wash. Tire chain assembly. 2,570,685, Oct. 9.
John, John S.: *See*—
Huston, Owen H., and John.
John, Robert S., Waukegan, Ill., assignor to Pfanstiehl Chemical Co. Tone arm. 2,542,534, Feb. 20.
Johner, Hans: *See*—
Schmid, Max, and Johner.
Johnes, Frederick W.: *See*—
Autie, Edward G., and Johnes.
Johns, Charles K.: *See*—
Hill, Charles, and Johns.
Johns, Henry S., Cleveland Heights, Ohio, W. H. Johns, Joliet, and A. D. Sinden, Aurora, Ill., assignors to Stephens-Adamson Mfg. Co. Conveyer discharge mechanism. 2,548,111, Apr. 10.
Johns, Jesse G., Cut Bank, Mont. Pile hammer. 2,554,146, May 22.
Johns, John W., and C. J. Ekart, Wamego, Kans. Tank trailer. 2,545,088, Mar. 13.
Johns-Manville Corporation, assignee: *See*—
Atchison, Thomas C.
Ayers, Osborn.
Coleman, John E.
De Witt, Walter M., Sr.
Fuller, Earnest M., and Lund.
Hedges, Lee M.
Hoheisel, Otto.
Kalin, John B.
McCreary, Kenneth.
McDermott, Paul F., and Holcomb.
Miles, William S.
Modigliani, Piero.
Parry, Robert E.
Perry, Walter M.
Powell, Edward R.
Reinecker, Walter.
Russum, Gallard R.
Skeoch, Donald H.
Stafford, Robert M.
Stafford, William L.
Stafford, William L., and Powell.
Tucker, Jesse L.
Van Cleef, Paul.
Voigt, Paul A.
Weymouth, Laurence E.
Johns, William H.: *See*—
Johns, Henry S. and W. H., and Sinden.
Johnsen, Harold A.: *See*—
Butterfield, James E., Sr., James E. Butterfield, Jr., and Johnsen.
Johnson, Aage: *See*—
Hopkins, Marion D., and Johnson.
Johnson, Adeline G., assignee: *See*—
Johnson, Kenneth W.
Johnson, Albert, Los Angeles, Calif. Sanitary device. 2,573,449, Oct. 30.
Johnson, Albert L., St. Paul, Minn., assignor to Johnson Power-On Transmission Corporation of Illinois, Chicago, Ill. Transmission. 2,536,644, Jan. 2.
Johnson, Alden M., assignee: *See*—
Kennedy, Kenneth R.
Johnson, Alfred C.: *See*—
Miller, William J., and Johnson.
Johnson, Alfred J., Ranier, and F. D. McCormack, International Falls, Minn. Pulpwood chain sawing machine. 2,554,989, May 29.
Johnson, Andrew, assignee: *See*—
Gamache, Homer.
Johnson, Arnold E. W., Oak Park, Ill., assignor to International Harvester Company. Hydraulic power transmitting device. 2,558,960, July 3.
Johnson, Arthur, Roby, near Liverpool, England. Luminous sign. 2,562,793, July 31.
Johnson, Arthur A., trustee, assignee: *See*—
Leonard, George H.
Johnson, Arthur A., assignor to Casco Products Corporation, Bridgeport, Conn. Cyclometer clock alarm. 2,539,138, Jan. 23.
Johnson, Arthur A., assignor to Casco Products Corporation, Bridgeport, Conn. Heating pad control system. 2,579,926, Dec. 25.
Johnson, Arthur C., Lynn, Mass., and R. O. Phillips, Londonderry, Vt. Plastic cartridge case and making same. 2,564,695, Aug. 21.
Johnson, Arthur F., Cambridge, Mass., assignor to Reynolds Metals Company, Richmond, Va. Electrolytic refining of impure aluminum. 2,539,743, Jan. 30.
Johnson, Arthur J.: *See*—
Lemmon, Paul E., and Johnson.
Johnson, Arthur W., and E. L. Fagerstrom, assignors to The Ingersoll Milling Machine Company, Rockford, Ill. Multiple station machine tool. 2,577,766, Dec. 11.
Johnson, Ava J., Oakland, and A. J. Cherniavsky, assignors to Shell Development Company, San Francisco, Calif. Chlorine production. 2,542,961, Feb. 20.
Johnson, Axel A., Holly, Mich. Radiator siphon. 2,577,014, Dec. 4.
Johnson, Axel F., Lombard, assignor to Chicago Metal Hose Corporation, Maywood, Ill. Coupling connection. 2,556,544, June 12.
Johnson, Bayard S.: *See*—
Hussey, James F., and Johnson.
Johnson Biscuit Company, assignee: *See*—
Watson, Nathan J.
Johnson, C. H., & Son, Limited, assignee: *See*—
Philippovic, Joachim W.
Johnson, C. S., Company, The, assignee: *See*—
Martinson, Edwin O.
Johnson, Carl E., Hammond, and C. E. Adams, Highland, Ind., assignors to Standard Oil Company, Chicago, Ill. Condensation of alkyl aryl ethers with alpha-halogen alkanals. 2,560,173, July 10.
Johnson, Carl E., H. C. Wohlers, and G. M. Wagner, assignors to Michigan Chemical Corporation, St. Louis, Mich. Thiophene chlorination with iodine catalyst. 2,540,675, Feb. 6.
Johnson, Carl E., and G. M. Wagner, assignors to Michigan Chemical Company, St. Louis, Mich. 2-bromothiophene. 2,544,164, Mar. 6.
Johnson, Carl G., assignor to J. P. Seeburg Corporation, Chicago, Ill. Automatic phonograph. 2,545,359, Mar. 13.
Johnson, Carl V., Tampa, Fla. Hand protective device. 2,556,189, June 12.
Johnson, Carl W., Brooklyn, N. Y., assignor to American Machine and Foundry Company. Automatic stitch length adjusting mechanism. 2,538,565, Jan. 16.
Johnson, Charles A., Berlin, N. H. Seating means for wood chipper bed knives. 2,566,938, Sept. 4.
Johnson, Charles A., Jr.: *See*—
Hayward, John M., Johnson, and Neisser.
Johnson, Charles A., Jr., Murray Hill, and C. L. Krumreich, Paterson, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone substation apparatus. 2,544,325, Mar. 6.
Johnson, Charles E., North Muskegon, assignor to Johnson Products, Inc., Muskegon Heights, Mich. Holding wrench for tappets. 2,544,022, Mar. 6.
Johnson, Charles H., assignor to Gisholt Machine Company, Madison, Wis. Hydraulic follow-up tool feed for lathes. 2,569,526, Oct. 2.
Johnson, Charles P.: *See*—
Sporing, Percy A., and Johnson.
Johnson, Chester W., Bridgewater, assignor of one-half to Nuproducts Corporation, Cambridge, Mass. Fabric guiding mechanism and feeler control therefor. 2,577,195, Dec. 4.
Johnson, Clarence, Orfordville, Wis., assignor to Bailey Meter Company. Machine-tool control. 2,577,128, Dec. 4.
Johnson, Clarence, South Euclid, Ohio, assignor to Bailey Meter Company. Pressure fluid follow-up servomotor. 2,536,184, Jan. 2.
Johnson, Clarence, South Euclid, Ohio, assignor to Bailey Meter Company. Apparatus for determining surface quality. 2,538,622, Jan. 16.

Johnson, Clarence, South Euclid, Ohio, assignor to Bailey Meter Company. Control system. 2,549,971, Apr. 24.
Johnson, Clarence A., assignor to W. H. Miner, Inc., Chicago, Ill. Shock absorbing mechanism. 2,540,334, Feb. 6.
Johnson, Clarence L., Encino, assignor to Lockheed Aircraft Corporation, Burbank, Calif. Fuel transfer system including automatic and sequential selection of fuel tanks. 2,557,438, June 19.
Johnson, Clarence L., Encino, assignor to Lockheed Aircraft Corporation, Burbank, Calif. Adjustable empennage. 2,580,176, Dec. 25.
Johnson, Clarence R., Gary, Ind. Combined bumper and grille. 2,578,068, Dec. 11.
Johnson, Clarence V., Yates Center, Kans. Combined toy building and puzzle. 2,569,107, Sept. 25.
Johnson, Clarke F., assignee: *See*—
Cranfill, James M., Jr., Wheat, and C. A.
Johnson, Clifford N., assignor to Ritepoint Co., St. Louis, Mo. Attaching means and assembly method for slotted tube and tip member of a mechanical pencil. 2,544,759, Mar. 13.
Johnson, Clifford N., assignor to Ritepoint Co., St. Louis, Mo. Pencil clip. 2,579,080, Dec. 18.
Johnson, Clifford V.: *See*—
Fish, Carl C., and Johnson.
Johnson, Corydon M.: *See*—
Morris, Daniel L., and Johnson.
Johnson, Dale C., Concord, H. L. Warner, Oakland, and A. A. Zambruno, San Mateo, assignors, by mesne assignments, to W. H. Mead, Oakland, Calif. Mold treating apparatus. 2,577,196, Dec. 4.
Johnson, David A., assignor to Nineteen Hundred Corporation, St. Joseph, Mich. Clutch and brake mechanism. 2,554,573, May 29.
Johnson, Donald M., Cicero, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Zinc and cadmium passivating bath. 2,559,878, July 10.
Johnson, Dorothy E., Havertown, assignor to C. W. H. Schroth, Jr., Abington, Pa. Detachable receptacle for portable baby bathing outfits. 2,579,674, Dec. 25.
Johnson, E. F., Company, assignee: *See*—
Bane, Clayton F.
Johnson, Earl F., Milwaukee, Wis. Divisible carton. 2,551,679, May 8.
Johnson, Earl W., assignee: *See*—
Castle, James B., Jr., and Sinclair.
Johnson, Ed. C., Nunn, Colo. Railroad tie puller. 2,545,783, Mar. 20.
Johnson, Edgar G., Park Ridge, Ill., assignor to Koppers Company, Inc., Pittsburgh, Pa. Flexible coupling. 2,565,770, Aug. 28.
Johnson, Edward D., assignor to Wagner Electric Corporation, St. Louis, Mo. Gear shift and throttle control system. 2,575,277, Nov. 13.
Johnson, Edward D., St. Louis, Mo., and C. F. Wall, Marion, Ill., assignors to Wagner Electric Corporation, St. Louis, Mo. Accumulator. 2,540,676, Feb. 6.
Johnson, Edward R.: *See*—
Kahle, Walter R., and Johnson.
Johnson, Edward W.: *See*—
Lehane, Timothy J., Haskett, and Johnson.
Lehane, Timothy J., and Johnson.
Johnson, Edwin L., Ottawa, Kans. Anchor. 2,556,279, June 12.
Johnson, Edwin P.: *See*—
Marchant, Ira A., and Johnson.
Johnson, Elmer C.: *See*—
Andrews, Boley A., Shontz, Jr., and Johnson.
Johnson, Elmer L., assignor to Bell & Howell Company, Chicago, Ill. Photographic copying apparatus. 2,559,770, July 10.
Johnson, Elmer L., and H. Sollner, assignors to Bell & Howell Company, Chicago, Ill. Photographic copying apparatus. 2,536,289, Jan. 2.
Johnson, Emil J., Minneapolis, Minn. Mold for concrete steps. 2,558,615, June 26.
Johnson, Enoch B.: *See*—
Kaehler, Arnold A., and Johnson.
Johnson, Eric A., Bemus Point, N. Y. Leash or tether post. 2,551,540, May 1.
Johnson, Eric C.: *See*—
Morris, Thomas C., and Johnson.
Johnson, Ernest H.: *See*—
Bullard, Edward P. and E. P., III, Appelberg, Bjorklund, Cowell, Grinage, Johnson, Lange, and Mussler.
Johnson, Ernest W., Mountainside, and J. M. Church, Tenafly, N. J., assignors to Metal & Thermit Corporation, New York, N. Y. Making tin hydrocarbons. 2,570,686, Oct. 9.
Johnson, Erwin R.: *See*—
Peterson, Walter R., and Johnson.
Johnson, Ethel H., executrix: *See*—
Johnson, John.
Johnson, Everard L., Patchogue, N. Y. High chair. 2,544,760, Mar. 13.
Johnson, Everett A., Park Ridge, Ill. Spray-roller dispenser. 2,563,842, Aug. 14.
Johnson, Everett A., Park Ridge, Ill. Coating roller device. 2,570,243, Oct. 9.
Johnson, Everett A., Park Ridge, Ill. Dispensing roller device. 2,572,034, Oct. 23.
Johnson, Everett A., Park Ridge, assignor to Standard Oil Company, Chicago, Ill. Apparatus for wear indicating and logging while drilling. 2,575,173, Nov. 13.
Johnson, Ferdinand C., assignor to Kendall Corporation, Milwaukee, Wis. Cutting tool holder. 2,546,306, Mar. 27.
Johnson, Fletcher S., London, England. Display device. 2,555,135, May 29.
Johnson, Forrest A.: *See*—
Ljunggren, Thor H., and Johnson.
Johnson, Francis B., Burbank, assignor to Consolidated Vultee Aircraft Corporation, San Diego, Calif. Lateral control device for aircraft. 2,540,335, Feb. 6.
Johnson, Frank E., Malden, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Snap fastener socket member. 2,541,966, Feb. 13.
Johnson, Frank E., Malden, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Locking nut. 2,564,645, Aug. 14.
Johnson, Frank M., assignor to Universal Camera Corporation, New York, N. Y. Automatic phonograph. 2,544,230, Mar. 6.
Johnson, Fred H., Pittsburgh, Pa., assignor to United States Steel Company. High-temperature gas valve. 2,575,875, Nov. 20.
Johnson, Fred J., Ferndale, Mich., assignor to Avco Manufacturing Corporation. Variable-speed gearing for driving propellers. 2,547,161, Apr. 3.
Johnson, Fred T.: *See*—
Johnson, Orvin S., and Roberts.
Johnson, Frithiof V., Scotia, N. Y., assignor to General Electric Company. Sighting mechanism. 2,550,482, Apr. 24.
Johnson, Fritz, Idaho Falls, Idaho. Vine remover and chopper. 2,544,023, Mar. 6.
Johnson, Fritz, Idaho Falls, Idaho. Vine puller and cutter. 2,544,024, Mar. 6.
Johnson, Fritz, Idaho Falls, Idaho. Pulling and comminuting device for plants, stalks, and the like. 2,544,025, Mar. 6.
Johnson, Fritz, Idaho Falls, Idaho. Wire tool. 2,553,920, May 22.
Johnson, Gene, Westchester County, N. Y. Cigarette container. 2,544,501, Mar. 6.
Johnson, George C., Woodbury, N. J., assignor to Socony-Vacuum Oil Company, Incorporated. Mineral oil compositions containing polymers of thiophene. 2,560,956, July 17.
Johnson, George H., and R. C. Higgins, assignors, by mesne assignments, to Higgins, Inc., New Orleans, La. Mixing cement composition. 2,560,871, July 17.
Johnson, George L., Jr.: *See*—
Simon, Alfred W., and Johnson.
Johnson, George V., assignor to Transitier Truck Co., Portland, Oreg. Lift truck. 2,561,576, July 24.
Johnson, George W., Cincinnati, assignor to The American Laundry Machinery Company, Norwood Station, Cincinnati, Ohio. Balancing device. 2,572,265, Oct. 23.
Johnson, George W., Emeryville, assignor to W. Bence, Los Angeles, Calif. Weiner roaster. 2,579,827, Dec. 25.
Johnson, Glen A., Tenino, Wash. Portable yarding and cutoff swing-saw. 2,572,347, Oct. 23.
Johnson, Glen A., Tenino, Wash. Portable sawmill. 2,574,974, Nov. 13.
Johnson, Glen F., assignor to Bower Roller Bearing Company, Detroit, Mich. Work feeding and holding mechanism for machine tools. 2,546,752, Mar. 27.
Johnson, Glenn D., Compton, assignor to Baash-Ross Tool Company, Los Angeles, Calif. Crown block safety switch. 2,575,627, Nov. 20.
Johnson, Gordon, Company, assignee: *See*—
Johnson, Gordon W.
Johnson, Gordon W., Raytown, assignor to Gordon Johnson Company, Kansas City, Mo. Egg washing machine. 2,555,193, May 29.
Johnson, Gordon W., Raytown, assignor to Gordon Johnson Company, Kansas City, Mo. Poultry picking machine. 2,560,524, July 10.
Johnson, Grant W., Lincoln, Ill. Changeable pitch propeller. 2,549,313, Apr. 17.
Johnson, Gunder T., Starbuck, Manitoba, Canada. Constructing frostproof window sashes. 2,551,950, May 8.
Johnson, Gustave P., Waukegan, Ill. Spring seat construction. 2,568,071, Sept. 18.
Johnson, H., Engineering & Sales Co., assignee: *See*—
Johnson, Harold R.
Johnson, Harold R., assignor to H. Johnson Engineering & Sales Co., Rockford, Ill. Rubbing machine. 2,548,979, Apr. 17.
Johnson, Harold R., Washington, D. C. Clothespin. 2,548,536, Apr. 10.
Johnson, Harry A., Vancouver, Wash. Carbon rod jack. 2,568,194, Sept. 18.
Johnson, Harry H., Brookline, Mass. Shoe sole. 2,551,885, May 8.
Johnson, Harry H., Brookline, Mass. Shoe sole and heel. 2,555,590, June 5.
Johnson, Harry N., assignor to The Greist Manufacturing Company, New Haven, Conn. Cloth-holding device for buttonhole attachments. 2,573,146, Oct. 30.
Johnson, Harry O., and M. O'Hare, Donora, Pa., assignors to The American Steel and Wire Company of New Jersey. Large bell assembly. 2,563,681, Aug. 7.

Johnson, Harwick, Princeton, N. J., assignor to Radio Corporation of America. Delay circuit for rectangular waves. 2,537,589, Jan. 9.

Johnson, Harwick, Princeton, N. J., assignor to Radio Corporation of America. Line-contact semiconductor device. 2,580,027, Dec. 25.

Johnson, Herbert B., Rochester, N. Y., assignor, by mesne assignments, to The Quaker Oats Company, Chicago, Ill. Cleaning coal. 2,559,076, July 3.

Johnson, Herbert H., Jr., Woodbury, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Production of azo compounds. 2,551,003, May 1.

Johnson, Herbert L.: *See*—
Bondhus, Frances J., and Johnson.

Johnson, Herbert L., Media, and A. P. Stuart, Norwood, assignors to Sun Oil Company, Philadelphia, Pa. Insecticidal composition comprising the reaction product of ethylene chlorohydrin and 4-vinyl-cyclohexene. 2,539,909, Jan. 30.

Johnson, Herbert L., Media, and A. P. Stuart, Norwood, assignors to Sun Oil Company, Philadelphia, Pa. Insecticidal composition comprising 1,4-dithiocyanobutene-2. 2,539,910, Jan. 30.

Johnson, Herbert L., Media, and A. P. Stuart, Norwood, assignors to Sun Oil Company, Philadelphia, Pa. Polychlorinated vinylcyclohexene and its use as insecticide. 2,564,534, Aug. 14.

Johnson, Herbert L., Media, and A. P. Stuart, Norwood, assignors to Sun Oil Company, Philadelphia, Pa. Thiocyanated derivative of tetrachlorobutane. 2,573,973, Nov. 6.

Johnson, Herbert L., Media, and A. P. Stuart, Norwood, assignors to Sun Oil Company, Philadelphia, Pa. Polymerization of vinylcyclohexene. 2,576,515, Nov. 27.

Johnson, Herbert L., Media, and A. P. Stuart, Norwood, assignors to Sun Oil Company, Philadelphia, Pa. Polyalkyl benzophenone mixture. 2,580,300, Dec. 25.

Johnson, Herbert L., Media, and A. P. Stuart, Norwood, assignors to Sun Oil Company, Philadelphia, Pa. Polyvinyl chloride resin plasticized with a mixture of polyalkylated benzophenones. 2,580,301, Dec. 25.

Johnson, Herbert M., Needham, Mass. Photoelectric meter-scanning apparatus. 2,550,818, May 1.

Johnson Hinge Company, assignee: *See*—
Burton, Robert A.

Johnson, Horace J., Grosse Pointe, assignor to Penberthy Injector Company, Detroit, Mich. High-pressure liquid level gauge. 2,566,570, Sept. 4.

Johnson, Howard R., Pound, Va. Muffler with plural side branch chambers. 2,566,939, Sept. 4.

Johnson, Howard W., executor: *See*—
Johnson, Robert C., and Westerberg.

Johnson, Hubert K., Southport, Conn. Hand weeding and cultivating tool. 2,549,608, Apr. 17.

Johnson, Hugh B., Falls Church, Va. Portable shelter. 2,549,816, Apr. 24.

Johnson, Hugo H., Soudan, Minn. Boat protecting device. 2,536,551, Jan. 2.

Johnson, Irwin E., Cleveland Heights, assignor to The Harshaw Chemical Company, Elyria, Ohio. Manufacture of nickel formate. 2,576,072, Nov. 20.

Johnson, Isaac H., Fredericton, New Brunswick, Canada. Insulator bracket. 2,538,523, Jan. 16.

Johnson, Ivar W.: *See*—
Spittler, Eugene R., and Johnson.

Johnson, J. Dean: *See*—
Pipkin, Marvin, and Johnson.

Johnson, James C., Houston, Tex. Rotary scraping device for cleaning surface pitted pipe. 2,575,816, Nov. 20.

Johnson, James E., South Dos Palos, Calif. Hinged apron for earth carrying scoops. 2,562,193, July 31.

Johnson, James E. and C. R. Yirava, assignors to Benjamin Reel Products, Inc., Cleveland, Ohio. Reel. 2,565,452, Aug. 21.

Johnson, James H., assignor to Fraser Products Company, Alpena, Mich. Tent. 2,540,529, Feb. 6.

Johnson, James H., assignor to Fraser Products Company, Alpena, Mich. Seat cover fastening means. 2,568,398, Sept. 18.

Johnson, James H., Auburn, Calif. Knockdown shelf structure. 2,560,957, July 17.

Johnson, James H., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Electromagnetic actuator. 2,548,894, Apr. 17.

Johnson, James L.: *See*—
Fulkerson, Glenn C., and Johnson.

Johnson, James P., Shaker Heights, Ohio. Rotary pump. 2,537,349, Jan. 9.

Johnson, James P., Shaker Heights, Ohio. Rotary pump. 2,574,921, Nov. 13.

Johnson, James S., and K. L. Bedell, assignors to Holly Manufacturing Company, Pasadena, Calif. Gas furnace. 2,555,546, June 5.

Johnson, James T., and E. Henderson, Birmingham, Ala., assignors to Spivy-Johnson Art and Frame Company. Card tray with sliding information panel. 2,536,645, Jan. 2.

Johnson, Jay F., Superior, Wis. Collapsible window. 2,568,009, Sept. 18.

Johnson, Jay P., Euclid, assignor to The Swartwout Company, Cleveland, Ohio. Ventilator. 2,551,004, May 1.

Johnson, Jay P., Euclid, assignor to The Swartwout Company, Cleveland, Ohio. Ventilator. 2,565,131, Aug. 21.

Johnson, John, Brockton, Mont. Beater cylinder for combines and the like. 2,557,226, June 19.

Johnson, John, deceased, by E. H. Johnson, executrix, Morristown, N. J., assignor to J. E. Johnson, Mount Kemble Lake, Morristown, N. J. Mixing apparatus. 2,578,805, Dec. 18.

Johnson, John, San Jacinto, Calif. Nut and fruit tree shaking device. 2,568,193, Sept. 18.

Johnson, John, Spokane, Wash. Oscillating vane motor with locking means therefor. 2,564,206, Aug. 14.

Johnson, John B., Maplewood, and K. G. McKay, Summit, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron camera tube. 2,544,755, Mar. 13.

Johnson, John C., East Hempstead, and W. H. Johnson, Kings Point, N. Y. Apparatus for assembling linings in receptacle closure caps. 2,537,832, Jan. 9.

Johnson, John C., East Hempstead, and W. H. Johnson, Kings Point, N. Y. Reciprocating feeder for closure caps. 2,553,139, May 15.

Johnson, John C., East Hempstead, N. Y., and W. H. Johnson, Newmanstown, Pa. Frame for supporting juxtaposed endless belt conveyers. 2,569,673, Oct. 2.

Johnson, John E., assignee: *See*—
Johnson, John.

Johnson, John L., Catonsville, and J. R. Boykin, Glen Burnie, Md., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Facsimile system. 2,575,714, Nov. 20.

Johnson, John R.: *See*—
Heyne, Clarence A., and Johnson.

Johnson, John R., Dunn, N. C. Obstetrical device. 2,537,674, Jan. 9.

Johnson, John R., Ithaca, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Tertiary diacyl amine insecticides. 2,545,283, Mar. 13.

Johnson, John S., Wilkinsburg, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Detecting discharges on high-voltage windings. 2,558,091, June 26.

Johnson, John T., assignee: *See*—
Wallin, Horace C.

Johnson & Johnson, assignee: *See*—
Beery, Donald W., Eberl, and Ingram.
Eberl, James J.
Ganz, William.
Guillot, Edgar F.
Litchfield, Rolland G.

Johnson, Joseph, Chicago, Ill. Guard. 2,552,096, May 8.

Johnson, Joseph A., Windsor, Conn. Making nonskid tires. 2,542,871, Feb. 20.

Johnson, Joseph E., Sr., Houston, Tex. Clutch release bearing lubricating device. 2,549,817, Apr. 24.

Johnson, Joseph N., Oakland, Calif. Adjustable fulcrum pliers. 2,558,440, June 26.

Johnson, Joseph P., assignor to Wingfoot Corporation, Akron, Ohio. Coagulation of natural rubber latex. 2,539,911, Jan. 30.

Johnson, Julius E., Jr., Midland, and D. R. Mussell, Clare, assignors to The Dow Chemical Company, Midland, Mich. Cyclohexylidene-diphenol composition for suppression of coccidiosis. 2,538,725, Jan. 16.

Johnson, Julius E., Jr., Midland, and D. R. Mussell, Clare, assignors to The Dow Chemical Company, Midland, Mich. Diphenol compound for coccidiosis control. 2,542,688, Feb. 20.

Johnson, Julius E., Jr., Midland, and D. R. Mussell, Clare, assignors to The Dow Chemical Company, Midland, Mich. Fumigant composition of activated silica gel and dihalo-alkene. 2,547,822, Apr. 3.

Johnson, Karl G., assignor to Telefonaktiebolaget L M Ericsson, Stockholm, Sweden. Telephone system test circuits extending over two selection stages. 2,566,063, Aug. 28.

Johnson, Karl R., assignor to A. F. Wintercorn, Rockford, Ill. Roll-rug display unit. 2,561,376, July 24.

Johnson, Kenneth C., Claymont, Del., assignor to the United States of America as represented by the United States Atomic Energy Commission. Separation of fluorinated hydrocarbons by distillation with hydrogen fluoride. 2,549,609, Apr. 17.

Johnson, Kenneth W., Bethany, assignor of one-half to A. G. Johnson, South Britain, Conn. Parachute release mechanism. 2,555,341, June 5.

Johnson, Kenneth W., Dayton, Ohio. Vibration isolator. 2,539,431, Jan. 30.

Johnson, Kurt T., assignor to J. P. Seeburg Corporation, Chicago, Ill. Trip for automatic phonographs. 2,545,360, Mar. 13.

Johnson, Lauren L., Westchester, Ill., assignor to General Motors Corporation, Detroit, Mich. Generating electric traction and control system. 2,551,438, May 1.

Johnson, Lawrence, Freeport, N. Y. Propeller. 2,578,806, Dec. 18.

Johnson, Lawrence E., Jr., Hinsdale, Ill. Slatted belt conveyer. 2,540,266, Feb. 6.

Johnson, Lee D., Almont, Mich. Portable pallet mounting structure. 2,572,348, Oct. 23.

Johnson, Leo H.: *See*—
McCann, William F., and Johnson.

Johnson, Leon D., Sellersville, Pa., assignor to American Machine and Metals, Inc., New York, N. Y. Pressure gauge. 2,561,204, July 17.
Johnson, Leonard E., Wheat Ridge, Colo. Stress-relieving articulation for prosthetic dentures. 2,546,397, Mar. 27.
Johnson, Leonard R. J.: *See*—
Elbourn, Roland W., and Johnson.
Johnson, Leonard R. J., Harlington, D. G. Holloway, Maidenhead, and E. L. C. White, Iver, assignors to Electric & Musical Industries Limited, Hayes, England. Negative feedback amplifier. 2,547,213, Apr. 3.
Johnson, Lincoln: *See*—
Jorgensen, Ernest E., and Johnson.
Johnson, Lloyd E., Peoria, Ill., assignor to Caterpillar Tractor Co., San Leandro, Calif. Fuel injection pump mechanism. 2,545,664, Mar. 20.
Johnson, Lloyd E., Peoria, Ill., assignor to Caterpillar Tractor Co., San Leandro, Calif. Tractor cable control unit. 2,558,254, June 26.
Johnson, Lloyd E., Peoria, Ill., assignor to Caterpillar Tractor Co., San Leandro, Calif. Fuel injection mechanism. 2,560,799, July 17.
Johnson, Lloyd E., Peoria, Ill., assignor to Caterpillar Tractor Co., San Leandro, Calif. Vapor separator. 2,570,557, Oct. 9.
Johnson, Lloyd F., assignee: *See*—
Mauch, Fred A.
Johnson, Loren G., Ventura, Calif. Forming box. 2,543,912, Mar. 6.
Johnson, Louis M.: *See*—
Strimple, John A., and Johnson.
Johnson, Louis W., Eugene, Oreg. Mechanical vibrating screen. 2,579,002, Dec. 18.
Johnson, Lyle: *See*—
Dustin, Jack G., and Johnson.
Johnson, M. R., assignee: *See*—
Clark, Earl M.
Johnson, Malcolm: *See*—
Parsegian, Vozcan L., and Johnson.
Johnson, Malcolm S.: *See*—
Smith, Edward P., and Johnson.
Johnson, Malcolm S., assignor to Illinois Railway Equipment Company, Chicago, Ill. Brake slack adjuster. 2,546,753, Mar. 27.
Johnson, Malcolm S., and G. F. Oakley, assignors to Central Railway Supply Company, Chicago, Ill. Pipe anchor. 2,561,121, July 17.
Johnson-March Corporation, The, assignee: *See*—
Mau, George A.
Johnson, Marcus E., Amidon, N. Dak. Violin holder and harness. 2,576,018, Nov. 20.
Johnson, Matthey & Company Limited, assignee: *See*—
Kerridge, Frank E.
Tucker, Norman A.
Johnson, Maude F., New York, N. Y. Double piepan. 2,570,060, Oct. 2.
Johnson, Montgomery H., Boston, Mass., assignor to The Sperry Corporation. Gyroscopic instrument. 2,546,158, Mar. 27.
Johnson, Millard L., Larchmont, Pa. Automatic gear control mechanism. 2,558,180, June 26.
Johnson, Norman E., Milwaukee, and S. J. Welch, assignors to Johnson & Welch Mfg. Co., Inc., West Allis, Wis. Remote-controlled and fed bottle smasher. 2,558,255, June 26.
Johnson, Norton T., and K. B. Allen, Browns Valley, Minn. Template for marking switch and outlet box openings. 2,540,032, Jan. 30.
Johnson, Oliver: *See*—
Newton, Amos S., and Johnson.
Johnson, Orvin S., Manhattan Beach, and F. T. Roberts, Los Angeles, assignors to Northrop Aircraft, Inc., Hawthorne, Calif. Hydraulically operated mechanical knee lock. 2,537,351, Jan. 9.
Johnson, Oscar A., assignor to Riley Stoker Corporation, Worcester, Mass. Water-cooled furnace wall. 2,575,628, Nov. 20.
Johnson, Oscar G.: *See*—
Powell, Ellis G., Johnson, and Olson.
Johnson, Oscar H., Medina, N. Y., assignor to Food Machinery and Chemical Corporation, San Jose, Calif. Preparation of thiophosphoryl chloride. 2,547,012, Apr. 3.
Johnson, Otto V., Gardner, Mass. Angularly adjustable beach seat. 2,571,139, Oct. 16.
Johnson, Parker L., Hazard, Ky. Mining machine cutter bit. 2,547,325, Apr. 3.
Johnson, Paul W., Bloomfield, Conn. Gauge of pivoted gauge member type with end indicator. 2,559,771, July 10.
Johnson Power-On Transmission Corporation of Illinois, assignee: *See*—
Johnson, Albert L.
Johnson Products, Inc., assignee: *See*—
Johnson, Charles E.
Johnson, Ralph E., Lancaster, Pa., assignor to Radio Corporation of America. Electron gun structure. 2,540,621, Feb. 6.
Johnson, Ralph E., Rahway, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Sewing machine work-holding attachment for darning and embroidering. 2,580,101, Dec. 25.
Johnson, Ray D., St. Louis Park, Minn., assignor to The B. F. Goodrich Company, New York, N. Y. Surface finishing thermoplastic materials. 2,551,005, May 1.
Johnson, Raymond P., New Baltimore, N. Y., assignor to Socony-Vacuum Oil Company, Incorporated. Consecutive-reading gauging device. 2,561,662, July 24.
Johnson, Reynold B., Binghamton, assignor to International Business Machines Corporation, New York, N. Y. Printing and punching device. 2,554,707, May 29.
Johnson, Reynold B., Binghamton, assignor to International Business Machines Corporation, New York, N. Y. Impact marking device. 2,558,616, June 26.
Johnson, Reynold B., Binghamton, assignor to International Business Machines Corporation, New York, N. Y. Record controlled accumulating mechanism. 2,558,961, July 3.
Johnson, Reynold B., Binghamton, assignor to International Business Machines Corporation, New York, N. Y. Mark tester. 2,559,627, July 10.
Johnson, Reynold B., Binghamton, assignor to International Business Machines Corporation, New York, N. Y. Selective type setting and restoring means. 2,562,554, July 31.
Johnson, Reynold B., and E. F. Geiger, Binghamton, assignors to International Business Machines Corporation, New York, N. Y. Secondary clock synchronizing mechanism. 2,566,940, Sept. 4.
Johnson, Richard M.: *See*—
Barnes, George W., Jr., Johnson, and Wills.
Johnson, Robert, Verona, assignor to Koppers Company, Inc., Pittsburgh, Pa. Production of tetrahydronaphthalene peroxide. 2,568,639, Sept. 18.
Johnson, Robert C.: *See*—
Taylor, Robert J., and Johnson.
Johnson, Robert C., Akron, and S. B. Bauman, Copley, Ohio, assignors to Minnesota Mining & Manufacturing Compay, St. Paul, Minn. Iron oxide manufacture. 2,541,068, Feb. 13.
Johnson, Robert C., deceased, Minneapolis, and C. G. Westerberg, Edina, Minn.; H. W. Johnson, executor of said R. C. Johnson. Resistance element and preparing same. 2,559,077, July 3.
Johnson, Robert E., Chicago, Ill. Wire dispenser. 2,536,939, Jan. 2.
Johnson, Robert F., Bedford, Va. Combination necktie and pocket handkerchief. 2,578,807, Dec. 18.
Johnson, Robert H., Boston, Mass. Artificial ski chute. 2,558,759, July 3.
Johnson, Robert H., Schenectady, N. Y., assignor to General Electric Company. Supersonic wind tunnel. 2,570,129, Oct. 2.
Johnson, Robert H., Schenectady, N. Y., assignor to General Electric Company. Supersonic wind tunnel. 2,580,228, Dec. 25.
Johnson, Robert S., Plymouth, Mass. Cranberry washer, 2,558,138, June 26.
Johnson, Robert W., Chicago, Ill. Buckle. 2,569,933, Oct. 2.
Johnson, Roy E., Minneapolis, Minn. Wheel elevating attachment for vehicle hoists. 2,552,974, May 15.
Johnson, Roy W., Milwaukee, Wis. Fuel flow control device. 2,552,632, May 15.
Johnson, Roy W., Milwaukee, Wis. Liquid fuel supply device. 2,552,633, May 15.
Johnson, Roy W., and L. V. McCarty, Milwaukee, Wis., assignors to A P Controls Corporation. Pump. 2,548,799, Apr. 10.
Johnson, Rudolph W., assignor to Boyd Coffee Company, Portland, Oreg. Coffee brewing apparatus. 2,565,235, Aug. 21.
Johnson, Russell S., and D. O. Jensen, Fond du Lac, Wis. Windshield wiper. 2,536,940, Jan. 2.
Johnson, S. C., Inc., assignee: *See*—
Kersh, Ralph C.
Johnson, S. C., & Son, Inc., assignee: *See*—
Brown, Robert J.
Buckman, Alfred F., Jr.
Budner, Anton E., Buckman, and Rendall.
Hill, Joseph R.
Petersen, Peter M.
Rood, Clifford T.
Steibel, James P.
Swenson, Oscar J.
Westrich, Henry A.
Johnson, Scott R., and R. M. Mero, Chicago, Ill., assignors to Continental Can Company, Inc., New York, N. Y. Can end coating machine. 2,573,338, Oct. 30.
Johnson, Scott R., River Forest, Ill., assignor to Continental Can Company, Inc., New York, N. Y. Gauging mechanism for scroll shear machines. 2,576,792, Nov. 27.
Johnson Service Company, assignee: *See*—
Alyea, Harold W.
Buske, Gilbert E.
Hilgert, Adolph J.
Scharpf, Otto.
Wolf, James M.
Johnson Service Company, The, assignee: *See*—
Hadley, Harold F.
Johnson, Sheldon K., Van Nuys, Calif. Calculating machine. 2,578,705, Dec. 18.
Johnson, Stanley A., New York, assignor to Polytechnic Institute of Brooklyn, Brooklyn, N. Y. Variable attenuator with linear drive. 2,578,249, Dec. 11.

Johnson, Stanley G., West Hartford, Conn. Multiple section frame gauge. 2,557,293, June 19.
Johnson, Stanley H.: *See*—
Hackett, John C., and Johnson.
Johnson, Stanley J.: *See*—
Bicknell, John A., and Johnson.
Johnson, Stefan, assignee: *See*—
Allgeo, Fred J.
Johnson Steel & Wire Company, Inc., assignee: *See*—
Clary, Frank A., Jr., and Willis.
Johnson, Steve, Concord, Calif. Adjustable leg ladder. 2,548,311, Apr. 10.
Johnson, Theodore F., assignor to The American Laundry Machinery Company, Cincinnati, Ohio. Sequence timer. 2,543,241, Feb. 27.
Johnson, Thomas E., Freeport, Ill., assignor to The Illium Corporation. Centrifugal casting machine. 2,550,642, Apr. 24.
Johnson, Thomas H., Elmhurst, N. Y., and W. L. Thompson, Jr., Fairfield, Conn., assignors to American Viscose Corporation, Wilmington, Del. Method and apparatus for producing twisted yarn-like structures. 2,552,680, May 15.
Johnson, Tomlinson F., Atlanta, Ga. Arc extinguishing attachment for airbreak switches. 2,572,625, Oct. 23.
Johnson, Virgil N., Borup, Minn. Full-view cab for tractors and road machines. 2,563,845, Aug. 14.
Johnson, Wade C.: *See*—
Ward, John S., Johnson, Trishman, and Stratton.
Johnson, Wallace D., assignor to Yates-American Machine Company, Beloit, Wis. Cutterhead. 2,540,530, Feb. 6.
Johnson, Wallace J. S., assignor to Up-Right, Inc., Berkeley, Calif. Swivel coupling. 2,575,917, Nov. 20.
Johnson, Walter C., Princeton, N. J., and W. D. Stevenson, Jr., Raleigh, N. C., assignors to the United States of America as represented by the Secretary of the Navy. Limiter circuit for telemetering systems. 2,546,307, Mar. 27.
Johnson, Walter H.: *See*—
Johnson, John C. and W. H.
Johnson, Walter S.: *See*—
Wilcox, Granville M., and Johnson.
Johnson, Warren H., Everett, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Socket and hose assembly. 2,552,791, May 15.
Johnson, Waverly V., Champaign, Ill. Turbine type internal-combustion engine. 2,551,006, May 1.
Johnson, Wayne R., assignor to E. C. Anthony, Inc., Los Angeles, Calif. Switching system. 2,577,015, Dec. 4.
Johnson & Welch Mfg. Co., Inc., assignee: *See*—
Johnson, Norman E., and Welch.
Johnson, Wilbur E.: *See*—
Wiggins, Glenn C., and Johnson.
Johnson, William B.: *See*—
Jewell, Joseph W., and Johnson.
Johnson, William B., Easley, S. C. Transplanting digger. 2,549,476, Apr. 17.
Johnson, William B., Far Hills, assignor to The M. W. Kellogg Company, Jersey City, N. J. Synthesis of organic compounds. 2,579,828, Dec. 25.
Johnson, William C., East Providence, R. I. Expansible band. 2,567,019, Sept. 4.
Johnson, William C., Wauwatosa, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Segmental blading. 2,579,583, Dec. 25.
Johnson, William G., Milwaukee, Wis. Draft control. 2,570,558, Oct. 9.
Johnson, William J., and L. H. Buckner, Darwin, Calif. Potato cleaning and separating device. 2,578,808, Dec. 18.
Johnson, William L., Lumberton, N. C. Liquid fuel burning tobacco curing furnace. 2,561,799, July 24.
Johnson, William S., Madison, Wis., and R. P. Graber, Minneapolis, Minn. Intermediates and process useful in the production of bis-dehydrodoisynolic acid. 2,574,396, Nov. 6.
Johnson, Wilmar S., Winnipeg, Manitoba, Canada. Flue cleaning brush with resilient radial scraping bristles. 2,536,185, Jan. 2.
Johnston, Arthur J., assignor to American Totalisator Company, Inc., Baltimore, Md. Totalizator system. 2,563,041, Aug. 7.
Johnston, Blaine, Pasadena, R. B. Luirette, Montebello, and G. W. Sinclair, Los Angeles, assignors to M. O. Johnston, Glendale, Calif. Cylinder assembly with movable liner. 2,565,730, Aug. 28.
Johnston, Carey W., Leonia, N. J. Protective footwear with elastic closure band. 2,540,531, Feb. 6.
Johnston, Charles F., Oakland, Calif. Piston expander. 2,578,555, Dec. 11.
Johnston, Clair R., Akron, Ohio. Apparatus for digging potatoes and the like. 2,577,525, Dec. 4.
Johnston, Clair R., Akron, Ohio. Harvester for potatoes and the like. 2,578,189, Dec. 11.
Johnston, Clark V. and I. M., Backus, Minn. Machine for measuring and dispensing granular material. 2,573,711, Nov. 6.
Johnston, Edgar C., assignee: *See*—
Johnston, James L.
Johnston, Edward W., assignee: *See*—
Johnston, Edward W.
Johnston, Edward W., assignor to F. Klinger and E. W. Johnston, co-partners doing business as Jay Tool & Mfg. Co., Milwaukee, Wis. Locking mechanism of spring projected latching bolt type. 2,558,361, June 26.
Johnston, Elmer O., Oreana, Idaho. Airplane ground lock. 2,577,330, Dec. 4.
Johnston, Greenhow, Richmond, Va. Safety equipment for jails, banks, and the like. 2,578,556, Dec. 11.
Johnston, Hardee, Jr., and A. Smith, Sanford, Fla. Vehicle dolly. 2,554,365, May 22.
Johnston, Henry E.: *See*—
Voegtlin, Elmo N., O'Neal, and Johnston.
Johnston, Howard M., assignor to Massey-Harris Co. Ltd., Toronto, Ontario, Canada. Disk tiller. 2,554,741, May 29.
Johnston, Hugh McB., Ghent, N. Y. Gloves. 2,538,837, Jan. 23.
Johnston, Irene M.: *See*—
Johnston, Clark V. and I. M.
Johnston, J. Ford, Hampton, Va., assignor of one-half to J. R. Anthony, Jr., Takoma Park, Md. Silencer with toroidal expansion chambers. 2,554,032, May 22.
Johnston, James L., Longview, Tex. Combination safety joint, bumper sub, and equalizing valve. 2,538,690, Jan. 16.
Johnston, James L., assignor of one-half to E. C. Johnston, Longview, Tex. Disk perforator for pipes in wells. 2,565,731, Aug. 28.
Johnston, Jared C., and G. P. Schmitt, New York, N. Y. Back exercising and massaging device. 2,577,129, Dec. 4.
Johnston, Lawrence H.: *See*—
Alvarez, Luis W., and Johnston.
Johnston, Lawrence H., Rural, N. Mex., assignor, by mesne assignments, to the United States of America as represented by the Secretary of War. Electrical marker generator circuit. 2,576,346, Nov. 27.
Johnston, Le Roy J.: *See*—
Huntoon, Maurice, and Johnston.
Johnston, Lillian S., Chicago, Ill. Window ventilator for warming incoming air. 2,561,928, July 24.
Johnston, Loyal L., Zelienople, assignor to Herman Pneumatic Machine Company, Pittsburgh, Pa. Forming cast hollow articles. 2,559,161, July 3.
Johnston, Loyal L., Zelienople, assignor to Herman Pneumatic Machine Company, Pittsburgh, Pa. Processing of cast elongated articles. 2,563,843, Aug. 14.
Johnston, Loyal L., Zelienople, assignor to Herman Pneumatic Machine Company, Pittsburgh, Pa. Apparatus for processing cast elongated articles. 2,563,844, Aug. 14.
Johnston, M. O., assignee: *See*—
Johnston, Blaine, Luirette, and Sinclair.
Sinclair, George W.
Johnston, Norman F., East Norwalk, Conn., assignor to R. T. Vanderbilt Co., Inc., New York, N. Y. Cake-making. 2,569,527, Oct. 2.
Johnston, Robert C., and C. E. Cutshall, Jr., Springfield, Ohio. Expansible device for tapping or reaming holes. 2,556,372, June 12.
Johnston, Robert W., Dayton, Ohio. Light for indicating wave patterns. 2,556,586, June 12.
Johnston, Samuel A.: *See*—
Brown, Morris E., Wickham, Sterenberg, and Johnston.
Wickham, Parker B., and Johnston.
Johnston, William A., Mansfield, Ohio, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Clothes-washing machine with suds control device. 2,538,200, Jan. 16.
Johnston, William A., Mansfield, Ohio, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Tumbling apparatus. 2,552,855, May 15.
Johnston, William A., Mansfield, Ohio, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Clothes weighing door for washing machines. 2,554,672, May 29.
Johnston, William M., Hazelhurst, Ga. Slidable jaw wrench. 2,555,342, June 5.
Johnstone, Alexander P., Frimley, and H. Cohen, Farnborough, assignors to Power Jets (Research & Development) Limited, London, England. Variable area propelling nozzle. 2,565,854, Aug. 28.
Johnstone, Charles W., Los Alamos, N. Mex., assignor to the United States of America as represented by the United States Atomic Energy Commission. Fast impulse circuits. 2,545,924, Mar. 20.
Johnstone, Edwin P., Jr.: *See*—
Cresswell, Arthur, and Johnstone.
Johnstone, Robert McC., Bondsville, Pa. Laterally separating and spacing a plurality of traveling strips. 2,570,061, Oct. 2.
Johnstone, Warren W.: *See*—
Brown, Kenneth M., and Johnstone.
Johnstone, Warren W., Riverside, assignor to Universal Oil Products Company, Chicago, Ill. Polymerization with tetraborohypophosphoric acid catalyst. 2,559,576, July 3.
Joho, Olga, Basel, Switzerland. Opposed cylinder air compressor. 2,579,927, Dec. 25.
Joiner, Sylvester L., Sweetwater, Tex. Handle for air brake release valves. 2,566,209, Aug. 28.
Jokubonis, John: *See*—
Cook, Bates C., and Jokubonis.

Jolie, Robert A., Marlboro, assignor to F. J. Kirk Molding Co., Inc., Clinton, Mass. Dispensing package for razor blades. 2,574,568, Nov. 13.
Jolly, Oscar W., West Springfield, assignor to Springfield Photo Mount Co., Holyoke, Mass. Book marker. 2,557,190, June 19.
Jonas, Gilbert F., assignor to Boyd-Welsh, Inc., St. Louis, Mo. Initially soft stiffenable material. 2,569,764, Oct. 2.
Jonas, Heinz, and W. Thraum, assignors to Farbenfabriken Bayer, Leverkusen, Germany. Production of phosphorus sulfochloride. 2,575,316, Nov. 13.
Jonas, Heinz, and W. Thraum, assignors to Farbenfabriken Bayer, Leverkusen, Germany. Production of phosphorus sulfochloride. 2,575,317, Nov. 13.
Jonas & Naumburg Corporation, assignee: *See*— Harvey, Adelbert W., and Deardorff.
Joncas, Phillip A., Hollywood, Calif. Swing. 2,548,375, Apr. 10.
Jones, Albern B., Alhambra, Calif. Pipe laying device. 2,538,365, Jan. 16.
Jones, Albert W., Sr., Okmulgee, Okla. Rocker arm grinding device. 2,566,893, Sept. 4.
Jones, Alfred L.: *See*— Huber, William R., and Jones.
Jones, Alice E., Tulsa, Okla. Card sustaining book leaf. 2,560,725, July 17.
Jones, Alonzo C., assignor to Canadian Westinghouse Company, Limited, Hamilton, Ontario, Canada. Filament coil feeder. 2,571,579, Oct. 16.
Jones, Andy, E. J. Kessels, and F. A. Ruggles, assignors to Engineered Products, Inc., Denver, Colo. Sandblast gun. 2,577,465, Dec. 4.
Jones, Arthur L., Cleveland, and E. C. Hughes, Cleveland Heights, assignors to The Standard Oil Company, Cleveland, Ohio. Liquid thermal diffusion apparatus. 2,541,069, Feb. 13.
Jones, Arthur L., Cleveland, and E. C. Hughes, Cleveland Heights, assignors to The Standard Oil Company, Cleveland, Ohio. Separating dissimilar components in petroleum products by liquid thermal diffusion. 2,541,070, Feb. 13.
Jones, Arthur L., Cleveland, and E. C. Hughes, Cleveland Heights, assignors to The Standard Oil Company, Cleveland, Ohio. Continuous method for separating materials by liquid thermal diffusion. 2,541,071, Feb. 13.
Jones, Arthur N., Morris, Okla. Ball housing. 2,578,069, Dec. 11.
Jones, Barry N., Pasadena, Calif. Palm tree trimming machine. 2,541,767, Feb. 13.
Jones, Benjamin T., Miami Beach, assignor to Aeromar, Inc., Miami, Fla. Electric cigarette lighter. 2,554,742, May 29.
Jones, Benjamin T., Miami Beach, assignor to Aeromar, Inc., Miami, Fla. Electrical cigar or cigarette lighter. 2,554,743, May 29.
Jones, Benjamin T., assignor to Aeromar, Inc., Miami, Fla. Electrical cigar or cigarette lighter. 2,558,441, June 26.
Jones, Benjamin W., Schenectady, N. Y., assignor to General Electric Company. Control system. 2,569,317, Sept. 25.
Jones, Benjamin W., and L. T. Rader, Schenectady, N. Y., assignors to General Electric Company. Magnetic drive. 2,536,813 Jan. 2.
Jones, Burr W., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Gun telescope mounting. 2,576,347, Nov. 27.
Jones, Burton E., assignee: *See*— Isom, Harley C.
Jones, Charles E., assignor to Rockwell Barnes Company, Chicago, Ill. Filing cabinet handle. 2,541,585, Feb. 13.
Jones, Charles L., New York, N. Y., assignor to International Carbonic Engineering Company, Wilmington, Del. Composite solid carbon dioxide. 2,550,196, Apr. 24.
Jones, Charles L., Beaver, and J. Sandin, Pittsburgh, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Reverse current trip circuit breaker. 2,561,985, July 24.
Jones, Charles Y., Carlisle, Pa. T belt. 2,566,768, Sept. 4.
Jones, Clarence F., Denver, Colo. Stepladder. 2,573,665, Oct. 30.
Jones, Clement E., Boston, Mass. Fruit and vegetable juicer. 2,551,886, May 8.
Jones, Clevoe D., Royal Oak, assignor to Michigan Steel Tube Products Company, Detroit, Mich. Welding machine. 2,545,284, Mar. 13.
Jones, David G.: *See*— Bremner, John G. M., Jones, and Coats.
Jones, David D., Westport, Conn., assignor to Western Electric Company, Incorporated, New York, N. Y. Condenser. 2,564,784, Aug. 21.
Jones, David M.: *See*— Wallingford, Vernon H., and Jones.
Jones, Douglas E., Tarrow, C. E. Ransley, Sudbury, and J. W. Ryde, London, England, and S. V. Williams, deceased, Kenton, England, by F. M. Williams, executrix, Kenton, England, assignors, by mesne assignments, to Hazeltine Research, Inc., Chicago, Ill. Crystal contacts of which one element is mainly silicon. 2,569,892, Oct. 2.
Jones, Dwight E., assignor to E. D. Jones & Sons Company, Pittsfied, Mass. Continuously operating pulper. 2,567,885, Sept. 11.
Jones, Dwight W., Jackson, Ohio. Tablet counter. 2,553,095, May 15.
Jones, E. D., & Sons Company, assignee: *See*— Jones, Dwight E.
Jones, Edward M., assignor to The Baldwin Company, Cincinnati, Ohio. Interlocked generator circuit. 2,555,038, May 29.
Jones, Edward M., assignor to The Baldwin Company, Cincinnati, Ohio. Generator for electric pulsations of audio-frequency. 2,558,653, June 26.
Jones, Edward M., assignor to The Baldwin Company, Cincinnati, Ohio. System for preventing transients in photoelectric musical instruments. 2,576,758, Nov. 27.
Jones, Edward M., assignor to The Baldwin Company, Cincinnati, Ohio. Producing tunes and voices photoelectrically. 2,576,759, Nov. 27.
Jones, Edward M., and G. F. Williamson, assignors to The Baldwin Company, Cincinnati, Ohio. System for the production and use of electric oscillations for control purposes. 2,576,760, Nov. 27.
Jones, Edwin A., Topeka, Kans. Crop handling implement. 2,554,195, May 22.
Jones, Edwin A., Webster Groves, and R. E. Gardiner, University City, assignors to Majestic Manufacturing Company, St. Louis, Mo. Range construction. 2,536,688, Jan. 2.
Jones, Eric W., and O. A. Pearce, assignors to Automatic Telephone & Electric Company Limited, Liverpool, England. Automatic switch. 2,578,071, Dec. 11.
Jones, Ernest R.: *See*— Bogin, Herman H., and Jones.
Jones, Ernest R., assignor of fifty per cent to S. E. Giem, and fifty percent to H. Weatherford, Jr., Memphis, Tenn. Fastening means. 2,536,941, Jan. 2.
Jones, Ethel C., Chicago, Ill. Refreshment plate. 2,561,022, July 17.
Jones, Eugene R., Glassboro, N. J. Dump truck scraper. 2,570,244, Oct. 9.
Jones, Evan: *See*— Dube, John E., and Jones.
Jones, Eynon, Portland, assignor of one-third to E. A. Everhart, Molalla, Oreg. Bottle holder. 2,575,056, Nov. 13.
Jones, Francis T.: *See*— Young, Frank E., and Jones.
Jones, Frank, McPherson, Kans. Masthead. 2,551,007, May 1.
Jones, Frank D.: *See*— Hill, George B., and Jones.
Jones, Frank D., T. O. Welindt, L. C. Garrett, and G. B. Hill, Ottumwa, Iowa, assignors to Deere Manufacturing Co. Container. 2,554,531, May 29.
Jones, Frank D., and W. E. Slavens, Des Moines, and D. L. Woolsoncroft, Ankeny, assignors to Deere Manufacturing Co., Dubuque, Iowa. Controlled caster wheel for agricultural implements. 2,560,726, July 17.
Jones, Frank W., assignee: *See*— Talbot, David B.
Jones, Franklin D., Llanerch, Upper Darby, assignor to American Chemical Paint Company, Ambler, Pa. Compositions for killing weeds. 2,577,969, Dec. 11.
Jones, Fred A. B., Coral Gables, Fla. Cigarette lighter with revolving gas tank. 2,554,366, May 22.
Jones, Frederick C., Moncton, New Brunswick, Canada. Truss. 2,536,502, Jan. 2.
Jones, George F., assignor to Imperial Paper and Color Corporation, Glens Falls, N. Y. Stable, water soluble, cationic melamine formaldehyde resins. 2,577,767, Dec. 11.
Jones, George M., Salt Lake City, Utah. Cooking vessel. 2,538,566, Jan. 16.
Jones, George M., Salt Lake City, Utah. Vessel for pressure cooking. 2,538,567, Jan. 16.
Jones, George S.: *See*— Egan, John F., and Jones.
Jones, Giffin D., Easton, Pa., assignor to General Aniline & Film Corporation, New York, N. Y. Polyvinyl alcohol-1-butene-1,3-dione reaction product and producing the same. 2,536,980, Jan. 2.
Jones, Giffin D., Easton, Pa., assignor to General Aniline & Film Corporation, New York, N. Y. Polymeric thermoreversible gels. 2,555,646, June 5.
Jones, Giffin D., Easton, Pa., assignor to General Aniline & Film Corporation, New York, N. Y. Acetoacetic amides of β, γ-ethylenically unsaturated amines. 2,561,205, July 17.
Jones, Giffin D., Easton, Pa., assignor to General Aniline & Film Corporation, New York, N. Y. Polymerization of alkylolamides of the acrylic acid series. 2,576,839, Nov. 27.
Jones Graphic Products Company, assignee: *See*— Brown, Clarence A.
Jones, Griffith G.: *See*— Jackson, Harry, and Jones.
Jones, Hancil B.: *See*— Teeter, Robert L., and Jones.
Jones, Harmon P., Seattle, Wash. Corn popper. 2,565,967, Aug. 28.
Jones, Harry, Rochdale, and J. K. Aiken, Sale, assignors to The Geigy Company Limited, Manchester, England. Production of ureido derivatives. 2,543,291, Feb. 27.
Jones, Harry, Rochdale, and C. Musgrave, assignors to The Geigy Company Limited, Manchester, England. Coloration of polyvinyl plastics. 2,548,376, Apr. 10.

Jones, Harry, Rochdale, and J. K. Aiken, Sale, assignors to The Geigy Company Limited, Manchester, England. Condensation products of ureides and formaldehyde. 2,574,040, Nov. 6.

Jones, Harry C., Magnolia, Ark. Railway switch. 2,551,951, May 8.

Jones, Harvey K., Parkville, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Door control system. 2,559,301, July 3.

Jones, Henry C., Sparrows Point, Md., assignor to Patapsco and Back Rivers Railroad Company. Wheel grinder. 2,578,250, Dec. 11.

Jones, Herbert S., Miami, Fla., assignor to J. B. Fried, Elmhurst, N. Y. Storm shutter. 2,568,195, Sept. 18.

Jones, Herbert W.: *See*—
Peters, John F., and Jones.

Jones, Hilbert A., San Diego, Calif. Taxi dispatch board. 2,536,290, Jan. 2.

Jones, Insley P., Oldwick, N. J., assignor to Standard Oil Development Company. Improving lubricating oil by adsorption on silica gel. 2,572,866, Oct. 30.

Jones, Ira M., assignee: *See*—
Brooks, Lewis C.

Joseph, Irwin S., assignor to Brrr, Inc., New York, N. Y. Thermally insulated container. 2,538,524, Jan. 16.

Jones, Jack, Eden, Tex. Axially shifting type multiple cylinder operated tire removing machine. 2,571,249, Oct. 16.

Jones, James E., Oklahoma City, Okla. Marble game board. 2,574,569, Nov. 13.

Jones, James L., Jr., West Point, Miss., assignor to Hercules Powder Company, Wilmington, Del. Extractor with discharge mechanism. 2,574,106, Nov. 6.

Jones, James R., Lakewood, and F. H. Bloomstran, assignors to Art Metal Construction Company, Jamestown, N. Y. Covered top with edge binder for furniture. 2,562,360, July 31.

Jones, James W., and P. V. Maney, assignors to the State of Iowa, for the use and benefit of the State University of Iowa, Iowa City, Iowa. Dihydroxypropyl theophylline. 2,575,344, Nov. 20.

Jones, Jean P., Bartlesville, Okla., assignor to Phillips Petroleum Company. Polymerization of vinylcyclopropane and its homologues and derivatives. 2,540,949, Feb. 6.

Jones, Jean P., Bartlesville, Okla., assignor to Phillips Petroleum Company. Polymerization of vinylcyclopropane. 2,540,950, Feb. 6.

Jones, Jean P., and W. N. Axe, Bartlesville, Okla., assignors to Phillips Petroleum Company. Reaction of diolefin polymers with hydrogen and carbon monoxide. 2,544,555, Mar. 6.

Jones, Jefferson L., Cambridge, Mass. Dishwashing machine. 2,539,432, Jan. 30.

Jones, Jesse E., Wauwatosa, and J. B. Reeves, Whitefish Bay, assignors to Cutler-Hammer, Inc., Milwaukee, Wis. Speed control for electric motors. 2,571,454, Oct. 16.

Jones, Joe A., Falls Church, Va., assignor of one-third to R. B. Larson, Washington, D. C. Tuning control for television sets. 2,550,483, Apr. 24.

Jones, John L., Kenmore, Wash. Vertically undulating track roundabout. 2,541,586, Feb. 13.

Jones, John L., Los Angeles, Calif. Vaginal applicator. 2,546,754, Mar. 27.

Jones, Joseph H., Canton, assignor to Republic Steel Corporation, Cleveland, Ohio. Charging tongs for lift trucks. 2,578,070, Dec. 11.

Jones, Judson C., assignor of one-third to L. R. Samer, and one-third to T. M. Samer, Joplin, Mo. Oil well reamer. 2,548,724, Apr. 10.

Jones, Kendall, assignor to Gilfillan Bros., Inc., Los Angeles, Calif. Antiparallax mapping device. 2,546,510, Mar. 27.

Jones, Kenneth G.: *See*—
Holloway, John H., and Jones.

Jones & Lamson Machine Company, assignee: *See*—
Beardsley, Robert O.
Cormier, Gerard A.
Flanders, Ernest V., and Drury.
Fuller, Leon B.
Gamble, Ralph M.
Murch, Harold L., Fuller, and Beardsley.
Tancred, William L.

Jones & Laughlin Steel Corporation, assignee: *See*—
Bohlander, Paul T.
Speer, John R.
Stanton, Robert L.
Work, Harold K., and Webster.

Jones, Leo D., Philadelphia, Pa., assignor to The Sharples Corporation. Fluid conduit connections to centrifugal machines. 2,554,622, May 29.

Jones, Le Roy V., assignor to The Dow Chemical Company, Midland, Mich. Making crinkled fibers. 2,543,027, Feb. 27.

Jones, Lester L., Oradell, assignor to Conmar Products Corporation, Newark, N. J. Automatic lock slider for slide fasteners. 2,554,252, May 22.

Jones, Lewis, deceased, late of Upwey, Weymouth, England, by W. T. Wilkinson, executor, Wimbledon, assignor to Vickers-Armstrongs Limited, London, England. Torpedo depth control gear. 2,571,722, Oct. 16.

Jones, Livingston E., Philadelphia, Pa. Mounting for rearview mirror reflectors. 2,579,148, Dec. 18.

Jones, Llewellyn, Bloomington, Ill. Flue pipe section with check draft damper. 2,545,148, Mar. 13.

Jones, Lloyd E., assignor to Graham Transmissions, Inc., Milwaukee, Wis. Transmission. 2,564,160, Aug. 14.

Jones, Loren F., Germantown, Pa., assignor to Radio Corporation of America. Volumetric fluid measuring. 2,576,512, Nov. 27.

Jones, Lucille P. and R. W., Flint, Mich. Gas tank lock. 2,572,730, Oct. 23.

Jones, Lyman L., Seattle, Wash, assignor to American Can Company, New York, N. Y. Conveyer mechanism for bulk loading containers. 2,561,377, July 24.

Jones & Malyon Limited, assignee: *See*—
Danielius, Edgaras.

Jones, Mary E. F., Teaneck, N. J. Car crib. 2,564,480, Aug. 14.

Jones, Maurice F.: *See*—
Ferris, Ralph E., and Jones.

Jones, Maurice F. and R. C., Pittsburgh, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Contact device. 2,547,214, Apr. 3.

Jones, Meredith R., Port Orchard, Wash. Mobile collapsible living unit. 2,567,516, Sept. 11.

Jones, Mildred A., administratrix: *See*—
Jones, Webster, and Heslin.

Jones, Minor C. K.: *See*—
Brandon, Richard C., and Jones.

Jones, Minor C. K., Mountainside, N. J., assignor to Standard Oil Development Company. Refining of cracked naphthas by selective hydrogenation. 2,542,970, Feb. 27.

Jones, Minor C. K., Mountainside, and E. C. Eulhardt, Union, N. J., assignors to Standard Oil Development Company. Distillation of acid-treated oils. 2,563,605, Aug. 7.

Jones, Morton L., Glendale, assignor to H. L. King, Pasadena, Calif. Posture chair pedestal adjustment. 2,536,503, Jan. 2.

Jones, Otha C., Anniston, Ala., assignor to Monsanto Chemical Company, St. Louis, Mo. Producing phosphorus sulfides. 2,569,128, Sept. 25.

Jones, Owen R., Frankfort, Kans. Cornhusking machine. 2,546,264, Mar. 27.

Jones, Peter, Rhyl, Wales. Transparent plant protective cover. 2,564,574, Aug. 14.

Jones, Peter C., Dayton, Ohio. Radio range training device. 2,548,888, Apr. 17.

Jones, Philip H., Los Angeles County, Calif. Liquid sampling apparatus with gas trap. 2,541,519, Feb. 13.

Jones, Preston A., Berkeley, assignor of one-half to S. L. Beber, and J. H. Feig, Los Angeles, Calif. Recessed light fixture with separate outlet box. 2,561,986, July 24.

Jones, Reuben G.: *See*—
Behrens, Otto K., Jones, Soper, and Corse.

Jones, Reuben G., assignor to Eli Lilly and Company, Indianapolis, Ind. Synthesis of substituted imidazoles. 2,541,924, Feb. 13.

Jones, Robert C., Berkeley, and A. W. Clark, Oakland, assignors to Shell Development Company, San Francisco, Calif. Recovering sulfonates. 2,559,439, July 3.

Jones, Robert E., Knoxville, Tenn., assignor to The Sanford Investment Company, Wilmington, Del. Mine car sealing device. 2,567,604, Sept. 11.

Jones, Robert E., assignor to Merck & Co., Inc., Rahway, N. J. Selective oxidation of dihydroxy steroids. 2,571,889, Oct. 16.

Jones, Robert L., and H. O. Nylene, Leadville, Colo. Drilling apparatus and cleaning plugged drill steel. 2,577,895, Dec. 11.

Jones, Robert L., Jr., Dayton, Ohio, assignor to Chrysler Corporation, Highland Park, Mich. Multiple-effect compressor. 2,578,139, Dec. 11.

Jones, Robert W.: *See*—
Jones, Lucille P. and R. W.

Jones, Roy E., Batesville, Miss. Rider propelled aquatic device for bathers. 2,542,143, Feb. 20.

Jones, Roy W., Rochester, N. Y., assignor to Automatic Electric Laboratories, Inc., Chicago, Ill. Reverting call circuit, all relay type. 2,541,362, Feb. 13.

Jones, Roy W., Rochester, N. Y., assignor to Automatic Electric Laboratories, Inc., Chicago, Ill. Magneto party-line adapter. 2,549,688, Apr. 17.

Jones, Roy W., Rochester, N. Y., assignor to Automatic Electric Laboratories, Inc., Chicago, Ill. Telephone system. 2,552,792, May 15.

Jones, Roy W., Rochester, N. Y., assignor to Automatic Electric Laboratories, Inc., Chicago, Ill. Telephone system employing nonnumerical switches for extending calling lines to numerical switches or to operator-controlled switchboard. 2,557,382, June 19.

Jones, Roy W., Rochester, N. Y., assignor to Automatic Electric Laboratories, Inc., Chicago, Ill. Binary binomial sequential analyzer. 2,560,172, July 10.

Jones, Roy W., Rochester, N. Y., assignor to Stromberg-Carlson Company. Automatic telephone system. 2,562,555, July 31.

Jones, Roy W., Rochester, N. Y., assignor to Automatic Electric Laboratories, Inc., Chicago, Ill. Party line selective signaling system having code call. 2,571,250, Oct. 16.
Jones, Roy W., Rochester, N. Y., assignor to Automatic Electric Laboratories, Inc., Chicago, Ill. All-relay telephone system having twelve lines grouped in three groups of four each. 2,572,266, Oct. 23.
Jones, Ruel C.: *See*—
Jones, Maurice F. and R. C.
Jones, Rufus V., Bartlesville, Okla., assignor to Phillips Petroleum Company. Drilling mud and using. 2,555,469, June 5.
Jones, Sam P., Dallas, Tex. Safety device for vaporizer units. 2,555,411, June 5.
Jones, Sam P., Dallas, Tex. Liquid fuel vaporizer. 2,558,051, June 26.
Jones, Sam P., Dallas, Tex. Vaporizer. 2,565,816, Aug. 28.
Jones, Sam P., Dallas, Tex. Liquefied fuel vaporizer. 2,580,102, Dec. 25.
Jones, Samuel G., Princess Anne County, Va. Locomotive stoker distributor head. 2,539,306, Jan. 23.
Jones, Stanley F. S., Hamilton, Ontario, Canada, assignor to American Can Company, New York, N. Y. Sifter-closure for container selectively attachable thereto in dispensing or nondispensing position. 2,567,211, Sept. 11.
Jones, Sylvester S., Sr.: *See*—
Brown, Herman N., and Jones.
Jones, Taze W., and N. E. Ciocchetti, Weld County, assignors of one-sixth to S. Di Paolo, Frederick, Ohio. Laterally flexible power-operated conveyer. 2,543,368, Feb. 27.
Jones, Thomas C.: *See*—
Clark, Robert C., and Jones.
Jones, Thomas C., assignor to National Rubber Machinery Company, Akron, Ohio. Automatic control for tire building machines. 2,555,343, June 5.
Jones, Thomas F., Alexandria, Va. Electrode structure for gaseous discharge devices. 2,569,474, Oct. 2.
Jones, Thomas R., Chicago, assignor of one-fifth to J. P. Smith, Oak Park, Ill. Releasable and reversible floating toolholder. 2,549,972, Apr. 24.
Jones, Timothy W., Tuskegee, Ala. Educational device. 2,546,543, Mar. 27.
Jones, Townsend S., Elizabeth, N. J., assignor, by mesne assignments, to Farnsworth Research Corporation. Automatic record changer. 2,541,072, Feb. 13.
Jones, Veda G., assignee: *See*—
Adams, Harry L.
Jones, Vincent W., Cleveland Heights, Ohio. Fluid type switch. 2,580,302, Dec. 25.
Jones, Virgil W., Detroit, Mich. Defrosting lock. 2,538,872, Jan. 23.
Jones, Vollie J., assignee: *See*—
Rath, Lee A.
Jones, Walter I., Belmont, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Combined bridge block and fastener for spectacle cases. 2,546,755, Mar. 27.
Jones, Walter L., Webster Groves, Mo. Marine steering and propelling device. 2,555,886, June 5.
Jones, Webster, deceased; M. A. Jones, administratrix, New York, N. Y., and J. J. Heslin, Waltham, Mass., assignors to Chemo-Textiles, Inc. Apparatus for impregnating yarns. 2,545,468, Mar. 20.
Jones, Wilford D., Cresaptown, Md., assignor to Celanese Corporation of America. Polymeric carboxy amide compounds and their production. 2,571,251, Oct. 16.
Jones, Wilford D., Summit, N. J., assignor to Celanese Corporation of America. Production of diesters of succinic acid. 2,548,025, Apr. 10.
Jones, Wilfred: *See*—
Edmondson, William, and Jones.
Jones, Willard C., West Hartford, Conn., assignor to Underwood Corporation, New York, N. Y. Line-space release device for typewriting and like machines. 2,569,674, Oct. 2.
Jones, William C., Jr., Baytown, Tex., assignor, by mesne assignments, to Standard Oil Development Company, Elizabeth, N. J. Recovery of lubricating oil from solvent extracts. 2,560,448, July 10.
Jones, William C., Oakland, Calif. Surface finishing ironing tool. 2,544,326, Mar. 6.
Jones, William E., Jr., assignee: *See*—
Dixon, Fate.
Jones, William G. M.: *See*—
Boon, William R., and Jones.
Jones, William H., F. M. Long, and R. W. Krebs, Baton Rouge, La., assignors to Standard Oil Development Company. Regenerating hydrocarbon synthesis catalyst. 2,541,654, Feb. 13.
Jones, William O., Blackley, Manchester, England, assignor to Imperial Chemical Industries Limited. Dyestuffs from phthalimide derivatives. 2,537,352, Jan. 9.
Jones, William R., Cleveland, Ohio. Range. 2,539,840, Jan. 30.
Jones, William W., assignee: *See*—
Frantz, Paul E.
Jones, Winfield W., Oceanville, N. J. Joining leaders to fishhooks. 2,577,466, Dec. 4.
Jones, Winthrop M., West Hartford, Conn. Pitot tube. 2,565,310, Aug. 21.
Jongeneel, Albert M., assignee: *See*—
Lea, Henry V.
Jonker, Johan L. H., and B. O. M. Gall, Eindhoven, Netherlands, assignors, by mesne assignments, to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Electric discharge tube. 2,538,873, Jan. 23.
Jonker, Johan L. H., and W. Six, Eindhoven, Netherlands, assignors to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Circuit arrangement for transmitting a signaling voltage under control of an auxiliary voltage. 2,547,215, Apr. 3.
Jonker, Johannes L. H., and A. J. W. M. van Overbeek, Eindhoven, Netherlands, assignors to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Circuit arrangement comprising a cathode beam tube provided with means for deflecting the cathode beam. 2,561,057, July 17.
Jonker, Johannes L. H., and A. J. W. M. van Overbeek, Eindhoven, Netherlands, assignors to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Electron discharge tube. 2,571,723, Oct. 16.
Jonkhoff, Henri W., deceased, New York, N. Y.; A. B. Blood and S. P. Friedman, executors. Vehicle truck. 2,563,338, Aug. 7.
Joos, Bernhard, Schaffhausen, Switzerland. Apparatus for nebulizing liquids. 2,537,833, Jan. 9.
Joos, Bernhard, Schaffhausen, assignor to Defensor, Zurich, Switzerland. 2-n-butoxyethyl ester of β, β-dimethylacrylic acid. 2,554,947, May 29.
Joos, Charles E., Wyncote, Pa., and A. E. Kittredge, Audubon, N. J., assignors to Cochrane Corporation, Philadelphia, Pa. Heating, deaerating, and purifying water. 2,560,226, July 10.
Joost, Emil C.: *See*—
Wallach, Irving D., and Joost.
Jordan, Arthur H., Norristown, Pa., assignor, by mesne assignments, to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Strip chart guide. 2,556,812, June 12.
Jordan, Edmund F., Jr.: *See*—
Swern, Daniel, and Jordan.
Swern, Daniel, Jordan, and Port.
Jordan, Eugene P., Los Angeles, Calif. Valve. 2,553,458, May 15.
Jordan, Eugene P., Los Angeles, Calif. Multiple valve unit. 2,564,066, Aug. 14.
Jordan, Hans, assignor, by mesne assignment, to Given Machinery Company, Los Angeles, Calif. Garbage disposer with direct water supply. 2,536,372, Jan. 2.
Jordan, James D.: *See*—
Ferris, Robert G., and Jordan.
Jordan, James F., assignor to James Jordan Laboratory, Huntington Park, Calif. Adding magnesium to cast iron. 2,543,853, Mar. 6.
Jordan, James F., assignor to Jordan Research Laboratory, Inc., Huntington Park, Calif. Melting. 2,544,091, Mar. 6.
Jordan, James F., assignor to James Jordan Laboratory, Huntington Park, Calif. Apparatus for the continuous formation of metal in sheets. 2,544,837, Mar. 13.
Jordan, James F., Huntington Park, Calif. Continuous casting apparatus. 2,553,921, May 22.
Jordan, James F., Huntington Park, Calif. Refining tower. 2,572,489, Oct. 23.
Jordan, James F., Huntington Park, Calif. Welding titanium and other metal. 2,576,793, Nov. 27.
Jordan, James, Laboratory, assignee: *See*—
Jordan, James F.
Jordan, John F.: *See*—
Knoblaugh, Armand F., and Jordan.
Jordan, John F., Terrace Park, assignor to The Baldwin Company, Cincinnati, Ohio. Vibrato system. 2,545,469, Mar. 20.
Jordan, John F., Terrace Park, assignor to The Baldwin Company, Cincinnati, Ohio. Electric organ. 2,555,040, May 29.
Jordan, John W., Havertown, assignor to Selas Corporation of America, Philadelphia, Pa. Plural station quenching device for elongated objects. 2,565,855, Aug. 28.
Jordan, Kurt, assignor to Brunsviga Maschinenwerke Aktiengesellschaft, Brunswick, Germany. Calculating machine. 2,545,550, Mar. 20.
Jordan, Ray F., Corydon, Ind. Handle and lock cover. 2,564,012, Aug. 14.
Jordan Research Laboratory, Inc., assignee: *See*—
Jordan, James F.
Jordan, Robert L.: *See*—
Holt, William J., Jr., and Jordan.
Jordan, Sidney W., Sheffield Lake, Ohio. Straight beam adjustable jaw clamp and spreader. 2,574,214, Nov. 6.
Jordan, Trueman P.: *See*—
Sprouse, Verner E., and Jordan.
Jordan, Wesley A., and S. H. Shapiro, assignors to Armour and Company, Chicago, Ill. Ester-amides of aminohydroxy compounds and derivatives thereof. 2,559,440, July 3.
Jordan, Wesley A., and M. S. Herban, Minneapolis, Minn., assignors to General Mills, Inc. Plastic tall oil rosin fraction. 2,572,035, Oct. 23.
Jordan, Wesley A., and H. Wittcoff, Minneapolis, Minn., assignors to General Mills, Inc. Synthetic oils. 2,579,499, Dec. 25.

Jordanoff, Assen, and N. Robin, assignors to Jordaphone Corporation of America, New York, N. Y. Telephone system for automatic answering, recording messages, and recording normal conversations. 2,539,139, Jan. 23.
Jordaphone Corporation of America, assignee: *See*—
Jordanoff, Assen, and Robin.
Jörgensen, Anders O., Traneberg, assignor to Telefonaktiebolaget L. M. Ericsson, Stockholm, Sweden. Winding electric coils. 2,558,566, June 26.
Jörgensen, Anders O., Traneberg, assignor to Telefonaktiebolaget L M Ericsson, Stockholm, Sweden. Bearing device for relay armatures and the like. 2,571,580, Oct. 16.
Jorgensen, Clarence H., and W. H. Taylor, Anderson, Ind., assignors to General Motors Corporation, Detroit, Mich. Power plant. 2,556,190, June 12.
Jorgensen, Clarence H., and L. C. Dermond, Anderson, Ind., assignors to General Motors Corporation, Detroit, Mich. Power plant. 2,556,191, June 12.
Jorgensen, Clarence H., and W. H. Taylor, Anderson, Ind., assignors to General Motors Corporation, Detroit, Mich. Power plant. 2,556,192, June 12.
Jorgensen, Clarence H., Anderson, and F. E. Aseltine, Kokomo, Ind., assignors to General Motors Corporation, Detroit, Mich. Charge forming device. 2,557,111, June 19.
Jorgensen, Clarence H., East Rochester, N. Y., and W. H. Taylor, Anderson, Ind., assignors to General Motors Corporation, Detroit, Mich. Engine controller. 2,565,968, Aug. 28.
Jorgensen, Clarence H., and L. C. Dermond, Rochester, N. Y., assignors to General Motors Corporation, Detroit, Mich. Engine pressure regulator. 2,572,865, Oct. 30.
Jorgensen, Clarence H., Rochester, N. Y., and W. H. Taylor, Anderson, Ind., assignors to General Motors Corporation, Detroit, Mich. Engine controller. 2,575,345, Nov. 20.
Jorgensen, David F., Altadena, Calif. Paint can attachment. 2,564,979, Aug. 21.
Jorgensen, Ernest E., and L. Johnson, Halfmoon Bay, British Columbia, Canada. Bunk stake equipment, 2,546,511, Mar. 27.
Jørgensen, Holger, assignor to Aktieselskabet Dansk Gaerings-Industri, Copenhagen, Denmark. Method and agent for controlling undesirable fermentation in cheese. 2,566,941, Sept. 4.
Jorgensen, Niels B., Los Angeles, Calif. Hypodermic syringe. 2,554,744, May 29.
Jorgensen, Thomas D., Blackfoot, Idaho. Litter stirring and lime admixing apparatus. 2,539,253, Jan. 23.
Joris, George G., Convent, N. J., assignor to Allied Chemical & Dye Corporation, New York, N. Y. Production of phenol by oxidation of benzene. 2,546,639, Mar. 27.
Joris, George G., Convent, N. J., assignor to Allied Chemical & Dye Corporation, New York, N. Y. Production of phenol by oxidation of benzene. 2,546,640, Mar. 27.
Joris, George G., Convent, N. J., assignor to Allied Chemical & Dye Corporation, New York, N. Y. Oxidation of cumene. 2,577,768, Dec. 11.
Jorsch, George R., Rhinelander, Wis. Rotary cutter head with multiple blade clamping disk. 2,560,174, July 10.
Joscelyne, Francis M., Northwich, England, assignor to Imperial Chemical Industries Limited. Anhydrous caustic soda process. 2,556,185, June 12.
Joseph, John W., Bronx, N. Y. Layout vernier. 2,559,966, July 10.
Joseph, Louis L., Chicago, Ill. Measuring tape. 2,549,098, Apr. 17.
Joseph, William J.: *See*—
Pye, David J., and Joseph.
Josephian, William, Oakland, Calif. Regulator system. 2,547,823, Apr. 3.
Josephian, William, Oakland, Calif. Vehicle construction. 2,579,003, Dec. 18.
Joslyn, Charles M., Great Falls, Mont. Drop center tire casing mounting machine. 2,550,728, May 1.
Joslyn Manufacturing and Supply Company, assignee: *See*—
Yonkers, Edward H.
Yonkers, Edward H., and Fahey.
Josselyn, Winsor, San Diego, Calif. Pressure sensitive tape dispenser. 2,555,747, June 5.
Jost, William R., and E. W. Hilscher, Leavenworth, Kans. Demountable tray sieve. 2,576,794, Nov. 27.
Joswig, Fred W., Elyria, Ohio, assignor to Super Seal Container Corporation, Washington, D. C. Placing and fixing of sealing compounds in closure caps. 2,553,590, May 22.
Jotter, Walter L.: *See*—
O'Mara, Carl E., and Jotter.
Journal Company, The, assignee: *See*—
McMullen, Joseph E.
Journeaux, Didier, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Electrode spacing regulator utilizing reference electrodes. 2,539,912, Jan. 30.
Jovan, James, assignee: *See*—
Schenk, Theresia, and Sprung.
Jovanovich, Milton: *See*—
Gregorie, Eugene T., and Jovanovich.
Joy, Charles W., Hawthorn, Victoria, Australia. Rod clamp. 2,574,107, Nov. 6.
Joy, Fred L.: *See*—
Ryberg, Milton E., Burney, and Joy.
Joy, Homer V., Montclair, N. J., assignor of one-half to Montclair Research Corporation and one-half to Ellis-Foster Company. Denture composition containing vinylidene chloride-acrylonitrile copolymer and methyl methacrylate monomer and polymer. 2,576,944, Dec. 4.
Joy, Joseph F., assignor to Joy Manufacturing Company, Pittsburgh, Pa. Proportional divider. 2,560,697, July 17.
Joy, Joseph F., assignor to Joy Manufacturing Company, Pittsburgh, Pa. Drafting machine. 2,562,920, Aug. 7.
Joy, Joseph F., assignor to Joy Manufacturing Company, Pittsburgh, Pa. Laterally flexible mine conveyer. 2,569,004, Sept. 25.
Joy, Joseph F., Warren, Ohio. Sealing device. 2,549,818, Apr. 24.
Joy Manufacturing Company, assignee: *See*—
Baechli, George.
Baldwin, Clyde P.
Baldwin, Clyde P., and Vanderzee.
Ball, Charles F.
Ball, Charles F., and Woolf.
Bartholomew, Jess M.
Bebinger, Charles N.
Curtis, John C.
Dansereau, Edward I.
Dean, Maxwell O.
Engel, Fiesco B.
Gartin, Elmer G.
Gehlsen, Reimer G., and Simpson.
Johansen, Harry C.
Joy, Joseph F.
Lamberton, Ralph E.
McCallum, Robert A.
Osgood, Charles F.
Osgood, Charles F., and Curtis.
Osgood, Robert C.
Overturf, William E.
Paget, Win W.
Russell, John D.
Russell, John D., and Woolf.
Simmons, Leon E.
Sinclair, Frank E.
Troller, Theodor H.
Vanderzee, Harry H.
Woolf, James W., and Russell.
Joy Toys, Inc., assignee: *See*—
McBride, Charles L.
Joyce, John R., London, England, assignor to Shell Development Company, San Francisco, Calif. Liquid fuel burner with nondribble tip valve. 2,579,004, Dec. 18.
Joyce, John R., London, England, assignor to Shell Development Company, San Francisco, Calif. Liquid fuel burner with oil precirculation. 2,579,829, Dec. 25.
Joyce, Robert M., Jr.: *See*—
Bittles, James A., Jr., and Joyce.
Hanford, William E., and Joyce.
Joyce, Robert M., Jr., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Fluorine-containing alcohols and preparing the same. 2,559,628, July 10.
Joynes, Ernest R., Oakland, Calif. Automatic time valve. 2,549,909, Apr. 24.
Jozff, Josef, and J. Mráz, Prague, Czechoslovakia. Motorcycle front fork with headlight. 2,542,926, Feb. 20.
Jubenville, Arthur R., Huntington, N. Y. Electrical connector. 2,578,360, Dec. 11.
Jubin, Joseph E., assignor to Huye Space Saving Box System Inc., New Orleans, La. Collapsible hat anchor. 2,542,815, Feb. 20.
Judd, Charles H., assignor to Tinnerman Products, Inc., Cleveland, Ohio. Fastening device. 2,574,330, Nov. 6.
Judd, Charles H., assignor to Tinnerman Products, Inc., Cleveland, Ohio. Fastening device. 2,578,008, Dec. 11.
Judd, Clare G., Highland Park, Mich. Time signal selector switch. 2,541,257, Feb. 13.
Judd, Edwin G., Vancouver, Wash. Rotary drum reactor. 2,559,441, July 3.
Judd, H. L., Company, assignee: *See*—
Graham, James J.
Purcell, William J.
Werner, Fred H., and Graham.
Whitehead, Oscar N.
Judd, John S., Birmingham, assignor to Trim Trends, Inc., Detroit, Mich. Automobile body trim. 2,553,504, May 15.
Judd, S. F., executor: *See*—
Protzeller, Harry W.
Jude, George F.: *See*—
Brannin, Richard S., Halpert, and Jude.
Judell, Julius S., Shorewood, assignor to Milwaukee Flush Valve Co., Milwaukee, Wis. Toilet flush valve. 2,571,367, Oct. 16.
Judson, Albert L., assignor to Iron Fireman Manufacturing Company, Portland, Oreg. Oil burner primary safety control. 2,552,973, May 15.
Judson, Albert L., assignor to Iron Fireman Manufacturing Company, Portland, Oreg. Outdoor temperature responsive controller for heating systems. 2,557,661, June 19.
Judson Bros. Co., assignee: *See*—
Wonenberg, Samuel.

Judson, Charles A., assignee: *See*—
Judson, William H.
Judson, Charles A., Borrowash, J. R. Read, Duffield, and P. E. Hunter, Chellaston, assignors to Rolls-Royce Limited, Derby, England. Supplying cooling air to turbine disk of gas-turbine engines. 2,557,747, June 19.
Judson, Frederick B., Washington, D. C. Suitcase convertible to wardrobe. 2,565,969, Aug. 28.
Judson, William D., Otis, Mass. Ski tow device. 2,548,800, Apr. 10.
Judson, William H., Haverford, assignor to C. A. Judson, Philadelphia, Pa. Planting machine. 2,547,867, Apr. 3.
Judson, William H., Wayne, assignor to C. A. Judson, Philadelphia, Pa. Material distributor. 2,547,868, Apr. 3.
Judy, John S., West Point, assignor of fifty per cent to T. H. Schulte, Fort Madison, Iowa. Crib attachment. 2,544,428, Mar. 6.
Juel, Leslie H.: *See*—
Shea, Frederick L., Jr., and Juel.
Juergens, John, McHenry, Ill., assignor to Leterstone Sales Co. Livestock prod. 2,561,122, July 17.
Juergenson, Elwood M., Linden, Calif. Wheel adapter plate. 2,570,559, Oct. 9.
Juers, Edward H., Red Wing, Minn. Foot support. 2,569,721, Oct. 2.
Juetten, Richard L., Escanaba, Mich. Safety wall plug. 2,552,432, May 8.
Juice Bar Corp., assignee: *See*—
Cattanach, Leo J. C.
Juillard, Yves J. G., Paris, France, assignor to International Standard Electric Corporation, New York, N. Y. Driving mechanism for rotary switches. 2,538,004, Jan. 16.
Juillet, Pierre, Albon (Drome), assignor to Relief-Lyon-France, Lyon, France. Stereoscopy. 2,554,532, May 29.
Julian, Frederick C., assignor to South Bend Tool and Die Co., Inc., South Bend, Ind. Apparatus for taper grinding elongated articles. 2,575,346, Nov. 20.
Julian, James G., and F. A. Daniels, Sr., Columbia, S. C. Locomotive and car wheel grinding machine. 2,546,225, Mar. 27.
Julian, Percy L., Maywood, H. C. Printy, and E. W. Meyer, Chicago, Ill., assignors to The Glidden Company, Cleveland, Ohio. 20-dimethylamino-pregnenes and their quaternary halides. 2,561,378, July 24.
Julian, Percy L., Maywood, E. W. Meyer, and H. C. Printy, Chicago, Ill., assignors to The Glidden Company, Cleveland, Ohio. Aminomethyl-keto-steroids and preparing. 2,562,194, July 31.
Julian, Percy L., Maywood, E. W. Meyer, and J. W. Cole, Chicago, and A. Magnani, Wilmette, Ill., assignors to The Glidden Company, Cleveland, Ohio. Preparation of keto-amine salts in the steroid series and products. 2,566,336, Sept. 4.
Julian's Incorporated, assignee: *See*—
Hutaff, Julian B.
Julien, Josephine M., Troy, N. Y. Catamenial bandage. 2,566,451, Sept. 4.
Julien, Maurice F. A., Toulouse, France. Suspension device for vehicles. 2,545,956, Mar. 20.
Julius, Awdry F., Sydney, assignor to Automatic Totalisators Limited, Meadowbank, near Sydney, New South Wales, Australia. Totalizator counter structure. 2,544,994, Mar. 13.
Julius, Awdry F., Sydney, New South Wales, assignor to Automatic Totalisators Limited, Meadowbank, near Sydney, New South Wales, Australia. Multistake totalizator arrangement. 2,558,218, June 26.
Julius, Awdry F., and G. A. Julius, deceased, Sydney, New South Wales, by E. D. O. Julius, Killara, near Sydney, A. F. Julius, and R. S. Hicks, executors, assignors to Automatic Totalisators Limited, Sydney, New South Wales, Australia. Adding unit for race totalisators. 2,541,587, Feb. 13.
Julius, Eva D. O., executor: *See*—
Julius, Awdry F. and G. A.
Julius, George A.: *See*—
Julius, Awdry F. and G. A.
Julliard, Maurice, Paris, France. Spring powered type bar actuating mechanism for typewriters. 2,562,237, July 31.
Jullien, Pierre J. L., Roubaix, France. Calculating machine. 2,572,811, Oct. 23.
Junge, Albert E.: *See*—
Lytle, William O., and Junge.
Junge, Albert E., New Kensington, Pa., assignor to Pittsburgh Plate Glass Co. Spraying transparent coatings. 2,570,245, Oct. 9.
Junghans, Erna, San Francisco, Calif. Bag type service blanket. 2,538,420, Jan. 16.
Jungjohann, Henry, Davenport, Iowa. Supporting bracket for outdoor thermometers. 2,541,363, Feb. 13.
Junkin, Hays M., executor: *See*—
Hibbard, Robert L.
Junkunc, Alexander, Jr., assignee: *See*—
Junkunc, Bela B.
Junkunc, Alexander, Sr., assignee: *See*—
Junkunc, Bela B.
Junkunc, Bela B., assignor to B. B., A., Sr., A., Jr., and J. G. Junkunc, doing business as J. & J. Tool & Machine Co., Chicago, Ill. Automatic friction lock. 2,563,040, Aug. 7.
Junkunc, Bela B., assignor to B. B. Junkunc, A. Junkunc, Sr., A. Junkunc, Jr., and J. G. Junkunc, doing business as J & J Tool & Machine Co., Chicago, Ill. Top structure for Venetian blinds. 2,569,173, Sept. 25.
Junkunc, Bela B., assignor to B. B. Junkunc, A. Junkunc, Sr., A. Junkunc, Jr., and J. G. Junkunc, doing business as J & J Tool & Machine Co., Chicago, Ill. Venetian blind rail tape clamp. 2,570,455, Oct. 9.
Junkunc, Bela B., assignor to B. B. Junkunc, A. Junkunc, Sr., A. Junkunc, Jr., and J. G. Junkunc, doing business as J & J Tool & Machine Co., Chicago, Ill. Facia board. 2,572,036, Oct. 23.
Junkunc, Bela B., assignor to B. B. Junkunc, A. Junkunc, Sr., A. Junkunc, Jr., and J. G. Junkunc, doing business as J. & J. Tool & Machine Co., Chicago, Ill. Intermediate support for Venetian blind tilt rails. 2,573,147, Oct. 30.
Junkunc, Joseph G., assignee: *See*—
Junkunc, Bela B.
Jupiter Steam Appliances, Inc., assignee: *See*—
Kupka, John J.
Jupnik, Helen: *See*—
Osterberg, Harold, and Jupnik.
Pride, Gilbert E., Osterberg, and Jupnik.
Juppenlatz, John W., assignor to Lebanon Steel Foundry, Lebanon, Pa. Apparatus for casting metal rods. 2,539,625, Jan. 30.
Jurasevich, Elsie M., assignee: *See*—
Jurasevich, Mitchell L.
Jurasevich, Mitchell L., assignor to E. M. Jurasevich, Alturas, Calif. Vehicle bumper. 2,541,364, Feb. 13.
Jurgens, Herman J., Gurley, Nebr. Branding iron heater. 2,543,781, Mar. 6.
Jurgensen, Delbert E., Jr., Tuckahoe, and G. P. Hungerford, Brooklyn, N. Y., assignors to American Machine & Foundry Company. Film casting knife and process. 2,546,342, Mar. 27.
Jurnove, Donald S., and S. Hammer, New York, N. Y. Dispensing spool for surgical thread. 2,550,927, May 1.
Jurriaanse, Tom: *See*—
Mulder, Johannes G. W., Jurriaanse, and Penning.
Jurs, Albert E., Jr., assignor to Shand & Jurs Company, Berkeley, Calif. Fluid operated valve. 2,549,689, Apr. 17.
Jurs, Eugene E., Oakland, assignor to Shand & Jurs Company, Berkeley, Calif. Safety device for tank valve systems. 2,565,817, Aug. 28.
Jurs, Peter C., Oakland, assignor to Shand and Jurs Company, Berkeley, Calif. Pressure relief valve. 2,576,516, Nov. 27.
Jurs, Peter C., Oakland, assignor to Shand and Jurs Company, Berkeley, Calif. Pressure relief valve. 2,576,517, Nov. 27.
Jury, Harold W., Burbank, and H. R. Lubcke, Hollywood, assignors to Thomas S. Lee Enterprises, Inc., Los Angeles, Calif. Radiant energy detector. 2,562,864, July 31.
Just, Edmund W.: *See*—
Andrew, William K., Ford, and Just.
Just, George A., Scarsdale, N. Y. Computing machine. 2,564,575, Aug. 14.
Just, Margaret, administratrix: *See*—
Wahle, Otto.
Justice, Harold D., Iowa City, Iowa. Coil winding tool. 2,551,135, May 1.
Justice, William N., Baltimore, Md. Machine for tenderizing frankfurters. 2,552,046, May 8.
Justis, David W., Charlotte, N. C. Nozzle. 2,548,725, Apr. 10.
Justova, Marketa: *See*—
Wahle, Otto.
Justus, James E.: *See*—
Charles, Louis J., and Justus.
Endsley, Louis E., and Justus.
Justus, William R., Chicago, Ill. Finger tip shield and applicator. 2,569,381, Sept. 25.
Juterbock, Edwin E.: *See*—
Arundale, Erving, and Juterbock.
Jutglar Parés, José, and S. S. Daroca, Barcelona, Spain. Knitting machine. 2,560,872, July 17.
Jutras, Arthur, Saint Hyacinthe, Quebec, Canada. Denture tray. 2,568,072, Sept. 18.
Juvinall, James W., and A. L. Quinlan, La Grange Park, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y. Making switch parts. 2,571,040, Oct. 9.
Juy, Lucien C. H., Dijon, France. Variable-speed gear for bicycles, tandems, and the like. 2,564,576, Aug. 14.
K & B Manufacturing Company, assignee: *See*—
Blake, William P.
K. & S. Corp., assignee: *See*—
Sklaar, Richard.
K. L. G. Sparking Plugs Limited, assignee: *See*—
Carington, Charles M., Shoobert, and Blight.
K. N. H. Corporation, assignee: *See*—
Nemir, Clarence T.
Kaasa, Orin G., East Chicago, Ind., assignor to Sinclair Refining Company, New York, N. Y. Apparatus for pyrolytic conversion of hydrocarbons. 2,548,026, Apr. 10.
Kabisch, Harold G.: *See*—
Lewis, Oscar, and Kabisch.

Kabo, Inc., assignee: *See*—
Colby, Hazel M.
Schlageter, Mary E.
Käch, Alfred, Baden, and A. de Quervain, Zurich, assignors to Patelhold Patentverwertungs-& Elektro-Holding A.-G., Glarus, Switzerland. Short wave tuning system. 2,542,416, Feb. 20.
Kachelhoffer, Joseph R., Joliet, Ill. Hand-harvesting tool. 2,579,584, Dec. 25.
Kaczalski, Efraim, Brooklyn, assignor to J. Blumenfeld, New York, N. Y. Producing copolymers by reacting an N-carboxyl anhydride of an alpha aminoacid with an omega aminoacid. 2,578,428, Dec. 11.
Kaczmarek, Simeon, Hamburg, N. Y. Reel. 2,566,894, Sept. 4.
Kaddatz, Oscar W., Chicago, Ill. Drain control device. 2,549,204, Apr. 17.
Kadenacy, Michel, assignee: *See*—
Mansfield, Wilfred P., and White.
Kadenacy, Michel, deceased, Summit, N. J.; N. K. Guercken, executrix. Apparatus for producing gas under pressure. 2,579,321, Dec. 18.
Kading, Ludwig J.: *See*—
Brodbeck, John E., and Kading.
Kadisch, Ernst L. and S., Westwood, N. J. Knitting needle with loop retaining attachment. 2,544,429, Mar. 6.
Kadisch, Shirley: *See*—
Kadisch, Ernst L. and S.
Kadlecík, Josef, Spytihnev, assignor to Svit, narodni podnik, Gottwaldov, Czechoslovakia. Rolling machine of the bridge type for the treatment of leather. 2,546,544, Mar. 27.
Kadz, Harold D., Glendale, Calif., assignor to Kay-Brunner Steel Products, Inc. Clutch adjusting mechanism. 2,539,020, Jan. 23.
Kaefer, Martin H.: *See*—
Trier, Raymond T., and Kaefer.
Kaefer, Martin H., Thomaston, and E. S. Bassett, Waterbury, Conn., assignors to General Time Corporation. Timer mechanism. 2,545,617, Mar. 20.
Kaegi, Hans: *See*—
Miescher, Karl, and Kaegi.
Kaegi, Hans, Basel, and K. Miescher, Riehen, Switzerland, assignors to Ciba Pharmaceutical Products, Inc., Summit, N. J. Piperidyl ketones and making same. 2,546,159, Mar. 27.
Kaehler, Arnold A., and E. B. Johnson, Red Wing, Minn. Box forming machine. 2,554,574, May 29.
Kaelin, Pierre, Lausanne, Switzerland. Automatic telephone station selector set for transmitting station numbers. 2,537,188, Jan. 9.
Kaelin, Pierre, Lausanne, Switzerland. Device for automatically diverting telephone calls. 2,542,535, Feb. 20.
Kaeppel, Bertram A., Normandy, assignor to Day-Brite Lighting, Inc., St. Louis, Mo. Recessed electric lighting ceiling fixture support and plaster frame. 2,554,673, May 29.
Kaeser, Ernst, Biel, Switzerland. Paper piercer. 2,558,567, June 26.
Kaffer, Earl L., Joliet, Ill. Combined container and cover. 2,557,112, June 19.
Kagan, Simon, and I. Rothenberg, New York, N. Y. Shoulder pad. 2,571,890, Oct. 16.
Kagan, William, St. Louis, Mo. Automatic electrical control for furnaces and fire alarms. 2,567,112, Sept. 4.
Kagan, William, University City, Mo. Trailer ice truck and cooling apparatus for buildings. 2,559,821, July 10.
Kagel, John T., Sr., Jamaica, N. Y. Fishing line reel. 2,550,271, Apr. 24.
Kahan, Charles, Los Angeles, Calif. Electrostatic coating apparatus. 2,548,477, Apr. 10.
Kahl, William R., Auburn, N. Y. Ironer permitting removal of work at input end. 2,568,451, Sept. 18.
Kahle, Walter R., and E. R. Johnson, assignors to The Morris Machine Tool Company, Cincinnati, Ohio. Motor operated wrench having gear transmission. 2,538,251, Jan. 16.
Kahler, John, Lincoln, Nebr. Floor marking device. 2,546,308, Mar. 27.
Kahma, Aarno A.: *See*—
Puranen, Maunu, and Kahma.
Kahn, Benjamin, Gadsden, Ala. Machine for weaving loops into the fabric during the formation thereof. 2,547,824, Apr. 3.
Kahn, Benjamin, Gadsden, Ala. Device for making pile fabrics. 2,570,348, Oct. 9.
Kahn, Benjamin, Gadsden, Ala. Machine for making looped or tufted fabrics. 2,574,108, Nov. 6.
Kahn, David, Inc., assignee: *See*—
Para, John W.
Kahn, Faith Hope, New York, N. Y. Headgear. 2,568,399, Sept. 18.
Kahn, Frank: *See*—
Havelin, Jules E., and Kahn.
Kahn, Harry J., Matawan, N. J. Artificial jade and making same. 2,536,061, Jan. 2.
Kahn, Joseph N., St. Albans, assignor of one-third to E. J. Boss, Richmond Hill, N. Y. Chair having vertically adjustable seat. 2,570,687, Oct. 9.
Kahn, Lawrence M., New York, N. Y. Shirt form. 2,563,043, Aug. 7.
Kahn, Leo M., Allen Park, N. Y. Washing apparatus. 2,540,168, Feb. 6.
Kahn, Leo M., New York, N. Y. Article carrier for washing machines and tray therefor. 2,574,149, Nov. 6.
Kahn, Leon A.: *See*—
Van Horn, Lee, and Kahn.
Kahn, Leonard R., and D. S. Sanford, New York, N. Y. Aircraft radio range system. 2,571,368, Oct. 16.
Kahn, Louis, assignor to Aerovox Corporation, New Bedford, Mass. Tension device. 2,553,374, May 15.
Kahn's, E., Sons Company, The, assignee: *See*—
Anderson, Edward G.
Kahr, Kurt, Ems, assignor to Inventa A.-G. für Forschung und Patentverwertung Luzern, Luzern, Switzerland. Extracting of lactams from aqueous solutions containing the same. 2,541,874, Feb. 13.
Kahr, Martin, and V. R. Noll, assignors to The Filer & Stowell Co., Milwaukee, Wis. Free piston engine. 2,560,449, July 10.
Kailenta, John, Staten Island, N. Y. Posture aid seat. 2,557,874, June 19.
Kainen, Joseph: *See*—
Peter, Albert, and Kainen.
Kaiser Aluminum & Chemical Corporation, assignee: *See*—
Austin, Leslie W.
Austin, Leslie W., and Hicks.
Austin, Leslie W., and Rhodes.
Byrns, Alva C.
Gunderson, Russell O.
Hicks, James C., and Austin.
Mooney, Cloise L.
Porter, John L.
Smith, Arthur D., and Kobrow.
Vettel, Arthur W.
Woodward, Teynham.
Kaiser, Donald W., Old Greenwich, and D. H.-H. Church, Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Preparing an isocyanurate. 2,536,849, Jan. 2.
Kaiser, Donald W., Riverside, Conn., assignor to American Cyanamid Company, New York, N. Y. Preparation of substituted melamine. 2,567,847, Sept. 11.
Kaiser, Donald W., Riverside, and B. C. Redmon, Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Substituted guanylmelamines. 2,537,834, Jan. 9.
Kaiser, Edward W., Chicago, Ill. Expansion means for jacket or conduit systems. 2,570,246, Oct. 9.
Kaiser, Emil, assignor to Armour and Company, Chicago, Ill. Tetrahalomethylhexestrols and derivatives thereof. 2,568,809, Sept. 25.
Kaiser, Emil, and J. Svarz, assignors to Armour and Company, Chicago, Ill. Cyclopentanoperhydrophenanthrene compounds. 2,563,846, Aug. 14.
Kaiser, Ernest H., Chicago, Ill., assignor to Frigid Fluid Company. Casket lowering device. 2,560,450, July 10.
Kaiser-Frazer Corporation, assignee: *See*—
Bedford, Clay P., Hammond, and Hallett.
Libby, Edward W.
Kaiser Metal Products, Inc., assignee: *See*—
De Ganahl, Carl, Smith, and Romberger.
Kueneman, Oswald D.
Kaiser, Otto, Dornach, W. Widmer, Bottmingen, A. Buehler, Rheinfelden, and C. Zickendraht, Binningen, assignors to Ciba, Limited, Basel, Switzerland. Complex copper compounds of disazo dye-stuffs. 2,538,568, Jan. 16.
Kaiser Steel Corporation, assignee: *See*—
Larsen, Einar T.
Kaiser, Victor C. J., Indianapolis, Ind. Tie press form. 2,555,136, May 29.
Kaish, Theodore, and S. Saks, Bronx, N. Y. Adjustable photographic lighting apparatus. 2,547,126, Apr. 3.
Kaitul, Julian P., Chicago, Ill. Paint distributor with roller applicator. 2,536,291, Jan. 2.
Kajdan, Chester C., assignor to Irving Air Chute Co. Inc., Buffalo, N. Y. Parachute harness coupling device and safety clip therefor. 2,544,995, Mar. 13.
Kalamazoo Limited, assignee: *See*—
Power, Richard F., and Cherry.
Kalamazoo Stove & Furnace Co., assignee: *See*—
Cook, James M., Lang, and Salter.
Deming, Roy E.
Kalart Company Inc., The, assignee: *See*—
Castedello, William.
Schwartz, Hyman, and Castedello.
Schwartz, Morris, and Castedello.
Kalb, Bernard J.: *See*—
Bender, John C., and Kalb.
Kalb, George H., Landenberg, Pa., and J. C. Sauer, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Addition products of acetylene and their preparation. 2,540,736, Feb. 6.
Kalb, John W., Barberton, Ohio, assignor to General Electric Company. Arc extinguishing device. 2,555,971, June 5.
Kalb, John W., Barberton, Ohio, assignor to General Electric Company. Protective device. 2,566,895, Sept. 4.
Kalbach, John C., New York, N. Y. Production of chromium oxide. 2,544,687, Mar. 13.
Kalbach, John C., assignor to The American Metal Company Limited, New York, N. Y. Stagewise fluidizing reduction of zinc compounds. 2,559,631, July 10.

Kalbach, John C., assignor to The American Metal Company, Limited, New York, N. Y. Fluidizing reduction of zinc compounds with stagewise feeding of solids. 2,560,175, July 10.
Kalbach, John C., and V. S. Demarchi, Chicago, Ill., and F. W. Sullivan, Jr., Summit, N. J., assignors, by mesne assignments, to Inland Steel Company, Chicago, Ill. Reducing metallic oxides. 2,538,201, Jan. 16.
Kalberg, Victor N., Chicago, Ill., assignor to Scientific Oil Compounding Company, Inc. Aluminum carboxylic acid soap-heavy metal salt of hydroxy quinoline fungicidal composition and preparation thereof. 2,561,379, July 24.
Kalberg, Victor N., Chicago, Ill., assignor to Scientific Oil Compounding Company, Inc. Water insoluble carboxylic acid soap-heavy metal salt of hydroxy quinoline fungicidal composition and preparation thereof. 2,561,380, July 24.
Kaldor, Irving, San Francisco, Calif. Garter belt. 2,579,190, Dec. 18.
Kalenian, Aram: *See*—
Guller, Cameron, and Kalenian.
Kalfaian, Meguer V., Hollywood, Calif. Color television system. 2,558,489, June 26.
Kalfon, Stanley M., Miami Beach, Fla. Dispensing cap for bottles and other containers. 2,562,617, July 31.
Kalichevsky, Vladimir A.: *See*—
Saxe, August W., and Kalichevsky.
Kalin, John B., South Gate, Calif., assignor to Johns-Manville Corporation, New York, N. Y. Making asphalt covering units. 2,559,879, July 10.
Kälin, Josef, Rheinfelden, Switzerland. Arrangement for regulating the voltage of a galvanic bath. 2,578,251, Dec. 11.
Kalina, Martin H., Gray, Saskatchewan, Canada, assignor, by mesne assignments, to Wetherill Engineering Company, Philadelphia, Pa. Metal casting mold. 2,544,598, Mar. 6.
Kalis, Kornelis P., Voorburg, assignor of one-half to N. V. Matepa, Maatschappij tot Exploiteeren van Ostrooien en Licenties, 's-Hertogenbosch, Netherlands. Ensiling vegetable products. 2,546,101, Mar. 20.
Kalish, Victor A., Highland Park, Mich. Fire fighter's tool. 2,562,794, July 31.
Kalitinsky, Andrew, Eagleville, assignor to United Aircraft Corporation, East Hartford, Conn. Air valve for compressors. 2,540,737, Feb. 6.
Kallal, George W., Overland, assignor to McDonnell Aircraft Corporation, St. Louis, Mo. Exit area control for jet engines. 2,579,043, Dec. 18.
Kallam, Floyd L., Pasadena, Calif. Throttle valve. 2,573,712, Nov. 6.
Kallas, Clarence B.: *See*—
Kallas, Cornelius J., and C. B.
Kallas, Cornelius J. and C. B., Milwaukee, Wis. Clamp for garbage can covers. 2,573,450, Oct. 30.
Källe, Karl T., Saffle, Sweden. Electric indicating apparatus. 2,551,008, May 1.
Kallmann, Heinz E., New York, N. Y. Electron beam deflecting system. 2,574,975, Nov. 13.
Kalousek, George L., Toledo, Ohio, assignor to Owens-Illinois Glass Company. Calcium silicate of microcrystalline lathlike structure. 2,547,127, Apr. 3.
Kals, Walter, assignor to Niagara Blower Company, New York, N. Y. Heat exchange apparatus. 2,568,891, Sept. 25.
Kals, Walter, New York, assignor to Niagara Blower Company, New York City, N. Y. Condenser. 2,570,247, Oct. 9.
Kalstein, John E.: *See*—
Zavales, Charles T., Euler, and Kalstein.
Kaltenbach, Kurt R., Seattle, Wash. Golf cart. 2,551,009, May 1.
Kaltenbacher, Dominic M., Cincinnati, Ohio, assignor to Radio Corporation of America. Metal-case portable receiver. 2,538,525, Jan. 16.
Kalter, Harold E., assignor to The Troxel Manufacturing Company, Elyria, Ohio. Cycle saddle. 2,548,726, Apr. 10.
Kalthoff, Max, Glenbrook, Conn. Door closer. 2,537,059, Jan. 9.
Kaltoft, Sigurd, assignor of one-half to George Delfino and Sons, Bakersfield, Calif. Two-way plow. 2,552,097, May 8.
Kamborian, Jacob S., West Newton, Mass. Last expanding machine. 2,546,398, Mar. 27.
Kamborian, Jacob S., West Newton, Mass. Continuous type lasting machine. 2,571,140, Oct. 16.
Kamborian, Jacob S., West Newton, Mass. Applying flexible covering material to a relatively rigid backing. 2,576,121, Nov. 27.
Kamen, Martin D., Berkeley, Calif., assignor to the United States of America as represented by the United States Atomic Energy Commission. Manufacture of uranium tetrachloride. 2,574,268, Nov. 6.
Kaminky, Oscar H., South Milwaukee, Wis., assignor to McGraw Electric Company. Resistor type isolator for lightning arresters. 2,548,112, Apr. 10.
Kamiss, Charles B., Jamaica, N. Y. X-ray cassette hinge and back. 2,539,254, Jan. 23.
Kamlet, Jonas, New York, N. Y., assignor to Pittsburgh Coke & Chemical Company, Pittsburgh, Pa. Organic mercury compounds and germicidal compositions thereof. 2,536,750, Jan. 2.
Kamlet, Jonas, New York, N. Y., assignor to Pittsburgh Coke & Chemical Company, Pittsburgh, Pa. Herbicidal compositions. 2,536,751, Jan. 2.
Kamlet, Jonas, New York, N. Y., assignor to Tennessee Products & Chemical Corporation, Nashville, Tenn. Separation of isomeric chlorobenzoic acids. 2,546,545, Mar. 27.
Kamlet, Mortimer J., Chattanooga, assignor to Tennessee Products & Chemical Corporation, Nashville, Tenn. Manufacture of perchloromethyl mercaptan and its separation from the various sulfur compounds. 2,545,285, Mar. 13.
Kamm, George N., Detroit, Mich., assignor, by mesne assignments, to the United States of America as represented by the Secretary of the Navy. Spectrum analyzer. 2,569,129, Sept. 25.
Kamm, Lawrence J., Yonkers, assignor to The Teleregister Corporation, New York, N. Y. Helicoil switch unit for signaling systems. 2,543,694, Feb. 27.
Kamm, Wilbur F., United States Army, assignor to the United States of America as represented by the Secretary of War. Ointments. 2,557,973, June 26.
Kammer, Erwin W., Fairlington, Va. Electronic switch. 2,543,028, Feb. 27.
Kammeraad, Raymond, assignor to The Studebaker Corporation, South Bend, Ind. Tail gate construction for station wagons. 2,551,010, May 1.
Kammerer, Archer W., Fullerton, Calif. Expansible rotary drill bit. 2,545,032, Mar. 13.
Kammerer, Archer W., Fullerton, Calif. Well boring apparatus. 2,545,033, Mar. 13.
Kammerer, Archer W., Fullerton, Calif. Expansible rotary drill bit and assembling and disassembling the same. 2,545,034, Mar. 13.
Kammerer, Archer W., Fullerton, Calif. Rotary well drilling bit. 2,545,035, Mar. 13.
Kammerer, Archer W., Fullerton, Calif. Expansible drill bit. 2,545,036, Mar. 13.
Kammerer, Archer W., Fullerton, Calif. Rotary drill bit apparatus. 2,545,037, Mar. 13.
Kammerer, Archer W., Fullerton, Calif. Removable trailer hitch. 2,576,461, Nov. 27.
Kammerer, Gerald P.: *See*—
Whipple, Jack Van H., and Kammerer.
Kammermeyer, George C., St. Louis, Mo. Tripod for photographic purposes. 2,550,415, Apr. 24.
Kammins, Herman D., Chicago, Ill., assignor to Daka, Inc. Roasting machine. 2,566,524, Sept. 4.
Kamlet, Jonas, New York, N. Y., assignor to Emery Industries, Inc., Cincinnati, Ohio. Concurrent manufacture of sodium cyanate and fatty alcohols. 2,563,044, Aug. 7.
Kamlet, Jonas: *See*—
Drew, Ernest F., Bissinger and Kamlet.
Kamp, Albert, Elmira, N. Y. Variable speed segment pulley. 2,552,179, May 8.
Kamp, Peter E., Walcott, Wyo. Tooth for sulky rakes. 2,559,252, July 3.
Kampf, Harry E., Manhasset, N. Y., assignor to Neptune Meter Company. Oscillating piston meter. 2,561,280, July 17.
Kanaval, Stephen W., Cincinnati, Ohio. Tubular assembly. 2,540,169, Feb. 6.
Kander, Rudolf M. H., Kansas City, Mo. Rear wheel drive for scooters and the like. 2,544,996, Mar. 13.
Kandle, Charles W., Chicago, Ill. Drill rig. 2,562,276, July 31.
Kandle, Charles W., Chicago, Ill. Screw anchor adapter. 2,569,528, Oct. 2.
Kandoian, Armig G., Glen Rock, N. J., assignor to International Standard Electric Corporation, New York, N. Y. Circularly polarized antenna. 2,539,433, Jan. 30.
Kandoian, Armig G., assignor to Federal Telephone and Radio Corporation, New York, N. Y. High power ultra high frequency load device. 2,562,921, Aug. 7.
Kandt, Arthur T., Kief, and R. E. Meller, Balfour, N. Dak. Draft gear. 2,540,677, Feb. 6.
Kane, Arthur L., and A. L. Kemp, assignors of one-fourth to said A. L. Kane, one-fourth to said Kemp, one-fourth to M. R. Kane and one-fourth to S. Yourstowsky, Youngstown, Ohio. Double-acting piston engine combined with pump. 2,538,726, Jan. 16.
Kane, Arthur R., assignor to Bulk Barites, Inc., Corpus Christi, Tex. Portable load supporting structure. 2,563,470, Aug. 7.
Kane, Frank A., Jr., Stratford, Conn. Pipe coupling. 2,555,591, June 5.
Kane, Frank A., Jr., Stratford, Conn., and G. F. Oberrender, New York, N. Y. Device for adjustably interfitting two coactive members. 2,574,109, Nov. 6.
Kane, Garold A., assignor to The Northern Pump Company, Minneapolis, Minn. Rotary pump and motor hydraulic transmission with automatic speed control means. 2,561,023, July 17.
Kane, Harry, Brooklyn, N. Y. Denture. 2,577,769, Dec. 11.
Kane, John, Erie, Pa., assignor to Read Standard Corporation. Locomotive stoker. 2,566,419, Sept. 4.
Kane, John S., Lowell, Mass. Lappet loom. 2,542,677, Feb. 20.
Kane, Myron R., assignee: *See*—
Kane, Arthur L., and Kemp.

Kane, Saul A., Washington, D. C. System of blade cooling and power supply for gas turbines. 2,536,062, Jan. 2.
Kane, Saul A., Washington, D. C. Axial flow compressor cooling system. 2,549,819, Apr. 24.
Kane, Thomas C., assignor to The Commercial Shearing and Stamping Company, Youngstown, Ohio. Apparatus for trimming spherical segments. 2,564,364, Aug. 14.
Kangas, Ernest J., Duluth, Minn. Primary ignition system. 2,579,928, Dec. 25.
Kangol Patents Limited, assignee: *See*—
Huber, Gustav.
Kanitz, Georges, Caracas, Venezuela. Printing stencil. 2,557,352, June 19.
Kannenberg, Walter F., Gillette, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Automatic volume control. 2,564,437, Aug. 14.
Kannenberg, Walter F., Lyndhurst, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Tunable resonance chamber. 2,573,148, Oct. 30.
Kannenberg, Walter F., Lyndhurst, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electrical wave guide switch. 2,573,713, Nov. 6.
Kannenberg, Walter F., Lyndhurst, J. P. Kinzer, Ridgefield, and C. W. Schramm, Nutley, N. J., and I. G. Wilson, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Object locator system. 2,537,139, Jan. 9.
Kanner, Harry M., Sacramento, Calif. Surgical clamp for circumcising. 2,544,459, Mar. 6.
Kansas City Testing Laboratory, assignee: *See*—
Cross, Walter M., Jr.
Kant, Edwin S.: *See*—
Cutler, Wallace M., Greenough, and Kant.
Kanter, Charles, assignee: *See*—
Schluter, Bernard C.
Kanter, Lou E. and R. M., Duluth, Minn. Adjustable bracket. 2,542,872, Feb. 20.
Kanter, Robert M.: *See*—
Kanter, Lou E. and R. M.
Kanter, Theodore M., Cleveland, Ohio. Golf club cleaning and scraping device. 2,536,942, Jan. 2.
Kantor, Irving, Brooklyn, N. Y. Market bag. 2,565,132, Aug. 21.
Kantor, Israel, New York, N. Y. Shoulder pad. 2,538,646, Jan. 16.
Kantor, James, Chicago, Ill., assignor to Liquid Carbonic Corporation. Spinner brake for beverage mixers. 2,551,011, May 1.
Kantor, James, assignor to The Liquid Carbonic Corporation, Chicago, Ill. Beverage mixing machine. 2,573,339, Oct. 30.
Kantor, James, assignor to The Liquid Carbonic Corporation, Chicago, Ill. Spinner brake for beverage mixing machines. 2,577,726, Dec. 11.
Kantrowitz, Morris S., and E. J. Gosnell, Washington, D. C. Identifying normally invisible markings and composition therefor. 2,538,784, Jan. 23.
Kany, James P., Ramona, Calif. Apparatus for molding plastic aggregate. 2,543,292, Feb. 27.
Kanzenbach, Mildred Y., assignee: *See*—
Morris, Howard I.
Kapit, Aaron and E., Miami, Fla. Broiler unit. 2,542,335, Feb. 20.
Kapit, Evelyn: *See*—
Kapit, Aaron and E.
Kapitza, Peter L., Moscow, Union of Soviet Socialist Republics. Producing liquid air rich in oxygen. 2,548,377, Apr. 10.
Kapitza, Peter L., Moscow, Union of Soviet Socialist Republics. Damping transverse oscillations of high-speed shafts. 2,557,542, June 19.
Kaplan, Benjamin B., assignor to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Counter display carton. 2,571,252, Oct. 16.
Kaplan, Herman, Malverne, N. Y. Folding easel kit. 2,565,078, Aug. 21.
Kaplan, Julius, Springfield, Mass. Combination sleeping bag and blanket. 2,572,490, Oct. 23.
Kaplan, Leo I., Detroit, and G. von Reis, Grosse Pointe, assignors to Detroit Broach Company, Detroit, Mich. Work clamping device. 2,579,675, Dec. 25.
Kaplan, Michael L., assignor, by mesne assignments, to Sightmaster Corp., New Rochelle, N. Y. Light filter for black and white and color television receivers. 2,567,713, Sept. 11.
Kaplan, Michael L., assignor, by mesne assignments, to Sightmaster Corp., New Rochelle, N. Y. Cathode-ray tube. 2,567,714, Sept. 11.
Kaplan, Murray A., assignor to Bristol Laboratories, Inc., Syracuse, N. Y. Cycloalkylamine salts of penicillin and preparation thereof. 2,565,503, Aug. 28.
Kaplan, Philip: *See*—
Henderson, Harold P., and Kaplan.
Kaplan, Robert, Detroit, Mich. Golf ball cleaner. 2,572,349, Oct. 23.
Kaplan, Ruth, assignee: *See*—
Poli, Glauco.
Kaplowitz, Morris, Brooklyn, N. Y., assignor to Federal Manufacturing & Engineering Corp. Friction drive. 2,540,738, Feb. 6.
Kaplowitz, Morris, Brooklyn, N. Y., assignor to Federal Manufacturing & Engineering Corp. Camera latch. 2,554,333, May 22.
Kappel, John, Chicago, Ill. Plastic mold for ice cream, confections, etc. 2,578,361, Dec. 11.
Kappeler, Hans, assignor to Autophon Aktiengesellschaft, Soleure, Switzerland. Device for inserting corrections in a sequence of recorded intelligence. 2,558,853, July 3.
Kappes, Clarence, Rock Island, Ill. Centrifugal juice extractor. 2,569,813, Oct. 2.
Kapsa, Lumír V., Prague, Czechoslovakia. Air gun loading and firing mechanism. 2,567,643, Sept. 11.
Kapsa, Lumír V., Prague, Czechoslovakia. Spring fed magazine. 2,569,995, Oct. 2.
Kapsch, Peter J., Ozone Park, N. Y. Electrical water heater. 2,554,745, May 29.
Kapteyn, Edwin J.: *See*—
Ihle, Orden E., and Kapteyn.
Karam, Philip J., Ottawa, Ontario, Canada. Collapsible box. 2,565,236, Aug. 21.
Karas, Anthony T., East Chicago, Ind. Cleaning apparatus. 2,552,282, May 8.
Karas, Frank S., Stamford, Conn. Carpet edge fastening strip. 2,554,674, May 29.
Karby, Kenneth K., Cranford, N. J., assignor to Standard Oil Development Company. Process and catalyst for reforming hydrocarbons. 2,556,280, June 12.
Kardhordo, Eugen, Bratislava, assignor of one-half to Sigma Pumps, National Corporation, Olomouc, Czechoslovakia. Roller skates. 2,570,349, Oct. 9.
Kardorff, Leon, Jackson Heights, assignor to Automatic Injection Machines Corp., New York, N. Y. Thermoplastic injection molding apparatus. 2,569,174, Sept. 25.
Kardos, Gene, New York, N. Y. Imitation cigar. 2,545,851, Mar. 20.
Karel, Leonard, Silver Spring, and B. Witten, Baltimore, Md. Rodenticide comprising fluoroacetphenylhydrazide. 2,572,867, Oct. 30.
Karels, Amanda O., Young America, Minn. Diaper. 2,548,162, Apr. 10.
Karey, Romuald: *See*—
Hackethal, Paul F., and Karey.
Kargl, Gilard, San Antonio, Tex. Bed and cylinder press for super-posed impressions. 2,577,016, Dec. 4.
Kargol, Adolph, Hamilton, Ontario, Canada. Tongs for handling building blocks. 2,578,072, Dec. 11.
Karig, Horace E., Pasadena, Calif. Apparatus for measuring jet reaction of a nozzle. 2,538,785, Jan. 23.
Karjala, Sulo A., Decatur, assignor to Central Soya Company, Inc., Fort Wayne, Ind. Phosphatide composition. 2,555,137, May 29.
Karjala, Sulo A., and F. W. Riley, Decatur, assignors to Central Soya Company, Inc., Fort Wayne, Ind. Preparation of phosphatides. 2,555,972, June 5.
Karl, John W., administrator: *See*—
Karl, William D.
Karl, Josef S., Athens, Ga. Yarn carrier for knitting machines. 2,574,041, Nov. 6.
Karl, William D., deceased, Easton, Mo.; J. W. Karl, administrator. Side dump for grain wagons. 2,573,714, Nov. 6.
Karle, John D., Roselle Park, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Surgical sawing instrument. 2,547,707, Apr. 3.
Karlen, Harvey R., assignor to Cory Corporation, Chicago, Ill. Beverage brewer. 2,554,367, May 22.
Karlen, Harvey R., assignor to Cory Corporation, Chicago, Ill. Beverage brewer. 2,558,521, June 26.
Karlen, Hermann: *See*—
Colombu, Eugène, and Karlen.
Karlson, Karl R., Evanston, Pa., and C. E. Peterson, Finesville, N. J., assignors to Riegel Paper Corporation, New York, N. Y. Manufacture of glassine paper. 2,566,130, Aug. 28.
Karlson, Rodney, Girard, Ohio. Portable shower bath. 2,544,092, Mar. 6.
Karlsson, Elof K.: *See*—
Hyman, Benjamin M., and Karlsson.
Karlsson, Elof K., Moline, Ill., assignor to International Harvester Company. Ribbed corn snapping roll with rubber inserts. 2,569,175, Sept. 25.
Karlsson, Elof K., Moline, Ill., and R. L. Sutton, Davenport, Iowa, assignors to International Harvester Company. Hitch for joining harvester and a wagon to a tractor. 2,544,925, Mar. 13.
Karlsson, Elof K., and J. L. Aasland, Moline, Ill., assignors to International Harvester Company. Deflector for wagon elevators. 2,577,331, Dec. 4.
Karlsson, Per H.: *See*—
Holm, Sven, and Karlsson.
Karlström, Johan F. R., assignor to Aktiebolaget Elektrolux, Stockholm, Sweden. Device for sharpening cutlery. 2,567,941, Sept. 18.
Karmas, George, Somerville, N. J., assignor to Ortho Pharmaceutical Corporation. Catalytic dehydration process. 2,574,484, Nov. 13.
Karmen, Bernardo H., Chatsworth, Calif.; O. T. Gilbank, trustee in bankruptcy of said B. H. Karmen, assignor to A. Getz. Treating onions. 2,541,701, Feb. 13.
Karnemaat, Albert: *See*—
Lang, Charles E., Karnemaat, and Jansma.
Karnuth, Richard E.: *See*—
Taylor, Paul H., and Karnuth.
Karow, Julius E. W., Milwaukee, Wis. Raincoat for mailmen. 2,540,448, Feb. 6.

Karp, Edward C., Belvidere, Ill. Computing spring scale. 2,565,431, Aug. 21.
Karp, Martin E., Kew Gardens, N. Y., assignor, by mesne assignments, to National Pneumatic Co., Inc., Boston, Mass. Door operation and control. 2,564,067, Aug. 14.
Karp, Zeev, A. Yaaqov, and M. Koffler, Tel Aviv, Palestine, said Karp assignor to said Koffler. Fruit juice extractor. 2,574,922, Nov. 13.
Karpen, Harry S., assignor to S. Karpen & Bros., Chicago, Ill. Spring and cushion structure. 2,556,924, June 12.
Karpen, S., & Bros., assignee: *See*—
Edwards, Robert L.
Karpen, Harry S.
Karplus, Eduard, Belmont, assignor to General Radio Company, Cambridge, Mass. Ultrahigh-frequency tuning apparatus. 2,578,429, Dec. 11.
Karpoff, Alex D., assignee: *See*—
Moore, Harvey G.
Karr, Alfred D.: *See*—
Gattiker, Albert F., Jr., and Karr.
Karr, Alfred D., Newark, N. J., assignor to Ingersoll-Rand Company, New York, N. Y. Multistage deaerating and reheating hot well for steam condensers. 2,542,873, Feb. 20.
Karr, Clinton P., Seattle, Wash., assignor to Friden Calculating Machine Co., Inc. Value indexing mechanism. 2,570,456, Oct. 9.
Karr, Harry E., assignee: *See*—
Harding, Hiram R.
Karr, Michael J.: *See*—
Van Dam, Walter L., and Karr.
Karr, Philip L.: *See*—
Case, Percival H., Karr, and Koeber.
Karr, Philip L., Chicago, Ill., assignor to Illinois Watch Case Co. Film projector. 2,550,272, Apr. 24.
Karrer, Friedrich W. J., and H. Du Rietz, Stockholm, Sweden. Drying granular, thread, and fibrous materials. 2,567,940, Sept. 18.
Karrer, Josef and W., Zurich, assignors to Ateliers de Construction Oerlikon, Zurich-Oerlikon, Switzerland. Steam plant for servicing power and delivering industrial steam. 2,539,255, Jan. 23.
Karrer, Sebastian: *See*—
Betz, Paul L., and Karrer.
Karrer, Werner: *See*—
Karrer, Josef and W.
Karstedt, Elmer C., Burlington, Wis. Hen's nest. 2,578,935, Dec. 18.
Karsted, Jessie W.: *See*—
Brandt, Carl S., and Karsted.
Karstens, Walter F.: *See*—
Vidrick, Thomas J., and Karstens.
Karstrom, Paul L., Co., assignee: *See*—
Haugen, Louis M.
Kartaschoff, Valentin, assignor to Sandoz Limited, Basel, Switzerland. Condensation products of naphthoquinone imines and making same. 2,553,046, May 15.
Kartaschoff, Valentin, assignor to Sandoz Limited, Basel, Switzerland. Water-soluble dyestuffs of the naphthoquinone-imine series and making same. 2,553,047, May 15.
Kartaschoff, Valentin, assignor to Sandoz A. G., Basel, Switzerland. Halogenated naphthoquinone imides and making same. 2,553,048, May 15.
Kartaschoff, Valentin, and E. Merian, assignors to Sandoz Limited, Basel, Switzerland. Halogenated derivatives of the naphthoquinone-imine series and their manufacture. 2,538,005, Jan. 16.
Kartaschoff, Valentin, and E. Merian, assignors to Sandoz, A. G., Basel, Switzerland. Condensation products of the naphthoquinone-imine series. 2,553,049, May 15.
Kartaschoff, Valentine, and E. Merian, assignors to Sandoz, A. G., Basel, Switzerland. Condensation products of the naphthoquinone-imine series. 2,553,050, May 15.
Kartaschoff, Valentin, and E. Merian, assignors to Sandoz A. G., Basel, Switzerland. Halogenated derivatives of the naphtho-quinone-imine series and making same. 2,555,973, June 5.
Kartridg-Pak Machine Co., assignee: *See*—
Grey, Victor A.
Kartsonis, Paul L., Kansas City, Mo., and J. A. Austin, Mission, Kans., assignors to Jensen-Salesbery Laboratories, Inc., Kansas City, Mo. Phenylstibonic acid salts of arecoline. 2,557,353, June 19.
Karweit, John W., Skokie, Ill., assignor, by mesne assignments, to Ex-Cell-O Corporation, Detroit, Mich. Driller. 2,562,040, July 24.
Kascher, Henry M.: *See*—
Shantz, Edgar M., Robeson, and Kascher.
Käser, Albert, assignor to Landis & Gyr, A. G., Zug, Switzerland. Electric snap switch. 2,540,336, Feb. 6.
Käser, Albert, assignor to Landis & Gyr, A. G., Zug, Switzerland. Temperature controlled electric switch. 2,540,337, Feb. 6.
Kaserman, Hugh E.: *See*—
Giesler, Jean V., and Kaserman.
Kashuba, Theodore H., East Liverpool, Ohio, assignor to T-K Roofing Manufacturing Company, Chester, W. Va. Flexible roofing material. 2,543,695, Feb. 27.
Kasin, Vincent A., Los Angeles, Calif. Salt shaker with guided filing and intercepting baffle. 2,558,442, June 26.
Kasindorf, Ira L.: *See*—
Schmitt, Otto H., Fromm, Fails, and Kasindorf.
Kask Technical Corporation, assignee: *See*—
Kurata, Fred.
Kasler, Harold J., Rockford, Ill. Home moving picture cabinet. 2,543,029, Feb. 27.
Kasman, John C., Chicago, Ill. Coaster. 2,570,954, Oct. 9.
Kasmeyer, John W., Yonkers, N. Y. Fish lure. 2,538,459, Jan. 16.
Kasnowich, Anthony M., Grand Rapids, Mich., assignor to Automatic Instrument Company, Chicago, Ill. Automatic phonograph. 2,545,361, Mar. 13.
Kaspar, Rudolf, Long Island City, N. Y. Wood screen with lock joints. 2,561,206, July 17.
Kasper, Elmer J.: *See*—
Hunter, Robert H., and Kasper.
Kasper Winkler & Co., assignee: *See*—
Schenker, Fritz A., and Ammann.
Kass, Anne E., assignee: *See*—
Hickey, Marie E.
Kass, Peter: *See*—
Moore, Samuel A., and Kass.
Kass, Peter, Great Neck, assignor to Interchemical Corporation, New York, N. Y. Baked goods with cheese flavor. 2,564,763, Aug. 21.
Kass, Peter, and Z. W. Wicks, assignors to Interchemical Corporation, New York, N. Y. Alkyd resins. 2,577,770, Dec. 11.
Kass, Samuel M., Philadelphia, Pa. Coke breaking grill. 2,539,140, Jan. 23.
Kass, Sholom, Perth Amboy, and J. G. Sperling, Asbury Park, N. J., assignors to the United States of America as represented by the Secretary of War. Direct arithmetical reading of target angle values. 2,567,942, Sept. 18.
Kassan, John W.: *See*—
Kassan, Michael, and J. W.
Kassan, Michael, South St. Paul, and J. W. Kassan, St. Paul, Minn. Cooking apparatus for waffles and the like. 2,571,891, Oct. 16.
Kassel, Art, Van Nuys, Calif. Portable dispensing device. 2,558,181, June 26.
Kassel, Louis S., assignor to Universal Oil Products Company, Chicago, Ill. Regenerating a moving catalyst. 2,537,272, Jan. 9.
Kassel, Louis S., Riverside, assignor to Universal Oil Products Company, Chicago, Ill. Controlling exothermic gas reactions. 2,566,337, Sept. 4.
Kassel, Louis S., Riverside, assignor to Universal Oil Products Company, Chicago, Ill. Three-stage catalytic process for the reforming of gasoline. 2,573,149, Oct. 30.
Kassel, Morris B., New York, N. Y. Sanitary comb. 2,562,465, July 31.
Kasselmann, George J.: *See*—
Siekmann, Harold J., and Kasselmann.
Kassner, Ernst E. W., Montana-Vermala-P/Sierre, assignor to Vibranic Ltd., Glaris, Switzerland. Device for producing infrared rays. 2,558,568, June 26.
Kasson, Lester: *See*—
Torrey, John E., and Kasson.
Kassuba, Paul, Detroit, Mich. Ball. 2,546,896, Mar. 27.
Kastel, Ferdinand, Baltimore, Md., assignor to Owens-Illinois Glass Company. Machine for forming tubular bodies from sheet material. 2,540,000, Jan. 30.
Kastelic, Leonard J., Cleveland, assignor to N. M. Gottschalt, Euclid, Ohio. Broach. 2,562,668, July 31.
Kasten, Walter, Detroit, Mich., assignor to Bendix Aviation Corporation, South Bend, Ind. Filter. 2,562,361, July 31.
Kastner, Edward C., assignor to Akron Standard Mold Company, Akron, Ohio. Servicing machine for building tires. 2,558,903, July 3.
Kastner, Marcel: *See*—
De Rohden, Charles, Kastner, and Paquet.
Kaswell, Ernest R., assignor to Fabric Research Laboratories, Inc., Boston, Mass. Stripping color from dyed wool. 2,549,099, Apr. 17.
Katcher, Morris, New York, N. Y. Variable discharge fuel pump. 2,553,321, May 15.
Katcher, Morris, New York, N. Y. Check valve. 2,569,176, Sept. 25.
Katcher, Morris, New York, N. Y. Universal combination fuel and vacuum pump. 2,570,560, Oct. 9.
Kath, Alma A., Norwood Park, Ill. Combination bowler's and traveling bag. 2,571,892, Oct. 16.
Katkowsky, Isadore: *See*—
Adler, Max, Katkowsky, K., and I.
Katsetos, Christos M., Cincinnati, Ohio, assignor to The Ohio Advertising Display Company. Electrical display sign. 2,569,130, Sept. 25.
Kattermann, Emil D., assignor to Swiss Knitting Company, Dover, N. J. Elastic foundation garment. 2,555,974, June 5.
Katz, Benne, and J. Schwartzberg, Brooklyn, N. Y. Fire retardant door. 2,549,205, Apr. 17.
Katz, Harry, Brooklyn, N. Y. Pipe adapting device. 2,536,552, Jan. 2.
Katz, Isak, assignee: *See*—
Rooney, James J.
Katz, Joseph J.: *See*—
Hoekstra, Henry R., and Katz.
Katz, Maurice, Coulouse, France. Retractable shock absorber, particularly for aircraft landing gears. 2,559,967, July 10.

Katz, Maurice, Neuilly-sur-Seine, France. Hydraulic device for damping oscillations for spring suspensions of vehicles and the like. 2,559,632, July 10.
Katz, Maurice, Neuilly-sur-Seine, France. Hydraulic device for damping oscillations for spring suspensions of vehicles and the like. 2,559,633, July 10.
Katz, Maurice, Neuilly-sur-Seine, France. Shock absorbing device for vehicles. 2,559,968, July 10.
Katz, Maurice, Toulouse, France. Shock absorber. 2,539,841, Jan. 30.
Katz, Maurice, Toulouse, France. Shock absorber. 2,539,842, Jan. 30.
Katz, Murray: *See*—
Schmorr, Arthur, and Katz.
Katz, Robert A., Brooklyn, N. Y. Receptacle for automobile trunk compartments. 2,541,702, Feb. 13.
Katz, Russell S.: *See*—
Musch, William F., and Katz.
Katz, Samuel, Bronx, N. Y. Separable slip. 2,575,918, Nov. 20.
Katz, Saul L., Rochester, N. H. Laminated insole for welt shoes. 2,548,266, Apr. 10.
Kauch, Robert, Alexandria, Va. Gas piston operated revolver. 2,560,292, July 10.
Kauck, Edward A.: *See*—
Diesslin, Albert R., Kauck, and Simons.
Kauer, Kenneth C.: *See*—
Alquist, Francis N., Wasco, and Kauer.
Kauer, Kenneth C., F. N. Alquist, and E. C. Britton, assignors to The Dow Chemical Company, Midland, Mich. Making benzene hexachloride. 2,552,562, May 15.
Kauffman, Albert J., New York, N. Y., assignor to Sanitary Scale Company. Weighing scale. 2,541,365, Feb. 13.
Kauffman, Edmund J., Sr., Girard, assignor to Valley Mould and Iron Corporation, Hubbard, Ohio. Ingot and mold for making the same. 2,545,925, Mar. 20.
Kauffman, Floyd L.: *See*—
Koonz, Carl H., and Kauffman.
Kauffman, Harry F., Jr., Urbana, Ill., assignor to Allied Chemical & Dye Corporation, New York, N. Y. Production of vinyl pyridine compounds. 2,556,845, June 12.
Kauffman, Walter L., II, assignor to Lovell Manufacturing Company, Erie, Pa. Drier. 2,543,579, Feb. 27.
Kauffman, Walter L., II, assignor to Lovell Manufacturing Company, Erie, Pa. Drier. 2,548,313, Apr. 10.
Kauffman, Walter L., II, assignor to Lovell Manufacturing Company, Erie, Pa. Clothes drier. 2,550,118, Apr. 24.
Kaufman, Adolph G., Washington, D. C. Valve locking mechanism. 2,541,073, Feb. 13.
Kaufman, Daniel, New Haven, Conn. Filling plug for oil tanks or the like. 2,545,233, Mar. 13.
Kaufman, Daniel, assignor, by mesne assignments, to The Oil Equipment Manufacturing Corporation, New Haven, Conn. Sheet metal furnace baffle. 2,548,312, Apr. 10.
Kaufman, H. J., Detroit, Mich. Apparatus for dehydrating air. 2,579,830, Dec. 25.
Kaufman, Harry C., Strasburg, Pa. Fishing reel. 2,537,590. Jan. 9.
Kaufman, Harry S., San Diego, Calif. Coin operated electric iron. 2,572,350, Oct. 23.
Kaufman, Henry D., Los Angeles, Calif., now by judicial change of name H. K. De Lancey. Hydraulic pump and motor door operating mechanism. 2,579,742, Dec. 25.
Kaufman, Max, assignee: *See*—
Mosberg, Abraham.
Kaufman, Samuel M., assignee: *See*—
Ziska, Adam.
Kaufmann Corporation, The, assignee: *See*—
Kaufmann, Harry A.
Kaufmann, Dale W., Buffalo, N. Y., assignor to International Salt Company, Inc., Scranton, Pa. Brine producing and filtering apparatus. 2,551,494, May 1.
Kaufmann, Emma W., Toronto, Ontario, Canada. Coffee maker. 2,543,528, Feb. 27.
Kaufmann, Frank H., Huntingdon Valley, assignor to Steel Heddle Manufacturing Company, Philadelphia, Pa. Loom harness. 2,570,815, Oct. 9.
Kaufmann, Harry A., assignor to The Kaufmann Corporation, Detroit, Mich. Handle structure for screen sashes. 2,548,163, Apr. 10.
Kaufmann, John J., Jr., Greenville, S. C., assignor to Steel Heddle Manufacturing Company, Philadelphia, Pa. Loom shuttle. 2,537,140, Jan. 9.
Kaufmann, John J., Elkins Park, assignor to Steel Heddle Manufacturing Company, Philadelphia, Pa. Heddle. 2,552,487, May 8.
Kaufmann, John J., Elkins Park, assignor to Steel Heddle Manufacturing Company, Philadelphia, Pa. Loom harness. 2,560,512, July 10.
Kaufmann, John J., Jr., Greenville, S. C., assignor to Steel Heddle Manufacturing Company, Philadelphia, Pa. Loom shuttle. 2,545,427, Mar. 13.
Kaufmann, John J., Jr., Greenville, S. C., assignor to Steel Heddle Manufacturing Company, Philadelphia, Pa. Loom shuttle. 2,573,666, Oct. 30.
Kaufmann, Melville, Los Angeles, Calif. Ramp heel. 2,540,449. Feb. 6.
Kaufmann, Stephen: *See*—
Rosenkranz, George, and Kaufmann.
Kaufmann, Stephen, and G. Rosenkranz, assignors to Syntex, S. A., Mexico City, Mexico. Reduction of estrone esters to alpha estradiol. 2,555,344, June 5.
Kaukauna Machine Corporation, assignee: *See*—
Hosea, Everett E.
Kaul, Emil W., assignor to Textile Machine Works, Wyomissing, Pa. Yarn guide for full-fashioned knitting machines. 2,570,388, Oct. 9.
Kaumagraph Company, assignee: *See*—
Marston, Trowbridge, and Lawrence.
Kaupert, Joseph, Chicago, Ill. Turn signaling switch for motor vehicles. 2,556,427, June 12.
Kaupin, William B.: *See*—
Dalton, John N., and Kaupin.
Kaupp, William O.: *See*—
Whyzmuzis, Paul J., and Kaupp.
Kausch, Fredrick, Jersey City, N. J. Filter apparatus. 2,575,876, Nov. 20.
Kausch, Walter O., Detroit, Mich. Artificial breast. 2,543,499, Feb. 27.
Kausti, Alexander, Los Angeles, Calif. Combination micrometer. 2,576,606, Nov. 27.
Kaut, William, Jr., L. F. Lauman, and F. J. Winter, Jr., Dixon, Mo. Infant's shoe. 2,550,484, Apr. 24.
Kautenberg, William E., Freeport, Ill. Fishing tackle. 2,562,383, July 31.
Kautzmann, George L., Irvington, and F. Griffith, Denville, assignors to Public Service Coordinated Transport, Newark, N. J. Fare box coin unit. 2,575,817, Nov. 20.
Kautzmann, Harry L., Ozone Park, and J. A. Berardi, assignors to Nu-Craft Products Co., Brooklyn, N. Y. Built-up letter tray. 2,575,919, Nov. 20.
Kavalar, Alfred, Detroit, Mich. One-way engaging wrench having guided work-engaging rollers. 2,550,010, Apr. 24.
Kavanagh, Frederick W., New York, N. Y. Apparatus for counting bacterial colonies. 2,548,478, Apr. 10.
Kavanagh, James O., South Norwalk, assignor to Sputterless Pan Company, Norwalk, Conn. Cooking utensil. 2,554,412, May 22.
Kaveler, Herman H., Bartlesville, Okla., assignor to Phillips Petroleum Company. Emulsion drilling mud. 2,578,888, Dec. 18.
Kaveny, John G., Montclair, N. J. Gun type oil burner apparatus with air throttling and whirling means. 2,538,460, Jan. 16.
Kaveny, John G., Montclair, N. J. Polishing or lapping machine. 2,538,461, Jan. 16.
Kawecki Chemical Company, assignee: *See*—
Kawecki, Henry C.
Kawecki, Henry C., Fleetwood, assignor to Kawecki Chemical Company, Boyertown, Pa. Production of potassium titanium fluoride. 2,577,130. Dec. 4.
Kawecki, Henry C., Fleetwood, and E. J. Bielecki, Muhlenburg Township, Berks County, assignors to The Beryllium Corporation, Reading, Pa. Production of potassium titanium fluoride. 2,568,341, Sept. 18.
Kawneer Company, The, assignee: *See*—
Cole, Ralph M.
Toney, Henry W.
Kay, Arthur, deceased: *See*—
Macbeth, Colin.
Kay-Brunner Steel Products, Inc., assignee: *See*—
Kadz, Harold D.
Kay, Charles M.: *See*—
Barnes, Fred H., Kay, and Oakes.
Kay, Frank, Lytham, England. Pipe coupling. 2,566,769, Sept. 4.
Kay, Ignatius, assignor to The Wellman Smith Owen Engineering Corporation Limited, London, England. Level luffing jib crane. 2,579,262, Dec. 18.
Kay, Inc., assignee: *See*—
Ross, Harry L.
Kay, James A., assignor to Rose Brothers (Gainsborough) Limited, Gainsborough, England. Article controlled adjustment for packaging apparatus. 2,550,928, May 1.
Kay, Leah A., Amarillo, Tex. Bedding. 2,567,072. Sept. 4.
Kay, Leopold M., New York, assignor to Air King Products Co., Inc., Brooklyn, N. Y. Apparatus for canceling stray field effects in magnetic recorders. 2,536,132. Jan. 2.
Kay, Leopold M., New York, assignor to Air King Products Co. Inc., Brooklyn, N. Y. Combination radio-wire recorder. 2,572,157, Oct. 23.
Kay, Stanley W.: *See*—
Murphy, Frank L., Haman, and Kay.
Kay, Wallace G., Grosse Pointe Park, Mich. Soil fumigant capsule. 2,543,580, Feb. 27.
Kaye, John W., San Antonio, Tex. Shock absorbing wheel. 2,564,905, Aug. 21.
Kaye, Maxwell M., Newark, N. J. Spectacles with perfume dispenser. 2,568,919, Sept. 25.
Kaye, Philip de B.: *See*—
Klepetko, Ernest, and Kaye.
Kaye Plastics Corporation, assignee: *See*—
Boxer, Fred.
Kayler, Frank H., Alliance, Ohio, assignor to American Steel Foundries, Chicago, Ill. Coupler. 2,548,479, Apr. 10.
Kaylon Incorporated, assignee: *See*—
Berger, Harry.
Kaylor, Jack D.: *See*—
King, Lilbern S., and Kaylor.
Kayman, Barnett, assignee: *See*—
Fusco, Mario S.

Kayman, David, assignee: *See*—
Fusco, Mario S.
Kayman, Joseph, assignee: *See*—
Fusco, Mario S.
Kayser, Henry S.: *See*—
Holstebroe, Kaye, Ardell, and Kayser.
Kayser, Julius, & Co., assignee: *See*—
Guild, Lurelle, and Boadwee.
Kayser, William G., Jr.: *See*—
Spillane, Leo J., and Kayser.
Kayware Corporation, assignee: *See*—
Detzel, Jacob J.
Kazlauskas, Anthony, deceased; B. R. Pietkiewicz, administrator, assignor, by mesne assignments, to A. Ziblis, Chicago, Ill. Boiler. 2,554,861, May 29.
K'Burg, Robert T., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Method of and liquid composition for cleaning electrically insulated articles. 2,541,703, Feb. 13.
Kean, George W., Hartford, Conn. Collet chuck. 2,567,605, Sept. 11.
Kear, Allen T., Goodland, Kans. Rotary snowplow. 2,545,470, Mar. 20.
Kearby, Kenneth K.: *See*—
Black, James F., and Kearby.
Kirshenbaum, Isidor, and Kearby.
Kearby, Kenneth K., Cranford, N. J., assignor to Standard Oil Development Company. Subdividing solid particles. 2,568,400, Sept. 18.
Kearney, James R., Corporation, assignee: *See*—
Crump, Lindell L., and Fox.
Fey, Harry J.
Fox, Charles A.
Holke, Eugene E.
Hrach, William.
Mebold, Frederick W.
Van Auken, Milo E.
Kearney, Thomas J., assignor to Detrex Corporation, Detroit, Mich. Degreasing machine. 2,571,581, Oct. 16.
Kearney, Thomas J., assignor to Detrex Corporation, Detroit, Mich. Work carrier for conveyors. 2,575,278, Nov. 13.
Kearney & Trecker Corporation, assignee: *See*—
Andrew, William K., Ford, and Just.
Andrew, William K., and Fotsch.
Armitage, Joseph B.
Armitage, Joseph B., and Barker.
Armitage, Joseph B., Lukey, Riedel, and Boehmer.
Armitage, Joseph B., and Schmidt.
Thomas, Albert G.
Kearns, Albert G., White Haven, Pa. Power transmission and conveyer line. 2,547,581, Apr. 3.
Kearns, H. W., & Co. Limited, assignee: *See*—
Kearns, Henry W. L.
Kearns, Henry, Pasadena, Calif., assignor, by mesne assignments, to Shellmar Products Corporation, Mount Vernon, Ohio. Blind rivet. 2,542,144, Feb. 20.
Kearns, Henry W. L., Altrincham, assignor to H. W. Kearns & Co. Limited, Broadheath, England. Optical projector indicator for horizontal boring machines. 2,564,068, Aug. 14.
Keasbey and Mattison Company, assignee: *See*—
Anderson, Harvey R.
Miller, Lewis B.
Keating, George W., Jr., assignor to Durand Metal Products Corporation, Saginaw, Mich. Molding for laundry tubs. 2,539,141, Jan. 23.
Keating, Herbert J., Pasadena, assignor to Cherry Rivet Company, Los Angeles, Calif. Rivet assembly. 2,538,623, Jan. 16.
Keating, Herbert J., Pasadena, assignor to Cherry Rivet Company, Los Angeles, Calif. Rivet with self-locking mandrel. 2,546,602, Mar. 27.
Keating, John H., assignor to Monarch Aluminum Mfg. Company, Cleveland, Ohio. Pouring castings. 2,572,037, Oct. 23.
Keaton, Clark M., and D. B. Redfern, assignors to American-Marietta Company, Adhesive, Resin and Chemical Division, Seattle, Wash. Making an adhesive comprising coacting resins and bonding bondable members utilizing said coacting resins. 2,557,826, June 19.
Kechring Company, assignee: *See*—
Lichtenberg, Erich H.
Keck, Howard, assignee: *See*—
Meier, George.
Keck, Ray L.: *See*—
Sammis, Louis B., and Keck.
Keckley, Harold M., Dayton, assignor to W. O. Ballard, Toledo, Ohio. Foot-operated switch. 2,560,873, July 17.
Keckley, Harold M., Dayton, assignor to W. O. Ballard, Toledo, Ohio. Control device for dental engines and the like. 2,561,668, July 24.
Keckley, Harold M., Findlay, assignor to W. O. Ballard, Toledo, Ohio. Control means for dental engines and the like. 2,561,663, July 24.
Keckley, Harold M., Findlay, assignor to W. O. Ballard, Toledo, Ohio. Control means for dental engines and the like. 2,561,664, July 24.
Keddie, James E., London, England, assignor to The Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Diaphragm manufacture. 2,540,450, Feb. 6.
Keebler, William C., Washington, D. C. Vise and angle sine plate. 2,567,517, Sept. 11.
Keech, Horace, and N. J. Poux, Meadville, Pa., assignor to Talon, Inc. Slider for slide fasteners. 2,563,246, Aug. 7.
Keef, Dennis W., and R. C. Borger, Portland, Oreg., said Borger assignor to said Keef. Tension measuring instrument. 2,565,970, Aug. 28.
Keefe, Arthur, assignor of twenty-four and one-half per cent to R. B., and twenty-four and one-half per cent to R. J. Romweber, Akron, Ohio. Pneumatic tire. 2,563,787, Aug. 7.
Keefe, Arthur, assignor of twenty-four and one-half per cent to R. B., and twenty-four and one-half per cent to R. J. Romweber, Akron, Ohio. Tubeless pneumatic tire. 2,563,788, Aug. 7.
Keefe, Ida K.: *See*—
Keefe, Michael E., Jr., and I. K.
Keefe, Lincoln M., Brooklyn, N. Y., assignor, by mesne assignments, to Stewart Products Corporation. Coin controlled mechanism. 2,542,034, Feb. 20.
Keefe, Michael E., Jr., and I. K., assignors to International Extinguisher Corporation, Atlanta, Ga. Dry powder fire-extinguisher apparatus. 2,559,634, July 10.
Keefe, Oscar A., Lincoln Park, N. J. Variable transformer. 2,569,675, Oct. 2.
Keefer, Charles R., Baltimore, Md. Holder and dispenser for collapsible tubes. 2,542,678, Feb. 20.
Keefer, Leonard O., Spokane, Wash. Electrical control for water distributors. 2,538,315, Jan. 16.
Keefer, William H., Baltimore, Md. Direct-indirect fluorescent luminaire. 2,555,089, May 29.
Keegan, James B., Santa Rosa, Calif. Folding fish gaff. 2,570,688, Oct. 9.
Keel, Adolf: *See*—
Gardiner, Duncan B., Klessig, and Keel.
Keelavite Company Limited, The, assignee: *See*—
Levetus, Francis B., and Chittenden.
Keelen, Festus A., Zwolle, La. Rowboat safety pontoon. 2,544,599, Mar. 6.
Keeler Brass Company, assignee: *See*—
Clark, Earle W.
Jakeway, Gerald V.
Keeler, Isaac S., and Jakeway.
Keeler-Cochrane Heel Co., assignee: *See*—
Lavin, Justin P.
Keeler, Herbert F.: *See*—
Newcomb, Ralph V., and Keeler.
Keeler, Isaac S., and G. V. Jakeway, assignors to Keeler Brass Company, Grand Rapids, Mich. Handle. 2,567,565, Sept. 11.
Keeler, Raymond W., assignor to Carter Machine Company, Inc., Galion, Ohio. Loader mechanism for tractors. 2,538,102, Jan. 16.
Keeler, Robert L., Chicago, Ill. Artificial fish bait. 2,561,515, July 24.
Keeley, Armand E., Huntingdon, Pa., assignor to Prismo Products, Inc., Dayton, Ohio. Making reflecting signs by laminating. 2,568,126, Sept. 18.
Keeley, Armand E., and R. W. Wilson, Huntingdon, Pa., assignors to Prismo Products, Inc., Dayton, Ohio. Apparatus for applying pellets to the surface of an article. 2,539,084, Jan. 23.
Keeling, Wilmer B., Meherrin, Va. Instrument for treating the male urethra. 2,547,758, Apr. 3.
Keely, Clifford D., West Englewood, N. J. Car washer. 2,543,975, Mar. 6.
Keen, Frank L., Llandaff, near Cardiff, Wales. Torque wrench with overload release means. 2,556,587, June 12.
Keen, Harold H., Letchworth, England, assignor to International Business Machines Corporation, New York, N. Y. Record sensing device. 2,566,942, Sept. 4.
Keen, William E.: *See*—
Craig, Helen C., and Keen.
Keenan, Ella, assignee: *See*—
Schumann, Martin L.
Keenan, Vincent J., Ardmore, Pa., assignor to United States Rubber Company, New York, N. Y. Oxidation of drying and semidrying oils. 2,555,976, June 5.
Keene, Archibald T., deceased, Southgate, Calif.; E. L. Keene, administratrix of said A. T. Keene. Waste or garbage disposal apparatus. 2,560,578, July 17.
Keene, Cecil R., St. Louis, Mo. Combination micrometer caliper and dial gauge. 2,556,761, June 12.
Keene, Enid L., administratrix: *See*—
Keene, Archibald T.
Keene, Harry E., Lemoyne, Pa. Canopy. 2,558,362, June 26.
Keene, Paul A.: *See*—
Farrell, James K., and Keene.
Keene, Samuel I., assignee: *See*—
Gartner, John H.
Keene, Shefford L., and R. T. Palmer, Hampton, Va. Operating attachment for folding fans. 2,542,199, Feb. 20.
Keeney, Edward W., Sr., Westfield, Mass. Fisherman's net. 2,544,926, Mar. 13.
Keeney, Vaderon E., Marcola, Oreg. Flight attachment for chain conveyers. 2,571,724, Oct. 16.
Keenline Equipment Corporation, assignee: *See*—
Domack, Stanley A.
Domack, Stanley A., and Rutkowski.
Sissler, Donald L.

Keep, Edward C. and E. L., assignors of one-fourth to J. C. Janney, Richmond, Calif. Wild duck decoy. 2,546,189, Mar. 27.
Keep, Eleanor L.: *See*—
Keep, Edward C. and E. L.
Keep, Otto A.: *See*—
Edwards, Martin A., and Keep
Keese, Beverly W., Oshkosh, Wis., assignor to The Timken-Detroit Axle Company, Detroit, Mich. Motor vehicle driving mechanism. 2,537,060, Jan. 9.
Keese, Beverly W., Oshkosh, Wis., assignor to The Timken-Detroit Axle Company, Detroit, Mich. Motor vehicle driving mechanism. 2,556,194, June 12.
Keeseal Pty. Limited, assignee: *See*—
Larymore, William.
Keesee, George W.: *See*—
Thrower, Herbert T., and Keesee.
Keeshan, William T., Navesink, N. J. Fountain applicator and dispenser with magnetic valve. 2,570,955, Oct. 9.
Keesling, C. H., assignee: *See*—
Keesling, Thomas B.
Keesling, Thomas B.: *See*—
Gurries, Albert G., and Keesling.
Keesling, Thomas B., assignor of one-half to C. H. Keesling, San Jose, Calif. Drive attachment for tools. 2,566,211, Aug. 28.
Keever, Edward R.: *See*—
Galstaun, Lionel S., and Keever.
Keever Starch Company, The, assignee: *See*—
Gaver, Kenneth M., Lasure, and Thomas.
Thomas, Levi M.
Keevil, Henry W.: *See*—
Barnes, Walter C., and Keevil.
Kegan, Albert I., assignee: *See*—
Ajero, Fortunato S.
Dalrymple, Wayne W.
Kegel, Arnold H., Los Angeles, Calif. Method and apparatus to indicate or observe progressive exercise of injured sphincter muscles. 2,541,520, Feb. 13.
Kegley, Charles P., Pulaski, Va. Window blind. 2,549,314, Apr. 17.
Kegley, Charles P., Pulaski, Va. Mechanical device to secure window pane in a window sash. 2,564,481, Aug. 14.
Kégresse, Adolphe, deceased, Le Colifichet-Croissy, France, by A. V. Kégresse, administrator, Paris, France. Change-speed transmission. 2,543,412, Feb. 27.
Kégresse, Adolphe V., administrator: *See*—
Kégresse, Adolphe.
Kehle, Ottmar A., Van Nuys, Calif., assignor to General Metals Corporation. Control device. 2,542,145, Feb. 20.
Kehoe, Arthur H., Rutherford, N. J., assignor to Consolidated Edison Company of New York, Inc., New York, N. Y. Air-conditioning apparatus. 2,559,217, July 3.
Kehoe, Ellsworth A., and T. R. Burr, Rochester, N. Y., assignors to General Motors Corporation, Detroit, Mich. Plastic cap making apparatus. 2,550,567, Apr. 24.
Kehoe, James W.: *See*—
Critchfield, Walter O., and Kehoe.
Keight, Albert W., Cumberland, Md., assignor to Celanese Corporation of America. Yarn support. 2,565,562, Aug. 28.
Keight, Albert W., Cumberland, Md., assignor to Celanese Corporation of America. Yarn package support. 2,568,892, Sept. 25.
Keight, Albert W., Cumberland, Md., assignor to Celanese Corporation of America. Yarn winding device. 2,577,131, Dec. 4.
Keight, Albert W., and G. F. Bottorf, Cumberland, Md., assignors to Celanese Corporation of America, New York, N. Y. Mixing apparatus. 2,563,937, Aug. 14.
Keihl, Ernest F. W., Jr., assignor of forty per cent to E. Reimer, Medina, N. Y. Bale tie. 2,549,206, Apr. 17.
Keil, Harry L.: *See*—
Weil, Leopold, Woodward, Howard, and Keil.
Keil, Henry P., assignor to The Fixture Hardware Corporation, Chicago, Ill. Moistening means for duplicating apparatus. 2,572,158, Oct. 23.
Keil, Walter A.: *See*—
Carlson, William A., and Keil.
Keilen, John J., Jr.: *See*—
Pollak, Arthur, and Keilen.
Keilholtz, Gerald W., Lynn, and C. W. Jerome, Marblehead, assignors to Sylvania Electric Products Inc., Salem, Mass. Fluorescent lamp electrode. 2,547,869, Apr. 3.
Keilholtz, Gerald W., Lynn, and M. J. Bergin, Boston, assignors to Sylvania Electric Products Inc., Salem, Mass. Etching tungsten coils. 2,566,615, Sept. 4.
Keilwitz, William L., Idaho Springs, Colo. Fireplace damper. 2,572,491, Oct. 23.
Keim, Charles J., and A. R. Maier, Oil City, Pa., assignors to Oil Well Supply Company. Well-drilling drawworks. 2,544,327, Mar. 6.
Keim, Charles J., Oil City, Pa., A. R. Maier, Dallas, Tex., and A. Quayle, Oil City, Pa., assignors to Oil Well Supply Company. Actuating system for air-brake mechanism. 2,544,997, Mar. 13.
Keim, Donald B., Bridgeport, Conn., assignor to General Electric Company. Cabinet construction. 2,566,064, Aug. 28.
Keinath, G., Larchmont, N. Y., and R. K. Hellman; said Hellmann assignor to Great American Industries, Incorporated, Meriden, Conn. Electronic relay system. 2,566,420, Sept. 4.
Keinath, George, Larchmont, N. Y. Storing and reproducing measured quantities. 2,579,831, Dec. 25.
Keiper, Bert F., Needham, Mass. Cutting tool. 2,571,455, Oct. 16.
Keiper, Edwin H., assignor to Pennsylvania Crusher Company, Philadelphia, Pa. Endless breaker plate structure for crushers. 2,575,057, Nov. 13.
Keiper, Elizabeth P., executrix: *See*—
Schulz, Edward W.
Keiper, Frank, assignee: *See*—
Schulz, Edward W.
Keiper, Phillip C.: *See*—
Santini, Danilo, Keiper, and Esselman.
Keiser, Bernhard: *See*—
De Groote, Melvin, and Keiser.
Keiser, John, Windsor, Colo. Ratcheting stud wrench. 2,550,929, May 1.
Keiser, John, Windsor, Colo. Glaze breaking tool for internal-combustion engines. 2,560,727, July 17.
Keiser, Morris: *See*—
Weinstein, David H., and Keiser.
Keiser, William P., St. Louis, Mo., assignor to Century Electric Company. End play device for dynamoelectric machines. 2,564,307, Aug. 14.
Keith, Arthur R., Oakland, Calif. Book and copyholder. 2,572,731, Oct. 23.
Keith, Clyde R., Maplewood, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Biased film sound recording system. 2,554,147, May 22.
Keith, James F., and D. C. Smith, Jr., West Asheville, assignors to American Enka Corporation, Enka, N. C. Method of and apparatus for leasing. 2,579,322, Dec. 18.
Keith, Kenneth M.: *See*—
Ronning, Martin, and Keith.
Keith, Percival C., Peapack, N. J., assignor to Hydrocarbon Research, Inc., New York, N. Y. Synthesis of hydrocarbons. 2,539,434, Jan. 30.
Keith, Percival C., Peapack, N. J., assignor to Hydrocarbon Research, Inc., New York, N. Y. Hydrocarbon synthesis. 2,558,760, July 3.
Keith, Percival C., Peapack, and E. W. Riblett, Tenafly, N. J., assignors to Hydrocarbon Research, Inc., New York, N. Y. Hydrocarbon synthesis. 2,564,696, Aug. 21.
Keith, Wayland D.: *See*—
Hamner, Paul Z.
Thompson, Fred H., and Keith.
Keithley, Howard W., Jr., Hyattsville, Md. Moisture absorbing means for footwear. 2,565,028, Aug. 21.
Keizer, Eugene O., and V. D. Landon, Princeton, N. J., assignors to Radio Corporation of America. Heterodyne detector circuit. 2,571,041, Oct. 9.
Keklen, Ben, and E. A. Drotning, Seattle, Wash., said Drotning assignor to said Keklen. Sectional field shelter. 2,572,732, Oct. 23.
Kelbel, Donald W.: *See*—
Carnagua, Harold E., and Kelbel.
Kelbel, Donald W., Muncie, Ind., assignor to Borg-Warner Corporation, Chicago, Ill. Multiple synchronizing clutch construction. 2,563,726, Aug. 7.
Kelch, Alfred H., Jr., Chicago, Ill. Purse light with closure operator controlled switch. 2,538,101, Jan. 16.
Keleher, William H., Chicago, Ill., assignor to Merchants Despatch Transportation Corporation and Northern Refrigerator Line, Incorporated. Refrigerator car ice bunker. 2,571,253, Oct. 16.
Kelite Products, Inc., assignee: *See*—
Miller, Dariel E.
Slover, Archy F.
Kelk, George F.: *See*—
Boyd, Winnett, Kelk, and Clarke.
Kell, John F. A., Milwaukee, Wis. Bearing sleeve. 2,539,782, Jan. 30.
Kell, Ray D.: *See*—
Sziklai, George C., and Kell.
Kell, Ray D., Princeton, N. J., assignor to Radio Corporation of America. Color television pickup system. 2,545,957, Mar. 20.
Kell, Ray D., Princeton, N. J., assignor to Radio Corporation of America. Television system. 2,559,078, July 3.
Kell, Ray D., and G. C. Sziklai, Princeton, N. J., assignors to Radio Corporation of America. Simultaneous color television. 2,560,351, July 10.
Kelle, Arthur C., Stoughton, Mass., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Arc transferring means for switchgears. 2,548,220, Apr. 10.
Kelle, Arthur C., Stoughton, Mass., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Fluid pressure actuated switch. 2,548,221, Apr. 10.
Kelleghan, Joseph M., Flint, Mich. Supplemental collapsible table top. 2,555,547, June 5.
Kelleher, Daniel, Berea, assignor to I. Saks, Cleveland, Ohio. Clutch plate hub. 2,561,800, July 24.
Kelleher, Francis W.: *See*—
Dunn, Ruth A., and Kelleher.

Kelleigh, Waldo J., Wayland, assignor to General Control Company, Boston, Mass. Electrical timer. 2,542,085, Feb. 20.
Kellems, Edgar E., assignor to Florence Ceramics Inc., Pasadena, Calif. Ceramic picture holder. 2,540,951, Feb. 6.
Keller, August, and S. B. McLeod, Dearborn, assignors, by mesne assignments, to Detroit Harvester Company, Detroit, Mich. Vane type hydraulic actuator. 2,553,973, May 22.
Keller, August, Dearborn, and J. Votypka, assignors by mesne assignments, to Detroit Harvester Company, Detroit, Michigan. Seat construction. 2,562,041, July 24.
Keller, Curt, Kusnacht, assignor to Aktiengesellschaft Fuer Technische Studien, Zurich, Switzerland. Plant for the production of compressed air. 2,539,744, Jan. 30.
Keller, Curt, Kusnacht, assignor to Aktiengesellschaft Fuer Technische Studien, Zurich, Switzerland. Multiple tube gas heating furnace. 2,544,600, Mar. 6.
Keller, Edward, Forest Hills, N. Y. Nursing brassière. 2,562,669, July 31.
Keller, Edward L., Mount Lebanon, Pa. Lightning protector for watt-hour meters. 2,575,715, Nov. 20.
Keller, Edwin G.: *See*—
Mock, Frank C., and Keller.
Keller, Ernst: *See*—
Keller, Siegfried, and Keller.
Keller, Frank J., assignor to Wean Equipment Corporation, Cleveland, Ohio. Apparatus for coiling and cutting a continuously moving web. 2,539,745, Jan. 30.
Keller, Gregory H., Helena, Ark., assignor of one-half to R. E. McCormack, Albany, Ga. Stick-candy machine. 2,544,502, Mar. 6.
Keller, Herman J., Dunedin, Fla. Treatment of citrus fruit. 2,577,421, Dec. 4.
Keller, John D., Pittsburgh, Pa. Wiping liquid metal coatings. 2,536,186, Jan. 2.
Keller, Joseph A., assignor to Highway Trailer Company, Edgerton, Wis. Shock absorber. 2,556,925, June 12.
Keller, Kaufman T., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Grinding wheel knife sharpening attachment. 2,562,618, July 31.
Keller, Kenneth M., East Cleveland, Ohio. Flexible molding strip. 2,541,768, Feb. 13.
Keller, Nellie G., and W. J. Keller, St. Louis, Mo. Combined shelf and wall protector. 2,580,103, Dec. 25.
Keller, Orville C.: *See*—
Hieger, Robert H., and Keller.
Keller, Oscar: *See*—
Steiger, Norbert, and Keller.
Keller, Robert L., Kalamazoo, Mich. Steamer and warming oven. 2,562,723, July 31.
Keller, Robert T., Grosse Pointe, assignor to Chrysler Corporation, Highland Park, Mich. Manifold structure. 2,571,254, Oct. 16.
Keller, Siegfried, Effretikon, and E. Keller, Zurich, assignors to Machine Tool Works Oerlikon Administration Company, Zurich-Oerlikon, Switzerland. Cartridge for automatic guns. 2,573,451, Oct. 30.
Keller Tool Company, assignee: *See*—
Shaff, Ernest H.
Taylor, John L.
Keller, Wade T.: *See*—
Farrington, Thayer B., Keller, and Dalzell.
Keller, William C., Del Mar, Calif. Periodic siphon metering device for bottles. 2,546,188, Mar. 27.
Keller, William J.: *See*—
Keller, Nellie G., and W. J.
Kellermann, Marcella G., Minneapolis, Minn. Safety light for lanterns. 2,564,980, Aug. 21.
Kellett, William R., Menasha, and L. G. Veler, Neenah, Wis., assignors to International Cellucotton Products Company. Method and apparatus for making an absorption control element. 2,569,765, Oct. 2.
Kelley, Addison W., Conestoga Township, Lancaster County, assignor to Armstrong Cork Company, Lancaster, Pa. Device for sampling fluid materials. 2,564,697, Aug. 21.
Kelley, Bartram, Buffalo, and E. G. Dickinson, Tonawanda, assignors to Bell Aircraft Corporation, Buffalo, N. Y. Helicopter amphibious landing gear. 2,544,794, Mar. 13.
Kelley, Benjamin F., Tulsa, Okla. Pipe aligning device. 2,540,451, Feb. 6.
Kelley, Carl S., Bartlesville, Okla., assignor to Phillips Petroleum Company. Operating an HF alkylation unit. 2,542,927, Feb. 20.
Kelley, Carl S., and S. D. Lawson, Bartlesville, Okla., assignors to Phillips Petroleum Company. Contacting apparatus. 2,539,142, Jan. 23.
Kelley, Cecil S., Forest Hills, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Adjusting apparatus for load compensating brake equipment. 2,540,739, Feb. 6.
Kelley, Cecil S., Forest Hills, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake head and shoe mechanism. 2,553,824, May 22.
Kelley, Floyd C., Schenectady, N. Y., assignor to General Electric Company. Metalizing and bonding nonmetallic bodies. 2,570,248, Oct. 9.
Kelley, George R.: *See*—
Anderson, Eric M., Kelley, and Clifford.
Kelley, James F., and D. E. Shattuck, San Diego, Calif. Type cleaning brush. 2,573,201, Oct. 30.
Kelley, John F.: *See*—
Schieser, Warren J., and Kelley.
Kelley, Joseph W.: *See*—
Little, John W., and Kelley.
Kelley, Kenneth E., Niagara Falls, N. Y. Combined clipboard and flashlight structure. 2,544,688, Mar. 13.
Kelley-Koett Manufacturing Co., The, assignee: *See*—
Feibel, Adolph H., and Greenberg.
Kuhlman, William C.
Sussin, David, and Kuhlman.
Kelley, Maurice J., Bloomfield, assignor to Nopco Chemical Company, Harrison, N. J. Fatty acid alkylolamine condensation and products. 2,540,678, Feb. 6.
Kelley, Robert W., Hartford, assignor to Apparatus Development Company, Wethersfield, Conn. Automatic control for vacuum brewers. 2,539,541, Jan. 30.
Kelley, William D., assignee: *See*—
Petersen, Heinrich A. W.
Kelley Island Lime and Transport Company, The, assignee: *See*—
Dickey, Ralph L., Austin, and Pavlish.
Kellgren, Waldo, West St. Paul, assignor to Minnesota Minning & Manufacturing Company, St. Paul Minn. Pressure-sensitive adhesive tape. 2,548,980, Apr. 17.
Kelliher, Charles, New York, N. Y. Reversible window sash. 2,580,177, Dec. 25.
Kelling Nut Company, The, assignee: *See*—
Miner, Carl S.
Steiner, John.
Kellner, Gabriel, New York, N. Y. "Yes" and "No" indicating doll. 2,540,484, Feb. 6.
Kellner, Lester E., Merrill, Wis. Stone picker. 2,561,207, July 17.
Kellogg, Bertha O., Pretty Prairie, Kans. Venetian blind structure for windows. 2,542,146, Feb. 20.
Kellogg, Dorcey E., and A. T. Scheiwer, Erie, Pa.; said Kellogg assignor to said Scheiwer. Haircutting device. 2,579,676, Dec. 25.
Kellogg, Everett J.: *See*—
Kellogg, Robert E. and E. J.
Kellogg, George H., San Diego, Calif. Pilot brake for motor vehicles. 2,563,339, Aug. 7.
Kellogg, Harry L., Scotia, and R. W. Kuenning, Schenectady, N. Y., assignors to General Electric Company. Phase shifting circuit. 2,555,975, June 5.
Kellogg, Helen L., executrix: *See*—
Kellogg, John L.
Kellog, Henry B., Weehawken, N. J., assignor to General Aniline & Film Corporation, New York, N. Y. 3-azo derivatives of 1-substituted 2,5-diketo-7-methylpyrimidopyrazoles. 2,569,418, Sept. 25.
Kellogg, John L., deceased, Chicago, Ill.; H. L. Kellogg, executrix of said J. L. Kellogg. Treating coffee of preserve flavoring and aromatic principles. 2,539,626, Jan. 30.
Kellogg, John L., deceased, Chicago, Ill.; H. L. Kellogg, executrix of said J. L. Kellogg. Coffee extract enriched with extra flavor. 2,557,294, June 19.
Kellogg, John L., deceased, Chicago, Ill.; H. L. Kellogg, executrix of said J. L. Kellogg. Making soluble beverage extract. 2,564,332, Aug. 14.
Kellogg, Joseph, assignor to Nordberg Manufacturing Co., Milwaukee, Wis. Lubricator. 2,578,073, Dec. 11.
Kellogg, M. W., Company, The, assignee: *See*—
Belchetz, Arnold.
Blanchard, Doris W., Lauer, and Pratt.
Burton, William P., and McGrath.
Degnen, William J., and Hill.
Dickinson, John T.
Dickinson, Norman L., Everett, and Hill.
Hanford, William E.
Hill, Luther R.
Jewell, Joseph W., and Johnson.
Johnson, William B.
King, Charles C., and Dickinson.
Lauer, George G., and Pratt.
Layng, Edwin T.
Lobo, Walter E.
Mader, Charles K.
Mayers, Martin A., and Holzwarth.
McGarry, Richard J.
McGrath, Henry G.
McGrath, Henry G., Passino, and Rubin.
McGrath, Henry G., and Rubin.
Miller, William T.
Moorman, Joseph W., and Kelly.
Palmer, George H.
Passino, Herbert J.
Passino, Herbert J., and Mantell.
Rowe, Harold E.
Rubin, Louis C.
Solomon, Ernest.
Trumpler, Paul R.
Wickham, Henry P., and Moorman.
Kellogg, Robert E., Nevada, and E. J. Kellogg, Columbus, Ohio. Coupling pin. 2,547,326, Apr. 3.

Kellogg Switchboard and Supply Company, assignee: *See*—
Arthur, Richard P.
Augustine, Roy W., and Houdek.
Bakker, Pier.
Bellamy, John I.
Bellamy, John I., and Arthur.
Bosh, James E., and Alex.
Earle, Edwin L., Arthur, and Bellamy.
Houdek, Joseph F., Jr.
Robison, Daniel B.
Rose, Morris.
Wallace, Bert A.

Kells, Benjamin F., Mount Prospect, and J. C. D'Esposito, assignors to Container Corporation of America, Chicago, Ill. Tuck end container. 2,572,159, Oct. 23.

Kells, Edward L.: *See*—
Miller, Glen W., and Kells.

Kells, John D., Brooklyn, N. Y. Shoe heel. 2,545,519, Mar. 20.

Kellum, Paul S., Newark, N. J., assignor to Crown Fastener Corporation, Warren, R. I. Lock slider. 2,540,485, Feb. 6.

Kellums, Wayne W.: *See*—
Neighbour, Leonard B., and Kellums.

Kelly, Cornelius S. and E. A., Hollywood, Fla. Making fish lures. 2,544,265, Mar. 6.

Kelly, Daniel F., trustee, assignee: *See*—
Cranston, Hoy A.

Kelly, Donald H.: *See*—
Townend, Robert V., and Kelly.

Kelly, Earl M., Millbrae, and A. M. Kivari, Los Angeles, assignors to Process Engineers Incorporated, San Francisco, Calif. Clarification. 2,568,452, Sept. 18.

Kelly, Edmund P., assignee: *See*—
Willis, Paul.

Kelly, Edmund P., Chicago, Ill. Automatic drifting valve. 2,544,793, Mar. 13.

Kelly, Elsie A.: *See*—
Kelly, Cornelius S. and E. A.

Kelly, Frank J., assignor to Kelly-Shaw Hydro-Cot Company, Inc., Binghamton, N. Y. Portable cot. 2,564,333, Aug. 14.

Kelly, Frederick G., assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Reconditioning of phonographic records. 2,559,539, July 3.

Kelly, Frederick G., assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Dynamometer system. 2,572,626, Oct. 23.

Kelly, Gerald E., Grass Valley, Oreg. Re-usable label. 2,563,340, Aug. 7.

Kelly, Harry C., Belmont, Mass., assignor, by mesne assignments, to the United States of America as represented by the Secretary of the Navy. Skiatron clean-up. 2,561,702, July 24.

Kelly, Jerome V., Detroit, Mich. Coin-controlled dispensing machine. 2,562,795, July 31.

Kelly, John H., and H. H. Teal, Pittsburgh, Pa.; said Teal assignor to said Kelly. Shoe sole conditioning machine. 2,545,471, Mar. 20.

Kelly, John H., Jr., Wabash, Ind., assignor to The General Tire and Rubber Company, Akron, Ohio. Making cellular rubber using an alkyl amine and ammonium bicarbonate. 2,564,401, Aug. 14.

Kelly, John H., Jr., and R. M. Glassco, Wabash, Ind., assignors to The General Tire and Rubber Company, Akron, Ohio. Vibration absorbing bushing. 2,572,160, Oct. 23.

Kelly, John R.: *See*—
Kelly, William H., Jr. and J. R.

Kelly-Koett Manufacturing Company, The, assignee: *See*—
Haupt, Walter H.

Kelly, Lawrence C., Alhambra, Calif. Hand massaging device. 2,572,627, Oct. 23.

Kelly, Lewis P., Peoria Heights, Ill. Drying reel for fishing lines. 2,563,045, Aug. 7.

Kelly, Louis J.: *See*—
Moorman, Joseph W., and Kelly.

Kelly, Louis J., Tenafly, N. J., assignor to Houdry Process Corporation, Wilmington, Del. Sealing hydrocarbon conversion housings. 2,566,896, Sept. 4.

Kelly, Ogilvie C., assignor to The Toledo Plate & Window Glass Company, Toledo, Ohio. Mirror mounting and protecting device. 2,577,526, Dec. 4.

Kelly, Robert E.: *See*—
Scholfield, Richard P., and Kelly.

Kelly, Robert L., Baltimore, Md. Resilient clamp newspaper and magazine holder. 2,559,822, July 10.

Kelly, Robert L., Baltimore, Md. Newspaper receptacle attachment for rural mailboxes. 2,567,487, Sept. 11.

Kelly-Shaw Hydro-Cot Company, Inc., assignee: *See*—
Kelly, Frank J.

Kelly, Taliferro B., Jr., assignor to Universal Oil Products Company, Chicago, Ill. Extraction column. 2,536,373, Jan. 2.

Kelly, Thomas N., assignor to G. W. Smith, doing business as Smith-Morris Company, Ferndale, Mich. Retractible air screen for turbojet engines. 2,555,592, June 5.

Kelly, Vera M.: *See*—
Lightfoot, Agnes M., and Kelly.

Kelly, Victor L., Houston, Tex. Digit guard. 2,573,715, Nov. 6.

Kelly, Walter W., Portland, Oreg., assignor to Food Machinery and Chemical Corporation. Flexing disk fruit stemming mechanism and conveyor therefor. 2,540,740, Feb. 6.

Kelly, Walter W., Portland, Oreg., assignor to Food Machinery and Chemical Corporation. Combined pitting and slicing mechanism. 2,577,527, Dec. 4.

Kelly, Warner M., Houston, assignor to Otis Pressure Control, Inc., Dallas, Tex. Recorder chart for oil or gas well recording instruments. 2,563,119, Aug. 7.

Kelly, William H., Jr., Medina, and J. R. Kelly, Sharon Center, Ohio. Feed for carnivorous animals and making the same. 2,558,092, June 26.

Kelsey, Cadwallader W., Troy, N. Y. Lawn mower and lawn mower attachment for tractors. 2,546,265, Mar. 27.

Kelsey, Cadwallader W., Troy, N. Y. Scarifier. 2,560,352, July 10.

Kelsey-Hayes Wheel Company, assignee: *See*—
Caswell, Edgar F.
Ingres, Jeannot G.
Ross, Elmer R.
Sinclair, Charles W.

Kelsey, Walter, New York, N. Y. Sinter cake breaker for side discharge batch sintering machines. 2,552,283, May 8.

Kelsey, Walter, New York, N. Y. Side discharge grate for batch sintering machines. 2,571,582, Oct. 16.

Kelsey, William E.: *See*—
Winkler, Albert H., and Kelsey.

Kelsh, Harry T., Washington, D. C. Photogrammetric projection machine. 2,552,975, May 15.

Kelso, Clarence L., Oilton, Okla. Pipe-bending apparatus. 2,547,870, Apr. 3.

Kelso, Frank, Fort William, Ontario, Canada. Centrifugal air cleaner. 2,560,874, July 17.

Kelso, George H.: *See*—
Lassiat, Raymond C., Kelso, and Evans.

Kelso, James M.: *See*—
Rogers, Philip S., Emmons, Godfrey, and Kelso.

Kelso, Lawrence M., Rocky Ford, Colo. Control for feeding devices. 2,556,653, June 12.

Keltner, Ray S., Enid, Okla. Two-way hitch. 2,551,136, May 1.

Keltz, Frank O., assignor to McFeeley Brick Company, Latrobe, Pa. Furnace brick 2,573,264, Oct. 30.

Kelvin & Hughes Limited, assignee: *See*—
Everitt, Philip F., and Jamieson.
Reilly, Hugh L., Scrimshaw, and Lambert.

Kemler, Emory N.: *See*—
Smith, Marvin M., and Kemler.

Kemlo, Henry A., executor: *See*—
Williams, John C., and Winby.

Kemmerer, Harold R., Alton, Ill., assignor to Shell Development Company, San Francisco, Calif. Torque converter fluids. 2,549,377, Apr. 17.

Kemnitz, George E., assignor to Noble Drilling Corp., Tulsa, Okla. Combination sub for drilling operations. 2,542,679, Feb. 20.

Kemnitz, George E., assignor to Noble Drilling Corp., Tulsa, Okla. Safety device for drilling derricks. 2,557,543, June 19.

Kemp, Alton L.: *See*—
Kane, Arthur L., and Kemp.

Kemp, Arthur W., Woodbridge, assignor to Farrel-Birmingham Company, Incorporated, Ansonia, Conn. Lubricant control for journal boxes or the like. 2,560,451, July 10.

Kemp, C. M., Manufacturing Company, The, assignee: *See*—
Kemp, William W.

Kemp, Calvin R., Delaware, Ohio. Blade for fowl-plucking apparatus. 2,571,042, Oct. 9.

Kemp, Charles B., assignee: *See*—
Pangborn, Wallace S.

Kemp, E. F., Corp., assignee: *See*—
Gauvreau, Joseph E.
Nichols, Ellsworth G.

Kemp, Franklin, Wesleyville, Pa. Hair waving device. 2,566,727, Sept. 4.

Kemp, Jacob D., Richmond, and L. F. Brooke, Berkeley Highland Terrace, assignors to California Research Corporation, San Francisco, Calif. Reduction of phosphoric acid corrosion in a polymerization process. 2,547,013, Apr. 3.

Kemp, Jay S., assignor to Armour Research Foundation of Illinois Institute of Technology, Chicago, Ill. Magnetic recorder and wire handling means therefor. 2,548,981, Apr. 17.

Kemp, Kenneth A. W., Milton, near Gravesend, assignor to C. A. V. Limited, London, England. Hydraulic governor. 2,566,728, Sept. 4.

Kemp, Lebbeus C., Jr., Scarsdale, assignor to The Texas Company, New York, N. Y. Preparation of heavy hydrocarbons of hydrogen isotopes. 2,577,017, Dec. 4.

Kemp, Leonard J., Prescott, Ontario, Canada. Educational puzzle. 2,544,961, Mar. 13.

Kemp, Milton H., Michigan City, Ind., assignor to The Scholl Mfg. Co., Inc., Chicago, Ill. Making adhesive tape. 2,557,227, June 19.

Kemp, William J., Deptford, assignor to Molins Machine Company Limited, London, England. Endless conveyer. 2,546,072, Mar. 20.

Kemp, William W., assignor to The C. M. Kemp Manufacturing Company, Baltimore, Md. Immersion liquid heating apparatus and method. 2,536,608, Jan. 2.
Kemp, William W., and H. M. Hanson, assignors to The C. M. Kemp Manufacturing Company, Baltimore, Md. Ink drying burner. 2,536,609, Jan. 2.
Kemp, Woodrow E., assignor to Dominion Tar & Chemical Company Limited, Montreal, Quebec, Canada. Polyaryl polyparaffins. 2,548,982, Apr. 17.
Kemper, Harry C.: *See*—
Le Blond, Richard K., and Kemper.
Siekmann, Harold J., and Kemper.
Siekmann, Harold J., Kemper, and Cooper.
Kemper, Maxwell F., Los Angeles, Calif. Closure mechanism. 2,565,029, Aug. 21.
Kempf, Donald G., Chicago, Ill. Date reminder. 2,541,875, Feb. 13.
Kempf, Herman H., Garden City, assignor to Abe April Fine Furs, Incorporated, New York, N. Y. Door lock with alarm device. 2,563,727, Aug. 7.
Kempf, Karl F. W., assignor to McKaig-Hatch Inc., Buffalo, N. Y. Making adjustable jaw wrenches. 2,572,492, Oct. 23.
Kempf, Norman W., Auburndale, Mass., and H. K. Murer, Summit, N. J., assignors to General Foods Corporation, New York, N. Y. Cacao process and product. 2,558,854, July 3.
Kempf, Raymond A., Baltimore, Md., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Joint for coaxial conductors. 2,546,309, Mar. 27.
Kempster, George A., Ashland, Mass. Device for treating teeth and gums. 2,545,814, Mar. 20.
Kempton, Leslie A., assignor to The Dole Valve Company, Chicago, Ill. Fluid control device. 2,542,279, Feb. 20.
Kempton, Leslie A., St. Petersburg, Fla., assignor to The Dole Valve Company, Chicago, Ill. Double mixing valve. 2,553,769, May 22.
Kempton, Leslie A., St. Petersburg, Fla., assignor to The Dole Valve Company, Chicago, Ill. Fluid valve structure. 2,558,962, July 3.
Kempton, Leslie A., St. Petersburg, Fla., assignor to The Dole Valve Company, Chicago, Ill. Thermostatic fluid mixing valve. 2,560,293, July 10.
Kempton, Leslie A., St. Petersburg, Fla., assignor to The Dole Valve Company, Chicago, Ill. Piston seal boot. 2,560,294, July 10.
Kempton, Leslie A., assignor to The Dole Valve Company, Chicago, Ill. Diaphragm valve. 2,562,315, July 31.
Kenaga, Eugene E.: *See*—
Drake, Lewis R., Kenaga, and Erbel.
Moyle, Clarence L., and Kenaga.
Kenaga, Eugene E., assignor to The Dow Chemical Company, Midland, Mich. Composition for control of mite and insect pests. 2,538,513, Jan. 16.
Kenaga, Eugene E., assignor to The Dow Chemical Company, Midland, Mich. Composition for control of mite and insect pests. 2,538,727, Jan. 16.
Kenaga, Eugene E., assignor to The Dow Chemical Company, Midland, Mich. Composition for control of mite and insect pests. 2,538,728, Jan. 16.
Kenaga, Eugene E., assignor to The Dow Chemical Company, Midland, Mich. Composition for control of mite and insect pests. 2,538,729, Jan. 16.
Kenaga, Eugene E., assignor to The Dow Chemical Company, Midland, Mich. Insecticide and miticide compositions comprising hexaethyl tetraphosphate and a nitrophenolic compound. 2,552,563, May 15.
Kenaga, Eugene E., assignor to The Dow Chemical Company, Midland, Mich. Parasiticidal composition. 2,579,434, Dec. 18.
Kenah, Richard H., Vienna, Va. Knitting needle carrier. 2,551,012, May 1.
Kenart Devices, Inc., assignee: *See*—
Chaft, Marc.
Kendall Company, The, assignee: *See*—
Elson, William O.
Eustis, Warner.
Hurt, Arthur P.
Kendall Corporation, assignee: *See*—
Johnson, Ferdinand C.
Kendall, Donald B., and R. O. Bradley, assignors to Toledo Scale Company, Toledo, Ohio. Electrical control to momentarily reverse feeder at cutoff. 2,566,210, Aug. 28.
Kendall, Donald G., and W. L. Giesler, Bakersfield, Calif. Well treating device. 2,569,893, Oct. 2.
Kendall, Edward C., Rochester, Minn., assignor to Research Corporation, New York, N. Y. Preparation of derivatives of 3 α-hydroxycholanic acid. 2,541,074, Feb. 13.
Kendall, Edward C., and G. A. Fleisher, Rochester, Minn., assignors to Research Corporation, New York, N. Y. 12,21-dihalopregnanes and process. 2,563,247, Aug. 7.
Kendall, Edward C., and G. A. Fleisher, Rochester, Minn., assignors to Research Corporation, New York, N. Y. Δ17,20-pregnenolal derivatives. 2,577,018, Dec. 4.
Kendall, Harold G., assignee: *See*—
Schaible, Theodore G.
Kendall, Harold M., executor: *See*—
Kendall, Ira H.
Kendall, Ira H., deceased, Potsdam, N. Y.; H. M. Kendall, executor in re estate I. H. Kendall. Antiskid device for tires. 2,537,835, Jan. 9.
Kendall, John D.: *See*—
Doyle, Frank P., and Kendall.
Duffin, George F., and Kendall.
Kendall, John D., and G. F. Duffin, assignors to Ilford Limited, Ilford, England. Production of methine dyestuffs. 2,556,545, June 12.
Kendall, John D., and D. J. Fry, assignor to Ilford Limited, Ilford, Essex, England. Photographic element and process utilizing antibronzing agents. 2,573,027, Oct. 30.
Kendall, John D., and D. J. Fry, assignors to Ilford Limited, Ilford, England. Photographic silver halide emulsions containing 4-hydroxy quinolines. 2,578,655, Dec. 18.
Kendall, Myron A., Aurora, Ill., assignor to Stephens-Adamson Mfg. Co. Self-aligning carrier for belt conveyers. 2,569,419, Sept. 25.
Kendall, Myron A., Aurora, Ill., assignor to Stephens-Adamson Mfg. Co. Long-range haulage conveyer system. 2,580,229, Dec. 25.
Kendall, Ray, and J. D. Williams, Tulsa, Okla., said Williams assignor to said Kendall. Three-control system for aircraft. 2,560,112, July 10.
Kendall & Sons, Limited, assignee: *See*—
Cathcart, Samuel D.
Frost, Sydney M.
Kendall, Thomas L., Muncie, Ind., assignor to General Motors Corporation, Detroit, Mich. Submersible vent cap. 2,571,893, Oct. 16.
Kendall, Thomas L., D. G. Mahoney, and L. G. Crooks, Muncie, Ind., assignors to General Motors Corporation, Detroit, Mich. Storage battery vent plug. 2,558,654, June 26.
Kendall, William B., and G. D. Hill, assignors to Eastman Kodak Company, Rochester, N. Y. Direct positive emulsion containing desensitizing dye. 2,541,472, Feb. 13.
Kendrick, Ralph J.: *See*—
Hager, Howard M., and Kendrick.
Kenis, Ivan: *See*—
Fisher, John R., Jr., and Kenis.
Kenison, William I., Salina, Kans. Grain cutter guard. 2,576,122, Nov. 27.
Kenmore Metals Corporation, assignee: *See*—
Camin, Etienne L. A., Hybinette, and Taylor.
Kenna, Evalyn R., New York, N. Y. Combined toothbrush and massaging device. 2,574,789, Nov. 13.
Kennametal Inc., assignee: *See*—
Alexander, Arthur H. and J. H.
Kennard, Theodore G., assignee: *See*—
Drake, John F.
Kennedy, Allen E., Utica, N. Y. Shoulder protector. 2,540,952, Feb. 6.
Kennedy, Bert, Johnstown, N. Y. Glove. 2,545,149, Mar. 13.
Kennedy Car Liner & Bag Co., Inc., assignee: *See*—
Donovan, Marion.
Kennedy, Chester R., Lakeville, Mass. Antiskid device for pneumatic tires. 2,570,689, Oct. 9.
Kennedy, Donald W.: *See*—
Vorwick, William S., and Kennedy.
Kennedy, Douglas H., Corpus Christi, Tex., assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Applying a masking composition to a glass base. 2,559,969, July 10.
Kennedy, Earl M., Cuyahoga, Ohio. Combined conductor plug and spool. 2,561,740, July 24.
Kennedy, Edgar S., Wayne, Pa., assignor to American Viscose Corporation, Wilmington, Del. Method and apparatus for stiffening fabric edges. 2,578,889, Dec. 18.
Kennedy, Edward P., Berwyn, Ill., assignor, by mesne assignments, to the United States of America as represented by the Secretary of the Army. Speaker cabinet. 2,577,528, Dec. 4.
Kennedy, Eugene P., and M. D. Grossnickle, assignors to Armour and Company, Chicago, Ill. Preparation of pepsinogen and pepsin. 2,567,378, Sept. 11.
Kennedy, Floyd V., St. Maries, Idaho. Brake cylinder protection valve. 2,537,273, Jan. 9.
Kennedy, Frank J., Brooklyn, N. Y., assignor to National Electric Products Corporation, Pittsburgh, Pa. Electrical outlet box. 2,544,232, Mar. 6.
Kennedy, Frank J., Mt. Lebanon, assignor to National Electric Products Corporation, Pittsburgh, Pa. Nonmetallic sheathed multiconductor cable. 2,544,233, Mar. 6.
Kennedy, Frank J., Mount Lebanon, assignor to National Electric Products Corporation, Pittsburgh, Pa. Making outlet boxes. 2,544,266, Mar. 6.
Kennedy, Frank J., Mount Lebanon, assignor to National Electric Products Corporation, Pittsburgh, Pa. Making nonmetallic sheathed cable. 2,544,503, Mar. 6.
Kennedy, Gilbert J., assignor to Philco Corporation, Philadelphia, Pa. Switching apparatus. 2,544,535, Mar. 6.
Kennedy, Henry A., Philadelphia, Pa., assignor to National Battery Company, St. Paul, Minn. Storage battery liquid level controller. 2,550,152, Apr. 24.
Kennedy, James M., and H. J. Lee, Rome, N. Y., and A. P. Knight, deceased, Rome, N. Y.; by N. R. Knight, executrix; said Kennedy, Lee, and A. P. Knight assignors to Reveres Copper and Brass Incorporated, Rome, N. Y. Electroplating. 2,549,610, Apr. 17.

Kennedy, John T.: *See*—
Brouwer, Benjamin W., and Kennedy.
Dion, Raymond F., and Kennedy.
Kennedy, John T., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Mounting for loom shuttle binders. 2,556,037, June 5.
Kennedy, Joseph E., assignor to Kennedy-Van Saun Mfg. & Eng. Corporation, New York, N. Y. Steam generator unit. 2,551,137, May 1.
Kennedy, Joseph E., New York, N. Y. Cement plant and operation. 2,563,471, Aug. 7.
Kennedy, Kenneth R., Bakersfield, assignor of forty per cent to A. M. Johnson, Santa Barbara, Calif. Stocking stretcher. 2,552,976, May 15.
Kennedy, Leo I., Lemoyne, Pa. Standpipe turning device. 2,560,113, July 10.
Kennedy, Robert M., Drexel Hill, and A. Schneider, assignors to Sun Oil Company, Philadelphia, Pa. Catalytic reaction of isoparaffin hydrocarbons. 2,557,113, June 19.
Kennedy, Robert M., Newtown Square, and A. Schneider, assignors to Sun Oil Company, Philadelphia, Pa. Preparation of 2,3-dimethylbutane. 2,557,114, June 19.
Kennedy, Robert M., Newtown Square, and A. Schneider, assignors to Sun Oil Company, Philadelphia, Pa. Preparation of 2,2,4-trimethylpentane. 2,557,115, June 19.
Kennedy, Robert M., Newtown Square, and A. Schneider, assignors to Sun Oil Company, Philadelphia, Pa. Preparation of 2,2,4-trimethylpentane. 2,557,116, June 19.
Kennedy, Robert M., Newtown Square, and A. Schneider, assignors to Sun Oil Company, Philadelphia, Pa. Self-alkylation of isopentane. 2,557,117, June 19.
Kennedy, Robert M., Newtown Square, and A. Schneider, assignors to Sun Oil Company, Philadelphia, Pa. Alkylation of isobutane with propylene. 2,557,118, June 19.
Kennedy, Thomas C., Chicago, Ill. Spirit level attachment for tools. 2,541,366, Feb. 13.
Kennedy-Van Saun Mfg. & Eng. Corporation, assignee: *See*—
Kennedy, Joseph E.
Niemitz, Gerhard.
Kennedy, Walter, Cliffside Park, N. J. Broiler. 2,572,870, Oct. 30.
Kennedy, Walter, Cliffside Park, N. J. Radiant gas burner, including air filter and Venturi mixer. 2,577,772, Dec. 11.
Kennedy, Walter V.: *See*—
Zimmerman, Robert M., and Kennedy.
Kennedy, Walter V., Central Falls, R. I., assignor to Fram Corporation. Filter. 2,568,196, Sept. 18.
Kennedy, Walter W., assignor to Barber-Colman Company, Rockford, Ill. Air distribution unit. 2,544,689, Mar. 13.
Kennedy, Walter W., assignor to Barber-Colman Company, Rockford, Ill. Air outlet. 2,564,334, Aug. 14.
Kennedy, Walter W., assignor to Barber-Colman Company, Rockford, Ill. Air distribution outlet. 2,577,771, Dec. 11.
Kenneford, John, assignor of one-half to Howard and Bullough Limited, Accrington, England. Suspending bobbins in creels. 2,554,148, May 22.
Kennelly, Jeremiah D., Oak Park, Ill. Fluid shutter for light-projecting apparatus. 2,571,894, Oct. 16.
Kennelly, Jeremiah D., Oak Park, Ill. Warning light apparatus. 2,571,895, Oct. 16.
Kennelly, Reginald G., Longmeadow, Mass., assignor to Monsanto Chemical Company, St. Louis, Mo. Aluminum articles coated with heat-sealable composition. 2,566,802, Sept. 4.
Kenner, Howey J., Oakland, Calif. Alignment device support. 2,545,784, Mar. 20.
Kenney, Douglas J.: *See*—
Markham, Basil G., and Kenney.
Kenney, Mahlon W., Oak Park, assignor to J. P. Seeburg Corporation, Chicago, Ill. Index for selective automatic phonographs. 2,545,362, Mar. 13.
Kenney, Mahlon W., Oak Park, assignor to J. P. Seeburg Corporation, Chicago, Ill. Mounting for player arms. 2,545,363, Mar. 13.
Kenney Manufacturing Company, assignee: *See*—
Kenney, William C.
Kenney, William C., assignor to Kenney Manufacturing Company, Cranston, R. I. Curtain rod bracket. 2,552,180, May 8.
Kennison, Hugh F., Bloomfield, assignor to Lock Joint Pipe Company, East Orange, N. J. Wire-winding apparatus. 2,573,793, Nov. 6.
Kennison, Hugh F., Verona, assignor to Lock Joint Pipe Company, East Orange, N. J. Lining pipe. 2,557,544, June 19.
Kennon, Lorenzo, Burbank, assignor of one-half to W. S. Schwartz, Glendale, Calif. Pipe fitting. 2,560,114, July 10.
Kenore Products Corporation, assignee: *See*—
Huppert, William.
Kenoszt, George, Chicago, Ill. Lubricating system. 2,577,658, Dec. 4.
Kenshol, Kenneth W., assignor to Metallizing Company of America, Chicago, Ill. Variable-speed wire spray gun. 2,556,193, June 1.
Kensington Steel Company, assignee: *See*—
Anderson, Carlos E.
Kent, Alfred W., Groby, assignor to The Bentley Engineering Company Limited, Leicester, England. Knitting machine. 2,542,816, Feb. 20.
Kent-Coffey Manufacturing Company, assignee: *See*—
Early, William A.
Kent, Earle L., assignor to C. G. Conn., Ltd., Elkhart, Ind. Signal mixing apparatus. 2,547,759, Apr. 3.
Kent, Earle L., Elkhart, Ind., assignor to the United States of America as represented by the Secretary of the Navy. Multiplex photoelectric recording system and method. 2,561,869, July 24.
Kent, Eldridge E., Battle Creek, Mich. Bait box. 2,573,202, Oct. 30.
Kent Equipment Co., assignee: *See*—
Rabin, William W.
Kent, Floyd A., and C. W. Patrick, Midland, Mich. Apparatus for treating crude petroleum and other liquids. 2,543,242, Feb. 27.
Kent, Frederick J., Glen Rock, assignor, by mesne assignments, to Servo-Tek Products Co., Paterson, N. J. Electric razor with reciprocating blade. 2,561,870, July 24.
Kent-Moore Organization, Inc., assignee: *See*—
Graham, George M.
Kent, Moss A., White Plains, N. Y. Rain deflector for vehicle ventilating windows. 2,540,205, Feb. 6.
Kent-Owens Machine Company, assignee: *See*—
Tremblay, Albert F.
Kent Plastics Corporation, assignee: *See*—
Haase, Lawrence H.
Kent, Ralph A., New York, N. Y., assignor to Radio Corporation of America. High-power transmission line switch. 2,561,871, July 24.
Kent, Samuel J.: *See*—
Bacon, Clinton J., and Kent.
Kentis, George E., Jr., Detroit, Mich., assignor to The Yoder Company, Cleveland, Ohio. Control system. 2,558,761, July 3.
Kentis, George E., Jr., Fairview Village, assignor to The Yoder Company, Cleveland, Ohio. Expansible drum. 2,564,482, Aug. 14.
Kenworth Manufacturing & Stamping Co., assignee: *See*—
Rehfeldt, Hermann.
Kenworth Motor Truck Corporation, assignee: *See*—
Brown, Wallace M.
Kenworthy, William C.: *See*—
Jessen, George J., and Kenworthy.
Kenyon, Bertrand F., assignor to A. G. Dickinson, Grand Rapids, Mich. Transmission. 2,554,334, May 22.
Kenyon, David E., Cold Spring Harbor, N. Y., assignor to The Sperry Corporation. Combining and separating circuits. 2,570,249, Oct. 9.
Kenyon Gyro & Electronics Corporation, assignee: *See*—
Kenyon, Theodore W.
Kenyon, Theodore W., Huntington, N. Y., assignor, by mesne assignments, to the United States of America as represented by the Secretary of the Navy. Controlled flight equipment. 2,569,676, Oct. 2.
Kenyon, Theodore W., assignor to Kenyon Gyro & Electronics Corporation, Huntington, N. Y. Gyrostabilized sighting instrument. 2,570,130, Oct. 2.
Kenyon, William O.: *See*—
Fowler, William F., Jr., and Kenyon.
Lowe, Wesley G., Kenyon, and Minsk.
Reynolds, Delbert D., and Kenyon.
Kenyon, William O., and C. C. Unruh, assignors to Eastman Kodak Company, Rochester, N. Y. Making cellulose ester lithographic printing plates. 2,548,537, Apr. 10.
Kenyon, William O., T. T. M. Laakso, and C. C. Unruh, assignors to Eastman Kodak Company, Rochester, N. Y. Polymers of alkyl α-acyloxyacrylates. 2,559,635, July 10.
Kenyon, William O., and J. A. Cathcart, assignors to Eastman Kodak Company, Rochester, N. Y. Cellulose ester lithographic printing process. 2,568,503, Sept. 18.
Keolelan, Richard, assignee: *See*—
Hoey, Robert A.
Keough, Patrick J., assignor to Arlington Chair Company, Gardner, Mass. Safety device for high chair trays. 2,552,720, May 15.
Kep-Dri Corporation, assignee: *See*—
Pekar, Joseph C., and Hird.
Kepner, Robert C.: *See*—
Shields, Robert A., and Kepner.
Kepner, Robert C., Bloomsburg, Pa., assignor to American Car and Foundry Company, New York, N. Y. Latch for end dump mine cars. 2,578,430, Dec. 11.
Kepple, Kenneth A., Jeannette, Pa., and E. A. Rothfus, Jackson, Mich., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Electrical apparatus. 2,551,841, May 8.
Keppler, Arthur T., Mansfield, Ohio. Wrench head having distal torque lever. 2,538,006, Jan. 16.
Ker, Montgomery, Scotia, N. Y., assignor to General Electric Company. Voltage regulator. 2,541,820, Feb. 13.
Kerbaugh, Joseph F., Bryn Mawr, Pa. Metallic window. 2,538,749, Jan. 23.
Kercher, Arthur J., Berkeley, assignor of one-half to W. W. Hicks, San Francisco, Calif. Electric load regulator. 2,573,846, Nov. 6.
Keresztesy, John C., Westfield, and E. L. Rickes, assignors to Merck & Co., Inc., Rahway, N. J. Recovery of riboflavin. 2,571,896, Oct. 16.
Kerfoot, Frank W.: *See*—
Dolza, John, Gaubatz, Perish, Croisant, and Kerfoot.

Kerfoot, Frank W., Stamford, Conn., assignor to General Motors Corporation, Detroit, Mich. Engine pressure control. 2,563,823, Aug. 14.
Kern, Arthur E., and E. L. Wood, Detroit, Mich. Animal trap. 2,544,026, Mar. 6.
Kern, Charles J., Long Island City, and H. W. Del Vecchio, Brooklyn, assignors to American Home Products Corporation, New York, N. Y. Theobromine alkaline earth metal levulinates. 2,562,865, July 31.
Kern, Charles L., Capps, Ark., assignor of one-half to Alice L. Smith, Kansas City, Mo. Power moving apparatus and remote control therefor. 2,570,350, Oct. 9.
Kern, Earl F.: *See*—
Hamann, Floyd R., Miller, Barrie, Cutman, and Kern.
Kern, Fernando C., St. Louis, Mo. Making coke briquettes. 2,556,154, June 5.
Kern, Fred T., Milwaukee, Wis. Continuous classifier for solids. 2,561,665, July 24.
Kern, Karl W., assignor to The Perfection Steel Body Company, Galion, Ohio. Tail gate elevator loader for vehicles. 2,576,881, Nov. 27.
Kern, Ruth K., Louisville, assignor to Joseph E. Seagram & Sons, Inc., Shively, Ky. Visual exposure device. 2,565,079, Aug. 21.
Kern, Theodore: *See*—
Gustafsson, Eric, Baur, and Kern.
Kern, Walter: *See*—
Grossmann, Paul, and Kern.
Holbro, Theodor, and Kern.
Jenney, Walter, and Kern.
Morgeli, Eduard, and Kern.
Sutter, Paul, and Kern.
Kern, Walter, Sissach, assignor to Ciba Limited, Basel, Switzerland. Vat-dyestuffs. 2,539,193, Jan. 23.
Kern, Walter, Sissach, and T. Holbro, Basel, Switzerland, assignors to Ciba Limited. Vat dyestuffs and making same. 2,539,192, Jan. 23.
Kerner, Leslie W., San Diego, Calif. Musical instrument for vocal amplifications. 2,559,124, July 3.
Kerns Industrial Corporation, assignee: *See*—
Foss, Ferdinand H. H.
Kerns, Quentin A., Berkeley, Calif., assignor to the United States of America as represented by the United States Atomic Energy Commission. Rectifier system. 2,579,235, Dec. 18.
Kerns, Quentin A., and W. R. Baker, Berkeley, Calif., assignors to the United States of America as represented by the United States Atomic Energy Commission. Pulse transformer. 2,577,707, Dec. 4.
Keroes, Herbert I., Irvington, assignor to The Daven Company, Newark, N. J. Hermetically sealed electric switch. 2,544,328, Mar. 6.
Keroson, George E., assignor of one-half to G. N. Carlson, Chicago, and one-half to G. F. Anderson, Cicero, Ill. Portable extensible lift. 2,573,575, Oct. 30.
Kerr, Alexander H., & Co., Inc., assignee: *See*—
Sachs, Carrol C., and Bond.
Sachs, Carrol C., and J. Bond.
Kerr, Arthur N., Los Angeles, Calif., assignor to Phillips Petroleum Company. Container testing device. 2,539,843, Jan. 30.
Kerr, Arthur N., Los Angeles, Calif., assignor to Phillips Petroleum Company. Balancing tank with content indicator. 2,575,110, Nov. 13.
Kerr, Charles E., Hoopeston, Ill., assignor to Food Machinery and Chemical Corporation. Valve control mechanism. 2,552,634, May 15.
Kerr, Charles E., Hoopeston, Ill., assignor to Food Machinery and Chemical Corporation. Green corn cutter. 2,577,530, Dec. 4.
Kerr, Charles E., San Jose, Calif., assignor to Food Machinery and Chemical Corporation. Apparatus for varying the volume of discharge of rotary pumps. 2,564,483, Aug. 14.
Kerr, Charles E., San Jose, Calif., and R. Elsheimer, Hoopeston, Ill., assignors to Food Machinery and Chemical Corporation. Carton handling machine. 2,577,529, Dec. 4.
Kerr, Earl G.: *See*—
Allen, Harry L., and Kerr.
Kerr, Henry H., Jackson, Mich., assignor, by mesne assignments, to The B. F. Goodrich Company, Akron, Ohio. Truss type aircraft wheel. 2,544,387, Mar. 6.
Kerr, Hugh M., Brownsburg, Quebec, Canada, and C. R. L. Hall, Saltcoats, Scotland, assignors to Canadian Industries Limited, Montreal, Quebec, Canada, and Imperial Chemical Industries Limited, London, England. Delay compositions for electric blasting caps. 2,560,452, July 10.
Kerr, James G., Short Hills, N. J. Transfer assembly. 2,557,875, June 19.
Kerr, Maxwell A.: *See*—
Breen, Stanley, and Kerr.
Kerr, Robert, Detroit, Mich. Vehicle escape hatch operating mechanism. 2,565,856, Aug. 28.
Kerr, Robert B., Dallas, Tex., assignor, by mesne assignments, to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Phase converting circuit. 2,546,126, Mar. 20.
Kerridge, Frank E., assignor to Johnson, Matthey & Company Limited, London, England. Vitrifiable enamels for the decoration of glass and making. 2,557,545, June 19.
Kerruish, Leighton P., Steelville, Mo. Air injection smoke-consuming structure for furnaces. 2,541,588, Feb. 13.
Kerseg, Kurt C., Glendale, Calif. Die set. 2,539,085, Jan. 23.
Kersey, R. L., assignee: *See*—
Alexander, Sam.
Kersh, Ralph C., Mishawaka, Ind., assignor by mesne assignments, to S. C. Johnson, Inc., Racine, Wis. Household appliance. 2,574,643, Nov. 13.
Kersh, Ronald C., Monterrey, Mexico. Device for weaning infants. 2,550,568, Apr. 24.
Kershaw, Henry, Belleville, assignor of one-sixth to H. L. Zuckerman, one-sixth to A. E. Zuckerman, and one-sixth to H. Zuckerman, Maplewood, N. J. Welding machine. 2,578,074, Dec. 11.
Kershaw, John G., Oak Bay, Victoria, British Columbia, assignor to Drummondville Cotton Company Limited, Montreal, Quebec, Canada. Winder. 2,568,960, Sept. 25.
Kershaw, John G., and J. A. Carrier, assignors to Dominion Textile Company Limited, Montreal, Quebec, Canada. Size consistency control. 2,572,351, Oct. 23.
Kershaw, Knox: *See*—
Praytor, Dennis M., and Kershaw.
Kershaw, Robert H., Long Beach, Calif. Appliance mount for vehicle doors. 2,549,100, Apr. 17.
Kershaw, Royce, Montgomery, Ala. Ballast remover. 2,568,156, Sept. 18.
Kershner, George, assignor to The Carey Salt Company, Hutchinson, Kans. Automatic block removal mechanism for hydraulic block presses. 2,542,817, Feb. 20.
Kershner, Osborn A.: *See*—
Tiscornia, James W., Lucker, Parrett, Kershner, and Myers.
Kershner, Osborn A., assignor, by mesne assignments, to Lambert Brake Corporation, St. Joseph, Mich. Hydraulic disk brake and actuator means therefor. 2,575,963, Nov. 20.
Kerst, Donald W., Champaign, assignor to The Board of Trustees of the University of Illinois, Urbana, Ill. Induction accelerator. 2,545,958, Mar. 20.
Kersten, Harold J.: *See*—
Brosene, William G., Jr., and Kersten.
Kersten, Herbert H., Fort Dodge, Iowa. Narcotics container and billfold for physicians. 2,566,452, Sept. 4.
Kersten, Herbert H., Iowa City, Iowa. Sail for sailing craft. 2,569,318, Sept. 25.
Kerulis, John B., assignee: *See*—
Wojtowicz, Michael.
Kervarrec, Bernard, Paris, France. Motor plant for cargo boats and like sea boats. 2,579,929, Dec. 25.
Kerwer, Fred, Little Neck, assignor to Douglas Leigh, Inc., New York, N. Y. Display device. 2,557,383, June 19.
Kerwien, Arthur E., Ocean Township Monmouth County, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Cavity resonator. 2,560,353, July 10.
Kerwin, Daniel G., assignor to Welding Service, Inc., Chicago, Ill. Quenching device for quenching the ends of abutting rails in a track joint. 2,538,366, Jan. 16.
Kerwin, James F., assignor to Smith, Kline & French Laboratories, Philadelphia, Pa. Benzodioxan amino alcohols. 2,551,013, May 1.
Kerwin, James F., and G. E. Ullyot, assignors to Smith, Kline & French Laboratories, Philadelphia, Pa. β-haloethylamines. 2,569,814, Oct. 2.
Kerwin, James F., and G. E. Ullyot, assignors to Smith, Kline & French Laboratories, Philadelphia, Pa. B-chloroethyl aminoindanes. 2,573,644, Oct. 30.
Kerwin, James F., and G. E. Ullyot, assignors to Smith, Kline & French Laboratories, Philadelphia, Pa. N-hydroxyethyl aminoindanes. 2,573,645, Oct. 30.
Kerwin, James F., and G. E. Ullyot, assignors to Smith, Kline & French Laboratories, Philadelphia, Pa. Acenaphthenyl amino alcohols. 2,574,150, Nov. 6.
Kerwin, James F., and G. E. Ullyot, assignors to Smith, Kline & French Laboratories, Philadelphia, Pa. N-(phenoxyisopropyl) - N - thenyl - beta - halo - ethylamines. 2,579,500, Dec. 25.
Kesel, Edwin H., assignor to Eastman Kodak Company, Rochester, N. Y. Apparatus for manufacturing screw sticks. 2,548,538, Apr. 10.
Kesel, Robert E.: *See*—
Pribus, Clarence W., and Kesel.
Kesel, Robert E., and R. E. Blattner, assignors to Eastman Kodak Company, Rochester, N. Y. Film measuring and double-exposure prevention device. 2,559,880, July 10.
Keskitalo, Helen, Republic, Mich. Dual compartment liquid holding and dispensing container. 2,554,302, May 22.
Kesler, William C.: *See*—
Ryan, Victor A., Kesler, and Pimper.
Kessel, Charles E., Ripley, W. Va. Animal bath. 2,536,943, Jan. 2.
Kesselring, Fritz, Zollikon/Zurich, Switzerland, assignor to FKG Fritz Kesselring Gerätebau Aktiengesellschaft, Bachtebel-Weinfelden. Electric contact device for variable current. 2,570,062, Oct. 2.
Kessels, Edward J.: *See*—
Jones, Andy, Kessels, and Ruggles.
Kessenich, Christopher J., assignee: *See*—
Kessenich, Gregory J.

Kessenich, Gregory J., Madison, Wis., assignor of one-sixth to P. C. Kessenich, one-sixth to W. H. Kessenich, one-sixth to R. M. C. Kessenich, one-sixth to T. G. Kessenich, and one-sixth to C. J. Kessenich. Rocket projectile. 2,579,323, Dec. 18.
Kessenich, Pauline C., assignee: *See*—
Kessenich, Gregory J.
Kessenich, Rose Mary C., assignee: *See*—
Kessenich, Gregory J.
Kessenich, Thomas G., assignee: *See*—
Kessenich, Gregory J.
Kessenich, William H., assignee: *See*—
Kessenich, Gregory J.
Kessler, Frank, Rochester, N. Y., assignor to Automatic Electric Laboratories, Inc., Chicago, Ill. Arrangement for disconnecting switching equipment from telephone lines. 2,541,589, Feb. 13.
Kessler, Frank, Rochester, N. Y., assignor to Automatic Electric Laboratories, Inc., Chicago, Ill. Cordless key control testboard for telephone systems. 2,550,819, May 1.
Kessler, Frank, Rochester, N. Y., assignor to Automatic Electric Laboratories, Inc., Chicago, Ill. Automatic line testing apparatus, including means for indicating the type of trouble. 2,550,820, May 1.
Kessler, Frank, Rochester, N. Y., assignor to Stromberg-Carlson Company. Telephone test selector. 2,564,013, Aug. 14.
Kessler, Frederick W., Springfield, Mass. Chamfer gauge. 2,560,176, July 10.
Kessler, Frederick W., Springfield, Mass. Flush pin gauge. 2,560,177, July 10.
Kessler, George, St. Louis, Mo. Making laminated wood products. 2,545,286, Mar. 13.
Kessler, George W., New York, N. Y., assignor to The Babcock & Wilcox Company, Rockleigh, N. J. Steam or elastic fluid generator, with positive pressure furnace. 2,567,696, Sept. 11.
Kessler, Henry, New York, N. Y. Combination coat. 2,571,255, Oct. 16.
Kessler, Joseph S., assignor to Tri-Clover Machine Co., Kenosha, Wis. Shaft keying and locking construction. 2,576,298, Nov. 27.
Kessler, Martin C., Jr., Detroit, Mich. Plastic lens and guard. 2,540,953, Feb. 6.
Kessler, Nichols A., Los Angeles, E. Chitwood, Gardena, and M. P. Fugle, Inglewood, Calif. Automatic feed for hand drills. 2,538,969, Jan. 23.
Kessler, Ward P., Bristol, Ind., assignor to V. M. Langsett, Chicago, Ill., as trustee. Muntin and cross joint anchorage. 2,576,840, Nov. 27.
Kestell, David W., Leicester, England, assignor to United Shoe Machinery Corporation, Flemington, N. J. Dust collecting apparatus. 2,573,768, Nov. 6.
Kestell, Thomas A., Leicester, England, assignor to United Shoe Machinery Corporation, Flemington, N. J. Machine for shaping uppers over lasts. 2,552,793, May 15.
Kestenbaum, Saul, New York, N. Y. Pump dispenser. 2,540,890, Feb. 6.
Kestenbaum, Saul, New York, N. Y. Fluid dispensing container with an outlet, a valved, supporting casing for said container, and a conduit from said outlet to said valve. 2,549,207, Apr. 17.
Kester, Ernest B.: *See*—
Houston, David F., and Kester.
Kester, Ernest B., Berkeley, Calif., assignor to the United States of America as represented by the Secretary of Agriculture. Stabilization of brown rice. 2,538,007, Jan. 16.
Kester, Robert E., Dayton, Ohio, and W. S. Quincy, Jr., Quaker Hill, Conn. High-speed coaxial relay. 2,548,889, Apr. 17.
Kesterton, Henry M., Wroxall, near Warwick, England. Transversely engaged clutch. 2,562,466, July 31.
Kesterton, Henry M., Wroxall, England. Control mechanism for variable-speed gears or other purposes. 2,577,019, Dec. 4.
Kestral Corporation, assignee: *See*—
Marsh, Frederick W.
Ketay, Walter A., Huntington, N. Y. Display hatcher. 2,566,453, Sept. 4.
Ketchledge, Raymond W.: *See*—
Ilgenfritz, Lester M., and Ketchledge.
Ketchum, Arthur L., Park Ridge, assignor to Admiral Corporation, Chicago, Ill. Phonograph pickup. 2,578,809, Dec. 18.
Ketchum Manufacturing Co. Limited, assignee: *See*—
Mackey, Alexander S.
Ketchum, William R., Maricopa County, Ariz. Method and apparatus for extracting juice from citrus pulp. 2,572,352, Oct. 23.
Ketchum, William R., Phoenix, Ariz. Purifying citrus juices. 2,545,581, Mar. 20.
Ketelsen, Peter, assignor to Air Appliances, Inc., Wichita, Kans. Air cleaner. 2,565,690, Aug. 28.
Ketelsen, Peter, assignor to Air Appliances, Inc., Wichita, Kans. Method and apparatus for supplying a liquid to a fluid pressure medium under flow. 2,565,691, Aug. 28.
Keto, August I., Sharon, Pa., assignor, by mesne assignments, to the United States of America as represented by the Secretary of the Navy. Control device. 2,538,156, Jan. 16.
Kett Tool Company, The, assignee: *See*—
Koett, Albert C.
Kettel, Daniel G., Port Angeles, Wash. Gardening tool. 2,554,911, May 29.
Ketterer, Stanley J., St. Louis, Mo. Attachment for converting semiautomatic firearms to full automatic. 2,572,872, Oct. 30.
Kettering, Charles F., assignor to General Motors Corporation, Detroit, Mich. Humidity control. 2,563,341, Aug. 7.
Kettering, Charles F., and W. S. Erwin, assignors to General Motors Corporation, Detroit, Mich. Suppressing transverse modes of oscillation in a piezoelectric crystal. 2,543,500, Feb. 27.
Kettering, Eugene W., Hinsdale, Ill., assignor to General Motors Corporation, Detroit, Mich. Locomotive ventilating and cooling system. 2,566,212, Aug. 28.
Ketterman, Sylvan K., Muncie, Ind. Piano action. 2,550,153, Apr. 24.
Ketterman, Sylvan K., Muncie, Ind. Organ. 2,558,299, June 26.
Kettler, Alfred H., Collingswood, N. J., assignor to Radio Corporation of America. Microphone. 2,544,536, Mar. 6.
Kettler, Alfred H., Collingswood, N. J., assignor to Radio Corporation of America. Close talking microphone. 2,560,354, July 10.
Kettler, Clarence J.: *See*—
Degnan, William J., and Kettler.
Keuffel, Carl W.: *See*—
Beeber, Allan R. A., Jacobus, and Keuffel.
Keuffel & Esser Company, assignee: *See*—
Beeber, Allan R. A., Jacobus, and Keuffel.
Kienast, John F.
Schneider, Walter H.
Keulemans, Aloysius I. M.: *See*—
Vlugter, Johannes C., Keulemans, and 't Hart.
Keuning, Klaas J.: *See*—
Bos, Julius G., Dippel, Houtman, Keuning, and Wijtzes.
Bos, Julius G., Haack, Dippel, and Keuning.
Keuper, William J., assignor to The National Marking Machine Company, Cincinnati, Ohio. Inking means for laundry marking machines. 2,566,213, Aug. 28.
Keuper, William J., assignor to The National Marking Machine Company, Cincinnati, Ohio. Keyboard locking mechanism for laundry listing machines. 2,573,847, Nov. 6.
Keusch, Edwin F., Verona, and L. O. Reichelt, Cranford, N. J., assignors to Western Electric Company, Incorporated, New York, N. Y. Hydraulic press control. 2,567,715, Sept. 11.
Key, Claude L., Milton, Oreg. Apparatus for separating solids according to their specific gravities. 2,554,495, May 29.
Key, Clyde E., Arkadelphia, Ark. Artificial bait body. 2,542,776, Feb. 20.
Key, Don E.: *See*—
Burge, James S., and Key.
Keye, William R.: *See*—
Cohen, Arnold A., Keye, and Tompkins.
Haller, Cecil E., and Keye.
Keyes, George G., and G. Sim, assignors to Teletype Corporation, Chicago, Ill. Telegraphically controlled timing mechanism. 2,543,174, Feb. 27.
Keyes, Grafton H., and L. G. S. Brooker, assignors to Eastman Kodak Company, Rochester, N. Y. Dialkylaminobenzylidene dyes. 2,538,008, Jan. 16.
Keyes, Grafton H., A. H. Herz, and L. G. S. Brooker, assignors to Eastman Kodak Company, Rochester, N. Y. Photographic material containing dialkylaminobenzylidene filter dye. 2,538,009, Jan. 16.
Keyes, Grafton H., and L. G. S. Brooker, assignors to Eastman Kodak Company, Rochester, N. Y. Photographic sensitizing dyes comprising a benzoxazole nucleus. 2,575,018, Nov. 13.
Keyes, Harry A., Mission, Tex. Spotting board. 2,565,133, Aug. 21.
Keys, Clarence B., Sherman Oaks, Calif. Demountable leg. 2,544,504, Mar. 6.
Keys, Howard R., Philadelphia, Pa. Closure. 2,563,847, Aug. 14.
Keyser, Earl H.: *See*—
Lutz, Jean V., and Keyser.
Keysor, Harold C., assignor to American Steel Foundries, Chicago, Ill. Side bearing. 2,541,769, Feb. 13.
Keyston Bros., assignee: *See*—
Toby, Max E.
Keystone Bakery, Inc., assignee: *See*—
Braun, Louis H.
Keystone Development Corporation, assignee: *See*—
Wolf, Alexander.
Keystone View Company, assignee: *See*—
Alexander, Harry S.
Mast, Gifford M., and Gannett.
Keystone Wire Cloth Company, assignee: *See*—
Blaser, Herman J.
Khalil, Seyed, New York, N. Y. Flexible valve. 2,574,266, Nov. 6.
Khalil, Seyed, New York, N. Y. Differential tire. 2,574,267, Nov. 6.

Kharasch, Morris S., Chicago, Ill., assignor to the United States of America as represented by the Secretary of War. Stabilization of cyanogen chloride. 2,565,771, Aug. 28.
Kharasch, Morris S., Chicago, Ill., assignor to United States Rubber Company, New York, N. Y. Adducts of 1-alkenes with polyhalogenated alkanes. 2,574,832, Nov. 13.
Kharbanda, Sant R. R., assignor to Pye Limited, Cambridge, England. Combined television and sound system. 2,550,821, May 1.
Khouri, Alfred S., and R. L. Wolff, assignors to Globe-Union Inc., Milwaukee, Wis. Printed electronic circuit. 2,566,666, Sept. 4.
Kiachif, Messoud: *See*—
Ham, William C., Hitt, and Kiachif.
Kibler, Everett L., Pittsburgh, Pa. Model making apparatus. 2,577,250, Dec. 4.
Kibler, Joseph F.: *See*—
Houser, Samuel G., and Kibler.
Kibler, Paul J., Fort Wayne, Ind., assignor, by mesne assignments, to Farnsworth Research Corporation. Light modulation system. 2,557,974, June 26.
Kice, Murray S., Jr., assignor to American Blower Corporation, Detroit, Mich. Fan and assembly and disassembly. 2,549,208, Apr. 17.
Kidd, George B., Dayton, Ohio. Electronic inverter. 2,547,162, Apr. 3.
Kidde Manufacturing Co., Inc., assignee: *See*—
Noe, Harold C.
Sollmann, Carl H.
Kidder, Charles J., assignor to Link Aviation, Inc., Binghamton, N. Y. Flight computer for grounded aviation trainers. 2,574,570, Nov. 13.
Kiddie Seat Corporation, assignee: *See*—
Bergman, Ed.
Kidney, Carleton B., Easton, Pa., assignor to Ingersoll-Rand Company, New York, N. Y. Pressure fluid seal. 2,555,492, June 5.
Kidwell, Frank L., Phoenix, Ariz. Lens marker. 2,557,295, June 19.
Kiebert, Martin V., Jr., United States Navy. Frequency modulated radio-type distance measuring device. 2,543,782, Mar. 6.
Kiedish, Anita: *See*—
Miller, Harold, and Kiedish.
Kiefer, Augustine J., Pittsburgh, Pa. Window structure. 2,574,742, Nov. 13.
Kiefer, Emil, Pforzheim, Germany, assignor to R. A. Kiefer, Elberon, N. J. Expandible link strap. 2,561,381, July 24.
Kiefer, George C., Brackenridge, Pa., assignor to Allegheny Ludlum Steel Corporation. Lining for vessels. 2,537,466, Jan. 9.
Kiefer, John J., St. Louis, Mo. Lever type lid removing device, including a container supporting surface. 2,554,948, May 29.
Kiefer, Karl, Machine Company, The, assignee: *See*—
Fechheimer, Paul R.
Kiefer, Richard A., assignee: *See*—
Kiefer, Emil.
Kiefer, Walter J., Belvidere, Ill. Sink for treating hair. 2,552,894, May 15.
Kiefer, William R., assignee: *See*—
Duerr, Carl F., Jr.
Kieffer, Dale C.: *See*—
Caldwell, Paul, and Kieffer.
Kieft, Cyril, and Company Limited, assignee: *See*—
Jackson, Harold E.
Kiehl, Norman, St. Louis, Mo. Feed wheel for wire-working machines. 2,554,253, May 22.
Kiekhaefer, Elmer C., Cedarburg, Wis. Outboard motor. 2,547,128, Apr. 3.
Kiekhaefer, Elmer C., Cedarburg, Wis. Gear case unit for outboard motors. 2,549,477, Apr. 17.
Kiekhaefer, Elmer C., Cedarburg, Wis. Internal-combustion engine. 2,549,478, Apr. 17.
Kiekhaefer, Elmer C., Cedarburg, Wis. Drive shaft housing for outboard motors. 2,549,479, Apr. 17.
Kiekhaefer, Elmer C., Cedarburg, Wis. Tachometer arrangement for outboard motors. 2,549,480, Apr. 17.
Kiekhaefer, Elmer C., Cedarburg, Wis. Reversible outboard motor. 2,549,481, Apr. 17.
Kiekhaefer, Elmer C., Cedarburg, Wis. Internal-combustion engine. 2,549,482, Apr. 17.
Kiekhaefer, Elmer C., Cedarburg, Wis. Tilt handle above the center of gravity on outboard motor housings. 2,549,483, Apr. 17.
Kiekhaefer, Elmer C., Cedarburg, Wis. Underwater gear unit for outboard motors. 2,549,484, Apr. 17.
Kiekhaefer, Elmer C., Cedarburg, Wis. Outboard motor protecting rim. 2,549,485, Apr. 17.
Kiekhaefer, Elmer C., Cedarburg, Wis. Steering mounting for outboard motors. 2,549,486, Apr. 17.
Kiekhaefer, Elmer C., Cedarburg, Wis. Drive shaft housing for outboard motors. 2,555,548, June 5.
Kieley and Mueller, Inc., assignee: *See*—
Ives, Clifford B.
Kielland, Kaspar K., Sogn, near Oslo, assignor, by mesne assignments, to N. Alfsen, Stabekk, (Mrs.) A. Gunderson, Lysaker, K. K. Kielland, Sogn, near Oslo, Norway, and A. Ruths, Stockholm, Sweden. Hot-water accumulating plant. 2,550,822, May 1.
Kienast, John F., River Edge, assignor to Keuffel & Esser Company, Hoboken, N. J. Brownprint fixing composition containing alkali thiosulfate, alkali oxalate, and a surface active wetting agent. 2,578,075, Dec. 11.
Kienninger, John F., Los Angeles, assignor to Technicolor Motion Picture Corporation, Hollywood, Calif. Imbibition printing. 2,577,332, Dec. 4.
Kienow, Orwald E., South Acton, assignor to Raytheon Manufacturing Company, Newton, Mass. Terminal device for absorbing electromagnetic energy. 2,567,379, Sept. 11.
Kiesel, Bernhard F.: *See*—
McLaughlin, Frank L., and Kiesel.
Kiesel, Bernhard F., Detroit, Mich., assignor of one-half to B. K. Kiesel. Nut. 2,555,090, May 29.
Kiesel, Bertha K., assignee: *See*—
Kiesel, Bernhard F.
Kieser, Alois, Bregenz, Austria. Production of a lining for pressure galleries and shafts. 2,568,010, Sept. 18.
Kiesling, Le Roy H., Bay Shore, N. Y. Vertical lift control system. 2,578,431, Dec. 11.
Kiessling, Edward A., River Edge, N. J., F. G. Lake, New York, N. Y., and F. Stephensen, Lyndhurst, assignors, by mesne assignments, to Steel and Alloy Tank Company, Newark, N. J. Warp beam lifting mechanism. 2,575,451, Nov. 20.
Kiessling, Max, assignor to The American Fastener Company, Waterbury, Conn. Snap fastener carding machine. 2,575,019, Nov. 13.
Kifer, William Z., Tulsa, Okla. Parking meter resetting attachment. 2,553,260, May 15.
Kiff, Ben W., Ona, W. Va., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Fungicide. 2,540,171, Feb. 6.
Kight, William D., Cincinnati, Ohio. Combination switch contact and rivet. 2,565,373, Aug. 21.
Kihlberg, Sven G., assignee: *See*—
Cardell, Olof.
Kihlgren, Theodore E., Berkeley Heights, N. J., and J. S. Bryner, State College, Pa., assignors to The International Nickel Company, Inc., New York, N. Y. Nickel-chromium-iron welding electrode. 2,576,123, Nov. 27.
Kihn, Harry, Lawrenceville, N. J., assignor to Radio Corporation of America. Ultra high frequency side band filter network. 2,536,504, Jan. 2.
Kilander, Acton K., Gibraltar, assignor, by mesne assignments, to Trenton Chemical Company, Trenton, Mich. Separating starch and gluten. 2,557,032, June 12.
Kilar, John F., Rahway, and J. H. V. Veer, Westfield, N. J., assignors, by mesne assignments, to National Pneumatic Co., Inc., Boston, Mass. Door operation and control. 2,578,810, Dec. 18.
Kilborn-Sauer Company, The, assignee: *See*—
Sauer, Frederick.
Kilbourne, Charles E.: *See*—
Flynn, Edward J., and Kilbourne.
Kilburn Mill, assignee: *See*—
Bennett, Ralph M.
Kilby, Harry R.: *See*—
Feldstein, Henry H., and Kilby.
Kilby, William: *See*—
Hannay, Robert S. E., Kilby, and Edmead.
Kiley, Lewis Y.: *See*—
Ladd, Elbert C., and Kiley.
Kilgore Chemicals, Inc., assignee: *See*—
Kilgore, Lowell B.
Kilgore, Clyde T., Atlanta, Ga. Load bracing bulkhead. 2,543,175, Feb. 27.
Kilgore, Lee A., Export, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Two-speed polyphase dynamoelectric machine. 2,575,716, Nov. 20.
Kilgore, Lowell B., assignor to Kilgore Chemicals, Inc., Washington, D. C. Deodorant compositions. 2,544,093, Mar. 6.
Kilgore Manufacturing Company, The, assignee: *See*—
Clauser, Herbert C., and Long.
Kilgore, Otis H., Santa Ana, Calif. Water bag holder. 2,572,353, Oct. 23.
Kilgore, Vaughn L., assignor to The Rudy Furnace Company, Dowagiac, Mich. Water heater. 2,560,768, July 17.
Kilheffer, Lawrence D.: *See*—
Carey, Edward J., and Kilheffer.
Compton, Justin S., and Kilheffer.
Kilian, Jerome J., Minneapolis, Minn. Blade sharpener. 2,570,690, Oct. 9.
Killark Electric Manufacturing Company, assignee: *See*—
Desloge, Joseph.
Kille, Lindley A.: *See*—
Giroud, Henry A., Irwin, Kille, Retallack, Riggs, and Strickler.
Killengreen, Jens A., Bryne, Jaeren, Norway. Manufacture of a soft cheese product. 2,558,256, June 26.
Killin, Ernest A., Battle Creek, Mich. Combined clothes and dish washer. 2,563,046, Aug. 7.
Killingsworth, B. J., assignee: *See*—
Killingsworth, Samuel J.
Killingsworth, Carl, Columbus, Ohio. Bottle carrier. 2,558,182, June 26.
Killingsworth, S. W., assignee: *See*—
Killingsworth, Samuel J.

Killingsworth, Samuel J., assignor of thirty-five per cent to W. H. Horton, six and five-tenths per cent to B. J. Killinsgworth, six and five-tenths per cent to K. Koon, six and five-tenths per cent to A. R. Ogletree, Brewton, and six and five-tenths per cent to S. W. Killingsworth, Flomaton, Ala. Wheel retainer for vehicles. 2,543,854, Mar. 6.

Killip, Robert E., West Kirby, assignor to J. Bibby & Sons Limited, Liverpool, England. Expressing machine. 2,538,316, Jan. 16.

Killip, Robert E., West Kirby, assignor to J. Bibby & Sons Limited, Liverpool, England. Expressing machine. 2,556,499, June 12.

Killoran, Joseph L., Drummondville, Quebec, Canada, assignor to Celanese Corporation of America. Drive for traverse mechanism. 2,575,385, Nov. 20.

Killsman, Paul, New York, N. Y. Fountain pen. 2,554,335, May 22.

Kilminster, Arthur R., Birmingham, assignor to Hunter-Penrose Limited, London, England. Control device for association with an automatic progression mechanism for repetitive image production. 2,537,353, Jan. 9.

Kilminster, George, Birmingham, assignor of one-half to Ega Electric Limited, Wednesbury, England. Electric switchgear. 2,544,761, Mar. 13.

Kilminster, Shirley A., assignor to V. J. and N. C. Hadley, Smethwick, England. Speech intercommunication system between remote points. 2,554,912, May 29.

Kilness, Luther E., Sioux Falls, S. Dak. Ratchet mechanism. 2,554,990, May 29.

Kilpatrick, James C.: *See*—
Park, Charles W., and Kilpatrick.

Kilpatrick, Lester L.: *See*—
Seid, Eugene, and Kilpatrick.

Kilpatrick, Myron O.: *See*—
Hepp, Harold J., and Kilpatrick.

Kilpatrick, Wilford G.: *See*—
Harrison, William R., Kilpatrick, Zimmerman, Sproul, and Galleher.

Kilpatrick, William J., Detroit, and L. F. Butler, Highland Park, Mich. Dispensing mechanism for bulk material. 2,575,920, Nov. 20.

Kilpela, Ano E., Detroit, Mich., assignor to Borg-Warner Corporation, Chicago, Ill. Clutch control for marine transmission. 2,575,665, Nov. 20.

Kiltie, Ordean, assignor to Ballastran Corporation, Fort Wayne, Ind. Transformer and reactor for fluorescent lighting units. 2,554,782, May 29.

Kim, Richard K. Y., Honolulu, territory of Hawaii. Voice coil for radio loud-speakers. 2,538,691, Jan. 16.

Kimball, A., Company, assignee: *See*—
Marsh, Alonzo K.

Kimball, Albert W., Buffalo, N. Y., and M. H. Fisher, Pittsburgh, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Current limit generator. 2,546,003, Mar. 20.

Kimball, Charles N., Johnson County, Kans., W. R. Lewis, Clay County, Mo., and H. A. Strecker, Wyandotte County, Kans., assignors to C. J. Patterson Company, Kansas City, Mo. Apparatus for testing material. 2,542,928, Feb. 20.

Kimball, Cyril S., Yonkers, N. Y., assignor to Foster D. Snell, Inc. Ammonium hydroxide composition. 2,554,913, May 29.

Kimball, Donald B., and W. H. McDowell, assignors to Eastman Kodak Company, Rochester, N. Y. Eliminating stain in photographic color material. 2,571,725, Oct. 16.

Kimball, Frank T., South Norwalk, Conn., assignor to Orizar Products Inc. Food article and making. 2,538,202, Jan. 16

Kimball, Garcia O., Belmont, Mass. Liquid butter applier. 2,556,092, June 5.

Kimball, James F., Jackson, Mich. Vehicle pickup apparatus. 2,564,111, Aug. 14.

Kimball, James R., assignee: *See*—
Simmons, Howard A.

Kimball, John B., San Gabriel, assignor to Consolidated Vultee Aircraft Corporation, San Diego, Calif. Tank with flexible diaphragm and spiral internal discharge channel. 2,542,929, Feb. 20.

Kimbell, Arthur W., West Newton, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Nut device. 2,552,794, May 15.

Kimberley, Walter R.: *See*—
Weyenberg, Henry, and Kimberley.

Kimberlin, Charles N., Jr., Baton Rouge, La., assignor to Standard Oil Development Company. Hydrocarbon synthesis catalyst. 2,550,416, Apr. 24.

Kimberlin, Charles N., Jr., Baton Rouge, La., assignor to Standard Oil Development Company. Drying hydrogel microspheres. 2,552,323, May 8.

Kimberlin, Charles N., Jr., Baton Rouge, La., assignor to Standard Oil Development Company. Treatment of microspherical particles to render them nonagglomerating. 2,570,063, Oct. 2.

Kimberlin, Charles N., Jr., and J. P. Bilisoly, Baton Rouge, La., assignors to Standard Oil Development Company. Preparation of catalysts containing silica and alumina or magnesia or both. 2,551,014, May 1.

Kimberlin, Charles N., Jr., and J. P. Bilisoly, Baton Rouge, La., assignors to Standard Oil Development Company. Preparation of catalysts containing silica and a metal oxide and with or without magnesia. 2,551,015, May 1.

Kimberlin, Charles N., Jr., and A. B. Small, Baton Rouge, La., assignors to Standard Oil Development Company. Grease containing silica gel treated with a polyhydric alcohol. 2,563,606, Aug. 7.

Kime, Harry B., Drexel Hill, Pa. Apparatus for testing fire-resistant material. 2,566,338, Sept. 4.

Kimerline, Charles W., assignee: *See*—
Lutz, Theodore E.

Kimes, George B., Tulsa, Okla. Calculator for determining fish activity peaks. 2,545,364, Mar. 13.

Kimm, Ewald J.: *See*—
Curtis, Russell R., and Kimm.

Kimmell, Arthur, Albuquerque, N. Mex. Electric carburetor heater. 2,576,401, Nov. 27.

Kimple, Virgil R., Los Angeles, Calif. Musical instrument. 2,570,816, Oct. 9.

Kincaid, Homer F., Carbon Cliff, Ill., J. D. Graham, Louisville, Ky., R. M. Baker, E. M. Wharff, and J. A. Redmond, Baltimore, Md., assignors of one-half to International Harvester Company, Rock Island, Ill., and one-half to Westinghouse Electric Corporation, East Pittsburgh, Pa. Heat-treatment of irregular metallic objects. 2,564,906, Aug. 21.

Kincaid, John F., Mount Holly, N. J., and J. S. Strong, assignors to Rohm & Haas Company, Philadelphia, Pa. Preparation of nickel carbonyl. 2,548,727, Apr. 10.

Kincaid, John F., Mount Holly, N. J., and J. S. Strong, assignors to Rohm & Haas Company, Philadelphia, Pa. Preparation of nickel carbonyl. 2,548,728, Apr. 10.

Kincaid, Wade A., Navy Yard, S. C. Card holder for display fixtures. 2,548,027, Apr. 10.

Kincannon, Leo T., assignor to Metal Products Corporation, Milwaukee, Wis. Outboard motor water pump. 2,536,374, Jan. 2.

Kinch, Allen C., South Bend, Ind. Gauge for measuring width and lead in screw threads. 2,579,832, Dec. 25.

Kindelberger, James H., Pacific Palisades, Calif. Self-locking bolt. 2,568,640, Sept. 18.

Kindland, Erick N., Jamestown, N. Y. Hammer having replaceable striking heads. 2,570,691, Oct. 9.

Kindler, Florian F.: *See*—
Prondzinski, August J., and Kindler.

Kindley, Wendell E., assignee: *See*—
Walters, Herbert E.

Kindling, Alexander, East Pittsburgh, Pa. Machine-tool fixture. 2,569,005, Sept. 25.

Kindred MacLean & Company, Inc., assignee: *See*—
Klein, Charles E.

Kindseth, Harold V.: *See*—
Belcher, Daniel, and Kindseth.

Kindseth, Harold V., assignor to Bemis Bro. Bag Company, Minneapolis, Minn. Apparatus for filling bags. 2,548,222, Apr. 10.

Kindseth, Harold V., Minneapolis, and J. E. Zeller, Jr., St. Louis Park, assignors to Bemis Bro. Bag Co., Minneapolis, Minn. Control mechanism for sewing machines. 2,539,627, Jan. 30.

Kinetic Mixer Company, Inc., The, assignee: *See*—
Pullar, Harold B.

King, Alexander H., West Hartford, assignor to United Aircraft Corporation, East Hartford, Conn. Refrigerant cooled intercooler. 2,571,256, Oct. 16.

King, Archie P., Red Bank, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Microwave radar antenna. 2,575,058, Nov. 13.

King, Arthur R.: *See*—
Wise, David L., and King.

King, Arthur S., Kansas City, Mo. Combined internal-combustion engine and supercharger. 2,547,327, Apr. 3.

King, Bertell W., Brooklyn, N. Y. Dry dock. 2,550,823, May 1.

King, Burnham W., Jr., Shaker Heights, and A. O. Tesar, assignors to The Harshaw Chemical Company, Cleveland, Ohio. Ceramic pigments. 2,552,795, May 15.

King, Burnham W., Jr., Shaker Heights, and L. C. Baumhardt, Elyria, assignors to The Harshaw Chemical Company, Cleveland, Ohio. Opaquing agents for vitreous enamels and making. 2,555,272, May 29.

King, Carl B., Drilling Company, assignee: *See*—
Schabarum, Bruno R.

King, Carl B., Bluefield, W. Va. Tool with cushioned hand grip. 2,579,930, Dec. 25.

King, Carl M.: *See*—
Dietert, Harry W., Steinmueller, and King.

King, Charles C., Roselle, and N. L. Dickinson, Basking Ridge, assignors to The M. W. Kellogg Company, Jersey City, N. J. Separation of organic compounds. 2,552,564, May 15.

King, Charles M., El Monte, assignor to Baker Oil Tools, Inc., Los Angeles, Calif. Packing flow preventing device. 2,555,647, June 5.

King, Charles S. W.: *See*—
Rowe, Oliver R., King, and Stolp.

King, Clarence A., Fort Worth, Tex. Fishing rod holder. 2,542,253, Feb. 20.

King, Claude F., assignee: *See*—
Susdorf, Lloyd R.

King, Clifford J., Malartic, Quebec, Canada. Automatic safety device for mine cages. 2,555,041, May 29.

King Converters, Inc., assignee: *See*—
Leccese, Vincent L.

King, David M., Chicago, Ill., assignor to Illinois Watch Case Co. Radio apparatus construction. 2,545,959, Mar. 20.

King, Dewey M., Nitro, W. Va. Heat-sealing receptacles. 2,557,975, June 26.
King, Donald M., Hitchin, England. Device for controlling the operation of electric switches. 2,574,397, Nov. 6.
King, Dudley S., London, England. Dewatering or drying of peat. 2,566,943, Sept. 4.
King, Edward O., Farmersville Station, N. Y. Garment hanger. 2,568,235, Sept. 18.
King, Ellis G.: *See*—
Weaver, Harold E., and King.
King, Ernest L., administrator: *See*—
King, Frank A.
King, Floyd C., Walled Lake, Mich. Fishing reel. 2,572,354, Oct. 23.
King, Floyd D., Phoenix, Ariz. Flower holder. 2,577,251, Dec. 4.
King, Frank A., deceased, Los Angeles, by W. S. King, Tujunga, E. L. King, Los Angeles, Calif., and A. W. Tedstrom, Parsons, Kans., administrators, assignor to M. L. King, Tujunga, Calif. Fishing reel. 2,540,338, Feb. 6.
King, Frank A., deceased, Los Angeles, Calif., by A. W. Tedstrom, Parsons, Kans., E. L. and W. S. King, Los Angeles, Calif., administrators. Casting reel. 2,561,801, July 24.
King, Frank A., deceased, late of Los Angeles, Calif., by W. S. King, Tujunga, E. L. King, Los Angeles, Calif., and A. W. Tedstrom, Parsons, Kans., administrators, assignors to M. L. King, Tujunga, Calif. Reeling mechanism. 2,569,006, Sept. 25.
King, Gaither J., Norfolk, Va. Mechanical hand powered soap bubble maker. 2,547,825, Apr. 3.
King, George E., Edgewood, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Reactor controlled adjustable speed drive. 2,558,094, June 26.
King, George E., Williamsville, N. Y., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Motor control system. 2,575,717, Nov. 20.
King, George W., and F. N. Gillette, Pleasantville, N. Y., assignors to General Precision Laboratory Incorporated. Line brightness equalization circuit. 2,569,240, Sept. 25.
King, Hurley L., assignee: *See*—
Jones, Morton L.
King, Inez T.: *See*—
King, Paul W., and I. T.
King, Irving, assignee: *See*—
West, Merle J.
King, Jack A.: *See*—
Palm, John W., and King.
King, James C.: *See*—
Byerley, Garold, and King.
King, John A., Albany, and F. H. McMillan, Troy, assignors, by mesne assignments, to Winthrop-Stearns Inc., New York, N. Y. Arylthioalkanoamides and their preparation. 2,568,011, Sept. 18.
King, John G., Arlington, Mass., assignor, by mesne assignments, to The Pennsylvania Research Corporation. Composite oscillator and amplifier system. 2,552,721, May 15.
King, John G., Arlington, Mass. assignor, by mesne assignments, to The Pennsylvania Research Corporation. Electromagnetic accelerometer. 2,552,722, May 15.
King, John W., and J. J. McNamee, assignors to Miles Park Machine & Tool, Inc., Cleveland, Ohio. Bail ear for containers. 2,571,369, Oct. 16.
King, Julius H., New York, N. Y. Cup forming and dispensing mechanism for beverage vending machines. 2,575,386, Nov. 20.
King, Kenneth A., Orange, Calif. Traverse mechanism. 2,539,667, Jan. 30.
King Kone Corporation, assignee: *See*—
Tatosian, Harry G.
King, L. D. Percival, Santa Fe, N. Mex., C. P. Baker, Ithaca, N. Y., and R. E. Schreiber, McMinnville, Oreg., assignors to the United States of America as represented by the United States Atomic Energy Commission. Hydrogen purification system. 2,536,610, Jan. 2.
King, Laurence F.: *See*—
Sproule, Lorne W., and King.
King, Lawrence S., assignor to King-Yates, Oklahoma City, Okla. Resilient drive coupling. 2,560,958, July 17.
King, Lilbern S., and J. D. Kaylor, assignors of one-third to J. C. Murphy, Atlanta, Ga. Chassis inverting device. 2,557,228, June 19.
King, Louis A., Haddonfield, N. J., assignor to Radio Corporation of America. Electronic keying device. 2,536,646, Jan. 2.
King, Louis A., Haddonfield, N. J., assignor to Radio Corporation of America. Electric timing device. 2,578,557, Dec. 11.
King, Mary L., assignee: *See*—
King, Frank A.
King, Michael C., Pittsburgh, Pa., assignor to United States Steel Company. Galvanizing. 2,546,451, Mar. 27.
King, Paul B., Jr., Mountain Lakes, assignor to Aircraft Radio Corporation, Boonton, N. J. Wave guide. 2,574,790, Nov. 13.
King, Paul W., and I. T. King, Falls Church, Va. Safety scissors box. 2,559,636, July 10.
King, Peter: *See*—
Alexander, Allen L., and King.
King Pneumatic Tool Company, assignee: *See*—
Roberton, Lloyd T.
King, Raymond E., Denver, Colo. Hearing aid attachment for use on French type telephones. 2,544,027, Mar. 6.
King, Richard E., York, Pa. Automatic amplitude control for oscillators. 2,543,030, Feb. 27.
King, Robert E., Fillmore, Calif. Potato punch. 2,557,191, June 19.
King, Roland M., Salisbury, N. C. Internal-combustion engine with energy storing means. 2,559,970, July 10.
King, Rollin W., and E. Berlant, Jackson Heights, assignors, by mesne assignments, to Graflex, Inc., Rochester, N. Y. Automatic reflex camera with diaphragm adjustment and flash synchronizer means. 2,550,698, May 1.
King Sales & Engineering Co., assignee: *See*—
McGihon, Leonard.
King-Seeley Corporation, assignee: *See*—
Boddy, Leonard, and Atwood.
Darnell, Rex C.
Sivacek, Emil E.
King, Virgil L., El Dorado, Kans. Fishing lure. 2,580,104, Dec. 25.
King, William E.: *See*—
Whitzel, Raymond T., and King.
King, William H.: *See*—
Badertscher, Darwin E., and King.
King, William P., Los Angeles, Calif. Child's perambulator and auto seat. 2,574,743, Nov. 13.
King, William R., Longview, Tex. Power operated tire changing device. 2,537,189, Jan. 9.
King, William S., administrator: *See*—
King, Frank A.
King-Yates, assignee: *See*—
King, Lawrence S.
Kingdon, Ralph H.: *See*—
Jackson, John G., and Kingdon.
Kingdon, Ralph H., assignor to Square D Company, Detroit, Mich. Solderless connector. 2,539,628, Jan. 30.
Kingdon, William V., Indianapolis, Ind. Lockable latch and catch construction. 2,545,038, Mar. 13.
Kinghorn, Charles M., assignor to Cresswell Roll Forming Company Limited, Montreal, Quebec, Canada. Joint for interlocking wall and roof covering strips. 2,565,610, Aug. 28.
Kinghorn, Charles M., assignor to Cresswell Roll Forming Company Limited, Montreal, Quebec, Canada. Sash frame. 2,576,348, Nov. 27.
Kingman, Barclay A., Orange, assignor to Metal Textile Corporation, West Orange, N. J. End closure for knitted metallic mesh scouring devices. 2,553,051, May 15.
Kingman, Rufus M., assignor, by mesne assignments, to Hewlett-Packard Company, Palo Alto, Calif. Shaft coupling. 2,551,328, May 1.
Kingsbury, Albert W.: *See*—
Cooperson, Norman, and Kingsbury.
Kingsbury, Burton A., Madison, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Parallel T electrical wave transmission network. 2,567,380, Sept. 11.
Kingsbury, Chadwick B.: *See*—
Carter, Ralph H., and Kingsbury.
Kingsbury, Chadwick B., Elizabethton, Tenn., assignor to North American Rayon Corporation, New York, N. Y. Double twist spindle. 2,576,124, Nov. 27.
Kingsbury Cotton Oil Co., assignee: *See*—
Peterson, Clarence J.
Kingsbury, Franklin L., Westfield, N. J., assignor to National Lead Company, New York, N. Y. Producing orthotitanic acid. 2,564,365, Aug. 14.
Kingsbury, Franklin L., Westfield, and F. J. Schultz, Fords, N. J., assignors to National Lead Company, New York, N. Y. Recovery of vanadium values from waste liquors. 2,576,462, Nov. 27.
Kingsbury Machine Works, Inc., assignee: *See*—
Lakey, Arthur B.
Needs, Sydney J.
Kingsbury, Thomas H., assignor to American Buff Company, Chicago, Ill. Ventilated buffing wheel. 2,539,844, Jan. 30.
Kingslake, Rudolf: *See*—
Turner, John R., and Kingslake.
Kingslake, Rudolf, and H. F. Bennett, assignors to Eastman Kodak Company, Rochester, N. Y. Optical system comprising a positive member and a weak auxiliary member. 2,559,881, July 10.
Kingsley, David G., Mountain Lakes, assignor to Stapling Machines Co., Rockaway, N. J. Box-part making machine. 2,578,936, Dec. 18.
Kingsley, Ray, Atlanta, Ga. Measuring instrument. 2,552,324, May 8.
Kingston, Jonas A., Tilehurst, assignor to Gascoignes (Reading) Limited, Reading, England. Milk cooling device. 2,536,752, Jan. 2.
Kingston Products Corporation, assignee: *See*—
Geiger, Hermann, and Weber.
Rieth, Harold F.
Kinkead, Robert S., St. Paul, Minn. Spider for lawn mower reels. 2,545,520, Mar. 20.
Kinker, Clarence C., Defiance, Ohio, assignor to O'Neill Patents Limited. Glassware forming machine. 2,570,817, Oct. 9.
Kinley, Jack, assignee: *See*—
McMahan Durward B.

Kinley, M. M., assignee: *See*—
McMahan, Durward B.
Kinley, Myron M., Houston, Tex. Flow button for well pipes. 2,540,122, Feb. 6.
Kinley, Myron M., Houston, Tex. Insert strainer plug for well casings. 2,540,123, Feb. 6.
Kinley, Myron M., Houston, Tex. Insert orifice and tool therefor. 2,544,601, Mar. 6.
Kinn, Theodore P., Baltimore, Md., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Progressive dielectric heating. 2,546,004, Mar. 20.
Kinnaird, William R., Riverside, assignor to Universal Oil Products Company, Chicago, Ill. Bubble cap and downspout unit. 2,551,016, May 1.
Kinnaird, William R., Riverside, assignor to Universal Oil Products Company, Chicago, Ill. Autothermic cracking reactor. 2,576,228, Nov. 27.
Kinne, Clifton B., Needham, Mass., assignor to Interchemical Corporation, New York, N. Y. Trigger circuits. 2,572,038, Oct. 23.
Kinnear, Clarence W., Houston, Tex. Drill. Re. 23,416, Oct. 16.
Kinnear, Harry B., and G. P. Krumlauf, Columbus, Ohio, assignors, by mesne assignments to Chromium Mining & Smelting Corporation, Limited, Sault Ste. Marie, Ontario, Canada. Treatment of cast iron. 2,541,521, Feb. 13.
Kinnear, James W., Jr., Pittsburgh, Pa., assignor to United States Steel Company. Armor plate and making same. 2,562,467, July 31.
Kinney, Elwin M., Atlanta, Ga. Seat attachment. 2,577,197, Dec. 4.
Kinney, Joseph, Jr., Bradford Woods, Pa., assignor to American Cladmetals Company. Procedure for making composite metal strip. 2,558,093, June 26.
Kinney, Raymond L., Sr., Atlanta, Ga. Magnetic shaving collector for drills. 2,548,314, Apr. 10.
Kinney, S. P., Engineers, Inc., assignee: *See*—
Kinney, Selwyne P., and Hartwick.
Kinney, Selwyne P., Crafton, and L. M. Hartwick, Beaver, assignors, by mesne assignments, to S. P. Kinney Engineers, Inc., Pittsburgh, Pa. Blast furnace stove. 2,542,680, Feb. 20.
Kinney, Selwyne P., Crafton, and L. M. Hartwick, Beaver, assignors, by mesne assignments, to S. P. Kinney Engineers, Inc., Pittsburgh, Pa. Gas washer. 2,542,681, Feb. 20.
Kinney, Walter B., Bainbridge, assignor to The Borden Company, New York, N. Y. Adhesive composition. 2,570,561, Oct. 9.
Kinney, Wilbur C., Vista, Calif. Pipe coupling. 2,573,203, Oct. 30.
Kinraide, William T. R., Waynesboro, Va., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Apparatus for treating shaped articles with fluids. 2,568,920, Sept. 25.
Kinsella, Edward, Spondon, near Derby, England, assignor to Celanese Corporation of America. Shaft gland. 2,571,257, Oct. 16.
Kinsey Corporation, assignee: *See*—
Kinsey, Lewis R.
Kinsey, George, Norwood, Ontario, Canada. Vehicle bumper. 2,539,955, Jan. 30.
Kinsey, Harold V., Manor Park Village, Ontario, Canada, assignor to His Majesty the King in the right of Canada, as represented by the Minister of Mines and Technical Surveys. Nickel aluminum base alloys. 2,542,962, Feb. 20.
Kinsey, Lewis R., assignor to Kinsey Corporation, New York, N. Y. Semitrailer. 2,547,269, Apr. 3.
Kinsley, Jason D., Cedar Rapids, Iowa. Artificial denture. 2,570,562, Oct. 9.
Kinter, Leroy, Grafton, W. Va. Stair hand cart. 2,565,237, Aug. 21.
Kintner, Charles J., Birmingham Township, Chester County, Pa., and W. P. Hall, assignors to Joseph Bancroft & Sons Co., Wilmington, Del. Cloth water bag. 2,550,697, May 1.
Kinton, James P., Lansing, Mich. Stirrer. 2,577,896, Dec. 11.
Kintz, Earl E., Bratenahl Village, Ohio. Rack. 2,572,355, Oct. 23.
Kintzinger, Henry W.: *See*—
Koppang, Earl T., and Kintzinger.
Kinzelman, Gerald W., Chicago, Ill. Ammunition clip. 2,578,706, Dec. 18.
Kinzer, John P.: *See*—
Kannenberg, Walter F., Kinzer, Schramm, and Wilson.
Kinzer, John P., Ridgefield, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electrical space resonator having a high ratio between quality factor and volume. 2,541,925, Feb. 13.
Kinzle, Arthur R., Davenport, Iowa. Ammunition repair apparatus. 2,549,820, Apr. 24.
Kipfer, Max M., New Kensington, assignor to Aluminum Company of America, Pittsburgh, Pa. Transfer mechanism. 2,576,402, Nov. 27.
Kipling, Alexander J., Hampton Hill, England. Sound producing toy. 2,551,680, May 8.
Kipnis, Abraham, Forest Hills, N. Y. Prepared pastry flour and producing the same. 2,567,815, Sept. 11.
Kipnis, Frank, Cleveland, Ohio, assignor to American Home Foods, Inc., New York, N. Y. Tetrahydropyransulfide compounds. 2,562,042, July 24.
Kipnis, Frank, Morris Plains, and J. Ornfelt, Morristown, N. J., assignors, by mesne assignments, to American Home Foods, Inc., New York, N. Y. Hemimercaptals. 2,560,531, July 17.
Kipp, Ralph P., Ossining, N. Y. Sheet material cutting device. 2,568,961, Sept. 25.
Király, Endre, Ujpest, Hungary, assignor to D. D. Sekely, Ann Arbor, Mich. Indexing head. 2,572,161, Oct. 23.
Kirby, Arthur J., assignee: *See*—
Gomer, William H.
Kirby, Benjamin B., Kansas City, Mo. Station indicator. 2,575,174, Nov. 13.
Kirby Chemical Company, Inc., assignee: *See*—
Stephenson, Raymond W.
Kirby-Cogeshall-Steinau Co., assignee: *See*—
Steinau, Norvin J.
Kirby, Herbert D., Hayden Lake, Idaho, assignor to Progressive-Assembly Cameras, Inc., New York, N. Y. Camera box structure. 2,553,656, May 22.
Kirby, Herbert H., and C. B. Thorington, Long Beach, Calif. Collapsible telescope stand. 2,559,971, July 10.
Kirby, James B., West Richfield, Ohio. Airflow controlled nozzle adjustment for vacuum cleaners. 2,555,887, June 5.
Kirby, James E., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Tertiary diacyl amine insecticide. 2,545,287, Mar. 13.
Kirby, James E., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Alkylene-bis-carbamyl-amino-and guanidylcyclohexanes. 2,551,378, May 1.
Kirby, John F., Jr.: *See*—
Moss, Franklin, and Kirby, Jr.
Kirby, John H., II, Houston, Tex. Magnetic fishing tool. 2,539,435, Jan. 30.
Kirby, John H., II, Houston, Tex. Side-wall coring device. 2,546,668, Mar. 27.
Kirby, John H., II, Houston, Tex. Hydraulic side wall coring tool. 2,546,669, Mar. 27.
Kirby, John H., II, Houston, Tex. Hydraulically operable side-wall coring tool. 2,546,670, Mar. 27.
Kirby, John H., II, Houston, Tex. Formation testing tool. 2,552,433, May 8.
Kirby, Joseph H., assignor to The Trendex Co., Memphis, Tenn. Treating black grease and product thereof. 2,547,014, Apr. 3.
Kirby, Kathryn, assignor to W. Harrison Young, Inc., New York, N. Y. Check valve. 2,578,076, Dec. 11.
Kirby, Wilfred: *See*—
Nasmith, John I., and Kirby.
Kirby-Smith, John S.: *See*—
Crawford, Francis W., and Kirby-Smith.
Kirchel, Alan A., assignor to Creed and Company Limited, Croydon, England. Keyboard controlled telegraph apparatus. 2,559,637, July 10.
Kircher, Paul J., Plainville, assignor to Landers, Frary & Clark, New Britain, Conn. Relief pressure valve for pressure cookers. 2,536,505, Jan. 2.
Kircher, Ralph N.: *See*—
Krueger, Robert G., and Kircher.
Kirchmeyer, Frederick J., and E. E. Moore, Waukegan, Ill., assignors to Abbott Laboratories. Vasoconstrictor amine salts of N′-acyl sulfanilamides. 2,540,786, Feb. 6.
Kirchner, Franklin H., Buffalo, N. Y. Beverage dispensing apparatus. 2,551,842, May 8.
Kirchner, George J.: *See*—
Ottinger, Harry, and Kirchner.
Kirchner, George J., Lorain, Ohio, assignor to National Tube Company. Pipe transfer apparatus. 2,573,848, Nov. 6.
Kirchner, Henry P.: *See*—
Melton, Romie L., Benner, and Kirchner.
Kirk & Blum Manufacturing Company, The, assignee: *See*—
Cox, Stanley L.
Kirk, Cassius L., assignee: *See*—
Magnuson, Roy M.
Kirk, Cassius L., Bozeman, Mont., assignor of one-third to G. H. Ballantyne, San Jose, and one-third to R. M. Magnuson, Campbell, Calif. Quick-freeze apparatus and method. 2,563,938, Aug. 14.
Kirk, Chester H., Jr., Cranston, assignor to American Tube Products, Incorporated, Natick, R. I. Ring pipe hanger. 2,539,783, Jan. 30.
Kirk, Douglas, Hudson, Ohio, assignor to The Quaker Oats Company, Chicago, Ill. Closure for paper containers. 2,547,871, Apr. 3.
Kirk, Edward B., assignor to Donald Deskey Associates, New York, N. Y. Lighting fixture having a reflector with a compound curvature. 2,557,787, June 19.
Kirk, F. J., Molding Co., Inc., assignee: *See*—
Jolie, Robert A.
Kirk, Francis E.: *See*—
Vogel, Oliver G., and Kirk.
Kirk, Francis E., Oak Park, assignor to Hotpoint Inc., Chicago, Ill. Electric hot plate hinge device. 2,565,432, Aug. 21.
Kirk, James A., assignor to J. A. Kirk and G. E. Young, co-partners, doing business as Kirk & Young Machine Co., East Walpole, Mass. Trigger release toggle clamp. 2,544,329, Mar. 6.
Kirk, Ralph L., Bellevue, Pa. Clearance indicator. 2,569,529, Oct. 2.

Kirk, Roy C.: *See*—
Fry, Ashford B., Kirk, and George.
George, Percy F., Fry, and Kirk.
Kirk, Walter B.: *See*—
Hines, Claude M., and Kirk.
Kirk, Wayne C., South Bend, Ind., and M. K. Parkhurst; said Kirk assignor to L. W. Burch, New York, N. Y. Thermostatically controled mixing valve. 2,550,069, Apr. 24.
Kirk, William, Jr., New Castle, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Thiocarbamic acid derivatives of alkylenebis (cyclohexyl amine). 2,561,208, July 17.
Kirk & Young Machine Co., assignee: *See*—
Kirk, James A.
Kirkbride, Chalmer G., Wallingford, Pa., assignor to Houdry Process Corporation, Wilmington, Del. Conversion of hydrocarbons in the presence of a solid particulate contact material, utilizing a molten metal as the conveying medium. 2,547,015, Apr. 3.
Kirkbride, John F., and P. C. Whitener, Seattle, Wash., assignors to Boeing Airplane Company. Tank filler pipe and closure. 2,570,818, Oct. 9.
Kirkby, George E., Louisville, Ky. Overload circuit breaker. 2,536,944, Jan. 2.
Kirkby, Henry W., and C. Sykes, assignors to Thos. Firth & John Brown Limited, Sheffield, England. Alloy steels for use at elevated temperatures. 2,556,373, June 12.
Kirkham, Edward E.: *See*—
Sieklucki, Alfred P., and Kirkham.
Kirkland, Glenn I., Silver Springs, and G. E. Waters, College Park, Md., assignors to the United States of America as represented by the Secretary of the Navy. Telemetric tachometer. 2,541,422, Feb. 13.
Kirkland, John B., Leonia, N. J., and R. R. Lamm, Philadelphia, Pa., assignors to The Patent and Licensing Corporation, New York, N. Y. Adhesive composition containing isobutylene-conjugated diolefin copolymer. 2,537,766, Jan. 9.
Kirkland, Lewis P., San Diego, Calif. Toilet paper dispenser. 2,551,138, May 1.
Kirkman, Chester A., R. D., and W. A., Los Angeles, Calif. Rotary house base. 2,563,531, Aug. 7.
Kirkman, Russell D.: *See*—
Kirkman, Chester A., R. D., and W. A.
Kirkman, Wesson A.: *See*—
Kirkman, Chester A., R. D., and W. A.
Kirkpatrick, Hiram S., Fayetteville, N. C. Drying tobacco. 2,562,043, July 24.
Kirkpatrick, Joseph H., Jr., Darby, Pa. Localized alarm system. 2,547,016, Apr. 3.
Kirkpatrick, Joseph R.: *See*—
Resek, Marc, Day, and Kirkpatrick.
Kirkpatrick, Paul H., Palo Alto, assignor to Research Corporation, Santa Monica, Calif. Short-wave electromagnetic radiation catoptrics. 2,557,662, June 19.
Kirkpatrick, Paul H., Stanford University, Calif., assignor to Research Corporation, New York, N. Y. Formation of X-ray images by refractive focusing. 2,559,972, July 10.
Kirkpatrick, Willard H., Sugar Land, assignor to Visco Products Company, Houston, Tex. Chemical demulsifying composition and demulsification method. 2,568,742, Sept. 25.
Kirkpatrick, Willard H., Sugar Land, assignor to Visco Products Company, Houston, Tex. Resolving emulsions. 2,568,743, Sept. 25.
Kirkpatrick, Willard H., Sugar Land, assignor to Visco Products Company, Houston, Tex. Demulsifying composition and breaking an oil-in-water emulsion. 2,568,745, Sept. 25.
Kirkpatrick, Willard H., Sugar Land, assignor to Visco Products Company, Houston, Tex. Resolving emulsions. 2,572,868, Oct. 30.
Kirkpatrick, Willard H., Sugar Land, assignor to Visco Products Company, Houston, Tex. Chemical compositions and the preparation thereof. 2,577,198, Dec. 4.
Kirkpatrick, Willard H., and D. L. Wilson, Sugar Land, assignors to Visco Products Company, Houston, Tex. Alkylated polycyclic sulfonates. 2,568,736, Sept. 25.
Kirkpatrick, Willard H., Sugar Land, Tex., and D. L. Wilson, Bellflower, Calif., assignors to Visco Products Company, Houston, Tex. Reverse detergents. 2,568,737, Sept. 25.
Kirkpatrick, Willard H., Sugar Land, Tex., and D. L. Wilson, Bellflower, Calif., assignors to Visco Products Company, Houston, Tex. Resolving emulsions. 2,568,738, Sept. 25.
Kirkpatrick, Willard H., Sugar Land, Tex., and E. T. Kocher, Bellflower, Calif., assignors to Visco Products Company, Houston, Tex. Resolving emulsions. 2,568,739, Sept. 25.
Kirkpatrick, Willard H., Sugar Land, Tex., and D. L. Wilson, Pasadena, Calif., assignors to Visco Products Company, Houston, Tex. Demulsifying compositions. 2,568,740, Sept. 25.
Kirkpatrick, Willard H., Sugar Land, Tex., and E. T. Kocher, Bellflower, Calif., assignors to Visco Products Company, Houston, Tex. Process and compositions for resolving petroleum emulsions. 2,568,741, Sept. 25.
Kirkpatrick, Willard H., Sugar Land, Tex., and D. L. Wilson, Pasadena, Calif., assignors to Visco Products Company, Houston, Tex. Emulsion breaking. 2,568,746, Sept. 25.
Kirkpatrick, Willard H., Sugar Land, Tex., and E. T. Kocher, Bellflower, Calif., assignors to Visco Products Company, Houston, Tex. Mixed ester amine polybasic acid compositions. 2,568,747, Sept. 25.
Kirkpatrick, Willard H., Sugar Land, Tex., and D. L. Wilson, Pasadena, Calif., assignors to Visco Products Company, Houston, Tex. Compositions and process for resolving emulsions. 2,568,748, Sept. 25.
Kirkpatrick, William E., Chatham, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signal sampling and modulation. 2,547,397, Apr. 3.
Kirksey, Amos H., Los Angeles, Calif. Headlock for dumping hoists. 2,539,086, Jan. 23.
Kirksey, Amos H., Vernon, Calif. Combined pipe and electric coupling. 2,542,536, Feb. 20.
Kirkwood, Loren R.; *See*—
Torre, Alton J., and Kirkwood.
Kirsch, Adelaide T., Erie, Pa. Hair curler. 2,561,666, July 24.
Kirsch Company, assignee: *See*—
Ford, Ledger D., and Stutz.
Stutz, Frederick L.
Kirsch, Edward M., Evansville, Ind. Screw and push type double jar or container connector. 2,562,496, July 31.
Kirschbaum, Harry M., Detroit, Mich. Aspirating dissector. 2,555,493, June 5.
Kirschenbauer, Hans G., Allendale, N. J., and J. H. Percy, deceased, Woodmere, N. Y.; by C. L. Percy, executrix, New York, N. Y., assignors to Colgate-Palmolive-Peet Company, Jersey City, N. J. Manufacturing soap. 2,567,381, Sept. 11.
Kirschenbaum, Samuel, Brooklyn, N. Y. Drop device. 2,576,403, Nov. 27.
Kirshen, Howard R.: *See*—
Seymour, George W., White, and Kirshen.
Kirschner, Henry E., St. Joseph, Mo. Hose reel. 2,547,826, Apr. 3.
Kirshenbaum, Abraham D.: *See*—
Rudel, Harry W., and Kirshenbaum.
Kirshenbaum, Isidor, Rahway, and K. K. Kearby, Cranford, N. J., assignors to Standard Oil Development Company. Hydrocarbon synthesis catalyst. 2,553,415, May 15.
Kirshenbaum, Isidor, Rahway, and R. K. Grover, Plainfield, N. J., assignors to Standard Oil Development Company. Hydrocarbon synthesis promoter. 2,563,607, Aug. 7.
Kirst, Werner, Konigstein, (Taunus), assignor to Naphtol-Chemie Offenbach, Offenbach, (Main), Germany. Dyeing fur skins with insoluble azo dyestuffs. 2,553,375, May 15.
Kirsten, Hugo R., Brooklyn, N. Y. Belt buckle lock. 2,536,063, Jan. 2.
Kirstin, Alfred J., assignor to National Aluminum Manufacturing Co., Peoria, Ill. Pressure cooker. 2,552,098, May 8.
Kirtley, Robert E., Chicago, Ill. Mixing valve. 2,573,716, Nov. 6.
Kirtner, Bud E., E. Barker, M. Williams, and A. Jackson, Chattaroy, W. Va. Mine car safety stop. 2,569,858, Oct. 2.
Kirtogian, Mike, St. Louis, Mo. Tally device. 2,541,423, Feb. 13.
Kirton, Thomas A., Jacksonville, Fla. Combination square and level. 2,536,447, Jan. 2.
Kish, Michael, Jr., Hightstown, assignor to Atlantic Products Corporation, Trenton, N. J. Golf bag. 2,568,810, Sept. 25.
Kish Plastic Products, Inc., assignee: *See*—
Kish, Steven P.
Kish, Steven P., assignor to Kish Plastic Products, Inc., Lansing, Mich. Making plastic die racks. 2,565,134, Aug. 21.
Kishline, Floyd F., assignor to Nash Kelvinator Corporation, Kenosha, Wis. Fuel feeding device. 2,563,939, Aug. 14.
Kisling, William L., St. Louis County, Mo. Steam separator. 2,557,788, June 19.
Kisner, Howard A., Watson, W. Va. Helicopter rotor control. 2,563,047, Aug. 7.
Kissell, Michael, Washington, D. C. Attachment for typewriters or like printing mechanisms for producing offsetting of printed impressions. 2,544,998, Mar. 13.
Kisselle, John M., Detroit, Mich. Cigarette tray. 2,576,019, Nov. 20.
Kissick, Russell P.: *See*—
Gettys, Harold R., and Kissick.
Kissick, Russell P., assignor to Stacey Brothers Gas Construction Company, Cincinnati, Ohio. Welding torch. 2,547,872, Apr. 3.
Kissinger, Lewis E., Washington, D. C. Delayed arming device for mines. 2,551,608, May 8.
Kist, Fred C., Mandan, N. Dak. Marking buoy. 2,562,922, Aug. 7.
Kistiakowski, George B., Santa Fe, N. Mex., assignor to the United States of America as represented by the Secretary of the Navy. Spontaneous ignition of gasoline and nitric acid. 2,563,532, Aug. 7.
Kistler, Irwin D., Philadelphia, Pa., assignor to American Chain & Cable Company, Inc., Bridgeport, Conn. Mechanism for expanding and applying elastic tires to wheels. 2,564,069, Aug. 14.

Kistler, Samuel S., West Boylston, assignor to Norton Company, Worcester, Mass. Regenerative kiln. 2,571,897, Oct. 16.

Kistner, Frederick J.: *See*—
Plimmer, Alfred G., and Kistner.

Kistner, Harold J., Union, N. J., assignor to International Business Machines Corporation, New York, N. Y. Storage device for record controlled computers. 2,580,303, Dec. 25.

Kistner, Merrill M., Winsted, Conn. Steam iron. 2,561,382, July 24.

Kitahara, George T., Los Angeles, Calif. Article dispenser. 2,565,030, Aug. 21.

Kitcat, Alfred J., Somerset West, Cape Province, Union of South Africa. Stitching machine for bookbinding and like purposes. 2,541,367, Feb. 13.

Kitchel, George B., Oklahoma City, Okla., assignor, by mesne assignments, to Standard Oil Development Company, Elizabeth, N. J. Compounding of reciprocating pumps. 2,565,374, Aug. 21.

Kitchen, Leland J., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Stabilization of rubber and rubbery polymers and the stabilized products. 2,537,636, Jan. 9.

Kitchen, Leland J., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. 6,6-dimethyl-2-vinyl-bicyclo-(3.1.1-2-heptene and its production. 2,537,638, Jan. 9.

Kitchen, Leland J., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Rearrangement of terpenyl aryl ethers. 2,537,647, Jan. 9.

Kitchen, Leland J., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Stabilization of rubbery compositions. 2,560,037, July 10.

Kitchen, Leland J., and J. C. Ambelang, assignors to The Firestone Tire & Rubber Company, Akron, Ohio. Nondiscoloring antioxidants for natural rubber and synthetic rubbers. 2,560,028, July 10.

Kitchens, Jess R., assignor of thirty per cent to J. B. Driskill, Duncan, Okla. Combined motor truck and conveyer. 2,539,021, Jan. 23.

Kite, Don N., deceased, Hinsdale, Ill.; M. E. Feldkamp, administratrix of said D. N. Kite, assignor to M. E. Feldkamp and M. K. Kite. Device for deveining shrimps. 2,537,836, Jan. 9.

Kite, Mary K., assignee: *See*—
Kite, Don N.

Kitlica, Stephen F., Beloit, Wis. Elbow drawbench. 2,565,971, Aug. 28.

Kitman, Isaac I., assignor to J. Kitman, Pittsburgh, Pa. Thermal circuit breaker. 2,563,174, Aug. 7.

Kitman, Isaac I., assignor to J. Kitman, Pittsburgh, Pa. Thermal circuit breaker. 2,563,175, Aug. 7.

Kitman, Julia, assignee: *See*—
Kitman, Isaac I.

Kitselman, Harry L., assignor to Indiana Steel and Wire Company, Muncie, Ind. Wire netting machine. 2,544,838, Mar. 13.

Kitselman, Harry L., assignor to Indiana Steel & Wire Company, Muncie, Ind. Serving tool. 2,567,907, Sept. 11.

Kittas, William, Fort Lauderdale, Fla. Adjustable concrete form clamp. 2,538,526, Jan. 16.

Kittel, Walter, Gmunden, Austria. Contact plate construction. 2,568,749, Sept. 25.

Kittler, Milton J., Detroit, Mich., assignor to G. M. and E. Holley. Automatic choke. 2,538,570, Jan. 16.

Kittler, Milton J., Detroit, Mich., assignor to G. M. and E. Holley. Combined carburetor choke and nozzle. 2,547,873, Apr. 3.

Kittler, Milton J., Detroit, Mich., assignor to G. M. and E. Holley. Valve mechanism for heating controls. 2,564,112, Aug. 14.

Kittler, Milton J., Detroit, Mich., assignor to G. M. and E. Holley. Concentric carburetor. 2,564,113, Aug. 14.

Kittler, Milton J., Detroit, Mich., assignor to G. M. and E. Holley. Automatic choke. 2,564,114, Aug. 14.

Kittler, Milton J., Detroit, and A. G. Winter, Pleasant Ridge, Mich., assignors to G. M. and E. Holley. Automobile engine carburetor choke valve. 2,538,569, Jan. 16.

Kittleson, Allen R.: *See*—
Green, Arthur D., Ohsol, and Kittleson.
Hawley, Roger S., and Kittleson.
Hawley, Roger S., Kittleson, and Smith.
Swaney, Miller W., and Kittleson.

Kittleson, Allen R., Cranford, N. J., assignor to Standard Oil Development Company. Parasiticidal compounds containing the $NSCCl_3$ group. 2,553,770, May 22.

Kittleson, Allen R., Cranford, N. J., assignor to Standard Oil Development Company. Manufacture of N-trichloromethylthioimides. 2,553,776, May 22.

Kittleson, Allen R., Cranford, and M. W. Swaney, Westfield, N. J., assignors to Standard Oil Development Company. Fungicidal compositions containing nitromethanal phenyl hydrozones. 2,548,480, Apr. 10.

Kittleson, Allen R., Cranford, and H. L. Yowell, Westfield, N. J., assignors to Standard Oil Development Company. Preparing N-trichloromethylthio imides. 2,553,771, May 22.

Kittleson, Allen R., Cranford, and H. L. Yowell, Westfield, N. J., assignors to Standard Oil Development Company. Parasiticidal compositions of olefins and perchloromethyl mercapton. 2,553,772, May 22.

Kittleson, Allen R., Cranford, and L. A. Mikeska, Westfield, N. J., assignors to Standard Oil Development Company. Hydrogenated dicyclopentadiene insecticide. 2,561,209, July 17.

Kittner, Harry, New York, N. Y., assignor to Heirloom Needle Work Guild, Inc. Turfing tool. 2,565,135, Aug. 21.

Kitto, William H.: *See*—
McMaster, Archie J., and Kitto.

Kittredge, Arthur E.: *See*—
Joos, Charles E., and Kittredge.

Kittredge, Emma, Seattle, Wash. Collapsible garment hanger. 2,576,761, Nov. 27.

Kittredge, Raymond E.: *See*—
Chapple, Kenneth H., and Kittredge.

Kitzes, Arnold S.: *See*—
Coulter, Samuel T., Montonna, and Kitzes.

Kivari, Arthur M.: *See*—
Kelly, Earl M., and Kivari.

Kivell, William J., assignor to Monroe Auto Equipment Company, Monroe, Mich. Vehicle stabilizing apparatus. 2,557,354, June 19.

Kivley, Ray C., Kenmore, assignor to Western Electric Company, Incorporated, New York, N. Y. Wire coating apparatus. 2,577,132, Dec. 4.

Kivo, Irving, Brooklyn, N. Y. Brassière construction. 2,570,819, Oct. 9.

Kizaur, Arthur J., Wauwatosa, Wis., assignor to General Electric Company. X-ray apparatus. 2,567,566. Sept. 11.

Kizaur, Arthur J., Wauwatosa, Wis., assignor to General Electric Company. Tilting cantilever table top structure. 2,568,236, Sept. 18.

Kizer, Robert "B": *See*—
Williams, Donald R., and Kizer.

Kjeldergaard, Albert O., Bejou, Minn. Signaling device for indicating fires or high-temperature conditions in room areas. 2,569,062, Sept. 25.

Kjellberg, Ragnar, Gullanget, assignor to Aktiebolaget Tobo Bruk, Tobo, Sweden. Ski. 2,544,028, Mar. 6.

Kjellman, Walter, Stockholm, Sweden. Drainage method and device. 2,577,252, Dec. 4.

Kjellgren, Bengt: *See*—
Jaffe, Hans, Brazis, and Kjellgren.

Kjerulff, Anton P., Lake Charles, La. Sectional sewer rod and a swivel coupling therefor. 2,557,119, June 19.

Klaar, Max, San Mateo, Calif. Pencil holder. 2,575,591, Nov. 20.

Klages, Chester F., Ross Township, Allegheny County, Pa., assignor to G. W. Klages & Sons, Inc. Glass edging machine. 2,561,929, July 24.

Klages, G. W., & Sons, Inc., assignee: *See*—
Klages, Chester F.

Klagsbrunn, Josef, Geneva, Switzerland. Centrifugal mill. 2,546,860, Mar. 27.

Klammer, William C., assignor to Automatic Electric Manufacturing Company, Mankato, Minn. Circuit for timing devices. 2,548,028, Apr. 10.

Klammer, William C., R. A. and L. A. Schneider, and P. W. Mattson, assignors to Automatic Electric Manufacturing Company, Mankato, Minn. Timing mechanism. 2,536,133, Jan. 2.

Klamp, Paul, Detroit, Mich. Variable-speed transmission. 2,554,463, May 22.

Klanner, Rudolf, Vienna, Austria, assignor to Seetru Products Limited, Bristol, England. Pivoted door. 2,561,627, July 24.

Klapman, Philip A., trustee, assignee: *See*—
Plice, William A.

Klapman, Rodney K., Detroit, Mich., assignor to Watson Manufacturing Company, Inc., Jamestown, N. Y. Exposed filing and record keeping equipment. 2,552,434, May 8.

Klapper, Eric: *See*—
Lowenstein, Otto, Loewenfeld, and Klapper.

Kupper, William H., West Hartford, Conn., assignor to Royal Typewriter Company, Inc., New York, N. Y. Mechanism for varying the tension of normalizing springs of typewriters or like machines. 2,567,946, Sept. 18.

Klapproth, Frederick D.: *See*—
Christman, John J., and Klapproth.

Klapproth, William J., Jr., Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Preparation of melamine. 2,575,629, Nov. 20.

Klar, Adolph, New York, N. Y. Hair clip. 2,536,448, Jan. 2.

Klar, Elof P.: *See*—
Eckert, Joseph, and Klar.

Klasey, John H.: *See*—
Wiegner, Joseph W., Gilda, Klasey, and Barnes.

Klassen, Ralph J., Lompoc, and E. M. Olsen, Avenal, Calif. Dump bailer. 2,572,493, Oct. 23.

Klasing, Arthur P. *See*—
George, Walter C., and Klasing.

Klatt, William, Saco, Mont. Minnow bucket. 2,538,462, Jan. 16.

Klay, George H., assignor to The Triplett Electrical Instrument Co., Bluffton, Ohio. Selector switch. 2,561,930, July 24.

Klebanoff, Michael: *See*—
Blickman, Mannes N., and Klebanoff.

Kleber, Eugene V.: *See*—
George, Melvin F., Jr., and Kleber.
Kleber, Jackson O., Long Island City, N. Y. Plastic mold cycle control apparatus. 2,536,506, Jan. 2.
Kleber, Jackson O., Long Island City, N. Y. Magnetic pickup arm biasing device. 2,539,784, Jan. 30.
Klee, Henry O.: *See*—
Sparks, Carter W., Klee, and Sparks.
Kleen, Werner: *See*—
Dohler, Oskar, Huber, and Kleen.
Kleiber, Heinz, assignor to Aktiengesellschaft Fuer Technische Studien, Zurich, Switzerland. Method of and apparatus for preventing slagging in tubular element gas heating furnaces. 2,565,857, Aug. 28.
Klein, Arthur, Bridgeport, Conn. Gun sight. 2,555,888, June 5.
Klein, Charles E., Queens Village, assignor to Kindred MacLean & Company, Inc., Long Island City, N. Y. Display device. 2,575,452, Nov. 20.
Klein, Clarence F., assignor to Frankenberg Bros., Inc., Columbus, Ohio. Novelty paperboard carton. 2,550,417, Apr. 24.
Klein, Clarence J., Marland Heights, W. Va., assignor to National Steel Corporation. Apparatus for brushing a strip. 2,537,675, Jan. 9.
Klein, David X., Passaic, and M. N. Curgan, Clifton, N. J., assignors to Heyden Chemical Corporation, New York, N. Y. Plastisols containing nitrogenous viscosity controlling agents. 2,548,433, Apr. 10.
Klein, Gustav, Melrose Park, assignor to Caloric Stove Corporation, Philadelphia, Pa. Cooking stove. 2,560,959, July 17.
Klein, Hyman J., Closter, N. J. Sliding panel. 2,553,459, May 15.
Klein, Joseph, Richmond Hill, N. Y. Combination purse and billfold. 2,569,241, Sept. 25.
Klein, Joseph E., Cleveland, Ohio. Photographic apparatus. 2,540,124, Feb. 6.
Klein, Joseph R., Los Angeles, Calif. Louvered window. 2,559,442, July 3.
Klein, Louis E., assignor to Monsanto Chemical Company, St. Louis, Mo. Stabilization of furfuryl alcohol. 2,561,667, July 24.
Klein, Matthew J., Maywood, Ill. Paper shredding apparatus. 2,549,973, Apr. 24.
Klein, Michael R., South San Francisco, Calif., assignor to American Totalisator Company, Inc., Baltimore, Md. Totalizator. 2,557,384, June 19.
Klein, Morris, assignor to Eskimo Pie Corporation, Bloomfield, N. J. Defrosting apparatus for freezing molds. 2,579,931, Dec. 25.
Klein, Norman E., Clemson, S. C., assignor to the United States of America as represented by the Secretary of the Navy. Gear drive for dial mechanisms. 2,552,488, May 8.
Klein, Norman E., Clemson, assignor to Deering Milliken Research Trust, Pendleton, S. C. Device for controlling textile machines. 2,569,475, Oct. 2.
Klein, Norman E., Clemson, S. C., assignor to Deering Milliken Research Trust, New York, N. Y. Process and machine for converting textile filaments. 2,573,717, Nov. 6.
Klein, Norman E., Stamford, Conn., assignor to Deering Miliken Research Trust, Pendleton, S. C. Double-twist twisting mechanism. 2,549,821, Apr. 24.
Klein, Richard A., Boston, Mass., assignor to McCormick & Co., Incorporated, Baltimore, Md. Display rack. 2,562,497, July 31.
Klein, Robert L., Shrewsbury, Mass., assignor to The Trustees of Stevens Institute of Technology, Hoboken, N. J. Wear resistant material and making such material. 2,537,591, Jan. 9.
Klein, Victor G.: *See*—
Rotter, Lutwin C., and Klein.
Klein, Victor G., St. Louis, and L. C. Rotter, Maplewood, assignors to Lincoln Engineering Company, St. Louis, Mo. Valve. 2,569,766, Oct. 2.
Klein, Walter A., and R. R. Trull, Midland, and E. V. Dettmer, Bay City, assignors to The Dow Chemical Company, Midland, Mich. Apparatus for preshrinking crystalline vinylidene chloride copolymer film. 2,540,986, Feb. 6.
Klein, William F., Watertown, N. Y., assignor to The New York Air Brake Company. Air brake with anti-slide control. 2,577,897, Dec. 11.
Klein, William H., Baltimore, and C. N. Stover, Towson, Md., assignors to Western Electric Company, Incorporated, New York, N. Y. Tiltable table. 2,561,741, July 24.
Kleiner, Willy, Rapperswil (St. Gallen), Switzerland. Molding of plastic articulators. 2,566,131, Aug. 28.
Kleinert, I. B., Rubber Co., assignee: *See*—
Collester, Maude P.
Kleinert, Theodor, Vienna, Austria, assignor to Lenzinger Zellwolle- und Papierfabrik Aktiengesellschaft, Lenzing-Agerzell, Upper-Austria. Treating of cellulose material. 2,560,391, July 10.
Kleinfeld, Ewald H., Saginaw, Mich. Finger splint. 2,548,378, Apr. 10.
Kleinhans, Arthur B., Easton, Pa. Operating means for greenhouse ventilating panels. 2,573,340, Oct. 30.
Kleinhans, Schuyler, assignor to Douglas Aircraft Company, Inc., Santa Monica, Calif. Ejecting device. 2,552,181, May 8.
Kleinschmidt, Edward E., Highland Park, Ill. Telegraph system. 2,573,718, Nov. 6.
Kleinschmidt, Roger F.: *See*—
Jelinek, Charles F., and Kleinschmidt.
Wilkinson, Joseph M., Pedlow, and Kleinschmidt.
Kleinschmidt, Roger F., Belvidere, N. J., assignor to General Aniline & Film Corporation, New York, N. Y. Hexamethyl benzene compounds. 2,542,417, Feb. 20.
Kleinschmidt, Roger F., Easton, Pa., assignor to General Aniline & Film Corporation, New York, N. Y. Preparation of malonaldehyde oximes. 2,560,227, July 10.
Kleis, Derk: *See*—
Bourgonjon, Louis R., Horowitz, Kleis, Slooff, van Tol, and Unk.
Kleis, Derk, and A. van Weel, Eindhoven, Netherlands, assignors to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Push-pull mixing circuit. 2,554,107, May 22.
Kleis, John D.: *See*—
Halverson, Gilbert, and Kleis.
Kleis, John D., Lake Forest, assignor to Fansteel Metallurgical Corporation, North Chicago, Ill. Electrical contact. 2,548,164, Apr. 10.
Kleis, John D., Lake Forest, and G. Halverson, Libertyville, assignors to Fansteel Metallurgical Corporation, North Chicago, Ill. Contact assembly. 2,547,947, Apr. 10.
Kleiser, Emil H., Jr., deceased, by N. E. Kleiser, administratrix, Tampa, Fla. Inflated beach pillow with sun visor. 2,561,931, July 24.
Kleiser, Nell E., administratrix: *See*—
Kleiser, Emil H., Jr.
Kleist, Herman W., assignor to Dole Refrigerating Company, Chicago, Ill Freezer plate. 2,538,014, Jan. 16.
Kleist, Herman W., assignor to Dole Refrigerating Company, Chicago, Ill. Liquid cooler. 2,538,015, Jan. 16.
Kleist, Herman W., assignor to Dole Refrigerating Company, Chicago, Ill. Liquid cooler. 2,538,016, Jan. 16.
Kleist, Herman W., assignor to Dole Refrigerating Company, Chicago, Ill. Heat exchanger for cooling liquids. 2,552,635, May 15.
Kleist, Herman W., assignor to Dole Refrigerating Company, Chicago, Ill. Heat exchange unit for refrigeration. 2,560,453, July 10.
Kleist, Herman W., assignor to Dole Refrigerating Company, Chicago, Ill. Tunnel freezer. 2,570,250, Oct. 9.
Klem, Peter G., Webster, N. Y. Machine for sizing vegetables. 2,547,473, Apr. 3.
Klema, Ernest D., Salina, Kans., assignor to the United States of America as represented by the United States Atomic Energy Commission. Hydrogen purification method. 2,547,874, Apr. 3.
Klema, Harlow, assignor to George Gorton Machine Co., Racine, Wis. Adjustable compensating tracer style unit. 2,557,876, June 19.
Klement, John F., assignor to Ampco Metal, Inc., Milwaukee, Wis. Copper base alloy. 2,547,129, Apr. 3.
Klemm, William F., Detroit, Mich. Protractor compass. 2,542,537, Feb. 20.
Klemola, Harold H., Los Angeles, assignor to Technicolor Motion Picture Corporation, Hollywood, Calif. Film treating apparatus. 2,551,329, May 1.
Klemperer, Hans, Belmont, assignor to Raytheon Manufacturing Company, Newton, Mass. Ionizing device for electrical precipitators. 2,542,035, Feb. 20.
Klemperer, Hans, Belmont, assignor to Raytheon Manufacturing Company, Newton, Mass. Electrical precipitator. 2,578,558, Dec. 11.
Klemperer, Wolfgang B., Los Angeles, assignor to Douglas Aircraft Company, Inc., Santa Monica, Calif. Cabin pressure control. 2,549,690, Apr. 17.
Klenk, Karl J., Wilmington, Del. Plier type tile piercing tool. 2,575,630, Nov. 20.
Klepal, Albert, Coraopolis, Pa. Grinding gauge. 2,555,447, June 5.
Klepetko, Ernest, Bauer, assignor to Combined Metals Reduction Company, Stockton, Utah. Resin melting. 2,546,364, Mar. 27.
Klepetko, Ernest, Bauer, and P. de B. Kaye, Salt Lake City, assignors to Combined Metals Reduction Company, Stockton, Utah. Apparatus for roasting ores. 2,558,963, July 3.
Kleppen, Emil, and I. B. Hansen, Minneapolis, Minn. Fish lure. 2,543,501, Feb. 27.
Klessig, Ernst F.: *See*—
Gardiner, Duncan B., and Klessig.
Gardiner, Duncan B., Klessig, and Jeannin.
Gardiner, Duncan B., Klessig, and Keel.
Klessig, Ernst, Berkley, assignor to Vickers Incorporated, Detroit, Mich. Flow regulating valve. 2,570,351, Oct. 9.
Klett, Fred F., New Hope, Pa., assignor to American Lava Corporation, Chattanooga, Tenn. Abrading apparatus. 2,554,830, May 29.
Kleven, Arthur E., Augusta, Maine. Platform type sole. 2,557,546, June 19.
Klickstein, Bertha, assignee: *See*—
Keinstein, Beatrice I. and B.
Klickstein, Maurice E., assignee: *See*—
Weinstein, Beatrice I. and B.
Kliegl Bros. Universal Electric State Lighting Co., Inc., assignee: *See*—
Kliegl, Joseph.

Kliegl, Joseph, Queens Village, assignor to Kliegl Bros. Universal Electric Stage Lighting Co., Inc., New York, N. Y. Iris protection apparatus for high-intensity spotlights. 2,558,964, July 3.

Klier, Wilhelm W., El Paso, Tex. Engine crankcase cooling system. 2,575,877, Nov. 20.

Kliever, Waldo H., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Linear force balance angle of attack sensing device. 2,537,932, Jan. 9.

Kliewer, Wesley P., Tulare, Calif. Collapsible laundry hamper. 2,543,243, Feb. 27.

Klíma, Vilém, Prague, assignor of one-half to Moravian Electrical Engineering Works, National Corporation, Olomouc, Czechoslovakia. Winding for armatures of commutator motors. 2,538,527, Jan. 16.

Klíma, Vilém, Prague, assignor of one-half to Moravian Electrical Engineering Works, Olomouc, Czechoslovakia. Direct-current generator. 2,547,582, Apr. 3.

Klimitas, Frank A., Pitman, and H. E. Rasmussen, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated. Production of benzonitrile. 2,540,787, Feb. 6.

Klimitas, Frank A., Pitman, and H. E. Rasmussen, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated. Production of benzonitrile. 2,540,788, Feb. 6.

Klimitas, Frank A., Pitman, and H. E. Rasmussen, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated. Production of benzonitrile. 2,540,789, Feb. 6.

Kline, Bernard L., Manhasset, assignor to The Western Union Telegraph Company, New York, N. Y. Facsimile transmitting means and using same. 2,572,871, Oct. 30.

Kline, George W.: *See*—
Schaperkotter, Leland, and Kline.

Kline, Halsey W., Schenectady, N. Y., assignor to General Electric Company. Moisture content monitor. 2,555,977, June 5.

Kline, Joseph M., Indianapolis, Ind. Porthole to louver converter. 2,562,103, July 24.

Kline, Magnus M., assignor of fifty per cent to C. Gigliotti, Dundalk, Md. Tear-off cap. 2,563,176, Aug. 7.

Kline, Morris, Little Silver, N. J. Radio system. 2,545,472, Mar. 20.

Kline, Robert E.: *See*—
Montgomery, Charles W., Gilbert, and Kline.

Kling, August J., Schenectady, N. Y., assignor, by mesne assignments, to the United States of America as represented by the Secretary of War. Thermocouple tube. 2,543,369, Feb. 27.

Kling Bros. Engineering Works, assignee: *See*—
Kling, Olaf E.

Kling, Fred E.: *See*—
Brassert, Herman A., and Kling.

Kling, Olaf E., assignor to Kling Bros. Engineering Works, Chicago, Ill. Unloading structure for garment cylinders. 2,573,103, Oct. 30.

Klingaman, George W.: *See*—
Foley, Thomas U., and Klingaman.

Klinge, Earl R., assignor to Continental Aviation & Engineering Corporation, Detroit, Mich. Pulse jet metering unit. 2,545,815, Mar. 20.

Klingel, Walter C., Basking Ridge, N. J. Plastic rubber compositions. 2,576,945, Dec. 4.

Klingens, Cornelis, Barendrecht, Netherlands, and J. L. Foster, La Porte, Ind., assignors to U. S. Slicing Machine Company. Slicing machine. 2,563,120, Aug. 7.

Klingens, Cornelis, Barendrecht, Netherlands, and H. Thomas, Chingford, England, assignors to U. S. Slicing Machine Company, Inc. Guard plate for slicing machines. 2,573,629, Oct. 30.

Klingensmith, Robert W., Jeannette, Pa. Vehicle door upholstery cover. 2,539,956, Jan. 30.

Klingenstierna, Claës A., Karlstad, Sweden. Pipe cleaner. 2,561,742, July 24.

Klinger, Frank, assignee: *See*—
Johnston, Edward W.

Klingerit Inc., assignee: *See*—
Jaegle, William C., and Strahman.

Klingler, Robert R., Bloomfield Hills, Mich. Wiper for curved windshields. 2,537,411, Jan. 9.

Klingsberg, Erwin: *See*—
Papa, Domenick, Schwenk, and Klingsberg.

Klinker, Louis G., Griffith, Ind., assignor to The Glidden Company, Cleveland, Ohio. Brazing paste. 2,566,339, Sept. 4.

Klinksiek, Karl, Richmond Heights, assignor to Wagner Electric Corporation, St. Louis, Mo. Stator winding machine. 2,579,585, Dec. 25.

Klinzing, August F., Milwaukee, Wis. Stock watering fountain. 2,539,785, Jan. 30.

Klippert, Andrew A., Hollis, N. Y., assignor to Colgate-Palmolive-Peet Company, Jersey City, N. J. Holder for lipsticks and the like cosmetic material. 2,573,452, Oct. 30.

Klipsch, Paul W., Hope, Ark. Loud-speaker horn. 2,537,141, Jan. 9.

Klocke, William, Woodhaven, N. Y. High-speed mechanical power press. 2,562,044, July 24.

Klocker, Paul A., New Haven, assignor of one-half to The High Standard Manufacturing Corporation, Hamden, Conn., and one-half to Sears, Roebuck and Co., Chicago, Ill. Action lock for self-loading firearms. 2,576,184, Nov. 27.

Kloetzel, Milton C., Los Angeles, Calif., assignor to Commercial Solvents Corporation, Terre Haute, Ind. Preparing nitro esters. 2,554,831, May 29.

Klomp, Alfred W., Detroit, Mich. Grinding machine. 2,552,284, May 8.

Kloner, Irving I., Brooklyn, N. Y. Carton for cushioned shipping and displaying fragile articles. 2,541,368, Feb. 13.

Klonowski, Edmund J., Buffalo, and J. Busch, Tonawanda, N. Y. Venetian blind. 2,549,691, Apr. 17.

Klooz, Paul W., West Hartford, and S. R. Bates, New Britain, assignors to The Holo-Krome Screw Corporation, Hartford, Conn. Feeding mechanism. 2,543,244, Feb. 27.

Klopak, Joseph, Newark, N. J., assignor to General Motors Corporation, Detroit, Mich. Apparatus for dressing convex surfaces on grinding wheels. 2,560,454, July 10.

Klopfenstein, Jess D., Chicago, Ill., assignor to The Meyercord Co. Apparatus for effecting the hardening of deposits of ink and like compositions. 2,544,839, Mar. 13.

Klopner, Lionel P., Fort Worth, Tex. Ratchet for coin controlled machines. 2,577,199, Dec. 4.

Klopp, James W., and W. T. Shelton, U. S. Navy. Helicopter attitude indicator. 2,567,212, Sept. 11.

Kloppmann, Wilbur, Chicago, Ill. Tobacco pipe. 2,565,858, Aug. 28.

Klose, Alfred J., Rolling Hills, assignor to Northrop Aircraft, Inc., Hawthorne, Calif. Rudder for tailless airplanes. 2,559,823, July 10.

Kloski, John F., Hartford, Conn., assignor to Royal Typewriter Company, Inc., New York, N. Y. Action blocking or locking mechanism for power-operated typewriters or like machines. 2,557,976, June 26.

Kloski, John F., Hartford, Conn., assignor to Royal Typewriter Company, Inc., New York, N. Y. Mechanism for varying the tension of normalizing springs of typewriters or like machines. 2,567,943, Sept. 18.

Kloski, John F., Hartford, and W. H. Kupper, West Hartford, Conn., assignors to Royal Typewriter Company, Inc., New York, N. Y. Back spacing mechanism operating means for typewriting or like machines. 2,577,467, Dec. 4.

Kloss, Dale D., Minneapolis, assignor to Champion Motors Company, New Brighton, Minn. Outboard motor with fluid clutch. 2,542,682, Feb. 20.

Klosterman, Joseph J.: *See*—
Gantner, Frederick, Klosterman, and Geers.

Klosterman, Mary, executrix: *See*—
Gantner, Frederick, Klosterman, and Geers.

Klotz, Herman J.: *See*—
Doty, Charles R., Klotz, and Koranye.

Klotz, Robert P.: *See*—
Poore, Edward P., and Klotz.

Klotz, Virgil R., Wichita, Kans. Bicycle carrier for automobiles. 2,552,977, May 15.

Kludt, August, Sioux Falls, S. Dak. Demountable clutch shaft. 2,579,191, Dec. 18.

Kludt, Jonathan, Overland, and H. Parks, assignors to Lincoln Engineering Company, St. Louis, Mo. Spring coiling and assembling. 2,543,370, Feb. 27.

Klug, Charles W., Chicago, Ill., assignor to Productive Inventions, Inc. Compensated temperature control system. 2,548,983, Apr. 17.

Klug, Charles W., assignor to Stewart-Warner Corporation, Chicago, Ill. Gas detection apparatus. 2,549,974, Apr. 24.

Klug, Charles W., assignor to Stewart-Warner Corporation, Chicago, Ill. Apparatus for detection of toxic gases, especially carbon monoxide. 2,561,802, July 24.

Klug, Eugene D., and H. G. Tennent, assignors to Hercules Powder Company, Wilmington, Del. Manufacture of cellulose ethers. 2,572,039, Oct. 23.

Kluge, Paul R.: *See*—
Fischer, Jürgen, and Kluge.

Kluge, William J.: *See*—
Youngblood, Robert N., and Kluge.

Kluglein, Helmuth and T., Valley Stream, N. Y. Parachute. 2,575,387, Nov. 20.

Kluglein, Theobald: *See*—
Kluglein, Helmuth and T.

Klukan, Joseph F.: *See*—
Appel, Bernard P., and Klukan.

Klum, Blaine, deceased, and W. Tucker; F. Klum, administratrix of said B. Klum, assignor, by mesne assignments, to W. Tucker, III, Oakland, Calif. Golf club carrier. 2,577,333, Dec. 4.

Klum, Florence, administratrix: *See*—
Klum, Blaine, and Tucker.

Klumb, George H., assignor to Culligan Zeolite Company, Northbrook, Ill. Cathodic protection for water softeners and filters. 2,560,960, July 17.

Klumb, George H., assignor to Culligan Zeolite Company, Northbrook, Ill. Chemical feeder. 2,573,576, Oct. 30.

Klumpp, Ferdinand, Jr., Union, assignor to Heyman Manufacturing Company, Kenilworth, N. J. Making solderless blades for electrical plug caps. 2,558,052, June 26.

Klusman, Theodore H.: *See*—
Stevenson, Samuel J., Klusman, and Fisher.
Kluson, John E., assignor to Kluson Manufacturing Company, Chicago, Ill. Tuning head for stringed musical instruments. 2,557,877, June 19.
Kluson Manufacturing Company, assignee: *See*—
Heisler, Harold.
Kluson, John E.
Kluttz, Samuel C., deceased, Salisbury, N. C.; R. W. Rufty, administrator, assignor to V. R. Kluttz. Surf board control means. 2,568,549, Sept. 18.
Kluttz, Violet R., assignee: *See*—
Kluttz, Samuel C.
Kluver, James B., Salem, assignor of forty per cent to R. A. Schaeffer, Amity, Oreg. Combination faucet. 2,578,362, Dec. 11.
Klyce, David J., Los Angeles, Calif. Folding table. 2,569,007, Sept. 25.
Kmentt, Waldemar D., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Continuous heater. 2,557,439, June 19.
Kmentt, Waldemar D., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Pole storage rack. 2,575,453, Nov. 20.
Kmieliauskas, Valius V., Montreal, Quebec, Canada. Telescoping drum. 2,546,452, Mar. 27.
Knaak, Carl L., assignor of one-half to W. G. Succop, Pittsburgh, Pa. Crown block double roller bearing. 2,562,045, July 24.
Knab, Max, Brooklyn, assignor to Philips Laboratories, Inc., Irvington-on-Hudson, N. Y. X-ray cone assembly. 2,570,820, Oct. 9.
Knaggs, Elton B., Lapeer, Mich. Milk metering device. 2,566,729, Sept. 4.
Knaggs, Harold J., assignor to The Weatherhead Company, Cleveland, Ohio. Self-adjusting tappet. 2,542,036, Feb. 20.
Knandel, George J.: *See*—
Branson, David E., Davey, Knandel, Locke, and Vanderlippe.
Knapik, Frank M., assignor of one-third to R. F. Knapik and one-third to H. C. Knapik, University Heights, Ohio. Tool for cutting dentures. 2,545,521, Mar. 20.
Knapik, Helen C., assignee: *See*—
Knapik, Frank M.
Knapik, Ralph F., assignee: *See*—
Knapik, Frank M.
Knapp, Andrew S., assignor to Knapp-Monarch Company, St. Louis, Mo. Cattle spray chute. 2,542,280, Feb. 20.
Knapp, Andrew S., assignor to Knapp-Monarch Company, St. Louis, Mo. Sandwich toaster. 2,567,382. Sept. 11.
Knapp, Chester C.: *See*—
Friend, Ralph L., and Knapp.
Knapp, George E.: *See*—
Wells, Arthur A., and Knapp.
Knapp, Joseph H., Kansas City, Mo. Water heater. 2,544,927, Mar. 13.
Knapp, Joseph H., assignor to C. Earl Hovey, Kansas City, Mo., trustee. Machine for automatically preparing and vending liquid foods. 2,552,856, May 15.
Knapp, Joseph H., assignor to C. E. Hovey, Kansas City, Mo., as trustee. Hot drink maker and vending machine. 2,558,522, June 26.
Knapp, Joseph H., assignor to C. Earl Hovey, Kansas City, Mo., trustee. Ingredient pulverizing apparatus for food preparing machines. 2,576,299, Nov. 27.
Knapp-Monarch Co., assignee: *See*—
Huck, Alfred J.
Huck, Alfred J., and Visos.
Knapp, Andrew S.
Knapp, Robert S.
Pass, Israel.
Scharf, Frank W.
Snyder, Leland H.
Knapp, Robert S., assignor, by mesne assignments, to Knapp-Monarch Company, St. Louis, Mo. Aerosol bomb. 2,552,857, May 15.
Knapp, W. E., assignee: *See*—
Cormany, David R.
Knapp, Walter I., assignor to Frederic B. Stevens, Inc., Detroit, Mich. Apparatus for finishing surfaces. 2,558,300, June 26.
Knapp, William E., Moline, Ill., assignor, by mesne assignments, to Minneapolis-Moline Company, Hopkins, Minn. Gang connection for disk harrows. 2,548,539, Apr. 10.
Knarreborg, Leonard P., Altadena, Calif. Feeding apparatus. 2,538,421, Jan. 16.
Knauer, Berthold, East Norwalk, assignor to Pitney-Bowes, Inc., Stamford, Conn. Differential actuator. 2,552,182, May 8.
Knaus, James H.: *See*—
Bluestone, Henry, Lidov, Knaus, and Howerton.
Knaus, William L., Upper Montclair, N. J., assignor to General Electric Company. Reverse flow responsive automatic reverse modulation valve system. 2,539,194, Jan. 23.
Knauss, Edward, assignor, by mesne assignments, to Industrial Management Corporation, Los Angeles, Calif. Diaphragm power chamber. 2,574,700, Nov. 13.
Knauth, Berthold A., Bolton, assignor, to The Motorspeed Corporation, New York, N. Y. Thyratron control apparatus. 2,540,452, Feb. 6.
Knauth, Berthold A., Bolton, assignor to The Motorspeed Corporation, New York, N. Y. Mechanism and system for control through thyratrons. 2,576,518, Nov. 27.
Knauth, Berthold A., Bolton, N. Y., and P. H. Chin, Cranford, N. J., assignors to The Motorspeed Corporation, New York, N. Y. Thyratron system. 2,537,676, Jan. 9.
Knauth, Berthold A., Bolton, N. Y., and P. H. Chin, Cranford, N. J., assignors to The Motorspeed Corporation, New York, N. Y. Apparatus employing thyratron tube control. 2,537,677, Jan. 9.
Knauth, Berthold A., Bolton, N. Y., and P. H. Chin, Cranford, N. J., assignors to The Motorspeed Corporation, New York, N. Y. Thyratron system of control. 2,573,849, Nov. 6.
Knauth, Berthold A., Bolton, N. Y. and P. H. Chin, Cranford, N. J., assignors to The Motorspeed Corporation, New York, N. Y. System for thyratron control. 2,574,976, Nov. 13.
Knecht, Fred M., Mar del Plata, Argentina, assignor to Contraves A.-G., Zurich, Switzerland. Sighting device for firing at moving targets. 2,564,981, Aug. 21.
Knecht, Henry, assignor to Societe Horlogere de Porrentruy Phenix Watch Co. S. A., Porrentruy, Switzerland. Shock-absorbing device for watch balance staffs. 2,555,412, June 5.
Knecht, Oscar, and H. Ischer, assignors to Sandoz Limited, Basel, Switzerland. Hydroxy-acylamino azo dyestuffs of the naphthalene series and making same. 2,553,261, May 15.
Knechtges, John W., Chicago, Ill., assignor, by mesne assignments, to Swift & Company. Ice cream manufacture. 2,550,656, Apr. 24.
Knee, Simon, Newark, N. J. Combination billfold and purse. 2,579,833, Dec. 25.
Kneeland, Verne L., Manchester, N. H. Last and insole gauging mechanism. 2,538,252, Jan. 16.
Kneeland, Verne L., Manchester, N. H. Fastener setting machine. 2,543,550, Feb. 27.
Kneeland, Verne L., Manchester, N. H. Tackless shoemaking. 2,574,485, Nov. 13.
Kneissler, Walter, Elizabeth, N. J. Micrometer. 2,541,821, Feb. 13.
Knell, Christopher V.: *See*—
Worthington, Emory W., and Knell.
Knewstubb, Norman W., Birmingham, England, and A. M. Jamieson, Aberlady, East Lothian, Scotland, assignors to Union Carbide and Carbon Corporation, New York, N. Y. Manufacture of composite material containing one or more aluminum components. 2,552,285, May 8.
Knewstubb, Norman W., Solihull, and C. A. Robb, Moseley, Birmingham, England, assignors, by mesne assignments, to Union Carbide and Carbon Corporation. Rod comprising bonded fibrous material and making same. 2,558,855, July 3.
Knibb, Leroy H., Chicago, Ill. Ornamenting coil spring wristbands. 2,546,603, Mar. 27.
Kniebes, Lowell, Coloma, Mich. Ejection-type key retainer. 2,567,816, Sept. 11.
Kniel, Ludwig, Scarsdale, assignor to The Lummus Company, New York, N. Y. Production of ethylene. 2,573,341, Oct. 30.
Kniep, Elmer A., Squirrel, Idaho. Combination safety hitch and plow trip. 2,547,130. Apr. 3.
Knieriem, George G., Jr., Long Beach, Miss. Page-end indicator for typewriters. 2,545,582, Mar. 20.
Knight, Arthur P.: *See*—
Heywood, Basil J., and Knight.
Kennedy, James M., Lee, and Knight.
Knight, Chester R., Scotia, N. Y., assignor to General Electric Company. Magnetically controlled electron discharge amplifier circuits. 2,546,033, Mar. 20.
Knight, Cyril H., Toronto, Ontario, Canada, assignor to The Dorr Company, New York, N. Y. Two-stage causticizing. 2,552,183, May 8.
Knight, Hogan B.: *See*—
Swern, Daniel, and Knight.
Knight, Horace S.: *See*—
Davis, Orris L., Knight, and Skinner.
Knight Leather Products, Inc., assignee: *See*—
Arnold, Berel A., and Renz.
Renz, Emil K.
Knight, Lewis A., Baltimore, Md. Tool for dressing cement surfaces. 2,539,629, Jan. 30.
Knight, Lorne F., Toronto, and A. Pitt, Weston, assignors to Massey-Harris Co. Ltd., Toronto, Ontario, Canada. Method and apparatus for forming crankshafts. 2,555,695, June 5.
Knight, Norine R., executrix: *See*—
Kennedy, James M., Lee, and Knight.
Knight, Thomas H., Phillips, Tex., assignor to Phillips Petroleum Company. Thermocouple return bend and well. 2,560,455, July 10.
Knight and Thomas Incorporated, assignee: *See*—
Austin, Ralph W.
Knight, Troy J., Golden, Ill. Multiple swing farm gate. 2,575,419, Nov. 20.
Knight, Troy J., Golden, Ill. Gate latch. 2,575,420, Nov. 20.

Knight, Walter F., Alfold, England, assignor to Exmet Electrical Corporation, New York, N. Y. Expanded metal electrical resistance. 2,570,692, Oct. 9.
Knight, Wesley T., Ogden, Utah. Jet engine valve construction. 2,566,730, Sept. 4.
Knight, Wilbert, and C. E. Pritchard, Pittsburgh, Pa. Portable clothesline prop. 2,565,433, Aug. 21.
Knipping, Rainer H., San Antonio, Tex. Garbage incinerator. 2,577,659, Dec. 4.
Knitel, Francois J. M., Voorburg, Netherlands. Urinal having a flushing channel therein for disposal of paper. 2,566,770, Sept. 4.
Knitter, Elmer T., Cleveland, Ohio. Feed mechanism. 2,549,975, Apr. 24.
Knitting Machines Corporation, assignee: *See*—
Miller, Max C.
Knoblaugh, Armand F., assignor to The Baldwin Company, Cincinnati, Ohio. Upright piano action. 2,548,890, Apr. 17.
Knoblaugh, Armand F., Cincinnati, and J. F. Jordan, Terrace Park, assignors to The Baldwin Company, Cincinnati, Ohio. Selective production of voices in electrical musical instruments. 2,571,141, Oct. 16.
Knoblock, James W., New York, N. Y., assignor to The Fyr-Fyter Company, Dayton, Ohio. Fire extinguisher. 2,557,120, June 19.
Knoblock, James W., Queens, N. Y., assignor to The Fyr-Fyter Company, Dayton, Ohio. Collapsible tube and a protective jacket therefor. 2,557,121, June 19.
Knochel, William J.: *See*—
Leuzarder, John B., Aakjer, and Knochel.
Knock, Frances E., Oak Park, Ill., assignor to The L. D. Caulk Company, Milford, Del. Dental material and method. 2,569,767, Oct. 2.
Knock, Frances E., Oak Park, Ill., and J. F. Glenn, assignors to The L. D. Caulk Company, Milford, Del. Dental material and method. 2,558,139, June 26.
Knode, Samuel J., South Bend, Ind. Shoe advertising attachment. 2,557,663, June 19.
Knoedler, Alphonse, & Company, assignee: *See*—
Bloomberg, Harry.
Knoedler Manufacturers, Inc., assignee: *See*—
Coan, Robert L.
Knoepke, Olga H.: *See*—
Leistner, William E., Hecker, and Knoepke.
Knoff, Victor J., Ivanhoe, Minn. Ensilage distributor. 2,557,977, June 26.
Knohl, Friedrich K., assignor to Illinois Tool Works, Chicago, Ill. Fastener. 2,560,961, July 17.
Knol, Hendrik W., assignor to N. V. Veenendaalsche Sajeten Vijfschachtfabriek Voorheen Wed. D. S. van Schuppen & Zoon, Veenendaal, Netherlands. Recovery and purification of sterols. 2,536,753, Jan. 2.
Knol, Kornelis S.: *See*—
Diemer, Gesinus, and Knol.
Strutt, Maximiliaan J. O., Knol, and van der Ziel.
Knoll Associates, Inc., assignee: *See*—
Saarinen, Eero.
Knopp, Joseph H., assignor to C. E. Hovey, Kansas City, Mo., trustee. Juicer for fruit halves having means for inverting the sides of the halves. 2,540,891, Feb. 6.
Knops, Jan J. A., Oirsbeek, assignor to De Directie van de Staatsmijnen in Limburg, Heerlen, Netherlands. Manufacture of pyromellitic acid. 2,576,020, Nov. 20.
Knorr, August, Chicago, Ill. Greenhouse substitute glass installing fixture. 2,555,138, May 29.
Knös, Gunnar B.: *See*—
Donkelaar, Jacobus J., and Knös.
Knös, Gunnar B., Eindhoven, Netherlands, assignor to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Coordinate selective switch operating mechanism. 2,554,108, May 22.
Knös, Gunnar B., Eindhoven, Netherlands, assignor to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Cross bar switch for use in automatic telephone systems. 2,573,453, Oct. 30.
Knös, Gunnar B., Eindhoven, Netherlands, assignor to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Cross-bar switch for automatic telephony. 2,577,468, Dec. 4.
Knoth, Fred, Jr.: *See*—
Smith, Paul V., Jr., and Knoth.
Knott, Charles W., Santa Barbara, Calif. Fish catcher. 2,560,875, July 17.
Knott, Frank W., assignor to Wisco, Inc., Detroit, Mich. Window. 2,564,264, Aug 14.
Knott, Frank W., Weslaco, Tex., assignor to Wisco, Inc., Detroit, Mich. Window. 2,564,265, Aug. 14.
Knott, George E., assignee: *See*—
Hobbs, Arthur D.
Knowler, Henry, Ryde, and A. E. Swain, assignors to Saunders-Roe Limited, East Cowes, Isle-of-Wight, England. Flying control for aircraft. 2,548,481, Apr. 10.
Knowles, Frank W., Seattle, Wash., assignor to Beltice Corporation. Ice-flake machine. 2,546,005, Mar. 20.
Knowles, Frederick W., assignor to The Wilkinson Sword Company Limited, London, England. Dry shaving device. 2,543,725, Feb. 27.
Knowles, Frederick W., assignor to The Wilkinson Sword Company Limited, London, England. Manually operated dry shaving device. 2,566,214, Aug. 28.
Knowles, George F., Havertown, assignor to Spectrum Manufacturing Company, Philadelphia, Pa. Sealing device. 2,555,139, May 29.
Knowles, Lloyd G.: *See*—
Gulbrandsen, Helge, Ballard, Linderoth, and Knowles.
Knowles, Richard C., New York, W. T. White, Hempstead, H. Harris, Jr., Cedarhurst, E. J. Nagy, Garden City, and E. B. Hammond, Jr., Brooklyn, N. Y., assignors to The Sperry Corporation. Aircraft computer. 2,564,698, Aug. 21.
Knowles, Robert B., Maywood, Calif. Hydraulic pump. 2,544,094, Mar. 6.
Knowlton, Cutler D., Rockport, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Sight mounting. 2,537,223, Jan. 9.
Knowlton, Cutler D., Rockport, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Headrest for gunners' chairs. 2,570,457, Oct. 9.
Knowlton, Eugene B., Massillon, Ohio, assignor to The Griscom Russell Company, New York, N. Y. Tube expander. 2,546,756, Mar. 27.
Knowlton, Martha-Jane, Worcester, Mass. Fastener device for sanitary napkins. 2,541,522, Feb. 13.
Knowlton, Paul H., Jr., Schenectady, N. Y., assignor to General Electric Company. Packing for valve rods. 2,536,814, Jan. 2.
Knox, Clarence O., Seattle, Wash. Vacuum insect eradicating device for showcases. 2,569,722, Oct. 2.
Knox, David J., Upper Darby, Pa. Lasso. 2,563,533, Aug. 7.
Knox, Frank A., Oak Ridge, Tenn., assignor, by mesne assignments, to the United States of America as represented by the United States Atomic Energy Commission. Vacuum pumping method with mechanical oil sealed pumps. 2,551,541, May 1.
Knox Glass Associates, Inc., assignee: *See*—
Gallagher, William.
Knox, Harry A., Washington, D. C. Roller bearing track shoe. 2,536,064, Jan. 2.
Knox, Harry A., Washington, D. C. Track shoe with hook connection. 2,563,848, Aug. 14.
Knox, Julia S. M., and W. B. Harrison, Jr., Richmond, Va.; said Harrison assignor to said Knox. Hospital table for moving patients. 2,542,963, Feb. 20.
Knox, Peter S., Jr., and W. I. Strauss, Thomson, Ga. Self-loading vehicle. 2,573,342, Oct. 30.
Knox, William G., and G. L. Deniston, Dayton, Ohio, assignors, by mesne assignments, to H. M. and L. M. Hempstead, Mobile, Ala. Purifying rosin. 2,560,876, July 17.
Knox, William G., Dayton, and G. L. Cunningham, Cincinnati, Ohio, assignors, by mesne assignments, to H. M. Hempstead and L. M. Hempstead, Mobile, Ala. Purification of wood rosin. 2,573,454, Oct. 30.
Knox, William J., Jr.: *See*—
Bowman, Reginald G., and Knox.
Knox, William T., Jr., Cranford, N. J., assignor to Standard Oil Development Company Hydrogenation of unstable petroleum wax. 2,574,331, Nov. 6.
Knox, William T., Jr., Cranford, and R. L. Weeks, Union, N. J., assignors to Standard Oil Development Company. Lubricating oil treating process. 2,552,435, May 8.
Knudsen, George P., assignor to Highway Trailer Company, Edgerton, Wis. Tractor-trailer safety lock and brake mechanism. 2,560,769, July 17.
Knudsen, Knud J., assignor to The Lewis Engineering Company, Naugatuck, Conn. Duel movement electrical meter. 2,539,143, Jan. 23.
Knudsen, Knud J., assignor to The Lewis Engineering Company, Naugatuck, Conn. Temperature control using vacuum tube. 2,556,138, June 5.
Knudsen, Raymond G.: *See*—
Walraven, George M., and Knudsen.
Knudsen, Raymond G., assignor to Snap-On Tools Corporation, Kenosha, Wis. Reversible ratchet mechanism. 2,544,795, Mar. 13.
Knudsen, Raymond G., assignor to Snap-On Tools Corporation, Kenosha, Wis. Pneumatic impact puller and the like. 2,561,577, July 24.
Knudsen, Valdemar: *See*—
McLemore, Price C., and Knudsen.
Knudson, Raynard A., and J. H. Stoker, Rapid City, S. Dak. Power-operated roof planer. 2,576,607, Nov. 27.
Knudson, Thomas E., Mankato, Minn. Hat crown stay. 2,543,855, Mar. 6.
Knudson, Warren A., assignor to Silvercote Products, Inc., Chicago, Ill. Reinforced web and method and apparatus for forming same. 2,575,666, Nov. 20.
Knuth, Harvey G., Elgin, assignor to Lyon Metal Products, Incorporated, Aurora, Ill. Drawer aligning means for cabinets. 2,551,843, May 8.
Knutsen, Knut A., assignor to Compagnie des Machines Bull (Societe Anonyme), Paris, France. Recording and controlling card. Re. 23,385, July 3.
Knutson, E. Jack, assignee: *See*—
Hall, William E.
Knutson, Eva R., assignee: *See*—
Hall, William E.
Knutsson, Eric Armand, assignor to H. Giescke, Stockholm, Sweden. Shoe-scraping door mat. 2,538,624, Jan 16.
Knutsson-Hall, Folke K., Lofta, Sweden. Pyrotechnic match capable of repeated ignition. 2,568,285, Sept. 18.

Kobenhavens Pektinfabrik v. Karl Pedersen, assignee: *See*—
Pedersen, Karl.
Kober, Saul W., Flushing, N. Y. Embossing film and coatings produced from heat curable elastomers. 2,579,044, Dec. 18.
Kobernick, Sergius T., Salt Lake City, Utah. Sewage distillation process. 2,579,932, Dec. 25.
Kobey, Silas M., assignor to Potato Chip Equipment Corporation, Denver, Colo. Weighing and packaging machine. 2,574,486, Nov. 13.
Kobler, Richard, San Francisco, Calif. Remote controlled recording machine. 2,547,216, Apr. 3.
Kobler, Victor, and W., Zurich, Switzerland. Multihead dry shaving apparatus. 2,559,772, July 10.
Kobler, Victor and W., Zurich, Switzerland. Cutting head for dry shaving razors. 2,562,104, July 24.
Kobler, Werner: *See*—
Kobler, Victor and W.
Kobrow, Gustav C.: *See*—
Smith, Arthur D., and Kobrow.
Koch, Charles J., Schenectady, N. Y., assignor to General Electric Company. Dynamoelectric machine. 2,536,815, Jan. 2.
Koch, Clarence W., St. Louis, Mo. Typewriter desk. 2,541,075, Feb. 13.
Koch, Erich J., and B. D. Albin, Los Angeles, Calif. Lawn shaver. 2,547,328, Apr. 3.
Koch, Frederick, Sparta, assignor to Associated Patentees, Inc., Ampere, N. J. Roller type brake. 2,569,108, Sept. 25.
Koch, Frederick, Sparta, assignor to C. Todd, Rutherford, N. J., as trustee. Tapping unit having rapid traverse and controlled rate of feed. 2,579,081, Dec. 18.
Koch, George C., Hattiesburg, Miss. Barbecue machine. 2,558,569, June 26.
Koch, George J., assignor to Eastman Kodak Company, Rochester, N. Y. Illuminator for optical projectors. 2,552,184, May 8.
Koch, George J., assignor to Eastman Kodak Company, Rochester, N. Y. Illuminator for optical projectors. 2,552,185, May 8.
Koch, Gustav H., Springfield, Mass., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Removable grille for ventilating apparatus. 2,571,726, Oct. 16.
Koch, Harold E., Amityville, assignor to Republic Aviation Corporation, Farmingdale, N. Y. Canopy releasing mechanism. 2,564,577, Aug. 14.
Koch, Henry, Harrisburg, Pa. Kitchen utensil for coring frankfurters. 2,548,165, Apr. 10.
Koch, Herbert W., Cicero, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Automatic electronic detecting and testing apparatus for switching systems. 2,545,551, Mar. 20.
Koch, Herbert W., Cicero, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Electrical circuit breaker. 2,560,800, July 17.
Koch, Leo J., Fleming, Colo. Link friction pin plier. 2,541,424, Feb. 13.
Koch, Leonard J.: *See*—
Heintz, Ralph M., Frazier, and Koch.
Koch, Rudolf, assignor to Automatic Products Company, Milwaukee, Wis. Method and apparatus for sealing capillary tubes. 2,538,571, Jan. 16.
Koch, Stanley J., Clifton, and R. E. Rutherford, Nutley, assignors to Allen B. Du Mont Laboratories, Inc., Passaic, N. J. Color television. 2,544,690, Mar. 13.
Koch, Theodoor, Oosterbeek, Netherlands, assignor to American Enka Corporation, Enka, N. C. Preparing linear polyamides. 2,562,796, July 31.
Koch, Theodoor, Oosterbeek, and N. Benninga, Arnhem, Netherlands, assignors to American Enka Corporation, Enka, N. C. Preparation of polyamides from caprolactam. 2,562,797, July 31.
Koch, William, assignor to Hercules Powder Company, Wilmington, Del. Insulated electrical conductor. 2,549,101, Apr. 17.
Koch, William F., Dundee, Ill. Bumper guard. 2,555,795, June 5.
Koch, William H., Oneonta, N. Y. Railway tie and rail fastener. 2,556,622, June 12.
Koch, Winfield R., Haddonfield, N. J., assignor to Radio Corporation of America. Superheterodyne receiver with compensation for mistuning caused by automatic volume control. 2,540,532, Feb. 6.
Koch, Winfield R., Haddonfield, N. J., assignor to Radio Corporation of America. High-frequency amplifier neutralization circuits. 2,550,930, May 1.
Koch, Winfield R., Marlton, N. J., assignor to Radio Corporation of America. Standoff transmission line. 2,540,892, Feb. 6.
Koch, Winfield R., Marlton, N. J., assignor to Radio Corporation of America. Superregenerative receiver. 2,580,028, Dec. 25.
Koch, Winfield R., Moorestown, N. J., assignor to Radio Corporation of America. Frequency modulation transformer loading circuit. 2,561,058, July 17.
Kochel, George, Jr., San Diego, Calif. Automatic deburring attachment for screw making machines. 2,564,699, Aug. 21.
Kocher, Daniel W., Columbus, Ohio, assignor, by mesne assignments, to Armstrong Cork Company, Lancaster, Pa. Method and apparatus for producing fibrous material. 2,578,707, Dec. 18.
Kocher, Earl T.: *See*—
Kirkpatrick, Willard H., and Kocher.
Kocher, Earl T., Bellflower, Calif., assignor to Visco Products Company, Houston, Tex. Demulsification process and composition. 2,568,744, Sept. 25.
Koci, Jerry C., Barrington, assignor to Chicago Coin Machine Co., Chicago, Ill. Electrical control system for orchestral display. 2,558,490, June 26.
Koci, Jerry C., Riverside, assignor to Chicago Coin Machine Co., Chicago, Ill. Barrier means for shuffleboards. 2,565,238, Aug. 21.
Koci, Ludvik J., Riverside, assignor to Sunbeam Corporation, Chicago, Ill. Radiation pyrometer. 2,555,273, May 29.
Kock, Winston E., Middletown, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Metallic lens directive antenna system. 2,562,277, July 31.
Kock, Winston E., Middletown, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Wave-guide transmission system. 2,572,628, Oct. 23.
Kock, Winston E., Middletown, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Metallic lens antenna. 2,576,463, Nov. 27.
Kock, Winston E., Middletown, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Metallic structure for delaying propagated waves. 2,579,324, Dec. 18.
Kock, Winston E., Middletown, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Metallic structure for delaying unipolarized waves. 2,577,619, Dec. 4.
Kock, Winston E., Basking Ridge, and R. L. Wallace, Jr., Plainfield, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Semiconductor amplifier. 2,560,579, July 17.
Kockums Mekaniska Verkstads Aktiebolog, assignee: *See*—
Brodén, John G. M.
Kocmich, Donald O., Western Springs, Ill. Electrical indicating device. 2,565,434, Aug. 21.
Kocsis, Paul, Jr.: *See*—
Claybourn, Glen L., and Kocsis.
Koeber, Henry J., Jr.: *See*—
Case, Percival H., Karr, and Koeber.
Koechel, Walter P., Maywood, N. J. Accumulating means for sequential sampling. 2,556,374, June 12.
Koefoed, Hauberg, Marstrand og Helweg Aktieselskabet Titan, assignee: *See*—
Nielsen, Aage J. J.
Koegler, Milton, and S. Silverstein, Jacksonville, Fla. Multipurpose bracket. 2,569,063, Sept. 25.
Koehl, James A., Evanston, assignor, by mesne assignments, to Central Commercial Industries, Inc., Chicago, Ill. Musical instrument. 2,562,670, July 31.
Koehler, Fred: *See*—
Bennett, William O., Jr., and Koehler.
Koehler, Glenn, Madison, Wis. Induction motor speed control. 2,560,698, July 17.
Koehler, John A., Miami, Fla. Two-man glass-cutting board or table. 2,578,811, Dec. 18.
Koehler Manufacturing Company, assignee: *See*—
Wheat, Grant.
Koehler, Robert L., Venice, and J. Miller, Los Angeles, assignors to R. D. Collins, Beverly Hills, Calif. Signaling method and system. 2,568,342, Sept. 18.
Koehler, William C., Belleville, N. J., and G. A. Syversen, Brooklyn, N. Y.; said Syversen assignor to said Koehler. Car dumper. 2,552,186, May 8.
Koehn, George W., Columbia, and A. P. Myers, assignors to Armstrong Cork Company, Lancaster, Pa. Grouting material. 2,536,375, Jan. 2.
Koehring Company, assignee: *See*—
Beckwith, Raymond A.
Beckwith, Wendell K.
Lichtenberg, Erich H.
Koenig, Adolph, Montpelier, N. Dak. Adjustable tractor wheel means. 2,546,453, Mar. 27.
Koenig, Anna C., assignee: *See*—
Koenig, Frederick A. G.
Koenig, Fred, Tottenville, N. Y. Feeler gauge holder. 2,558,965, July 3.
Koenig, Fred, Tottenville, N. Y. Gap gauge. 2,579,386, Dec. 18.
Koenig, Frederick A. G., assignor to A. C. Koenig, Chicago, Ill. Multiple column mechanical counter. 2,579,236, Dec. 18.
Koenig, H. G., assignee: *See*—
Speer, Joseph G.
Koenig, Herbert G., Merriam, Kans. Electrical rotating apparatus for directional antennae. 2,566,897, Sept. 4.
Koenig, Walter, Jr., Clifton, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Selective signaling device. 2,544,330, Mar. 6.
Koenig, Walter G., Milwaukee, Wis. Table and bench unit. 2,561,703, July 24.
Koenig, William R., Sr., Madison, Wis. Closet collar adapter. 2,559,773, July 10.

Koenigsberger, Friedrich W., London, and A. MacPhail, Hitchin, England; said MacPhail assignor to said Koenigsberger; said Koenigsberger now by judicial change of name W. F. Coningsby. Metronomic tempo indicator. 2,555,748, June 5.

Koepcke, Harry E., East Moline, Ill., assignor to American Machine and Metals, Inc., New York, N. Y. Solenoid-operated valve. 2,539,913, Jan. 30.

Koepke, Henry J., Waukesha, Wis. Lubricator. 2,574,744, Nov. 13.

Koepnick, Edward W., Dayton, Ohio. Toy battleship. 2,558,257, June 26.

Koeppel, Beverly W.: *See*—
Hawkins, James E., and Koeppel.

Koeppel, Charles H., North Woodbury, assignor to Scovill Manufacturing Company, Waterbury, Conn. Two-walled cap for container of granular material with sifter closure mounted between said two walls for rotation about longitudinal container axis. 2,554,444, May 22.

Koeppel, Charles H., North Woodbury, assignor to Scovill Manufacturing Company, Waterbury, Conn. Calibrated two-arm sprinkler. 2,574,874, Nov. 13.

Koerbacher, Arthur R., Massapequa, and H. M. Jager, Oceanside, assignors to Republic Aviation Corporation, Farmingdale, N. Y. Dimpling tool. 2,565,692, Aug. 28.

Koerber, Willem K. A., Berchem-Antwerp, and D. M. A. Van Goethem, Kontich, assignors to Gevaert Photo-Producten N. V., Mortsel-Antwerp, Belgium. Light-sensitive photographic emulsion. 2,546,642, Mar. 27.

Koerbis, Albert, Irvington, assignor to Hanovia Chemical & Manufacturing Company, Newark, N. J. Envelope for electric devices. 2,569,723, Oct. 2.

Koertge, Ray A., Detroit, and G. E. Preston, Highland Park, assignors to D. S. Beckett and L. C. Williams, Lincoln Park, Mich. Gravity tire and wheel balancer. 2,565,732, Aug. 28.

Koerts, Albertus, administrator: *See*—
Weber, Anton P., and F. A.

Koester, Frederick A., Los Angeles, Calif. Radiator filling faucet. 2,561,578, July 24.

Koester, John P., and R. J. Purdy, Piqua, and O. W. Berglund, Dayton, assignors to The Orr Felt and Blanket Company, Piqua, Ohio. Fatigue tester. 2,545,816, Mar. 20.

Koester, John P., and H. S. Comer, assignors to The Orr Felt & Blanket Company, Piqua, Ohio. Papermaker's felt. 2,554,034, May 22.

Koestering, Walter T., Battle Creek, Mich., assignor to Eaton Manufacturing Company, Cleveland, Ohio. Valve testing apparatus. 2,573,646, Oct. 30.

Koett, Albert C., and J. W. Ulmer, Cincinnati, Ohio. Support bar. 2,542,964, Feb. 20.

Koett, Albert C., assignor to The Kett Tool Company, Cincinnati, Ohio. Universal drill head. 2,553,416, May 15.

Koetting, Fritz, Brooklyn, N. Y. Pipe joint for water heaters. 2,537,678, Jan. 9.

Kofahl, Jacob L., Taft, assignor to Baker Oil Tools, Inc., Vernon, Calif. Well packer. 2,555,648, June 5.

Koff, Albert, Philadelphia, Pa. Capsule and pill handling device. 2,563,534, Aug. 7.

Koffler, Max: *See*—
Karp, Zeev, and Koffler.

Kofford, Earl J.: *See*—
Salit, Myron C., and Kofford.

Kofford, Reed S., Van Nuys, Calif. Water dispenser for poultry. 2,541,369, Feb. 13.

Kofron, Vernon K., St. Louis, Mo., assignor, by mesne assignments, to Vickers, Incorporated. Electrical rectifiers. 2,575,388, Nov. 20.

Koft, Emil, Jr., Woodbury Heights, N. J., assignor to Socony-Vacuum Oil Company, Incorporated. Thiophene-sulfur monochloride synthetic resins. 2,552,796, May 15.

Koft, Emil, Jr., Woodbury Heights, N. J., assignor to Socony-Vacuum Oil Company, Incorporated. Preparation of 2,2′-dithienyl disulfide. 2,571,370, Oct. 16.

Koft, Emil, Jr., Woodbury Heights, N. J., assignor to Socony-Vacuum Oil Company, Incorporated. Preparation of 2,2′-dithienyl sulfide. 2,571,371, Oct. 16.

Kogel, Frank J., Burbank, Calif. Internal-combustion engine of the liquid fuel injection type. 2,561,628, July 24.

Kögel, Wilhelm G., assignor to Aktiebolaget Elektrolux, Stockholm, Sweden. Absorption refrigeration. Re. 23,442, Dec. 18.

Kögel, William G., assignor to Aktiebolaget Elektrolux, Stockholm, Sweden. Absorption refrigeration. 2,538,010, Jan. 16.

Kögel, Wilhelm G., assignor to Aktiebolaget Elektrolux, Stockholm, Sweden. Absorption refrigeration. 2,538,011, Jan. 16.

Kögel, Wilhelm G., assignor to Aktiebolaget Elektrolux, Stockholm, Sweden. Absorption refrigeration. 2,538,012, Jan. 16.

Kögel, Wilhelm G., assignor to Aktiebolaget Elektrolux, Stockholm, Sweden. Inert gas absorption refrigeration. 2,538,013, Jan. 16.

Kögel, Wilhelm G., assignor to Aktiebolaget Elektrolux, Stockholm, Sweden. Absorption refrigeration. 2,538,874, Jan. 23.

Kögel, Wilhelm G., assignor to Aktiebolaget Elektrolux, Stockholm, Sweden. Defrosting means in absorption refrigeration. 2,555,345, June 5.

Kögel, Wilhelm G., assignor to Aktiebolaget Elektrolux, Stockholm, Sweden. Freezing compartment structure. 2,566,340, Sept. 4.

Kogstrom, Axel W., assignor to O. & S. Bearing Company, Detroit, Mich. Vehicle wheel suspension. 2,544,331, Mar. 6.

Kohagen, Charles F.: *See*—
Volenec, Emil, and Kohagen.

Koh-I-Noor Pencil Factory L. & C. Hardtmuth, assignee: *See*—
Votruba, Vojtech.

Kohinoor, Waldes, Inc., assignee: *See*—
Shur, Ira.

Kohl, Alexander, assignor of one-half to G. H. Sciaroni, Fresno, Calif. Suturing instrument. 2,579,192, Dec. 18.

Kohl, Alfred C., assignor to Kohl Bottle Receiving Company, Milwaukee, Wis. Bottle disposal receiver. 2,557,001, June 12.

Kohl Bottle Receiving Company, assignee: *See*—
Kohl, Alfred C.

Kohl, Charles F., Jr., Pittsburgh, Pa., assignor to Corning Glass Works, Corning, N. Y. Fluorohydrocarbon substituted methylsiloxanes. 2,571,090, Oct. 16.

Kohl, Everard F., Cleveland, Ohio. Snap acting device. 2,558,219, June 26.

Kohl, Everard F., Lakewood, Ohio. Snap acting device. 2,558,258, June 26.

Kohl, William R., Glenview, Ill. Window device for garment bags and like containers. 2,558,904, July 3.

Kohler, Hans W., Washington, D. C. Combining circuits. 2,567,214, Sept. 11.

Kohler, Herman, assignor to Felins Tying Machine Company, Milwaukee, Wis. Bunch tier. 2,550,824, May 1.

Kohler, Robert T., and C. A. Spaulding, Jr., assignors to The Refinite Corporation, Omaha, Nebr. Control valve. 2,550,011, Apr. 24.

Kohler, Thomas R.: *See*—
Jamison, Noel C., Koppius, Kohler, and Black.

Kohlhaas, John V., Philadelphia, Pa. Fireproof flanged structural member and a precast shoe therefor. 2,556,878, June 12.

Kohlhagen, Walter, Elgin, Ill. Balancing oscillating or rotating members. 2,554,033, May 22.

Kohlhagen, Walter, Elgin, Ill., assignor to The E. Ingraham Company, Bristol, Conn. Hairspring for timepieces. 2,567,567, Sept. 11.

Kohlhagen, Walter, Hartford, Conn. Poising balance wheels of time instruments. 2,538,528, Jan. 16.

Kohlsdorf, Max, Woodhaven, N. Y. Form for examining and finishing stockings. 2,561,210, July 17.

Kohorn, Oscar & Co., Ltd., assignee.: *See*—
Naumann, Herbert O.
Politzer, Alfred and Naumann.

Kohout, Robert T., assignee: *See*—
Kohout, Thomas B.

Kohout, Thomas B., assignor to R. T. Kohout, Le Mars, Iowa. Method and apparatus for making shop caps. 2,539,845, Jan. 30.

Kohr, Donald A., Jr., Chicago, Ill., and R. L. Milde, La Fayette, Ind., assignors to The Sherwin-Williams Co., Cleveland, Ohio. Carrier material for agricultural chemicals. 2,558,762, July 3.

Kohr, George L., U. S. Navy, and R. L. Freas, Conshohocken, Pa. Radio drift bomb. 2,551,609, May 8.

Kohring, Wilbur M., Lakewood, Ohio. Resistance unit. 2,537,061, Jan. 9.

Kohut, John, Sr., Boonton, N. J. Material treating apparatus having air conditioning means. 2,557,605, June 19.

Kohut, Robert A., New York, assignor to Queen Ribbon and Carbon Co. Inc., Brooklyn, N. Y. Attaching means for carbon paper packs or the like. 2,565,031, Aug. 21.

Kois, Leonard W., Chicago, Ill. Clothes hanger for ironing boards. 2,562,671, July 31.

Kojan, John J., Bedford, and L. A. Witucky, Cleveland, Ohio. Lever and wrench operated closing tool for metal containers having a split ring locking clamp. 2,555,194, May 29.

Kojis, John J., assignor to S & C Electric Company, Chicago, Ill. Switch contact construction. 2,567,606, Sept. 11.

Kokowicz, Stanley E.: *See*—
Walker, Joseph F., and Kokowicz.

Kolacy, Charles, Bloomfield, N. J. Serving tray. 2,550,154, Apr. 24.

Kolanowski, Stanley C.: *See*—
Farr, Willard H., Fagen, and Kolanowski.

Kolar, Hugo R.: *See*—
Heath, Clifford J., Lawrence, and Kolar.

Kolb, Charles F., assignee: *See*—
Beyrodt, Kurt.

Kolb, John P., New York, N. Y., assignor to General American Transportation Corporation, Chicago, Ill. Torque distributing drive. 2,555,413, June 5.

Kolb, John P., New York, N. Y., assignor to General American Transportation Corporation, Chicago, Ill. Flexible alignment drive. 2,555,414, June 5.

Kolb, John P., Queens Village, N. Y., assignor to General American Transportation Corporation, Chicago, Ill. Settling device. 2,566,988, Sept. 4.

Kolbach, Charles G., Union, N. J. Automatic spray nozzle valve for tubular spray bars. 2,571,583, Oct. 16,

Kolbe, Joachim, Milwaukee, Wis. Vehicle with counterbanking superstructure on turns. 2,576,686, Nov. 27.
Kolberg, Frithjof N.: *See*—
Teeman, Ruben W., and Kolberg.
Kölbl, Karl M., Vienna, Austria. Suspension bar for vertically suspending plans, drawings, maps, and the like in storage cabinets. 2,578,252, Dec. 11.
Kold-Hold Manufacturing Co., assignee: *See*—
Lester, Thomas O.
Kolell, Herman F., assignor of one-half to L. I. Schmidt, Milwaukee, Wis. Container cover. 2,572,629, Oct. 23.
Kolfenbach, John J.: *See*—
Morway, Arnold J., and Kolfenbach.
Kolfenbach, John J., Somerville, and R. O'Halloran, Elizabeth, N. J., assignors to Standard Oil Development Company. Sulfonate grease. 2,540,533, Feb. 6.
Kolfenbach, John J., Somerville, and R. O'Halloran, Elizabeth, N. J., assignors to Standard Oil Development Company. Extreme pressure grease. 2,540,534, Feb. 6.
Kolins, Thomas A., Akron, Ohio. Pneumatic tire shaping and vulcanizing apparatus. 2,571,258, Oct. 16.
Kolisch, Emil, New York, assignor to Continental Silver Co., Inc., Brooklyn, N. Y. Protective device. 2,538,572, Jan. 16.
Kolisch, Emil, New York, assignor to Continental Silver Co., Inc., Brooklyn, N. Y. Protective device. 2,538,573, Jan. 16.
Kolisch, Emil, New York, assignor to Continental Silver Co., Brooklyn, N. Y. Protective device. 2,538,574, Jan. 16.
Koliss, Peter P., West Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electrical protective apparatus. 2,546,824, Mar. 27.
Kolite, Inc., assignee: *See*—
Whitebread, Ned B.
Kolivoski, Andrew B., Salamanca, N. Y. Holder for rolled material. 2,562,923, Aug. 7.
Kolka, Alfred J., Birmingham, and H. D. Orloff, Detroit, Mich., assignors to Ethyl Corporation, New York, N. Y. Manufacture of benzene hexachloride. 2,555,889, June 5.
Kolka, Alfred J., Birmingham, and H. D. Orloff, Detroit, Mich., assignors to Ethyl Corporation, New York, N. Y. Photocatalytic manufacture of benzene hexachloride. 2,558,363, June 26.
Kolka, Alfred J., Birmingham, and H. D. Orloff, Detroit, Mich., assignors to Ethyl Corporation, New York, N. Y. Tetrachloroadipic acid. 2,578,656, Dec. 18.
Kolks, Arnold, New York, N. Y. Ball-bearing rectilinear guideway and translation device. 2,540,125, Feb. 6.
Kolks, Arnold, New York, N. Y. Electrical circuits adjustable by rectilinearly variable elements. 2,540,824, Feb. 6.
Koll, Robert J., Painesville, assignor to Diamond Alkali Company, Cleveland, Ohio. Making vinyl chloride. 2,539,307, Jan. 23.
Kollander, Alfred A., Stillwater, Minn. Tool for scaling fish. 2,536,065, Jan. 2.
Kollath, Francis C., Chicago, Ill. Lamp guard and handle. 2,549,487, Apr. 17.
Kollgaard, Reyner, Media, Pa., assignor to Houdry Process Corporation, Wilmington, Del. Moving catalyst conversion system. 2,579,834, Dec. 25.
Kollmorgen Optical Corporation, assignee: *See*—
Brandon, Chester.
Kolln, Edith, Dow City, Iowa. Truck for deep freezers. 2,571,456, Oct. 16.
Kolloff, Harold G., Kalamazoo, Mich., and N. Levin, Bloomfield, N. J., assignors to Upjohn Company. N-substituted 2-amino-indanes. 2,541,967, Feb. 13.
Kollsman Instrument Corporation, assignee: *See*—
Andresen, John H., Jr.
Angst, Walter, and Andresen.
Carbonara, Victor E.
Carbonara, Victor E., and Andresen.
Carbonara, Victor E., and MacDonald.
Geisse, John H.
Hauptman, Frederic F.
Kollsman, Paul, New York, N. Y. Rotary fluid pressure seal. 2,536,292, Jan. 2.
Kollsman, Paul, New York, N. Y. Fluid seal. 2,538,422, Jan. 16.
Kollsman, Paul, New York, N. Y. Apparatus for carbonating beverages. 2,556,038, June 5.
Kollsman, Paul, New York, N. Y. Self-adjusting reaction nozzle. 2,569,996, Oct. 2.
Kollsman, Paul, New York, N. Y. Jet device for discharging a mixture of fluids. 2,569,997, Oct. 2.
Kollsman, Paul, New York, N. Y. Injection syringe. 2,578,812, Dec. 18.
Kollsman, Paul, New York, N. Y. Device for hypodermic injections. 2,578,813, Dec. 18.
Kollsman, Paul, New York, N. Y. Device for hypodermic injections. 2,578,814, Dec. 18.
Kolman Manufacturing Company, assignee: *See*—
Teeman, Ruben W., and Kolberg.
Kolmar Laboratories, Inc., assignee: *See*—
Heinrich, Herbert.
Kolodie, George F., Brooklyn, N. Y. Refill attachment for steam irons. 2,550,825, May 1.
Kolodziej, John, Chicago, Ill. Window platform. 2,562,619, July 31.
Kolvoort, Egbert C. H., Amsterdam, Netherlands, assignor to Shell Development Company, San Francisco, Calif. Producing stable aqueous dispersions of polymer containing plasticizers therefor. 2,575,553, Nov. 20.
Komarik, Stephan L., and L. A. Hall, assignors to The Griffith Laboratories, Inc., Chicago, Ill. Curing process for bacon. 2,553,533, May 15.
Komassa, Jerome S., Milwaukee, Wis., assignor to Aero-Motive Manufacturing Company, Kalamazoo, Mich. Reel. 2,543,176, Feb. 27.
Komline-Sanderson Engineering Corporation, assignee: *See*—
Komline, Thomas R.
Komline, Thomas R., assignor to Komline-Sanderson Engineering Corporation, Glen Rock, N. J. Apparatus for burning waste material. 2,537,467, Jan. 9.
Komline, Thomas R., Glen Rock, assignor to Komline-Sanderson Engineering Corporation, Ridgewood, N. J. Centrifuge. 2,538,529, Jan. 16.
Komline, Thomas R., Ridgewood, N. J. Rotary drum vacuum filter. 2,557,440, June 19.
Komline, Thomas R., Ridgewood, assignor to Komline-Sanderson Engineering Corporation, Glen Rock, N. J. Burning sewage sludge and apparatus therefor. 2,566,731, Sept. 4.
Kompass, Frank O., New York, N. Y., assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Toaster. 2,560,115, July 10.
Kompass, Frederick B., Niles, Mich. Detachable leg structure for furniture. 2,552,286, May 8.
Konchan, Metod F., Ridgewood, N. Y. Adjustable sweatband measuring and cutting machine. 2,553,096, May 15.
Kondakow, Mikolaj, and J. Wong, Port Arthur, Ontario, Canada. Crimped cap remover. 2,571,898, Oct. 16.
Konecny, John J., assignee: *See*—
Harris, George W.
Konen, James C., and E. T. Clocker, Minneapolis, Minn., assignors to Archer-Daniels-Midland, Company. Polymerized fatty oils. 2,547,760, Apr. 3.
Konet, Henry, Hohokus, assignor to Bendix Aviation Corporation, Teterboro, N. J. Gyroscope. 2,571,727, Oct. 16.
Konet, Henry, Paramus, assignor to Bendix Aviation Corporation, Teterboro, N. J. Gyro erecting means. 2,572,733, Oct. 23.
Koninklijke Industrieele Maatschappij Voorheen Noury & Van Der Lande N. V., assignee: *See*—
Stedehouder, Pièter L.
Koninklijke Tricotfabriek G. J. Willink N. V., assignee: *See*—
Heijink, Abraham.
Koniuszy, Frank R.: *See*—
Rogers, Edward F., Phillips, Shunk, Koniuszy, and Folkers.
Koniuszy, Frank R., Rahway, and K. Folkers, Plainfield, assignors to Merck & Co., Inc., Rahway, N. J. Glutamyl-glutamyl-glutamic esters. 2,538,104, Jan. 16.
Konkle, Charles R.: *See*—
Athy, Clifford R., and Konkle.
Konrad, Henry C.: *See*—
Zimmermann, Willy E., and Konrad.
Konrad, William L.: *See*—
Brannen, Paul M., and Konrad.
Kontra, George S., Oshkosh, Wis. Speedometer cable fitting lock. 2,565,659, Aug. 28.
Konvalinka, William J., Altadena, Calif. Cushioning device for telephone receivers. 2,544,267, Mar. 6.
Koob, Bernard H., West Hartford, assignor to Hartford-Empire Company, Hartford, Conn. Fluid control valve mechanism for a glassware forming machine blow head or the like. 2,542,086, Feb. 20.
Koob, Bernard H., West Hartford, Conn., assignor to Emhart Manufacturing Company. Synchronizing drive mechanism. 2,555,448, June 5.
Kooijman, Eduard C., and J. Overhoff, Amsterdam, Netherlands, assignors to Shell Development Company, San Francisco, Calif. Unsaturated halogen-containing nitro compounds and their production. Re. 23,399, Aug. 14.
Kooiker, Paul I., East Orange, N. J., assignor to General Electric Company. Air discharge register. 2,555,978, June 5.
Kooistra, Lambert, Akron, Ohio, assignor to The Babcock & Wilcox Company, Rockleigh, N. J. Openable closure for chambers under superatmospheric internal pressure and associated fluid pressure means for preventing the escape of fluids therefrom. 2,545,886, Mar. 20.
Kooken, Benjamin H., Spokane, Wash. Sprinkler system. 2,556,428, June 12.
Kooken, Benjamin H., Spokane, Wash. Rotary water distributor. 2,565,818, Aug. 28.
Kool, Cornelis M. H.: *See*—
Lolkema, Jan, and Kool.
Koole, Pieter, L. R. Bourgonjon, and H. de Lange, Eindhoven, Netherlands, assignors to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Device for conveying paper and similar substances. 2,576,882, Nov. 27.
Koon, Kate, assignee: *See*—
Killingsworth, Samuel J.

Koonce, Samuel D., and E. S. Perry, assignors, by mesne assignments, to Eastman Kodak Company, Rochester, N. Y. Separating fatty acids from rosin acids of tall oil. 2,538,103, Jan. 16.

Koonce, Wilbur E., assignor to Masonite Corporation, Laurel, Miss. Binder for foundry compositions. 2,549,822, Apr. 24.

Koonce, Wilbur E., and C. F. Story, assignors to Masonite Corporation, Laurel, Miss. Screening apparatus. 2,572,869, Oct. 30.

Koontz, Lamont B., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Control apparatus. 2,549,209, Apr. 17.

Koontz, Lamont B., Deer Lodge, Mont. Metallic structure. 2,553,922, May 22.

Koontz, Lamont B., Deer Lodge, Mont. Electrically heated bed and control device. 2,573,455, Oct. 30.

Koonz, Carl H., and F. L. Kauffman, assignors to Swift & Company, Chicago, Ill. Egg pasteurization. 2,565,311, Aug. 21.

Koonz, Earl R., assignor to Greenfield Tap and Die Corporation, Greenfield, Mass. Toolholder. 2,536,376, Jan. 2.

Koonz, John C., assignor to The Magnavox Company, Fort Wayne, Ind. Impulse generator. 2,570,693, Oct. 9.

Koonz, John C., assignor to The Magnavox Company, Fort Wayne, Ind. Thermoelectric timer motor. 2,572,162, Oct. 23.

Koonz, John C., Fort Wayne, and C. L. Piper, New Haven, assignors to The Magnavox Company, Fort Wayne, Ind. Pressure operated switch. 2,541,370, Feb. 13.

Koop, Severin E., assignee: *See*—
Hasskamp, Fred C.

Kooy, Martinus: *See*—
Horowitz, Alexandre, and Kooy.

Kooyman, Eduard C., Amsterdam, Netherlands, assignor to Shell Development Company, San Francisco, Calif. Alkylation of phenolic compounds with olefins. 2,567,848, Sept. 11.

Kopec, Stanley J., Detroit, Mich. Grinding machine attachment. 2,545,618, Mar. 20.

Kopec, Stanley J., Detroit, Mich. Attachment for grinding machines. 2,574,110, Nov. 6.

Kopec, Stanley J., Royal Oak, Mich. Grinding machine attachment for grinding helical teeth. 2,574,111, Nov. 6.

Kopec, Stanley J., Royal Oak, Mich. Grinding machine artachment. 2,574,112, Nov. 6.

Kopito, Louis, assignor of one-half to A. Gutwirth, New York, N. Y. Washing machine. 2,540,893, Feb. 6.

Koponen, George O., Detroit, Mich. Cake lifter and preserver. 2,573,577, Oct. 30.

Kopp, Lester G., South Bend, Ind., assignor to Harry Ferguson, Inc., Detroit, Mich. Rake tooth. 2,558,095, June 26.

Kopp, Philip E., Youngstown, Ohio. Apparatus and method for clay baking. 2,576,519, Nov. 27.

Koppang, Earl T., and H. W. Kintzinger, Minneapolis, Minn. Housing and light diffuser for fluorescent fixtures. 2,546,190, Mar. 27.

Koppel, Ernst R., and W. B. Caldwell, assignors to Borg-Warner Corporation, Chicago, Ill. Conveyer mechanism for disks and the like. 2,568,073, Sept. 18.

Koppen, Otto C., Wellesley, assignor to Helio Aircraft Corporation, Canton, Mass. High-lift airplane. 2,541,704, Feb. 13.

Kopper, Edward, Winnetka, and W. H. Radeke, Blue Island, assignors to Peerless Equipment Company, Chicago, Ill. Battery cell indicating device. 2,560,962, July 17.

Koppers Company, Inc., assignee: *See*—
Anderson, John R.
Bescher, Ralph H.
Cerveny, William J.
Corson, Ben B., and Black.
Corson, Ben B., and Kutz.
Denig, Fred, and Arnold.
Dorfan, Morton I.
Fox, Gordon.
Gollmar, Herbert A.
Guy, Hubert G.
Harlow, Earl V.
Hartigan, Raymond H.
Haynes, Pierre E.
Hill, William H.
Johnson, Edgar G.
Johnson, Robert.
Lavely, Paul H.
Marsell, Philip A., and Teller.
Marshall, Charles H.
Monroe, Harry C.
Morton, Allen W.
Nickels, Joseph E.
Nickels, Joseph E., and Kutz.
Powell, Alfred R.
Powers, Robert E.
Powers, Robert E., and Mitchell.
Robbins, Thomas E.
Robbins, Thomas E., Jr., and Hill.
Shaffer, Chester E., and Fisher.
Skinner, Claude M.
Stahly, Eldon E.
Van Ackeren, Joseph.

Koppius, Otto G.: *See*—
Jamison, Noel C., Koppius, Kohler, and Black.

Kops Bros., Inc., assignee: *See*—
Kops, Richard S.

Kops, Richard S., Scarsdale, assignor to Kops Bros., Inc., New York, N. Y. Foundation garment. 2,551,139, May 1.

Kops, Stanley, Philadelphia, Pa. Mounted sectional container. 2,541,371, Feb. 13.

Koranye, Theodore D.: *See*—
Doty, Charles R., Klotz, and Koranye.

Korbel, Bedřich, Zlín, assignor to Svit, narodni podnik, Gottwaldov, Czechoslovakia. Scraping disk. 2,546,546, Mar. 27.

Koree, Jean U., New York, N. Y. Tobacco substitute containing bagasse. 2,576,021, Nov. 20.

Koren, Heiman W.: *See*—
Crownover, Joseph W., and Koren.

Koreska, Rudolf J., Copenhagen, Denmark. Door lock with self-locking bolt. 2,564,161, Aug. 14.

Koretz, Harry: *See*—
Schneider, Harold B., and Koretz.

Korman, Jerome: *See*—
Hunter, James H., and Korman.

Korman, Nathaniel I., Merchantville, N. J., assignor to Radio Corporation of America. Spiral sweep circuit. 2,552,437, May 8.

Korman, Samuel B.: *See*—
Harrison, Meyer, and Korman.

Korn, Arthur H., New York, N. Y. Apparatus for separating dust from dust-laden air. 2,569,567, Oct. 2.

Korn, Waldemar H., Davenport, Iowa. Lubricating device. 2,559,041, July 3.

Kornberg, Irving, and A. Bloom, Brooklyn, N. Y. Coin-controlled television. 2,570,821, Oct. 9.

Kornblum, Alvin J., A. H. Kuriloff, and H. Harvey, assignors to Harvey Machine Co., Inc., Los Angeles, Calif. Feed for guns or the like. 2,557,441, June 19.

Kornegay, Chester N., Fayetteville, N. C. Rocking toy. 2,560,963, July 17.

Kornei, Otto, Cleveland Heights, assignor to The Brush Development Company, Cleveland, Ohio. Growing crystals. 2,546,310, Mar. 27.

Kornei, Otto, Cleveland Heights, assignor to The Brush Development Company, Cleveland, Ohio. Forming magnetic record members from a papermaking fibers slurry. 2,547,948, Apr. 10.

Kors, Harry D., Independence, Kans. Paint can sealer. 2,556,195, June 12.

Kors, Harry D., Independence, Kans. Tire lifter. 2,569,242, Sept. 25.

Korsberg, John F., Seattle, Wash., assignor to Boeing Airplane Company. Aircraft engine mount. 2,565,733, Aug. 28.

Korsgren, Theodore Y., Reynoldsburg, assignor to The Arco Manufacturing Company, Columbus, Ohio. Electric temperature device. 2,543,177, Feb. 27.

Korsgren, Theodore Y., Winnetka, Ill. Motion converting mechanism. 2,578,559, Dec. 11.

Kort, Ludwig, Hannover, Germany. Screw propeller and nozzle ship propulsion assembly. 2,566,525, Sept. 4.

Korte, Alfred C., assignor to Carter Carburetor Corporation, St. Louis, Mo. Fuel pump mounting with support for delivery tube. 2,553,857, May 22.

Korte, Alfred C., assignor to Carter Carburetor Corporation, St. Louis, Mo. Neutralizing the gum accelerating effect of copper in hydrocarbon fuel. 2,573,850, Nov. 6.

Korte, Alfred C., assignor to Carter Carburetor Corporation, St. Louis, Mo. Fuel pump mounting. 2,547,761, Apr. 3.

Korte, Alfred C., and A. N. Szwargulski, assignors to Carter Carburetor Corporation, St. Louis, Mo. Oil pressure switch. 2,537,354, Jan. 9.

Korth, Hazel M., Cleveland, Ohio. Bracelet and utility holder. 2,555,890, June 5.

Kortum, Robert E.: *See*—
Delf, George A., and Kortum.

Kortz, Frank H., Long Beach, Calif. Device for forming fishing leaders. 2,569,768, Oct. 2.

Kos, Michael, assignor to Autotrac Limited, Orillia, Ontario, Canada. Rotary valve for two-stroke internal-combustion engines. 2,565,972, Aug. 28.

Kosak, Alvin I.: *See*—
Hartough, Howard D., and Kosak.

Kosatka, Thomas O., assignor to Victor Manufacturing & Gasket Co., Chicago, Ill. Split seal. 2,558,183, June 26.

Kosatka, Thomas O., assignor to Victor Manufacturing & Gasket Co., Chicago, Ill. Fluid seal. 2,575,818, Nov. 20.

Kosbab, Harold W., Irondequoit, assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Mist trapping shield for lens surfacing machines. 2,579,193, Dec. 18.

Koser, Dellie B., Detroit, Mich. Gas-burning air- and water-heating furnace with thermostatic control. 2,576,719, Nov. 27.

Koses, Harry, Richmond, Calif. Garment hanger. 2,536,293, Jan. 2.

Kosik, Martin, Cleveland, Ohio, assignor of fifty per cent to A. Meredyk. Cutting tool handle and blade linkage. 2,546,073, Mar. 20.

Koski, Eino V., West New Brighton, N. Y. Footrest. 2,576,883, Nov. 27.

Koski, Hans, Choteau, Mont. Infusion device. 2,543,581, Feb. 27.
Kosky, John G., and E. Krantz, Clayton, Mo. Garment hanger. 2,536,187, Jan. 2.
Kosmerl, Frank A.: *See*—
McKee, Harold F., and Kosmerl.
Kosmin, Milton: *See*—
Harris, Jay C., and Kosmin.
Kosmin, Milton, Dayton, Ohio, assignor to Monsanto Chemical Company, St. Louis, Mo. Emulsion concentrate of a biological toxicant. 2,552,187, May 8.
Kosmin, Milton, Dayton, Ohio, assignor to Monsanto Chemical Company, St. Louis, Mo. Preparing adducts. 2,569,420, Sept. 25.
Kosmin, Milton, Dayton, Ohio, assignor to Monsanto Chemical Company, St. Louis, Mo. Diaminodiphenylsulfone derivatives. 2,572,570, Oct. 23.
Kosmin, Milton, Dayton, Ohio, assignor to Monsanto Chemical Company, St. Louis, Mo. Alkyleneoxy-benzyl diaminodiphenyl-sulfone. 2,577,708, Dec. 4.
Kosolapoff, Gennady M., Dayton, Ohio, assignor to Monsanto Chemical Company, St. Louis, Mo. Preparing bis(beta-chlorethyl)-para-nitrophenyl thiophosphate. 2,536,647, Jan. 2.
Kosolapoff, Gennady M., Dayton, Ohio, assignor to Monsanto Chemical Company, St. Louis, Mo. Diethyl octyl phosphates. 2,552,325, May 8.
Kosolapoff, Gennady M., Dayton, Ohio, assignor to Monsanto Chemical Company, St. Louis, Mo. Producing tetraethyl pyrophosphate. 2,552,326, May 8.
Kosolapoff, Gennady M., Dayton, Ohio, assignor to Monsanto Chemical Company, St. Louis, Mo. Tetraalkylmonothionopyrophosphate and preparation. 2,567,154, Sept. 4.
Kosorok, Joseph L., Red Lodge, Mont. Brush holder and scraper attachment for paint cans. 2,560,228, July 10.
Kosorotoff, Sergei, Linz-on-Danube, Austria. Mold for building constructions. 2,544,602, Mar. 6.
Koss, Frank, Jr., Tecumseh, Ontario, Canada. Vehicle spring supporter. 2,562,316, July 31.
Kossiakoff, Alexander: *See*—
Grisamore, Nelson T., and Kossiakoff.
Kost, Alwin, Portland, Oreg. Segmental mold for gear wheels. 2,538,368, Jan. 16.
Kost, Alwin, Portland, Oreg. Mixer. 2,539,436, Jan. 30.
Kost, Alwin, Portland, Oreg. Setscrew locking means. 2,549,823, Apr. 24.
Kost, Alwin, Portland, Oreg. Clothes-washing machine. 2,549,824, Apr. 24.
Kost, Harold W., assignor, by mesne assignments to Prestole Corporation, Toledo, Ohio. Molding fastener. 2,540,790, Feb. 6.
Kosten, Johannes, Grand Rapids, Mich. Rowing device and oar assembly. 2,554,708, May 29.
Koster, Heinrich, Milan, and G. Gennari, Santa Maria Maggiore, assignors to Carlo Erba S. p. A., Milan, Italy. Soluble salts of sulfonamides. 2,579,933, Dec. 25.
Koster, John, assignor to Crimora Research and Development Corporation, Crimora, Va. Electrodeposition of manganese. 2,546,547, Mar. 27.
Koster, John, assignor to Crimora Research & Development Corporation, Crimora, Va. Anode for electrowinning manganese and making the same. 2,546,548, Mar. 27.
Kostka, Frank, Buffalo, N. Y. Playing key for accordions and the like. 2,565,239, Aug. 21.
Kostka, Otto R., assignor to Marvel Jewelry Mfg. Company, Providence, R. I. Two-way adjustable clasp. 2,555,195, May 29.
Kostka, Otto R., assignor to Marvel Jewelry Mfg. Company, Providence, R. I. Adjustable bracelet clasp. 2,555,196, May 29.
Kostreba, Vincent, Holdingford, Minn. Silo chute closure. 2,545,234, Mar. 13.
Koth, Herbert B., Elizabeth, N. J. Apparatus for finishing fabric. 2,543,413, Feb. 27.
Kothe, Allan S.: *See*—
Bauer, Charles A., and Kothe.
Kothera, Edward J.: *See*—
Brinen, Howard F., and Kothera.
Kotík, Jan, Prague, Czechoslovakia. Electric stove. 2,556,281, June 12.
Kott, Hermann, West Orange, N. J. Safety fuse for high-voltage transformers. 2,538,367, Jan. 16.
Kotzin, Godfrey, Los Angeles, Calif. Remote control apparatus for opening and closing doors. 2,563,248, Aug. 7.
Kotzin, Tobias, Los Angeles, and J. C. Ivey, Whittier, Calif. Presser foot control apparatus. 2,544,029, Mar. 6.
Koucky, Josef, assignor to Ceskoslovenska Zbrojovka Brno A. S., Prague, Czechoslovakia. Barrel buffer for automatic firearms. 2,558,364, June 26.
Koupal, Robert J., assignor to Infilco Incorporated, Chicago, Ill. Filter system. 2,570,131, Oct. 2.
Koupal, Robert J., assignor to Infilco Incorporated, Chicago, Ill. Filter. 2,570,132, Oct. 2.
Kouril, Frank, Springfield, Mass. Vertically adjustable crop spraying attachment. 2,548,482, Apr. 10.
Koury, Frederic, Somerville, assignor to Sylvania Electric Products Inc., Salem, Mass. Ray detection tube. 2,552,723, May 15.
Kovac, James J., assignor to Wingfoot Corporation, Akron, Ohio. Automatic adjustment piston stop. 2,568,858, Sept. 25.
Kovac, John, Bridgeport, Conn. Device to indicate operation of ignition coil and defective spark plugs and wiring of an automobile engine. 2,564,764, Aug. 21.
Kovacevich, John, Los Angeles, Calif. Pruning shears. 2,557,506, June 19.
Kovach, Andrew J., Gary, Ind. Preselector tuner. 2,565,611, Aug. 28.
Kovacs, George J., Walled Lake, Mich. Method and apparatus for molding thermoplastic materials. 2,551,439, May 1.
Kovacs, Julius P., assignor to Purolator Products, Inc., Newark, N. J. Filter. 2,569,243, Sept. 25.
Kovacs, Lily, New York, N. Y. Combination blouse and slip. 2,557,355, June 19.
Kovalovsky, Arthur and O., Los Angeles, Calif. Brake for fishing reels. 2,566,803, Sept. 4.
Kovalovsky, Oscar: *See*—
Kovalovsky, Arthur and O.
Kovatch, Anthony P., and W. Story, Cut Bank, Mont. Tire chain and attaching structure. 2,562,798, July 31.
Kowal, Michael H.: *See*—
Hall, Maynard G., and Kowal.
Kowal, Michael H., Clifton, assignor to Empire Box Corporation, Garfield, N. J. Bottle carrier. 2,570,133, Oct. 2.
Kowalchik, Michael: *See*—
Hirsch, Harold, and Kowalchik.
Kowalczyk, Zygmunt, Krakow, Poland. Surveying target. 2,570,458, Oct. 9.
Kowalewski, John J., Bronx, N. Y., assignor to Electrolux Corporation, Old Greenwich, Conn. Apparatus for shaping materials. 2,572,267, Oct. 23.
Kowalski, Conrad S., assignor to Pioneer Parachute Company, Inc., Manchester, Conn. Parachute with stabilizing band. 2,562,799, July 31.
Kowatsch, Ferdinand, Chicago, Ill. Bathing trunks with waterproof pocket. 2,544,840, Mar. 13.
Kower, Eugene, Piedmont, Calif. Can opener and dispenser. 2,544,095, Mar. 6.
Kozacik, Alfred P., and A. N. Sachanen, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Polymethylbenzyl esters of water soluble acids. 2,554,709, May 29.
Koziol, Bernard J., Franklin, assignor to The Black-Clawson Company, Hamilton, Ohio. Paper machinery. 2,563,249, Aug. 7.
Kozlowski, Walter, Irvington, assignor of one-half to P. J. Gaylor, Newark, N. J. Micrometer scribing tool. 2,577,334, Dec. 4.
Kozup, Charles, assignee: *See*—
Hufford, Harold H.
Kraayeveld, Pieter J., Eindhoven, Netherlands, assignor to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Circuit arrangement for counting pulses. 2,547,217, Apr. 3.
Krabbe, Ulrik, Odense, Denmark, and S. Hedström, Ludvika, assignors to Allmänna Svenska Elektriska Aktiebolaget, Vasteras, Sweden. Generating low-frequency electrical oscillations. 2,567,383, Sept. 11.
Krach, Anthony E., Cleveland, Ohio., assignor to The Cuyahoga Spring Company. Two-piece trim panel fastener. 2,540,396, Feb. 6.
Krach, Anthony E., Cleveland, Ohio, assignor to The Cuyahoga Spring Company. Spring fastening device for trim channels. 2,563,121, Aug. 7.
Kracklauer, Aloysius C., Mundelein, Ill. Filter cleanout mechanism. 2,538,575, Jan. 16.
Kraeft, Herman L., Cleveland Heights, assignor to The Murray-Ohio Manufacturing Company, Cleveland, Ohio. Front wheel suspension for bicycles. 2,537,679, Jan. 9.
Kraeft, Herman L., Cleveland Heights, L. J. Walters, Shaker Heights, and R. F. Skerl, Euclid, assignors to The Murray-Ohio Manufacturing Company, Cleveland, Ohio. Apparatus for assembling bicycle frames. 2,542,538, Feb. 20.
Kraeger, Vincent S., Wenham, and A. F. Pym, deceased, Topsfield, by G. E. Heys, administrator, Swampscott, Mass., assignors to United Shoe Machinery Corporation, Flemington, N. J. Ammunition supply system. 2,542,200, Feb. 20.
Kraemer, Clifford J., assignee: *See*—
Pearl, Philip E.
Kraetsch, Gunther: *See*—
Gerner, Willi, and Kraetsch.
Krafka, Stefan, Cicero, Ill. Drill press speed reducing assembly. 2,550,012, Apr. 24.
Kraft, Alfred H., New Orleans, La. Machine-tool angle bar. 2,565,924, Aug. 28.
Kraft, Alphons N., Madison, Wis. Cleaning tool having hooklike elements connected to a flexible rod by fully reversible, freely operable hinge joints, and hooklike elements therefor. 2,569,008, Sept. 25.
Kraft Foods Company, assignee: *See*—
Nelson, Clarence E., and Kuhles.
Stine, Harold A.
Thurman, Benjamin H.
Kraft, Herman T., assignor to The General Tire & Rubber Company, Akron, Ohio. Making multiple bead pneumatic tire casings. 2,575,878, Nov. 20.

Kraft, Joseph K.: *See*—
Wallace, James M., and Kraft.

Kraft, Joseph K., Verona, N. J., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Circuit breaker operation counter. 2,580,304, Dec. 25.

Kraft, Lee F., Cleveland, Ohio. Printing press delivery mechanism. 2,550,155, Apr. 24.

Kraft, Wheaton W., Scarsdale, assignor to The Lummus Company, New York, N. Y. Separation of wax by filtration with flue gas chilling. 2,579,501, Dec. 25.

Krahler, Stanley E.: *See*—
Benning, Anthony F., Park, and Krahler.

Krainer, Helmut, Kapfenberg, assignor to Gebr. Böhler & Co. Aktiengesellschaft, Vienna, Austria. Steel for tools operating at elevated temperatures. 2,576,229, Nov. 27.

Krainer, Helmuth and K. Swoboda, Kapfenberg, assignors to Gebr. Böhler & Co. Aktiengesellschaft, Vienna, Austria. Alloyed steel suitable preferably for water hardening tools of high resistance to wear as well as shock. 2,569,894, Oct. 2.

Kral, Joseph, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Fastening device. 2,572,812, Oct. 23.

Krall, Leo W., Chicago Heights, Ill. Liquid dispenser with a resilient wall pump. 2,562,317, July 31.

Kralovec, Robert D.: *See*—
Miller, Frederick W., Jr., and Kralovec.

Kralovic, Frank S., Parma, Ohio. Spring marble gun. 2,539,957, Jan. 30.

Kramer, Burt R., Bartlesville, Okla., assignor to Phillips Petroleum Company. Production of carbon black from high-boiling aromatic oils or tars. 2,572,734, Oct. 23.

Kramer, Charles, assignor to Wooster Products, Inc., Wooster, Ohio. Detachable handle construction. 2,539,087, Jan. 23.

Kramer, Charles W., Los Angeles, Calif. Tooth paste and shave cream dispenser with interconnected control cap. 2,549,488, Apr. 17.

Kramer, Clarence F.: *See*—
Roeder, Dale, and Kramer.

Kramer, Clarence F., Birmingham, assignor to Ford Motor Company, Dearborn, Mich. Truck cab suspension. 2,549,102, Apr. 17.

Kramer, Clarence F., Birmingham, Mich. Windshield mounting. 2,549,315, Apr. 17.

Kramer, Clarence F., Birmingham, Mich. Automobile door handle. 2,573,028, Oct. 30.

Kramer, Cornelius M., New Orleans, La. Flight information device. 2,576,608, Nov. 27.

Kramer, Daniel, Willowick, Ohio. Golfer's glove. 2,554,991, May 29.

Kramer, Hans H., St. Joseph, Mo. Drive in form of gear reduction for flour mill grinding rolls. 2,555,415, June 5.

Kramer, Irving, Far Rockaway, and J. Rowe, Arverne, N. Y., assignors of one-third to said Rowe, one-third to H. Sinoff, Brookline, and one-third to E. Wolf, Boston, Mass. Time-controlled temperature-responsive fuel control system. 2,569,530, Oct. 2.

Kramer, Lloyd M., Brainerd, Minn. Dispensing device. 2,579,083, Dec. 18.

Kramer, Robert, Carpentersville, Ill. Toolholder. 2,579,082, Dec. 18.

Kramer, Samuel G., Spring Glen, N. Y. Suitcase having individually accessible sections of different height and depth. 2,552,438, May 8.

Kramer, Sydney R., assignee: *See*—
Negro, John.

Kramer Trenton Company, assignee: *See*—
Nussbaum, Otto J., and Obert.
Plumeri, John.

Kramer, Walter B., and T. A. Moore, Affton, Mo. Camclosing pivoted-jaw pliers having displaceable-half-nut actuator. 2,568,641, Sept. 18.

Krantz, Emanuel: *See*—
Kosky, John G., and Krantz.

Krantz Gustave S., assignor to Geuder, Paeschke & Frey Co., Milwaukee, Wis. Metal top for ironing boards. 2,542,818, Feb. 20.

Krantz, Gustave S., West Allis, assignor to Geuder, Paeschke & Frey Co., Milwaukee, Wis. Adjustable top for ironing boards or tables. 2,562,046, July 24.

Krantz, John C., Jr., Ruxton, assignor to The Emerson Drug Company of Baltimore City, Baltimore, Md. Preparation of bromophenacetin. 2,538,105, Jan. 16.

Krantz, John J., Bradford, Pa. Device for producing food products. 2,575,921, Nov. 20.

Krantz, Karl W., Wilmington, Del., assignor to the United States of America as represented by the United States Atomic Energy Commission. Production of dichlorododecafluoroheptane and derivatives thereof. 2,568,642, Sept. 18.

Krantz, Walter M., Ferndale, Mich. Ventilating sill for storm windows. 2,551,017, May 1.

Krantz, Walter M., assignor to Ace Storm Window Company, Youngstown, Ohio. Storm sash. 2,541,926, Feb. 13.

Krantz, Walter M., Youngstown, Ohio. Storm window and mounting frame. 2,565,772, Aug. 28.

Kranz, Harry W., assignor to The Cleveland Welding Company, Cleveland, Ohio. Fork assemblage for bicycles. 2,540,585, Feb. 6.

Krarup, Kay, Bakersfield, Calif. Collapsible music holding attachment for guitars. 2,546,767, Mar. 27.

Krasberg, Rudolf, Chicago, Ill. Combination blade and wiper holder. 2,563,940, Aug. 14.

Krasberg, Rudolf, Chicago, Ill. Beater. 2,563,941, Aug. 14.

Krasney, Norman, Los Angeles, Calif. Folding table with crosslegs and braces. 2,579,934, Dec. 25.

Krasnov, George S. and N. I., Melrose Park, Pa. Slip cover for upholstered furniture. 2,556,926, June 12.

Krasnov, Norman I.: *See*—
Krasnov, George S. and N. I.

Krasnow, Leonard L., assignor, by mesne assignments to Air-A-Feed Equipment, Inc., Worcester, Mass. Power-operated semiautomatic screw driver. 2,544,165, Mar. 6.

Krasnow, Shelley: *See*—
Test, Meyer J., and Krasnow.

Krasnow, Shelley, New York, N. Y., assignor to Schlumberger Well Surveying Corporation, Houston, Tex. Apparatus for taking physical measurements in boreholes. 2,547,875, Apr. 3.

Krasnow, Shelley, Arlington County, Va., assignor to Schlumberger Well Surveying Corporation, Houston, Tex. Apparatus for investigating a plurality of physical values in boreholes. 2,547,876, Apr. 3.

Krattebol, Alf M., Chicago, and A. Cooke, Clarendon Hills, Ill., assignors to Corn Products Refining Company, New York, N. Y. Method and apparatus for treating starch. 2,563,942, Aug. 14.

Kratzer, Herbert J., St. Louis, Mo. Variable compression ratio internal-combustion engine. 2,554,336, May 22.

Kraus, Alfred, Twickenham, Middlesex, England. Oral composition. 2,554,464, May 22.

Kraus, Alfred, Twickenham, Middlesex, England. Mucous liquefying preparation. 2,554,465, May 22.

Kraus, Gerard: *See*—
Reynolds, William B., Kraus, and Conciatori.

Kraus, Herman J., Pittsburgh, Pa. Carbon sheets, etc., with margin guides. 2,567,435, Sept. 11.

Kraus, Max R., assignee, trustee: *See*—
Goldfard, Adolph.

Krause, Ernst H., Cheverly, Md., and C. H. Hoeppner, Washington, D. C. Modulation-on-pulse control system. 2,538,017, Jan. 16.

Krause, Ernst H., Cheverly, Md., and C. E. Cleeton, Washington, D. C. Pulse group selector. 2,567,944, Sept. 18.

Krause, Ernst H., Cheverly, Md., and C. H. Hoeppner, Washington, D. C. Discriminator circuit. 2,568,750, Sept. 25.

Krause, Fred, and W. N. Calhoun, Lansing, Mich. Shaker. 2,552,188, May 8.

Krause, Frederick W., Carmichaels, Pa. Wheel lifting dolly. 2,549,489, Apr. 17.

Krause, Frederick W., Carmichaels, Pa. Trolley pole arrester. 2,555,797, June 5.

Krause, Jack H.: *See*—
Brooks, John A., Krause, Tom, and Fragen.
Tom, Theodore B., and Krause.

Krause, Jack H., and T. B. Tom, Hammond, Ind., assignors to Standard Oil Company, Chicago, Ill. Regenerating mercaptan solvent. 2,560,178, July 10.

Krause, Julius O., West Hempstead, N. Y. Sawing attachment for portable electric drills. 2,576,090, Nov. 27.

Krause, Lloyd O., North Syracuse, N. Y., assignor to General Electric Company. Power factor indicator for antennas. 2,554,196, May 22.

Krause, Norman R., assignor to J. I. Case Company, Racine, Wis. Power control. 2,540,894, Feb. 6.

Krause, Richard F., assignor to The Enterprise Aluminum Company, Massillon, Ohio. Coffee basket for drip coffee makers. 2,577,200, Dec. 4.

Krause, Robert L., Avondale, Pa., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Soil fumigant comprising fumaric dimitrile. 2,555,796, June 5.

Krause, Walter H., assignor, by mesne assignments, to Chicago Forging and Manufacturing Company, Chicago, Ill. Latch mechanism. 2,572,630, Oct. 23.

Krauss, Carl, Chicago, Ill. Showcase. 2,580,029, Dec. 25.

Krauss, Gilbert O., St. Louis, Mo. Combination flashlight and signaling device. 2,549,103, Apr. 17.

Krauss, Ralph A., Philadelphia, assignor to Anthracite Equipment Corporation, Wilkes-Barre, Pa. Hot gas agitator for heaters. 2,579,325, Dec. 18.

Krauss, Serge L.: *See*—
Bozak, Rudolph T., and Krauss.

Krauthamer, Josef, New York, N. Y. Extensible member for adjustably attaching a light diffuser to a lighting. 2,568,893, Sept. 25.

Krautheim, Edgar H.: *See*—
Cook, Luton L., and Krautheim.

Kravetz, Louis B., Baltimore, Md. Adjustable scale holding device. 2,546,825, Mar. 27.

Kraybill, Victor H., Hollywood, Ill. Flicker voltage and current measuring and recording apparatus. 2,549,976, Apr. 24.

Krayenbühl, Charles H., Copenhagen, and T. Rosenberg, Lyngby, assignors to Nordisk Insulinlaboratorium, Gentofte, Copenhagen, Denmark. Crystalline product of insulin and alkaline protein and making it. 2,538,018, Jan. 16.
Krazinski, Leo C., assignee: *See*—
Streyckmans, Hector J.
Krchma, Ignace J., Wilmington, and H. H. Schaumann, Newark, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Production of titanium dioxide. 2,559,638, July 10.
Krebeck, Ernest, Washington, D. C. Chance game device. 2,574,398, Nov. 6.
Krebs, Heinrich L., and L. S. Busch, assignors to P. R. Mallory & Co., Inc., Indianapolis, Ind. Making small metal bodies. 2,536,689, Jan. 2.
Krebs, Robert W.: *See*—
Jones, William H., Long, and Krebs.
Voorhies, Alexis, Jr., and Krebs.
Kreer, John G., Jr., Bloomfield, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Directional radio reception. 2,548,671, Apr. 10.
Krefft, Hermann E., Buenos Aires, Argentina. Fluorescent lamp. 2,555,749, June 5.
Krehbiel, John H., Hinsdale, assignor to Molex Products Co., (not incorporated), Chicago, Ill. Combined pump and gauge device. 2,576,687, Nov. 27.
Kreider, Henry R., Wadsworth Township, Medina County, Ohio. Star wheel for stable cleaners. 2,539,022, Jan. 23.
Kreider, Raymond L., Millcreek Township, Erie County, Pa., assignor to B. G. Hatch Company, Inc., Brooklyn, N. Y. Dental holding and resting device for holding the mouth in an open position. 2,570,459, Oct. 9.
Kreidl, Ekkehard L., Boston, and E. P. McFee, assignors to Gorton-Pew Fisheries Company, Ltd., Gloucester, Mass. Canning fish and shell fish and resultant product. 2,555,236, May 29.
Kreidl, Norbert J., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. High index phosphate glass. 2,544,460, Mar. 6.
Kreidl, Norbert J., Brighton, and G. F. Brewster, Williamson, assignors to Bausch & Lomb Optical Company, Rochester, N. Y. Optical glass. 2,576,521, Nov. 27.
Kreimendahl, Rodney, assignor to Lockheed Aircraft Corporation, Burbank, Calif. Operating means for sliding doors. 2,570,563, Oct. 9.
Kreiner, Anthony J., Wickliffe, Ohio., assignor, by mesne assignments, to Lockley Machine Company, New Castle, Pa. Waste flushing mechanism, including a backflow preventer. 2,547,708, Apr. 3.
Kreiner, Anthony J., Wickliffe, Ohio. Axially adjustable rotary valve. 2,576,300, Nov. 27.
Kreiner, Anthony J., Wickliffe, assignor to Designers For Industry, Inc., Cleveland, Ohio. Electric switch operating mechanism. 2,576,609, Nov. 27.
Kreis, Joseph D., Cleveland, Ohio. Oscillating gear. 2,553,858, May 22.
Kreis, Joseph D., Cleveland, Ohio. Variable oscillating gear. 2,553,859, May 22.
Kreisinger, Ella M., executrix: *See*—
Kreisinger, Henry.
Kreisinger, Henry, deceased, Piermont, N. Y., by E. M. Kreisinger, executrix, Piermont, N. Y., assignor, by mesne assignments, to Combustion Engineering-Superheater, Inc. Ram feeder for burning wood refuse. 2,558,905, July 3.
Kreisinger, Henry, Piermont, N. Y., assignor to Combustion Engineering-Superheater, Inc. Burning pulverized coal. 2,573,910, Nov. 6.
Kreisler, Jacques, Manufacturing Corporation, assignee: *See*—
Epstein, Raphael.
Kreithen, Alexander, Philadelphia, Pa., assignor to Radio Corporation of America. Neutralization of amplifiers. 2,542,087, Feb. 20.
Kreithen, Alexander, Philadelphia, Pa., assignor to Radio Corporation of America. Phase modulator. 2,551,802, May 8.
Kreitner, John, New York, N. Y. Computing apparatus. 2,551,440, May 1.
Krejci, Joseph C., Phillips, Tex., assignor to Phillips Petroleum Company. Process and apparatus for producing carbon black. 2,556,196, June 12.
Krejci, Joseph C., Phillips, Tex., assignor to Phillips Petroleum Company. Production of carbon black. 2,564,700. Aug. 21.
Krell, H. Louise, Hazleton, Pa. Protector for trouser type garments. 2,549,210, Apr. 17.
Kremer, John, Cleveland, Ohio. Disappearing image in bottle. 2,580,305, Dec. 25.
Kremer, Merle W., Cleveland Heights, and W. W. Heigle, Cleveland, Ohio, assignors to General Electric Company. Sorting apparatus. 2,549,316, Apr. 17.
Kremer, Merle W., Euclid, Ohio, assignor to General Electric Company. Apparatus for making sectional wires. 2,579,117, Dec. 18.
Kremkau, George A., U. S. Army, Silver Spring, Md. Muzzle cover. 2,545,473, Mar. 20.
Kremser, A.: *See*—
White, Ellis E.
Krenov, Boris A., New York, N. Y. Bathroom unit. 2,558,443, June 26.
Kreps, Harry E., Manor Township, Lancaster County, Pa. Fishing lure. 2,544,796, Mar. 13.
Kreps, Homer G.: *See*—
McBride, Charles F., and Kreps.
Kress, Bernard H.: *See*—
Miller, Alfred L., and Kress.
Kress, Bernard H., Morristown, N. J., assignor to Celanese Corporation of America. Esters of acetoethylmalonic acids and process. 2,540,267, Feb. 6.
Kress, Otto, assignor to The Institute of Paper Chemistry, Appleton, Wis. Oxidizer for black liquor. 2,570,460, Oct. 9.
Kress, Willard C., Grand Island, assignor to J. H. Williams & Co., Buffalo, N. Y. Pivot for adjustable fulcrum pliers. 2,557,296, June 19.
Kressman, Theodore R. E., Twickenham, England, assignor to The Permutit Company, New York, N. Y. Anion exchange materials and their preparation. 2,570,822, Oct. 9.
Kretzmer, Minor G., Jr., Wethersfield, Conn., assignor to Emhart Manufacturing Company. Automatic molten glass level control apparatus. 2,565,136, Aug. 21.
Kreuz, Kenneth L., Evanston, Ill., assignor to The Texas Company, New York, N. Y. Thiophene preparation from hydrocarbon and sulfur dioxide. 2,557,664, June 19.
Kreuz, Kenneth L., Evanston, Ill., assignor to The Texas Company, New York, N. Y. Thiophene preparation from alkane and sulfur dioxide. 2,557,665, June 19.
Kreuz, Kenneth L., Evanston, Ill., assignor to The Texas Company, New York, N. Y. Thiophene preparation from alkene and sulfur dioxide. 2,557,666, June 19.
Kreuz, Kenneth L., Fishkill, assignor to The Texas Company, New York, N. Y. Preparing thiophene carboxylic acids. 2,552,978, May 15.
Krewer, William A., Ingleside, and G. W. Ayers, assignors to The Pure Oil Company, Chicago, Ill. Emulsion breaking. 2,542,147, Feb. 20.
Krewson, Charles F., Philadelphia, Pa., assignor to the United States of America as represented by the Secretary of Agriculture. Purifying rutin. 2,543,783, Mar. 6.
Kreyling, Robert L., Parkersburg, W. Va., assignor to Philadelphia Quartz Company, Philadelphia, Pa. Manufacture of combined paperboard and silicate-clay adhesives therefor. 2,554,035, May 22.
Krieg, Edwin H., Wellesley Hills, Mass. Multiple stage bleed heater. 2,566,732, Sept. 4.
Kriegbaum, George M., Richmond, Ind., assignor to International Harvester Company. Implement lifting device. 2,555,549, June 5.
Kriegel, Joachim, Vernonia, Oreg. Toupee stabilizer and skin smoothing device. 2,555,494, June 5.
Krieger, Alvin W., assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Rotary electric switch. 2,542,088, Feb. 20.
Krieger, Alvin W., assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Free-tripping overload switch. 2,556,197, June 12.
Krieger, Gardner L.: *See*—
Morton, George A., and Krieger.
Krieger, Gardner L., and G. A. Morton, Princeton, N. J., assignors to Radio Corporation of America. Velocity selection in electron tubes. 2,572,494, Oct. 23.
Krieger, Willard: *See*—
Able, Edward T., and Krieger.
Krienen, Frank: *See*—
Hugenholtz, Eduard H., and Krienen.
Krihwan, Julius O., Erie, Pa., assignor to Talon, Inc. merchandise package. 2,566,667 Sept. 4.
Krijgsman, Centinus: *See*—
Driessen, Maxmiliaan G., Krijgsman, and Leeman.
Krilich, Ned P., Tacoma, Wash. Fish lure. 2,565,660, Aug. 28.
Krim-Ko Corporation assignee: *See*—
Stoloff, Leonard S.
Krimmel, Carl P. Evanston, assignor to G. D. Searle & Co., Skokie, Ill. Aminoalkyl esters of α,β,β-triarylpropionic acids. 2,576,230, Nov. 27.
Krinick, Joseph, Brooklyn, N. Y. Knee protector for overalls and other garments. 2,561,872, July 24.
Kristal, Norman: *See*—
Greenspoon, Hyman, and Kristal.
Kristensen, Einer, Detroit, Mich. Pipe coupling. 2,567,113, Sept. 4.
Kritchevsky, Theodore H.: *See*—
Gallagher, Thomas F., and Kritchevsky.
Kritzer, Richard W., Chicago, Ill. Heat exchange unit. 2,540,339, Feb. 6
Kritzer, Richard W., Chicago, Ill. Heat exchange unit. 2,567,716, Sept. 11.
Krivanek, Roy T.: *See*—
Krivanek, Thomas A. and R. T.
Krivanek, Thomas A. and R. T., Shaker Heights, Ohio. Surgical snare. 2,555,550, June 5.
Krizkovsky, Fritz L. P.: *See*—
Hofman, Tjako F. H., and Krizkovsky.
Kroczek, Anton M., Chicago, Ill. Tool grinding machine. 2,578,309, Dec. 11.
Kroeger, William J., and C. W. Musser, Philadelphia, Pa. Firing and safety mechanism for recoilless firearms. 2,537,062, Jan. 9.
Kroeger, William J., and C. W. Musser, Philadelphia, Pa. Breech and firing mechanism for recoilless firearms. 2,537,063, Jan. 9.

Kroehler Mfg. Co., assignee: *See*—
Gerber, George L.

Kroemer, John H.: *See*—
Davidson, John T., and Kroemer.

Kroft, Herbert M., Baltimore, Md., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Vacuum impregnation process. 2,554,254, May 22.

Kroft, Herbert M., Baltimore, Md., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Electronic phase shifter. 2,579,586, Dec. 25.

Kroft, Herbert M., Baltimore, and M. P. Vore, Catonsville, Md., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Vibration pickup. 2,571,899, Oct. 16.

Kroger Company, The, assignee: *See*—
Edwards, James R.
Harsham, Albert, and Deatherage.

Kröger, Ferdinand A., and J. T. G. Overbeek, Eindhoven, Netherlands, assignors to General Electric Company. Titanium actuated magnesium orthostannate. 2,542,336, Feb. 20.

Krogstad, Edward L., and G. B. Lockwood, Staten Island, N. Y., assignors to Lockstad Company, Wilmington, Del. Chain pipe cover. 2,555,696, June 5.

Kroha, Curt W., Fort Walton, Fla. Cot. 2,579,263, Dec. 18.

Krohn, Harry W., Jr.: *See*—
Boyer, Ralph K., and Krohn.

Krohn, Harvey: *See*—
Trapani, Vincent, and Krohn.

Krohn, Ivar T., Royal Oak, and H. Shapiro, Detroit, Mich., assignors to Ethyl Corporation, New York, N. Y. Conversion of hexaalkyldilead to tetraalkyllead. 2,555,891, June 5.

Krohn, John, San Jose, Calif. Awning. 2,542,418, Feb. 20.

Krolikowski, Joseph A.: *See*—
Radecki, Michael J., and Krolikowski.

Kroll, Albert C., Maywood, Calif. Pneumatic switch. 2,574,791, Nov. 13.

Kroll, Oscar, Pleasant Grove, Calif. Beet harvester. 2,543,529, Feb. 27.

Kroll, Stanley A.: *See*—
Cooper, Benjamin, and Kroll.

Kroll, William J., Corvallis, Oreg., assignor to the United States of America as represented by the Secretary of the Interior. Melting hafnium, zirconium, and titanium metals. 2,548,897, Apr. 17.

Kromex Corporation, assignee: *See*—
Ziskin, Manuel S., and Cline.

Kromholz, Edward J., Rockford, Ill. Automatic safety switch locking mechanism. 2,546,454, Mar. 27.

Kron, Harold O., assignor to Philadelphia Gear Works, Inc., Philadelphia, Pa. Overload limiting apparatus. 2,562,278, July 31.

Kronenberg, Marvin H., Queens Village, N. Y., assignor to Radio Corporation of America. Beam deflection system for cathode-ray devices. 2,562,985, Aug. 7.

Kroner, Thomas D.: *See*—
Haugaard, Gotfred, and Kroner.

Kronhaus, Semen, Los Angeles, Calif. Self-loading wheelbarrow. 2,544,505, Mar. 6.

Kronhaus, Semen, Los Angeles, Calif. Temperature conditioned furniture. 2,544,506, Mar. 6.

Kronhaus, Semen, Los Angeles, Calif. Stopping and controlling ships. 2,564,115, Aug. 14.

Kronisch, Eugen, New York, N. Y. Making pharmaceutical preparations. 2,575,175, Nov. 13.

Kronish, Joseph, Mount Vernon, N. Y. Nursing bottle nipple and shield therefor. 2,579,194, Dec. 18.

Kronmiller, Carl G., Edina, assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Clock thermostat. 2,558,617, June 26.

Kronmiller, Charles W., Fort Wayne, Ind., assignor to General Electric Company. Electric induction apparatus. 2,553,591, May 22.

Kronoff, Clarence R., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Picking mechanism for looms. 2,538,530, Jan. 16.

Kronoff, Clarence R., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Side slipping weft detector. 2,557,547, June 19.

Kronoff, Clarence R., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Controller for pneumatic thread removers. 2,568,543, Sept. 18.

Kronoff, Clarence R., Worcester, and G. N. Peterson, Grafton, assignors to Crompton & Knowles Loom Works, Worcester, Mass. Side slipping weft detector. 2,557,548, June 19.

Kronouer, Johan G., Eindhoven, Netherlands, assignor to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Manufacturing electric discharge tubes. 2,558,491, June 26.

Kronquest, Alfred L., Syracuse, assignor to Continental Can Company, Inc., New York, N. Y. Deoxidizing metal sheet edge portions. 2,565,137, Aug. 21.

Kronquest, Alfred L., Syracuse, assignor to Continental Can Company, Inc., New York, N. Y. Vacuumizing and closing machine with rotary bell turret, vertically movable, can supporting, bell closing pads, and pad movement rate control means. 2,570,956, Oct. 9.

Kronquest, Alfred L., Syracuse, assignor to Continental Can Company, Inc., New York, N. Y. Apparatus for vacuumizing, gassing, and closing, containers. 2,578,815, Dec. 18.

Kronquest, Alfred L., and M. M. Sedwick, Syracuse, assignors to Continental Can Company, Inc., New York, N. Y. Vacuumizing and sealing apparatus. 2,579,935, Dec. 25.

Kronquest, Crete E., North Platte, Nebr. Electric fishing signal. 2,554,197, May 22.

Kronsis, John L.: *See*—
Smith, Stephen H., and Kronsis.

Kronstein, Max, New York, N. Y. Modifying, solidifying, and insolubilizing asphalts. 2,560,650, July 17.

Kronstein, Max., New York, N. Y. Solubilizing at least partially insoluble and gelatinized waxes. 2,568,550, Sept. 18.

Kronstein, Max., New York, N. Y. Solubilizing at least partially insoluble and gelatinized oils. 2,568,551, Sept. 18.

Kroon, Reinout P., Swarthmore, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Combustion chamber with rotating fuel nozzles. 2,568,921, Sept. 25.

Kropa, Edward L.: *See*—
Thomas, Walter M., and Kropa.

Kropa, Edward L., Old Greenwich, Conn., assignor to American Cyanamid Company, New York, N. Y. Impregnating fibrous sheet materials. 2,542,819, Feb. 20.

Kropa, Edward L., Old Greenwich, Conn., assignor to American Cyanamid Company, New York, N. Y. Organic nitrogen compounds used to modify physical properties of thermoplastic polymers. 2,552,327, May 8.

Kropa, Edward L., Old Greenwich, Conn., assignor to American Cyanamid Company, New York, N. Y. Monoenolic organic compounds used to modify physical properties of thermoplastic polymers. 2,552,328, May 8.

Kropa, Edward L., Old Greenwich, Conn., assignor to American Cyanamid Company, New York, N. Y. Polyenolic organic compounds used to modify physical properties of thermoplastic polymers. 2,552,329, May 8.

Kropa, Edward L., Old Greenwich, Conn., assignor to American Cyanamid Company, New York, N. Y. Copolymers of p-isopropenyl toluene and unsaturated alkyd resins. 2,555,551, June 5.

Kropa, Edward L., Old Greenwich, Conn., assignor to American Cyanamid Company, New York, N. Y. Purification of acrylonitrile by steam distillation. 2,555,798, June 5.

Kropa, Edward L., Old Greenwich, Conn., assignor to American Cyanamid Company, New York, N. Y. Reaction products of a cyanuric triester and a polyhydric alcohol and preparing the same. 2,557,667, June 19.

Kropa, Edward L., Old Greenwich, and A. S. Nyquist, Cos Cob, Conn., assignors to American Cyanamid Company, New York, N. Y. Treatment of organic textile materials and products thereof. 2,537,064, Jan. 9.

Kropa, Edward L., Old Greenwich, and J. J. Roemer, Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Nitration of diaryl ethane. 2,537,309, Jan. 9.

Kropa, Edward L., Old Greenwich, and J. J. Padbury, Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Polymerized unsaturated tetrafluorosuccinate ester. 2,539,438, Jan. 30.

Kropa, Edward L., Old Greenwich, Conn., and J. P. Dunne, Richmond Hill, assignors to American Cyanamid Company, New York, N. Y. Hot-moldable compositions and molded products. 2,541,927, Feb. 13.

Kropa, Edward L., Old Greenwich, and J. J. Padbury, Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Treatment of polymeric chlorotrifluoroethylene. 2,543,530, Feb. 27.

Kropa, Edward L., Old Greenwich, L. E. Craig, Stamford, and A. S. Nyquist, Cos Cob, Conn., assignors to American Cyanamid Company, New York, N. Y. Fabricated structure comprising porous compositions of matter. 2,576,073, Nov. 20.

Kropp, William J., Wichita, Kans. Apparatus for making insulation batts and boards. 2,546,266, Mar. 27.

Krotz, Alvin S., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Vehicle suspension and control for steering wheels. 2,555,649, June 5.

Krotz, Alvin S., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Seat suspension. 2,575,496, Nov. 20.

Krotz, Alvin S., and R. C. Austin, Akron, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y. Constant level vehicle suspension. 2,579,084, Dec. 18.

Krouse, Gaylord F., Mason, Mich. Window stop. 2,543,913, Mar. 6.

Krøyer, Karl K. K., Aarhus, Denmark. Pressure resisting heating vessel. 2,575,667, Nov. 20.

Kruck, Ralph E., Blaisdell Point, Conn. Dispensing device. 2,563,943, Aug. 14.

Krueger, Alfred P., Stratford, assignor to Derby Sealers, Incorporated, Derby, Conn. Tape dispensing mechanism. 2,547,583, Apr. 3.

Krueger, Alfred P., Stratford, assignor to Derby Sealers, Incorporated, Derby, Conn. Tape-dispensing device. 2,573,911, Nov. 6.

Krueger, Alfred P., Stratford, assignor to Derby Sealers, Incorporated, Derby, Conn. Tape-dispensing machine. 2,573,912, Nov. 6.

Krueger, Alfred P., Stratford, assignor to Derby Sealers, Incorporated. Derby, Conn. Tape-dispensing device. 2,574,332, Nov. 6.
Krueger, Alfred P., Stratford, and O. P. Erhardt, assignors to Derby Sealers, Incorporated, Derby, Conn. Tape-dispensing machine. 2,579,149, Dec. 18.
Krueger, Clarence H., Bovey, Minn. Windshield wiper. 2,564,535, Aug. 14.
Krueger, Ernest A., Milwaukee, Wis. Adjustable height ironing table. 2,566,668, Sept. 4.
Krueger, Ernest O., Logansport, Ind. Air speed control valve. 2,558,687, June 26.
Krueger, Frank A., Shawano, Wis. Reversible heating and cooling system. 2,572,356, Oct. 23.
Krueger, Frank W., Saratoga, Calif., assignor to Food Machinery and Chemical Corporation. Filling machine. 2,540,741, Feb. 6.
Krueger, Martin C., Idaho Springs, Colo. Selective manual control for automatic change-speed transmissions. 2,577,660, Dec. 4.
Krueger, Max E., assigne: *See*—
Brumbaugh, Harold C.
Krueger, Ringland M., assignor to American Phenolic Corporation, Chicago, Ill. High-frequency transmission cable. 2,543,696, Feb. 27.
Krueger, Robert G., Milwaukee, and R. N. Kircher, assignors to West Bend Aluminum Company, West Bend, Wis. Slip clutch. 2,539,630, Jan. 30.
Krueger, Theodore H., Stratford, Conn., assignor to Better Packages Incorporated. Tape severing machine. 2,536,066, Jan. 2.
Krueger, Theodore H., Stratford, Conn., assignor to Better Packages Incorporated. Moistener for gummed tape dispensers. 2,547,584, Apr. 3.
Krueger, Theodore H., Stratford, Conn., assignor to Better Packages Incorporated. Dispenser for pressure sensitive tapes. 2,566,733, Sept. 4.
Krueger, Theodore H., Stratford, Conn., assignor to Better Packages Incorporated. Adhesive tape dispenser. 2,576,404, Nov. 27.
Krueger, Waverly D.: *See*—
Leffler, Marlin T., and Krueger.
Krueger, William J., Ferndale, assignor to Chrysler Corporation, Highland Park, Mich. Bumper and fender construction. 2,562,620, July 31.
Krug, Herbert F. W., Detroit, Mich. Watchmaker's tray. 2,547,762, Apr. 3.
Krug, Louis G., Evanston, assignor to Chicago Rawhide Manufacturing Company, Chicago, Ill. Seal. 2,564,070, Aug. 14.
Krug, Oliver J., San Bernardino, Calif. Ventilating apparatus. 2,569,319, Sept. 25.
Krug, Sam L., Chicago, Ill. Telephone lighting fixture. 2,558,259, June 26.
Krug, William J., assignor to Stackpole Carbon Company, St. Mary's, Pa. Variable inductance core structure. 2,543,551, Feb. 27.
Kruger, Cyril, New York, N. Y. Necktie rack. 2,575,111, Nov. 13.
Kruger, Cyril, New York, N. Y. Necktie rack. 2,575,112, Nov. 13.
Kruger, Henry E., assignor to The Perfection Steel Body Company, Galion, Ohio. Gate for box type vehicle bodies. 2,555,288, May 29.
Kruger, Michael H., Malden, assignor to A. L. Smith Iron Company, Chelsea, Mass. Strip for fluorescent lamps. 2,559,639, July 10.
Kruger, Michael H., Malden, assignor to A. L. Smith Iron Company, Chelsea, Mass. Connecting means for lighting fixture louver frames. 2,559,640, July 10.
Kruger, Michael H., Malden, assignor to A. L. Smith Iron Company, Chelsea, Mass. Combination light distributor and wiring conduit for elongated tubular lamps. 2,559,641, July 10.
Kruithof, Jakob, Antwerp, Belgium, assignor to International Standard Electric Corporation, New York, N. Y. Protection of three-phase motors. 2,551,610, May 8.
Kruithof, Jakob, and M. Jochem, Antwerp, Belgium, assignors to International Standard Electric Corporation, New York, N. Y. Ribbon cable. 2,559,642, July 10.
Kruithof, Jakob, and L. J. C. Nys, Antwerp, Belgium, assignors to International Standard Electric Corp., New York, N. Y. Substation circuit for reducing the attenuation of low-frequency signals by means of paralleled condensers. 2,562,924, Aug. 7.
Krukonis, Alexander C., Auburn, assignor to Crompton & Knowles Loom Works, Worcester, Mass. Shuttle tip. 2,550,273, Apr. 24.
Krukonis, Alexander C., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Thread controlling means for weft replenishing looms. 2,552,099, May 8.
Krukonis, Alexander C., Auburn, assignor to Crompton & Knowles Loom Works, Worcester, Mass. Yieldable pneumatic thread remover for looms. 2,566,839, Sept. 4.
Krum, Amos L.: *See*—
Rickert, Frederick D., and Krum.
Krumbhaar, William, New York, N. Y. Phenol formaldehyde resins. 2,545,150, Mar. 13.
Krumbhaar, William, New York, N. Y. Depolymerized copal-like resinous esters. 2,546,826, Mar. 27.
Krumbhaar, William, New York, N. Y. Rosin modified maleic resins of enlarged molecular size. 2,555,042, May 29.
Krumhansl James A., and G. H. Miller, Rochester, N. Y., assignors to Stromberg-Carlson Company. Pulse generator. 2,536,816, Jan. 2.
Krumlauf, George P.: *See*—
Kinnear, Harry B., and Krumlauf.
Krumm, Elza L., St. Louis, Mo. Enclosed Venetian blind. 2,557,978, June 26.
Krummel, William H., Jr., St. Louis, Mo. Trash pickup device. 2,564,907, Aug. 21.
Krumreich, Charles L.: *See*—
Johnson, Charles A., Jr., and Krumreich.
Krumreich, Charles L., North Arlington, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Switch for telephone substation sets. 2,566,840, Sept. 4.
Krumreich, Charles L., Whippany, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone switch and mounting. 2,580,105, Dec. 25.
Krupp, Carroll P.: *See*—
Maxey, Edwin M., and Krupp.
Krupp, Carroll P., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Sealing closure. 2,545,817, Mar. 20.
Krupp, Carroll P., Barberton, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Sealing closure. 2,557,827, June 19.
Krupp, Carroll P., Barberton, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Hose coupling. 2,567,773, Sept. 11.
Krupp, Carroll P., Barberton, and F. G. Gerber, Akron, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y. Stretchable diaphragm. 2,578,140, Dec. 11.
Kruse, John J., Waterbury, Conn. Ice gripper for vehicle wheels. 2,559,721, July 10.
Kruse, John R., Maplewood, N. J., assignor to Combustion Engineering-Superheater, Inc. Handhole refacing tool. 2,548,113, Apr. 10.
Krushelnicky, Adam, Indian Head, Saskatchewan, Canada. Trip-rope releasing device. 2,546,191, Mar. 27.
Kruth, Leon: *See*—
Seymour, George W., White, Rosen, and Kruth.
Kružík, Arnošt: *See*—
Bánovský, Alois, and Kruzik.
Kruzik, Arnost, assignor to Bata, Národní Podnik, Zlin, Czechoslovakia. Vulcanizing press for rubber tires. 2,558,140, June 26.
Krynitsky, John A.: *See*—
Rainey, William T., Jr., and Krynitsky.
Ku, Chain K., New York, N. Y. Paper clamp. 2,573,913, Nov. 6.
Kubach, Richard, assignee: *See*—
Willis, Maurice B.
Kublin, Fred W., assignor to Dazey Corporation, St. Louis, Mo. Grinder for sharpening cutlery. 2,570,564, Oct. 9.
Kubon, Clifford W., Aitkin, Minn. Potato cutting machine. 2,551,270, May 1.
Kucera, Joseph B., Traer, Iowa. Harrow runner. 2,576,256, Nov. 27.
Kucharski, Edwin A., Tarrytown, N. Y. Capacitively coupled radio-frequency power supply. 2,555,449, June 5.
Kucher, Joseph E., Lyndhurst, assignor to C-O-Two Fire Equipment Company, Newark, N. J. Fire extinguishing medium discharge method and apparatus. 2,547,018, Apr. 3.
Kucher, Joseph E., Lyndhurst, assignor to C-O-Two Fire Equipment Company, Newark, N. J. Powder expulsion means. 2,552,979, May 15.
Kuchinsky, Saul, Clifton, assignor to National Union Radio Corporation, Orange, N. J. Voltage sampling and electron beam holding arrangement. 2,564,908, Aug. 21.
Kucklinsky, Esther M., assignee: *See*—
Kucklinsky, Fred W.
Kucklinsky, Fred W., assignor to E. M. Kucklinsky, Montclair, N. J. Coating apparatus for wrapping and cartoning machines. 2,553,592, May 22.
Kuczynski, Herbert J.: *See*—
Kuczynski, Leonard P. and H. J.
Kuczynski, Leonard P. and H. J., Rockford, Ill. Fish pole light attachment. 2,574,333, Nov. 6.
Kuebler, Enid M., Bensenville, Ill. Rag looper. 2,573,204, Oct. 30.
Kuebler, Robert A.: *See*—
Fulton, John W., and Kuebler.
Kueck, Russell J., Milwaukee, Wis. Terminal having a resilient, wire engaging tongue. 2,551,844, May 8.
Kuehl, Frederick A., Jr., Westfield, assignor to Merck & Co., Inc., Rahway, N. J. N-methyl-d-glucosamine and derivatives thereof. 2,538,106, Jan. 16.
Kuehl, Frederick A., Jr., Westfield, assignor to Merck & Co., Inc., Rahway, N. J. Purification of grisein. 2,546,267, Mar. 27.
Kuehl, Hugo H., Palmer, C. J. Warka, Monson, and H. L. Porter, Springfield, Mass. Traction slide. 2,540,268, Feb. 6.
Kuehn, John J., Chicago, assignor, by mesne assignments, to Illinois Watch Case Co., Elgin, Ill. Reel drive mechanism for motion-picture projectors. 2,545,960, Mar. 20.
Kuehni, Hans P., Schenectady, N. Y., assignor to General Electric Company. Paper weight indicating equipment. 2,552,189, May 8.

Kuehni, Hans P., Schenectady, N. Y., assignor to General Electric Company. Electrical torque meter. 2,564,484, Aug. 14.

Kuellmar, Adolph G.: *See*—
Breen, Henry D., and Kuellmar.

Kuempel, Leon L., Cincinnati, Ohio. Refrigerating apparatus for vehicles. 2,569,009, Sept. 25.

Kueneman, Oswald D., Berkeley, assignor to Kaiser Metal Products, Inc., Oakland, Calif. Dishwashing machine. 2,573,794, Nov. 6.

Kuenne, Kuno R., Oconomowoc, assignor to A. J. Lindemann & Hoverson Company, Milwaukee, Wis. Deep well cooker. 2,551,441, May 1.

Kuenning, Robert W.: *See*—
Kellogg, Hary L., and Kuenning.

Kueppers, Friedrich A., Baltimore, Md., assignor to Republic Aviation Corporation, Farmingdale, N. Y. Power supply system for aircraft. 2,564,785, Aug. 21.

Kues, William, Waskish, Minn. Calf weaner. 2,559,018, July 3.

Kueter, George B., Dearborn, Mich. Apparatus for forming continuous welded tubing. 2,567,020, Sept. 4.

Kufner, Fred, Portland, Oregon, assignor of one-half to L. B. Sandblast. Gasoline mixing device. 2,556,696, June 12.

Kugel, Harry H., assignor to National Organ Supply Company, Erie, Pa. Film holder. 2,572,735, Oct. 23.

Kugler, Joseph H.: *See*—
McNamara, William J., and Kugler.

Kugler, Joseph H., and W. E. Lundquist, assignors to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Coating compositions comprising copolymers of acrylic esters and dicarboxylic acid esters. 2,544,691, Mar. 13.

Kugler, Joseph H., St. Paul, and W. E. Lundquist, Savage, assignors to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Pressure-sensitive adhesive tape. 2,544,692, Mar. 13.

Kuhl, George H., Glen Ellyn, assignor to J. B. and L. R. Chamberlain, doing business as Commander Mfg. Co., Chicago, Ill. Multiple spindle drill gearing. 2,549,490, Apr. 17.

Kuhler, Otto A., Blauvelt, N. Y. Lifeboat launching device. 2,540,535, Feb. 6.

Kuhler, Otto A., Blauvelt, assignor to American Car and Foundry Company, New York, N. Y. Grab iron or ladder rung. 2,550,274, Apr. 24.

Kuhler, Otto A., Blauvelt, assignor to American Car and Foundry Company, New York, N. Y. Room structure. 2,559,443, July 3.

Kuhler, Otto A., Blauvelt, assignor to American Car and Foundry Company, New York, N. Y. Railway car framing structure. 2,575,454, Nov. 20.

Kuhler, Otto A., Blauvelt, N. Y., and W. E. Burnett, Montclair, N. J., assignors to American Car and Foundry Company, New York, N. Y. Railroad car. 2,546,311, Mar. 27.

Kuhler, Otto A., Blauvelt, N. Y., and W. E. Burnett, Montclair, N. J., assignors to American Car and Foundry Company, New York, N. Y. Railway car. 2,564,909, Aug. 21.

Kuhles, Edward K.: *See*—
Nelson, Clarence E., and Kuhles.

Kuhlik, Hattie B., assignee: *See*—
Kuhlik, Jacob M.

Kuhlik, Jacob M., assignor to H. B. Kuhlik, Sea Gate, N. Y. Anvil for sound recording and reproducing machines. 2,550,826, May 1.

Kuhlik, Jacob M., Brooklyn, assignor to H. B. Kuhlik, Sea Gate, N. Y. South recording and reproducing machine. 2,568,681, Sept 18.

Kuhlman, Arthur L., Bay City, Mich. Valve actuating mechanism. 2,551,442, May 1.

Kuhlman, Henry J., Waterloo, Iowa. Detachably mounted corn harvester. 2,554,198, May 22.

Kuhlman, Henry J., assignor to Kuhlman Manufacturing Company, Waterloo, Iowa. Endless chain gatherer for corn pickers. 2,560,801, July 17.

Kuhlman Manufacturing Company, assignee: *See*—
Kuhlman, Henry J.

Kuhlman, William C.: *See*—
Sussin, David, and Kuhlman.

Kuhlman, William C., Cincinnati, Ohio, assignor to The Kelley-Koett Manufacturing Company, Covington, Ky. X-ray apparatus. 2,573,029, Oct. 30.

Kuhlmann, John H., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Electric motor. 2,539,144, Jan. 23.

Kuhn, Earl T., Pittsburgh, Pa. Garment hanger. 2,544,886, Mar. 13.

Kuhn, Frank, Detroit, and L. H. Thomas, Birmingham, assignors to American Electrical Heater Company, Detroit, Mich. Timing switch for electric toasters. 2,545,288, Mar. 13.

Kuhn, George F., Sinclair, Wyo., assignor to Sinclair Refining Company, New York, N. Y. Catalytic conversion of hydrocarbons with finely divided catalyst in two stages. 2,539,583, Jan. 30.

Kuhn, George F., Sinclair, Wyo., assignor to Sinclair Refining Company, New York, N. Y. Catalyst regeneration. 2,579,678, Dec. 25.

Kuhn, Herman C., Hammond, Ind., assignor to Sinclair Refining Company, New York, N. Y. Apparatus for catalytic cracking of hydrocarbons. 2,554,413, May 22.

Kuhn, Joseph M., Haddonfield, N. J., assignor to The Sherwin-Williams Company, Cleveland, Ohio. Pigment compositions for pad dyeing. 2,539,914, Jan. 30.

Kuhnen, Joan C., New York, N. Y. Walking aid. 2,538,838, Jan. 23.

Kühner, Maxime, Paris, France, assignor to International Standard Electric Corporation, New York, N. Y. Glass to metal seal in a coaxial cable. 2,551,611, May 8.

Kuhrt, Wesley A., and D. S. Hersey, assignors to United Aircraft Corporation, East Hartford, Conn. Engine with turbine and supercharger controls. 2,542,539, Feb. 20.

Kuipers, George A.: *See*—
Hickman, Kenneth C. D., and Kuipers.

Kuipers, George A., Oak Ridge, Tenn., assignor, by mesne assignments, to Eastman Kodak Company, Rochester, N. Y. Vacuum gauge. 2,552,895, May 15.

Kuka, Kai-Kobad S., assignor to The Tata Iron & Steel Co., Ltd., Jamshedpur, India. Magnetic hoist controller for traveling cranes. 2,554,036, May 22.

Kulak, John, Edmonton, Alberta, Canada. Ear ornament. 2,556,654, June 12.

Kulakusky, Anthony J., Worcester, Mass. Cribbage board. 2,536,188, Jan. 2.

Kulberg, August E.: *See*—
Gartner, Stanley J., and Kulberg.

Kulczycki, Karol: *See*—
Mastriani, Elvin A., and Kulczycki.

Kulhavý, Bedřich, Revuca, Kupele, Czechoslovakia. Sanitary closet basin. 2,559,019, July 3.

Kulhavy, Joseph T.: *See*—
Wells, Frank W., and Kulhavy.

Kulik, Alphonse C., Ipswich, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Fastener-inserting mechanism. 2,547,019, Mar. 3.

Kuljian Corporation, The, assignee: *See*—
Kuljian, Harry A.

Kuljian, Harry A., Merion, Pa. Thread advancing reel. 2,543,031, Feb. 27.

Kuljian, Harry A., Merion, Pa. Apparatus for manufacture of thread. 2,572,268, Oct. 23.

Kuljian, Harry A., Merion, Pa. Thread advancing reel having spray and drain devices. 2,573,578, Oct. 30.

Kuljian, Harry A., Merion, assignor to The Kuljian Corporation, Philadelphia, Pa. Apparatus for drying filaments. 2,574,833, Nov. 13.

Kulka, Marshall: *See*—
Manske, Richard H. F., Beattie, and Kulka.
Manske, Richard H. F., and Kulka.

Kulp, Joseph S., Arden, assignor to Sun Oil Company, Philadelphia, Pa. Thieving mechanism. 2,554,832, May 29.

Kulp, Maurice P., Linwood, Pa., assignor to American Viscose Corporation, Wilmington, Del. Producing globular articles. 2,541,165, Feb. 13.

Kulp, Maurice P., Linwood, Pa., and C. D. Vandenburgh, Charlestown, Md., assignors to American Viscose Corporation, Wilmington, Del. Producing viscose. 2,539,437, Jan. 30.

Kulp, Maurice P., Linwood, Pa., and W. A. Sisson, Silverside Heights, assignors to American Viscose Corporation, Wilmington, Del. Making crimped artificial filaments. 2,572,936, Oct. 30.

Kulpa, Stanley T.: *See*—
Whalen, Richard J., and Kulpa.

Kulpinski, Leo, Wausau, assignor to Marathon Corporation, Rothschild, Wis. Apparatus with movably mounted spoon magazine for inserting spoons in cartons. 2,563,728, Aug. 7.

Kult, Irving F., Cleveland, Ohio. Scuff pad for connection with piano pedals. 2,573,343, Oct. 30.

Kumins, Charles A., Tuckahoe, assignor to Interchemical Corporation, New York, N. Y. Ultramarine and making same. 2,544,693, Mar. 13.

Kumins, Charles A., Tuckahoe, assignor to Interchemical Corporation, New York, N. Y. Making ultramarine. 2,544,694, Mar. 13.

Kumins, Charles A., Tuckahoe, assignor to Interchemical Corporation, New York, N. Y. Making ultramarine pigment. 2,544,695, Mar. 13.

Kumins, Charles A., Brooklyn, and J. R. McNesby, assignors to Interchemical Corporation, New York, N. Y. Metallo organic compounds. 2,575,347, Nov. 20.

Kumler, Roy W., assignor, by mesne assignments, to Electro Arc Manufacturing Company, Detroit, Mich. Metal disintegrator. 2,539,439, Jan. 30.

Kummerlen, Karl, assignor to R. E. Sleight, Philadelphia, Pa. Brake for printing press ductor rolls. 2,568,343, Sept. 18.

Kumpf, George A., Erlton, N. J., assignor to Radio Corporation of America. Antenna. 2,577,469, Dec. 4.

Kumpman, Daniel, Dover, N. J. Fountain brush with separate handle, container, and brush base. 2,548,729, Apr. 10.

Kumza, Joseph J.: *See*—
Gustafson, Jarl A., Caligiuri, and Kumza.

Kunau, John F., Long Beach, Calif. Reinforcing insert for antidrip attachment for paint brushes. 2,574,042, Nov. 6.

Kundtz, Leo R., Lakewood, and A. J. Frey, Jr., Rocky River, Ohio, assignors to Products Packaging, Inc. Dispensing closure for powder container, having a wall depressible to effect pneumatic discharge of container contents. 2,549,977, Apr. 24.

Kunert, Max J., assignor to Black, Sivalls & Bryson, Inc., Kansas City, Mo. Nozzle. 2,544,556, Mar. 6.
Kunert, Max J., and R. S. Coffman, assignor to Black, Sivalls & Bryson, Inc., Kansas City, Mo. Combination pressure relief and safety head valve. 2,562,672, July 31.
Kunin, Robert: *See*—
Winters, James C., and Kunin.
Kunin, Robert, Trenton, N. J., assignor to Rohm & Haas Company, Philadelphia, Pa. Separation of amino acids. 2,549,378, Apr. 17.
Kunin, Robert, Trenton, and F. X. McGarvey, Haddon Heights, N. J., assignor to Rohm & Haas Company, Philadelphia, Pa. Mixed bed deionization. 2,578,937, Dec. 18.
Kunin, Robert, Trenton, and F. X. McGarvey, Haddon Heights, N. J., assignors to Rohm & Haas Company, Philadelphia, Pa. Deionization of sugar solutions. 2,578,938, Dec. 18.
Kunkel, Gustave A., and L. A. Eversole, Needville, Tex. Cotton and corn roller. 2,559,774, July 10.
Kunkle, Gerald E., Vandergrift, assignor to Pittsburgh Plate Glass Co., Allegheny County, Pa. Mastic sealing compound. 2,551,952, May 8.
Kunkle Valve Company, assignee: *See*—
Gilmore, Samuel E.
Kunkler, Carl J., assignor to R. L. Greene, Columbus, Ohio. Candy package. 2,538,730, Jan. 16.
Kunnas, Elmer U., Vancouver, Wash. Cable clamp. 2,541,425, Feb. 13.
Kuns, Ray F., Cincinnati, Ohio. Sportsman's fitted house trailer. 2,536,189, Jan. 2.
Kunstadter, Sigmund W., assignor to The Formfit Company, Chicago, Ill. Lady's foundation garment. 2,548,730, Apr. 10.
Kunstadter, Sigmund W., assignor to The Formfit Company, Chicago, Ill. Lady's combination garment. 2,551,612, May 8.
Kunstädter, Vilmos, Budapest, Hungary. Automatic photoprinting and developing apparatus. 2,574,215, Nov. 6.
Kunz, Bernard P., Aurora, Colo. Pivoted jaw wrench. 2,559,973, July 10.
Kunz, Bernard P., Englewood, Colo. Wrench having a pivoted outer jaw. 2,559,974, July 10.
Kunz, Jacob T., North Hills, assignor to Schulmerich Electronics, Incorporated, Sellersville, Pa. Tuning method for musical instruments. 2,542,540, Feb. 20.
Kunz, John, Menomonie, Wis. Barn cleaner. 2,547,270, Apr. 3.
Kunz, Warren, Glastonbury, assignor to United Aircraft Corporation, East Hartford, Conn. Pressurized breather for free-piston units. 2,558,444, June 26.
Kunze, Walter G., and R. B. Evans, Catonsville, Md., assignors to Le Page's Inc., Gloucester, Mass. Improved polyvinyl acetate emulsion capable of depositing water-resistant films and bonds. 2,580,230, Dec. 25.
Kunzelman, August E.: *See*—
Hopp, Harold P., and Kunzelman.
Künzi, Karl, assignor to Aktiengesellschaft der Eisen-und Stahlwerke vormals Georg Fischer, Schaffhausen, Switzerland. Screw-threading machine. 2,559,775, July 10.
Kunzl, Andrew E., Marshall, Mich., assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Door check and closer. 2,549,611, Apr. 17.
Kunzler, William S.: *See*—
Weber, Victor, and Kunzler.
Kunzog, Theodore W., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Ball-bearing structure. 2,569,531, Oct. 2.
Kunzog, Theodore W., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Restricter. 2,576,610, Nov. 27.
Kuoni, Xaver, Zurich, Switzerland. Strap tensioning and sealing device. 2,560,456, July 10.
Kuper, James B. H.: *See*—
Smullin, Louis D., and Kuper.
Kupersmith, Leo S., Cleveland Heights, Ohio. Self-aligning hub. 2,563,535, Aug. 7.
Kuperus, Jan, and P. M. van Alphen, Eindhoven, Netherlands, assignors to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Schmidt television projector housing having object surface adjustability in three mutually perpendicular directions. 2,549,978, Apr. 24.
Kupiec, Harry P., Fair Lawn, assignor to Air Associates, Incorporated, Teterboro, N. J. Hydraulic valve. 2,567,073, Sept. 4.
Kupiec, Harry P., Paramus, assignor to Air Associates, Incorporated, Teterboro, N. J. Differential hydraulic steering system. 2,567,074, Sept. 4.
Kupiec, Harry P., Paramus, N. J., and E. G. Gravenhorst, Bronxville, N. Y., assignors to Air Associates, Inc., Teterboro, N. J. Pressure actuated distributing valve means for motors. 2,537,680, Jan. 9.
Kupjack, Eugene J.: *See*—
Hipps, Herbert E., and Kupjack.
Kupka, František, Prague, assignor to Meopta, spojene zavody pro jemnou mechaniku a optiku, narodni podnik, Prerov, Czechoslovakia. Large aperture four-member photographic objective. 2,543,856, Mar. 6.
Kupka, John J., Gladstone, N. J., assignor to Jupiter Steam Appliances, Inc., New York, N. Y. Pressure fluid engine. 2,560,295, July 10.
Kupke, Harry: *See*—
Roscoe, John W., and Kupke.
Kupper, William H.: *See*—
Hart, Henry J., and Kupper.
Kloski, John F., and Kupper.
Kupper, William H., West Hartford, Conn., assignor to Royal Typewriter Company, Inc., New York, N. Y. Power operating mechanism for typewriters or like machines. 2,567,945, Sept. 18.
Kurata, Fred, Lawrence, Kans., assignor to Kask Technical Corporation, Jackson Heights, N. Y. Atomizing nozzle. 2,577,853, Dec. 11.
Kurek, Michael, Crafton, Pa. Rotary electric switch. 2,569,177, Sept. 25.
Kureth, Irven W., Monroe, Mich. Dynamoelectric machine. 2,550,013, Apr. 24.
Kurham, Maurice, Brookline, Mass. Novelty basket. 2,572,631, Oct. 23.
Kurilo, Paul J., Portland, Oreg. Ventilator. 2,557,442, June 19.
Kuriloff, Arthur H.: *See*—
Kornblum, Alvin J., Kuriloff, and Harvey.
Kurkjian, Phillip, Selma, and E. J. Derderian, Fesno, Calif. Shoe tap. 2,579,677, Dec. 25.
Kurland, Jerome J. and Joseph J., Chicago, Ill. Delayed detonating means for projectiles. 2,545,474, Mar. 20.
Kurland, Joseph J.: *See*—
Kurland, Jerome J. and Joseph J.
Kurland, Julius, Forest Hills, N. Y. Lock for bracelets or the like. 2,548,315, Apr. 10.
Kurlandsky, Sam, assignor, by mesne assignments, to Burgess Battery Company, Freeport, Ill. Dry cell and electrode therefor. 2,579,743, Dec. 25.
Kurmer, John, Philadelphia, Pa. Platform attachment for ladders. 2,553,322, May 15.
Kurshan, Jerome, Princeton, N. J., assignor to Radio Corporation of America. Electron discharge device with temperature-stabilized cathode. 2,552,047, May 8.
Kurshan, Jerome, Princeton, N. J., assignor to Radio Corporation of America. Magnetron. 2,559,506, July 3.
Kurshan, Jerome, Princeton, N. J., assignor to Radio Corporation of America. Multicontact semiconductor devices. 2,561,123, July 17.
Kurstin, William J., and V. M. Renna, Los Angeles, Calif., said Kurstin assignor to said Renna. Revolving door and cabinet. 2,564,485, Aug. 14.
Kurt, Anton, Jersey City, N. J. Apparatus for cleaning carcasses. 2,562,556, July 31.
Kurtz, Gerald T., Piedmont, and F. O. Groch, Jr., Berkeley, Calif., assignors to Pabco Products Inc. Plastic coated roofing. 2,548,029, Apr. 10.
Kurtz, John C., Irondequoit, and B. G. Gallasch, assignors to Bausch & Lomb Optical Company, Rochester, N. Y. Microscope fine adjustment. 2,563,789, Aug. 7.
Kurtz, John C., Irondequoit, and B. G. Gallasch, assignors to Bausch & Lomb Optical Company, Rochester, N. Y. Focusing mechanism for microscopes. 2,579,195, Dec. 18.
Kurtz, Julius, Tooele, Utah, and F. J. Paetsch, Rio Tinto, Nev., assignors to Anaconda Copper Mining Company, New York, N. Y. Magnetic detector. 2,554,575, May 29.
Kurtz, Lowell M., Erie, Pa., assignor to General Electric Company. Wrist pin and connecting rod assembly. 2,554,992, May 29.
Kurtz, Raymond W., Greenfield, assignor of one-half to H. C. Paull, Adair County, Iowa. Implement control hitch and associated mechanism. 2,546,192, Mar. 27.
Kurtz, Stewart S., Jr., Merion, and J. S. Sweely, Swarthmore, assignors to Sun Oil Company, Philadelphia, Pa. Phenol-aldehyde sealing agent and making the same. Re. 23,393, July 24.
Kurtz, Stewart S., Jr., Merion, and J. S. Sweely, Swarthmore, assignors to Sun Oil Company, Philadelphia, Pa. Thiourea-aldehyde sealing agents and making the same. 2,559,162, July 3.
Kurtz, Stewart S., Jr., Merion, and J. S. Sweely, Swarthmore, assignors to Sun Oil Company, Philadelphia, Pa. Melamine-aldehyde sealing agents and making the same. 2,562,866, July 31.
Kurtz, Stewart S., Jr., Merion, and J. S. Sweely, Swarthmore, assignors to Sun Oil Company, Philadelphia, Pa. Urea-aldehyde sealing agents and making the same. 2,562,867, July 31.
Kurtzon, Albert, Highland Park, Ill. Fluorescent lamp housing for corner mounting. 2,578,190, Dec. 11.
Kurtzon, Charles K., Chicago, Ill., assignor to Garden City Plating & Manufacturing Co. Combination reflector and showcase frame. 2,569,934, Oct. 2.
Kurtzon, George B., Chicago, Ill., assignor to Garden City Plating & Manufacturing Co. Telescoping socket for fluorescent light tubes. 2,560,877, July 17.
Kurz, Fred, assignor to Sangamo Electric Co., Springfield, Ill. Synchronous motor. 2,572,632, Oct. 23.
Kurz, Gustav F.: *See*—
Goebel, Elmer W., and Kurz.
Kurz, Karl F., assignor to Stereocraft Engineering Co., Portland, Oreg. Stereoscopic transparency holder. 2,571,584, Oct. 16.
Kurzweil, Robert: *See*—
Casella, Secondo L., Kurzweil, and Pesqueira.
Pesqueira, Juventino J., and Kurzweil.

Kurzweil, Robert, Kew Gardens, and J. J. Pesqueira, assignors to Morey Machinery Co. Inc., Astoria, N. Y. Hydraulically operated tailstock. 2,545,852, Mar. 20.

Kurzweil, Robert, Kew Gardens, assignor to Morey Machinery Co., Inc., New York, N. Y. Machine tool. 2,559,360, July 3.

Kushner, Bernard, assignee: *See*—
De Pasquale, Michael.

Kushner, Israel, assignee: *See*—
Grubelic, Nicholas.

Kushner, Samuel: *See*—
Cassell, Robert T., and Kushner.
Cook, Elmer W., Hook, and Kushner.
Cook, Elmer W., Kushner, and Moss.

Kusiak, Stanley, Wabash, Ind., assignor to The General Tire and Rubber Company, Akron, Ohio. Joining angularly disposed sections of vulcanized rubber strip stock. 2,571,259, Oct. 16.

Kusnarowis, Walter, Woonsocket, assignor of one-half to H. A. Barber, Cranston, R. I. Bell attachment for skates. 2,561,743, July 24.

Kusold, Charles: *See*—
Cohn, David, and Kusold.

Kuss, Fred A.: *See*—
Belford, Alexander, and Kuss.

Kuss, John D., Chippewa Lake Park, Ohio. Chance device with spiral carrier and disks. 2,578,560, Dec. 11.

Kuss, Max J., Kent, Ohio. Room humidifier. 2,570,033, Oct. 2.

Kuster, Otto R.: *See*—
Chelminski, Roman, Kuster, and Hines.

Kuster, Werner, assignor to J. R. Geigy A. G., Basel, Switzerland. Metallizable monoazo dyestuffs. 2,551,887, May 8.

Kuther, Max K., Monterey, Calif. Fish cutting machine. 2,576,301, Nov. 27.

Kutz, Walter M.: *See*—
Corson, Ben B., and Kutz.
Nickels, Joseph E., and Kutz.

Kutzler, Adolph D., R. A., and R. A., Waukegan, Ill. Hair curling device. 2,573,456, Oct. 30.

Kutzler, Raymond A.: *See*—
Kutzler, Adoph D., R. A., and R. A.

Kutzler, Robert A.: *See*—
Kutzler, Adoph D., R. A., and R. A.

Kutzler, Robert J., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Aircraft control and indicating apparatus. 2,536,850, Jan. 2.

Kutzler, Robert J., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Heat motor follow-up system. 2,560,651, July 17.

Kutzler, Robert J., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Flight control system. 2,561,873, July 24.

Kutzler, Robert J., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Automatic pilot. 2,571,260, Oct. 16.

Kuwayama, Masatoshi: *See*—
Yabuno, Gaiseki, Maki, Ajima, Kuwayama, and Ando.

Kuwayama, Masatoshi, Taga, Taga-Gun, assignor to Hitachi Limited, Tokyo, Japan. Rotary forced contact type air switch. 2,551,271, May 1.

Kuwayama, Masatoshi, Taga, Taga-Gun, assignor to Hitachi Limited, Tokyo, Japan. Circuit breaker operating device. 2,562,147, July 24.

Kux, Albert S., assignor to Kux Machine Co., Chicago, Ill. Compressing machine. 2,556,475, June 12.

Kux Machine Co., assignee: *See*—
Kux, Albert S.

Kuykendall, William C., Modesto, Calif. Can opener. 2,571,728, Oct. 16.

Kuykendall, William C., Modesto, Calif. Holder for ice-cream cans. 2,575,592, Nov. 20.

Kuzel, Joseph B.: *See*—
Fischer, Frank N., and Kuzel.

Kuzela, Joseph F.: *See*—
Stoelting, Herman O., and Kuzela.

Kuzmitz, Frank V., and B. J. South, assignors to Bendix Aviation Corporation, South Bend, Inc. Gun sight. 2,569,010, Sept. 25.

Kuzmick, Jerome F.: *See*—
Shaw, John D., and Kuzmick.

Kuzmick, Joseph N., assignor to Raybestos-Manhattan, Inc., Passaic, N. J. Modifying drying oils and friction material containing modified drying oil. 2,539,631, Jan. 30.

Kuzmick, Joseph N., Clifton, assignor to Conmar Products Corporation, Newark, N. J. Apparatus for molding plastic slide fasteners. 2,543,111, Feb. 27.

Kuzmick, Paul L.: *See*—
Whittaker, Harry, and Kuzmick.

Kvalnes, Donovan E., Penns Grove, N. J., and C. W. Croco, Swarthmore, Pa., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Di-(N-methane sulfonates) of diaryl-alkylene-diamines and their use for inhibiting acid-fading. 2,541,822, Feb. 13.

Kvapil, Kiement, and J. Zaoral, Zlin, and V. Ostrčil, H. Mostenice, assignors to Bata, národni podnik, Zlin, Czechoslovakia. Machine for tacking footwear. 2,543,178, Feb. 27.

Kvarnstrom, Alfred T., Dearborn, Mich. Collapsible high chair. 2,580,178, Dec. 25.

Kvetinskas, Bruno: *See*—
Pines, Herman, and Kvetinskas.

Kwartler, Charles E., Albany, N. Y., and P. Lucas, Bristol, Tenn., assignors to Sterling Drug Inc., Wilmington, Del. 4 aryl-4-aminomethylpiperidine derivatives and their preparation. 2,538,107, Jan. 16.

Kwasniski, Michael, Newark, N. J. Window sash and frame. 2,558,655, June 26.

Kwikform Limited, assignee: *See*—
Hawes, Albert H.

Kwitek, Edwin M., assignee: *See*—
Kwitek, George M.

Kwitek, George M., assignor of one-half to Edwin M. Kwitek and one-fourth to Reuben J. Pech, Green Bay, Wis. Mandrel core cutting, loading, and ejecting mechanism. 2,553,052, May 15.

Kyame, George J.: *See*—
Rusca, Ralph A., and Kyame.

Kyffin, Frank H., Neston, Wirral, England. Engine silencer with transverse baffle structure. 2,576,522, Nov. 27.

Kyger, Frank L., Streator, Ill. Underfeed stoker, including cooled tuyère means. 2,565,240, Aug. 21.

Kyger, Frank L., Streator, Ill. Tuyère element for use in a stoker retort. 2,565,241, Aug. 21.

Kyle, Andrew S., Chicago, Ill., assignor to Claud S. Gordon Company. Thermocouple auxiliary amplifier for controlling heating apparatus. 2,544,031, Mar. 6.

Kyle, Claude W., and T. E. Holland, Nokomis, Fla. Portable stage. 2,560,878, July 17.

Kyle, Joseph H., assignor to Armstrong Cork Company, Lancaster, Pa. Lubrication safety device. 2,543,784, Mar. 6.

Kylin, Henrik O.: *See*—
Kylin, Oskar and H. O.

Kylin, Oskar and H. O., Cleveland Heights, assignors to Bardons and Oliver, Inc., Cleveland, Ohio. Hydraulically actuated turret index mechanism. 2,549,746, Apr. 17.

Kymin Osakeyhtiö-Kymmene Aktiebolag, assignee: *See*—
Örnhjelm, Runar M. R.

Kyrides, Lucas P., assignor to Monsanto Chemical Company, St. Louis, Mo. Quaternary thenyl compounds. 2,548,898, Apr. 17.

Kyrides, Lucas P., and F. B. Zienty, assignors to Monsanto Chemical Company, St. Louis, Mo. 2-sulfanilamido-5-bromothiazoles. 2,537,592, Jan. 9.

Kysor Heater Company, assignee: *See*—
Kysor, Walter A.

Kysor, Karl D.: *See*—
Rich, Stanley R., and Kysor.

Kysor-Rich Corporation, assignee: *See*—
Rich, Stanley R., and Kysor.

Kysor, Walter A., assignor to Kysor Heater Company, Cadillac, Mich. Internal-combustion engine control apparatus. 2,565,563, Aug. 28.

Laaback, Robert J., Everett, Wash. Vertical lift scaffold. 2,563,682, Aug. 7.

Laakso, Thomas T. M.: *See*—
Kenyon, William O., Laakso, and Unruh.

Laase, Leland L.: *See*—
Pfeifer, John C., and Laase.

La Bard, Lillian S., New York, N. Y. Spectacles. 2,545,583, Mar. 20.

Labataille, Louis: *See*—
Sejournet, Jacques, and Labataille.

La Baw, William I., Kansas City, Mo. Portable nursery chair. 2,573,104, Oct. 30.

Labbe, Roland A., Thermopolis, Wyo. Massage chair. 2,572,040, Oct. 23.

Labhart, Heinrich, Basel, Switzerland. Apparatus for determining the course of the refractive index of an optically nonhomogenous medium disposed in a cell, particularly an electrophoresis cell. 2,568,589, Sept. 18.

Labin, Emile, assignor to Federal Telephone and Radio Corporation, New York, N. Y. Receiver. 2,549,825, Apr. 24.

Labin, Emile, assignor to Federal Telephone and Radio Corporation, New York, N. Y. Frequency modulation. 2,557,979, June 26.

Labin, Emile, New York, D. D. Grieg, Forest Hills, and N. H. Young, Jr., Jackson Heights, assignors to Federal Telephone and Radio Corporation, New York, N. Y. Single carrier, sound and color vision pulse system. 2,539,440, Jan. 30.

Labin, Emile, New York, and D. D. Grieg, Forest Hills, assignors to Federal Telephone and Radio Corporation, New York, N. Y. Multichannel pulse communicating system. 2,541,076, Feb. 13.

Labin, Emile, New York, and D. D. Grieg, Forest Hills, assignors to Federal Telephone and Radio Corporation, New York, N. Y. Multiplex electrical pulse communication system. 2,549,826, Apr. 24.

Labin, Emile, New York, N. Y., and D. D. Grieg, North Caldwell, N. J., assignors to Federal Telephone and Radio Corporation, New York, N. Y. Pulse modulated carrier receiver system. 2,565,504, Aug. 28.

Laboratory for Electronics, Inc., assignee: *See*—
Star, Joseph.

Labour, Jean P., Washington, D. C., assignor to Gasoline Research Industrial & Commercial Company, Inc., Panama, Panama. Apparatus for the preparation of solids containing liquid hydrocarbons. 2,557,549, June 19.

Labour, Jean P., Washington, D. C., assignor to Gasoline Research Industrial & Commercial Company, Inc., Panama, Panama. Producing apparent solidification of liquid hydrocarbons. 2,578,432, Dec. 11.
Labour, Jean P., Washington, D. C., assignor to Gasoline Research Industrial & Commercial Company, Inc., Panama, Panama. Producing apparent solidification of liquid hydrocarbons. 2,578,433, Dec. 11.
La Brecque, Theodore A., and E. H. Proulx, Elmira, assignors to The Hilliard Corporation, New York, N. Y. Making filter units. 2,550,070, Apr. 24.
La Brie, Ludger E., assignor to Hydraulic Brake Company, Detroit, Mich. Tilting valve master cylinder. 2,552,048, May 8.
La Brie, Ludger E., assignor to Hydraulic Brake Company, Detroit, Mich. Tilting valve master cylinder for hydraulic brakes. 2,574,923, Nov. 13.
Labus, Otto A., assignor to The Trane Company, La Crosse, Wis. Adjustable air distributor. 2,576,905, Nov. 27.
La Brosse & J. Dupont Reunis, assignee: *See*—
Dangin, Roger.
Labrozzi, Anthony F., and J. R. Potack, assignors to Carey-McFall Co., Philadelphia, Pa. Clamp-on tool. 2,537,837, Jan. 9.
Labrozzi, Anthony F., and E. M. Twelves, assignors to Carey-McFall Co., Philadelphia, Pa. Cutting tool. 2,546,455, Mar. 27.
Lacart, Rollin H.: *See*—
Wittlin, Albert, and Lacart.
La Cellophane, assignee: *See*—
Mauffre, Marcel.
Pierrat, Paul, and Colombu.
Rebut, Jacques A. L., and Cherigié.
Veyret, Louis.
Veyret, Louis, and Geffroy.
Veyret, Louis, and Pont.
Lacey, Felix E.: *See*—
Leaders, William M., and Lacey.
Lacey, Felix E., and W. M. Leaders, Chicago, Ill., assignors, by mesne assignments, to Swift & Company. Solvent fractionation of fatty materials. 2,552,797, May 15.
Lacey, Frederick W. H.: *See*—
Foster, Henry E., and Lacey.
Lacey, Harold T., Marietta, Ohio, and F. P. Dombroski, Jersey City, N. J., assignors to American Cyanamid Company, New York, N. Y. Light fast azoic pigments. 2,573,851, Nov. 6.
Lachaise, Jean C. H., Vitry-sur-Seine, France. Mold for the production of building members. 2,536,377, Jan. 2.
Lachmiller, Henry W., assignor to Lyle S. Corcoran, Los Angeles, Calif. Rotary trap chamber with means for varying the volume thereof. 2,550,827, May 1.
Lacker, Robert F., Hamilton, Ohio. Cigarette extinguisher. 2,561,124, July 17.
Lackey, Alan D.: *See*—
Skillman, Thomas S., and Lackey.
Lackey, Homer B., assignor to Crown Zellerbach Corporation, Camas, Wash. Separation of conidendrin from liquors containing the same. 2,577,470, Dec. 4.
Lackey, James C., Chattanooga, and H. G. Reed, Kingsport, Tenn., assignors to Eastman Kodak Company, Rochester, N. Y. Activating cellulose to prepare it for esterification. 2,552,190, May 8.
Lacks, George, Larchmont, N. Y. Knitting girdles. 2,560,580, July 17.
Lacks, Harold G., New York, N Y. Automatic sequence timing apparatus. 2,563,250, Aug. 7.
Lacks, Hyman, New York, N. Y. Apparatus for testing gas leakage. 2,567,215, Sept. 11.
Lacomble, Antoine E., assignor to Shell Development Company, San Francisco, Calif. Fuel composition. 2,573,579, Oct. 30.
Lacomble, Antoine E., San Francisco, D. Harman, and W. E. Vaughan, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Photochemical hydrobromination of olefins. 2,540,126, Feb. 6.
Lacomble, Antoine E., New York, N. Y., D. Harman, Menlo Park, and W. E. Vaughan, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Photochemical hydrobromination of olefins. 2,540,127, Feb. 6.
Laclede-Christy Company, assignee: *See*—
Cook, Luton L., and Krautheim.
Weber, Herman W.
La Croix, Clovey, Alameda, Calif. Tennis racket adapter. 2,566,215, Aug. 28.
Lacroix, Henri, and C. Belli, Geneva, Switzerland. Automatic pneumatic tire inflater. 2,536,817, Jan. 2.
La Croix, Henry N., Newark, N. J., assignor to Foster Wheeler Corporation, New York, N. Y. Bubble cap. 2,576,946, Dec. 4.
La Croix Optical Company, assignee: *See*—
Miles, John R.
La Cross, James, Shamokin, Pa. Apparatus for cleaning and flushing radiators and the like. 2,553,195, May 15.
Lacy, Lester Y., Madison, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Frequency divider. 2,573,150, Oct. 30.
Lacy, Roane M., assignee: *See*—
McAllister, Clyde M.
Ladanyi, Frank K.: *See*—
Onda, George A., and Ladanyi.
Ladd, Elbert C., Passaic, N. J., assignor to United States Rubber Company, New York, N. Y. Bromo-trichloro butenyl acetate. 2,554,533, May 29.
Ladd, Elbert C., Passaic, N. J., assignor to United States Rubber Company, New York, N. Y. Reaction of allyl ethers with aldehydes to produce ketones. 2,560,770, July 17.
Ladd, Elbert C., Passaic, N. J., assignor to United States Rubber Company, New York, N. Y. Preparation of aromatic sulfones. 2,573,580, Oct. 30.
Ladd, Elbert C., Passaic, N. J., assignor to United States Rubber Company, New York, N. Y. Preparation of keto-carboxylic acids and their derivativse. 2,577,133, Dec. 4.
Ladd, Elbert C., Passaic, N. J., assignor to United States Rubber Company, New York, N. Y. Reacting 1-alkene hydrocarbons with an ester typified by diethyl dichloromalonate. 2,577,422, Dec. 4.
Ladd, Elbert C., Passaic, and L. Y. Kiley, Westwood, N. J., assignors to United States Rubber Company, New York, N. Y. Alkylation of olefinic compounds. 2,552,980, May 15.
Ladd, Elbert C., and M. P. Harvey, Passaic, N. J., assignors to United States Rubber Company, New York, N. Y. Adducts of quinones and dialkyl phosphites. 2,553,417, May 15.
Ladd, Elbert C., and S. D. Shinkle, Passaic, N. J., assignors to United States Rubber Company, New York, N. Y. Trichloromethylalkenes. 2,561,516, July 24.
Ladd, Elbert C., Passaic, and H. Sargent, Woodridge, N. J., assignors to United States Rubber Company, New York, N. Y. 1,4-bis(trichloromethyl)-2,3 diaryl butanes. 2,565,859, Aug. 28.
Ladd, Elbert C., Passaic, and L. Y. Kiley, Hasbrouck Heights, N. J., assignors to United States Rubber Company, New York, N. Y. Making trichloromethyl compounds. 2,568,859, Sept. 25.
Ladd, Elbert C., and M. P. Harvey, Passaic, N. J., assignors to United States Rubber Company, New York, N. Y. Gamma lactones. 2,569,064, Sept. 25.
Ladd, George T.: *See*—
Rowe, Mark R., and Ladd.
Ladd, Godfrey L.: *See*—
Walsh, Thomas J., Ladd, and Heil.
Ladd, Otto H., Lancaster, Calif. Blade holder. 2,566,493, Sept. 4.
Lade, Frederick L., and E. G. Silverton, Vancouver, British Columbia, Canada. Safety control for gas stoves. 2,563,944, Aug. 14.
Lader, Leon J., Washington, D. C. Sweep generator. 2,562,925, Aug. 7.
Ladewig, Archie, Co., assignee: *See*—
Ladewig, Archie E.
Ladewig, Archie E., assignor to Archie Ladewig Co., Waukesha, Wis. Bottle washing machine. 2,551,140, May 1.
Ladewig, Olive L., Constantine, Mich. Irrigation tank and cabinet combined. 2,545,089, Mar. 13.
Ladewski, Ervin C., La Porte, Ind. Tongs. 2,561,704, July 24.
Ladge, Morris, Newton Center, Mass. Dispensing cabinet. 2,561,517, July 24.
Ladig, Cletus A., assignee: *See*—
Brothers, William B.
Ladisch, Rolf K., Drexel Hill, Pa. Spinning filaments. 2,571,457, Oct. 16.
Ladner, Oscar L., assignee: *See*—
Tadinger, Paul.
La Dow, Everett A., Detroit, Mich. Canned liquid dispenser. 2,537,899, Jan. 9.
La Duca, Joseph J., Newark, N. J. Clothes clamp. 2,566,841, Sept. 4.
Laech, Sam L., Saint Matthews, Ky. Grid assembly for bottle loading machines. 2,540,743, Feb. 6.
Laffaille, Bernard, Paris, France. Lifting apparatus. 2,540,679, Feb. 6.
Lafferty, James M., Schenectady, N. Y., assignor to General Electric Company. Direct current amplification system. 2,540,825, Feb. 6.
Laffin, Maria T., North Hollywood, Calif. Orthopedic device. 2,568,197, Sept. 18.
Laffon y Soto, Alberto, and E. de Selgas y Marin, Madrid, Spain. Diminishing background noise. 2,547,271, Apr. 3.
Lafky, Albert F. J., Longview, Wash. Trail cart. 2,546,604, Mar. 27.
La Flamme, Alderic W., and E. Goldstein, Springfield, Mass. Holding device. 2,566,804, Sept. 4.
La Fontaine, Joseph V., Portland, Oreg. Rotary cutting and scraping device. 2,544,841, Mar. 13.
La Fontaine, Timothy J., assignee: *See*—
Harshbarger, Clarence W.
La Forest, Louis Z., Parsippany, assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Phonograph system. 2,539,515, Jan. 30.
La Forest, Louis Z., Parsippany-Troy Hills Township, Morris County, assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Phonographic translating device. 2,553,140, May 15.
La Forest, Louis Z., Parsippany-Troy Hills Township, Morris County, assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Phonographic translating device for recording and reproducing. 2,572,495, Oct. 23.

La Forge, Frederick B.: *See*—
Schechter, Milton S., and La Forge.
La Forte, Michael J., Park Ridge, Ill., assignor to Vaughan Mfg. Co. Can opener. 2,573,030, Oct. 30.
La Forte, Michael J., Park Ridge, Ill., assignor to Vaughan Mfg. Co. Can opener. 2,573,031, Oct. 30.
La Fleur, Robert H., Ferndale, Mich. Casting lure. 2,536,553, Jan. 2.
Lafleur, Sinai, Detroit, Mich. Pressure reducing valve. 2,538,108, Jan. 16.
Lagally, Paul, Aschaffenburg Main, assignor to Aschaffenburger Zellstoffwerke, Aktiengesellschaft, Redenfelden Oberbayern, Germany. Preparation of vanillin and vanillin derivatives. 2,547,913, Apr. 3.
Lagardelle, Germain, Colombes, assignor to Ateliers de Construction Lavalette, Saint-Ouen, Seine, France. Injection pump. 2,578,561, Dec. 11.
Lager, Edward J., Davenport, Iowa. Core for burial vault molds. 2,578,310, Dec. 11.
Lagerlof, Karl G., Waltham, assignor to Raytheon Manufacturing Company, Newton, Mass. Transformer. 2,567,717, Sept. 11.
Lago, Francisco, Livingston, N. Y. Inkstand. 2,549,612, Apr. 17.
La Grande, Vito, Westfield, N. J. Joint brace plate. 2,568,453, Sept. 18.
Laguzzi, Mario, assignor to Poirette Corsets, Inc., New York, N. Y. Foundation garment. 2,537,412, Jan. 9.
Lahman, Charles J., Dayton, Ohio. Apparatus for venting heat transfer units of a steam-heated drying system or the like. 2,561,874, July 24.
Lahmeyer, John D., Tulsa, Okla., and J. T. Callahan, La Feria, Tex., assignors to Industrial Nucleonic Devices, Tulsa, Okla. Radioactivity detector. 2,544,928, Mar. 13.
Lai, Guy W., Osborn, Ohio. Glider position indicating device. 2,567,947, Sept. 18.
Laichee, Jhong, Toronto, Ontario, Canada. Cigarette dispensing humidor. 2,554,746, May 29.
Laidley, Clarence D.: *See*—
Drane, Phillips B., and Laidley.
Laidley, Clarence D., Tulsa, Okla. Vapor control. 2,574,151, Nov. 6.
Laidley, Harold D., assignee: *See*—
Edgerton, Arthur H.
Laing, Gordon F., Delavan, Wis., assignor, by mesne assignments, to Economy Fuse and Manufacturing Co., Chicago, Ill. Fuse construction. 2,543,245, Feb. 27.
Laing, Gordon F., Delavan, Wis., assignor, by mesne assignments, to Economy Fuse and Manufacturing Co., Chicago, Ill. Fuse construction. 2,563,536, Aug. 7.
Laing, Gordon F., Delavan, Wis., assignor to The George W. Borg Corporation, Chicago, Ill. Brake for fishing reels. 2,572,496, Oct. 23.
Laing, Gordon F., Delavan, Wis. Photometer. 2,574,571, Nov. 13.
Laing, Gordon F., Delavan, Wis., assignor, by mesne assignments, to Economy Fuse and Manufacturing Co., Chicago, Ill. Fuse construction. 2,577,531, Dec. 4.
L'Air Liquide, Societe Anonyme pour l'Etude et l'Exploitation des Procedes Georges Claude, assignee: *See*—
Dimitri, Lionel G., and Purvis.
Voleau, Jules.
Voliff, Charles L., and Hammerslag.
Laird, Arthur G., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Crystal unit. 2,575,819, Nov. 20.
Laird, Hubert C.: *See*—
Otis, Herbert C., and Laird.
Laird, John A., and J. W. Reid-Jones, assignors to Joseph Lucas Limited, Birmingham, England. Regulating means for alternating electric current generators. 2,546,549, Mar. 27.
Laird, John A., Coventry, and D. W. Morris, Aston, assignors to Joseph Lucas Limited, Birmingham, England. Spark ignition apparatus. 2,546,550, Mar. 27.
Laird, Wilbur G., Pleasantville, N. Y. Liquid storage apparatus. 2,538,875, Jan. 23.
Laizure, James C., Brawley, Calif. Connector structure for taillights. 2,546,226, Mar. 27.
Lakatos, Emory, Summit, and H. G. Och, Short Hills, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Artillery computer. 2,538,253, Jan. 16.
Lakatos, Louis L., Bala Cynwyd, Pa., assignor to Radio Corporation of America. Radio direction finder. 2,562,986, Aug. 7.
Lake, Clair D., Binghamton, W. Pfaff and D. R. Piatt, Endicott, assignors to International Business Machines Corporation, New York, N. Y. Storage unit. 2,573,581, Oct. 30.
Lake, Clair D., Binghamton, and W. Pfaff, Endicott, assignors to International Business Machines Corporation, New York, N. Y. Reading unit for small holes. 2,577,083, Dec. 4.
Lake, Douglas E., and A. A. Asadorian, assignors to The Dow Chemical Company, Midland, Mich. Production of organic bromides. 2,553,518, May 15.
Lake, Francis G.: *See*—
Kiessling, Edward A., Lake, and Stephensen.
Rinne, John, Ashton, Mallard, and Lake.
Lake, Francis G., New York, N. Y., assignor, by mesne assignments, to Steel and Alloy Tank Company, Newark, N. J. Harness return mechanism. 2,557,033, June 12.
Lake, Francis G., New York, N. Y., assignor, by mesne assignments, to Steel and Alloy Tank Company, Newark, N. J. Picking cam mounting. 2,564,335, Aug. 14.
Lake, Francis G., New York, N. Y., assignor, by mesne assignments, to Steel and Alloy Tank Company, Newark, N. J. Harness return strap and anchor device. 2,565,375, Aug. 21.
Lake, George R., Long Beach, assignor to Union Oil Company of California, Los Angeles, Calif. Azeotropic distillation of hydrocarbons. 2,555,650, June 5.
Lake, Harry W.: *See*—
Heckert, Frederick W., and Lake.
Lake Laboratories Co., Inc., The, assignee: *See*—
Mackelduff, Samuel F.
Simpson, Henry A., and Mackelduff.
Lake, Norman C.: *See*—
Wrightson, Thomas G., and Lake.
Lake Shore Engineering Company, assignee: *See*—
Speer, James W.
Lakey, Arthur B., assignor to Kingsbury Machine Works, Inc., Philadelphia, Pa. Spherical thrust bearing. 2,569,178, Sept. 25.
Lakin, Edgar W., assignee: *See*—
O'Keefe, Donald V., and M. C.
Lalande, Marc A.: *See*—
Fromageot, Antoine, Lalande, and Redard.
Lalande, Marc A., Paris, France, assignor to International Standard Electric Corporation, New York, N. Y. Transmission of low-frequency calls in telecommunication systems by interrupting the carrier. 2,547,020, Apr. 3.
La Lande, William A., Jr., Upper Darby, M. E. Aeugle, Philadelphia, and G. Molyneux, Meadowbrook, assignors to The Pennsylvania Salt Manufacturing Company, Philadelphia, Pa. Photochemical production of benzene hexachloride. 2,569,677, Oct. 2.
Lam Workshop, Inc., assignee: *See*—
Lam, William M. C.
Lam, William M. C., Boston, assignor to Lam Workshop, Inc., Brookline, Mass. Lamp shade in combination with a diffusing shade. 2,576,523, Nov. 27.
Lamanna, Stephen A.: *See*—
Marcot, Guy C., Cauwenberg, and Lamanna.
Lamar, Charles C., and V. C. Peterson, assignors to Harper-Wyman Company, Chicago, Ill. Gas burner with secondary air baffle. 2,544,603, Mar. 6.
Lamar, Edward S.: *See*—
Mouzon, James C., Lamar, and Bardeen.
La Marsh, Joseph E.: *See*—
Murphy, Frank M., and La Marsh.
Lamatsch, Frederick, Grantwood, N. J., assignor to R. Hoe & Co., Inc., New York, N. Y. Rotary printing machine frame structure. 2,579,264, Dec. 18.
Lamb, Anthony H., Hillside, N. J. Oil level gauge. 2,552,330, May 8.
Lamb, Anthony H., Hillside, N. J. Electric clock fire alarm. 2,552,331, May 8.
Lamb, Anthony H., Hillside, assignor to Weston Electrical Instrument Corporation, Newark, N. J. Electrical testing apparatus. 2,552,981, May 15.
Lamb, Anthony H., Hillside, assignor to Weston Electrical Instrument Corporation, Newark, N. J. Bimetallic thermometer. 2,558,570, June 26.
Lamb, Anthony H., Hillside, assignor to Weston Electrical Instrument Corporation, Newark, N. J. Sensitive electrical relay. 2,565,312, Aug. 21.
Lamb, Anthony H., Hillside, assignor to Weston Electrical Instrument Corporation, Newark, N. J. Surface temperature thermometer. 2,573,205, Oct. 30.
Lamb, Anthony H., Hillside, assignor to Weston Electrical Instrument Corporation, Newark, N. J. Electrical relay of toggle type. 2,574,399, Nov. 6.
Lamb Electric Company, The, assignee: *See*—
Daugherty, Frank Z.
Spielman, Milton H.
Lamb, Francis X., East Orange, assignor to Weston Electrical Instrument Corporation, Newark, N. J. Zero corrector for electrical instruments in hermetically sealed casings. 2,560,879, July 17.
Lamb, Homer M., Thompsonville, Ill. Bridle power sealed connection. 2,571,261, Oct. 16.
Lamb, Roy A., assignor to Merla Tool Corporation, Dallas, Tex. Anchoring device for well packers. 2,570,565, Oct. 9.
Lamb, Susie E., administratrix: *See*—
Lamb, Wiley T.
Lamb, Wade, Detroit, Mich., assignor, by mesne assignments, to Continental Radiant Glass Heating Corporation, New York, N. Y. Radiant heater. 2,536,648, Jan. 2.
Lamb, Wade, assignor to F. L. Jacobs Co., Detroit, Mich. Flexible valve member. 2,542,254, Feb. 20.
Lamb, Wade, Detroit, Mich., assignor to Radiant Heater Corporation, New York, N. Y. Portable tray and heater. 2,553,974, May 22.
Lamb, Wade, Detroit, Mich., assignor to Radiant Heater Corporation, New York, N. Y. Dish drying and warming tray. 2,572,163, Oct. 23.
Lamb, Wiley T., deceased, Leesburg, Fla.; S. E. Lamb, administratrix. Combination spectacle case and ash tray support for barbers' chairs. 2,550,699, May 1.
Lamb, William J., South Euclid, Ohio, assignor, by mesne assignments, to Armstrong Cork Company, Lancaster, Pa. Screw driver aligning tool. 2,565,505, Aug. 28.

Lambach, Fritz, Tenafly, assignor to Robert Reiner, Inc., Weehawken, N. J. Warp knitting machine. 2,540,128, Feb. 6.
Lambach, Fritz, Tenafly, assignor to Robert Reiner, Inc., Weehawken, N. J. Straight bar knitting machine. 2,574,487, Nov. 13.
Lambach, Fritz, Tenafly, assignor to Robert Reiner, Inc., Weehawken, N. J. Creel. 2,575,348, Nov. 20.
Lambert, Alvan R., assignor to Lambert Products, Inc., Dayton, Ohio. Lawn mower wheel. 2,551,018, May 1.
Lambert, Arthur A., Jr., Niagara Falls, assignor to Bell Aircraft Corporation, Buffalo, N. Y. Aircraft control surface balance means. 2,551,495, May 1.
Lambert Brake Corporation, assignee: *See*—
Kershner, Osborn A.
Lambert, Homer T., and Myers.
Tiscornia, James W., Lucker, Parrett, Kershner, and Myers.
Lambert, Francis M., Narberth, assignor to Heintz Manufacturing Company, Philadelphia, Pa. Ship door. 2,542,148, Feb. 20.
Lambert, Francis M., Narberth, Pa. Ventilator. 2,571,585, Oct. 16.
Lambert, Geoffrey, Denham, England, assignor to Specialties Development Corporation, Belleville, N. J. Portable fluid delivery device. 2,536,067, Jan. 2.
Lambert, Harry L., East Rochester, N. Y., assignor, by mesne assignments, to The National Cash Register Company, Dayton, Ohio. Calculating machine. 2,562,049, July 24.
Lambert, Homer T., St. Joseph, and C. R. Myers, Galien, assignors to Lambert Brake Corporation, St. Joseph, Mich. Disk brake for automotive vehicles. 2,555,651, June 5.
Lambert, John H., assignor to A. J. Hosmer Corporation, Los Angeles, Calif. Elbow lock mechanism. 2,573,032, Oct. 30.
Lambert, Joseph M., Easton, Pa., assignor to General Aniline & Film Corporation, New York, N. Y. Ternary detergent compositions. 2,577,773, Dec. 11.
Lambert, Leo J., Danvers, Mass. Machine for cutting contours. 2,539,309, Jan. 23.
Lambert, Marion L. J., assignee: *See*—
Burgess, Archibald R.
Thompson, Parke H.
Lambert, Oswald, Tamise, Belgium. Spinning machine. 2,548,610, Apr. 10.
Lambert, Paul, Paris, France. Installation for underground storage reservoirs for liquids nonmiscible with water. 2,579,005, Dec. 18.
Lambert, Peter C.: *See*—
Reilly, Hugh L., Scrimshaw and Lambert.
Lambert Products, Inc., assignee: *See*—
Lambert, Alvan R.
Lambert, Ralph E., Fort Wayne, Ind. Wrapping paper comprising single face corrugated board and integral fly webs. 2,553,923, May 22.
Lambert, Robert R., assignor to Air-Factors, Inc., Los Angeles, Calif. Adjustable grille construction. 2,552,982, May 15.
Lambert, Robert R., assignor to Air-Factors, Inc., Los Angeles, Calif. Laminar counterflow grille. 2,560,802, July 17.
Lambert, Roger E., assignor to Societe Anonyme des Manufactures des Glaces et Produits Chimiques de Saint-Gobain, Chauny & Cirey, Paris, France. Electric glass furnace. 2,545,619, Mar. 20. Class 20.
Lambert, Russell A., assignor to Brooks Bank Note Company, Springfield, Mass. Display carton. 2,557,828, June 19.
Lambert, Victorine M. M., Tangier, French Morocco, Africa. Double-barrel gun of the swinging barrel type. 2,577,335, Dec. 4.
Lambert, William H.: *See*—
Pattison, Donald R., Lambert, and Phillips.
Lamberton, Ralph E., assignor to The Jaeger Machine Company, Columbus, Ohio. Cylinder head. 2,547,914, Apr. 3.
Lamberton, Ralph E., Worthington, Ohio, assignor to Joy Manufacturing Company. Pumping apparatus. 2,565,564, Aug. 28.
Lamberts, Clamor A.: *See*—
Bergmans, Jan, and Lamberts.
Lamberty, Frederick R., Nassau, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Operator controlled coin collecting and refunding means for dial telephone systems. 2,558,571, June 26.
Lambou, Madeline G.: *See*—
Altschul, Aaron M., Condon, and Lambou.
Lambrech, Joseph A., South Charleston, W. Va., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Herbicide. 2,573,769, Nov. 6.
Lamina Dies and Tools, Inc., assignee: *See*—
Henkel, Ferdinand J.
Lamka, John F., Chicago, Ill. Novelty fishing game. 2,557,789, June 19.
Lamm, Raymond R.: *See*—
Kirkland, John B., and Lamm.
Lamm, Raymond R., Philadelphia, Pa., assignor to The Patent and Licensing Corporation, New York, N. Y. Hanger. 2,580,231, Dec. 25.
Lamm, Uno, Ludvika, assignor to Allmänna Svenska Elektriska Aktiebolaget, Vasteras, Sweden. Resistance element for pyrometers. 2,549,211, Apr. 17.
Lamm, Uno, and M. Böckman, Ludvika, assignors to Allmänna Svenska Elektriska Aktiebolaget, Vasteras, Sweden. Control system for three-phase motors. 2,550,569, Apr. 24.
Lamm, Uno, Ludvika, assignor to Allmänna Svenska Elektriska Aktiebolaget, Vasteras, Sweden. Reinforcing electric currents by direct-current saturated inductances. 2,562,047, July 24.
Lamm, Uno, and A. Arvidsson, Ludvika, assignors to Allmänna Svenska Elektriska Aktiebolaget, Vasteras, Sweden. High-voltage dry valve apparatus. 2,562,048, July 24.
Lammers, Johannes, Delft, assignor to Doken Werf-Maatschappij Wilton-Fijenoord N. V., Rotterdam, Netherlands. Recording device for ships' telegraphs. 2,541,426, Feb. 13.
Lammersen, Joseph E., assignee: *See*—
Lammersen, Walter R.
Lammersen, Walter R., North Hollywood, assignor to W. R. and J. E. Lammersen, doing business as Landell Manufacturing Company, Los Angeles, Calif. Self-kindling fuel unit. 2,548,379, Apr. 10.
Lamonde, Alphonse, Quebec, assignor to H. Beaupre, St. Raymond, Quebec, Canada. Window. 2,545,785, Mar. 20.
Lamont, Lewis H., Chicago, Ill. Protective circuit for gaseous conduction tubing. 2,560,771, July 17.
Lamoureux, George, Worcester, Mass. Tapping device for liquid-containing vessels. 2,545,620, Mar. 20.
Lampco Products, Inc., assignee: *See*—
Blazek, William J.
Lampe, Albert G., assignor of 49 per cent to Gordon Engineering, Inc., Madison, Wis. Leader holder. 2,553,097, May 15.
Lampe, Friedrich W., assignor to Lapeer Manufacturing Company, Detroit, Mich. Toggle clamp. 2,567,436, Sept. 11.
Lampert, Chester P., Seattle, Wash. Sacroiliac belt. 2,554,337, May 22.
Lamphere, Nathan, Ironton, Minn., assignor, by mesne assignments, to Hanna Coal & Ore Corporation, Cleveland, Ohio. Rotary pump. 2,543,633, Feb. 27.
Lamport Company, Inc., The, assignee: *See*—
Mishkin, Irving J.
Lamport, Samuel H., Southbridge, Mass., assignor to Golding Bros. Company, Inc., New York, N. Y. Machine for seaming thermoplastic material. 2,556,476, June 12.
Lamprecht, Joseph A., Cranford, N. J. Bottle carrier. 2,552,439, May 8.
Lamson Paragon Supply Company Limited, assignee: *See*—
Groak, Vilemina.
La Munyon, Lynne, Carlsbad, Calif. Wheel-lifting jack. 2,547,474, Apr. 3.
Lampton, Glen T., West Hartford, assignor to United Aircraft Corporation, East Hartford, Conn. Making propeller blades. 2,577,336, Dec. 4.
Lamy, Bernard L. D., Chateauneuf d'Isere, France. Four-wheeled carry scraper. 2,545,235, Mar. 13.
Lanahan, Arthur L., San Francisco, Calif. Bottle contents dispenser comprising a valve, rod, and plunger, to force trapped contents to open the valve. 2,563,251, Aug. 7.
La Nationale S. A., assignee: *See*—
Zellweger, Conrad.
Lanca Handbags Corporation, assignee: *See*—
Netz, Johann A.
Lancaster, Arthur W., assignor to E. Long Limited, Orillia, Ontario, Canada. Safety device for mine cages and the like. 2,561,060, July 17.
Lancaster Chemical Corporation, assignee: *See*—
Robinson, Thomas.
Lancaster, Cleo, assignee: *See*—
Wagers, Beverly T.
Lancaster, John E., New York, N. Y., M. Haeberlein, Maplewood, and E. C. Schmachtenberg, Short Hills, assignors to Worthington Pump and Machinery Corporation, Harrison, N. J. Degasifying means in the lubrication system of elastic fluid compressors. 2,570,134, Oct. 2.
Lancaster, John R., Goldsboro, N. C. Dashboard light for indicating the condition of vehicle lights. 2,542,930, Feb. 20.
Lancaster, John T., Newton, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Heeling machines. 2,579,936, Dec. 25.
Lancaster, Kermit P., Arcadia, Calif. Sprinkler control. 2,577,337, Dec. 4.
Lancester, R. E., assignee: *See*—
Wagers, Beverly T.
Lanchart, Jack, Brooklyn, N. Y. Food handling spoon. 2,569,179, Sept. 25.
Lancor, Joseph H., Jr., East Williston, F. R. Marindin, Port Washington, and R. D. McCoy, Bronxville, N. Y., assignors to The Sperry Corporation. Radio-optical tracking apparatus. 2,550,700, May 1.
Land, Anthony H.: *See*—
Sprague, James M., and Land.
Land, Charles W., Littleton, Colo. Two-wheel trailer automatic guide. 2,579,118, Dec. 18.
Land, Edwin H., assignor to Polaroid Corporation, Cambridge, Mass. Photographic apparatus. 2,543,180, Feb. 27.

Land, Edwin H., assignor to Polaroid Corporation, Cambridge, Mass. Photographic product comprising a rupturable container carrying a photographic processing liquid. 2,543,181, Feb. 27.

Land, Edwin H., assignor to Polaroid Corporation, Cambridge, Mass. Photographic product. 2,544,268, Mar. 6.

Land, Edwin H., assignor to Polaroid Corporation, Cambridge, Mass. Photographic developer dispensing element. 2,558,856, July 3.

Land, Edwin H., assignor to Polariod Corporation, Cambridge, Mass. Photographic developer element. 2,558,857, July 3.

Land, Edwin H., assignor to Polaroid Corporation, Cambridge, Mass. Photographic product and process. 2,559,643, July 10.

Land, Edwin H., assignor to Polaroid Corporation, Cambridge, Mass. Photographic apparatus. 2,559,858, July 3.

Land, Edwin H., assignor to Polaroid Corporation, Cambridge, Mass. Photographic product and process. 2,563,342, Aug. 7.

Land, Edwin H., assignor to Polaroid Corporation, Cambridge, Mass. Photographic apparatus. 2,563,343, Aug. 7.

Land, Edwin H., assignor to Polaroid Corporation, Cambridge, Mass. Photographic positive-producing light sensitive element and process. 2,565,376, Aug. 21.

Land, Edwin H., assignor to Polaroid Corporation, Cambridge, Mass. Hinged photographic film unit containing a liquid. 2,565,377, Aug. 21.

Land, Edwin H., assignor to Polaroid Corporation, Cambridge, Mass. Photographic product. 2,565,378, Aug. 21.

Land, Edwin H., assignor to Polaroid Corporation, Cambridge, Mass. Photographic product comprising a fluid processing agent and apparatus for use in connection therewith. 2,572,357, Oct. 23.

Land, Edwin H., assignor to Polaroid Corporation, Cambridge, Mass. Multilayer photographic film unit containing a liquid and having one layer movable with respect to another layer. 2,572,358, Oct. 23.

Land, Edwin H., assignor to Polaroid Corporation, Cambridge, Mass. Photographic apparatus. 2,576,022, Nov. 20.

Land, Edwin H., assignor to Polaroid Corporation, Cambridge, Mass. Photographic product containing a rupturable container. 2,579,587, Dec. 25.

Land, Edwin H., Cambridge, J. Mahler, Brookline, and M. Hyman, Jr., assignors to Polaroid Corporation, Cambridge, Mass. Developer for dichroic iodine images. 2,543,179, Feb. 27.

Land, Edwin H., and W. H. Ryan, assignors to Polaroid Corporation, Cambridge, Mass. Stretching continuous materials such as sheeting and the like. 2,547,763, Apr. 3.

Land, Malcolm L., assignor to Elliott Company, Jeannette, Pa. Radial spline impeller drive for turbochargers. 2,577,134, Dec. 4.

Landa, Miloslav, Most, assignor to Bata, narodni podnik, Zlin, Czechoslovakia. Manufacturing chlorinated derivatives of resols. 2,558,688, June 26.

Landau, Argo E., assignor to Royal Bond, Inc., St. Louis, Mo. Foldable prayer rail. 2,536,449, Jan. 2.

Landau, Argo E., assignor to Royal Bond, Inc., St. Louis, Mo. Foldable prayer rail. 2,536,450, Jan. 2.

Landau, Argo E., and F. X. Grossi, assignors to Royal Bond, Inc., St. Louis, Mo. Embalming preparation. 2,564,366, Aug. 14.

Landau, Edward F.: *See*—
Irany, Ernest P., and Landau.

Landau, Edward F., Newark, and E. P. Irany, Cranford, N. J., assignors to Celanese Corporation of America. Unsaturated sulfones. 2,554,576, May 29.

Landau, Frans, Vasteras, and J. G. Norberg, Stockholm, assignors to Allmanna Svenska Elektriska Aktiebolaget, Vasteras, Sweden. Calendering device for natural or synthetic rubber or similar materials. 2,565,565, Aug. 28.

Landau, Ralph, Brooklyn, assignor, by mesne assignments, to Chempatents, Inc., New York, N. Y. Recovery of polycarboxylic acid anhydrides. 2,574,644, Nov. 13.

Landauer, Fred, Rockville Centre, N. Y. Lamp for therapeutic treatments. 2,560,652, July 17.

Landauer, Fred, Rockville Centre, N. Y. Hydroelectric treatment plant with air supply. 2,580,232, Dec. 25.

Landaw Brothers, assignee: *See*—
Aiello, Anthony and J.

Landaw, Harry, assignee: *See*—
Aiello, Anthony and J.

Landaw, Hyman, assignee: *See*—
Aiello, Anthony and J.

Landell Manufacturing Company, assignee: *See*—
Lammersen, Walter R.

Landells, Joseph H., assignor of one-half to E. M. Eichenbaum, San Francisco, Calif. Radio program selection system. 2,560,803, July 17.

Landen, Ernest W.: *See*—
Gardner, John R., Landen, Middleton, and Paul.

Lander, Raymond A., Jr., Rochester, N. Y. Airplane rudder and aileron control. 2,579,265, Dec. 18.

Landers, Frary & Clark, assignee: *See*—
Anderson, Oscar M.
Badger, Harry M.
Kircher, Paul J.
Russell, William J.

Landert, Pauline A., St. Louis, Mo. Blouse. 2,556,039, June 5.

Landes, Chester G.: *See*—
Daniel, John H., Jr., Landes, and Pollard.
Maxwell, Charles S., and Landes.
Studeny, John, Pollard, and Landes.
Wilson, Lucius H., Landes, and Maxwell.

Landes, Chester G., New Canaan, and J. Studeny, Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Starch composition. 2,566,842, Sept. 4.

Landgraf, Jacob T., Freeport, assignor to H. D. Hudson Manufacturing Company, Chicago, Ill. Float type immersion heater for tanks and the like. 2,561,932, July 24.

Landgraf, Jacob T., Freeport, assignor to H. D. Hudson Manufacturing Company, Chicago, Ill. Electric heater for stock watering tanks. 2,576,688, Nov. 27.

Landis, A. B., Sons, Inc., assignee: *See*—
Chapman, William J.

Landis, George G., South Euclid, and N. J. Hoenie, Cleveland Heights, assignors to The Lincoln Electric Company, Cleveland, Ohio. Arc welding apparatus. 2,536,294, Jan. 2.

Landis, George G., South Euclid, and N. J. Hoenie, Cleveland Heights, assignors to The Lincoln Electric Company, Cleveland, Ohio. Arc welding apparatus. 2,569,476, Oct. 2.

Landis & Gyr, A. G., assignee: *See*—
Amsler, Robert.
Fehr, Paul.
Geisseler, Josef.
Heynisch, Paul.
Indergand, Josef.
Käser, Albert.
Laternser, Albin.
Limberger, Josef.
Ogurkowski, Georges.
Pudelko, Richard.
Tobler, Hans.
Widmer, Ernst.

Landis Machine Company, assignee: *See*—
Berkey, Harry L.
Dunford, Ernest.
Reimschissel, Charles A., and Hieber.
Ziegler, Clarence B.

Landis Machine Company, The, assignee: *See*—
Reimschissel, Charles A., and Davies.

Landis, Phillip S.: *See*—
White, Ralph V., Norris, and Landis.

Landis Tool Company, assignee: *See*—
Balsiger, Harold E.
Bossi, Enrico L.
Hollengreen, Milburn A., and Happel.
Hollengreen, Milburn A., and Price.
Hollengreen, Milburn A., Balsiger, and Gjesdahl.
Price, Ralph E.

Lando, Fred G., Crystal Lake, Ill. Door dewarping device. 2,571,142, Oct. 16.

Landon, Marion E., administratrix: *See*—
Landon, Walter S.

Landon, Richard W., and P. Talmey, Chicago, Ill., and G. Gutzeit, East Chicago, Ind., assignors, by mesne assignments, to M. Yonan-Malek, Washington, D. C. Treating rice. 2,546,456, Mar. 27.

Landon, Vernon D.: *See*—
Harvey, Robert L., and Landon.
Keizer, Eugene O., and Landon.

Landon, Vernon D., Princeton, N. J., assignor to Radio Corporation of America. Pulse multiplex system. 2,559,644, July 10.

Landon, Vernon D., Princeton, N. J., assignor to Radio Corporation of America. Antenna system. 2,573,914, Nov. 6.

Landon, Vernon D., and W. L. Carlson, Princeton, N. J., assignors to Radio Corporation of America. Frequency modulation altimeter and range finder. 2,537,593, Jan. 9.

Landon, Vernon D., and A. J. Neumann, Princeton, and L. C. Smith, Haddonfield, N. J., assignors to Radio Corporation of America. Signal delay device. 2,543,246, Feb. 27.

Landon, Walter S., deceased, by M. E. Landon, administratrix, assignor to Detroit Lubricator Company, Detroit, Mich. Metering valve and control means therefor. 2,564,438, Aug. 14.

Landon, Walter S., assignor to Detroit Lubricator Company, Detroit, Mich. Flow control means. 2,566,216, Aug. 28.

Landquist, Justus K., Blackley, Manchester, England, assignor to Imperial Chemical Industries Limited. 5-methoxyquinoxaline-1,4-di-N-oxide. 2,545,786, Mar. 20.

Landry, Brantley J., New Orleans, La. Vanity compact. 2,537,534, Jan. 9.

Landry, Henry J., Gardner, and R. L. Pendolari, Framingham, Mass. Manicuring device. 2,536,945, Jan. 2.

Landry, Jacobus M., Summerland, British Columbia, Canada. Agricultural implement and support for the same. 2,574,113, Nov. 6.

Landstrom, Ivan E., assignee: *See*—
Rounds, Gale A.
Landwehr, Richard F., Laurelton, N. Y. Telescoping pocket knife. 2,543,726, Feb. 27.
Lane, Albert M., assignor to Vickers Incorporated, Detroit, Mich. Power transmission. 2,549,979, Apr. 24.
Lane, Albert M., assignor to Vickers Incorporated, Detroit, Mich. Power transmission. 2,549,979, Apr. 24.
Lane, Arthur W.: *See*—
Beach, Lennox F., Esval, and Lane.
Lane, Arthur W., Roosevelt, assignor to The Sperry Corporation, Great Neck, N. Y. Starting arrangement for gyro verticals. 2,567,948, Sept. 18.
Lane, Charles E., Jensen Beach, Fla., assignor to The Borden Company, New York, N. Y. Processing oil and the product produced. 2,550,570, Apr. 24.
Lane, Edward K., Jr., Denver, Colo. Sewing spacer for buttons. 2,558,966, July 3.
Lane, Edwin C., Wyoming, N. Y. Fishhook. 2,576,795, Nov. 27.
Lane, Frank B., Silver Spring, assignor to Engineering and Research Corporation, Riverdale, Md. Aircraft of the reaction propulsion type. 2,571,586, Oct. 16.
Lane, Frank W., Elkton, Md., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Copper-phthalocyanine in pigmentary beta form and making the same. 2,556,726, June 12.
Lane, Frank W., Elkton, Md., and A. J. Stratton, West Orange, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Finishing phthalocyanine pigments. 2,556,727, Jan. 12.
Lane, Frank W., Newport, and W. L. Dills, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Textile treating solutions and compositions containing same. 2,570,566, Oct. 9.
Lane, Fred A., Shelburn, assignor to Lane Motors, Inc., Terre Haute, Ind. Oscillatory pumping mechanism and the like. 2,557,912, June 19.
Lane, Fred A., Shelburn, assignor to Lane Motors, Incorporated, Terre Haute, Ind. Oscillator drive mechanism. 2,564,982, Aug. 21.
Lane, Henry E., New York, N. Y. Neckwear accessory. 2,567,216, Sept. 11.
Lane, Henry G., Bainbridge, Ga. Device for delivering predetermined quantities of liquids. 2,556,655, June 12.
Lane, Howard H., assignor of fifty per cent to L. Lawson, Dearborn, Mich. Vehicle-wheel wrench and extension-handle assembly. 2,549,910, Apr. 24.
Lane, Joseph M., Los Angeles, Calif. Adjustable scaffolding. 2,549,212, Apr. 17.
Lane, Leslie C., Bethel, Conn., assignor to American Cyanamid Company, New York, N. Y. Preparation of melamine. 2,577,201, Dec. 4.
Lane, Leslie C., Jr., Stamford, and R. W. Hamilton, Norwalk, Conn., assignors to American Cyanamid Company, New York, N. Y. Preparation of dithiobiuret. 2,557,980, June 26.
Lane, Louis I., Miami Beach, Fla. Folded blank container for cigarettes and the like. 2,541,258, Feb. 13.
Lane Motors, Incorporated, assignee: *See*—
Lane, Fred A.
Lane-Wells Company, assignee: *See*—
Alder, Robert L.
Forsyth, Valoris L., and Dillon.
McPhee, James W.
Norelius, Russell G.
Turechek, George F.
Lanegan, Frederick E., assignor to W. H. Smith & Son Limited, London, England. Autographic register. 2,575,421, Nov. 20.
Lang, Anthony, Laurens, Iowa. Wireless check row attachment for corn planters. 2,564,162. Aug. 14.
Lang, Boris M., New Preston, Conn. Vehicle mounted material handling apparatus. 2,541,523, Feb. 13.
Lang, C. C., & Son, Inc., assignee: *See*—
Lang, Charles E., Karnemaat, and Jansma.
Lang, Charles A., assignor to Russell-Miller Milling Co., Minneapolis, Minn. Air filter. 2,552,191, May 8.
Lang, Charles A., assignor to Russell-Miller Milling Co., Minneapolis, Minn. Shortening cutter. 2,579,326, Dec. 18.
Lang, Charles E., Glenarm, Md., A. Karnemaat, and J. Jansma, Fremont, Mich., assignors to C. C. Lang & Son, Inc., Baltimore, Md. Agricultural picker and assorter. 2,536,507, Jan. 2.
Lang, Charles W., San Francisco, Calif. Cam shaft 2,552,724, May 15.
Lang, Frank G., Miami, Fla. Bed elevator. 2,545,289, Mar. 13.
Lang, Harry A. and R. M. Graves, Evansville, Ind. Cutting and flanging attachment. 2,560,804, July 17.
Lang, Harry A. and R. M. Graves, Evansville, Ind. Cutting and flanging attachment. 2,560,805, July 17.
Lang, Henry T., Cleveland, Ohio, assignor to General Electric Company. Inlet dirt deflector and filter arrangement for suction cleaners. 2,539,195, Jan. 23.
Lang, Henry T., Cleveland, Ohio, assignor to General Electric Company. Open circuiting arrangement for commutator brushes. 2,545,365, Mar. 13.
Lang, Homer V., Charlotte, N. C. Warp dye beam. 2,548,899, Apr. 17.
Lang, Joseph C., assignor to Bocjl Corporation, Pittsburgh, Pa. Fastener driving device. 2,574,875, Nov. 13.
Lang, Joseph C., assignor to Bocjl Corporation, Pittsburgh, Pa. Impact tool. 2,575,455, Nov. 20.
Lang, Karl A., Glenview, and J. F. Cross, Franklin Park, assignors to Wheelco Instruments Company, Chicago, Ill. Apparatus for measuring physical conditions. 2,576,611, Nov. 27.
Lang, Leonard E.: *See*—
Orchard, Mildred C., and Lang.
Lang, Maxwell E., New York, N. Y. Collapsible sanitary lining for washbowls. 2,563,945, Aug. 14.
Lang, Paul H.: *See*—
Ten Bosch, Maurits, and Lang.
Lang Pen Company Limited, The, assignee: *See*—
Wade, Eric E. S., and Livsey.
Lang, Peter, Chicago, Ill. Book marker. 2,543,182, Feb. 27.
Lang, Robert C.: *See*—
Cook, James M., Lang and Salter.
Lang, Rudolph C.: *See*—
Rhodes, George H., and Lang.
Lang, Theodore, Flushing, N. Y. Photographic flash gun. 2,544,388, Mar. 6.
Lang, Victor, Jr., Union, N. J. Adjustable joint structure for electric lamp supports. 2,557,507, June 19.
Lang, Wallace E., Saginaw, Mich. Vertical lift pump. 2,552,681, May 15.
Lang, Walter: *See*—
Nagel, John D., and Lang.
Lang, Wilbur L., Omaha, Nebr. Door casing. 2,562,105, July 24.
Lang, William, Verona, assignor to The Bates Manufacturing Company, Orange, N. J. Characterized slide calendar. 2,542,683, Feb. 20.
Lang, William, Verona, assignor to The Bates Manufacturing Company, West Orange, N. J. Cardholder for index devices. 2,551,213, May 1.
Lang, Wilmarth Y., Towaco, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Counting apparatus. 2,543,531, Feb. 27.
Lang, Wilmarth Y., Towaco, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Magnetic recorder. 2,561,476, July 24.
Lang, Wolfgang S.: *See*—
Witzky, Julius E., Lang, and Jakob.
Langbein, Charles, assignee: *See*—
Braccio, Michael.
Langbein, Emil, assignee: *See*—
Braccio, Michael.
Langbein, William, assignee: *See*—
Braccio, Michael.
Langbein, Wm., & Bros., assignee: *See*—
Braccio, Michael.
Langdon, Andrew, Brighton, assignor to General Railway Signal Company, Rochester, N. Y. Electric switch lock for railroads. 2,565,773, Aug. 28.
Langdon, Harry M.: *See*—
Andersen, Johan M. and O. T., and Langdon.
Langdon, Howard H.: *See*—
Coghill, James T., and Langdon.
Langdon, Jesse D., Long Beach, Calif. Cross connection eliminator. 2,574,488, Nov. 13.
Langdon, Mary E., Sterling, Ill.; now by marriage M. E. Link. Ruffle and lace doily attachment for irons. 2,545,621, Mar. 20.
Langdon, Niles, assignee: *See*—
Derby, Lloyd A.
Langdon, Samuel W., Rochester, N. Y. Camera shutter and flashlight synchronizer. 2,555,495, June 5.
Langdon, Vera V., and J. S. Irvine, Indianapolis, Ind. Battery-operated book light. 2,561,744, July 24.
Langdon, William K.: *See*—
Jackson, Donald R., Langdon, and Vaughn.
Lange, Bror G., Jonkoping, and K. H. Lange, Stockholm, Sweden. Buoyancy scale. 2,544,032, Mar. 6.
Lange, Emil, Paris, France. Electric circuit controlling device. 2,570,567, Oct. 9.
Lange, Frank C., assignor to The Badger Shirt Company, Racine, Wis. Cutting machine. 2,574,269, Nov. 6.
Lange, Harold T., Webster Groves, assignor to Sporlan Valve Company, St. Louis, Mo. Refrigerant expansion valve. 2,573,151, Oct. 30.
Lange, Heinrich, Hamburg, Germany. Centrifugal actuator. 2,579,266, Dec. 18.
Lange, John J., Cuyahoga Falls, and A. G. Maranville, Akron, assignors to The Falls Stamping & Welding Company, Cuyahoga Falls, Ohio. Wheel. 2,559,975, July 10.
Lange, Karl H.: *See*—
Lange, Bror G. and K. H.
Lange, Max E., Cleveland Heights, assignor to The Warner & Swasey Company, Cleveland, Ohio. Machine tool. 2,571,043, Oct. 9.
Lange, Paul H.: *See*—
Bullard, Edward P. and E. P. III, Appelberg, Bjorklund, Cowell, Grinage, Johnson, Lange, and Mussler.
Lange, Robert E.: *See*—
Mansfield, Ernest R., Luebbers, and Lange.
Lange, Russell W., Chatham, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Measurement of Q of resonant electrical systems. 2,576,257, Nov. 27.

Lange, Willy, Cincinnati, assignor to The Procter and Gamble Company, Ivorydale, Ohio. Refining cottonseed oil. 2,551,496, May 1.
Lange, Willy, Cincinnati, and R. G. Folzenlogen, Golf Manor, assignors to The Procter & Gamble Company, Cincinnati, Ohio. Isolation of sterols. 2,573,265, Oct. 30.
Langefors, Nils B.: *See*—
Svensson, Sven G., Person, and Langefors.
Langel, Adrien L., assignor to Chicago Metallic Manufacturing Company, Chicago, Ill. Receptacle closure. 2,559,361, July 3.
Langel, Adrien L., and J. H. Debs, assignors to Chicago Metallic Manufacturing Company, Chicago, Ill. Baking pan. 2,556,927, June 12.
Langel, Robert, Courtelary, Switzerland. Apparatus for internal truing of holes. 2,545,435, Mar. 20.
Langen, Eugen, Elsdorf, assignor to Pfeifer und Langen, Elsdorf/Rheinland, Germany. Device for extraction of sugar from sugar beet slices. 2,577,135, Dec. 4.
Langenbahn, Albert E., New Holland, Ill. Self-regulating stock tank. 2,570,694, Oct. 9.
Langenberg, Frederick G., University City, Mo. Adjustable foundation structure. 2,540,622, Feb. 6.
Langendorf United Bakeries, Inc., assignee: *See*—
Lewis, Earl G.
Langenfeld, William F., Earling, Iowa. Tractor chain. 2,545,887, Mar. 20.
Langenwalter, Daniel F., Schenectady, N. Y., assignor to General Electric Company. Temperature measuring device. 2,575,922, Nov. 20.
Langenwalter, Daniel F., Schenectady, N. Y., assignor to General Electric Company. Phase shifting control circuit. 2,537,767, Jan. 9.
Langer, Bernard F.: *See*—
Slepian, Joseph, and Langer.
Langer, Joseph, Bronx, N. Y. Film handling means for developing tanks. 2,571,900, Oct. 16.
Langer, Joseph A., Richmond, Calif. Rolling door barrel. 2,540,742, Feb. 6.
Langer, Nicholas, assignee: *See*—
Fener, Alfred and H.
Langer, Nicholas, New York, N. Y. Sealing device for heat-sealing machines of the thermal impulse type. 2,574,095, Nov. 6.
Langer, Rudolph M.: *See*—
Hendrix, Don O., and Langer.
Langevin, Homer L.: *See*—
Ritterbusch, Harry F., and Langevin.
Langfeld, Edward H., Perth Amboy, N. J. Drinking vessel having means for cutting open and holding a metallic container. 2,559,362, July 3.
Langham, Eric M.: *See*—
Bedford, Leslie H., Bell, and Langham.
Langhurst, Louis F., assignor to The V. D. Anderson Company, Cleveland, Ohio. Solvent extractor. 2,554,109, May 22.
Langille, Wilfred O., Chester, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Vacuum cleaner with illuminating device. 2,575,554, Nov. 20.
Langis, Louis P. and R. E., Westbrook, Maine. Telephone receiver rest with attachment for holding receiver switches. 2,551,141, May 1.
Langis, Robert E.: *See*—
Langis, Louis P. and R. E.
Langkammerer, Carl M.: *See*—
Fawcett, Frank S., and Langkammerer.
Howk, Benjamin W., and Langkammerer.
Langley, Stanley, assignor to Amalgamated Electric Corporation, Limited, Toronto, Ontario, Canada. Electric switch. 2,574,745, Nov. 13.
Langley, Thomas W.: *See*—
Jellis, Morgan, and Langley.
Langlois, Gordon E.: *See*—
Holm, Melvin M., and Langlois.
Langmeier, Arthur, assignor to Hercules Powder Company, Wilmington, Del. Froth flotation of siliceous impurities from cellulose. 2,576,464, Nov. 27.
Langos, Otto A., Chicago, Ill. Self-feeding paper bursting toy gun. Re. 23,386, July 3.
Langs, Charles L., Grosse Pointe Park, Mich. Breast cover. 2,553,825, May 22.
Langsdorf, Alexander S. Jr., Chicago, Ill., assignor to the United States of America as represented by the United States Atomic Energy Commission. Preparation of beryllium nitride. 2,567,518, Sept. 11.
Langsenkamp-Wheeler Brass Works, Inc., The, assignee: *See*—
Quinn, Roy E.
Langsett, Victor M., trustee, assignee: *See*—
Kessler, Ward P.
Smith, Lawrence H.
Langston, James W.: *See*—
Goebel, Max T., Langston, Loder, and Siefen.
Langston, Samuel M., Co., assignee: *See*—
Cleaver, William H.
Nitchie, Charles D.
Sieg, Karl.
Wagner, Wilmer W., Jr., and Greenwood.
Langvand, Ivar L., and G. J. Schoessow, Barberton, Ohio, assignors to The Babcock & Wilcox Company, Rockleigh, N. J. Boiler drum and soot hopper construction. 2,561,875, July 24.
Lanier, William H., Glendale, Calif. Nose construction for model airplanes. 2,559,882, July 10.
Lanius, James C., Jr., Evansville, Ind. Coloring or coating applicator and guard therefor. 2,537,468, Jan. 9.
Lankau, Charles A., Nanuet, N. Y., R. E. Leeks, Allwood, N. J., and C. L. Marino, Newburg, assignors to The Patent and Licensing Corporation, New York, N. Y. Dispersions of bitumen and a rubber for use as adhesives. 2,537,190, Jan. 9.
Lankelma, Herman P.: *See*—
Bartleson, John D., and Lankelma
Lankenau, Elmer E., Fort Wayne, Ind. Storage crib. 2,557,878, June 19.
Lankford, Allan M., Baltimore, D. G. Russell, Jarrettsville, and R. W. Whitney, Baltimore, Md. Preformed and preshaded jacket crown and fitting same. 2,537,142, Jan. 9.
Lankton, Joel F., Peoria, Ill. Building construction. 2,562,050, July 24.
Lann, Joseph S., Collins Park, and M. H. Hunt, Claymont, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Stabilizing aliphatic sulfonylchlorides. 2,556,879, June 12.
Lanning, Roy, Sabetha, and C. Brougher, Morrill, Kans. Rowing device. 2,536,451, Jan. 2.
Lanning, William C., Bartlesville, Okla., assignor to Phillips Petroleum Company. Prevention of solid deposits in Fischer-Tropsch plant lines. 2,572,633, Oct. 23.
Lanning, William C., Bartlesville, Okla., assignor to Phillips Petroleum Company. Hydrocarbon synthesis process. 2,573,795, Nov. 6.
Lannou, Victor, Pelly, Tex. Insulated extension clip-on test prod. 2,574,043, Nov. 6.
Lansdale, William M., and C. R. Buchet, Los Angeles, Calif. Automatic water unloader. 2,537,224, Jan. 9.
Lansing-Bagnall Limited, assignee: *See*—
Burger, Frank E.
Lansing, Paul J., Los Angeles, Calif., assignor to Thompson Products, Inc., Cleveland, Ohio. Multiple pump and motor unit for aircraft fuel systems. 2,546,034, Mar. 20.
Lanston Monotype Machine Company, assignee: *See*—
Stryker, George H.
Lanter, Clarence W.: *See*—
Breuer, Grant W., Lanter and Lorr.
Lanter, Clarence W., Bartlett, assignor to Breuer Electric Mfg. Company, Chicago, Ill. Caster mounting for cylindrical containers. 2,543,697, Feb. 27.
Lantz, Alpha P., Washington, D. C. Ironing board having fastening means. 2,542,037, Feb. 20.
Lantz, Alpha P., Washington, D. C. Portable collapsible ironing board. 2,545,475, Mar. 20.
Lantz, Alpha P., Washington, D. C. Combination ironing board and support therefor. 2,552,049, May 8.
Lantz, Alpha P., Washington, D. C. Portable foldable ironing board. 2,558,141, June 26.
Lantz, Martin J., Portland, Oreg., assignor to the United States of America as represented by the Secretary of the Interior. Alternating current measuring device and method. 2,544,696, Mar. 13.
Lantz, Lester H.: *See*—
Shipman, Raldo E., and Lantz.
Lanuti, Joseph E., assignee: *See*—
Wilcox, James F.
Lanuza, Delfin, Levallois-Perret, assignor of one-third to Andre A. Carlier, Neuilly-sur-Seine, France. System for receiving communication signals without disturbance. 2,564,014, Aug. 14.
Lanzl, Hans, assignee: *See*—
Nordhem, Eric N.
Lapadura, Thomas A., Brooklyn, N. Y. Automatic warning signal for motor vehicles. 2,578,562, Dec. 11.
La Panta, Warren E., Duluth, Minn. Stoker retort with cooling means and water and steam feeding means. 2,558,301, June 26.
Lapeer Manufacturing Company, assignee: *See*—
Hollenbeck, De Vere C.
Lampe, Friedrich W.
Lapeyre, Emile M.: *See*—
Lapeyre, Fernand S., J. M., III, and E. M.
Lapeyre, Fernand S., New Orleans, J. M. Lapeyre, III, and E. M. Lapeyre, assignors to Peelers, Incorporated, Houma, La. Machine for peeling shrimp. 2,537,355, Jan. 9.
Lapeyre, Fernand S., New Orleans, and J. M. Lapeyre, III, assignors to Peelers, Incorporated, Houma, La. Shrimp peeling machine. 2,574,044, Nov. 6.
Lapeyre, James M., III: *See*—
Lapeyre, Fernand S. and J. M.
Lapeyre, Fernand S., J. M., III, and E. M.
Lapham, Sidney D., Contra Costa County, Calif. Industrial truck. 2,547,329, Apr. 3.
Lapham, Sidney D., Martinez, Calif. Fork lift truck. 2,574,045, Nov. 6.
Lapierre, John R., Spokane, Wash. Can opener. 2,556,731, June 12.
La Pierre, William G., Kittery Point, Maine. Closure for carrying clips or the like. 2,551,019, May 1.
Lapin Products, Inc., assignee: *See*—
Rosenheim, David.
Rosenheim, David J.

Lapish, Arlington V., Fort Wayne, Ind., assignor, by mesne assignments, to Farnsworth Research Corporation. Automatic record changer. 2,539,441, Jan. 30.
Lapish, Arlington V., Fort Wayne, Ind., assignor, by mesne assignments, to Farnsworth Research Corporation. Automatic record changer. 2,576,125, Nov. 27.
Laplace, Louis B., Ardmore, Pa. Chair. 2,539,023, Jan. 23.
La Plant-Choate Manufacturing Co., Inc., assignee: *See*—
Huff, Clifford H.
Hyler, Loiell L.
Hyler, Loiell L., and Galbraith.
Rockwell, Harvey W.
La Plante, Paul W., Phoenix, Ariz. Perpetual calendar. 2,575,555, Nov. 20.
Lapointe, Donald H., Meriden, Conn. Antifriction bearing-retaining strip. 2,566,421, Sept. 4.
La Polla, Louis: *See*—
Iannone, Armand A., and La Polla.
Laporte Chemicals Limited, assignee: *See*—
Wood, William S., and Clennett.
La Porte, Francis L., assignee: *See*—
La Porte, Louis F.
Laporte, Joe, Montreal, Quebec, Canada. Eye and ear shield. 2,537,768, Jan. 9.
La Porte, Louis F., St. Louis, Mo., assignor to F. L. La Porte, San Bernardino, Calif. Evacuating refrigerator equipment. 2,556,697, June 12.
La Porte, Louis F., Wellston, Mo., assignor to F. L. La Porte, San Bernardino, Calif. Refrigerator defrosting method and apparatus. 2,553,657, May 22.
Laporte, Marie K., Arlington, Va. Lighting attachment for telephones. 2,560,653, July 17.
Laporte, Marie K., Arlington County, Va. Combined cover and illuminating means for telephones. 2,572,089, Oct. 23.
Laporte, Marie K., Arlington, Va. Telephone shell and signal light. 2,572,814, Oct. 23.
Laporte, Marie K., Arlington, Va. Illuminating attachment for telephones. 2,572,815, Oct. 23.
Lapp, Emil, Zurich, Switzerland. Fluid pump with built-in induction motor. 2,537,310, Jan. 9.
Lapp, William A., and H. G. Pedrini, Salt Lake City, Utah. Iron railing. 2,558,142, June 26.
Lappin, John L.: *See*—
Viti, John G. M., and Lappin.
Lappin, Robert I.: *See*—
Zaiger, Louis, and Lappin.
Lappin, Robert I., Marblehead and Louis Zaiger, Swampscott, Mass. Adapter for windshield wiper motors. 2,538,750, Jan. 23.
Lappin, Robert I., Marblehead, and L. Zaiger, Swampscott, Mass. Adjustable crank device. 2,566,843, Sept. 4.
Laprise, Adrien, Trois-Rivieres, Quebec, Canada. Apparatus for unloading conveyer belts. 2,569,011, Sept. 25.
Lapsley, Robert, Berrien Springs, assignor to Clark Equipment Company, Buchanan, Mich. Transmission. 2,558,656, June 26.
Laquerre, Jules L., Woonsocket, R. I. Gainer belt tensioner. 2,552,725, May 15.
La Raus, Julius, Westport, and D. W. Wollin, Bridgeport, Conn., assignors to American Dishwasher Corporation. Dish-washing machine control unit. 2,551,379, May 1.
Larcher, Arthur W., Mendenhall, Pa., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Producing 4-aminopyrimidines. 2,540,826, Feb. 6.
Lardy, Henry A., Madison, Wis. Manometric apparatus. 2,550,701, May 1.
La Reliephographie, Societe pour l'Exploitation des Procedes de Photographieen relief Maurice Bonnet, assignee: *See*—
Bonnet, Maurice.
La Resista Corset Company, The, assignee: *See*—
Hollar, John V.
Large, Harold A., assignee: *See*—
Hansen, Vâng.
Large, Vernon A., Oakland, Calif. Device for assembling furring nails. 2,577,020, Dec. 4.
Large, William E.: *See*—
Owens, James B., and Large.
Larkin, Charles R., Fort Wayne, Ind. Barbecue appliance. 2,545,818, Mar. 20.
Larkin, Joseph S., Dauphin, Pa. Trench digging attachment for tractors. 2,550,071, Apr. 24.
Larkin, Walter, Norristown, assignor to Fidelity Machine Company, Inc., Philadelphia, Pa. Pattern control for knitting machines. 2,555,140, May 29.
Larkins, Edward T., Daytona Beach, Fla., B. S. Thomas, Washington, D. C., and D. R. Fetters, Hyattsville, Md. Cosmetic prosthetic hand. 2,561,383, July 24.
La Roche, Frances D.: *See*—
Potts, Esther B., and La Roche.
La Rocque, Samuel W., Pawtucket, R. I. Sheet metal loop picker. 2,546,643, Mar. 27.
La Roe, Else K., New York, N. Y., and J. E. Lilienfeld, St. Thomas, Virgin Islands, said Lilienfeld assignor to said La Roe. Breast covering for brassières. 2,570,352, Oct. 9.
La Roque, Harold B.: *See*—
Shaad, George E., La Roque, and Moore.
La Rosee, James R., Waltham, Mass. Milling machine attachment. 2,576,023, Nov. 20.
Larrabee, Clinton E., Binghamton, assignor to International Business Machines Corporation, New York, N. Y. Synchronous motor controlled secondary clock. 2,569,815, Oct. 2.
Larrabee, Marshal H., Skaneateles, N. Y. Toy track crossover. 2,543,460, Feb. 27.
Larré Laboratories, Inc., assignee: *See*—
Schmitt, Otto L.
Larrison, Millard S.: *See*—
Burns, Frank B., and Larrison.
Larsen, Christen: *See*—
Nielsen, Karl A., and Larsen.
Larsen, Christian, Weehawken, N. J. Safety device for machine tools. 2,555,346, June 5.
Larsen Company, The, assignee: *See*—
Winters, Russell H.
Larsen, Einar T., Oakland, Calif., assignor to Kaiser Steel Corporation. Graving dock. 2,568,751, Sept. 25.
Larsen, Franklin, assignee: *See*—
Olsen, Earl W.
Larsen, Hans B., Stockholm, Sweden. Magnetic rail brake. 2,570,034, Oct. 2.
Larsen, Harold R., Troy, and D. Gurney, Jamestown, assignors to W. & L. E. Gurley, Troy, N. Y. Spindle bearing for surveying instruments. 2,570,568, Oct. 9.
Larsen, Karl M., Minneapolis, Minn. Foldable golf bag carrier. 2,579,937, Dec. 25.
Larsen, Kristen, Norre-Sundby, Denmark. Compass. 2,554,833, May 29.
Larsen, Leonard O., Downers Grove, and L. B. Walter, Elmhurst, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y. Constant level oiling apparatus for sleeve type bearings. 2,551,380, May 1.
Larsen, Louis J., Seattle, Wash. Antiskid attachment for rubber tired tractors. 2,536,554, Jan. 2.
Larsen, Merwin J., Villa Park, assignor, by mesne assignments, to Central Commercial Industries, Inc., Chicago, Ill. Musical instrument. Re. 23,376, June 12.
Larsen, Merwin J., Villa Park, assignor, by mesne assignments, to Central Commercial Industries, Inc., Chicago, Ill. Musical instrument. 2,545,665, Mar. 20.
Larsen, Merwin J., Villa Park, assignor, by mesne assignments, to Central Commercial Industries, Chicago, Ill. Key switch mounting. 2,557,034, June 12.
Larsen, Merwin J., Villa Park, assignor, by mesne assignments, to Central Commercial Industries, Inc., Chicago, Ill. Mounting for switch assemblies. 2,562,673, July 31.
Larsen, Merwin J., Villa Park, and N. B. Erickson, Chicago, Ill., assignors to Central Commercial Company. Electrical musical instrument. 2,568,644, Sept. 18.
Larsen, Paul B., United States Navy. Navigational instrument. 2,557,981, June 26.
Larsen, Paul V., assignor to Electric Steel Foundry, Portland, Oreg. Adjustable latch bar mechanism. 2,543,247, Feb. 27.
Larsen, Paul V., assignor to Electric Steel Foundry, Portland, Oreg. Dipper for power shovels and the door mounting means therefor. 2,561,518, July 24.
Larsen, Robert G., Albany, and K. E. Marple, Oakland, assignors to Shell Development Company, San Francisco, Calif. Lubricating compositions. 2,541,590, Feb. 13.
Larsen, Robert G., Albany, Calif., and A. A. Schaerer, Amsterdam, Netherlands, assignors to Shell Development Company, San Francisco, Calif. Blending polyethyleneamorphous petroleum wax compositions. 2,559,645, July 10.
Larsen, Victor A., Altadena, Calif. Motor-driven actuator unit. 2,547,475, Apr. 3.
Larsen, Victor A., Chicago, Ill. Vehicle window weather strip. 2,563,252, Aug. 7.
Larsen, Victor A., Chicago, Ill. Vehicle window weather strip. 2,568,811, Sept. 25.
Larsh, Everett P., Dayton, Ohio. Motor-generator gearing. 2,547,709, Apr. 3.
Larsh, Everett P., Dayton, Ohio. Fuel injector. 2,573,344, Oct. 30.
Larson, Bennie L., St. Louis, Mo. Adjustable can punch. 2,559,560, July 3.
Larson, Carl W., assignor to Patent Management, Incorporated, Minneapolis, Minn. Tone generator. 2,573,975, Nov. 6.
Larson, Christian C., Fort Wayne, Ind., assignor, by mesne assignments, to Farnsworth Research Corporation. Preparing a double-sided mosaic electrode. 2,539,442, Jan. 30.
Larson, Elmer F., Temple City, Calif. Toilet pipe cover or shield. 2,567,607, Sept. 11.
Larson, Frederick J.: *See*—
Fox, Raymond S., and Larson.
Larson, George A., Rockford, Ill. Abrasive sleeve holder. 2,548,166, Apr. 10.
Larson, Gilbert B., Geneva, assignor to Independent Pneumatic Tool Company, Chicago, Ill. Portable power-driven tool. 2,569,244, Sept. 25.
Larson, Glen M.: *See*—
Lewis, Howard B., and Larson.
Larson, Glen M., Los Angeles, assignor to K. H. Roy, Santa Cruz, Calif. Cream whipper. 2,576,947, Dec. 4.
Larson, Harold, assignee: *See*—
Larson, Roy C., and Patterson.
Larson, Harry G., Alameda County, Calif. Sash mounting. 2,554,862, May 29.

Larson, Henning R., Holden, Mass. Shovel. 2,549,491, Apr. 17.
Larson, Henry, assignee: *See*—
Ferguson, Glen E.
Larson, Hokan L., Fairview, Alberta, Canada, assignor of one-fourth to A. M. Nordlie, Martin, N. Dak. Seeder and fertilizer distributor. 2,569,421, Sept. 25.
Larson, Howard G., Pittsburgh, Pa. Vertically adjustable table with folding legs. 2,574,924, Nov. 13.
Larson, Magnus C., Philadelphia, Pa. Nut lock. 2,562,621, July 31.
Larson, Karl O., assignor to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Metering tape dispenser. 2,553,658, May 22.
Larson, Kermit A., assignee: *See*—
Podner, Joseph.
Larson, Magnus C., Philadelphia, Pa. Nut lock. 2,537,469, Jan. 9.
Larson, Norman V.: *See*—
Jennings, Norman R., and Larson.
Larson, Oscar E., Andover, assignor to John W. Bolton & Sons, Inc., Lawrence, Mass. Shower assembly for papermaking machines. 2,536,946, Jan. 2.
Larson, Reuben G., La Crosse, Wis. Logging apparatus. 2,566,616, Sept. 4.
Larson, Robert H.: *See*—
Supitilov, Michael C., and Larson.
Tyler, Merle D., and Larson.
Larson, Robert V.: *See*—
Maxwell, Carl R., and Larson.
Larson, Roberts B., assignee: *See*—
Jones, Joe A.
Larson, Roland W.: *See*—
Joerndt, Wilbur A., and Larson.
Larson, Roland W., Marshfield, Wis., assignor, by mesne assignments, to the United States of America as represented by the Secretary of the Navy. Tapered corrugated line. 2,567,718, Sept. 11.
Larson, Roy C., Buffalo, S. Dak., and R. A. Patterson, San Diego, Calif., assignors of one-half to said Larson and one-half to H. Larson. Suspension rod for the interior of vehicles. 2,569,678, Oct. 2.
Larson Tool and Stamping Co., assignee: *See*—
Cederberg, Carl W.
Larson, Walter L., Claflin, Kans. Friction type throttle control. 2,552,726, May 15.
Larson, Werner J., West Hartford, Conn. Engraving machine. 2,551,953, May 8.
Larsson, Frans A.: *See*—
Larsson, Frans T. and F. A., von Dardel, and Nettelbladt.
Larsson, Frans T. and F. A., Saltsjobaden, G. E. von Dardel and B. G. Nettelbladt, Stockholm, Sweden. Collapsible boat. 2,577,970, Dec. 11.
Larsson, Gustaf H., Alsten, near Stockholm, assignor to See Fabriks Aktiebolag, Sandviken, Sweden. Rolling mill for the production of conical tubes. 2,537,356, Jan. 9.
Larsson, Olof E., Orebro, Sweden. Feed interrupting mechanism for stapling machines. 2,539,542, Jan. 30.
Larsson, Thorsten W., Skelleftea, Sweden. Shunt valve. 2,537,535. Jan. 9.
La Rue, Albert M., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Protective covering for ice removal from airfoils. 2,556,330, June 12.
La Rue, John C., Bainbridge, Ohio. Knockdown table and container therefor. 2,565,032, Aug. 21.
La Rue, William D., Beach Haven, N. J., assignor to Radio Corporation of America. Automatic selector mechanism for radio apparatus. 2,574,604, Nov. 13.
Larymore, William, Drummoyne, near Sydney, assignor to Keeseal Pty. Limited, Mascot, near Sydney, New South Wales, Australia. Dead-end coupling. 2,546,312, Mar. 27.
Larzelere, Samuel R., Laurel Springs, N. J. Combined letter sheet and return postal card or envelope. 2,559,776, July 10.
La Salle, Russell D.: *See*—
Hannah, Charles J., and La Salle.
La Salle Steel Company, assignee: *See*—
See, Theodore S.
Lasar, William, Los Angeles, Calif. Saw wiper system. 2,572,938, Oct. 30.
Laschinger, John E., Johannesburg, Transvaal, Union of South Africa. Heat exchanger for continuous treatment of fluent material. 2,551,748, May 8.
Laschke, Harry W., assignor of one-half to R. R. Tompkins, Iowa City, Iowa. Tool for expanding and contracting culvert bands. 2,566,454, Sept. 4.
Laser, Mary M., assignor to herself, and R. H. Laser, Emmaus, Pa. Adjustable diaper. 2,568,590, Sept. 18.
Laser, Robert H., assignee: *See*—
Laser, Mary M.
Laser, William P., Shrewsbury, Mo. Scrotum sleeve. 2,576,024, Nov. 20.
Lash, James D., Cleveland Heights, Ohio, assignor to General Electric Company. Illuminated instrument face. 2,563,537, Aug. 7.
Lasher, Murray, assignee: *See*—
Guarino, Gasper.
Lasis, Alex: *See*—
Wychowaniec, Stanley M., and Lasis.
Laskowitz, Isidor B., Brooklyn, N. Y. Jet-powdered rotor system for helicopters. 2,552,008, May 8.
Lasky, Michael, Cleveland, Ohio. Flush head screw or the like. 2,555,197, May 29.
La Societe Anonyme dite: Forges & Ateliers de Constructions Electriques de Jeumont, assignee: *See*—
Defosse, Armand.
Lassiat, Raymond C., Swarthmore, Pa., assignor to Houdry Process Corporation, Wilmington, Del. Converting hydrocarbon material. 2,556,198, June 12.
Lassiat, Raymond C., Swarthmore, G. H. Kelso, Upper Darby, and J. E. Evans, Wallingford, Pa., assignors to Houdry Process Corporation, Wilmington, Del. Catalytic cracking of hydrocarbons and apparatus therefor. 2,547,021, Apr. 3.
Lassiat, Raymond C., Swarthmore, and J. E. Evans, Wallingford, Pa., assignors to Houdry Process Corporation, Wilmington, Del. Conversion apparatus and associated arrangement for controlling distribution of gases passing therethrough. 2,559,646, July 10.
Lassiat, Raymond C., Swarthmore, and R. T. Savage, Ridley Park, Pa., assignors to Houdry Process Corporation, Wilmington, Del. Converting hydrocarbon material. 2,574,489, Nov. 13.
Last, James, London, England, assignor to International Business Machines Corporation, New York, N. Y. Typesetting means in record controlled printing machine. 2,566,944, Sept. 4.
Lasure, Esther P.: *See*—
Gaver, Kenneth M., Lasure, and Thomas.
Gaver, Kenneth M., Lasure, and Tieszen.
Laszlo, Margit F., assignor to Cole of California, Inc., Los Angeles, Calif. Swimming trunks. 2,561,312, July 17.
Latchum, John W., Jr., Bartlesville, Okla., assignor to Phillips Petroleum Company. Hydrocarbon conversion utilizing Friedel-Crafts catalysts. 2,571,262, Oct. 16.
Laternser, Albin, Horgen, Switzerland, assignor to Landis & Gyr, A. G. Ring meter. 2,564,116, Aug. 14.
Latham, Allen, Jr., Jamaica Plain, assignor to Arthur D. Little, Inc., Cambridge, Mass. Movable vane compressor or motor. 2,536,851, Jan. 2.
Latham, Orel J., Canton, Ohio. Ladder jack. 2,548,380, Apr. 10.
Latham, Robert: *See*—
Scott, William J., and Latham.
Lathe, Frank E., Ottawa, Ontario, assignor to Canadian Refractories Limited, Montreal, Quebec, Canada. Batch for refractory masses and consolidating. 2,568,237, Sept. 18.
Lathem Time Recorder Company, assignee: *See*—
Gruettner, Gerard G.
Lather, Carl, Chicago, Ill., assignor to Redi-Rip Company, Milwaukee, Wis. Form separator. 2,579,835, Dec. 25.
Lathrop, Elbert C.: *See*—
Dunning, John W., Frye, and Lathrop.
Lathrop, Harry D., assignor to The Lathrop-Paulson Company, Chicago, Ill. Railing structure. 2,557,002, June 12.
Lathrop, Harvey, Forest Hills, N. Y. Memorandum device. 2,566,989, Sept. 4.
Lathrop-Paulson Company, The, assignee: *See*—
Lathrop, Harry D.
Schwarzkopf, Vergil.
Vincent, Willard V.
Latier, Harold E., Sinclair, Wyo., and F. M. Watkins, Flossmoor, Ill., assignors to Sinclair Refining Company, New York, N. Y. Production of calcium sulfonate solutions. 2,573,796, Nov. 6.
La Torre, Richard R., Washington, D. C. Hydraulic recording mechanism. 2,567,217, Sept. 11.
Latos, Edwin J.: *See*—
Colburn, William, and Latos.
Latour, André, assignor to Etablissements Merlin & Gerin, Grenoble, France. Toggle mechanism. 2,539,308, Jan. 23.
Latour, André, Grenoble, France. Switch having one or more tubular contacts. 2,573,797, Nov. 6.
Latour, André, assignor to Etablissements Merlin & Gerin, Grenoble, France. Air-blast circuit breaker. 2,574,334, Nov. 6.
Latrobe Electric Steel Company, assignee: *See*—
Giles, David J.
Latrobe, Pierre M. L., Paris, France. Variably illumined plate. 2,560,392, July 10.
Latta, James E., assignor to Stanolind Oil and Gas Company, Tulsa, Okla. Forming highly active catalytic surfaces. 2,548,801, Apr. 10.
Lattimer, Bernard J., Springfield, Minn. Hog feeder trough. 2,580,106, Dec. 25.
Lattuca, John, New York, N .Y. Oscillating noise maker for toy pistols. 2,571,587, Oct. 16.
Latulippe, Eddy D., Englewood, N. J., assignor to Aero-Sonic Corp., New York, N. Y. Muffler with plural side branch chambers. 2,543,461, Feb. 27.
Latvala, Waino K., New York, N. Y. Clothes hanger. 2,576,612, Nov. 27.
Lau Blower Company, The, assignee: *See*—
Wilken, Carl E.
Lau, Michael F., Bridgeport, Conn. Shoe stretcher and tree. 2,545,090, Mar. 13.
Laub, David, assignee: *See*—
Tarshis, Ralph.

Lau Bach, Neal B., assignor to Hudson Engineering Corporation, Houston, Tex. Air and liquid cooling apparatus and method. 2,545,926, Mar. 20.
Laubscher, Hendrik L., Bellevue, Johannesburg, Transvaal, Union of South Africa. Parking garage for motor vehicles. 2,565,243, Aug. 21.
Lauck, Francis W., assignor to A. O. Smith Corporation, Milwaukee, Wis. Construction of hot-water tanks. 2,565,313, Aug. 21.
Laucks, Howard H., Boonton, assignor to Bendix Aviation Corporation, Teterboro, N. J. Motion transmitting device. 2,573,457, Oct. 30.
Lauder, Wallace A., West Nyack, assignor to The W. L. Maxson Corporation, New York, N. Y. Sequence actuator for switches. 2,560,964, July 17.
Lauderman, Vincent A., assignor to The Champion Paper and Fibre Company, Hamilton, Ohio. Printing ink and making the same. 2,536,555, Jan. 2.
Lauer, George G.: *See*—
Blanchard, Doris W., Lauer, and Pratt.
Lauer, George G., New York, and R. S. Pratt, Valley Stream, N. Y., assignors to The M. W. Kellogg Company, Jersey City, N. J. Separation of iron from hydrocarbons. 2,540,129, Feb. 6.
Lauer, Léon N., Clichy, France, assignor to Bendix Aviation Corporation, New York, N. Y. Internally expanding brake actuator. 2,569,012, Sept. 25.
Laufenberg, Inc., assignee: *See*—
Laufenberg, Virgil E.
Laufenberg, Virgil E., assignor to Laufenberg, Inc., Milwaukee, Wis. Drip tray. 2,542,337, Feb. 20.
Laufenberg, Virgil E., assignor to Laufenberg, Inc., Milwaukee, Wis. Drip tray for toilet tanks. 2,542,338, Feb. 20.
Laufer, Louis, Brooklyn, and E. D. Stewart, White Plains, N. Y., assignors to Schwarz Laboratories, Inc. Recovery of adenylic acid. 2,549,827, Apr. 24.
Laufer, Thomas, Forest Hills, assignor to A. J. Morgan, P. L. Erdos and T. Laufer, doing business as The Troll Workshop, New York, N. Y. Labyrinth game. 2,563,608, Aug. 7.
Lauffer, Jacob R., Valley Stream, assignor to Miller-Lauffer Printing Equipment Corp., New York, N. Y. Envelope feeder. 2,554,577, May 29.
Lauffer, Jacob R., Valley Stream, assignor to Miller-Lauffer Printing Equipment Corp., New York, N. Y. Envelope feeding machine. 2,554,578, May 29.
Lauffer, Jacob R., Valley Stream, assignor to Miller-Lauffer Printing Equipment Corp., New York, N. Y. Feeding mechanism for printing presses. 2,554,579, May 29.
Laug, Ernst: *See*—
Schott, John E., and Laug.
Laughead, Lillian L., Lansing, Mich. Combination shirt and diaper. 2,566,844. Sept. 4.
Laughery, Eugene G.: *See*—
Hoogerheide, Johannes C., and Laughery.
Laughlin, Edward W., Washington, D. C. Necktie rack. 2,562,622, July 31.
Laughlin, Homer, China Company, The, assignee: *See*—
Emerson, Walter H.
Wells, Arthur A., and Knapp.
Laughlin, Kenneth C., assignor to Hercules Powder Company, Wilmington, Del. Increasing the melting point of polymerized rosin. 2,547,219, Apr. 3.
Laughlin, Myron P., Atlanta, Ga. Lawn mower. 2,549,317, Apr. 17.
Laughlin, Myron P., Gulfport, Fla. Motor arbor. 2,544,096, Mar. 6.
Laughlin, William C., New York, N. Y. Wet screen sizing. 2,570,035, Oct. 2.
Laughner, Ernest M.: *See*—
Hanna, Raymond P., Wynn, Fromm, and Laughner.
Laughter, D. Robert, assignee & trustee: *See*—
Noodleman, Samuel.
Laukus, Paul, Sr., North Huntington Township, Westmoreland County, assignor to Irwin Foundry and Mine Car Company, Irwin, Pa. Railway car truck and body mounting. 2,551,443, May 1.
Laulainen, Einer A., Longview, Wash. Apparatus for pressing bark-removing cables against a pile, pole, or log. 2,575,422, Nov. 20.
Lauman, Louis F.: *See*—
Kaut, William, Jr., Lauman, and Winter.
Launder, Ernie L., Montebello, assignor to H. and L. Tooth Company, Los Angeles, Calif. Work holder for use in welding. 2,546,458, Mar. 27.
Launder, Ernie L., Montebello, Calif. Torch handling apparatus. 2,568,074, Sept. 18.
Launder, Ernie L., assignor to H. & L. Tooth Company, Montebello, Calif. Cap fastener for excavating bucket digging teeth. 2,568,075, Sept. 18.
Launder, Ernie L., Montebello, and C. C. Hosmer, Long Beach, Calif. Fastener for a tooth cap, or the like. 2,546,457, Mar. 27.
Launey, Reuel O., Jr., Barrington, N. H., assignor to Clarostat Mfg. Co., Inc., Brooklyn, N. Y. Resistance strip. 2,557,790, June 19.
Laurenson, Robert M., Verona, assignor to The Union Switch & Signal Company, Swissvale, Pa. Traffic controlling apparatus. 2,558,445, June 26.
Laurent, André, Paris, assignor to Societe Anonyme des Hauts-Fourneaux & Fonderies de Pont-a-Mousson, Brive (Carrèze), France. Manufacture of reinforced concrete pipes. 2,569,612, Oct. 2.
Laurent, Georges Louis, Chalon-sur-Saone, France. Chronometric recording device. 2,555,198, May 29.
Laurent, Milton P., Houston, Tex., assignor to W-K-M Company. Gate valve. 2,537,470, Jan. 9.
Laurent, Milton P., Houston, Tex., assignor to W-K-M Company. Gate valve. 2,541,968, Feb. 13.
Laurent, Milton P., Houston, Tex. Plug valve. 2,565,244, Aug. 21.
Laurie, Kenneth S., assignor to J. Dalglish, Glasgow, Scotland. Synchronized stenter drive. 2,580,233, Dec. 25.
Laurila, Frans H., Worcester, assignor to Never Fail Products Co., Inc., West Boylston, Mass. Tipup. 2,565,379, Aug. 21.
Lauritsen, Charles C., assignor to California Institute Research Foundation, Pasadena, Calif. Radiation meter. 2,577,253, Dec. 4.
Lauter, Werner M., Glen Rock, assignor to Hoffmann-La Roche Inc., Nutley, N. J. β-pyridyl carbinol acid tartrate. 2,540,680. Feb. 6.
Lauter, Werner M., Glen Rock, N. J., and M. D. Brucar, New York, N. Y., assignors to Hoffmann-LaRoche Inc., Nutley, N. J. Preparing tablets of sodium gentisate dihydrate. 2,543,976, Mar. 6.
Lauterbach, Alexander B., assignor to Harrocks-Ibbotson Company, Utica, N. Y. Fishing reel. 2,547,330, Apr. 3.
Lauterbach, Frederick J.: *See*—
Armstrong, Frank C., Lauterbach, Lillvik, and Popper.
Lauterbach, Norman E., Newark, assignor to Ritter Company, Inc., Rochester, N. Y. Medical practice chair. 2,558,143, June 26.
Lauterbur, Raymond A., and C. S. Doll, Sidney, Ohio, assignors to The Monarch Machine Tool Company. Tailstock carriage and clamping means. 2,540,586, Feb. 6.
Lavallee, Eugene V.: *See*—
Logan, Joseph A., and Lavallee.
Lavallee, John, Outremont, Quebec, Canada. Railway car oiling service truck. 2,565,179, Aug. 21.
Lavander, Edward J., Chicago, Ill., assignor of one-half to H. Posner and one-half to R. P. Posner. Multiple connector. 2,566,805, Sept. 4.
Lavell, Frederick F., Westfield, N. Y. Meat fork. 2,554,255, May 22.
Lavelle, Thomas B., Newtown, Pa. Aircraft control means. 2,557,829, June 19.
Lavely, Paul H., assignor to Koppers Company, Inc., Pittsburgh, Pa. Coke oven door handling apparatus. 2,576,126, Nov. 27.
Lavenburg, Albert, assignee: *See*—
Benvissuto, John.
Laverdisse, Edmond J. G., Auvelais, and J. J. G. Lorneau, Jupille, assignors to Les Glaceries de la Sambre, Societe Anonyme, Auvelair, and S. A. Belge Stein & Roubaix, Bressoux, Belgium. Liquid fuel burner for industrial furnaces. 2,542,684, Feb. 20.
Laverents, Sidney N., San Diego, Calif. Accelerator control device. 2,568,454. Sept. 18.
Lavery, Grant G., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Coupling for telephone receivers and hearing aid sets. 2,554,834, May 29.
Lavet, Marius J.: *See*—
Bolvin, Camille M. F., and Lavet.
Lavet, Marius J., Paris, France. Electrical equipment for remote measuring and controlling. 2,558,184, June 26.
La Via, Joseph, Ridgewood, N. Y. Universal power input radio receiver. 2,575,059, Nov. 13.
Laviana, Lawrence J., Kensington, assignor to M. H. Rhodes Incorporated, Hartford, Conn. Clockwork mechanism. 2,543,032, Feb. 27.
Lavin, Edward: *See*—
Crozier, Robert N., Lavin, and Marinaro.
Lavin, Justin P., assignor to Keeler-Cochrane Heel Co., Haverhill, Mass. Plastic reinforced leather heel. 2,569,065, Sept. 25.
Lavinthal, Albert, Trenton, N. J. Arch supporting device. 2,546,827, Mar. 27.
Lavoo, Norman T., and A. M. Gurewitsch, Schenectady, N. Y., assignors to General Electric Company. Ultra high frequency electric discharge device and cavity resonator apparatus therefor. 2,550,485, Apr. 24.
Lavorgna, Henry F., Hyde Park, and C. L. Gately, Readville, Mass. Adjustable window balance. 2,536,947, Jan. 2.
Law, Bertha Dell, executrix, assignee: *See*—
Schmarje, Clarence F., and Law.
Law, George H., South Charleston, W. Va., and R. H. Wellman, Yonkers, N. Y., assignors, by mesne assignments, to Union Carbide and Carbon Corporation. Composition for and method of inhibiting fungi. 2,540,170, Feb. 6.
Law, Harold B., Princeton, N. J., assignor to Radio Corporation of America. Forming dielectric coatings. 2,540,623, Feb. 6.
Law, Harold B., Princeton, N. J., assignor to Radio Corporation of America. Making fine mesh silica screens. 2,572,497, Oct. 23.
Law, Harry Y., Merced, Calif. Sprocket and roller combination for trussed tracks. 2,577,471, Dec. 4.
Law, Homer C., Seattle, Wash. Dispenser for powdered or granular materials with a threadedly engaging reversible cover. 2,563,946, Aug. 14.

Law, Ray B.: *See*—
Schmarje, Clarence F., and Law.
Law, Russell R., Princeton, N. J., assignor to Radio Corporation of America. Frequency control. 2,537,769, Jan. 9.
Law, Russell R., Princeton, N. J., assignor to Radio Corporation of America. Ultra high frequency thermionic tube. 2,556,813, June 12.
Law, Russell R., Princeton, N. J., assignor to Radio Corporation of America. Microwave cavity resonator device. 2,577,971, Dec. 11.
Lawbaugh, Albert L., Maywood, Calif. Combination heat exchanger and reservoir for various media liquids or gases. 2,572,736, Oct. 23.
Lawe, Thomas: *See*—
Sturrock, Murray G., and Lawe.
Lawhead, Robert E.: *See*—
Wagner, John L., and Lawhead.
Lawhead, James S., Carthage, Mo., R. Mozingo, Minneapolis, Minn., and J. van de Kamp, Westfield, assignors to Merck & Co., Inc., Rahway, N. J. Reduction of 12-ketosteroids to 12-hydroxysteroids. 2,538,109, Jan. 16.
Lawin, Harold C., Crystal Lake, assignor to The Erwood Co., Chicago, Ill. Record changer spindle. 2,536,190, Jan. 2.
Lawler, Frank J., assignee: *See*—
Motel, John.
Lawler, William P.: *See*—
Mackay, Johnstone S., and Lawler.
Lawless, Donald C.: *See*—
Mercier, Armond J., and Lawless.
Lawless, Nathan M., Muskegon Heights, Mich., assignor to The Baker-Raulang Company, Cleveland, Ohio. Servicing mechanism for vehicles. 2,567,672, Sept. 11.
Lawlor, Francis E., Niagara Falls, assignor to Niagara Alkali Company, New York, N. Y. Chlorinating process. 2,571,901, Oct. 16.
Lawrence, A. C., Leather Company, assignee: *See*—
Griffin, Roger L.
Griffin, Roger L., and Moore.
Lawrence, Bert F. and E. E., Portland, Oreg. Ice-cream scoop. 2,540,397, Feb. 6.
Lawrence, Bert F., and E. E. Lawrence, Portland, Oreg. Ice-cream disher. 2,571,729, Oct. 16.
Lawrence, Carl A.: *See*—
Heath, Clifford J., Lawrence, and Kolar.
Lawrence, Charles A., Saugus, Mass. Fishhook disgorger. 2,561,281, July 17.
Lawrence, Donald M., Wood-Ridge, assignor to Bendix Aviation Corporation, Teterboro, N. J. Cowl flap control for aircraft. 2,543,112, Feb. 27.
Lawrence, Edward D., Oakland, Calif. Jogger attachment for printing presses. 2,573,852, Nov. 6.
Lawrence, Emma E.: *See*—
Lawrence, Bert F., and E. E.
Lawrence, George C., Pine Beach, N. J. Magnetic blind-landing system. 2,574,490, Nov. 13.
Lawrence, George F., London, England. Secateur or pruning shear and the like. 2,561,803, July 24.
Lawrence, Howard C., Jr., Delaware Township, Camden County, N. J., and R. R. Freas, Jr., Jermyn, Pa., assignors to Radio Corporation of America. Temperature compensated diode measuring circuits. 2,571,458, Oct. 16.
Lawrence, Howard C., Jr., Haddonfield, N. J., and R. R. Freas, Jr., Jermyn, Pa., assignors to Radio Corporation of America. Electronic counter. 2,542,685, Feb. 20.
Lawrence, Howard C., Jr., Haddonfield, N. J., and R. R. Freas, Jr., Jermyn, Pa., assignors to Radio Corporation of America. Direct reading loran navigation system. 2,551,681, May 8.
Lawrence, Owen N.: *See*—
Ifield, Richard J., and Lawrence.
Lawrence, Owen N., assignor to Joseph Lucas Limited, Birmingham, England. Liquid fuel supply system for internal-combustion prime movers. 2,536,556, Jan. 2.
Lawrence, Owen N., assignor to Joseph Lucas Limited, Birmingham, England. Liquid fuel supply system for internal-combustion prime movers. 2,537,681, Jan. 9.
Lawrence, Owen N., and E. H. Warne, assignors to J. Lucas Limited, Birmingham, England. Liquid fuel combustion system. 2,566,734, Sept. 4.
Lawrence Products Company, Inc., assignee: *See*—
Pruitt, Willis.
Lawrence, Ray V.: *See*—
St. Clair, William E., and Lawrence.
Lawrence, Richard B., Cambridge, Mass., assignor, by mesne assignments, to the United States of America as represented by the Secretary of the Navy. Pulse modulator. 2,578,253, Dec. 11.
Lawrence, Richard R., Liberty, Tex. Pulling tool. 2,537,413. Jan. 9.
Lawrence, Robert W., Ben Lomond, Calif. Slide flute. 2,544,033, Mar. 6.
Lawrence, Robert W., assignor to Hercules Powder Company, Wilmington, Del. Explosive cartridge. 2,565,380, Aug. 21.
Lawrence, William H., Nashville, Tenn. Universal burglar alarm. 2,541,770, Feb. 13.
Lawrence, Winthrop S.: *See*—
Marston, Trowbridge, and Lawrence.
Lawrenz, Frederick H., Dallas, Tex. Subirrigator and soil fertilizer. 2,549,213, Apr. 17.
Lawrenz, Otto, River Forest, assignor to Peerless Tool & Engineering Company, Chicago, Ill. Nonslip garment clip. 2,576,689, Nov. 27.
Lawry, Clinton C., Jr., Schenectady, N. Y., assignor to General Electric Company. Stabilizing circuit. 2,546,758, Mar. 27.
Laws, Cecil A.: *See*—
Watson, Daniel S., and Laws.
Laws, Cecil A., Boreham Wood, assignor to National Research Development Corporation, London, England. Utility radar system. 2,562,987, Aug. 7.
Laws, Cecil A., Boreham Wood, R. J. Pumphrey, Cambridge, O. L. Ratsey and D. S. Watson, Haslemere, England, assignors to National Research Development Corporation. Expanded sweep and calibrated cathode-ray tube trace. 2,552,009, May 8.
Lawshe, Errol R., Nutley, assignor to Becton Dickinson and Company, Rutherford, N. J. Hypodermic injection assembly. 2,567,673, Sept. 11.
Lawson, Charles J., Jr.: *See*—
Vough, Clair F., and Lawson, Jr.
Lawson, Daniel L., Los Angeles, Calif. Portable elevator. 2,552,192, May 8.
Lawson, E. P., Co., Inc., assignee: *See*—
Seybold, Frederick W.
Lawson, Earl R., Vestal, assignor to International Business Machines Corporation, New York, N. Y. Differentially operable accumulating mechanism. 2,558,967, July 3.
Lawson, Elmer J.: *See*—
Mooradian, Aram, Lawson, and Suter.
Lawson, Elmer J., East Greenbush, C. J. Cavillito, Ravena, and A. Mooradian, Troy, N. Y., assignors to Sterling Drug Inc., Wilmington, Del. Lower alkoxyalkanoates of hydroxylated hormones and producing same. 2,547,949, Apr. 10.
Lawson, James L., Ann Arbor, Mich., assignor, by mesne assignments, to the United States of America as represented by the Secretary of Navy. Method and apparatus for adjusting radio echo detection systems. 2,552,489, May 8.
Lawson, James L., Cambridge, Mass., assignor, by mesne assignments, to the United States of America as represented by the Secretary of the Navy. Overload protection of high-frequency receivers. 2,544,842, Mar. 13.
Lawson, John R., Topeka, Kans. Fishing pole rest. 2,572,937, Oct. 30.
Lawson, Lionel F., Los Angeles, and E. H. Twarowski, Hawthorne, assignors to Turret Meter Sales Company, Los Angeles, Calif. Parking meter. 2,547,272, Apr. 3.
Lawson, Lloyd, assignee: *See*—
Lane, Howard H.
Lawson, Shelby Dayton: *See*—
Kelley, Carl S., and Lawson.
Lawson, Shelby D., Bartlesville, Okla., assignor to Phillips Petroleum Company. Removing carbon and carbonaceous deposits from heat exchanger equipment. 2,577,254, Dec. 4.
Lawson, Walter E.: *See*—
Burrows, Lawton A., and Lawson.
Lawson, William E., Jr., and W. E. Lawson, Sr., Rahway, N. J. Earring. 2,550,828, May 1.
Lawson, William E., Jr., and W. E. Lawson, Sr., Rahway, N. J. Water pistol holster. 2,576,231, Nov. 27.
Lawson, William E., Sr.: *See*—
Lawson, William E., Jr., and W. E., Sr.
Lawter, Curtis N., Trenton, N. J., assignor to Packard Motor Car Company, Detroit, Mich. Frame construction for turbojet engines. 2,576,762, Nov. 27.
Lawton, Elliott J., Schenectady, N. Y., assignor to General Electric Company. Device for reducing radio noise produced by the discharge of electrostatic accumulations. 2,536,818, Jan. 2.
Lawton, George D.: *See*—
Mountain, Edward, and Lawton.
Lawton Products Company, Inc., assignee: *See*—
Dusek, Joseph F., and Fallert.
Lawyer, Maurice E.: *See*—
Jensen, Charles J., Lawyer, and Simpson.
Lax, Ladislav: *See*—
Bennett, Arthur J., and Lax.
Laxo, Ed, assignor to Atlas Imperial Diesel Engine Co., Oakland, Calif. Double seamer. 2,540,001, Jan. 30.
Laxo, Ed, assignor to Atlas Imperial Diesel Engine Co., Oakland, Calif. Can tester leak detecting mechanism. 2,551,020, May 1.
Laxo, Ed, assignor to Atlas Imperial Diesel Engine Co., Oakland, Calif. Feed chute and guide for can body carrying turrets. 2,569,180, Sept. 25.
Laxo, Ed, assignor to Atlas Imperial Diesel Engine Co., Oakland, Calif. Can body blank hook forming apparatus. 2,569,181, Sept. 25.
Laxo, Ed, assignor to Atlas Imperial Diesel Engine Co., Oakland, Calif. Apparatus for notching can body blanks. 2,577,021, Dec. 4.
Laxo, Ed, assignor to Atlas Imperial Diesel Engine Co., Oakland, Calif. Reciprocating strip feeding mechanism. 2,577,084, Dec. 4.
Laxo, Ed, and H. D. Fredenburgh, assignors to Atlas Imperial Diesel Engine Co., Oakland, Calif. Clutch and brake mechanism for presses. 2,566,217, Aug. 28.
Lay, Clarence W.: *See*—
Paddock, Harry E., and Lay.

Lay, Ren: *See*—
Phillips, Fay, and Lay.
Layne & Bowler, Incorporated, assignee: *See*—
Miller, Bert V.
Moehrl, Kenneth E., and Porter.
Seay, James I., Jr.
Layne, Leroy L., Detroit, Mich. Wheel mask. 2,552,287, May 8.
Layng, Edwin T., New York, N. Y., assignor to The M. W. Kellogg Company, Jersey City, N. J. Catalytic reforming of hydrocarbons in the presence of hydrogen. 2,547,221, Apr. 3.
Layng, Edwin T., Summit, assignor to The M. W. Kellogg Company, Jersey City, N. J. Preparation of aromatics from petroleum distillates. 2,545,153, Mar. 13.
Laystrom, Carl A., Decatur, and H. R. Sigler, Argenta, assignors to Faries Manufacturing Company, Decatur, Ill. Wall mirror. 2,577,661, Dec. 4.
Lazan, Benjamin J., Greenwich, Conn., assignor to Baldwin-Lima-Hamilton Corporation. Fatigue testing machine. 2,548,381, Apr. 10.
Lazare, Paul, New York, N. Y. Garter belt. 2,555,892, June 5.
Lazare, Philippe, Marseille, France. Paintbox. Re. 23,322, Jan. 9.
Lazarevich, George D., Guilford, Conn. Sealing cap releaser. 2,557,830, June 19.
Laze, Pierre, assignor to Compagnie des Freins et Signaux Westinghouse, Paris, France. Apparatus for the electrical control of railway track switches. 2,566,945, Sept. 4.
Laze, Pierre, assignor to Compagnie des Freins et Signaux Westinghouse, Paris, France. Apparatus for the electrical control of railway track switches. 2,566,946, Sept. 4.
Lazell, Louise T., and W. L. Peebles, Petersburg, Va. Foldable wheeled luggage carrier. 2,553,659, May 22.
Lazenby, William R., Worland, Wyo. Animal trap. 2,541,771, Feb. 13.
Léa, Henry V., Rio Vista, Calif., assignor of twenty-one and one-fourth per cent to C. A. Loucks, thirty-six and one-fourth per cent to L. K. Schmidt, twenty-one an one-fourth per cent to A. M. Jongeneel, and twenty-one and one-fourth per cent to G. P. du Bose. Plow assembly for beet harvesters. 2,562,674, July 31.
Lea, Henry V., assignor of one-half to Blackwelder Manufacturing Co., Rio Vista, Calif. Spray type plant blocking machine. 2,569,320, Sept. 25.
Lea, Henry V., Rio Vista, Calif., assignor of twenty-one and one-fourth per cent to C. A. Loucks, thirty-six and one-fourth per cent to L. K. Schmidt, twenty-one and one-fourth per cent to A. M. Jongeneel, and twenty-one and one-fourth per cent to N. Rutherford, administrator of the estate of G. P. du Bose, deceased. Sugar beet leaf defoliator. 2,579,837, Dec. 25.
Lea, Peggy J., Kansas City, Mo., and H. B. Fisher, Bartlesville, Okla., assignors to Phillips Petroleum Company. Low water-loss cement slurry. 2,562,148, July 24.
Lea, Walter A., Los Angeles, assignor to E. V. Ehrhardt, Altadena, Calif. Photographic camera body. 2,557,297, June 19.
Leach, Barton J., Sutter County, Calif. Bale hoist. 2,577,338, Dec. 4.
Leach, Clayton B., Pontiac, assignor to General Motors Corporation, Detroit, Mich. Pressure reducing valve. 2,545,787, Mar. 20.
Leach Company, assignee: *See*—
Leach, Elbert C., Manthie, and Clapp.
Leach, Elbert C., O. F. Manthie, and G. D. Clapp, assignors to Leach Company, Oshkosh, Wis. Silo unloader. 2,580,306, Dec. 25.
Leach, Frank, and I. W. Sutcliffe, assignors to F. Smith & Co. (Whitworth) Limited, Whitworth, England. Machine for reversably winding webs of fabrics. 2,567,644, Sept. 11.
Leach, Lawrence D.: *See*—
Grangroth, Harry B., Leach, and Noll.
Leach, Philip F., Attleboro, Mass., assignor to General Findings & Supply Co. Ear ornament clasp. 2,579,588, Dec. 25.
Leach, Raymond A., Los Angeles, Calif. Award dispensing machine. 2,569,382, Sept. 25.
Leach, Uriel H., Seattle, Wash. Shutoff valve. 2,539,088, Jan. 23.
Leader Electric Company, assignee: *See*—
Yellin, Edward.
Leader, Sophia: *See*—
Leader, Zeleg and S.
Leader, Zeleg and S., Brooklyn, N. Y. Mattress cover. 2,543,552, Feb. 27.
Leaders, William M.: *See*—
Black, Howard C., and Leaders.
Lacey, Felix E., and Leaders.
Leaders, William M., Chicago, Ill., assignor, by mesne assignments, to Swift & Company. Selective extraction and fractionation of fatty materials. 2,548,434, Apr. 10.
Leaders, William M., and F. E. Lacey, assignors to Swift & Company, Chicago, Ill. Solvent fractionation. 2,576,841, Nov. 27.
Leading Engine Company, The, assignee: *See*—
Benjamin, Harry S., and De Harte.
Leahy, James F.: *See*—
Ashley, John W., and Leahy.
Leake, Norman H.: *See*—
Bock, Louis H., Leake, and Rainey.
Leakey, Paul J.: *See*—
Fiedler, Leon F., and Leakey.
Lear, Earl B., Detroit, Mich., assignor to Chicago Pneumatic Tool Company, New York, N. Y. Wet and dry back head for rock drills. 2,562,468, July 31.
Lear, Incorporated, assignee: *See*—
Carr, William F.
Lear, William P.
Lear, William P., North Hollywood, Calif., assignor, by mesne assignments, to Lear, Incorporated, Grand Rapids, Mich. Dual range automatic temperature control system. 2,539,089, Jan. 23.
Learn, Claude E., assignor to Bendix-Westinghouse Automotive Air Brake Company, Elyria, Ohio. Brake slack adjuster. 2,551,888, May 8.
Leary, Edward J., San Francisco, Calif. Jack positioning device. 2,553,196, May 15.
Leary, Gordon H., Chicago, Ill. Magnetic damping device for balances and the like. 2,538,369, Jan. 16.
Leary, Robert F.: *See*—
Wilson, Howard L., Leary, and Nelson.
Leas, Arnold M.: *See*—
Blazer, Paul G., Leas, and Humphreys.
Lease, Delbert B., Ridgeley, W. Va., assignor to Celanese Corporation of America. Bow shuttle. 2,543,914, Mar. 6.
Leatherman, Clifford C., assignor to Control Instrument Company, Inc., New York, N. Y. Verifying device. 2,545,819, Mar. 20.
Leatherman, Jerry M., Akron, Ohio. Adjustable hack saw frame. 2,556,093, June 5.
Leathermon, Fred L., North Madison, Ind. Selective vehicle jack system. 2,538,205, Jan. 16.
Leathers, Chester F., Detroit, Mich., assignor to Progressive Welder Company. Electrical control. 2,543,502, Feb. 27.
Leathers, Lindell L., Washington, D. C. Dental appliance. 2,562,106, July 24.
Leathers, Ward, Brooklyn, assignor to International Business Machines Corporation, New York, N. Y. Time and production recording apparatus. 2,540,033, Jan. 30.
Leathorn, Robert, Chatham, Ontario, Canada. Illuminated mirror assembly. 2,570,569, Oct. 9.
Leavens, Robert E., Houston, Tex. Slicing machine with vertically reciprocating cutter. 2,560,229, July 10.
Leaver, Eric W., Toronto, and W. H. Martin, Guelph, Ontario, Canada. Electronic golf game. 2,557,550, June 19.
Leavitt, Harry C., Venice, Calif. Film projector and viewer. 2,543,113, Feb. 27.
Leavitt Machine Company, The, assignee: *See*—
Powers, Ray D.
Lebanon Steel Foundry, assignee: *See*—
Juppenlatz, John W.
LeBaron, Ira M., Lakeland, Fla., assignor to International Minerals & Chemical Corporation. Mineral recovery process. 2,550,829, May 1.
Le Baron, Ira M., Lakeland, Fla., and P. D. V. Manning, Glencoe, Ill., assignors to International Minerals & Chemical Corporation. Flotation of phosphate and similar ores. 2,564,367, Aug. 14.
Lebeda, Paul A., Cedar Rapids, Iowa. Internal-combustion engine and crank shaft therefor. 2,554,993, May 29.
Lebedeff, Yurii E.: *See*—
Yeck, Robert P., and Lebedeff.
Lebensfeld, Moe: *See*—
Buxbaum, Mac, and Lebensfeld.
Lebert, Herbert A., Cheyenne, Wyo., assignor to United Air Lines, Inc. Hydraulically expanding hollow rivet. 2,562,724, July 31.
Leberte, Victor P.: *See*—
Mozzanini, Georges G., and Leberte.
Lebherz, Harry J., assignor to The Everedy Company, Frederick, Md. Regulating valve for cooking utensil covers. 2,573,719, Nov. 6.
Lebherz, John C., Anchorage, Alaska. Telescope mount for rifles. 2,563,849, Aug. 14.
Le Blanc, Arthur H., Springfield, Mass. Shade cover. 2,561,024, July 17.
Le Blanc, Elroy J., New Orleans, La. Mechanism for tallying lumber. 2,540,624, Feb. 6.
Leblans, Leopold M. L. J.: *See*—
Rinia, Herre, and Leblans.
Le Blond, R. K., Machine Tool Co., The, assignee: *See*—
Cooper, Nelson D.
Groene, Willard L.
Le Blond, Richard K., and Kemper.
Luning, George W.
Meyer, Walter R.
Siekmann, Harold J., and Kasselmann.
Siekmann, Harold J., and Kemper.
Siekmann, Harold J., Kemper and Cooper.
Waterson, Arthur P.
Le Blond, Richard K., Cincinnati, and H. C. Kemper, Goshen Township, Clermont County, assignors to The R. K. Le Blond Machine Tool Co., Cincinnati, Ohio. Milling machine feed drive transmission. 2,580,307, Dec. 25.
Lebocey, Annick L. S., assignee: *See*—
Grandnom, René.
Lebocey, Bernard J. E., assignee: *See*—
Grandnom, René.

Lebocey, Jacqueline H. J., assignee: *See*—
Grandnom, René.
Lebocey, Mrs. Raymonde (born Belleuvre), assignee: *See*—
Grandnom, René.
Le Boeuf, Oscar J., Gary, Ind. Scraping tool for freeing stuck window sashes. 2,568,012, Sept. 18.
Leboffe, Angelo H., assignor to Consolidated Vultee Aircraft Corporation, San Diego, Calif. Illuminating indicating instruments. 2,562,498, July 31.
Lebold, Samuel N., assignor to Morris Paper Mills, Chicago, Ill. Handle for bottle carriers. 2,543,698, Feb. 27.
Lebold, Samuel N., assignor to Morris Paper Mills, Chicago, Ill. Bottle carrier. 2,558,618, June 26.
Lebovits, Motil M., Santa Monica, Calif. Rack mounted tree for women's and men's shoes. 2,564,117, Aug. 14.
Lebovitz, Morris, assignor to Churchill Meat Company, Pittsburgh, Pa. Shaping meats. 2,565,245, Aug. 21.
Le Bozec, Léon, Courbevoie, and G. Gautier, Mesnil-le-Roi, France. Feed rain and safety device for water heaters. 2,579,387, Dec. 18.
Le Bron, Roderick, and W. R. Heck, Omaha, Nebr. Rethreading tool. 2,567,849, Sept. 11.
Lebrun, Paul, Long Island City, N. Y. Glass bead forming machine. 2,555,893, June 5.
Lebus, William A., assignor to The Protectoseal Company, Chicago, Ill. Lever actuated operating mechanism for spout closures. 2,574,876, Nov. 13.
Le Calvez, Philippe Y. M., assignor to Societe francaise Sadir-Carpentier, Paris, France. Telegraph system. 2,566,218, Aug. 28.
Lecarme, Jacques, assignor to Société Nationale De Constructions Aeronautiques du Sud-Est, Paris, France. Aircraft control system. 2,566,526, Sept. 4.
Leccese, Frank, assignee: *See*—
Spadola, James V.
Leccese, Vincent L., West New York, assignor to King Converters, Inc., Denville, N. J. Combination pouring and sifting closure for containers. 2,554,710, May 29.
Le Cellophane, assignee: *See*—
Anderegg, Hermann.
Vanet, Paul.
Veyret, Louis, and Geffroy.
Lecher, Hans Z., Plainfield, and D. R. Eberhart, Bound Brook, N. J., assignors to American Cyanamid Company, New York, N. Y. Acylation of diarylguanidine salts of diaminostilbene sulfonic acids. 2,580,234, Dec. 25.
Lechthaler, Charles H., Woodbury, N. J., assignor to Socony-Vacuum Oil Company, Incorporated. Revivification of desiccants. 2,549,104, Apr. 17.
Le Clair, Camille C. S., Acton, London, assignor to Tecalemit Limited, Brentford, England. Oil filtration system. 2,544,269, Mar. 6.
Le Clair, Camille C. S., Acton, London, assignor to Tecalemit Limited, Brentford, England. Lubricant fitting. 2,546,671, Mar. 27.
Le Clair, Camille C. S., Acton, London, assignor to Tecalemit Limited, Brentford, England. Nipple or lubricant-receiving device. 2,546,672, Mar. 27.
Le Clair, Camille C. S., Acton, London, assignor to Tecalemit Limited, Brentford, England. Vehicle wheel lubricating apparatus. 2,567,774, Sept. 11.
Le Clair, Camille C. S., London, assignor to Tecalemit Limited, Brentford, England. Centrifugal pump. 2,540,269, Feb. 6.
Le Clair, Harriette, East Bridgewater, Mass. Glove in which a palm purse is incorporated. 2,551,889, May 8.
Le Claire, Eugene J., assignor to H. F. Joesting, St. Paul, Minn. Fastener for pressure doors. 2,546,760, Mar. 27.
Le Claire, Eugene J., assignor to H. F. Joesting, St. Paul, Minn. Cabinet door. 2,559,193, July 3.
Le Claire, Eugene J., and B. J. Heinzman, assignors to H. F. Joesting, St. Paul, Minn. Boiler feed and fuel control float construction. 2,556,588, June 12.
Le Claire, Eugene J., and B. J. Heinzman, assignors to H. F. Joesting, St. Paul, Minn. Boiler. 2,565,973, Aug. 28.
Le Coënt, Albert, H. Guillon, and R. Roubinet, assignors to the Société Anonyme so-called: Office Central de Chauffe Rationnelle, Paris, France. Apparatus for vaporizing heavy liquid fuels. 2,580,179, Dec. 25.
Le Count, Mary J., assignee: *See*—
Le Count, William J.
Le Count, W. G. Tool Works: *See*—
Le Count, William J.
Le Count, William J., Norwalk, assignor to M. J. Le Count, doing business as W. G. Le Count Tool Works, South Norwalk, Conn. Expansible mandrel. 2,544,633, Mar. 6.
LeCroy, Donald B., Des Moines, Iowa. Automatic headlight control. 2,558,969, July 3.
Lecture, Raymond F., Chicago, Ill., and A. T. Sedgwick, San Leandro, Calif., assignors to Interchemical Corporation, New York, N. Y. Moisture settable printing ink. 2,543,727, Feb. 27.
Le Dain, Harvey J.: *See*—
Harwood, Kenneth J., and Le Dain.
Ledbetter, Ralph W., Anniston, Ala. Safe construction. 2,576,232, Nov. 27.
Ledeboer, Johan M.: *See*—
Hazeu, Hendrik A. G., and Ledeboer.
Ledeboer, Johan M., and J. Fransen, Eindhoven, Netherlands, assignors to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Device for the medical treatment of persons with high-frequency energy. 2,543,248, Feb. 27.
Ledin, Theodore A., assignor to A. Finkl & Sons Co., Chicago, Ill. Differential heating apparatus for metal ingots and blocks. 2,578,890, Dec. 18.
Le Drut, Jules H. T.: *See*—
Vermeulen, Marc, and Ledrut.
Ledrut, Jules H. T., Saint-Gilles, Belgium, assignor to Heyden Pharmacal Company, New York, N. Y. Morpholine salicylates and their preparation. 2,551,682, May 8.
Le Duc, Joseph E., Mont-Royal, Montreal, Quebec, Canada. Surgical mask. 2,556,589, June 12.
Leduc, René, Toulouse, France. Fluid-pressure motor device for control systems. 2,574,335, Nov. 6.
Ledwith, Walter A., Hartford, assignor to United Aircraft Corporation, East Hartford, Conn. Turbine rotor cooling. 2,554,368, May 22.
Lee, Arthur L., Upper Arlington, Ohio, assignor to The Jeffrey Manufacturing Company. Mining machine feed drum control. 2,543,634, Feb. 27.
Lee, Arthur L., Upper Arlington, Ohio, assignor to The Jeffrey Manufacturing Company. Mining machine control valve. 2,547,646, Apr. 3.
Lee, Arthur L., Columbus, Ohio, assignor of one-half to R. R. Schubert. Mine locomotive. 2,547,710, Apr. 3.
Lee, Arthur L., Upper Arlington, Ohio, assignor to The Jeffrey Manufacturing Company. Belt conveyer. 2,554,037, May 22.
Lee, Arthur L., Upper Arlington, Ohio, assignor to The Jeffrey Manufacturing Company. Tramming locomotive. 2,555,854, June 5.
Lee, Bertha, Pocatello, Idaho. Musical toy. 2,552,288 May 8.
Lee, Burton D.: *See*—
Teichmann, Charles F., Lee, and Lord.
Wolf, Alexander, and Lee.
Lee, Burton D., Houston, Tex., assignor to The Texas Company, New York, N. Y. Electrical analogue. 2,569,816, Oct. 2.
Lee, Burton D., Houston, Tex., assignor to The Texas Company, New York, N. Y. Dynamic lubrication of mechanical linkages employed in electrical analogues. 2,569,818, Oct. 2.
Lee, Burton D., and G. Herzog, Houston, Tex., assignors to The Texas Company, New York, N. Y. Electrical analogue. 2,547,950, Apr. 10.
Lee, Charles B.: *See*—
Rudat, George, and Lee.
Lee, Charles M., assignor to Eastman Kodak Company, Rochester, N. Y. Diaphragm assembly. 2,556,546, June 12.
Lee, Charles M., and G. L. Barringer, assignors to Eastman Kodak Company, Rochester, N. Y. Temperature compensating lens mount. 2,537,900, Jan. 9.
Lee, Charles M., and G. L. Barringer, assignors to Eastman Kodak Company, Rochester, N. Y. Focus adjusting mechanism for aerial cameras. 2,575,020, Nov. 13.
Lee, Chite S., Detroit, Mich. Cutting tool. 2,554,783, May 29.
Lee, Chite S., Detroit, Mich. Hydraulic unit. 2,559,125, July 3.
Lee, Donald D., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Production of melamine. 2,549,492, Apr. 17.
Lee, Edison G.: *See*—
Himel, Chester M., and Lee.
Lee, Edwin C., London, England, assignor to International Standard Electric Corporation, New York, N. Y. Making multicore electrical conductors. 2,538,019, Jan. 16.
Lee Engineering Research Corporation, assignee: *See*—
Lee, Royal.
Lee, Ernest D., Teaneck, and R. J. Schefbauer, Jr., Union City, N. J., assignors to Interchemical Corporation, New York, N. Y. Utah coal resin modified alkyd resins. 2,568,591, Sept. 18.
Lee, Ernest D., Teaneck, R. J. Schefbauer, Jr., Union City, and O. P. Berberich, Jersey City, N. J., assignors to Interchemical Corporation, New York, N. Y. Printing inks. 2,579,836, Dec. 25.
Lee, Ervin W., Zanesville, Ohio. Fastening device. 2,570,957, Oct. 9.
Lee, Floyd J., Fullerton, Calif., assignor to Akron Brass Mfg. Company, Inc., Wooster, Ohio. Automatic oil tank protective device. 2,545,154, Mar. 13.
Lee, Floyd J., Pasadena, assignor to Fog Nozzle Company, Los Angeles, Calif. Automatic hose attachment and cabinet therefor. 2,557,385, June 19.
Lee Foundation for Nutritional Research, assignee: *See*—
Lee, Royal.
Lee, Francis E., Abington, Pa. Lined drawer. 2,570,958, Oct. 9.
Lee, Fred J., Pasadena, Calif. Weed killer. 2,577,687, Dec. 4.
Lee, Frederick W., Owings Mills, Md. Dynamically balanced weight system. 2,556,199, June 12.
Lee, Frederick W., Owings Mills, Md. Geophysical surveying. 2,575,349, Nov. 20.
Lee, George, assignee: *See*—
Jansoone, John.

Lee, George A., Enfield, assignor to Autopack (London) Limited, Birmingham, England. Reciprocating pusher conveyer. 2,567,488, Sept. 11.
Lee, George R., Glendale, Calif. Adjustable point marking gauge. 2,536,378, Jan. 2.
Lee, Gerald L.: *See*—
Eash, John T., and Lee.
Lee, Gerald L., Plainfield, and J. T. Eash, Westfield, N. J., assignors to The International Nickel Company, Inc., New York, N. Y. Cast graphitic nickel alloy and making same. 2,568,013, Sept. 18.
Lee, Gladys B., Washington, D. C. Bottle sterilizer rack. 2,552,983, May 15.
Lee, Harold J.: *See*—
Kennedy, James M., Lee, and Knight.
Lee, Harold J., assignor to Revere Copper and Brass Incorporated, Rome, N. Y. Electroplating copper clad stainless steel cooking vessels. 2,560,966, July 17.
Lee, Henry B., Bell Gardens, Calif. Rotary crane. 2,547,398, Apr. 3.
Lee, Henry R., and V. Weinmayr, Pitman, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Nitro-thiophanthraquinones. Re. 23,389, July 10.
Lee, Henry R., and V. Weinmayr, Pitman, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Amino-thiophanthraquinones. Re. 23,390, July 10.
Lee, Henry R., and V. Weinmayr, Pitman, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Nitro-(2-thenoyl)-O-benzoic acids. Re. 23,406, Sept. 4.
Lee, James E., Grand Haven, and F. Barney, Spring Lake, assignors to The Challenge Machinery Company, Grand Haven, Mich. Printer's quoin. 2,571,263, Oct. 16.
Lee, John, Essex Fells, and L. Berger, assignors to Hoffman-La Roche Inc., Nutley, N. J. Methanol extraction of cascara sagrada bark. 2,552,896, May 15.
Lee, John, Essex Fells, and L. Berger, assignors to Hoffmann-La Roche Inc., Nutley, N. J. Decamethylenediamine salt of heparin. 2,561,384, July 24.
Lee, John G., Farmington, assignor to United Aircraft Corporation, East Hartford, Conn. Aircraft control means. 2,568,812, Sept. 25.
Lee, John H., Minneapolis, Minn. Roller type support for the tumbling drum of a clothes-washing machine. 2,541,166, Feb. 13.
Lee, John W., Dayton, Ohio. Free center for the tailstock of a lathe. 2,549,613, Apr. 17.
Lee, John W., H. E. Martin, and W. M. Alexander, Indianapolis, Ind. Subcutaneous medication. 2,546,759, Mar. 27.
Lee, Joseph F., Lynwood, assignor to F. V. Long, Compton, Calif., doing business under the name of The Vapor Recovery Systems Company. Testing apparatus for gauge lines. 2,555,593, June 5.
Lee, Joseph O., West Allis, Wis. Ceiling and wall paint applicator. 2,577,339, Dec. 4.
Lee, Leighton, II, Meriden, assignor, by mesne assignments, to Niles-Bement-Pond Company, West Hartford, Conn. Apparatus for controlling the intake manifold pressure of internal-combustion engines. 2,558,968, July 3.
Lee, Leighton, II, assignor, by mesne assignments, to Niles-Bement-Pond Company, West Hartford, Conn. Pressure regulating apparatus. 2,580,030, Dec. 25.
Lee, Leonard, assignor to James Howden & Company Limited, Glasgow, Scotland. Hydraulic dust trap. 2,545,853, Mar. 20.
Lee, Lloyd L.: *See*—
Norberg, Harold, and Lee.
Lee, Lloyd T., Holmen, Wis. Liquid dispenser. 2,554,747, May 29.
Lee, Norman E., Forest Hills, N. Y. Mounting. 2,539,443, Jan. 30.
Lee, Norman E., Forest Hills, N. Y. Mounting. 2,555,347, June 5.
Lee, Norman E., Forest Hills, N. Y., assignor to the United States of America as represented by the Secretary of War. Flexible member. 2,558,763, July 3.
Lee, Norman E., Forest Hills, N. Y. Mounting. 2,562,195, July 31.
Lee, Norman E., Red Bank, N. J. Support. 2,540,130, Feb. 6.
Lee, O. Z., Frederick, Okla. Automobile tray for instrument panels. 2,546,459, Mar. 27.
Lee Products, Inc., assignee: *See*—
Mesirow, Sheldon L.
Lee, Richard W.: *See*—
Gillette, Frank N., and Lee.
Pourciau, Louis L., and Lee.
Lee, Robert D., South Gate, Calif. Pipe layout machine. 2,549,911, Apr. 24.
Lee, Robert H., Indianapolis, Ind., assignor, by mesne assignments, to Cornell-Dubilier Electric Corporation, South Plainfield, N. J. Polarity changer. 2,541,427, Feb. 13.
Lee, Robert H., Indianapolis, Ind., assignor, by mesne assignments, to Cornell-Dubilier Electric Corporation, South Plainfield, N. J. Vibrator interrupter system. 2,544,332, Mar. 6.
Lee, Robert H., Indianapolis, Ind., assignor, by mesne assignments, to Micro Recording Company. Automatic exposure timer for cameras. 2,577,774, Dec. 11.
Lee, Robert H., Indianapolis, Ind., assignor, by mesne assignments, to Micro Recording Company. Camera film take-up for automatic exposure cameras. 2,578,254, Dec. 11.
Lee, Robert J.: *See*—
Adams, Leon M., Brandt, Lee, and Wadsworth.
Lee, Robert J.: *See*—
May, Paul D., Adams, and Lee.
Lee, Robert J., La Marque, assignor to Pan American Refining Corporation, Texas City, Tex. Diaryl sulfones and their manufacture. 2,556,429, June 12.
Lee, Robert J., La Marque, and P. S. Drennan, Dickinson, assignors to Pan American Refining Corporation, Texas City, Tex. Producing polyolefinic hydrocarbon drying oils. 2,575,718, Nov. 20.
Lee, Robert J., La Marque, Tex., and R. H. Reiff, New Cumberland, Pa., assignors to Pan American Refining Corporation, Texas City, Tex. Ketone plasticizers for polyvinyl chloride resins. 2,538,254, Jan. 16.
Lee-Rowan Company, assignee: *See*—
Rowan, John V.
Lee, Royal, Elm Grove, assignor to Lee Engineering Research Corporation, Milwaukee, Wis. Speed governing apparatus. 2,551,021, May 1.
Lee, Royal, assignor to Lee Foundation for Nutritional Research, Milwaukee, Wis. High-frequency dehydrating method and apparatus. 2,555,450, June 5.
Lee, Royal, Elm Grove, assignor to Lee Foundation for Nutritional Research, Milwaukee, Wis. Wave energy apparatus. 2,560,728, July 17.
Lee, Royal, Elm Grove, assignor to Lee Foundation for Nutritional Research, Milwaukee, Wis. Tool chuck. 2,570,570, Oct. 9.
Lee, Russell: *See*—
Evans, Louis P., and Lee, Hagerbaumer.
Lee, Samuel, Yonkers, assignor to Interchemical Corporation, New York, N. Y. Textile decorating. 2,558,053, June 26.
Lee, Thomas S., Enterprises, Inc., assignee: *See*—
Jury, Harold W., and Lubcke.
Lee, William A., Colton's Point, Md. Injecting-ejecting pump siphon. 2,551,497, May 1.
Lee, William F., and D. Stephens, Glendale, said Stephens assignor to Sunray Company, Spartanburg County, S. C. Warehouse bobbin truck. 2,573,206, Oct. 30.
Leece, Bennett M., and S. F. Stewart, Shaker Heights, assignors to The Leece-Neville Company, Cleveland, Ohio. Vehicle electrical system. 2,557,298, June 19.
Leece, Bennett M., and S. F. Stewart, Shaker Heights, assignors to The Leece-Neville Company, Cleveland, Ohio. Electrical generating system control. 2,561,804, July 24.
Leece, John B., University Heights, and N. P. Harmon, assignors to The Leece-Neville Company, Cleveland, Ohio. Apparatus for winding electrical coils. 2,569,679, Oct. 2.
Leece-Neville Company, The, assignee: *See*—
Leece, Bennett M., and Stewart.
Leece, John B., and Harmon.
Leech, John L.: *See*—
Henry, Edward C., Leech, and Armstrong.
Leech, Lawrence, Ryde, England. Variable-output hydraulic pump. 2,561,519, July 24.
Leeds, John C., Sherman Oaks, assignor of one-half to J. O. Davis, Los Angeles, Calif. Adjustable seat rest. 2,546,460, Mar. 27.
Leeds and Northrup Company, assignee: *See*—
Behr, Leo.
Besselman, Wayne L., and Davis, II.
Broomell, George L. Jr.
Callender, Albert, and Stevenson.
Machler, Raymond C.
McLeod, John H., Jr., and Carolus, and Jewett.
Perley, George A.
Stein, Irving M., Williams, and Clark.
Williams, Albert J., Jr.
Leeds, Winthrop M.: *See*—
Friedrich, Robert E., and Leeds.
Leeds, Winthrop M., Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Circuit breaker. 2,575,719, Nov. 20.
Leeds, Winthrop M., Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Circuit breaker with disconnect. 2,580,354, Dec. 25.
Leedy, Walter L., Youngstown, Ohio. Nailer section. 2,573,345, Oct. 30.
Leef, John H., Minneapolis, Minn. Multiple ironing machine. 2,556,477, June 12.
Leek, Thomas G., New York, N. Y., assignor to Edgar Brothers Company, Metuchen, N. J. Flotation process for whitening clay. 2,569,680, Oct. 2.
Leekley, Robert M., Westport, Conn., assignor to Time, Inc., New York, N. Y. Zein ink compositions. 2,570,353, Oct. 9.
Leeks, Robert E.: *See*—
Lankau, Charles A., Leeks, and Marino.
Leeman, Jan N. J.: *See*—
Driessen, Maxmiliaan G., Krijgsman, and Leeman.
Leeman, Robert N., Malden, Mass. Combination back rest and bag structure. 2,570,571, Oct. 9.
Leeming, Mason S., Skokie, Ill. Ear muff. 2,545,552, Mar. 20.
Lees-Bradner Company, assignee: *See*—
Warner, Homer C.

Lees Bradner Company, The, assignee: *See*—
Warner, Homer C.

Lees, James, and Sons Company, assignee: *See*—
Gebert, Russell C., and Eberwein.

Leese, Charles P., assignor to Standard Car Truck Company, Chicago, Ill. Hotbox alarm device. 2,566,494, Sept. 4.

Leeson, George W. T., assignor to Wallington Weston & Company Limited, Frome, Somerset, England. Manufacture of golf balls. 2,558,860, July 3.

Leeson, Meldon G., York, Pa., assignor to Flakice Corporation, Brooklyn, N. Y. Ice-making apparatus. 2,549,747, Apr. 17.

Leete, William C., Longmeadow, Mass. Making round brushes. 2,565,974, Aug. 28.

Leeuwin, Max, and J. C. A. Recourt, Eindhoven, Netherlands, assignors to Hartford National Bank and Trust Company, Hartford, Conn, as trustee. Scale assembly with dial plate positioned by wave band switch. 2,553,053, May 15.

Le Febure Corporation, assignee: *See*—
Gannett, Wright K., and Mast.

Le Febvre, Alfred L., Windsor, assignor to The Fuller Brush Company, Hartford, Conn. Brush of the push broom type. 2,561,025, July 17.

Le Febvre, Alfred L., Windsor, assignor to The Fuller Brush Company, Hartford, Conn. Brush of the push broom type. 2,561,026, July 17.

Le Febvre, Alfred L., Windsor, assignor to The Fuller Brush Company, Hartford, Conn. Brushmaking machine. 2,572,498, Oct. 23.

Le Febvre, Alfred L., and M. H. Strong, Windsor, and E. J. Gatting, Manchester, assignors to The Fuller Brush Company, Hartford, Conn. Twisting control mechanism for brush-making machines. 2,542,686, Feb. 20.

Le Febvre, Alfred L., Windsor, and M. H. Strong, Manchester, assignors to The Fuller Brush Company, Hartford, Conn. Brushmaking machine. 2,542,687, Feb. 20.

Le Febvre, Warren C., and A. Mihm, Hibbing, Minn. Folding gaff hook. 2,547,273, Apr. 3.

Le Fevre, Walter J.: *See*—
Britton, Edgar C., and Le Fevre.

Leffer, Frederick A. W., Riverside, assignor to Universal Oil Products Company, Chicago, Ill. Treatment of solid hydrocarbonaceous material. 2,544,843, Mar. 13.

Leffer, Frederick W., Riverside, assignor to Universal Oil Products Company, Chicago, Ill. Method and apparatus for contacting sub-divided solid particles with a fluid reactant stream. 2,541,077, Feb. 13.

Leffer, Frederick W., Riverside, assignor to Universal Oil Products Company, Chicago, Ill. Apparatus for heating fluids to high temperatures. 2,548,030, Apr. 10.

Leffert, Charles B., and C. H. O. Berg, Long Beach, assignors to Union Oil Company of California, Los Angeles, Calif. Azeotropic distillation of hydrocarbons with aqueous azeotrope formers. 2,563,344, Aug. 7.

Leffler, Marlin T.: *See*—
Clemence, Le Roy W., and Leffler.
Fieser, Louis F., and Leffler.

Leffler, Marlin T., Lake Bluff, Ill., assignor, by mesne assignments, to Research Corporation, New York, N. Y. 3-aminomethyl-2-hydroxy-1,4-naphthoquinones and their production. 2,541,473, Feb. 13.

Leffler, Marlin T., Lake Bluff, assignor to Abbott Laboratories, North Chicago, Ill. Stable vitamin B_{12} composition. 2,579,679, Dec. 25.

Leffler, Marlin T., Lake Bluff, and W. D. Krueger, Waukegan, assignors to Abbott Laboratories, North Chicago, Ill. Quaternary ammonium compounds. 2,566,132, Aug. 28.

Leffler, Nils G., Sundsvall, Sweden. Shielding shoe for drums and similar filters. 2,560,581, July 17.

Leffler, Nils G., Sundsvall, Sweden. Shielding shoe for filters. 2,561,282, July 17.

Leffler, Nils G., Sundsbruk near Sundsvall, assignor to Svenska Cellulosa Aktiebolaget, Stockholm, Sweden. Machine for barking logs. 2,576,127, Nov. 27.

Lefforge, John W., Anniston, Ala., assignor to Monsanto Chemical Company, St. Louis, Mo. Water treating composition. 2,575,176, Nov. 13.

Lefforge, John W., Anniston, Ala., assignor to Monsanto Chemical Company, St. Louis, Mo. Water treating composition. 2,575,177, Nov. 13.

Lefforge, John W., Anniston, Ala., assignor to Monsanto Chemical Company, St. Louis, Mo. Water treating composition. 2,575,178, Nov. 13.

Lefforge, John W., Anniston, Ala., assignor to Monsanto Chemical Company, St. Louis, Mo. Water treating compositions. 2,575,179, Nov. 13.

Lefkowitz, I., & Sons, Inc., assignee: *See*—
Whipple, Jack V.

Lefkowitz, Joseph, Brooklyn, N. Y. Razor. 2,558,859, July 3.

Lefteruk, Manolie, Los Angeles, Calif. Ice skate sharpener. 2,542,281, Feb. 20.

Le Gall, Camille, assignee: *See*—
Pouré, Emile E.

Legarra, Phillip H., West Los Angeles, assignor of one-half to J. E. McPhee, Culvert Cty, Calif. Swivel spoon. 2,571,264, Oct. 16.

Legat, Robert C., New Britain, assignor to The G. E. Prentice Mfg., Kensington, Conn. Automatic lock slider for fasteners. 2,551,381, May 1.

Legat, Robert C., New Britain, assignor to The G. E. Prentice Mfg. Co., Kensington, Conn. Adjustable fastening device. 2,559,883, July 10.

Legat, Robert C., New Britain, assignor to The G. E. Prentice Mfg. Co., Kensington, Conn. Key support. 2,579,838, Dec. 25.

Legatski, Harold R., Bartlesville, Okla., assignor to Phillips Petroleum Company. Isomerization of hydrocarbons. 2,562,926, Aug. 7.

Legere, John, assignee: *See*—
Legere, Joseph L.

Legere, Joseph L., Oshawa, assignor of twenty-five per cent to John Legere, Brantford, Ontario, Canada. Molding machine. 2,559,647, July 10.

Legg, David A.: *See*—
Beesch, Samuel C., and Legg.

Legg, Keith D., Minneapolis, Minn. Fishing reel control device and brake. 2,544,962, Mar. 13.

Legler, John C.: *See*—
Vaughan, William E., Jr., and Legler.

Le Gloahec, Victor C. E., Rockland, Maine, assignor to Algin Corporation of America, New York, N. Y. Gelose calcium alginate and caseinate and their production. 2,543,699, Feb. 27.

Le Gloahec, Victor C. E., Rockland, Maine, assignor to Algin Corporation of America, New York, N. Y. Carragheenate arabate coazervate and manufacture. 2,556,282, June 12.

Le Goff, Lucien J. A., assignor to Societe d'Electricite Mors, Clichy, France. Indicating system. 2,554,580,

Legois, John F., Racine, Wis. Stadium seat. 2,542,820, Feb. 20.

Le Gore, John T. P., Hingham, Mass. Detergent-supplying means for dish washing machines. 2,563,652, Aug. 7.

Legrand, Jean M. A., assignee: *See*—
Chancenotte, Gaston.

Le Grand, John P., and N. W. Young, Detroit, Mich. Spark plug terminal protector. 2,550,358, Apr. 24.

Le Grande, John R.: *See*—
McDaniel, William T., Jr., and Le Grand.

Legris, Edgar L., assignor of fifty per cent to L. Legris, Kankakee, Ill. Adjustable seat for farm implements. 2,546,268, Mar. 27.

Legris, Louis, assignee: *See*—
Legris, Edgar L.

Legros, Auguste, Saint Jean Port Joli, Quebec, Canada. Maple sap float gauge. 2,566,219, Aug. 28.

Legros, Robert G., Paris, France. Standard frequency generator. 2,570,461, Oct. 9.

Leguillon, Charles W.: *See*—
Haren, Urban C., and Leguillon.

Leguillon, Charles W., and O. E. Hermanns, Akron, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y. Method and apparatus for making composite tire articles. 2,569,935, Oct. 2.

Lehane, Timothy J.: *See*—
Russell, Edward A., and Lehane.

Lehane, Timothy, J., and E. H. Burgess, Chicago, Ill., assignors, by mesne assignments, to Vapor Heating Corporation. Ventilation and temperature control system. 2,553,262, May 15.

Lehane, Timothy J., North Riverside, L. E. Haskett, Riverside, and E. W. Johnson, assignors to Vapor Heating Corporation, Chicago, Ill. Heating system control. 2,574,925, Nov. 13.

Lehane, Timothy J., North Riverside, and E. W. Johnson, assignors to Vapor Heating Corporation, Chicago, Ill. Aircraft refrigeration control. 2,566,617, Sept. 4.

Lehane, Timothy J., J. V. Vulpen, and R. J. Vlaming, Chicago, Ill., assignors, by mesne assignments, to Vapor Heating Corporation. Automatically controlled vapor heating system. 2,574,877, Nov. 13.

Lehde, Henry C., assignor to Control Instrument Company, Inc., Brooklyn, N. Y. Reversible step motor. 2,548,731, Apr. 10.

Lehman, David P., Elkhart, Ind. Wood finishing process. 2,573,105, Oct. 30.

Lehman, Edward H., assignor to W. H. Miner, Inc., Chicago, Ill. Rotary bar fastener for hinged doors. 2,538,203, Jan. 16.

Lehman, Elenora B., Elkhart, Ind. Convertible high chair. 2,553,460, May 15.

Lehman, Eugene W.: *See*—
Engeln, John H., Lehman, and Speth.

Lehman, John L., St. Louis, Mo. Lighting device having a lens which gives a long and relatively narrow area of illumination. 2,551,954, May 8.

Lehman, Laurence N.: *See*—
Davidson, John T., Williams, and Lehman.

Lehman, Lincoln D., Portland, Oreg. Carton. 2,536,948, Jan. 2.

Lehman, Robert A., New York, N. Y., assignor to Wyeth Incorporated, Philadelphia, Pa. Water-soluble sulfur-containing organic mercury compounds having diuretic properties and preparing same. 2,576,349, Nov. 27.

Lehman, Roscoe E., Hagerstown, Md. Combination lock. 2,558,619, June 26.

Lehman, Sophie, assignee: *See*—
Tarshis, Ralph.

Lehmann, Albert F., assignor to Special Engineering Service, Incorporated, Detroit, Mich. Quick-acting hold-down cam clamp. 2,537,594, Jan. 9.
Lehmann, Emil, West Englewood, assignor to White Metal Manufacturing Company, Hoboken, N. J. Conveyer. 2,547,476, Apr. 3.
Lehmann, Emil, West Englewood, assignor to White Metal Manufacturing Company, Hoboken, N. J. Collapsible tube handling apparatus. 2,572,164, Oct. 23.
Lehmann, Erich O., Verona, N. J. Toolholder for lathes. 2,549,493, Apr. 17.
Lehmann, Gerard J.: *See*—
Deloraine, Edmond M., and Lehmann.
Lehmann, Günther, Yonkers, N. Y. Fishing vessel. 2,566,086, Aug. 28.
Lehmann, Herbert G., Bridgeport, Conn. Eraser. 2,559,884, July 10.
Lehmann, Max, East Cleveland, assignor to The Baker-Raulang Company, Cleveland, Ohio. Industrial truck. 2,536,068, Jan. 2.
Lehmann, René L., Paris, and J. Lintner, La Garenne Colombes, assignors to Bozel-Maletra Societe Industrielle de Produits Chimiques, Paris, France. Amide-glyoxal-formaldehyde reaction product and shrinkproofing cellulose textile fibers therewith. 2,574,114, Nov. 6.
Lehmberg, William H., Riverside, Conn., assignor to American Felt Company, Boston, Mass. Storage battery separator. 2,579,589, Dec. 25.
Lehmkuhl, Henry W., assignor to Milk Plant Specialties Corporation, Rochester, N. Y. Dissolving apparatus. 2,565,246, Aug. 21.
Lehmkuhl, Joakim, Watertown, Conn. Ski binding. 2,559,020, July 3.
Lehn, John U., assignor to Animal Trap Company of America, Lititz, Pa. Animal trap. 2,568,344, Sept. 18.
Lehner, Edwin C., assignor to Swift & Compny, Chicago, Ill. Making variegated ice cream. 2,576,842, Nov. 27.
Lehner, Hans, Kirchberg, Switzerland. Filing cabinet. 2,572,737, Oct. 23.
Lehnus, John H., Minneapolis, assignor to R. E. Miller, St. Louis Park, Minn. Roasting fork. 2,558,365, June 26.
Lehr, Henry, Flint, Mich. Work-holder for shapers. 2,569,613, Oct. 2.
Lehr, James C., D. J. O'Flynn, and R. Y. Tompson, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Urea-formaldehyde paper-treating compositions. 2,557,299, June 19.
Lehr, Paul E., Brea, Calif. Quick-setting rate flow nozzle. 2,545,820, Mar. 20.
Lehrer, William: *See*—
De Coriolis, Ernest G., and Lehrer.
Lehrman, Leo A., assignor to American Steel Foundries, Chicago, Ill. Snubbed bolster truck. 2,548,223, Apr. 10.
Lehrman, Leo A., assignor to American Steel Foundries, Chicago, Ill. Snubbed bolster truck. 2,572,634, Oct. 23.
Lehrman, Leo A., assignor to American Steel Foundries, Chicago, Ill. Snubbed bolster truck. 2,578,480, Dec. 11.
Leibing, William E., Los Angeles, Calif. Metering fuel pump. 2,557,508, June 19.
Leibing, William E., Los Angeles, Calif. Electric switch. 2,566,704, Sept. 4.
Leibowitz, Albert, assignee: *See*—
Dean, David M.
Leibowitz, Joseph, Brooklyn, N. Y. Cooking device. 2,561,125, July 17.
Leiby, Howard L., Florin, Pa. Escapeproof animal cage. 2,539,024, Jan. 23.
Leicester, Lionel A.: *See*—
Wright, Charles E., and Leicester.
Leichtle, Eugene M., Milwaukee, Wis. Thermostatically released furnace draft checking safety device. 2,548,267, Apr. 10.
Leiding, Elmer A., W. J. Nelson, and S. Rutka, Orr, Minn. Fishing line drier. 2,550,275, Apr. 24.
Leifer, Charles L., New York, N. Y. Collating machine. 2,542,089, Feb. 20.
Leifer, Lorenz A., assignor to Gisholt Machine Company, Madison, Wis. Collet chuck. 2,543,857, Mar. 6.
Leifer, Lorenz A., assignor to Gisholt Machine Company, Madison, Wis. Forward and reverse drive for lathe spindles. 2,573,152, Oct. 30.
Leigh, Douglas, Inc., assignee: *See*—
Kerwer, Fred.
Leigh, George W., Independence, Mo. Cutter bar for lawn mowers. 2,576,884, Nov. 27.
Leighton, Alexander H., Minneapolis, Minn., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Rotary anode X-ray tube. 2,549,614, Apr. 17.
Leighton, Charles R., Limestone, Maine. Planer blade grinding attachment. 2,579,680, Dec. 25.
Leighton, Jack R., Vancouver, Wash. Device for measuring angular body movements. 2,565,381, Aug. 21.
Leighton, John W., Port Huron, Mich. Wheel suspension and antisway control. 2,554,784, May 29.
Leighton, John W., Port Huron, Mich. Independent wheel suspension and sway control. 2,555,141, May 29.
Leighton, John W., Port Huron, Mich. Bushing. 2,576,885, Nov. 27.
Leighton, Leroy G., Lyndhurst, Ohio, assignor to General Electric Company. Filament support structure for incandescent lamps. 2,565,138, Aug. 21.
Leinen, Arthur P., Chicago, assignor to Benjamin Electric Manufacturing Company, Des Plaines, Ill. Baffle and reflector for lighting fixtures. 2,565,435, Aug. 21.
Leininger, Paul M., Grand Island, and H. Farrell, Niagara Falls, N. Y., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Carburization of ferrous metals. 2,568,860, Sept. 25.
Leinweber, Peter, Vancouver, British Columbia, Canada. Envelope opener. 2,579,744, Dec. 25.
Leiphart, J. Plumer, United States Navy. Coaxial crystal detector and line termination device. 2,557,122, June 19.
Leis, Arthur F., Dayton, Ohio. Fluid pump. 2,564,808, Aug. 21.
Leisen, Frederic A., Grosse Pointe Farms, Mich. Air cleaner and element therefor. 2,558,185, June 26.
Leishman, Le Roy J., Los Angeles, Calif. Apparatus for measuring depth by stereoscopic views. 2,545,622, Mar. 20
Leissler, Lee R., Pasadena, Tex., assignor to Eastman Oil Well Survey Company, Denver, Colo. Deflecting tool. 2,536,452, Jan. 2.
Leister, Grover D., Redwood City, Calif. Folding portable gin pole. 2,557,192, June 19.
Leistner, William E., Brooklyn, A. C. Hecker, Richmond Hill, and O. H. Knoepke, Brooklyn, N. Y., assignors to Argus Chemical Laboratory, Inc. Haze resistant vinyl chloride polymers. 2,564,646, Aug. 14.
Leitch, Francis C. and J. E., Owosso, Mich. Fishhook. 2,543,293, Feb. 27.
Leitch, James E.: *See*—
Leitch, Francis C. and J. E.
Leitch, John D., Shaker Heights, and P. G. White, assignors to The Electric Controller & Mfg. Co., Cleveland, Ohio. Dynamic braking of a single direct-current series motor. 2,575,021, Nov. 13.
Leitman, Aleck, Miami, Fla. Clamping means and device provided therewith. 2,548,483, Apr. 10.
Leitner, Leonidas T., Marion, S. C. Tobacco curing barn. 2,579,681, Dec. 25.
Leitten, Carl F., Hamburg, N. Y., and T. W. Campbell, Poland, Ohio, assignors to Electro Refractories & Alloys Corporation, Buffalo, N. Y. Crucible for metal melting. 2,543,700, Feb. 27 .
Leitz, Ernst, G. m. b. H., assignee: *See*—
Engelmann, Max.
Leitz, Ludwig.
Rinker, Wilhelm.
Schreiber, Eduard.
Wagner, Adam.
Leitz, Ludwig, assignor to E. Leitz, G. m. b. H., Wetzlar/Lahn, Germany. Magnetic lens, especially for electron optical systems. 2,574,115, Nov. 6.
Leitzel, Ammon M., assignor to Future Products, Portland, Oreg. Saw attachment for drills. 2,544,461, Mar. 6.
Leja, Casimir E., Chicago, Ill. Engine. 2,559,079, July 3.
Le Jay Manufacturing Co., assignee: *See*—
Grangroth, Harry B., Leach, and Noll.
Leland Electric Company, The, assignee: *See*—
Moore, Thomas W.
Wiseman, Walter S.
Leland, George H., Dayton, Ohio. Electromagnetically operated device. 2,539,090, Jan. 23.
Leland, George H., Dayton, Ohio. Winding layer wound magnet coils. 2,559,824, July 10.
Leland, George H., Dayton, Ohio. Motion converting device. 2,566,571, Sept. 4.
Leland, George H., Dayton, Ohio. Alternating-current rectifier of the selenium type. 2,571,588, Oct. 16.
Leland-Gifford Company, assignee: *See*—
Hirvonen, Eric J.
Pihl, Arvo E.
Leland, Hollis L.: *See*—
Morway, Arnold J., Leland, and Duncan.
Leland Stanford Junior University, The Board of Trustees of the, assignee: *See*—
Hansen, William W., and Varian.
Varian, Russell H., and Packard.
Le Laurin, Louis A., San Antonio, Tex. Garbage compressing truck body. 2,557,003, June 12.
Leline, Arnold W., assignor, by mesne assignments, to Admiral Corporation, Chicago, Ill. Phonograph record changer. 2,536,453, Jan. 2.
Leliter, Chester P., Springfield, Ill., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Detachable mounting means for wheel supported swing frames. 2,554,785, May 29.
Lellep, Otto G., Berkeley, Calif. Manufacturing wet process cement. 2,580,235, Dec. 25.
Lelong, Jean, Claye-Souilly, assignor to Procedes Sauter, Paris, France. Visible indicator for electric apparatus. 2,540,895, Feb. 6.
Lely, Jan A. and T. W. van Rijssel, Eindhoven, Netherlands, assignors to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Tubular X-ray diaphragm. 2,558,492, June 26.
Lemaigre-Voreaux, Pierre, assignor to Societe Anonyme pour les Applications de l'Electricite et des Gaz Rares-Etablissements Claude-Paz et Silva, Paris, France. Electric discharge switch. 2,542,149, Feb. 20.

Le Maire Tool & Manufacturing Company, assignee: *See*— Harding, Lloyd V.
Lemaire, Maurice H., Paris, France. Sighting device for the leveling of railway tracks. 2,565,382, Aug. 21.
Leman, Donald L., Freeland, and J. J. Casey, assignors to The Dow Chemical Company, Midland, Mich. Magnesium alloy. 2,546,931, Mar. 27.
Lemay, Arthur, Ozone Park, N. Y. Lens beveling machine. 2,575,022, Nov. 13.
Le May, Carl F., assignor to Ex-Cell-O Corporation, Detroit, Mich. Micrometrically adjustable boring tool. 2,537,274, Jan. 9.
Lembo, Concetta E. M., Brooklyn, N. Y. Adjustable waistband. 2,544,333, Mar. 6.
Lemel Corporatiou, The, assignee: *See*— Melius, Le Roy M.
Lemieux, Alberta, assignee: *See*— Colburn, Lawrence E.
Lemire, Edwin A., Providence, R. I. Partitioned cigarette case with spring operated closures. 2,567,218, Sept. 11.
Lemke, William, Antioch, Ill. Pinball game-controlled racing game apparatus. 2,547,164, Apr. 3.
Lemley, Ivan D., assignee: *See*— Mallory, Louis V.
Lemm, Gotthard J., Tacoma, Wash. Mold for casting columnar building blocks. 2,554,110, May 22.
Lemm, Robert W., Grass Lake, Mich. Bail type closure fastening means. 2,543,977, Mar. 6.
Lemmens, Hendricus J., and E. G. Dorgelo, Eindhoven, Netherlands, assignors to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Vacuum-tight seal for electrical apparatus and forming such seals. 2,561,520, July 24.
Lemmens, Hendricus J., M. J. Jansen, and R. Loosjes, Eindhoven, Netherlands, assignors to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Incandescible cathode. 2,543,728, Feb. 27.
Lemmon, Alexis W., Upper Arlington, Ohio, assignor to Jervis B. Webb Company, Detroit, Mich. Center link for rivetless chains. 2,552,897, May 15.
Lemmon, Alexis W., Upper Arlington, Ohio, assignor to The Jeffrey Manufacturing Company. Chain having rollers forming its conveying surface. 2,554,038, May 22.
Lemmon, George N.: *See*— Christian, Frank S., Jr., and Lemmon.
Lemmon, Paul E., and A. J. Johnson, San Fernando, Calif. Combination of rotary furrower and press wheels. 2,577,775, Dec. 11.
Lemmon, Robert P., assignor to Consolidated Vultee Aircraft Corporation, San Diego, Calif. Liquid applicator for paper sheets. 2,541,591, Feb. 13.
Lemon, Robert C., Chicago, Ill., assignor to Maxwell Brothers, Inc. Shipping box for clothing. 2,538,204, Jan. 16.
Lemos, Manuel G., New York, N. Y. Line producing device for typewriters. 2,541,705, Feb. 13.
Lemoyne, Samuel N., Ventnor, N. J. Indicating device for improving skill in golf. 2,575,668, Nov. 20.
Lemp, Robert J., Woodhaven, N. Y. Smoking pipe. 2,576,796, Nov. 27.
Lempert, Irving E., Maywood, assignor to Allen B. Du Mont Laboratories, Inc., Passaic, N. J. Ion trap magnet. 2,580,355, Dec. 25.
Lems, Hendrik, Eindhoven, Netherlands, assignor, by mesne assignments, to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Photoelectric tube 2,553,197, May 15.
Lenci, Raymond: *See*— Lenci, Victor and R.
Lenci, Victor and R., San Rafael, Calif. Conversion arrangement coupé trunk to pickup body. 2,552,898, May 15.
Lenehan, Bernard E., Bloomfield, N. J., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Instrument balance mechanism. 2,575,720, Nov. 20.
Lenehan, Bernard E., Bloomfield, N. J., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Frequency modulator. 2,579,590, Dec. 25.
Lenel, Fritz V., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Impregnated ferrous gear. 2,561,579, July 24.
Lengyel, Bela A., Washington, D. C. Phosphorescent screen for radio wave detection. 2,546,160, Mar. 27.
Lenhart, Bernard B., Mill Valley, and M. W. McGrath, San Francisco, Calif. Nonjamming feed mechanism for nut shelling machines. 2,564,983, Aug. 21.
Lenihan, Robert E.: *See*— Westfall, Robert W., and Lenihan.
Lenk, Wilhelm: *See*— Bochmann, Otto, Schroder, and Lenk.
Lenkurt Electric Co., Inc., assignee: *See*— Appert, Kurt E. Erickson, Lennart G.
Lennberg, Frank A., Jr., Summit Township, Erie County, Pa. Toy gun. 2,548,984, Apr. 17.
Lennon, Frances A., heir and assignee: *See*— Baskerville, Benjamin J.
Lennon, James W., St. Paul, Minn., assignor, by mesne assignments, to Shellmar Products Corporation, Chicago, Ill. Egg carton. 2,569,681, Oct. 2.
Lennox Furnace Co., The, assignee: *See*— Wilson, John A.
Lennox, George C., Salem, Mass., assignor to General Electric Company. Sewing machine. 2,572,635, Oct. 23.
Lennox, Peter W.: *See*— McWhirter, Eric M. S., Dunn, and Lennox.
Lennox, Thomas H., Pittsfield, Mass., assignor to General Electric Company. Heating device. 2,552,193, May 8.
Lennox, Thomas H., Pittsfield, Mass., assignor to General Electric Company. Igniter. 2,575,113, Nov. 13.
Lennstrom, Arthur E.: *See*— Hoffmann, Walter L., and Lennstrom.
Lennström, Karl V., assignor to Reymersholms Gamla Industri Aktiebolag, Halsingborg, Sweden. Cooling device and a method for transferring molten aluminum sulphate into solid pieces by using the device. 2,570,572, Oct. 9.
Leno, John A., London, England, assignor to International Standard Electric Corporation, New York, N. Y. Electrical connections and circuits and their manufacture. 2,547,022, Apr. 3.
Le Noir, Chester W., San Francisco, Calif. Container for paste-like substance having a perforated piston which extrudes said substance when moved axially towards the container bottom. 2,556,547, June 12.
Lens-Block Corporation, assignee: *See*— Suben, Morten.
Lense, Ralph J., Deerfield, assignor to Motorola, Inc., Chicago, Ill. Man-pack antenna. 2,576,128, Nov. 27.
Lense, Ralph J., Deerfield, and A. S. Holzinger, Chicago, Ill., assignors to Motorola, Inc. Selective calling system. 2,547,023, Apr. 3.
Lensner, Herbert W., East Orange, and S. L. Goldsborough, Basking Ridge, N. J., and R. C. Cheek, Pittsburgh, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Carrier-current phase-angle relaying system. 2,539,444, Jan. 30.
Lent, Edward B., Downers Grove, assignor to N. S. and S. Andrews, and E. B. Lent, Chicago, Ill., trustees of Sansa Enterprises. Forming and drawing press. 2,547,331, Apr. 3.
Lent, Herbert, Eldorado, Kans. Mixing trowel. 2,561,521, July 24.
Lento, Louis L., Jr., Springdale, and D. W. Jayne, Jr., Old Greenwich, Conn., assignors to American Cyanamid Company, New York, N. Y. Making alkali metal cyanates. 2,546,551, Mar. 27.
Lentz, Clarence J.: *See*— Handwerk, Erwin C., and Lentz.
Lentz, John A., Phoenix, Ariz. Parallelometer chuck. 2,544,097, Mar. 6.
Lentz, Lawrence E., New Canaan, Conn., assignor to Underwood Corporation, New York, N. Y. Machine foot and anchorage. 2,549,692, Apr. 17.
Lenz, Arthur E. F., deceased, Larsen, Wis.; L. Lenz, administratrix. Onion topper. 2,553,519, May 15.
Lenz, Herbert R.: *See*— Lenz, William A., and H. R.
Lenz, Joseph, Represa, Calif. Electric picking device for stringed instruments. 2,550,276, Apr. 24.
Lenz, Lionel C., assignor to S. Pass, Chicago, Ill. Furniture slip cover. 2,551,214, May 1.
Lenz, Lovella, administratrix: *See*— Lenz, Arthur E. F.
Lenz, Walter H.: *See*— Riegel, Glen C., Alexander, and Lenz.
Lenz, William A., and H. R., Lebanon, Mo. Photoprint washer. 2,577,136, Dec. 4.
Lenzinger Zellwolle- und Papierfabrik Aktiengesellschaft, assignee: *See*— Kleinert, Theodor.
Leo, Herbert S., and R. J. Petersen, assignors to Utility Appliance Corp., Los Angeles, Calif. Sheet metal gas burner with grid outlet member. 2,541,428, Feb. 13.
Leo, Herbert T., and C. C. Taylor, Anaheim, Calif. Enzymatic method of making pectic preparation. 2,540,050, Jan. 30.
Leo, Herbert T., and C. C. Taylor, Anaheim, Calif. Testing pectic substances. 2,557,053, June 12.
Leo, Joseph C., Oelwein, Iowa. Sterilizer. 2,566,027, Aug. 28.
Leon, Isolina I., Massepequa, N. Y. Hair curler clip. 2,573,582, Oct. 30.
León, Pedro, Habana, Cuba. Demijohn filter. 2,541,524, Feb. 13.
Leon, Peter R., Schooleys Mountain, N. J. Trailer hitch. 2,558,906, July 3.
Leonard, Albert J., Sr., Glendale, Calif. Retractable handle type closure lock. 2,536,295, Jan. 2.
Leonard, Arthur G., Jr., Wilmington, Ill. Manufacture of waterproof paper. 2,544,887, Mar. 13.
Leonard, Charles A., Cincinnati, Ohio. Magnetic electric iron. 2,554,111, May 22.
Leonard, Charles H.: *See*— Oas, Carl B., and Leonard.
Leonard, Christian J., New York, N. Y. Holder for waste disposal containers. 2,574,270, Nov. 6.
Leonard, David E., assignor to American Machinery Corporation, Orlando, Fla. Produce treating apparatus. 2,543,915, Mar. 6.
Leonard, Edward H., Schenectady, N. Y. Novelty house number. 2,546,227, Mar. 27.
Leonard, Frank D.: *See*— Weaver, Maxwell C., and Leonard.

Leonard, Frederick, Brooklyn, assignor to Warner-Hudnut, Inc., New York, N. Y. Aminoalkyl-2-thienyl-cycloalkenyl acetate. 2,561,385, July 24.
Leonard, George H., Darien, assignor to C. G. S. Laboratories, Inc., Stamford, Conn. Grooving tool. 2,547,915, Apr. 3.
Leonard, George H., Fairfield, assignor to A. A. Johnson, Bridgeport, Conn., as trustee. Electric toaster. 2,562,535, July 31.
Leonard, Harry M., Los Angeles, Calif. Introducing vibrato effects into sound. 2,565,033, Aug. 21.
Leonard, John M., Cedar Rapids, Iowa. Folding dinette table and benches. 2,559,021, July 3.
Leonard, John R., Washington, D. C. Pipe wrench. 2,574,834, Nov. 13.
Leonard, Joseph, and H. M. Ihsen, Allentown, Pa., assignors to Charis Corporation. Foundation garment. 2,565,453, Aug. 21.
Leonard, Merrill G.: *See*—
Putman, Henry V., Leonard, Grafinger, and Guidosh.
Leonard, Merrill G., Sharon, and G. Y. Hager, Sharpsville, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Lightning arrester. 2,546,006, Mar. 20.
Leonard, Nelson J., Urbana, Ill. Synthesis of dl-sparteine. 2,561,326, July 24.
Leonard, Nelson J., Urbana, Ill. Synthesis of dl-sparteine. 2,561,327, July 24.
Leonard, Nelson J., Urbana, Ill. Synthesis of dl-sparteine. 2,561,328, July 24.
Leonard, Obie P., Fort Worth, Tex. Air cooling installation for automobiles. 2,561,876, July 24.
Leonard Refineries, Inc., assignee: *See*—
Carnell, Paul H.
Stedman, Russell F.
Leonard, Summers L., Sr., assignor of one-half to R. H. Russell, Johnson City, Tenn. Metal-reenforced plastic bowling pin. 2,551,272, May 1.
Leonard, Thomas J., Wakefield, Nebr. Cultivator attachment for tractors. 2,557,443, June 19.
Leonard, Walker A., New York, N. Y. Glue dispenser. 2,574,645, Nov. 13.
Leonard, William R., Castle Rock, Wash. Safety pulley shackle. 2,551,803, May 8.
Leonelli, Bruno: *See*—
Chester, Allan E., and Leonelli.
Leonetti, François, and F. Tasso, Paris, France. Combined ampoule and injection syringe. 2,552,100, May 8.
Leontis, Thomas E., assignor to The Dow Chemical Company, Midland, Mich. Magnesium alloy. 2,569,477, Oct. 2.
Leonzo, John, assignee: *See*—
Weaver, James C.
Leopaldi, Michele, New York, N. Y. Combination leather and rubber heel. 2,547,711, Apr. 3.
Leopold, Robert, Philadelphia, and A. Breau, Yeadon, Pa., assignors to Thermoscopic Spray Sales. Thermometer combined with spray head. 2,579,150, Dec. 18.
Le Page's Inc., assignee: *See*—
Kunze, Walter G., and Evans.
Leperre, Jean E. L., Edegem, Belgium. Receptacle with elastic bag insert and system for filling and emptying the same. 2,564,163, Aug. 14.
Lepersonne, Octave, Brussels, Belgium. Self-energizing brake. 2,554,039, May 22.
Lepicard, Etienne M. J., Neuilly-sur-Seine, France. Device for controlling the level of liquids. 2,561,580, July 24.
Lepie, Myron P., New Rochelle, N. Y. Decoration of ceramic ware. 2,566,735, Sept. 4.
Lepkowski, Thomas W., New York, N. Y. Cap remover and retainer. 2,564,536, Aug. 14.
Lepkowski, Thomas W., New York, N. Y. Manufacturing pen points. 2,567,608, Sept. 11.
Lepp, Jack M., Columbus, Ohio, and J. A. Slyh, Denver, Colo., assignors, by mesne assignments, to Battelle Development Corporation, Columbus, Ohio. Making refractory bodies. 2,568,157, Sept. 18.
Lepper, George R., Chicago, Ill. Cooling system for automobiles. 2,557,004, June 12.
Leppert, Melvin L., Washington, D. C. Modulation system. 2,549,828, Apr. 24.
"Le Progrès Industriel, Société Anonyme," assignee: *See*—
Rumpf, Martin H.
Lerbs, Alfred, Paris, France, assignor to Compagnie Generale de Telegraphie Sans Fil. Tube of the magnetron type for ultra-short waves. 2,566,087, Aug. 28.
Lerch, Brooke W., Baltimore, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Apparatus for locking tubular members on shafts. 2,561,745, July 24.
Le Rette, Jerome H., Palos Heights, Ill. Buffer. 2,546,102, Mar. 20.
Lerma, Stephen, Flushing, N. Y. Fabric covered buckle. 2,577,898, Dec. 11.
Lermont, Basil, assignor to Sutton Patents, Inc., New York, N. Y. Panel control. 2,543,785, Mar. 6.
Lermont, Basil, assignor, by mesne assignments, to Eastern Metals Research Co., Inc., New York, N. Y. Toaster. 2,553,593, May 22.
Lermont, Basil, assignor to Sutton Patents, Inc., New York, N. Y. Metal cover. 2,576,613, Nov. 27.
Lermont, Basil, New York, and L. R. Birdsall, Sloatsburg, assignors, by mesne assignments, to Eastern Metals Research Co., Inc., New York, N. Y. Window actuating mechanism. 2,560,179, July 10.
Le Roi Company, assignee: *See*—
Feucht, Albert.
Le Roy, Raymond B., United States Navy. Deflection circuit. 2,576,948, Dec. 4.
Lerstrup, Karl, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Controlling electric arcs. 2,538,370, Jan. 16.
Lerstrup, Karl, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Electric protective system with inrush current compensation. 2,551,022, May 1.
Lerstrup, Karl, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Electric switch. 2,555,799, June 5.
Lescallette, Richard F., Sewickley, assignor to Armstrong Cork Company, Lancaster, Pa. Work holder for hollow radially expansible materials. 2,541,078, Feb. 13.
Lesesne, Sherman D., Worcester, Mass., assignor, by mesne assignments, to Allied Process Corporation, New York, N. Y. Method of and apparatus for the production of boron hydrides. 2,553,198, May 15.
Les Fils de Peugeot Freres, assignee: *See*—
De la Source, Charles.
Les Glaceries de la Sambre, Societe Anonyme, assignee: *See*—
Laverdisse, Edmond J. G., and Lorneau.
Lesher, Robert B.: *See*—
Greene, Claude E., and Lesher.
Lesher, William C., Pittsfield, Mass., assignor to General Electric Company. Electric switch. 2,574,400, Nov. 6.
Lesher, William C., Pittsfield, Mass., assignor to General Electric Company. Electric switch. 2,574,401, Nov. 6.
Lesigne, Henri L.: *See*—
Dauvin, Jean C. M. R., and Lesigne.
Lesigne, Henri L., Vanves, assignor to Compagnie Generale d'Electricite, Paris, France. Telephone system with party lines. 2,540,896, Feb. 6.
Leskinen, David, deceased, San Francisco, Calif.; L. Leskinen, administratrix. Helicopter. 2,568,645, Sept. 18.
Leskinen, Lempi, administratrix: *See*—
Leskinen, David.
Leskovec, Frank A.: *See*—
Smith, Merton, and Leskovec.
Leslie, Arthur Y., Detroit, Mich. Fish holding implement. 2,561,283, July 17.
Leslie, Eugene H., Ann Arbor, Mich. Desolventizing of solvent-extracted solid particles. 2,571,143, Oct. 16.
Leslie, Donald J., Wilmar, Calif. Rotatable tremulant sound producer. Re. 23,323, Jan. 9.
Lesniak, Edward J., Detroit, Mich. Utility mixer attachment for tractors. 2,545,236, Mar. 13.
Lesniak, Frank G., assignor to Masonite Corporation, Laurel, Miss. Plural intermeshing feed or press screws. 2,567,219, Sept. 11.
Lesniak, Stanley J., Chicago, Ill. Apparatus for determining the number of turns in electrical coils. 2,540,398, Feb. 6.
Lesnick, Max L., Cleveland Ohio. Dispensing nozzle with measuring chamber and counter, nonremovable attachment to a bottle neck, and valved dispensing and vent outlets for said chamber. 2,566,669, Sept. 4.
Lessard, Emery R., assignee: *See*—
Nicholson, Albert N.
Lessard, Ernest L., Sherbrooke, Quebec, Canada. Apparatus for heating the human body without any external power. 2,551,142, May 1.
Lessells and Associates, Inc., assignee: *See*—
Hewson, Thomas A.
Lessmann, Gerhard P., Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Thrust bearing damper. 2,561,987, July 24.
Lessmann, Gerhard P., Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Retaining band for armatures. 2,565,139, Aug. 21.
Lester, Burton R., Camillus, N. Y., assignor to General Electric Company. Electronic switching circuit. 2,554,994, May 29.
Lester, Edward: *See*—
Davis, Lewis R., and Lester.
Lester Engineering Company, assignee: *See*—
Lester, Nathan and T. J.
Lester, Thomas J.
Lester, John M., Hempstead, N. Y., assignor to The Sperry Corporation. Data presentation apparatus. 2,548,900, Apr. 17.
Lester, John M., Hempstead, N. Y., assignor to The Sperry Corporation. Pulse echo direction and distance indicator. 2,570,251, Oct. 9.
Lester, John M., Rockville Centre, and J. R. Wilkerson, Bayside, N. Y., assignors to The Sperry Corporation. Gate generator. 2,537,065, Jan. 9.
Lester, Nathan, Shaker Heights, and T. J. Lester, University Heights, assignors to Lester Engineering Company, Cleveland, Ohio. Casting machine. 2,543,503, Feb. 27.
Lester, Thomas J.: *See*—
Lester, Nathan and T. J.
Lester, Thomas J., Shaker Heights, assignor to Lester Engineering Company, Cleveland, Ohio. Variable delivery alternating piston pump. 2,565,860, Aug. 28.

Lester, Thomas O., Downers Grove Township, Du Page County, Ill., assignor to Kold-Hold Manufacturing Co., Lansing, Mich. Plate type refrigerant evaporator. 2,573,583, Oct. 30.

Lesti, Arnold, Brooklyn, assignor, by mesne assignments, to International Standard Electric Corporation, New York, N. Y. Electrical translation system. 2,556,200, June 12.

Le Suer, William M.: *See*—
Campaigne, Ernest E., and Le Suer.

Le Sueur, Francis H., London, England. Closure for non-refillable bottles. 2,572,939, Oct. 30.

Lesueur, Jules, Sevres, France. Change-speed device. 2,560,180, July 10.

Les Usines de Melle (Societe Anonyme), assignee: *See*—
Chassaing, Pierre, and Biarnais.
Guinot, Henri M.
Maincon, Maurice.
Vergnaud, Paul.

Les Veaux, John F., Middleport, N. Y., assignor to Food Machinery and Chemical Corporation. Air swept rotary beater and separator with oversize-material return tube means to the air inlet. 2,552,565, May 15.

Letelier, Pablo, Santiago, Chile. Indexing mechanism. 2,545,408, Mar. 13.

Leterstone Sales Co., assignee: *See*—
Juergens, John.

Leto, Armetia, Long Island City, and F. Bartnik, Woodside, N. Y. Pregnancy abdominal pillow and casing. 2,562,725, July 31.

Le Tourneau, R. G., Inc., assignee: *See*—
Le Tourneau, Robert G.
Meyer, John C.
Roe, Charles C.

Le Tourneau, Robert G., Longview, Tex., assignor to R. G. Le Tourneau, Inc., Stockton, Calif. Retractable corner unit for inner form sections. 2,538,970, Jan. 23.

Le Tourneau, Robert G., Longview, Tex., assignor to R. G. Le Tourneau, Inc., Stockton, Calif. Constant mesh transmission. 2,553,376, May 15.

Le Tourneau, Robert G., Longview, Tex., assignor to R. G. Le Tourneau, Inc., Stockton, Calif. Final drive construction for tractors. 2,557,444, June 19.

Le Tourneau, Robert G., Longview, Tex., assignor to R. G. Le Tourneau, Inc., Stockton, Calif. Scraper bowl structure. 2,565,247, Aug. 21.

Le Tourneau, Robert G., Longview, Tex., assignor to R. G. Le Tourneau, Inc., Stockton, Calif. Portable adjustable traversable-boom tree saw. 2,566,088, Aug. 28.

Le Tourneau, Robert G., Longview, Tex., assignor to R. G. Le Tourneau, Inc., Peoria, Ill. Self-propelled logging arch. 2,572,636, Oct. 23.

Le Tourneau, Robert G., Longview, Tex., assignor to R. G. Le Tourneau, Inc., Peoria, Ill. Load discharging unit for vehicles. 2,573,584, Oct. 30.

Le Tourneau, Robert G., Longview, Tex., assignor to R. G. Le Tourneau, Inc., Stockton, Calif. Grab unit. 2,573,667, Oct. 30.

Le Tourneau, Robert G., Longview, Tex., assignor to R. G. Le Tourneau, Inc., Stockton, Calif. Heavy-duty mobile crane. 2,574,646, Nov. 13.

Le Tourneau, Robert G., Longview, Tex., assignor to R. G. Le Tourneau, Inc., Stockton, Calif. Hitch for earth compacting unit. 2,579,839, Dec. 25.

Le Tourneau, Robert G., Peoria, Ill., assignor to R. G. Le Tourneau, Inc., Stockton, Calif. Mobile circular tree saw. 2,538,371, Jan. 16.

Le Tourneau, Robert G., Peoria, Ill., assignor to R. G. Le Tourneau, Inc., Stockton, Calif. Automotive dump wagon. 2,561,211, July 17.

Letts Drop Forge, Inc., assignee: *See*—
Howlett, Thomas W.

Letts, George P., assignee: *See*—
Andrews, Irving.

Lettes, Louis: *See*—
Hutkin, David L., and Lettes.

Letvin, Samuel: *See*—
Bonvillian, Claude A., Brierly, and Letvin.

Leu, Harry E., Bellflower, Calif. Valve assembly hand tool. 2,554,623, May 29.

Leufvén, Axel G. E., Goteborg, Sweden. Hydraulic tensioning nut. 2,571,265, Oct. 16.

Leumi, Igo, Bronx, N. Y. Garment hanger. 2,538,971, Jan. 23.

Leupold, Marcus, assignor to Leupold & Stevens Instruments, Portland, Oreg. Telescope sight and reticule and cam adjusting means therefor. 2,539,256, Jan. 23.

Leupold, Marcus, assignor to Leupold & Stevens Instruments, Inc., Portland, Oreg. Telescope mount with snap rings. 2,548,031, Apr. 10.

Leupold & Stevens Instruments, assignee: *See*—
Leupold, Marcus.

Leupold & Stevens Instruments, Inc., assignee: *See*—
Leupold, Marcus.

Leuschner, Kurt A., Seaside, assignor to H. A. Irving, Atherton, Calif. Filleting fish. 2,552,984, May 15.

Leuschner, Kurt A., Seaside, assignor to H. A. Irving, Atherton, Calif. Apparatus for filleting fish. 2,552,985, May 15.

Leustig, Benno B., Cleveland, Ohio. Height gauge. 2,565,140, Aug. 21.

Leuthner, Frank J., Sharpsville, Pa. Extractor. 2,539,543, Jan. 30.

Leuzarder, John B., Verona, J. J. Aakjer, Roselle, and W. J. Knochel, East Orange, N. J., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Glass-to-metal seal and making the seal. 2,561,061, July 17.

Lev, Harry, Chicago, Ill. Uniform cap. 2,536,134, Jan. 2.

Lev, Harry, Chicago, Ill. Uniform cap. 2,536,135, Jan. 2.

Lev, Harry, Chicago, Ill. Uniform cap. 2,555,348, June 5.

Lev, Harry, Chicago, Ill. Uniform cap. 2,575,114, Nov. 13.

Lev, Harry, Chicago, Ill. Uniform cap. 2,579,196, Dec. 18.

Le Van, Ambrose E., Sellersville, Pa., assignor to American Machine and Metals, Inc., New York, N. Y. Compass. 2,552,332, May 8.

Le Van, Ambrose E., Sellersville, Pa., assignor to American Machine and Metals, Inc., New York, N. Y. Fluid separating diaphragm in fitting for pressure gauges. 2,568,238, Sept. 18.

Le Var, Sam L.: *See*—
Prince, Lollie E., and Le Var.

Levaur, Bernard D., and E. D. Altree, assignors to Pittsburgh Reflector Company, Pittsburgh, Pa. Luminaire having end members and quickly detachable side panels. 2,566,845, Sept. 4.

Levay, Eugene, New York, N. Y. Toy stick horse. 2,571,266, Oct. 16.

Levee, Harry A., New York, N. Y. Signal tab-removing device. 2,548,484, Apr. 10.

Leven, Milton M.: *See*—
Minter, Herbert F., and Leven.

Leven, Richard R., New York, N. Y., assignor to The Englander Company, Inc., Chicago, Ill. Construction for connecting wire members together and producing and assembling the same. 2,574,572, Nov. 13.

Levendusky, Margaret, Bayonne, N. J. Staple puller. 2,553,660, May 22.

Levene, George, Chestnut Hill, Mass. Apparatus for conveying fluid under pressure to an interiorly located cavity. 2,564,809, Aug. 21.

Lévêque, Albert, Geneva, Switzerland. Clasp for bracelets and the like. 2,565,034, Aug. 21.

Lever Brothers Company, assignee: *See*—
Bodman, John W., Squire, and Busby.
Foster, Henry E., and Lacey.
Owen, Ronald V.
Paterson, William J.
Rider, Theodore H., and Gershon.
Stokla, Hermanus K., and van Dalfsen.
Taylor, Reginald J.
Wilson, Arthur D., and Oakley.

Lever, Harry J., Racine, Wis. Glass washer. 2,571,902, Oct. 16.

Lever, T. H., Sr., assignee: *See*—
Corbitt, Arthur R.

Leverenz, Humboldt W.: *See*—
Harvey, Robert L., and Leverenz.

Leverenz, Humboldt W., Princeton, N. J., assignor to Radio Corporation of America. Tube and system for viewing invisible radiations. 2,563,472, Aug. 7.

Leverenz, Humboldt W., and R. L. Harvey, Princeton, N. J., assignors to Radio Corporation of America. Magnetic materials. 2,565,861, Aug. 28.

Leverenz, Humboldt W., and I. J. Hegyi, Princeton, N. J., assignors to Radio Corporation of America. Material having improved magnetic property. 2,579,267, Dec. 18.

Leveridge, Walter J., Tuckahoe, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Pneumatic operating clutch device. 2,546,365, Mar. 27.

Leveridge, Walter J., Tuckahoe, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Winding mechanism for tight winding paper tape on spools. 2,547,399, Apr. 3.

Levering, William C., Martinsville, N. J. Illuminated toy unit. 2,544,034, Mar. 6.

Levering, William C., Martinsville, N. J. Toy railroad track and roadbed unit. 2,562,623, July 31.

Le Vesconte, Harold J., assignee: *See*—
Van Der Wilt, Arnold.

Levesque, Charles L.: *See*—
De Benneville, Peter L., and Levesque.

Levesque, Charles L., assignor to Rohm & Haas Company, Philadelphia, Pa. Preparation of dihydrocoumarins. 2,542,965, Feb. 20.

Levesque, Charles L., Philadelphia, Pa., assignor to Rohm & Haas Company, Philadelphia, Pa. Preparation of thioamides. 2,560,296, July 10.

Levesque, Charles L., assignor to Rohm & Haas Company, Philadelphia, Pa. Hydroxyalkylhydroperoxides. 2,568,682, Sept. 18.

Levesque, Charles L., assignor to Rohm & Haas Company, Philadelphia, Pa. Alpha-hydroxydecanoic acid. 2,569,422, Sept. 25.

Levesque du Rostu, Georges, assignor to Societe Anonyme Andre Citroen, Paris, France. Engine starting device. 2,555,451, June 5.

Levesque, George N., Cranston, R. I., assignor to Brown and Sharpe Manufacturing Company. Straightedge. 2,547,647, Apr. 3.
Levesque, Renaud J., Prospect, Conn. Illuminated electric clock. 2,536,557, Jan. 2.
Levetus, Francis B., and G. E. Chittenden, assignors to The Keelavite Company Limited, Coventry, England. Pump and motor hydraulic transmission system. 2,536,558, Jan. 2.
Levin, Abraham J., Franklin, Mich. Variable buoyancy lift. 2,537,143, Jan. 9.
Levin, Abraham S., Philadelphia, Pa. Warming table. 2,563,253, Aug. 7.
Levin, Arthur, assignor to Cossor Radar Limited, London, England. Writing telegraph system. 2,565,612, Aug. 28.
Levin, Ezra, Champaign, and E. M. Worsham, Monticello, Ill., said Worsham assignor to said Levin. Simultaneous defatting and dehydrating of fatty substances. 2,539,544, Jan. 30.
Levin, Harold L., Nutley, N. J. Volatilizing apparatus. 2,537,357, Jan. 9.
Levin, Henry H., Newark, N. J. Cutter. 2,555.142, May 29.
Levin, Irvin, Asbury Park, N. J., assignor to the United States of America as represented by the Secretary of War. Nonemitting electron tube grid. 2,576,129, Nov. 27.
Levin, Irvin, Baltimore, Md. Rectifier. 2,547,951, Apr. 10.
Levin, Joseph, Baltimore, Md., assignor to Eichenbaum Umbrella, Co., Inc., New York, N. Y. Umbrella steamer. 2,539,445, Jan. 30.
Levin, Louis J.: *See*—
Hacken, Herbert, and Levin.
Levin, Max E., assignee: *See*—
Romolt, Abe.
Levin, Minnie, assignee: *See*—
Rockoff, Edward.
Levin, Nathan: *See*—
Kolloff, Harold G., and Levin.
Levin, Robert H., assignor to The Upjohn Company, Kalamazoo, Mich. 17-ketosteroid mercaptols. 2,550,702, May 1.
Levin, Robert H., assignor to The Upjohn Company, Kalamazoo, Mich. Ozonization of adducts of dehydroergosteryl esters. 2,575,350, Nov. 20.
Levin, Robert H., A. V. McIntosh, Jr., and G. B. Spero, assignors to The Upjohn Company, Kalamazoo, Mich. Metal oxide treatment of 3-formoxy steroids. 2,538,731, Jan. 16.
Levin, Robert H., A. V. McIntosh, Jr., and G. B. Spero, assignors to The Upjohn Company, Kalamazoo, Mich. Preparation of steroid alcohols. 2,540,681, Feb. 6.
Levin, Robert H., A. V. McIntosh, Jr., and G. B. Spero, assignors to The Upjohn Company, Kalamazoo, Mich. Preparation of steroid alcohols from steroid aldehydes. 2,551,444, May 1.
Levin, Robert H., A. V. McIntosh, Jr., and G. B. Spero, assignors to The Upjohn Company, Kalamazoo, Mich. 22-aryl-bisnor-4-cholene-22-ol-3-ones. 2,554,995, May 29.
Levin, Robert H., A. V. McIntosh, Jr., and G. B. Spero, assignors to The Upjohn Company, Kalamazoo, Mich. 22-monoaryl-bisnor-4,20 :22-choladiene-3-ones. 2,554,996, May 29.
Levin, Robert H., A. V. McIntosh, Jr., and G. B. Spero, assignors to The Upjohn Company, Kalamazoo, Mich. 22-acyloxy-22-monoaryl-bisnor-4-cholene-3-ones. 2,554,997, May 29.
Levin, Robert H., A. V. McIntosh, Jr., and G. B. Spero, assignors to The Upjohn Company, Kalamazoo, Mich. Steroid hydroxythioesters. 2,566,341, Sept. 4.
Levin, Robert H., A. V. McIntosh, Jr., and G. B. Spero, assignors to The Upjohn Company, Kalamazoo, Mich. Steroid thioesters. 2,566,342, Sept. 4.
Levin, Robert H., A. V. McIntosh, Jr., and G. B. Spero, assignors to The Upjohn Company, Kalamazoo, Mich. 24-aryl-5,23-choladienes. 2,575,351, Nov. 20.
Levin, Robert H., assignor to The Upjohn Company, Kalamazoo, Mich. Adducts of 9,11-oxido-bisnorcholadienic acids. 2,576 949, Dec. 4.
Levin, Robert H., A. V. McIntosh, Jr., and G. B. Spero, assignors to The Upjohn Company, Kalamazoo, Mich. 3,22 - diacyloxy - 5,7,9(11),20(22) - bisnorcholatetraenes. 2,577,776. Dec. 11.
Levin, Robert H., A. V. McIntosh, Jr., and G. B. Spero, assignors to The Upjohn Company, Kalamazoo, Mich. 3,20-diacyloxy-5,7,9(11),17(20)-pregnatetraenes. 2,577,777, Dec. 11.
Levin, Robert H., G. B. Spero, and J. L. Thompson, assignors to The Upjohn Company, Kalamazoo, Mich. Preparation of 4,6,8(9),11-pregnatetraen-3,20-dione. 2,577,778, Dec. 11.
Levine, Abraham, Elizabeth, N. J. Combined side catch and lock for bag frames. 2,565,862, Aug. 28.
Levine, Arnold M.: *See*—
Grieg, Donald D., and Levine.
Levine, Daniel, Dayton, Ohio. Scanning system. 2,552,566, May 15.
Levine, Hillel, assignee: *See*—
Levine, Paul.
Levine, Irving I., assignor to The Hercules Trouser Company, Columbus, Ohio. Trouser waistband construction. 2,549,693, Apr. 17.
Levine, Jack C., New York, N. Y. Toothbrush. 2,556,500, June 12.
Levine, James, assignee: *See*—
Levine, Paul.
Levine, Julius, Brooklyn, N. Y. Spring-urged expansible strap of leather or the like. 2,541,706, Feb. 13.
Levine, Morris, Brooklyn, N. Y. Viewer and water sprayer. 2,551,955, May 8.
Levine, Morris, Brooklyn, N. Y. Talking doll. 2,555,800, June 5.
Levine, Morris, Brooklyn, N. Y. Life preserver. 2,563,122, Aug. 7.
Levine, Morris, New York, N. Y. Water heater. 2,554,338, May 22.
Levine, Paul, New York, assignor of one-third to Hillel Levine, Brooklyn, and one-third to James Levine, Flushing N. Y. Web aligning device. 2,570,695, Oct. 9.
Levine, Paul, New York, assignor of one-third to Hillel Levine, Brooklyn, and one-third to James Levine, Flushing, N. Y. Device for notching an edge of a flexible web. 2,570,696, Oct. 9.
Levine, Philip: *See*—
Brothman, Abraham, Gold, and Levine.
Levine, Raymond T., assignee: *See*—
Hulse, John.
Levine, Samuel, Jackson Heights, N. Y. Venetian blind supporting bracket. 2,579,197, Dec. 18.
Levings, George E., West Point, N. Y. Fluid drive. 2,538,423, Jan. 16.
Levinson, Charles A., Brookline, Mass. Dental magnifying and illuminating device. 2,563,473, Aug. 7.
Levinson, Louis J., New York, N. Y. Tie rack. 2,537,144, Jan. 9.
Levinthal, Elliott, Stanford University, Calif., assignor to The Sperry Corporation. Ultrahigh frequency discharge tube. 2,562,927, Aug. 7.
Levis, William B., Philadelphia, Pa. Fuel combustion furnace. 2,553.713, May 22.
Levis, William W., Jr., Wyandotte, Mich., assignor to Sharples Chemicals Inc. Alkylation of aromatic amines. 2,541,655. Feb. 13.
Levison, Robert, Ede, and B. J. Blomberg, Velp, Netherlands, assignors to American Enka Corporation, Enka, N. C. Continuous manufacture of viscose products. 2,566,455, Sept. 4.
Levison, Robert, Ede, and B. J. Blomberg, Velp, Netherlands, assignors to American Enka Corporation, Enka, N. C. Continuous manufacture of viscose products. 2,566,456, Sept. 4.
Levison, Robert, Ede, and B. J. Blomberg, Velp, Netherlands, assignors to American Enka Corporation, Enka, N. C. Manufacture of viscose products. 2,566,457, Sept. 4.
Levison, Walter, assignee: *See*—
Brookes, Samuel.
Levitation Limited, assignee: *See*—
Thornhill, Peter W.
Thornhill, Peter W., and Gosling.
Levitin, Manuel, San Francisco, Calif. Chair. 2,540,206, Feb. 6.
Leviton Manufacturing Company, assignee: *See*—
Worth, Joseph.
Levitt, David D., Buffalo, N. Y. Ball transfer mechanism for ball games. 2,551,023, May 1.
Levitt, David M.: *See*—
Walsh, James F., Levitt, and Goodman.
Levitt, Morton L., assignor to A. W. Petchaft, Clayton, Mo. Deodorant and antiseptic dispenser. 2,579,045, Dec. 18.
Levor, G., & Co., Inc., assignee: *See*—
Bernard, Harold A.
Levstek, Frank, assignee: *See*—
Chandler, Clara L.
Levy, Gustave, East Orange, assignor to National Union Radio Corporation, Orange, N. J. Target assembly for cathode-ray tubes. 2,546,828, Mar. 27.
Levy, Henri A.: *See*—
Livingston, Ralph, and Levy.
Levy, Hilton B.: *See*—
Wallerstein, James S., Schade, and Levy.
Levy, Irving: *See*—
Billet, Philip, and Levy.
Levy, Jacob, Brooklyn, N. Y., and C. H. Lighthipe, Bloomfield, assignors to Nopco Chemical Company, Harrison, N. J. Mixed phthalate ester compositions. 2,537,595, Jan. 9.
Lévy, Jacques, Paris, France, now by change of name, Jacques Lory. Loud-speaker telephone intercommunication system. 2,545,476, Mar. 20.
Lévy, Jacques, Paris, France, now by change of name, Jacques Lory. Two-way loud-speaker intercommunication system. 2,545,477, Mar. 20.
Lévy, Jacques, Paris, France, now by change of name, Jacques Lory. Telephone installation using a single line. 2,545,478, Mar. 20.
Levy, Joseph: *See*—
Wechsler, Ralph, and Levy.
Levy, Joseph, Union, assignor to Nopco Chemical Company, Harrison, N. J. Production of arecoline. 2,569,182, Sept. 25.
Levy, Maurice M.: *See*—
Farren, Leslie I., Head, and Levy.

Levy, Maurice M., Wembley, assignor to The General Electric Company, Limited, London, England. Multiplex arrangement for generating time-modulated pulses. 2,551,024, May 1.

Levy, Maurice M., Earls Court, assignor to The General Electric Company, Limited, London, England. Multichannel pulse signaling system. 2,560,772, July 17.

Levy, Max H., and R. A. Donovan, Brooklyn, N. Y. Safety automobile wheel switch device. 2,569,998, Oct. 2.

Levy, Morris, Philadelphia, Pa. Fire alarm switch. 2,545,854, Mar. 20.

Levy, Morris, Philadelphia, Pa. Automatic and manually operated fire alarm signal station. 2,570,823, Oct. 9.

Levy, René L., also known as R. Lucien, Paris, France, assignor to Societe d'Inventions Aeronautiques et Mecaniques S. I. A. M., Geneva, Switzerland. Packing device for hydraulic fluid-tight sliding joints. 2,544,537, Mar. 6.

Levy, René L., Paris, France, assignor to Societe d'Inventions Aeronautiques et Mecaniques S. I. A. M., Geneva, Switzerland. Shock absorber with retractable stroke for airplanes. 2,554,581, May 29.

Levy, René L., also known as René Lucien, Paris, France, assignor to Societe d'Inventions Aeronautiques et Mecaniques S. I. A. M., Geneva, Switzerland. Liquid compression shock absorber. 2,566,736, Sept. 4.

Levy, René L., also known as R. Lucien, Paris, France, assignor to Societe D'Inventions Aeronautiques et Mecaniques S. I. A. M., Geneva, Switzerland. Aircraft retractable landing skid. 2,574,404, Nov. 6.

Levy, René L., Paris, France, assignor to Societe d'Inventions Aeronautiques et Mecaniques S. I. A. M., Geneva, Switzerland. Hydraulic steering mechanism for airplanes. 2,579,840, Dec. 25.

Levy, Robert M.: *See*—
Schur, Milton O., and Levy.

Levy, Sidney, assignor to The National Cash Register Company, Dayton, Ohio. Indicator. 2,551,683, May 8.

Levy, Sidney E., Brooklyn, assignor to University Loudspeakers, Inc., White Plains, N. Y. Reflex type loudspeaker. 2,545,961, Mar. 20.

Levy, Sidney E., Brooklyn, assignor to University Loudspeakers, Inc., New York, N. Y. Driver unit for loudspeakers. 2,546,343, Mar. 27.

Levy, Sidney E., Brooklyn, assignor to University Loudspeakers, Inc., New York, N. Y. Magnet structure. 2,546,344, Mar. 27.

Levy, Sidney E., Brooklyn, assignor, by mesne assignments, to University Loudspeakers, Inc., New York, N. Y. Loud-speaker mounting. 2,550,359, Apr. 24.

Levy, Sol J., assignor to Monmouth Laboratories, Inc., Bradley Beach N. J. Radio carrier alarm system. 2,567,908, Sept. 11.

Lewallen, Herschal G., Anderson, Ind. Garment with detachable pocket. 2,557,445, June 19.

Lewellen, Darcy E.: *See*—
Lewellen, Emmons F., and D. E.

Lewellen, Emmons F., and D. E., Columbus, Ind. Control for papermaking machines. 2,576,614, Nov. 27.

Lewin, Gerhard, Maplewood, and J. Benes, Jr., assignors to Continental Electric Company, Geneva, Ill. Photoelectric tube and manufacture. 2,537,225, Jan. 9.

Lewing, Albert W.: *See*—
Wright, John H., and Lewing.

Lewis, Alfred, Chingford, England. Folding chair. 2,573,915, Nov. 6.

Lewis, Alfred H., Huntington Woods, Mich., assignor to Swift Electric Welder Company. Flash welder. 2,566,670, Sept. 4.

Lewis, Albert M. and P. B. Weiler, Detroit, Mich. Collapsible box. 2,550,830, May 1.

Lewis, Arthur J.: *See*—
Falkenburg, Lee B., Lewis, and Cowan.

Lewis, Arthur J., H. A. Moser, and J. C. Cowan, Peoria, Ill., assignors to the United States of America as represented by the Secretary of Agriculture. Coating compositions from soybean oils. 2,550,703, May 1.

Lewis, Benjamin F.: *See*—
Holden, William H. T., and Lewis.
White, Eddie E.

Lewis, Bernard, Pittsburgh, Pa. Grenade. 2,562,928, Aug. 7.

Lewis, Beulah M., Wilinksburg, Pa. Splash guard. 2,571,730, Oct. 16.

Lewis, Burdette R., and J. L. Slocum, Rochester, Mich. Match lighter. 2,563,538, Aug. 7.

Lewis, C. A., Inc., assignee: *See*—
Lewis, Chester A.

Lewis, Carl B.: *See*—
Starkey, Neal E., Lewis, and Edwards.

Lewis, Charles E., Trail City, S. Dak. Cigarette holder. 2,546,127, Mar. 20.

Lewis, Charles T., Oklahoma City, Okla. Wire line guide and stabilizer. 2,565,693, Aug. 28.

Lewis, Charles W.: *See*—
Ulmschneider, Lawrence A., and Lewis.

Lewis, Chester A., assignor to C. A. Lewis, Inc., Cleveland, Ohio. Tank car unloading apparatus. 2,552,986, May 15.

Lewis, Daniel W., assignee: *See*—
Bowzer, Augustus M.

Lewis, David G., East Palo Alto, Calif. Window construction. 2,571,731, Oct. 16.

Lewis, Davis E., Arcola, La. Combination agricultural implement. 2,546,461, Mar. 27.

Lewis, Davis E., Arcola, La. Disk hub and bearing assembly. 2,560,965, July 17.

Lewis, Davis E., Arcola, La. Combination agricultural implement. 2,562,318, July 31.

Lewis, Donald H., Houston, Tex., A. H. Hall, Cushing, Okla., and J. E. Green, Houston, Tex., assignors to Shell Development Company, San Francisco, Calif. Settling tank for crude oil. 2,573,853, Nov. 6.

Lewis, Douglas T., Los Angeles, Calif. Hand bandage. 2,567,489, Sept. 11.

Lewis, Earl G., Oakland, assignor to Langendorf United Bakeries, Inc., San Francisco, Calif. System for maintaining the alignment of pulley belts. 2,536,559, Jan. 2.

Lewis, Edwin W., Greenwich, Conn., and C. H. Watson, New York, N. Y. Adhesive tape package. 2,574,152, Nov. 6.

Lewis, Elisha B., assignor to The Commonwealth Engineering Company of Ohio, Dayton, Ohio. Apparatus for making sponge rubber. 2,567,949, Sept. 18.

Lewis, Elisha B., assignor to The Commonwealth Engineering Company of Ohio, Dayton, Ohio. Sponge rubber-textile combination material. 2,567,951, Sept. 18.

Lewis, Elisha B., assignor to The Commonwealth Engineering Company of Ohio, Dayton, Ohio. Making sponge rubber. 2,567,952, Sept. 18.

Lewis, Elisha B., assignor to The Commonwealth Engineering Company of Ohio, Dayton, Ohio. Making combined sponge rubber-textile materials. 2,567,953, Sept. 18.

Lewis, Elmer, Bristol, Pa. Poultry feeder. 2,543,916, Mar. 6.

Lewis Engineering and Manufacturing Company, The, assignee: *See*—
Herr, Richard E.

Lewis Engineering Company, The, assignee: *See*—
Knudsen, Knud J.

Lewis, Frank M., Mount Clemens, Mich. Differential mechanism. 2,555,044, May 29.

Lewis, Frank M., Weston, Mass., assignor, by mesne assignments to Baldwin-Lima-Hamilton Corporation. Starting means for free piston machines. 2,557,982, June 26.

Lewis, Frank W., assignor to Chicago Railway Equipment Company, Chicago, Ill. Trussed brake beam with fixed head. 2,562,279, July 31.

Lewis, Franklin W., Clifton Heights, Pa., assignor to General Electric Company. Rotatable dihedral protective enclosure for high-voltage apparatus. 2,565,314, Aug. 21.

Lewis, Fred S.: *See*—
Wiggins, Alpha M., and Lewis.

Lewis, Frederick J., Youngstown, Ohio. Mechanism for securing an earth-working tool in a ground-engaging or ground-disengaging position. 2,547,585, Apr. 3.

Lewis, George E., Alhambra, assignor to Hydril Corporation, Los Angeles, Calif. Thickness indicator. 2,563,254, Aug. 7.

Lewis, George W., Dallas, Tex. Endless belt type cotton harvester. 2,537,945, Jan. 16.

Lewis, George W., Toledo, Ohio. Apparatus for starting engines. 2,562,196, July 31.

Lewis, H. W., Equipment Co., assignee: *See*—
Hill, Arthur T.

Lewis, Harold A.: *See*—
Bickel, Ferdinand D. W., Earich, and Lewis.
Bickel, Ferdinand D. W., Lewis, and Mecklenborg.

Lewis, Howard B., Los Angeles, Calif. Air hammer. 2,542,038, Feb. 20.

Lewis, Howard B., and G. M. Larson, Los Angeles, Calif. Venom extractor. 2,539,846, Jan. 30.

Lewis, Howard B., and G. M. Larson, Los Angeles, assignors to Broadbent-Johnston, Inc., El Monte, Calif. Water filter. 2,554,748, May 29.

Lewis, James C.: *See*—
Garibaldi, John A., Ijichi, Lewis, and McGinnis.

Lewis, James G., Siloam, Ga., and J. L. Buckmaster, Arlington, Va., assignors to the United States of America as represented by the Secretary of the Interior. Stereoblique plotter. 2,561,386, July 24.

Lewis, James O., Houston, Tex. Apparatus for controlling fluid producing formations. 2,537,066, Jan. 9.

Lewis, John B., Beech Grove, Ind. Minnow trap. 2,576,524, Nov. 27.

Lewis, John R., assignor to Hercules Powder Company, Wilmington, Del. Reclamation of rubber in the presence of α,α-dialkylarylmethyl hydroperoxide. 2,558,764, July 3.

Lewis, Lee J., assignee: *See*—
Clark, Earl M.

Lewis, Lloyd, Indianola, Ill. Screw driver. 2,536,191, Jan. 2.

Lewis, Louise A., Kansas City, Mo. Clothespin assembly. 2,554,199, May 22.

Lewis, Mary L., Oklahoma City, Okla. Doll. 2,538,157, Jan. 16.

Lewis, Maude L., York, Nebr. Hair curler. 2,573,033, Oct. 30.

Lewis, Morgan J., Philadelphia, Pa. Meter and meter socket. 2,548,540, Apr. 10.

Lewis, N. V., assignee: *See*—
Pait, Graham.

Lewis, Norman O.: *See*—
Stephens, Bernard J., and Lewis.

Lewis, Olin E., and L. C. Bussinger, O'Fallon, assignors of one-third to D. G. Fike, McCrede, Mo. Train order dispatch device. 2,578,891, Dec. 18.
Lewis, Oscar, and H. G. Kabisch, assignors to P. Williams and L. Paulson, Woodburn, Oreg. Overhead counterbalanced door. 2,569,614, Oct. 2.
Lewis, Peter B., Aberdeen, assignor to Robbins Cloth Mills, Inc., Robbins, N. C. Slub catcher. 2,561,126, July 17.
Lewis, Richard W.: *See*—
Richardson, Richard P., and Lewis.
Lewis, Richard W., Walled Lake, Mich. Windshield visor. 2,547,528, Apr. 3.
Lewis, Richard W., and A. Linton, Hawkhill, Dundee, Scotland, assignors to Burndept Limited, London, England. Primary electric cell. 2,571,732, Oct. 16.
Lewis, Robert B.: *See*—
Toth, John J., and Leveurs.
Lewis, Robert C.: *See*—
Efromson, Philip C., Dickie, and Lewis.
Efromson, Philip C., and Lewis.
Lewis, Robert M., Summersville, W. Va. Cutter bit for mining machines. 2,569,066, Sept. 25.
Lewis-Shepard Company, assignee: *See*—
Bouchard, Charles S.
Hastings, Russell, Jr.
Lewis, Theodore K., Wauneta, Nebr. Semiautomatic heat control. 2,547,477, Apr. 3.
Lewis, Thomas M., Coates, Bernoldswick, E. G. Rounce, and A. E. Hills, Colne, England. Combined pump and electric motor unit. 2,557,879, June 19.
Lewis, Thomas W., Munhall, Pa., assignor to United States Steel Company. Gas burner for soaking pit furnaces and the like. 2,563,683, Aug. 7.
Lewis, Thomas W., Richmond, Calif. Saw sharpening machine. 2,543,504, Feb. 27.
Lewis, Tom, Maryville, Tenn. Milk can dispenser closure. 2,574,338, Nov. 6.
Lewis, Tressa, Washington, D. C. Surgical garment. 2,558,446, June 26.
Lewis, Ulmont R., Seattle, Wash. Power setwork for sawmill carriages. 2,550,360, Apr. 24.
Lewis, Virginia E., and W. E. Collar, Lima, Ohio, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Treating aluminum to provide selective coloration of portions thereof. 2,554,256, May 22.
Lewis, Walter A., Syracuse, Kans. Quick-detachable insulator. 2,559,218, July 3.
Lewis, Warren K., Newton, Mass., assignor to Standard Oil Development Company. Blast furnace operation. 2,544,697, Mar. 13.
Lewis, Willard D.: *See*—
Baxter, Howard A., and Lewis.
Friis, Harald T., Lewis, and Tillotson.
Lewis, Willard D., Little Silver, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Multiresonant wave-guide structure. 2,548,672, Apr. 10.
Lewis, Willard D., Little Silver, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Echo suppression in transmission lines. 2,560,806, July 17.
Lewis, Willard D., Little Silver, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Microwave hybrid branching systems. 2,561,212, July 17.
Lewis, William H., Altadena, assignor to Standard Steel Corporation, Los Angeles, Calif. Loader conveyer. 2,546,512, Mar. 27.
Lewis, William H., Altadena, Calif. Cutting pavement and other like surfaces. 2,569,682, Oct. 2.
Lewis, William H., State College, Pa., assignor, by mesne assignments, to The Pennsylvania Research Corporation. Circuit for multiple channel recording galvanometers. 2,577,472, Dec. 4.
Lewis, William R.: *See*—
Kimball, Charles N., Lewis, and Strecker.
Lewis, William Y., St. John's Wood, London, assignor to Yorath Lewis Boilers Limited, London County, England. Waste heat or surplus heat boiler. 2,555,043, May 29.
Lewis, Yorath, Boilers Limited, assignee: *See*—
Lewis, William Y.
Lewthwaite, Raymond B.: *See*—
Odell, Carl H., and Lewthwaite.
Lewton, Ross, assignor to Chrysler Corporation, Highland Park, Mich. Shock absorber mounting. 2,548,167, Apr. 10.
Lewton, Ross, assignor to Chrysler Corporation, Highland Park, Mich. Hydraulic shock absorber with baffle means. 2,551,749, May 8.
Lewus, Alexander J., Cicero, Ill. Electromagnetic relay. 2,547,131, Apr. 3.
Lewus, Alexander J., Cicero, Ill. Power take-off apparatus for motor vehicles. 2,568,076, Sept. 18.
Lewyt, Alex M., assignor to Lewyt Corporation, Brooklyn, N. Y. Receptacle. 2,541,525, Feb. 13.
Lewyt Corporation, assignee: *See*—
Lewyt, Alex M.
Meyerhoefer, Carl E.
Meyerhoefer, Carl S.
Lexa, George J., Wauwatosa, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. System of current control for plural translating devices. 2,543,114, Feb. 27.
Ley, Delores W., assignee: *See*—
Hanson, Oscar.
Ley, Gordon S., Groveland, Mass., C. J. Miller, and A. A. Nims, Jr., Catonsville, Md., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Relay system. 2,579,591, Dec. 25.
Leyda, Lewis G., Charleroi, Pa. Signal attachment for fishing poles. 2,549,694, Apr. 17.
Leyonmark, George F., Avenel, and P. E. Hardy, Elizabeth, N. J., assignors to Standard Oil Development Company. Polymeric hydrocarbon drying oils. 2,569,383, Sept. 25.
Leyton, Eric M., Wimbledon, London, assignor to Electric & Musical Industries Limited, Hayes, Middlesex, England. Circuit arrangement for stabilizing the amplitude of electrical oscillations. 2,577,972, Dec. 11.
Lhermitte, Yves, and R. Besson, assignors to Societe Anonyme dite: Glaces et Cremes Glacees Ch. Gervais, Bobigny, France. Cold holdover element. 2,550,277, Apr. 24.
L'Hollier, Leslie H., Newton, Mass., assignor to The B. F. Goodrich Company, New York, N. Y. Foothold and manufacture. 2,544,270, Mar. 6.
Lian, Tjoa S., Amsterdam, Netherlands. Preparation of agar. 2,551,143, May 1.
Liautaud, John N., Chicago, Ill., assignor to Chicago Eye Shield Company. Adjustable headband for goggles and the like. 2,545,428, Mar. 13.
Libbey-Owens-Ford Glass Company, assignee: *See*—
Anderson, Thomas F.
Barkley, Dwight W.
Browne, Charles M.
Drake, John L.
Drake, John L., and Pearse.
Dubois, Henri.
Gaiser, Romey A., and Boicey.
Gaiser, Romey A., and McAuley.
Hatcher, David B.
Hatcher, David B., and Bunnell.
Howald, Arthur M., and Meyer.
Jendrisak, Joseph E.
Meyer, Leonard S.
Morris, Joseph R.
Oberstar, Edward C.
Oberstar, Edward C., and Coleman.
Pearse, John P.
Rodgers, James L., Jr., and Howald.
Ryan, Joseph D.
Strong, John D.
Walters, Emmett L.
Watkins, George B.
Weaver, Welcome I.
Weinrich, Arthur R.
Libby, Edward W., Belleville, assignor to Kaiser-Frazer Corporation, Willow Run, Mich. Vibration dampener. 2,574,573, Nov. 13.
Libby, Henry T., Somerville, and D. G. Pearson, Medford, Mass. Power actuated hand plane. 2,544,098, Mar. 6.
Libby, Lester L., East Orange, N. J., and E. Cole, Kew Gardens, assignors to Federal Telephone and Radio Corporation, New York, N. Y. Direction finding system. 2,547,028, Apr. 3.
Libby, McNeill & Libby, assignee: *See*—
Martin, Charles F., and Wodicka.
Liber, Henri S., assignor, by mesne assignments, to Societe Civile d'Etudes & Inventions Liber (S. E. I. L. I. G.), Paris, France. Case for microfilms. 2,544,844, Mar. 13.
Liberatore, Laurence C., assignor to Taylor Instrument Companies, Rochester, N. Y. Age compensated glass thermometer. 2,578,563, Dec. 11.
Libermann, David: *See*—
Himbert, Jean G., and Libermann.
Liberty Planers, assignee: *See*—
Thomas, Louis G. L.
Libman, Earl E., Brooklyn, assignor to Control Instrument Company, Inc., New York, N. Y. Inking means for rod-like printing members. 2,567,289, Sept. 11.
Libman, Earl E., Brooklyn, and E. Lohse, Ridgewood, assignors to Control Instrument Company, Inc., New York, N. Y. Wind resolver. 2,574,336, Nov. 6.
Liboiron, Joseph G., Medicine Hat, Alberta, Canada. Self-propelled irrigation machine. 2,570,573, Oct. 9.
Libois, Louis J.: *See*—
Gloess, Paul F. M., and Libois.
Libois, Louis J., Paris, France. Multiplex transmission system by means of electrical impulses. 2,554,112, May 22.
Librascope, Incorporated, assignee: *See*—
Imm, Lewis W.
Libshutz, Harry: *See*—
Libshutz, Irving and H.
Libshutz, Irving and H., Baltimore, Md. Folding cap stayer. 2,541,168, Feb. 13.
Libson, Philip, Brooklyn, N. Y. Finger support for nail polish application. 2,579,450, Dec. 18.
Licata, Francis J.: *See*—
Southern, John A., Roth, Licata, and Cunder.
Licht, Anna, New York, N. Y. Lady's garment. 2,549,494, Apr. 17.
Lichtenberg, Edward N., Claymont Heights, Del., assignor to Remington Arms Company, Inc., Bridgeport, Conn. Follow rest for lathes. 2,547,529, Apr. 3.
Lichtenberg, Erich H., assignor to Koehring Company, Milwaukee, Wis. High-discharge and low-charging mixer. 2,558,765, July 3.

Lichtenberg, Erich H., assignor to Koehring Company, Milwaukee, Wis. Scraping, loading, and carry-off earth working machine. 2,573,720, Nov. 6.

Lichtenfels, Ira W., St. Louis, Mo., and H. G. Moore, Wesleyville, Pa., assignors to General Electric Company. Traction vehicle control system. 2,566,898, Sept. 4.

Lichtenstein, E., assignee: *See*—
Hills, Elmer G.

Lichtenstein, Roland M., and W. W. Schultz, Schenectady, and E. E. Goodale, Scotia, N. Y., assignors to General Electric Company. High-voltage supply. 2,546,035, Mar. 20.

Lichtenthal, James J., assignee: *See*—
Ghillany, Anthony.

Lichtman, Joseph Z.: *See*—
Valentine, Patrick, and Lichtman.

Lichtman, Samuel W., and D. G. Mazur, Washington, D. C. Pulse frequency monitor. 2,553,594, May 22.

Lichtstern, Sigmund, assignee: *See*—
Vollweiler, Hans.

Lichty, Arthur J., Birmingham, Ala. Room heating and cooling unit. 2,557,035, June 12.

Lichty, Harvey, Emmaus, assignor to L. F. Grammes & Sons, Inc., Allentown, Pa. Name plate device or the like. 2,575,721, Nov. 20.

Lichty, Joy G., Stow, assignor to Wingfoot Corporation, Akron, Ohio. Chlorination of synthetic rubber. 2,560,869, July 17.

Lichty, Lyall J., Ottawa, assignor to Quebec Metallurgical Industries Limited, Toronto, Ontario, Canada. Recovery of nickel from nickel silicate ore. 2,573,153, Oct. 30.

Licklider, Joseph C. R., Cambridge, Mass., assignor to the United States of America as represented by the Executive Secretary of the Office of Scientific Research and Development. Pulse generator. 2,567,850, Sept. 11.

Lickteig, Albert F., assignor to National Brass Company, Grand Rapids, Mich. Lock escutcheon. 2,538,647, Jan. 16.

Lidin, Sigfrid E., Stockholm, assignor to Aktiebolaget Atvidabergs Industrier, Atvidaberg, Sweden. Pivot for horizontally swinging windows. 2,569,109, Sept. 25.

Lidin, Sigfrid E., Traneberg, assignor to Aktiebolaget Atvidabergs Industrier, Atvidaberg, Sweden. Pivot bearing for windows. 2,571,733, Oct. 16.

Liddell, Robert W., Bethel Township, Allegheny County, assignor to Hall Laboratories, Inc., Pittsburgh, Pa. Phosphate product and making same. 2,569,936, Oct. 2.

Liddell, Robert W., Jr., Bethel Township, Allegheny County, assignor to Calgon, Incorporated, Pittsburgh, Pa. Making glassy phosphate compositions. 2,572,359, Oct. 23.

Lidov, Rex E.: *See*—
Bluestone, Henry, Lidov, Knaus, and Howerton.

Lidz, Sidney: *See*—
Oestreicher, Warren J., Lidz, and Jacobson.

Lidz, Sidney, New York, N. Y., assignor to Tele-Tone Radio Corporation. Radio antenna system. 2,565,661, Aug. 28.

Liebel, Neal W., Erie, Pa. Combined screen and table. 2,549,379, Apr. 17.

Liebelt, John E., and L. C. Pusey, Sarnia, Ontario, Canada. Self-dispensing roller for applying paint. 2,563,048, Aug. 7.

Liebelt, John E., and L. C. Pusey, Sarnia, Ontario, Canada. Self-dispensing roller for applying paints. 2,563,049, Aug. 7.

Lieber, Eugene: *See*—
Cashman, Edward P., and Lieber.

Lieber, Eugene, Chicago, Ill., assignor to Standard Oil Development Company. Lubricant composition of mineral oil containing a condensation product of aliphatic-aromatic ketone and a sulfur chloride. 2,562,800, July 31.

Lieber, Eugene, West New Brighton, N. Y., assignor to Standard Oil Development Company. Olefin-dihydronaphthalene copolymers. 2,545,522, Mar. 20.

Lieber, Eugene, Chicago, Ill., and E. P. Cashman, Bayonne, N. J., assignors to Standard Oil Development Company. Condensation products of silicon halides with chlorwaxnaphthalene and chlorwax-phenol. 2,560,355, July 10.

Lieberherr, Hans, assignor to Sulzer Freres, Société Anonyme, Winterthur, Switzerland. Regulating the supercharge pressure of internal-combustion engines in reversible marine propulsion plants. 2,565,080, Aug. 21.

Lieberherr, Hans, assignor to Sulzer Freres, Société Anonyme, Winterthur, Switzerland. Piston ring. 2,577,022, Dec. 4.

Lieberknecht, Karl, Inc., assignee: *See*—
Friedmann, Albert.
Harzer, Eugene R.
Zesch, Eugene M.

Lieberman, Frank, Detroit, Mich. Brush container. 2,552,333, May 8.

Lieberman, Frank, Detroit, Mich. Holder for buckets. 2,565,315, Aug. 21.

Lieberman, Philip S., Clarence, N. Y. Target for firearm practice. 2,547,478, Apr. 3.

Lieberman, Samuel A., New York, N. Y. Picture frame. 2,556,283, June 12.

Liebhafsky, Herman A.: *See*—
Balis, Earl W., and Liebhafsky.

Liebhart, Dorsey M., and P. S. Dunaway, Portland, Oreg. Temperature control valve. 2,579,938, Dec. 25.

Liebla, Orville B., Kings Park, N. Y. Weather strip for doors. 2,553,461, May 15.

Liebling, Rose, Atlanta, Ga. Toilet seat cover. 2,545,436, Mar. 20.

Liebmann, August G., assignor of one-half to H. A. Blessing, Washington, D. C. Disposal of excrements by destructive retort distillation. 2,542,039, Feb. 20.

Liebmann, August G., assignor of one-half to H. A. Blessing, Washington, D. C. Aircraft launching apparatus. 2,567,954, Sept. 18.

Liebrecht, Ilse (born Boehringer), assignee: *See*—
Thomä, Otto.

Liebrecht, Julius, assignee: *See*—
Thomä, Otto.

Liechti, Albert, Zurich, assignor to Micafil A. G., Zurich-Altstetten, Switzerland. Laminated electric condenser. 2,539,516, Jan. 30.

Liedberg, Kurt H., Stockholm, assignor to Aktiebolaget Atlas Diesel, Sickla, near Stockholm, Sweden. Adjustable stop for spray gun valve spindles. 2,557,606, June 19.

Liedholm, George E., Berkeley, assignor to Shell Development Company, San Francisco, Calif. Hydrocarbon conversion. 2,557,748, June 19.

Liedholm, George E., Berkeley, assignor to Shell Development Company, San Francisco, Calif. Fluidized powder flow and control. 2,560,356, July 10.

Liedholm, George E., Berkeley, and J. T. Harlan, Jr., San Rafael, assignors to Shell Development Company, San Francisco, Calif. Production of oxygenated products from petroleum. 2,544,271, Mar. 6.

Lien, Arthur P.: *See*—
McCaulay, David A., and Lien.

Lien, Arthur P., Hammond, Ind., B. L. Evering, Chicago, Ill., and F. W. Haeckl, Detroit, Mich., assignors to Standard Oil Company, Chicago, Ill. Refining oil. 2,564,071, Aug. 14.

Lien, Arthur P., P. Hill, Hammond, and J. F. Deters, Valparaiso, Ind., assignors to Standard Oil Company, Chicago, Ill. Alkylation process. 2,564,072, Aug. 14.

Lien, Arthur P., Hammond, Ind., and D. A. McCaulay, assignors to Standard Oil Company, Chicago, Ill. Disproportionation of xylenes. 2,564,073, Aug. 14.

Lien, Arthur P., W. J. Zimmerschied, and W. S. Higley, Hammond, Ind., assignors to Standard Oil Company, Chicago, Ill. Separating organic compounds. 2,577,202, Dec. 4.

Lien, Carl B., Chicago, Ill., assignor to Lien Chemical Company. Odorant dispenser. 2,559,126, July 3.

Lien Chemical Company, assignee: *See*—
Lien, Carl B.

Lien, Roland A., Austin, Minn. Record cabinet. 2,564,336, Aug. 14.

Lies, William J., Williamstown, assignor to Sprague Electric Company, North Adams, Mass. Producing dielectric sheets. 2,539,446, Jan. 30.

Liesch, Le Roy W., assignor to Velsicol Corporation, Chicago, Ill. Variable frequency vibrating device. 2,561,027, July 17.

Lietaert, Harold E., assignor to Monroe Auto Equipment Company, Monroe, Mich. Injection mold and pressure actuatable device for controlling the filling thereof. 2,541,592, Feb. 13.

Lietz, Frederick F., Appleton, Wis. Automotive vehicle radiator and gas tank handling apparatus. 2,567,384, Sept. 11.

Lievense, Peter A., and H. T. Phillips, Jackson, Mich. Baffle type muffler with plural expansion chambers. 2,567,568, Sept. 11.

Lifton, Samuel H., New York, N. Y. Brief case. 2,560,297, July 10.

Lifton, Samuel H., New York, N. Y. Making compound brief cases. 2,562,499, July 31.

Liger, Andrew W.: *See*—
Faust, Charles L., Bearse, and Liger.

Liggett, Philip T., Harvey, assignor to Universal Oil Products Company, Chicago, Ill. Apparatus for production of acetylene and other hydrocarbons. 2,558,861, July 3.

Light, Cordell C., assignor of fifty per cent to T. P. Byrum, Amarillo, Tex. Garment hanger. 2,574,185, Nov. 6.

Light, David M., Chicago, Ill. Antivibration device for journal box pins. 2,538,372, Jan. 16.

Light, Frank J., Sandusky, Mich. Grapple. 2,572,499, Oct. 23.

Light, George G.: *See*—
Blanton, William B., and Light.

Light, Harold L., United States Army, Lewistown, Pa. Machine for removing dust from fabrics. 2,547,952, Apr. 10.

Light, James W.: *See*—
Carson, Howard, and Light.

Light, John S.: *See*—
Cannon, Madison M., Jr., and Light.

Light, John S., Simsbury, assignor to Hartford-Empire Company, Hartford, Conn. Forehearth temperature control. 2,539,145, Jan. 23.

Lighter, Stephen, Whitefish Bay, Wis. Skeleton carton. 2,548,985, Apr. 17.

Lighter, Stephen, Milwaukee, Wis. Folding and packaging shirts. 2,567,385, Sept. 11.
Lightfoot, Agnes M., and Vera M. Kelly, Beaumont, Tex. Astrological game apparatus. 2,549,495, Apr. 17.
Lightfoot, Karl M., Pasadena, Calif. Chair. 2,542,931, Feb. 20.
Lightfoot, Ralph B., Stratford, assignor to United Aircraft Corporation, East Hartford, Conn. Balancing rotor blades. 2,552,727, May 15.
Lighthipe, Charles H.: *See*—
Levy, Jacob, and Lighthipe.
Lighting Specialties, Inc., assignee: *See*—
Vogel, William E.
Lightning Fasteners Limited, assignee: *See*—
Corner, George H. C.
Lignes Telegraphiques et Telephoniques, assignee: *See*—
Sabine, Maurice.
Lignes Telegraphiques et Telephoniques Conflans-Ste-Honorine, assignee: *See*—
Prache, Marie P.
Liguna S. A., assignee: *See*—
Colombo, Roberto.
Liguori, Anthony, New York, N. Y., assignor to Radio Corporation of America. Compensating amplifier for facsimile recording lamps. 2,569,321, Sept. 25.
Likens, James R., Los Angeles, Calif. Vehicle for transporting removable cargo containers. 2,538,531, Jan. 16.
Lilienfeld, Julius E.: *See*—
La Roe, Else K., and Lilienfeld.
Lilienstern, Vera D., Scarsdale, N. Y. Doll head with hair. 2,537,536, Jan. 9.
Lilja, Edgar D., assignor to Barber-Colman Company, Rockford, Ill. Electromagnetic friction clutch. 2,549,214, Apr. 17.
Lilja, Edgar D., and D. L. Hall, assignors to Barber-Colman Company, Rockford, Ill. Control for servo actuators. 2,549,829, Apr. 24.
Lilja, Ernest L., and A. Paterson, assignors to Chamberlain, Inc., Chicago, Ill. Glass cutting machine. 2,554,339, May 22.
Liljeström, Gustaf V., assignor to Aktiebolaget Åtvidabergs Industries, Atvidaberg, Sweden. Accumulator engaging mechanism for adding and subtracting machines. 2,580,031, Dec. 25.
Lillard, Urban, Hollywood, Fla. Brake control mechanism. 2,552,289, May 8.
Lillenas, Arthur N.: *See*—
Hey, Lester E., Lillenas, and Mendelson.
Lilley, Glenn N.: *See*—
Lilley, Lemuel T. and G. N.
Lilley, Lemuel T. and G. N., Gatesville, N. C. Peanut digger. 2,563,177, Aug. 7.
Lillich, Ralph A., and R. Eichenberg, assignors to McEvoy, Company, Houston, Tex. Pipe joint. 2,555,894, June 5.
Lillienberg, August W., assignor to Lindberg Engineering Company, Chicago, Ill. Induction furnace. 2,540,744, Feb. 6.
Lilliendahl, William C., Mountain Lakes, N. J., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Production of thorium. 2,537,067, Jan. 9.
Lilliendahl, William C., Mountain Lakes, and H. C. Rentschler, East Orange, N. J., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Manufacture of zirconium. 2,537,068, Jan. 9.
Lillig, Ralph E., Chicago, Ill. Coin-controlled liquid dispensing apparatus. 2,564,015, Aug. 14.
Lillquist, Edward H., Spokane, Wash. Power saw and sander. 2,553,924, May 22.
Lillvik, Walter: *See*—
Armstrong, Frank C., Lauterbach, Lillvik, and Popper.
Lilly, Edward F., Chicago, and E. G. Rupp, Clarendon Hills, assignors to The Quaker Oats Company, Chicago, Ill. Making oat cereal flake. 2,552,290, May 8.
Lilly, Eli, and Company, assignee: *See*—
Behrens, Otto K., Jones, Soper, and Corse.
Bender, William L.
Burnside, Carl B.
Caldwell, Archie L.
Carney, Thomas P.
Carter, Herbert E., and Flynn.
Davis, William W., and Parke.
Doran, Wilbur J., and Van Heyningen.
Elderfield, Robert C., and Maggiolo.
Harvey, Ora A., Woodmansee.
Jones, Reuben G.
Miller, Henry C.
Rhodehamel, Harley W., Jr.
Rhodehamel, Harley W., Jr., and Fortune.
Lilly, Elizabeth S., assignor to C. W. Freed, Wilmington, Del. Dripless container. 2,566,527, Sept. 4.
Lilly, James F., Portland, Oreg. Ventilator. 2,555,472, June 5.
Lillyblad, Robert H., and C. L. Robinson, Grand Haven, Mich. Bread toaster. 2,555,697, June 5.
Lily-Tulip Cup Corporation, assignee: *See*—
Amberg, Stephen W.
Amberg, Walter E.
Amberg, Walter E. and S. W.
Margulies, Walter P.
Lima-Hamilton Corporation, assignee: *See*—
Ramsey, Robert P.
Schurr, Otto E.
Limbach, Alex, Carmel, N. Y. Adjustable dispensing closure. 2,574,337, Nov. 6.
Limber, Nicholas J., Rockville Centre, assignor to Bubble Gun, Inc., New York, N. Y. Bubble gun. 2,560,582, July 17.
Limberg, Alfons A., Grosse Pointe, assignor to General Motors Corporation, Detroit, Mich. Rear wheelhousing construction for automobile bodies. 2,538,839, Jan. 23.
Limberg, Gustav E., New York, N .Y. Rolling contact marking device with interchangeable marking rollers. 2,562,557, July 31.
Limberg, Wayne, Plymouth, Wis. Vacuum cleaner for cattle. 2,539,257, Jan. 23.
Limberger, Josef, Zug, Switzerland, assignor to Landis & Gyr, A. G. Meter bearing. 2,542,541, Feb. 20.
Limberger, Josef, Zug, Switzerland, assignor to Landis & Gyr, A. G. Meter bearing. 2,544,166, Mar. 6.
Limburg, Jozef, Heerde, Netherlands, assignor to Shell Development Company, San Francisco, Calif. Producing a detergent composition. 2,567,645, Sept. 11.
Limerick, Daniel J., Hammond, Ind. Automatic electric hot-water heating system. 2,563,345, Aug. 7.
Limited Company: *See*—
Bašus, Jiří.
Limon, Walter, assignor to Commer Cars Limited, Luton, England. Vehicle engine mounting beneath driver's compartment. 2,536,560, Jan. 2.
Limongelli, Anthony, Miami, Fla. Check ball guide for flush tanks. 2,561,877, July 24.
Limpert, Alexander S. and R. J., Bay Shore, N. Y. Secondary heat exchanger in refrigeration system. 2,561,305, July 17.
Limpert, Robin J.: *See*—
Limpert, Alexander S. and R. J.
Limpo, Bennett J. and T. H., Lynwood, Calif. Gate fastener. 2,566,771, Sept. 4.
Limpo, Thomas H.: *See*—
Limpo, Bennett J. and T. H.
"L'Impregnation," assignee: *See*—
Rouzet, Lucien.
Limpus, Isaac O., Shelbyville, Ind. Wire fence splicer. 2,566,133, Aug. 28.
Limyr, Gunnar A., Risor, Norway. Calculating frame. 2,556,501, June 12.
Linblade, Ralph H., assignor to Floating Laboratories, Inc., Chicago, Ill. Carrier for fishing flies. 2,540,340, Feb. 6.
Lincks, George F., Pittsfield, Mass., assignor to General Electric Company. Circuit opening device. 2,564,701, Aug. 21.
Lincks, George F., Pittsfield, Mass., assignor to General Electric Company. Electrical protective device for distribution lines. 2,572,637, Oct. 23.
Lincks, George F., Pittsfield, Mass., assignor to General Electric Company. Protective arrangement for electric power distribution. 2,573,459, Oct. 30.
Lincks, George F., and S. R. Smith, Jr., Pittsfield, Mass., assignors to General Electric Company. Fuseless circuit opening device. 2,573,458, Oct. 30.
Lincoln, Alden A., assignor to Acme Shear Company, Bridgeport, Conn. Pinking shears. 2,564,537, Aug. 14.
Lincoln, Carl E., Westport, Conn. Apparatus for fastening materials together. 2,557,668, June 19.
Lincoln, Carl E., White River Junction, Vt. Automatic engine-warming mechanism. Re. 23,340, Feb. 13.
Lincoln, Earl, assignee: *See*—
Nilson, Harold.
Lincoln Electric Company, The, assignee: *See*—
Landis, George G., and Hoenie.
Lincoln Engineering Company, assignee: *See*—
Fox, Alexander P., and Reisert.
Klein, Victor G., and Rotter.
Kludt, Jonathan, and Parks.
Rotter, Lutwin C., and Klein.
Lincoln, Herbert R., Detroit, Mich. Compressed gas pistol. 2,537,358, Jan. 9.
Lincoln Iron Works, assignee: *See*—
Davis, Richard H.
Lincoln, James: *See*—
Drewitt, James G. N., and Lincoln.
Lincoln, John C., assignor to Precipitation Control Company, Phoenix, Ariz. Vaporization apparatus. 2,577,023, Dec. 4.
Lincoln, John D., Marion, Va., and G. M. Thomson, Toronto, Ontario, Canada; said Thomson assignor to said Lincoln. Machine and method for producing a continuous honeycomb structure. 2,553,054, May 15.
Lind, Harry G., assignor to Barber-Colman Company, Rockford, Ill. Yarn tensioning device and break detector for spoolers. 2,555,045, May 29.
Lind, Hugo W., Jr., Detroit, Mich. Fishing apparatus. 2,548,224, Apr. 10.
Lind, Otto H., Cincinnati, Ohio. Bracket for supporting cables or pipes. 2,567,386, Sept. 11.
Linda, Frank R.: *See*—
Geimer, William J., and Linda.
Linda, Frank R., White Plains, assignor to St. Regis Paper Company, New York, N. Y. Fungicidally treated multiwall bag. 2,543,858, Mar. 6.
Lindabury, Tryon S., Overland, Mo. Temperature regulating and control valve. 2,571,734, Oct. 16.
Lindae, Eola A., administratrix de bonis non and assignee: *See*—
Lindae, William H.

Lindae, William H., deceased, by E. A. Lindae, administratrix de bonis non, St. Louis, Mo., said W. H. Lindae assignor of one-half to E. Lindae and one-half to J. P. Pohrer. Switch. 2,546,366, Mar. 27.

Lindahl, Gunnar: *See*—
Idar, Karl H., and Lindahl.

Lindahl, Henning W., Landskrona, assignor to Aktiebolaget Nilsson & Johansson, Stockholm, Sweden. Can opener. 2,568,962, Sept. 25.

Lindars, Herman, Sheffield, England. Electric switching apparatus. 2,568,345, Sept. 18.

Lindberg, Arne: *See*—
Särnö, Bo, and Lindberg.

Lindberg, Carl: *See*—
Hogel, Lennart, Thelemarck, and Lindberg.

Lindberg, Caryl A., Glendale, assignor to The Emerson Electric Manufacturing Company, St. Louis, Mo. Electric toaster. 2,567,075, Sept. 4.

Lindberg Engineering Company, assignee: *See*—
Bjork, Paul E.
Lillienberg, August W.

Lindberg, John E., Jr., Redwood City, Calif. Engine power analyzer recorder. 2,570,252, Oct. 9.

Lindberg, John E., Redwood City, Calif. Icing detection device. 2,577,779, Dec. 11.

Lindberg, Richard C., trustee, assignee: *See*—
Plice, William A.

Lindblad, Karl R., Sundsbruk, assignor to Svenska Cellulosa Aktiebolaget, Stockholm, Sweden. Screening drum for dewatering suspensions. 2,537,414, Jan. 9.

Lindblom, Frank W., Warwick, R. I., assignor to Welsh Manufacturing Company. Clip for hook over lens mountings. 2,538,692, Jan. 16.

Lindblom, Frank W., Cranston, R. I., assignor to Welsh Manufacturing Company. Cushion bar for goggles or the like. 2,542,689, Feb. 20.

Lindblom, Frank W., Cranston, R. I., assignor to Welsh Manufacturing Company. Cushion bar for goggles or the like. 2,542,690, Feb. 20.

Lindbloom, Charles V., Daytona Beach, Fla. Wire winding device. 2,570,575, Oct. 9.

Linde Air Products Company, The, assignee: *See*—
Clapsadle, Leo J.
Cowie, John P., and Burch.
Meincke, Edward.
Meincke, Edward, and Villoresi.
Neustrand, Brynold C.
Schonberg, Harry E.
Simpson, Graham E.
Smith, George H., and Yenni.
Young, Lloyd W.
Young, Lloyd W., and James.

Linde, Fredrick A., assignor to Monsanto Chemical Company, St. Louis, Mo. Alkali metal pentachlorophenate pellets. 2,567,909, Sept. 11.

Lindecker, Joseph B., assignee: *See*—
Tallaksen, Olaf.

Lindell, Carl G., Minneapolis, Minn. Boring attachment for electric hand drills. 2,571,589, Oct. 16.

Lindell, Sigurd I., assignor to S & C Electric Company, Chicago, Ill. Terminal construction for fuses and the like. 2,546,074, Mar. 20.

Lindell, Sigurd I., assignor to S & C Electric Company, Chicago, Ill. Dropout fuse construction. 2,553,098, May 15.

Lindell, Sigurd I., Chicago, Ill., assignor to S & C Electric Company. Fuse construction. 2,571,735, Oct. 16.

Lindell, Sigurd I., assignor to S & C Electric Company, Chicago, Ill. Contact construction for circuit interrupters such as fuses. 2,578,255, Dec. 11.

Lindelöf, Tore H., Stockholm, Sweden. Sliding extension leaf for tables and cabinets. 2,580,032, Dec. 25.

Lindeman, Charles A., Jr., Maywood, Ill. No-rewind reel projector. 2,540,897, Feb. 6.

Lindeman, Charles A., Jr., Maywood, Ill. Swash plate mechanism. 2,551,025, May 1.

Lindeman, Jesse G., Yakima, Wash., assignor, by mesne assignments, to Deere & Company, Moline, Ill. Two-way plow attachment for tractors. 2,543,786, Mar. 6.

Lindeman, Jesse G., Yakima, Wash., assignor, by mesne assignments, to Deere & Company, Moline, Ill. Hydraulic transmitter-motor unit. 2,564,164, Aug. 14.

Lindeman, Philip F., Berkeley, and V. J. Simmen, assignors to Pacific Can Company, San Francisco, Calif. Can wiping and shielding mechanism. 2,573,721, Nov. 6.

Lindemann, A. J., & Hoverson Company, assignee: *See*—
Kuenne, Kuno R.
Meiners, Richard H.

Lindemann, Harry, Teaneck, N. J. Fastening member for building molding forms. 2,543,701, Feb. 27.

Lindemann, Harry, Teaneck, N. J. Supporting bracket for building molding forms. 2,545,437, Mar. 20.

Lindemann, Howard C., Great Neck, and E. L. Pearson, Staten Island, N. Y. Interchangeable lens frame. 2,551,144, May 1.

Linden, Henry R., Franklin Park, Ill., assignor to Socony-Vacuum Oil Company, Incorporated. Humidity control in pot type vaporizing burners. 2,536,379, Jan. 2.

Linden, Herbert E., assignee: *See*—
Woock, Herbert J.

Lindenberg, Charles H., and T. Ongaro, assignors to Lion Manufacturing Inc., Columbus, Ohio. Method and apparatus for balancing rotors. 2,547,764, Apr. 3.

Lindenblad, Nils E., Rocky Point, N. Y., assignor to Radio Corporation of America. Obstacle detection system. 2,540,536, Feb. 6.

Lindenblad, Nils E., Port Jefferson, N. Y., assignor to Radio Corporation of America. High-frequency apparatus. 2,556,094, May 5.

Lindenblad, Nils E., Rocky Point, N. Y., assignor to Radio Corporation of America. Wide band antenna. 2,570,824, Oct. 9.

Lindenblad, Nils E., Rocky Point, N. Y., assignor to Radio Corporation of America. Antenna. 2,573,460, Oct. 30.

Lindenblad, Nils E., Port Jefferson, N. Y., assignor to Radio Corporation of America. Antenna. 2,573,461, Oct. 30.

Lindenblad, Nils E., Port Jefferson, N. Y., assignor to Radio Corporation of America. High-frequency electron discharge device of the traveling wave type. 2,578,434, Dec. 11.

Lindenfelser, Richard, Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Resinous reaction product of aromatic amine and melamine-formaldehyde. 2,559,976, July 10.

Lindenfelser, Richard, Stamford, and D. G. Patterson, Darien, Conn., assignors to American Cynamid Company, New York, N. Y. Reacting furfural with melamine-formaldehyde condensation products and composition obtained therefrom. 2,562,051, July 24.

Lindenfelser, Richard, Stamford, Conn., and C. L. Michaud, Philadelphia, Pa., assignors to American Cyanamid Company, New York, N. Y. Molding composition and articles produced therefrom. 2,579,939, Dec. 25.

Lindenthal, Walter, Freeport, N. Y. Wood-swelling composition and a joint produced therewith. 2,580,308, Dec. 25.

Linder, Cyril S., Tarentum, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Transparent electroconductive article. 2,557,983, June 26.

Linder, Ernest G., Princeton, N. J., assignor to Radio Corporation of America. Vacuum tube current amplifier. 2,540,537, Feb. 6.

Linder, Ernest G., Princeton, N. J., assignor to Radio Corporation of America. Generating and/or controlling electrical energy. 2,548,225, Apr. 10.

Linder, Ernest G., Princeton, N. J., assignor to Radio Corporation of America. Generating electrical energy. 2,552,050, May 8.

Linder, Ernest G., Princeton, N. J., assignor to Radio Corporation of America. Electron discharge device and associated circuit. 2,552,334, May 8.

Linder, Ernest G., Princeton, N. J., assignor to Radio Corporation of America. Nuclear electrical generation system and method. 2,555,143, May 29.

Linder, Ernest G., Princeton, N. J., assignor to Radio Corporation of America. Detecting nuclear particles. 2,566,089, Aug. 28.

Linder, Ernest G., Princeton, N. J., assignor to Radio Corporation of America. Velocity modulated electron discharge device. 2,567,674, Sept. 11.

Linder, Ernest G., Princeton, N. J., assignor to Radio Corporation of America. Electronic high vacuum apparatus. 2,578,009, Dec. 11.

Linder, Harold, assignee: *See*—
Seserman, Samuel.

Linder, Rosalie B., New Orleans, La. Child's doll and handbag. 2,549,695, Apr. 17.

Linderman, Garrett B., Jr.: *See*—
Bach, Emmon, Gratiot, Gore, and Linderman.

Linderme, Theodore G., Detroit, Mich. Multiple drill head. 2,549,318, Apr. 17.

Linderoth, Lambert S., Jr.: *See*—
Gulbrandsen, Helge, Ballard, Linderoth, and Knowles.

Linders, Harry P., Pine Lawn, assignor to Wagner Electric Corporation, St. Louis, Mo. Stator winding machine. 2,573,976, Nov. 6.

Lindgren, Albin W., Goulds, Fla. Rock plow or scarifier. 2,573,977, Nov. 6.

Lindgren, Clarence G., Yakima, Wash. Fish reel. 2,574,216, Nov. 6

Lindgren, Hans O., Smedslatten, assignor to Aktiebolaget Separator, Stockholm, Sweden. Purifying heavy boiler oil. 2,539,915, Jan. 30.

Lindgren, Theodore H., Closter, N. J. Folding crib. 2,569,937, Oct. 2.

Lindhe, Eric G., Hastings on Hudson, assignor to Sweets Laboratories, Inc., New York, N. Y. Coated candy chewing gum and making same. 2,559,648, July 10.

Lindland, Ole, North Palo Alto, Calif. Toggle action engine mechanism. 2,539,258, Jan. 23.

Lindler, George B., assignee: *See*—
Dick, Robert T.

Lindley, Alan B., Mosman, and A. V. Hemmens, Elizabeth Bay, assignors to Electricity Meter Manufacturing Company Pty. Limited, Waterloo, near Sydney, New South Wales, Australia. Water meter. 2,566,220, Aug. 28.

Lindner, Arthur E., H. B. Harmon, and B. E. Robinson, assignors to Toledo Scale Company, Toledo, Ohio. Thrust bearing. 2,537,946, Jan. 16.

Lindner, Arthur E., and B. E. Robinson, assignors to Toledo Scale Company, Toledo, Ohio. Cutter for meat tenderizing machines. 2,554,863, May 29.
Lindner, Balthasar, Palatine, Ill. Tap root cutter. 2,547,400, Apr. 3.
Lindner, Philip J., Mount Gilead, Ohio, assignor to H-P-M Development Corporation, Wilmington, Del. Die casting machine having noninflammable fluid-actuated injection plunger. 2,557,551, June 19.
Lindo, Lionel, assignor to Beautis Foundations Mfg. Corp., New York, N. Y. Brassière. 2,554,466, May 22.
Lindorfer, William E., Detroit, Mich. Pipe for smoking tobacco. 2,560,231, July 10.
Lindquist, Benjamin E., Turlock, Calif. Apron for scrapers. 2,565,384, Aug. 21.
Lindroth, Marvin G.: *See*—
Sparrow, Hubert T., and Lindroth.
Lindsay, Charles H., assignor to American-La France-Foamite Corporation, Elmira, N. Y. Airfoam nozzle. 2,569,683, Oct. 2.
Lindsay, Edward C., Compton, Calif., and G. M. Hurley, Newton Falls, Ohio, assignors to Standard Steel Spring Company, Coraopolis, Pa. Polishing conveyer. 2,552,194, May 8.
Lindsay, Harold W., Redwood City, assignor to Ampex Electric Corporation, San Carlos, Calif. Recording head assembly. 2,551,845, May. 8.
Lindsay, Harold W., Redwood City, assignor to Ampex Electric Corporation, San Carlos, Calif. Magnetic tape recorder. 2,563,850, Aug. 14.
Lindsay, Herbert F., Los Alamos, N. Mex. Rotatably released electric plug. 2,551,382, May 1.
Lindsay, Lionel G., Los Angeles, Calif. Supporting structure for a plurality of rolls. 2,549,912, Apr. 24.
Lindsay, Lynn G., St. Paul, Minn. Valve mechanism. 2,563,539, Aug. 7.
Lindsay, Lynn G., St. Paul, and S. A. Gardner, Minneapolis, Minn.; said Gardner assignor to said Lindsay. Valve control mechanism. 2,551,445, May 1.
Lindsay, Robert W., assignee: *See*—
Boling, Ronald W.
Lindsay, Wesley N., and P. C. Wilbur, San Jose, Calif., assignors to Food Machinery and Chemical Corporation. Method of and apparatus for producing dried whole eggs. 2,571,459, Oct. 16.
Lindsey, Ansel, San Jose, Calif. Adjustable top for boats. 2,566,572, Sept. 4.
Lindsey, Earle, Laurel, Miss. Tubular rotary cutter. 2,573,462, Oct. 30.
Lindsey, Ernest E., Los Angeles, Calif. Manufacture of articles of food. 2,536,649, Jan. 2.
Lindsey, John L., Houston, Tex. Smoking article support. 2,565,864, Aug. 28.
Lindsey, Marion, Corpus Christi, Tex. Tea sirup and making same. 2,559,194, July 3.
Lindsey, Richard H., assignor to Bundy Tubing Company, Detroit, Mich. Pressure holding and dispensing container. 2,536,226, Jan. 9.
Lindsey, William H., assignor to Armstrong Siddeley Motors Limited, Coventry, England. Turbine driving aircraft accessory. 2,566,618, Sept. 4.
Lindsley, Thayer, New York, N. Y., and P. P. Alexander, assignors to Metal Hydrides Incorporated, Beverly, Mass. Reducing refractory oxides. 2,545,821, Mar. 20.
Lindstaedt, Frank F., San Anselmo, Calif. Reflector oven. 2,543,115, Feb. 27.
Lindstaedt, Frank F., San Anselmo, and C. R. Fischer, Corte Madera, said Fisher assignor to S. A. Melbostad, San Francisco, Calif. Bag filling and weighing machine. 2,546,193, Mar. 27.
Lindstaedt, Frank F., San Anselmo, and C. Fischer, Corte Madero, Calif. Bag closing machine. 2,571,460, Oct. 16.
Lindström, Alrik C., Stockholm, Sweden. Mercury switch. 2,550,073, Apr. 24.
Lindstrom, Charles M., Westerly, R. I., assignor to Bostitch, Inc., Stonington, Conn. Fastener-applying implement. 2,552,798, May 15.
Lindstrom, Charles M., Westerly, R. I., assignor to Bostitch Inc., Stonington, Conn. Stretching and tacking implement. 2,562,469, July 31.
Lindstrom, Harry E., assignor to Zephyr Manufacturing Co., Sedalia, Mo. Mop head holder. 2,559,722, July 10.
Lindstrom, Ture: *See*—
Sandin, Jerome, and Lindstrom.
Lindvall, Frederick C., Altadena, Calif., assignor to the United States of America as represented by the Secretary of the Navy. Rocket launcher. 2,550,072, Apr. 24.
Lindvall, Frederick C., Altadena, and P. E. Lloyd, Pasadena, Calif., assignors to the United States of America as represented by the Secretary of the Navy. Rocket launcher. 2,568,455, Sept. 18.
Linebaugh, Hubert E., Kansas City, Mo. Overhead track sliding door with swinging action. 2,565,383, Aug. 21.
Liner, Ernest G., Bremerton, Wash. Separable connector. 2,552,728, May 15.
Lines, Clifford R.: *See*—
Roemer, William C., and Lines.
Ling, Daniel S., Jr.: *See*—
Firestone, Floyd A., and Ling, Jr.
Ling, Walter R., Birmingham, Ala. Pressure casting apparatus. 2,561,062, July 17.
Lingal, Harry J., Forest Hills, and J. M. Cumming, Turtle Creek, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Circuit interrupter. 2,546,007, Mar. 20.
Lingen, Ralph A., and L. E. Cross, Milwaukee, Wis. Heating system controller. 2,559,253, July 3.
Lingenbrink, Hermann E. F. C., Hilltown, assignor to Philco Corporation, Philadelphia, Pa. Phonograph tone-arm indexing mechanism. 2,563,653, Aug. 7.
Lingenfelter, Robert E., Hereford, Tex. Adjustable means for changing the contour of seat back rests. 2,550,831, May 1.
Linhart, Harry M., Pitcairn, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Control apparatus for reversible internal-combustion engines with convertible air starting means. 2,550,931, May 1.
Linington, Reuben, Belle Mead, N. J. Dual hopper trap. 2,573,463, Oct. 30.
Link Aviation, Inc., assignee: *See*—
Baker, Raymond S.
Chapple, Kenneth H., and Kittredge.
Decker, George A.
Kidder, Charles J.
Schaefer, Hans F., Jr.
Wood, William W., Jr.
Link-Belt Company, assignee: *See*—
Pierce, Harold S.
Link, Edwin A.: *See*—
Steinmayer, Alwin G., and Link.
Link, Edwin A., Milwaukee, Wis., assignor to McGraw Electric Company. Transformer construction. 2,544,845, Mar. 13.
Link, Edwin A., Milwaukee, Wis., assignor to McGraw Electric Company. Vacuum mandrel. 2,567,387, Sept. 11.
Link, Edwin A., assignor to McGraw Electric Company, Milwaukee, Wis. Vacuum mandrel. 2,575,631, Nov. 20.
Link, Forest L. W., Silverton, assignor to The Schaible Company, Cincinnati, Ohio. Drain fitting. 2,569,615, Oct. 2.
Link, Harold L., Hoopeston, Ill., assignor to Food Machinery and Chemical Corporation, San Jose, Calif. Preparing cream-style corn. 2,540,745, Feb. 6.
Link, Harry W., Merion Station, Pa. Control for telemotors. 2,546,462, Mar. 27.
Link, Mary E.: *See*—
Langdon, Mary E.
Linke, Ernest A., Ridgewood, N. J., assignor to General Electric Company. Tie member for the coil windings of dynamoelectric machines. 2,575,115, Nov. 13.
Linke, Frank E., Seattle, Wash. Spring mounting for automotive vehicles. 2,539,091, Jan. 23.
Linkhart, Richard N.: *See*—
Baldsiefen, Walter D., Conrad, and Linkhart.
Linkroum, Irving E., and R. W. Twaddell, Sidney, assignors to Bendix Aviation Corporation, New York, N. Y. Spark gap. 2,540,399, Feb. 6.
Links, Julian A., San Francisco, Calif. Child's musical instrument. 2,559,777, July 10.
Linn, Carl B.: *See*—
Hanson, Olaf M., and Linn.
Wackher, Richard C., and Linn.
Linn, Carl B., Riverside, assignor to Universal Oil Products Company, Chicago, Ill. Partial hydrogenation of unsaturated conjunct polymer hydrocarbons. 2,547,274, Apr. 3.
Linn, Carl B., Riverside, assignor to Universal Oil Products Company, Chicago, Ill. Production of motor fuel and drying oil by hydrogen fluoride polymerization and alkylation. 2,563,051, Aug. 7.
Linn, Carl B., Riverside, assignor to Universal Oil Products Company, Chicago, Ill. Concentrating hydrofluoric acid. 2,564,910, Aug. 21.
Linn, Carl B., Riverside, assignor to Universal Oil Products Company, Chicago, Ill. Production of 2,3-dimethylalkanes. 2,570,574, Oct. 9.
Linn, Carl B., Riverside, and R. J. Newman, Lyons, assignors to Universal Oil Products Company, Chicago, Ill. Treatment of olefins with liquid anhydrous hydrogen bromide. 2,563,050, Aug. 7.
Linn, Carl B., and L. Schmerling, Riverside, assignors to Universal Oil Products Company, Chicago, Ill. Production of a 1-fluoro-3,3-dimethylalkane by reacting ethylene, a tertiary alkanol and hydrogen fluoride. 2,539,668, Jan. 30.
Linn, Charles E., and P. H. Hummel, assignors to Automotive Service Tools, Inc., Lansing, Mich. Micrometer gauge. 2,574,402, Nov. 6.
Linn, Clarence E., Newark, Ohio, assignor to Curtiss-Wright Corporation. Latch mechanism. 2,567,114, Sept. 4.
Linn, Jerome S., assignor to Elcon Mfg. Co., Los Angeles, Calif. Electrical switch. 2,565,863, Aug. 28.
Linn, Joseph C., assignor to Perfect Circle Corporation, Hagerstown, Ind. Apparatus and process for forming piston rings. 2,566,028, Aug. 28.
Linnard, Irvin R., Montclair, N. J. Smoker's accessory. 2,560,230, July 10.
Linneman, Fred, Estilline, S. Dak. Boat trailer. 2,564,702, Aug. 21.
Linnert, George E., Baltimore, Md., assignor, by mesne assignments, to Armco Steel Corporation. Weld rod, flux, and method. 2,544,334, Mar. 6.

Linnert, George E., Baltimore, Md., assignor to Armco Steel Corporation, Welding method and product. 2,544,335, Mar. 6.
Linnert, George E., Baltimore, Md., assignor to Armco Steel Corporation. Weld composition. 2,544,336, Mar. 6.
Linotype and Machinery Limited, assignee: *See*—
Rowlands, Tom.
Scott, Richard H., and Hayward.
Spence, Fred.
Linscott, Chester E.: *See*—
McGavack, John, and Linscott.
Linscott, Chester E., Ridgewood, N. J., assignor to United States Rubber Company, New York, N. Y. Increasing the particle size of synthetic rubber latices. 2,548,802, Apr. 10.
Linster, John T., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Production of a sulfur dye. 2,544,888, Mar. 13.
Lintner, Josef: *See*—
Lehmann, René L., and Lintner.
Linton, Ernest G., Brighton, Victoria, Australia. Collapsible push cart. 2,564,266, Aug. 14.
Linton, Alfred: *See*—
Lewis, Richard W., and Linton.
Linton, William C., Washington, D. C. Glow-tube voltage indicator. 2,575,279, Nov. 13.
Linton, William C., Washington, D. C., assignor to Fuse Indicator Corporation, Rockville, Md. Illuminated cover plate for electrical outlets. 2,575,820, Nov. 20.
Linton, William C., Washington, D. C. Pocket-size circuit tester. 2,575,821, Nov. 20.
Linton, William C., Washington, D. C. Current limiting fuse. 2,577,899, Dec. 11.
Linz, Arthur, assignor to Climax Molybdenum Company, New York, N. Y. Vanadium containing briquettes. 2,576,763, Nov. 27.
Lion Machine Corporation, assignee: *See*—
Booth, Fred C.
Lindenberg, Charles H., and Ongaro.
Lion Manufacturing Corporation, assignee: *See*—
Hooker, Donald E.
Lionel Corporation, The, assignee: *See*—
Bonanno, Joseph L.
Camuso, Romualdo.
Lipe-Rollway Corporation, assignee: *See*—
Harney, Bernard C.
Mariotte, Eugene S.
Spase, Charles B.
Lipfert, Donald E., Meriden, assignor, by mesne assignments, to Niles-Bement-Pond Company, West Hartford, Conn. Seal for rotary fuel pumps. 2,558,970, July 3.
Lipkau, Maximiliana A., Barcelona, Spain. Apparatus for delivery of predetermined volumes of liquid. 2,543,321, Feb. 27.
Lipkau, Maximiliano A., Barcelona, Spain. Automatically opening and closing a compressor intake. 2,556,623, June 12.
Lipkin, Charles, New York, N. Y. Aid for carrying out multiplication. 2,544,389, Mar. 6.
Lipkin, Harry J., Dorchester, Mass., assignor, by mesne assignments, to the United States of America as represented by the Secretary of War. Pulse-blocking circuit. 2,567,851, Sept. 11.
Lipkin, Moses R., assignor to Sun Oil Company, Philadelphia, Pa. Separating hydrocarbon fractions containing aromatics. 2,576,525, Nov. 27.
Lipman, Elmer, Detroit, Mich. Normally sealed atomizer. 2,575,632, Nov. 20.
Lipman, Maurice S., Hempstead, assignor to Republic Aviation Corporation, Farmingdale, N. Y. Liquid discharge mechanism. 2,573,207, Oct. 30.
Lipman, Michael G., Vineland, N. J. Poultry vaccinator. 2,565,865, Aug. 28.
Lipmatch Company, Ltd., The, assignee: *See*—
Bouchard, Leo J., Hammerslag, and Weiner.
Lipnicki, Bernard and R., Newington, Conn. Brake attachment. 2,544,462, Mar. 6.
Lipnicki, Romuald: *See*—
Lipnicki, Bernard and R.
Lippard, Herman I., Lake Worth, Fla. Setting means for endless type members. 2,569,013, Sept. 25.
Lippert, Hanns, and E. Hepperle, Zurich, assignors to Verwaltungsgesellschaft der Werkzeugmaschinenfabrik Oerlikon, Zurich-Oerlikon, Switzerland. Pivoted lock mechanism for breech bolts of automatic firearms. 2,536,997, Jan. 2.
Lippincott, Samuel B.: *See*—
Swaney, Miller W., and Lippincott.
Lippincott, Samuel B., and L. A. Mikeska, Westfield, N. J., assignors to Standard Oil Development Company. Lubricating oil additives. 2,542,542, Feb. 20.
Lippmann, Arthur W.: *See*—
Lippmann, Edmund E. and A. W.
Lippmann, Arthur W., assignor to Lippmann Engineering Works, Milwaukee, Wis. Gyratory crusher. 2,579,238, Dec. 18.
Lippmann, Arthur W., assignor to Lippmann Engineering Works, Milwaukee, Wis. Gyratory crusher with mating friction and drag rings on head and inner shell. 2,579,239, Dec. 18.
Lippmann, Carl E.: *See*—
Marien, Melvin W., and Lippmann.
Lippmann, Edmund E. and A. W., Milwaukee, Wis. Weighing and packaging apparatus. 2,579,237, Dec. 18.
Lippmann Engineering Works, assignee: *See*—
Lippmann, Arthur W.
Lippmann, Daniel C., New York, N. Y., assignor to Celanese Corporation of America. Comforter. 2,544,797, Mar. 13.
Lippmann, Daniel C., New York, N. Y., assignor to Celanese Corporation of America. Sweatband. 2,544,798, Mar. 13.
Lippold, Adolph J., Milwaukee, Wis., assignor to Cherry-Burrell Corporation, Chicago, Ill. Switch box. 2,548,732, Apr. 10.
Lipschultz, Harold L.: *See*—
Jacobus, Herbert R., Jr., and Lipschultz.
Lipscomb, Robert D.: *See*—
Ernsberger, Maurice L., and Lipscomb.
Lipscomb, Robert D., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparing organosilanes. 2,570,462, Oct. 9.
Lipshaw, Julius, Detroit, Mich. Eave trough cover. 2,569,568, Oct. 2.
Lipson, Leonard B., and A. W. Petchaft, Arlington, Va., assignors to The Geotronics Corporation, Dallas, Tex. Pulse-echo direction and ranging device. 2,556,201, June 12.
Lipton, Thomas J., Inc., assignee: *See*—
Bostock, Bertram R.
Liquid Carbonic Corporation, assignee: *See*—
Kantor, James.
Van Vliet, Paul D., and Homkes.
Liquid Drive Corporation, assignee: *See*—
Blank, Merton H., and Nelson.
Liquidepth Indicators Incorporated, assignee: *See*—
Jawett, Joseph A., and Bierman.
Liquidometer Corporation, The, assignee: *See*—
De Giers, Clarence A.
De Giers, Clarence A., and Edelman.
De Giers, Clarence A., and Wickesser.
Edelman, Abraham.
Wickesser, Arthur.
Lisbon, Julius E., Oakland, Calif. Nutcracker automatically adjusted to crack nuts of various sizes. 2,550,197, Apr. 24.
Lisch, Charles H., Jr., Grosse Pointe Woods, and F. Schuman, assignors to Young Brothers Company, Detroit, Mich. Transfer mechanism. 2,552,101, May 8.
Lisella, Robert A.: *See*—
Daderko, Michael, Sr., Lisella, and Daderko.
Lisk, George F., Buffalo, and G. W. Stacy, New York, N. Y., assignors to the United States of America as represented by the Secretary of War. Producing anils. 2,577,900, Dec. 11.
Lisk-Savory Corporation, assignee: *See*—
Brownell, Clifford E.
Liskey, Ernest C., Jr., Severna Park, Md. Hatch cover and locking and sealing means therefor. 2,551,750, May 8.
Lisle Corporation, assignee: *See*—
Arthur, John R.
Brooks, Thomas E.
Lisle, William G., East Bedfont, and C. R. Churn, Tilehurst, assignors to The Fairey Aviation Company Limited, Hayes, England. Pressure fluid follow-up servomotor. 2,551,273, May 1.
Lisota, Edward, Patterson, Calif. Radiator cap. 2,558,620, June 26.
Liss, Milton, assignee: *See*—
Schneider, Murray J.
Liss, Morton, Minneapolis, Minn. Attachment for cameras. 2,553,661, May 22.
Lissiansky, Alexander, Bronx, assignor to International Mutoscope Corporation, Long Island City, N. Y. Phonographic record disk. 2,565,035, Aug. 21.
Lissimore, John P., Dudley, England. Labeling machine with pneumatic label transfer and applying means. 2,542,282, Feb. 20.
Lissimore, John P., Dudley, England. Labeling apparatus. 2,565,975, Aug. 28.
Lissman, Marcel A., Cambridge, assignor to Raytheon Manufacturing Company, Newton, Mass. Rectifying system. 2,539,786, Jan. 30.
List, Hans, and E. Niedermayer, Graz, Austria, said Niedermayer assignor to said List. Evaporation cooling for horizontal piston motors. 2,549,615, Apr. 17.
Lister, George H.: *See*—
Gates, James T., Lister, and Panetta.
Lister, Samuel W., London, England. Folding flat articles. 2,569,769, Oct. 2.
Liston, Thomas R., Hamburg, S. M. Spatz, Middletown, R. A. Mazur and F. J. Glick, Buffalo, assignors to Allied Chemical & Dye Corporation, New York, N. Y. Manufacture of brominated phthalic anhydride. 2,558,862, July 3.
Litchfield, Rolland G., Metuchen, N. J., assignor to Johnson & Johnson. Garment form. 2,551,613, May 8.
Litchford, George B., Huntington, N. Y., assignor to The Sperry Corporation. Omnidirectional radio range system. 2,565,506, Aug. 28.
Litchford, George B., Huntington, N. Y., assignor to The Sperry Corporation. Scalloped limacon pattern antenna. 2,567,220, Sept. 11.

Litchford, George B., and J. Lyman, Huntington, N. Y., assignors to The Sperry Corporation. Omni-azimuth guidance system. 2,564,703, Aug. 21.
Litchford, George B., and J. Lyman, Huntington, N. Y., assignors to The Sperry Corporation. Selective azimuth signaling system. 2,572,041, Oct. 23.
Litell, John, Laurelton, and J. S. Wallis, assignors to Petro-Chem Process Company, Incorporated, New York, N. Y. Furnace header box. 2,555,552, June 5.
Litman, Bernard, Bronx, N. Y., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Axial-gap motor. 2,550,571, Apr. 24.
Litrell, Anthony R., Grant City, N. Y. Signaling counter. 2,559,723, July 10.
Litten, Edwin W., Pittsburgh, Pa. Safety escape ladder. 2,560,457, July 10.
Little, Alfred E., assignor to Busch Precision Camera Corporation, Chicago, Ill. Camera track structure. 2,580,309, Dec. 25.
Little, Arthur D., Inc., assignee: *See*—
Collins, Samuel C., and McMahon.
Eaton, Samuel E.
Fogler, Benjamin B.
Latham, Allen, Jr.
McMahon, Howard O., Bleyle, and Hinckley.
Swanton, John R., Jr.
Little, Charles H.: *See*—
Little, Charles H. and C. H.
Little, Charles H., deceased, Cleveland Heights, and C. H. Little, Cleveland, Ohio; N. H. Little, executrix of said C. H. Little, assignors to Universal Drafting Machine Corporation, Cleveland, Ohio. Counterpose mechanism for drafting machines. 2,552,335, May 8.
Little, Charles Henry, deceased, Cleveland Heights, and Charles Hubbard Little; N. H. Little, executrix of said Charles Henry Little, assignors to Universal Drafting Machine Corporation, Cleveland, Ohio. Drafting machine. 2,576,615, Nov. 27.
Little, Charles Hubbard: *See*—
Little, Charles Henry and Charles Hubbard.
Little, Donald M., Bartlesville, Okla., assignor to Phillips Petroleum Company. Increased olefin recovery in a petroleum refinery. 2,548,032, Apr. 10.
Little, Ellwood E., assignor to The Coleman Company, Inc., Wichita, Kans. Retaining cooking vessels on cooking ranges or stoves. 2,565,694, Aug. 28.
Little, Ernest L., Jr., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Catalytic process. 2,548,803, Apr. 10.
Little, George N., assignor of one-fourth to W. S. Pyle, Kansas City, one-fourth to C. O. Spangler, and one-fourth to J. L. Spangler, Independence, Mo. Pump. 2,568,646, Sept. 18.
Little, Glenn A.: *See*—
Scherr, Harry, and Little.
Little, Harry C., San Rafael, Calif. Oil burning downdraft floor furnace. 2,543,033, Feb. 27.
Little, Harry C., San Rafael, Calif. Oil burner ignition device. 2,553,975, May 22.
Little, Jack L., Port Arthur, Tex., assignor to The Texas Company, New York, N. Y. Low-temperature separation of oil from wax involving initial chilling in a film-type chiller. 2,567,646, Sept. 11.
Little, John W., Birmingham, Ala., assignor to Goslin-Birmingham Manufacturing Company, Inc. Agitator for rotary filters. 2,538,110, Jan. 16.
Little, John W., Birmingham, Ala., assignor to Goslin-Birmingham Manufacturing Company, Inc. Evaporator having means for removing tubes therefrom. 2,557,356, June 19.
Little, John W., and J. W. Kelley, Birmingham, Ala., assignors to Goslin-Birmingham Manufacturing Company, Inc. Supporting evaporators and vapor pipes thereof. 2,543,322, Feb. 27.
Little, John W., Scarsdale, N. Y., and C. S. Francis, Jr., West Harwich, Mass., assignors, by mesne assignments, to American Viscose Corporation, Wilmington, Del. Process and apparatus for transfer coating. 2,559,649, July 10.
Little, Nan H., executrix: *See*—
Little, Charles H. and C. H.
Little, Charles Henry and Charles Hubbard.
Little, William E.: *See*—
McKinstry, William S., and Little.
Littleales, Henry W., assignee: *See*—
Brookes, Samuel.
Littlefield, Ernest C., Sparta, Mich. Tube dispensing device having pivotally mounted housing members with transversely slidable pressure plates mounted therein. 2,568,286, Sept. 18.
Littlehale, Bradner M.: *See*—
Gillich, Stephen G., and Littlehale.
Littlejohn, Henry E., assignor to J. P. Stevens & Co., Inc., Greenville, S. C. Loop cutter for multiple shuttle looms. 2,573,034, Oct. 30.
Littler, Clarence A., Maple Heights, Ohio, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Water-dispersible phenothiazine powders. 2,540,131, Feb. 6.
Littleton, Jesse T., assignor to Corning Glass Works, Corning, N. Y. Preparing cellular glass slabs. 2,536,192, Jan. 2.
Littleton, William M., Dublin, Ga. Scissors sharpener. 2,556,202, June 12.
Litton, Charles V., Redwood City, Calif., assignor to Federal Telephone and Radio Corporation, New York, N. Y. Tunable magnetron. 2,551,614, May 8.
Litton, Charles V., Redwood City, Calif. Variable ramp for magnetrons. 2,555,349, June 5.
Litton, James B., Houston, and J. C. Schiller, Baytown, Tex., assignors to Standard Oil Development Company. Producing hydrocarbons. 2,540,587, Feb. 6.
Lituchy, Noel J., Cedar Rapids, Iowa, assignor to General Motors Corporation, Detroit, Mich. Shielded electrical connector for spark plugs. 2,550,014, Apr. 24.
Livadas, Louis, Springfield, Ohio. Pouring stopper for bottles. 2,546,194, Mar. 27.
Livak, John E.: *See*—
Britton, Edgar C., Vander Weele, and Livak.
Livak, John E., Clemson, S. C., and E. C. Britton, assignors to The Dow Chemical Company, Midland, Mich. Synthesis of 5-(Sec.-butyl) hydantoin. 2,553,055, May 15.
Livak, John E., Clemson, S. C., and E. C. Britton, assignors to The Dow Chemical Company, Midland, Mich. Production of methionine. 2,557,913, June 19.
Livengood, Samuel M., Pittsburgh, Pa., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Production of polyoxyethylene glycol superesters. 2,567,076, Sept. 4.
Live-Pak Seafoods Co., assignee: *See*—
Proctor, Bernard E.
Livermore, Earl L., Los Angeles, Calif. Elevation adjustment for gun-mounted telescopes. 2,569,183, Sept. 25.
Livermore, Jesse L., assignor to Princess Eve Products Corp., New York, N. Y. Retractable brush head. 2,545,091, Mar. 13.
Livers, Carlos B., North Hollywood, and L. J. Dawes, Sun Valley, Calif, assignors to Bendix Aviation Corporation, South Bend, Ind. Electromechanical stroke limit control for hydraulic motors. 2,555,046, May 29.
Liversage, Albert W., Newcastle, assignor, by mesne assignments, to Peoples First National Bank & Trust Company, Pittsburgh, Pa. Sagger pin. 2,574,878, Nov. 13.
Livesay, Patty C., Hammond, Ind., assignor to Standard Oil Company, Chicago, Ill. Positive shutoff device. 2,566,343, Sept. 4.
Livingood, Jesse F., Graysville, Pa. Steam generator. 2,536,949, Jan. 2.
Livingood, John J., and W. W. Salisbury, Cedar Rapids, Iowa, and E. S. Welch, Cambridge, Mass., assignors to the United States of America as represented by the Secretary of War. Electron discharge device of the cavity resonator type with feedback. 2,562,319, July 31.
Livingston, Dorothy S., Houston, Tex. Auxiliary load-carrying attachment for tricycles, velocipedes, and the like. 2,544,963, Mar. 13.
Livingston, Francis G., and O. B. Harmes, assignors to Livingston Tool Co., Algona, Iowa. Valve reconditioning chuck. 2,570,825, Oct. 9.
Livingston, Orrin W., Scotia, and L. R. Peaslee, Schenectady, N. Y., assignors to General Electric Company. Programming control system. 2,537,770, Jan. 9.
Livingston, Ralph, Oak Ridge, Tenn., assignor to the United States of America as represented by the United States Atomic Energy Commission. Pressure monitoring device. 2,567,519, Sept. 11.
Livingston, Ralph, and H. A. Levy, Oak Ridge, Tenn., assignors to the United States of America as represented by the United States Atomic Energy Commission. Monitor for fission gases. 2,576,616, Nov. 27.
Livingston, Robert W., East Rochester, N. Y. Drum. 2,563,346, Aug. 7.
Livingston, Stanley D., Freeport, N. Y. Magneto. 2,567,290, Sept. 11.
Livingston Tool Co., assignee: *See*—
Livingston, Francis G., and Harmes.
Livingston, Walter R., Upper Darby, and B. W. Hancox, Springfield, Pa. Tourniquet. 2,571,461, Oct. 16.
Livingstone Engineering Company, assignee: *See*—
Livingstone, Stanley.
Living Stone Establishment, assignee: *See*—
Steinhage, Heinrich and G., and Wetzels.
Livingstone, James, assignor to P. E. Livingstone, San Francisco, Calif. Rotary drilled hole enlarger. 2,566,671, Sept. 4.
Livingstone, Pearl E., assignee: *See*—
Livingstone, James.
Livingstone, Stanley, Natick, assignor to Livingstone Engineering Company, Worcester, Mass. Immersed electrode steam generator. 2,538,648, Jan. 16.
Livsey, Charlesworth: *See*—
Wade, Eric E. S., and Livsey.
Livshin, Fay, Syracuse, N. Y. Wash mitten. 2,569,067, Sept. 25.
Lizun, Augustus, Wharton, N. J. Fishing lure. 2,550,704. May 1.
Ljungberg, Karin B., Oslo, Norway. Sleeping bag. 2,537,537, Jan. 9.
Ljungfeldt, Bror Å. H., Stockholm, Sweden. Electric switch. 2,537,682, Jan. 9.
Ljunggren, Thor H.: *See*—
Bryant, William J., and Ljunggren.

Ljunggren, Thor H., Charlestown, N. H., assignor, by mesne assignments, to American Viscose Corporation, Wilmington, Del. Spinning spindle. 2,571,267, Oct. 16.

Ljunggren, Thor H., Charlestown, N. H., and F. A. Johnson, assignors to Bryant Chucking Grinder Company, Springfield, Vt. Intermittently actuated mechanism. 2,542,821, Feb. 20.

Ljungkull, Rolf E., assignor to American Hoist & Derrick Co., St. Paul, Minn. Clutch and brake mechanism. 2,539,545, Jan. 30.

Ljungström, Birger, Stockholm, Sweden. Tail-mounted jet propulsion unit for aircraft. 2,567,490, Sept. 11.

Llansó, Francisco J., Westwood, N. J. Draft calculator. 2,546,641, Mar. 27.

Llewellyn, Frederick B., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Diode oscillator. Re. 23,369, May 22.

Llewellyn, Frederick B., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Secret transmission of message intelligence. 2,543,116, Feb. 27.

Llewellyn, Walter E., Nutley, N. J., assignor to E. I. du Pont de Nemours and Company, Wilmington, Del. Polytetrafluoroethylene packing material and making same. 2,578,523, Dec. 11.

Llewelyn, Arthur I.: *See*—
Williams, Frederic C., and Llewelyn.

Llorens, Victor M., Long Island City, N. Y. Sugar shaker and dispenser. 2,578,010, Dec. 11.

Lloyd, Allen S., Washington, D. C. Adapter for a "Smith-Peterson" nail. 2,557,669, June 19.

Lloyd, Elmer J.: *See*—
Greene, Nathanael B., and Lloyd.

Lloyd, Frederick R., Grimsby, England. Pump for charging two-stroke internal-combustion engines. 2,538,463, Jan. 16.

Lloyd, J. Stanley, assignee: *See*—
Beeson, Martin L., and Sellers.

Lloyd, John T., Philadelphia, Pa. Machine for slotting Venetian blind slats. 2,543,917, Mar. 6.

Lloyd, Paul E.: *See*—
Lindvall, Frederick C., and Lloyd.

Lloyd, Randall E., Schenectady, N. Y., assignor to General Electric Company. Differential protective system. 2,574,403, Nov. 6.

Lloyd, Ray V., Tacoma, Wash. Polarizer for rifle tube sights. 2,554,864, May 29.

Lloyd, Roy D., assignor of one-half to R. L. Gardner, Pittsburgh, Pa. Snuffer structure for cigarette lighters. 2,546,128, Mar. 20.

Lloyd, Roy D., Pittsburgh, Pa. Mechanical folding jack. 2,555,350, June 5.

Lloyd, Thomas D., Sun Valley, Calif. Piston holding attachment for vise jaws. 2,579,151, Dec. 18.

Lo, Chien-Pen: *See*—
Croxall, Willard J., and Lo.

Loane, Clarence M., and L. W. Mixon, Hammond, Ind., assignors to Standard Oil Company, Chicago, Ill. Lubricants. 2,546,552, Mar. 27.

Loar, Erma C.: *See*—
Loar, John E. and E. C.

Loar, John E. and E. C., Paducah, Ky. Foldable ironing board assembly. 2,565,436, Aug. 21.

Lobasso, Vincent, New York, N. Y. Label affixing machine. 2,553,056, May 15.

Lobasso, Vincent, New York, N. Y. Label affixing machine. 2,553,057, May 15.

Lobb, John Buchanan, Southgate, London, England. Child's instructional or amusement device. 2,539,025, Jan. 23.

Lobelle, Marcel J. O., assignor to M. L. Aviation Company Limited, Maidenhead, England. Aircraft gunsight mounting. 2,569,819, Oct. 2.

Lobelle, Marcel J. O., assignor to Messrs. M. L. Aviation Company Limited, White Waltham, Maidenhead, England. Pilot seat ejector for aircraft. 2,579,683, Dec. 25.

Lobit, Jean M., Rosebank, N. Y. Keyboard. 2,541,823, Feb. 13.

Lobl, Frederick, Middleboro, Mass. Bag-type container and closure therefor. 2,571,144, Oct. 16.

Lobl, Otto, assignor to Hero Mfg. Co., Inc., Middleboro, Mass. Knitting needle. 2,561,522, July 24.

Lobo, Walter E., Westfield, assignor to The M. W. Kellogg Co., Jersey City, N. J. Explosive pulverization. 2,560,807, July 17.

Lobosco, Roscoe R., Elizabeth, N. J., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Electrical regulating system. 2,559,724, July 10.

Lobrovich, William J., Santa Clara, Calif., assignor to Continental Can Company, Inc., New York, N. Y. Pneumatic stripper. 2,579,940, Dec. 25.

Lo Bue, Philip J., assignee: *See*—
Robinson, Harold E.

Locantore, Louis, New York, N. Y. Needle-retaining spool. 2,569,684, Oct. 2.

Locatelli, Antonio V., Rome, Italy. Apparatus for forming structural compressed elements obtained by means of the expansion of elastic tubes, bags, and diaphragms inside rigid flasks. 2,542,874, Feb. 20.

Locher, Hans: *See*—
Grobe, Oskar, and Locher.

Lochhead, John L., Springfield, Mass. Selector for automatic firearms. 2,539,447, Jan. 30.

Lochman, Emil R., Milwaukee, Wis. Propeller and propeller manufacture. 2,561,705, July 24.

Lochridge, Edwin H., Los Angeles, Calif., assignor to Dental Perfection Company. Dental impression composition. 2,568,752, Sept. 25.

Lochridge, Gene C., Los Angeles, Calif. Folding cabinet bed. 2,544,762, Mar. 13.

Lock Joint Pipe Company, assignee: *See*—
Kennison, Hugh F.

Lock Thread Corporation, assignee: *See*—
Evans, Edwin R.

Lockard, Vene T., Gladstone, assignor of one-half to A. M. Gerue, Escanaba, Mich. Stripper plate with lock nut. 2,541,772, Feb. 13.

Locke, Andrew O., Denver, Colo. Mounting assembly for fluorescent fixtures. 2,569,859, Oct. 2.

Locke, Arthur A., Detroit, Mich. Egg cooker. 2,559,444, July 3.

Locke, Arthur A., Detroit, Mich. Hot beverage maker. 2,569,820, Oct. 2.

Locke, Burton H., Framingham, Mass. Antiskid cross chain and attaching means. 2,539,517, Jan. 30.

Locke, Burton H., Framingham, Mass. Belt traction means for V-pulleys. 2,548,316, Apr. 10.

Locke, George A.: *See*—
Branson, David E., Davey, Knandel, Locke, and Vanderlippe.

Locke, George A., Glenwood Landing, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Time interval measuring device. 2,536,193, Jan. 2.

Locke, George A., Glenwood Landing, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telegraph storage system. 2,569,478, Oct. 2.

Locke, Harry H., Wilkinsburg, Pa., assignor to United States Steel Company. Apparatus for determining temperatures of molten metal. 2,560,232, July 10.

Locke, Jewell G., assignor to Anchor Hocking Glass Corporation, Lancaster, Ohio. Machine for manufacturing and assembling filler partitions. 2,563,947, Aug. 14.

Locke, John P., University City, E. W. McLean, Webster Groves, and L. F. Bridge, Kirkwood, assignors to Bemis Bro. Bag Company, St. Louis, Mo. Spool. 2,579,046, Dec. 18.

Locke Steel Chain Company, The, assignee: *See*—
Newman, Ernest W.
Stegeman, Henry J.

Locke Stove Company, assignee: *See*—
Esson, Edwin.

Locker, James R., and J. H. Whitelock, Warrington, England. Electromagnetic feeding device. 2,564,538, Aug. 14.

Lockers (Engineers) Limited, assignee: *See*—
Taylor, Edward P., and Melville.

Lockhart, Hildred B.: *See*—
Dunn, Earl C., Lowman, and Lockhart.

Lockhart, Joseph C., assignee: *See*—
Herring, Arthur G.

Lockhart, Marshall L., Detroit, Mich. Hypodermic syringe. 2,574,339, Nov. 6.

Lockhart, Marshall L., Rutherford, N. J. Tubular ampoule closure. 2,556,331, June 12.

Lockhart, Marshall L., Rutherford, N. J. Syringe structure. 2,568,346, Sept. 18.

Lockhart, Marshall L., assignor to The Compule Corporation, Rutherford, N. J. Hypodermic syringe assemblies, including plural-compartment admixing ampoules for segregated storage of ingredients of liquid medicinal solutions and parts thereof. 2,576,951, Dec. 4.

Lockhart, Marshall L., assignor to The Compule Corporation, Rutherford, N. J. Crowned cupped resilient plug for cylindrical passages. 2,577,780, Dec. 11.

Lockhart, Roy R., Flintridge, Calif., assignor to Reliable Electric Company, Chicago, Ill. Wire grip indicating means. 2,572,940, Oct. 30.

Lockheed Aircraft Corporation, assignee: *See*—
Duffendack, John C., Jr., and Tjossem.
George, Melvin F., Jr., and Kleber.
George, Thomas C.
Hall, Stanley R., and Jelter.
Jansen, Harry B., and Zielinski.
Johnson, Clarence L.
Kreimendahl, Rodney.
McBrearty, Jerome F.
Mead, Ralph K., and Slaton.
Messinger, Bernard L., and Drell.
Price, Nathan C.
Redford, John E.
Simon, Eli, and Carasso.
Simon, Eli, and Thomas.
Sullivan, George C.
Thomas, Frank W., and Simon.
Thorp, John W.
White, De Loy J., and Smith.

Locki, John N., St. Louis, Mo. Floating hoist. 2,572,165, Oct. 23.

Lock Joint Pipe Company, assignee: *See*—
Gurck, Arnoldus J.
Kennison, Hugh F.

Lockley Machine Company, assignee: *See*—
Kreiner, Anthony J.
Schindler, Harold C.

Lockman, Carl J., assignor to Aktiebolaget Rosenblads Patenter, Stockholm, Sweden. Heat exchange apparatus. 2,576,843, Nov. 27.
Lockport Cotton Batting Co., assignee: *See*— Oliver, Ralph R.
Lockstad Company, assignee: *See*— Krogstad, Edward L., and Lockwood.
Lockwood, Arthur R., and G. Swift, Darlington, England, assignors, by mesne assignments, to Tell & Usher Limited, Orange, N. J. Degradation of dextran to produce a plasma substitute. 2,565,507, Aug. 28.
Lockwood, Ernest R., Joliet, Ill. Constant tension nut stop. 2,545,927, Mar. 20.
Lockwood, George B.: *See*— Krogstad, Edward L., and Lockwood.
Lockwood, Harry A., Westport, assignor to Clark Metal Products, Inc., Fairfield, Conn. Drinking glass coaster. 2,561,127, July 17.
Lockwood, John W.: *See*— Winters, William P., and Lockwood.
Lockwood, Lawrence W., Spokane, Wash. Fishing rod and reel. 2,541,876, Feb. 13.
Lockwood, Lewis B., and G. E. N. Nelson, Peoria, Ill., assignors to the United States of America as represented by the Secretary of Agriculture. Preparation of D-tartaric acid. 2,559,650, July 10.
Lockyer, John S., assignor to Ferguson Radio Corporation Limited, London, England. Cathode-ray tube. 2,579,941, Dec. 25.
Locomotive Finished Material Company, The, assignee: *See*— Stahl, Leslie W., and Young.
Loder, Donald J.: *See*— Goebel, Max T., Langston, Loder, and Siefen.
Loder, Donald J., assignor to E. I. du Pont de Nemours and Company, Wilmington, Del. Preparation of cyanoalkenes. 2,554,484, May 29.
Lodge, Alvin: *See*— Powers, Milton A., and Lodge.
Lodge, Alvin, Detroit, Mich., assignor to American Viscose Corporation, Wilmington, Del Dry spinning apparatus. 2,551,684, May 8
Lodge, Frank: *See*— Coffey, Samuel, Fairweather, Lodge, and Wardleworth. Coffey, Samuel, Haddock, Lodge, Wardleworth, and Wood. Coffey, Samuel, Lodge, and Wardleworth.
Loe, Ira G., assignor to Barters, Incorporated, Cleveland, Ohio. Peg and hole puzzle device. 2,569,637, Oct. 2.
Loeb, Julien M., Clamart, France. Apparatus materializing the paths of electrified particles moving inside a magnetic field. 2,567,647, Sept. 11.
Loeb, Noel, and B. A. Margolis, Kansas City, Mo. Dispensing cover for open ends of containers for granular material having a spring-biased reciprocable valve. 2,537,415, Jan. 9.
Loechl, Clarence J.: *See*— Powers, Michael M., and Loechl.
Loeffler, Edmund J., Glendale, Calif. Device for applying liquid from a container to the hair. 2,550,832, May 1.
Loeffler, Jacob F.: *See*— Ivory, Harry S., and Loeffler.
Loeher, Lois E.: *See*— Loeher, Walter W., Jr., and L. E.
Loeher, Walter W., Jr., and L. E., Milwaukee, Wis. Collapsible hood for kitchen stoves. 2,551,026, May 1.
Loepsinger, Albert J., assignor to Grinnell Corporation, Providence, R. I. Nozzle. 2,554,200, May 22.
Loertz, Fred, Jr., Columbus, Ind. Roller skate. 2,552,987, May 15.
Loether, Raymond H., Pittsburgh, Pa. Safety match pack holder. 2,542,339, Feb. 20.
Loew, Theodore, Brooklyn, assignor to Trubenizing Process Corporation, New York, N. Y. Sewing machine presser foot. 2,570,464, Oct. 9.
Loewe, Peter L., Chicago, Ill., assignor to G. F. Goodson, Detroit, Mich. Piston construction. 2,556,698, June 12.
Loewe, Peter L., and E. L. Boyce, assignors, by mesne assignments, to Pioneer Gen-E-Motor Corporation, Chicago, Ill. Lawn mower with removable reel. 2,547,401, Apr. 3.
Loewenfeld, Irene: *See*— Lowenstein, Otto, Loewenfeld, and Klapper.
Loewenstein, Fritz, Newport, Del., assignor to J. E. Workman, Inc. Timing device. 2,556,095, June 5.
Loewi, Mortimer W., Golden Beach, Fla., O. G. Furman, St. Albans, N. Y., and B. L. Mueller, Woodridge, assignors to Allen B. Du Mont Laboratories, Inc., Passaic, N. J. Rotatable cabinet and mechanism. 2,571,903, Oct. 16.
Loewi, Siegfried, Tel Aviv, Palestine. Laminated insole with arch support. 2,579,592, Dec. 25.
Loewy Engineering Company Limited, The, assignee: *See*— Fernbach, Hans R. Henschker, Erhard, and Hachenburg.
Loewy, Erwin, assignee: *See*— Wood, Frank J., Jr.
Loewy, Raymond: *See*— Caesar, Orville S., and Loewy.
Loewy, Raymond G. F., Sands Point, N. Y., assignor to The Pennsylvania Railroad Company, Philadelphia, Pa. Passenger vehicle. 2,536,194, Jan. 2.
Loewy, Raymond, Sands Point, N. Y. Transparent block radio cabinet. 2,539,146, Jan. 23.
Loewy, Raymond G. F., Sands Point, N. Y., assignor to The Pennsylvania Railroad Company, Philadelphia, Pa. Passenger vehicle. 2,545,523, Mar. 20.
Lofdahl, Lyle J., Omaha, Nebr., and J. K. Gunther, Galesburg, assignors to Swift & Company, Chicago, Ill. Glycerin refining. 2,578,816, Dec. 18.
Lofgren, Bruce G., Denver, Colo. Foot measuring device. 2,546,161, Mar. 27.
Lofgren, Charles O., Ann Arbor, Mich., assignor to American Broach & Machine Company. Broaching machine. 2,571,904, Oct. 16.
Lofgren, Gustaf E., Riverside, assignor to Electrolux Corporation, Old Greenwich, Conn. Suction nozzle with valve for concentrating air flow at the end thereof. 2,555,979, June 5.
Lofgren, Gustaf E., Riverside, assignor to Electrolux Corporation, Old Greenwich, Conn. Vacuum cleaner. 2,564,469, Aug. 14.
Lofgren, Gustaf E., Riverside, assignor to Electrolux Corporation, Old Greenwich, Conn. Suction cleaner. 2,567,221, Sept. 11.
Löfgren, Sigfrid, assignor to Madrass-Fabriken Dux Aktiebolag, Malmo, Sweden. Sitting furniture. 2,550,361, Apr. 24.
Lo Forese, Carman, Brooklyn, N. Y. Punching and reinforcing device for sheet material. 2,561,387, July 24.
Loft, Arne: *See*— Gardiner, Cecil M., and Loft.
Loftus, Clarence J., assignee: *See*— Reilly, Frank J.
Loftus, George H., Ridgewood, N. J., assignor to Radium Chemical Company Inc., New York, N. Y. Radium nasopharyngeal applicator. 2,546,761, Mar. 27.
Loftus, Nadea, and J. Butler, New York, N. Y. Girdle. 2,565,866, Aug. 28.
Logan, A. J., Company, assignee: *See*— Pearce, George W.
Logan, Frank G., Mount Vernon, N. Y., assignor to Ward Leonard Electric Company. Electric controlling apparatus. 2,558,572, June 26.
Logan, George T., New Hope, Pa. Open end ratcheting wrench. 2,537,838, Jan. 9.
Logan, Henry A., Heflin, and C. N. Wilcher, Sr., Minden, La. Folding awning. 2,579,198, Dec. 18.
Logan, Ian M.: *See*— Schroeder, Herbert S., and Logan.
Logan, Joseph A.: *See*— Bills, Philip H., Logan, and Mesh.
Logan, Joseph A., Hadley, and E. V. Lavallee, South Hadley, assignors to Gilbert & Barker Manufacturing Company, West Springfield, Mass. Valve stop for hoze nozzles. 2,577,255, Dec. 4.
Logan Laboratories, Inc., assignee: *See*— Christina, Vincent.
Logan, Malcolm H., and A. O. Criswell, Boise, Idaho. Petrographic slide holder. 2,549,830, Apr. 24.
Logan, Nicholas A., Gary, Ind. Vehicle constructional toy. 2,545,155, Mar. 13.
Logan, Otis A., Kansas City, Mo. Invalid bed. 2,547,827, Apr. 3.
Logan, Roland F., Los Angeles, Calif. Injury pad. 2,572,360, Oct. 23.
Logan, Roland F., Los Angeles, Calif. Portable dummy for athletic training. 2,574,046, Nov. 6.
Logan, Ulysses S., Shorewood, Wis. Hanger bracket. 2,547,222, Apr. 3.
Logan, William W., East Orange, assignor, by mesne assignments, to Atlas Supply Company, Newark, N. J. Motor analyzer. 2,573,208, Oct. 30.
Logansport Machine Co., Inc., assignee: *See*— Becker, Robert E.
Logic, Charles R., South Milwaukee, Wis. Opening containers. 2,571,590, Oct. 16.
Logie, Thomas T., assignor to The Stratfield Company, Bridgeport, Conn. Container. 2,550,362, Apr. 24.
Logmann, Arthur A., and G. C. Meyers, Michigan City, Ind., assignors to Pullman-Standard Car Manufacturing Company, Chicago, Ill. Lading strap anchor for freight cars. Re. 23,394, July 24.
Logue, Floyd, Shelbyville, Ill. Sachet holder. 2,555,047, May 29.
Lohman, Ralph W., Portland, Oreg. Electrode type liquid heater and steam generator. 2,556,656, June 12.
Lohman, Ralph W., Portland, Oreg. Electric steam generator. 2,571,462, Oct. 16.
Lohmann-Werke A. G., assignee: *See*— Teegen, Hermann.
Lohmar, Rolland L., Jr., Morton, Ill., assignor to the United States of America as represented by the Secretary of Agriculture. Phosphates of amylaceous polysaccharides. 2,575,352, Nov. 20.
Lohr, Clarence W.: *See*— Van Uum, John H., Emming, and Lohr.
Lohr, George A., Arlington, Va. Photographic lettering device. 2,537,069, Jan. 9.
Lohrman, William V.: *See*— Silver, Walter H., and Lohrman.
Lohse, Edward: *See*— Libman, Earl E., and Lohse.
Lohutko, Floryan, Detroit, Mich., assignor to The Thompson Grinder Company, Springfield, Ohio. Device for dressing grinding wheels. 2,560,654, July 17.

Lohutko, Floryan, Detroit, Mich., assignor to The Thompson Grinder Company, Springfield, Ohio. Apparatus for grinding gears and gear cutters. 2,560,967, July 17.

Lolkema, Jan, Hoogezand, Netherlands; vested in the Attorney General of the United States. Producing ethers and esters of carbohydrates. Re. 23,443, Dec. 18.

Lolkema, Jan, Hoogezand, assignor to Naamlooze Vennootschap: W. A. Scholten's Chemische Fabrieken, Groningen, Netherlands. Dry infant food. 2,559,022, July 3.

Lolkema, Jan, and C. M. H. Kool, Hoogezand, assignors to Naamlooze Vennootschap: W. A. Scholten's Chemische Fabrieken, Groningen, Netherlands. Forming insoluble layers from carbohydrates. 2,541,773, Feb. 13.

Lolkema, Jan, Hoogezand, and W. A. van der Meer, Haren, assignors to Naamlooze Vennootschap: W. A. Scholten's Chemische Fabrieken, Groningen, Netherlands. Manufacturing dry starch preparations soluble in cold water. 2,542,932, Feb. 20.

Lolkema, Jan, Hoogezand, and W. A. van der Meer, Haren, assignors to Naamlooze Vennootschap: W. A. Scholten's Chemische Fabrieken, Groningen, Netherlands. Manufacturing dry starch preparations soluble in cold water. 2,542,933, Feb. 20.

Lolkema, Jan, Hoogezand, H. A. van Weston, Amsterdam, and J. V. Vlugter, Oberveen, assignors to Naamlooze Vennootschap: WA. Scholten's Chemische Fabrieken, Groningen, Netherlands. Manufacturing hexitols by catalytic reduction of carbohydrates. 2,546,103, Mar. 20.

Lolkema, Jan, Hoogezand, and W. A. van der Meer, Haren, assignors to Naamlooze Vennootschap W. A. Scholten's Chemische Fabrieken, Groningen, Netherlands. Starch preparation soluble in cold water and making the same. 2,562,558, July 31.

Lolkema, Jan, Hoogezand, and W. A. van der Meer, Haren, assignors to Naamlooze Vennootschap: W. A. Scholtens Chemische Fabrieken, Groningen, Netherlands. Manufacturing starch solutions. 2,575,423, Nov. 20.

Lolli, John, and G. Papitto, Chicago Heights, Ill. Automatic station selecting and tuning device for radio receivers. 2,545,553, Mar. 20.

Lomax, Clarence E., assignor to Automatic Electric Laboratories, Inc., Chicago, Ill. Measured service telephone system. 2,546,605, Mar. 27.

Lomax, Clarence E., assignor to Automatic Electric Laboratories, Inc., Chicago, Ill. Combined line and metering relay and associated circuits. 2,546,644, Mar. 27.

Lomax, Clarence E., assignor to Automatic Electric Laboratories, Inc., Chicago, Ill. Impulse correcting repeater-selector system. 2,549,696, Apr. 7.

Lomax, Clarence E., assignor to Automatic Electric Laboratories, Inc., Chicago, Ill. Party line selective signalling system having code and conference call. 2,552,799, May 15.

Lomax, Clarence E., assignor to Automatic Electric Laboratories, Inc., Chicago, Ill. Testing system employing test distributor switches and test connector switches. 2,562,362, July 31.

Lomax, Clarence E., assignor to Automatic Electric Laboratories, Inc., Chicago, Ill. Automatic measured service telephone system. 2,577,688, Dec. 4.

Lomax, Clarence E., Chicago, and H. Sengebusch, Villa Park, assignors to Automatic Electric Laboratories, Inc., Chicago, Ill. Telephone system. 2,542,283, Feb. 20.

Lomax, John, Kew Gardens, assignor to Electrographic Corporation, New York, N. Y. Re-etching electrotypes. 2,564,659, Aug. 21.

Lombard, Adrian A., Clitheroe, assignor to Rolls-Royce Limited, Derby, England. Variable-area nozzle for downstream end of jet pipe in jet propulsion units. 2,575,879, Nov. 20.

Lombard, Adrian A., Clitheroe, assignor to Rolls-Royce Limited, Derby, England. Gas turbine power plant with auxiliary compressor supplying cooling air for the turbine. 2,578,481, Dec. 11.

Lombard, Adrian A., Allestree, K. I. C. Vincent, Alvaston, and F. W. W. Morley, Aston-on-Trent, assignors to Rolls-Royce Limited, Derby, England. Axial-flow compressor on turbine. 2,579,745, Dec. 25.

Lombard, Adrian A., Clitheroe, and W. E. Dazeley, Twiston, near Clitheroe, assignors to Rolls-Royce Limited, Derby, England. Manufacturing guide vanes for axial flow turbines and compressors. 2,565,925, Aug. 28.

Lombard, José S., Habana, Cuba. Humidifier. 2,561,805, July 24.

Lombard, Robert H.: *See*—
Milligan, Lowell H., and Lombard.

Lombardo, Anthony, Brooklyn, N. Y. Watch or other strap buckle guard. 2,554,369, May 22.

Lombardo, Joseph, Chicago, Ill. Apparatus for refinishing floors. 2,547,223, Apr. 3.

Lombardo, Samuel P., and W. W. Taylor, Bay St. Louis, Miss. Adjustable window awning. 2,536,755, Jan. 2.

Lomholt, Carl, Bogota, N. J., assignor to Federal Telephone and Radio Corporation, New York, N. Y. Relay. 2,538,020, Jan. 16.

Lomholt, Carl, Bogota, N. J., assignor to Federal Telephone and Radio Corporation, New York, N. Y. Insulator for pile-up switches. 2,565,508, Aug. 28.

Londerman, John L., Oakland, and T. Wolfe, Pasadena, Calif. Footrest for reclining seat chairs which is convertible into a table. 2,555,144, May 29.

Londo, Peter D., San Diego, Calif. Combined pin tumbler and bit key lock. 2,550,833, May 1.

London, Milton H., Detroit, Mich. Ticket pad. 2,571,268, Oct. 16.

Lone Star Cement Corporation, assignee: *See*—
Swayze, Myron A.

Loney, Frederick R., Denver, Colo. Automatically opening and closing lifting hook. 2,574,835, Nov. 13.

Loney, Hugh W., assignor to C. G. Conn., Ltd., Elkhart, Ind. Woodwind instrument. 2,555,980, June 5.

Loney, Hugh W., assignor to C. G. Conn, Ltd., Elkhart, Ind. Saxohpone shield. 2,570,354, Oct. 9.

Long, Alfred A., Los Angeles, Calif. Display counter. 2,567,388, Sept. 11.

Long, Armistead R. and J. B., Fayetteville, W. Va. Pan for chain conveyers. 2,536,950, Jan. 2.

Long, Betty R.: *See*—
Long, Walter H. and B. R.

Long, Carl E., Santa Monica, Calif., assignor, by mesne assignments, to Hardman Tool & Engineering Co. Service table for vehicle seats. 2,563,347, Aug. 7.

Long, Charles A., assignor to Struthers Wells Corporation, Titusville, Pa. High-pressure closure for autoclaves and the like. 2,545,290, Mar. 13.

Long, Douglas P., Chislehurst, Kent, assignor to Siemens Brothers & Company Limited, London, England. Automatic selecting switch. 2,541,593, Feb. 13.

Long, Douglas P., Chislehurst, assignor to Siemens Brothers & Co. Limited, London, England. Marker control apparatus for group selectors. 2,548,673, Apr. 10.

Long, E., Limited, assignee: *See*—
Lancaster, Arthur W.

Long, Eli M., Geneva, and J. F. McCarthy, Oaks Corners, assignors to Shuron Optical Company, Inc., Geneva, N. Y. Lens chuck. 2,573,668, Oct. 30.

Long, Frank V., assignee: *See*—
Lee, Joseph F.

Long, Fred M.: *See*—
Jones, William H., Long, and Krebs.

Long, George, St. Louis Park, Minn., assignor to General Mills, Inc. Switch operating mechanism. 2,549,616, Apr. 17.

Long, George B., assignor to General Motors Corporation, Dayton, Ohio. Apparatus for purging containers. 2,537,416, Jan. 9.

Long, Grover C., Washington, D. C. Rotary plug valve. 2,554,040, May 22.

Long, Grover C., Washington, D. C. Valve. 2,564,223, Aug. 14.

Long, Guerry B., Sr.: *See*—
Reaves, Claude H., and Long.

Long, Harry G., Los Angeles, Calif. Molded plastic basket. 2,556,590, June 12.

Long, James: *See*—
McKinley, Orman O., and Long.

Long, John A., assignor to Photoswitch, Incorporated, Cambridge, Mass. Electronic level control. 2,573,035, Oct. 30.

Long, John B.: *See*—
Long, Armistead R. and J. B.

Long, John H., Flushing, assignor to Faximile, Inc., New York, N. Y. Double motor drive synchronizing system. 2,543,787, Mar. 6.

Long, John H., New York, N. Y., assignor to the United States of America as represented by the Secretary of the Navy. Magnetic deflection gauge. 2,538,158, Jan. 16.

Long, John R., and E. L. Stroh, assignors to P. R. Mallory & Co., Inc., Indianapolis, Ind. Control device. 2,554,534, May 29.

Long, John R., and G. O. Puerner, assignors to P. R. Mallory & Co., Inc., Indianapolis, Ind. Control device. 2,554,535, May 29.

Long, John R., and E. L. Stroh, assignors to P. R. Mallory & Co., Inc., Indianapolis, Ind. Thermally-actuated circuit control device. 2,556,502, June 12.

Long, L. D., assignee: *See*—
Cotner, John C.

Long, Leo B., Olympia, Wash. Removable protector for handles of telephone handsets. 2,575,280, Nov. 13.

Long, Loren M., Grosse Pointe Woods, assignor to Parke, Davis & Company, Detroit, Mich. Acylamino acetophenones and preparation thereof. 2,546,762, Mar. 27.

Long, Loren M., assignor to Parke, Davis & Company, Detroit, Mich. Obtaining a 5-phenyl-5-lower alkyl hydantoin. 2,561,284, July 17.

Long, Loren M., Grosse Pointe Woods, assignor to Parke, Davis & Company, Detroit, Mich. Derivatives of organic amino alcohols and obtaining the same. 2,562,107, July 24.

Long, Loren M., Grosse Pointe Woods, and H. D. Troutman, Ferndale, assignors to Parke, Davis & Company, Detroit, Mich. Acylamido-hydroxy-propionaphthones. 2,545,092, Mar. 13.

Long, Loren M., Grosse Pointe Woods, and H. D. Troutman, Ferndale, assignors to Parke, Davis & Company, Detroit, Mich. Acylamino-acyloxy-propionaphthones. 2,545,093, Mar. 13.

Long, Loren M., Grosse Pointe Woods, and H. D. Troutman, Ferndale, assignors to Parke, Davis & Company, Detroit, Mich. Acylated amino diols. 2,545,094, Mar. 13.
Long, Loren M., Grosse Pointe Woods, and H. D. Troutman, Ferndale, assignors to Parke, Davis & Company, Detroit, Mich. Polyacylated amino diols. 2,545,095, Mar. 13.
Long, Loren M., Grosse Pointe Woods, and H. D. Troutman, Ferndale, assignors to Parke, Davis & Company, Detroit, Mich. Naphthyl-amino-propanediols. 2,545,096, Mar. 13.
Long, Loren M., Grosse Pointe Woods, and N. D. Jenesel, assignors to Parke, Davis & Company, Detroit, Mich. Furane compounds. 2,547,712, Apr. 3.
Long, Loren M., Grosse Pointe Woods, and N. D. Jenesel, assignors to Parke, Davis & Company, Detroit, Mich. Furane amido ketone compounds. 2,547,713, Apr. 3.
Long, Loren M., Grosse Pointe Woods, and N. D. Jenesel, assignors to Parke, Davis & Company, Detroit, Mich. Furane amino keto compounds. 2,547,714, Apr. 3.
Long, Marion V., Berkeley, assignor to Shell Development Company, San Francisco, Calif. Magnetic testing device. 2,540,588, Feb. 6.
Long, Marion V., Berkeley, assignor to Shell Development Company, San Francisco, Calif. Magnetic testing recording system for metallic bodies. 2,540,589, Feb. 6.
Long, Mary M., assignee: *See*—
Smith, Fred J.
Long, Richard H., assignor to Bendix Aviation Corporation, South Bend, Ind. Transmission operating mechanism. 2,554,304, May 22.
Long, Richard H., assignor to Bendix Aviation Corporation, South Bend, Ind. Transmission operating mechanism. 2,557,791, June 19.
Long, Richard H., assignor to Bendix Aviation Corporation, South Bend, Ind. Clutch and throttle control mechanism. 2,580,107, Dec. 25.
Long, Richard H., and E. R. Price, assignors to Bendix Aviation Corporation, South Bend, Ind. Transmission operating mechanism. 2,580,108, Dec. 25.
Long, Robert S.: *See*—
Clauser, Herbert C., and Long.
Denton, John J., and Long.
Long, Robert S., Plainfield, N. J., and C. W. Smart, Decatur, Ga., assignors to American Cyanamid Company, New York, N. Y. Metallized azo dyes. 2,556,743, June 12.
Long, Robert W., San Pedro, assignor to Union Oil Company of California, Los Angeles, Calif. Dinitronaphthenes. 2,551,027, May 1.
Long, Robert W., Tallahassee, Fla., assignor, by mesne assignments, to Standard Oil Development Company, Elizabeth, N. J. System and method for analyzing substance by mass spectrometry. 2,543,859, Mar. 6.
Long, Robert W., Winter Park, Fla., assignor, by mesne assignments, to Standard Oil Development Company, Elizabeth, N. J. Method and apparatus for analyzing substance by mass spectrometry. 2,541,656, Feb. 13.
Long, Sydney W. H.: *See*—
Whitehead, William A., and Long.
Long, Thomas H., assignor to C. G. Conn, Ltd., Elkhart, Ind. Variable frequency oscillator. 2,546,645, Mar. 27.
Long, Verne V., Torrington, Wyo. Saw and grinder attachment for drill presses. 2,555,048, May 29.
Long, W. Lundford, assignee: *See*—
Furman, William H., and Whitesides.
Long, Walter H. and B. R., San Luis Obispo, Calif. Auxiliary seat for baby buggies and fastening means therefor. 2,560,458, July 10.
Longacre, George W.: *See*—
Reiskind, Hillel I., and Longacre.
Longacre, Henry C. M., Floral Park, N. Y., assignor to Sylvania Electric Products, Inc. Enclosed variable condenser. 2,556,846, June 12.
Longaker, Edgar L., Collegeville, Pa., assignor to The Electric Storage Battery Company. Storage battery terminal. 2,578,191, Dec. 11.
Longenecker, Charles I., Wauwatosa, assignor to Chain Belt Company, Milwaukee, Wis. Apparatus for pumping concrete. 2,548,733, Apr. 10.
Longenecker, Levi S., Pittsburgh, Pa. Compensated furnace chamber enclosure structure. 2,561,933, July 24.
Longfellow, Earl E., assignor, by mesne assignments, to De Puy Manufacturing Company, Inc., Warsaw, Ind. Surgical blade-plate driver and extractor. 2,536,296, Jan. 2.
Longfellow, Earl E., assignor, by mesne assignments, to De Puy Manufacturing Company, Inc., Warsaw, Ind. Surgical appliance and fixation of bone fragments. 2,537,070, Jan. 9.
Longfellow, Earl E., assignor, by mesne assignments, to De Puy Manufacturing Company, Inc., Warsaw, Ind. Screw holding screw driver. 2,579,438, Dec. 18.
Longfellow, Harold R., Baltimore, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Apparatus for preventing static charges from collecting on articles in a dispensing hopper. 2,547,132, Apr. 3.
Longhenrich, Walter M., Florissant, assignor to Skinner & Kennedy Company, St. Louis, Mo. Combined case and key chain holder. 2,554,303, May 22.
Loughren, Arthur V., Great Neck, N. Y., assignor to Hazeltine Research, Inc., Chicago, Ill. Wave-signal sampling arrangement. 2,564,578, Aug. 14.
Longines-Wittnauer Watch Co. Inc., assignee: *See*—
Hopp, Harold P., and Kunzelman.
Newhouse, Leon M.
Longini, Charles, Cincinnati, Ohio. Making slip-lasted shoes having metatarsal pads. 2,569,184, Sept. 25.
Longini, Richard L.: *See*—
Hunter, Lloyd P., and Longini.
Longini, Richard L., Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. X-ray thickness gauge. 2,542,822, Feb. 20.
Longini, Richard L., Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Conversion system. 2,549,831, Apr. 24.
Longini, Richard L., Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Electron diffraction detector system. 2,561,988, July 24.
Longini, Richard L., Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Zinc sulfide X-ray phosphors. 2,571,905, Oct. 16.
Longini, Richard L., Pittsburgh, Pa., L. P. Hunter, Oak Ridge, Tenn., and W. M. Siebert, Pittsburgh, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Protection of phosphors from attack by alkali vapors. 2,554,257, May 22.
Longley, Raymond I., Jr.: *See*—
Emerson, William S., and Longley.
Shafer Theodore C., and Longley.
Longmire, Conrad L., Boston, Mass., assignor, by mesne assignments, to the United States of America as represented by the Secretary of War. Pulse equalizer. 2,543,462, Feb. 27.
Longnecker, Benjamin O., Fayetteville, N. Y. Toecap reinforcement for shoes. 2,537,901, Jan. 9.
Longstreet, James R., Bedford, assignor to The Warner & Swasey Company, Cleveland, Ohio. Machine tool. 2,542,419, Feb. 20.
Longsworth, Lewis G., New York, N. Y., assignor to the United States of America as represented by the United States Atomic Energy Commission. Method and apparatus for control of boundary between electrolytic fluids. 2,563,729, Aug. 7.
Lonne, Ingvar, Roscoe, Calif. Mechanically operated shaver. 2,568,287, Sept. 18.
Lonnee, Clifford J.: *See*—
Olsen, Ernest R., Flora, and Lonnee.
Lonier, Randolph A., Riverside, assignor to E. W. Zimmerman, Chicago, Ill. Fluid dispensing apparatus for concrete mixers. 2,557,386, June 19.
Lonngren, Bruno L.: *See*—
Davidson, Trevor O., and Lonngren.
Lonngren, Bruno L., assignor to Bucyrus-Erie Company, South Milwaukee, Wis. Multiple control for brake mechanism. 2,569,479, Oct. 2.
Lonngren, Harald E., New York, N. Y. Treating black liquors. 2,568,239, Sept. 18.
Loofbourrow, Alan G., Birmingham, assignor to Chrysler Corporation, Highland Park, Mich. Stuffing box for boats. 2,562,624, July 31.
Loomis, Charles M., Plymouth, Mich. Manicure device. 2,540,625, Feb. 6.
Loomis, Crawford C., Ilion, and K. J. Lowe, deceased, late of Ilion, N. Y., by J. A. Lowe, administratrix, Ilion, N. Y., assignors to Remington Arms Company, Inc., Bridgeport, Conn. Mechanism to convert a firearm from semiautomatic to full automatic action. 2,568,198, Sept. 18.
Loomis, Demetrios P., Flushing, N. Y. Container and cap therefor. 2,550,572, Apr. 24.
Loomis, Eugene C.: *See*—
Seegers, Walter H., Loomis, and Ware.
Loomis, George P.: *See*—
Sarbach, Donald V., and Loomis.
Loomis, Lawrence L., assignor of fifty per cent to H. Halverson, Eleva, Wis. Sewer rod reel. 2,577,532, Dec. 4.
Loomis, Peter B., Birmingham, Mich. Roller for moving heavy objects. 2,541,928, Feb. 13.
Loomis, Vawn, Wichita, Kans. Pancake turner. 2,563,255, Aug. 7.
Looney, Jim E., Tulsa, Okla. Valve. 2,561,028, July 17.
Looney, Marma D., Borger, Tex. Garment hanger. 2,556,139, June 5.
Looney, William E., Detroit, Mich. Automatic transmission. 2,569,685, Oct. 2.
Loos, Marie, Fort Wayne, Ind. Eye shield. 2,572,638, Oct. 23.
Loose, Theron C., Elyria, Ohio. Pallet stacking device. 2,579,685, Dec. 25.
Loosjes, Robert: *See*—
Lemmens, Hendricus J., Jansen, and Loosjes.
Lopata, Ira L., Elizabeth, N. J. Emulsifier device. 2,552,195, May 8.
Loper, Douglas A.: *See*—
Young, Howard H., Loper, and Fields.
Loper, George B., Dallas, Tex., assignor, by mesne assignments, to Socony-Vacuum Oil Company Incorporated, New York, N. Y. Electron beam vacuum tube. 2,545,822, Mar. 20.
Lopez, Adrián, New Orleans, La. Driving connection for watchmakers' lathes. 2,552,682, May 15.
Lopez, Ralph, San Francisco, Calif. Self-loading oven for baking bread. 2,536,756, Jan. 2.
Lopez, Warren E., assignee: *See*—
Martin, Gilbert E., and Lopez.

Lopker, Edwin B., East Orange, N. J., assignor to Allied Chemical & Dye Corporation, New York, N. Y. Heat exchange apparatus. 2,566,929, Sept. 4.
Lopolito, Francisco, Buenos Aires, Argentina. Injection syringe. 2,575,281, Nov. 13.
Lorac Company, Inc., The, assignee: *See*—
Carroll, John, Jr.
Lorand, Eugene J.: *See*—
Bishop, William T., Lorand, and Reese.
Lorand, Eugene J., assignor to Hercules Powder Company, Wilmington, Del. Emulsion polymerization of unsaturated organic compounds. 2,569,480, Oct. 2.
Lorand, Eugene J., assignor to Hercules Powder Company, Wilmington, Del. Homogeneous polymerization of unsaturated organic compounds. 2,569,481, Oct. 2.
Lorand, Eugene J., and J. E. Reese, assignors to Hercules Powder Company, Wilmington, Del. Oxidation of aromatic hydrocarbons. 2,548,435, Apr. 10.
Lord, Arthur H., Jr.: *See*—
Teichmann, Charles F., Lee, and Lord.
Herzog, Gerhard, Lord, Evans, and Heath.
Lord, Arthur H., Jr., Houston, and E. Pancake, Bellaire, Tex., assignors to The Texas Company, New York, N. Y. Prospecting. 2,562,929, Aug. 7.
Lord, Arthur V., assignor to Pye Limited, Cambridge, England. Sound on sync separation system. 2,563,684, Aug. 7.
Lord, Arthur V., and J. E. Cope, assignors to Pye Limited, Cambridge, England. Receiver for time modulated electric pulses. 2,563,256, Aug. 7.
Lord, Edwin J., Milwaukee, Wis. Jack. 2,537,839, Jan. 9.
Lord, Francis L. B., assignor of one-fourth to V. C. Grew, Orange, N. J., and three-eighths to E. T. Roe, Pleasantville, N. Y. Battery terminal connector. 2,571,145, Oct. 16.
Lord, George, Stambaugh, Mich. Sliding spool fishing reel. 2,566,344, Sept. 4.
Lord, Harold W., Schenectady, N. Y., assignor to General Electric Company. Electronic integrating circuit. 2,541,824, Feb. 13.
Lord, Harold W., Schenectady, N. Y. assignor to General Electric Company. Voltage rectifier circuit. 2,553,323, May 15.
Lord, Harold W., Schenectady, N. Y., assignor to General Electric Company. Wide band audio and video transformer. 2,553,324, May 15.
Lord, Kenneth M., and P. N. Bredesen, assignors to Lord Taber Company, Canandaigua, N. Y. Alarm system with circuit integrity checking means. 2,556,363, June 12.
Lord Manufacturing Company, assignee: *See*—
Gifford, Allen G.
Wallerstein, Leon, Jr.
Lord, Ottomar, assignee: *See*—
Erdelyi, Serge.
Lord Taber Company, assignee: *See*—
Lord, Kenneth M., and Bredesen.
Lord, Wilfrid, Rochdale, England, assignor to Dunlop Tire and Rubber Corporation, Buffalo, N. Y. Belting. 2,570,576, Oct. 9.
Lord, William E., Harlington, assignor to Electric and Musical Industries Limited, Hayes, England. Sound recording disk. 2,578,892, Dec. 18.
Loré, Matthew A. G., Blackpool, England. Model railway track. 2,547,586, Apr. 3.
Loree, Minton R., Mount Morris, Mich. Fish stringer apparatus. 2,567,775, Sept. 11.
Lorentzen, Hans K., Montclair, N. J., assignor to Lorentzen Hardware Mf'g. Corp., New York, N. Y. Apparatus for packaging Venetian blind installation brackets. 2,554,624, May 29.
Lorentzen Hardware Mf'g. Corp., assignee: *See*—
Cusumano, Rudolph.
Lorentzen, Hans K.
Nelson, Harry.
Lorenz, Anton, Buffalo, N. Y. Reclining article of furniture. 2,536,195, Jan. 2.
Lorenz, Anton, Buffalo, N. Y. Reclining article of furniture. 2,567,222, Sept. 11.
Lorenz, Anton, Buffalo, N. Y. Foldable reclining article of furniture. 2,571,463, Oct. 16.
Lorenz, Anton, Buffalo, N. Y. Reclining article of furniture. 2,575,880, Nov. 20.
Lorenz, Anton, Buffalo, N. Y. Reclining article of furniture. 2,575,881, Nov. 20.
Lorenz, Anton, Buffalo, N. Y. Reclining article of furniture. 2,576,465, Nov. 27.
Lorenz, Anton, Buffalo, N. Y. Reclining article of furniture. 2,576,466, Nov. 27.
Lorenz, Anton, Buffalo, N. Y. Reclining article of furniture. 2,578,311, Dec. 11.
Lorenz, Anton, Buffalo, N. Y. Reclining article of furniture. 2,578,708, Dec. 18.
Lorenz, Anton, Buffalo, N. Y. Reclining article of furniture. 2,579,502, Dec. 25.
Lorenz, Edward H., West Hartford, assignor to Hartford-Empire Company, Hartford, Conn. Gauging machine. 2,542,090, Feb. 20.
Lorenz, Frederick W., Davis, Calif., and C. W. Sondern, Mendham, assignors to White Laboratories, Incorporated, Newark, N. J. Poultry fattening composition. 2,544,698, Mar. 13.
Lorenz, John: *See*—
Abrams, Victor R., and Lorenz.
Lorenzen, Robert, New York, N. Y., assignor to Electronic System Corporation. Magnetostrictive modulator. 2,574,647, Nov. 13.
Loria, Anthony: *See*—
Dickey, Joseph B., and Loria.
Lorig, Edwin T., Ross Township, Allegheny County, Pa., assignor to United States Steel Company. Continuous strand helical conveying apparatus. 2,576,233, Nov. 27.
Lorimer, Allan G., Douglaston, N. Y. Window construction. 2,578,435, Dec. 11.
Loritsch, John A., Scotia, N. Y., assignor to General Electric Company. Polymerization in the presence of an organo-phosphorus compound as an activator. 2,543,635, Feb. 27.
Loritsch, John A., Scotia, N. Y., assignor to General Electric Company. Polymerization in the presence of dibutyl sulfite as an accelerator. 2,543,636, Feb. 27.
Loritsch, John A., Scotia, N. Y., assignor to General Electric Company. Acceleration of polymerization of polymerizable materials. 2,553,325, May 15.
Loritsch, John A., Scotia, and P. M. Di Cerbo, Schenectady, N. Y., assignors to General Electric Company. Suspension of vinyl chloride polymer in polymerizable liquid. 2,567,719, Sept. 11.
Lorne, Henry T., and F. W. B. Porter, Subury on Thames, assignors to Anglo-Iranian Oil Company Limited, London, England. Catalytic desulfurization of naphthenic petroleum hydrocarbons followed by catalytic cracking. 2,574,449, Nov. 6.
Lorneau, Jean J. G.: *See*—
Laverdisse, Edmond J. C., and Lorneau.
Lornitzo, Frank C., Pawtucket, assignor to Pantex Manufacturing Corporation, Central Falls, R. I. Single unit hydraulic check. 2,575,389, Nov. 20.
Loroco Industries Incorporated, assignee: *See*—
Tomarin, Harry A.
Lorr, William R.: *See*—
Breuer, Grant W., Lanter, and Lorr.
Lorusso, Daniel J., Westboro, Mass. Antenna system for television. 2,572,166, Oct. 23.
Lory, Jacques: *See*—
Lévy, Jacques.
Lorz, Emil: *See*—
Baltzly, Richard, and Lorz.
Lorza, Fernando A. C., Madrid, Spain, assignor to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Station-indicating system for radiogramophones comprising mechanism for allowing the turntable to move outwards. 2,579,684, Dec. 25.
Losee, Eugene W., Hebron, Ill., assignor to Losee Products Co. Electrically heated water tank. 2,542,543, Feb. 20.
Losee, Kathryn A.: *See*—
Lott, William A., Losee, and Adler.
Losee Products Co., assignee: *See*—
Losee, Eugene W.
Loth, Gaylord, assignor to The Hinde & Dauch Paper Company, Sandusky, Ohio. Article isolating shipping container. 2,553,418, May 15.
Lothen, Julius, Winger, Minn. Tiller attachment for plows. 2,5672,625, July 31.
Lotmar, Walter, Aarau, Switzerland. Photographic objective. 2,536,508, Jan. 2.
Lott, William A., Maplewood, J. Bernstein, New Brunswick, and L. J. Heuser, Robbinsville, N. J., assignors to E. R. Squibb & Sons, New York, N. Y. Preparation of antibiotic salts of mono (higher-aliphatic) sulfates, and purification of the antibiotics thereby. 2,537,933, Jan. 9.
Lott, William A., Maplewood, J. Bernstein, New Brunswick, and L. J. Heuser, Robbinsville, N. J., assignors to E. R. Squibb & Sons, New York, N. Y. Antibiotic salts of mono (higher-aliphatic) sulfates, preparation of these salts, and purification of the antibiotics thereby. 2,537,934, Jan. 9.
Lott, William A., Maplewood, and K. A. Losee, New Brunswick, N. J., and M. Adler, assignors to E. R. Squibb & Sons, New York, N. Y. Homosulfanilamide salt of aspergillic acid and preparing same. 2,545,962, Mar. 20.
Lotus Limited, assignee: *See*—
Adams, Walter.
Lotz, John A., Allison Park, assignor to The Union Switch & Signal Company, Swissvale, Pa. Removing scale from steel. 2,559,445, July 3.
Lou, Wyan, assignor to Cargocaire Engineering Corporation, New York, N. Y. Control means for dehumidifying apparatus. 2,561,441, July 24.
Loucks, Alton L., and L. W. Lovett, Baltimore, Md., assignors to Western Electric Company, Incorporated, New York, N. Y. Apparatus for applying viscous material in the forming of cables. 2,539,147, Jan. 23.
Loucks, Alton L., Baltimore, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Cleaning lead-sheathed cables. 2,550,932, May 1.
Loucks, Claude A., assignee: *See*—
Léa, Henry V.
Louden, Harry L., Cleveland, Ohio, assignor to General Electric Company. Article feeding apparatus. 2,545,888, Mar. 20.
Louden Machinery Company, The, assignee: *See*—
Mayer, Wilbur.
Loudenslager, Oscar W., assignor to Goodyear Aircraft Corporation, Akron, Ohio. Locking device for castered airplane main landing wheels. 2,575,761, Nov. 20.

Loufek, Frank J., Cedar Rapids, Iowa. Centrifugal mill hammer with renewable wearing tip. 2,568,077, Sept. 18.
Louft, Nathan, Silver Spring, Md. Sign post. 2,559,302, July 3.
Loughborough, William K., and J. M. McMillen, Madison, and L. D. Espenas, Middleton, Wis., assignors to the United States of America as represented by the Secretary of Agriculture. Drying wood. 2,546,162, Mar. 27.
Loughlin, Bernard D., Bayside, N. Y., assignor to Hazeltine Research, Inc., Chicago, Ill. Wave-signal transformer. 2,550,486, Apr. 24.
Loughlin, Bernard D., Bayside, N. Y., assignor, by mesne assignments, to Hazeltine Research, Inc., Chicago, Ill. Wave-signal receiver. 2,577,781, Dec. 11.
Loughlin, Bernard D., Lynbrook, N. Y., assignor to Hazeltine Research, Inc., Chicago, Ill. Superregenerative frequency-modulation receiver. 2,577,782, Dec. 11.
Loughren, Arthur V., Great Neck, N. Y., assignor to Hazeltine Research, Inc., Chicago, Ill. Automatic contrast control system for television apparatus. 2,547,648, Apr. 3.
Loughren, Arthur V., Great Neck, N. Y., assignor, by mesne assignments, to Hazeltine Research, Inc., Chicago, Ill. Television receiver background control circuit. 2,548,436, Apr. 10.
Loughren, Arthur V., Great Neck, N. Y., assignor to Hazeltine Research, Inc., Chicago, Ill. Traveling wave vapor-electric current generator. 2,553,263, May 15.
Loughren, Arthur V., Great Neck, N. Y., assignor to Hazeltine Research, Inc., Chicago, Ill. Wave-signal communication system. 2,574,271, Nov. 6.
Loughren, Arthur V., Great Neck, N. Y., assignor to Hazeltine Research, Inc., Chicago, Ill. Pulse-discriminating system. 2,576,617, Nov. 27.
Loughridge, Robert F., Fort Worth, Tex. Moving stairway. 2,570,135, Oct. 2.
Loukomsky, Serge A., Bound Brook, and G. S. Herrick, Middlesex, N. J., assignors to American Cyanamid Company, New York, N. Y. Producing polyaryl methane dyes of the rosaniline type. 2,542,544, Feb. 20.
Loukonen, Ernest W., Long Beach, Calif. Pulsation absorber. 2,563,257, Aug. 7.
Loumiet et Lavigne, Jean, Itabo, Cuba. Series distillation process. 2,574,116, Nov. 6.
Loungren, Harald E., New York, N. Y. Pipe intersection bevel cutting device. 2,545,666, Mar. 20.
Loungway, Arthur M., Oneida, N. Y. Air cylinder for indexing ratchet stops and the like. 2,547,029, Apr. 3.
Louthan, Clissolde L., assignor of one-fourth to A. W. Bowman, Yucaipa, Calif. Underwater fishing kite. 2,566,029, Aug. 28.
Loutz, Albert L., Los Angeles, Calif. Sock drying form. 2,545,479, Mar. 20.
Louwerse, Marinus W.: *See*—
Snoek, Jacob L., Boeke, and Louwerse.
Lovable Brassiere Co., The, assignee: *See*—
Garson, Arthur.
Lovatt, James W. A.: *See*—
Lovatt, William M. and J. W. A.
Lovatt, James W. A., Hanley, Stoke-on-Trent, England. Support for ceramic ware during firing. 2,567,609, Sept. 11.
Lovatt, William M. and J. W. A., Hanley, Stoke-on-Trent, England. Support for ceramic ware during firing. 2,537,145, Jan. 9.
Love, David, Edmonton, Alberta, Canada. Grain conveyer and elevator. 2,574,792, Nov. 13.
Love, Ernest A., Minneapolis, Minn. Caddy cart. 2,556,814, June 12.
Love, Fred G., assignor to Packaged Gas Equipment Corporation, Houston, Tex. Gas scrubber. 2,551,890, May 8.
Love, James L.: *See*—
Love, Jesse L., Rose, and Love.
Love, Jesse L., Titusville, Pa., H. F. Rose, Prospect Heights, Ill., and James L. Love, Columbus, Ohio. Log fireplace apparatus. 2,578,564, Dec. 11.
Love, Raymond G., Byron, Mich. Tractor hitch. 2,580,109, Dec. 25.
Love, Rosalie, Los Angeles, Calif. Venetian blind cleaner. 2,571,906, Oct. 16.
Loveday, Julius W., Detroit, Mich. Game top. 2,573,916, Nov. 6.
Lovegrove, Henry J., and M. G. McBride, Enfield, Middlesex, England, assignors to Sangamo Electric Company, Springfield, Ill. Temperature compensated moving coil instrument. 2,572,639, Oct. 23.
Lovegrove, Irving S., Providence, R. I. Vacuum film holder. 2,572,640, Oct. 23.
Lovejoy, Ethel M., Seattle, Wash. Lingerie shoulder strap holder of bent wire. 2,569,938, Oct. 2.
Lovejoy, Kenneth F., Pittsburgh, and D. B. Peat, Dravosburg, Pa. Airplane engine cooling arrangement. 2,573,854, Nov. 6.
Lovelace, Arron O., Fort Worth, Tex. Smoothing pad for use by steam pressers. 2,556,815, June 12.
Lovelace, Frank S. and J. G., Birmingham, Ala. Explosive type fire alarm. 2,548,382, Apr. 10.
Lovelace, James G.: *See*—
Lovelace, Frank S. and J. G.
Lovelady, Isaac W., Oklahoma City, Okla., assignor to Black Sivalls & Bryson, Inc., Kansas City, Mo. Method and apparatus for treating liquid mixtures. 2,546,269, Mar. 27.
Loveland, Malcolm W., Orinda, Calif., assignor to American Can Company, New York, N. Y. Filling head having air locked chamber for filling liquids into containers. 2,543,788, Mar. 6.
Loveless, Boyd B., R. J. Alhand, and B. S. Sample, assignors to Electric Eye Equipment Company, Danville, Ill. Device for starting races. 2,547,332, Apr. 3.
Lovell, Anne, assignee: *See*—
Lovell, William V.
Lovell Chemical Company, assignee: *See*—
Lovell, Stanley P.
Lovell, Clarence A.: *See*—
Dunlap, Kermit S., and Lovell.
Lovell, George H., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Wave filter. 2,547,133, Apr. 3.
Lovell Manufacturing Company, assignee: *See*—
Kauffman, Walter L., II.
Zupanick, Frank J.
Lovell, Stanley P., Newtonville, assignor to Lovell Chemical Company, Watertown, Mass. Synthetic wax of the Carnauba type. 2,560,773, July 17.
Lovell, Wheeler G., and N. E. Phillips, assignors to General Motors Corporation, Detroit, Mich. Electrolytic apparatus for reduction of aluminum bromide. 2,539,092, Jan. 23.
Lovell, William V., Sanford, assignor to A. Lovell, Orlando, Fla. Electromagnetic levitation apparatus. 2,566,221, Aug. 28.
Lovenston, Hans J., Detroit, Mich. Amplifying gauge. 2,546,513, Mar. 27.
Loventhal, Benjamin L., Louisville, Ky. Collapsible container and stand therefor. 2,553,377, May 15.
Loverde, Anthony, and W. S. Beanblossom, Niagara Falls, N. Y., assignors to the United States of America as represented by the United States Atomic Energy Commission. Photochemical chlorination of hydrocarbons. 2,566,065, Aug. 28.
Loveridge, Ralph S., Salt Lake City, Utah. Spectacle temple measuring instrument. 2,577,533, Dec. 4.
Lovett, Leroy W.: *See*—
Loucks, Alton L., and Lovett.
Lovett, Roger A.: *See*—
Gary, Wright W., and Lovett.
Lovett, Victor S., Randwick, near Sydney, New South Wales, Australia. Sprinkler alarm switch. 2,537,771, Jan. 9.
Lovi, Joseph E., and F. G. Hitzman, Chicago, Ill. Flash bulb synchronization tester for cameras. 2,543,860, Mar. 6.
Loving, William L., Pampa, Tex., assignor to Godfrey L. Cabot, Inc., Boston, Mass. Manufacture of carbon black. 2,553,199, May 15.
Lovinggood, Martin G., Odessa, Tex. Hand crimper. 2,572,738, Oct. 23.
Low, Frank D., Chicago, Ill., assignor to Hotpoint Inc. Interlocking door hinge. 2,573,798, Nov. 6.
Low, Frank K., Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Time-delay circuit. 2,577,137, Dec. 4.
Low, Frederick G.: *See*—
Fitts, George R., and Low.
Low, Roy G., Minneapolis, Minn. Swing. 2,568,015, Sept. 18.
Low, Ruth M., Chicago, Ill. Animal garment. 2,573,154, Oct. 30.
Low, Sidney, Springfield, Mass. Metal alloy. 2,570,355, Oct. 9.
Low Temperature Carbonisation Limited, assignee: *See*—
Horne, Donald, Marshall, and Bondy.
Lowber, David D., Ann Arbor, Mich., and Fred H. Wolford, Williamsville, N. Y., assignors to American Optical Company, Southbridge, Mass. Still projector for opaque and transparent projection. 2,538,840, Jan. 23.
Lowber, David D., Snyder, and G. E. Guellich, Buffalo, N. Y., assignors to American Optical Company, Southbridge, Mass. Pantographic sighting apparatus for forming machines. 2,553,099, May 15.
Lowe, Alfred B. and R. A., Ottawa County, Ohio. Beet loader tractor trailer. 2,540,791, Feb. 6.
Lowe, Allen A., Glens Falls, assignor to The Sandy Hill Iron & Brass Works, Hudson Falls, N. Y. Papermaking apparatus. 2,563,790, Aug. 7.
Lowe, Arthur: *See*—
Douglas, George T., Lowe, and Robinson.
Lowe, Burl C., New Era, Mich. Pellet projecting toy gun. 2,542,777, Feb. 20.
Lowe, Earl R., Oaklawn, Ill. Ruffle ironing attachment for flatirons. 2,549,319, Apr. 17.
Lowe, Edison, and H. A. Swenson, Berkeley, Calif, assignors to the United States of America as represented by the Secretary of Agriculture. Apparatus for spray coating particles. 2,576,952, Dec. 4.
Lowe, Elmo O., Los Angeles, Calif. Torque controlled well jar. 2,562,320, July 31.
Lowe, Elmo O., Los Angeles, Calif. Torque type well jar. 2,562,321, July 31.
Lowe, Jane A., administratrix *See*—
Loomis, Crawford C., and Lowe.
Lowe, Joe, Corporation, assignee: *See*—
Friedman, Aaron.
Roth, Ernest J.
Lowe, John C., Jr., Youngwood, Pa. Catchup dispenser 2,572,167, Oct. 23.

Lowe, Kenneth J.: *See*—
Lommis, Crawford C., and Lowe.
Lowe, Lawrence L., Grosse Pointe, Mich. Gauge for setting taper attachments for machine tools. 2,555,351, June 5.
Lowe, Raymond A.: *See*—
Lowe, Alfred B. and R. A.
Lowe, Russell E.: *See*—
Morgan, John D., and Lowe.
Lowe, Sydney P., Columbus, Ohio. Brake shoe treating apparatus. 2,577,534, Dec. 4.
Lowe, Wesley G., assignor to Eastman Kodak Company, Rochester, N. Y. Photographic emulsions peptized with zein. 2,563,791, Aug. 7.
Lowe, Wesley G., L. M. Minsk, and W. O. Kenyon, assignors to Eastman Kodak Company, Rochester, N. Y. Preparation of silver halide dispersions and photographic emulsions using polyacrylamide peptizers. 2,541,474, Feb. 13.
Lowe, William B.: *See*—
Stanley, Richard W., and Lowe.
Loweke, Erwin F., Jackson, Mich., assignor, by mesne assignments, to The B. F. Goodrich Company, Akron, Ohio. Disk brake. 2,559,885, July 10.
Loweke, Erwin F., Jackson, Mich., assignor, by mesne assignments, to The B. F. Goodrich Company, Akron, Ohio. Brake valve assembly. 2,559,886, July 10.
Lowell, Benjamin W., Richmond Heights, Mo. Loudspeaker mounting. 2,563,948, Aug. 14.
Lowell and Grayson Manufacturing Company, assignee: *See*—
Ellingson, La Verne O.
Lowell, Percival D., Chevy Chase, and W. Hakkarinen, Hyattsville, Md. Air launched radio station. 2,555,352, June 5.
Lowell Specialty Company, assignee: *See*—
Fletcher, Lynn, and Winks.
Oys, John E., and Pinke.
Winks, John, and Fletcher.
Lowell Wrench Company, assignee: *See*—
Dodge, John S., and Campanile.
Lowen, Herbert: *See*—
Back, Frank G., and Lowen.
Lowenstein, Otto, and I. Loewenfeld, New York, and E. Klapper, Orangeburg, N. Y., said Loewenfeld and said Klapper assignors to said Lowenstein. Method and machine having application in pupillography. 2,573,464, Oct. 30.
Lowenthal, Julius, London, and C. W. Moore, Leeds, assignors to Colibri Lighters Limited, London, England. Combined cigarette case and friction lighter. 2,559,303, July 3.
Lower, Donald P., assignor to Dodge Manufacturing Corporation, Mishawaka, Ind. Shaft coupling. 2,543,918, Mar. 6.
Loweth, Joseph H., and J. E. Scharff, New Rochelle, N. Y. Heater. 2,580,033, Dec. 25.
Lowey, Fred, Kew Gardens, assignor to Solar Manufacturing Corporation, New York, N. Y. Synthetic oils and resins and producing same. 2,556,880, June 12.
Lowman, George L.: *See*—
Dunn, Earl C., Lowman, and Lockhart.
Lowman, Robert K., Oroville, Calif. Draft device for trailer hitches. 2,554,711, May 29.
Lowry, Charles E.: *See*—
Stanton, George W., and Lowry.
Lowry, Hubert E., Gardena, Calif. Sofa-bed construction. 2,569,999, Oct. 2.
Lowry, Hubert E., Gardena, Calif. Chair construction comprising a base and a chair frame resiliently suspended therefrom. 2,570,000, Oct. 2.
Lowry, Michael J., Los Angeles, Calif. Guard fence for well pumping units. 2,557,300, June 19.
Lowry, Robert R., Dayton, Ohio. Dispenser for either a measured or an unmeasured quantity of granular material. 2,579,388, Dec. 18.
Lowry, Virginia M., New York, N. Y. Rain skirt. 2,540,372, Feb. 6.
Lowstuter, William R.: *See*—
Boe, Carsten F., and Lowstuter.
Lowther, Wilfred W., Minneapolis, assignor to Donaldson Company, Inc., St. Paul, Minn. Crankcase ventilating system for a plurality of associated engines. 2,547,587, Apr. 3.
Loxham, John: *See*—
Boosey, Frederick R., Loxham, Castleton, and Hart.
Loxley, Walter M., Dayton, Ohio. Invalid bed. 2,556,591, June 12.
Loy, John W., Bartlesville, Okla., assignor to Phillips Petroleum Company. Catalytic cracking system. 2,551,145, May 1.
Lozier, John C., Short Hills, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Amplifier. 2,556,699, June 12.
Luaces, Enrique L.: *See*—
Crosby, Melvin A., and Luaces.
Lubben, Gerrit J.: *See*—
Van Ingen Schenau, Bernardus W., and Lubben.
Lubberhuizen, Jan W., deceased, by D. A. Broekhuizen, executrix, Voorburg, Netherlands, assignor to U. S. Slicing Machine Company, Inc. Knife guard for slicing machines. 2,566,574, Sept. 4.
Lubbert, Carl B., Anneslie, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Drilling jig for angle irons. 2,564,786, Aug. 21.
Lubbock, Isaac, London, England, assignor to Shell Development Company, San Francisco, Calif. Combustion chamber lining. 2,548,485, Apr. 10.
Lubbock, Isaac, and W. Tipler, London, England, assignors to Shell Development Company, San Francisco, Calif. Hot gas engine with finned cylinder head. 2,557,607, June 19.
Lubcke, Harry R.: *See*—
Jury, Harold W., and Lubcke.
Luber-Finer Incorporated, assignee: *See*—
Boggs, Walter W.
Luber, Mary A., executrix: *See*—
Luber, Phil G.
Luber, Phil G., deceased, Evanston, Ill.; M. A. Luber, executrix of said P. G. Luber, assignor of one-half to L. A. Bisson, Evanston, Ill. Combined storm and screen window unit. 2,540,270, Feb. 6.
Lubin, George, New York, N. Y., and R. R. Winans, West Caldwell, N. J. Impact testing machine. 2,579,503, Dec. 25.
Lubin, Samuel: *See*—
Atkinson, John F., and Lubin.
Lubischer, Joseph B.: *See*—
Hickman, Elbert K., and Lubischer.
Lubrizol Corporation, The, assignee: *See*—
Asseff, Peter A.
Prutton, Carl F.
Lubszynski, Hans G., Norwood, assignor to Electric & Musical Industries Limited, Hayes, England. Cathode-ray tube. 2,555,091, May 29.
Lubszynski, Hans G., Northwood, assignor to Electric & Musical Industries Limited, Hayes, Middlesex, England. Electron emissive cathode. 2,563,474, Aug. 7.
Lucan, Raymond C., Galesburg, Ill. Toilet tissue dispenser with storage receiver. 2,564,539, Aug. 14.
Lucas, Alfred R., Galion, Ohio. Motor starting and safety switch. Re. 23,330, Jan. 16.
Lucas, Fred C., and R. P. Lucas, Los Angeles, Calif. Knee joint for artificial limbs. 2,559,446, July 3.
Lucas, George R., assignor of fifty per cent to R. H. McLeod, Detroit, Mich. Eyeshield. 2,545,097, Mar. 13.
Lucas, George W., St. Clair Shores, Mich., assignor to Carboloy Company, Inc. Process for making, and article of, porous cemented carbide. 2,553,714, May 22.
Lucas, Glennard R., and R. C. Bryan, Pittsfield, Mass., assignors to General Electric Company. Using dilatable sealing elements. 2,565,316, Aug. 21.
Lucas, Glennard R., Pittsfield, Mass., and R. C. Bryan, Hawthorne, N. Y., assignors to General Electric Company. Dilatable sealing elements. 2,565,317, Aug. 21.
Lucas, James E., Fort Worth, Tex., and C. H. Dossey, Chandler, Ariz. Starting device for rodeo contestants. 2,560,116, July 10.
Lucas, Joseph, Limited, assignee: *See*—
Goddard, Leslie J.
Hooker, Stanley G., Watson, and Ifield.
Ifield, Richard J.
Ifield, Richard J., and Lawrence.
Ifield, Richard J., and Watson.
Laird, John A., and Morris.
Laird, John A., and Reid-Jones.
Lawrence, Owen N.
Lawrence, Owen N., and Warne.
Marlow, Frederick J.
Righton, Joseph J.
Swift, William.
Swift, William, and Mason.
Watson, Ernest A.
Watson, Ernest A., and Ifield.
Lucas, Paul, Charleroi, assignor to Societe Anonyme Electromecanique, Brussels, Belgium. Method and installation for applying metal to at least one metallic part. 2,553,925, May 22.
Lucas, Philip: *See*—
Kwartler, Charles E., and Lucas.
Lucas, Philip, Middlesex County, Mass., and R. L. Clarke, Albany County, and A. Mooradian, Rensselaer County, assignors to Sterling Drug Inc., New York, N. Y. 3-tertiaryaminoalkyl-2-pyrrolidones and preparing same and related products. 2,555,353, June 5.
Lucas, Philip, Middlesex County, Mass., and R. L. Clarke, Albany County, and A. Mooradian, Rensselaer County, assignors to Sterling Drug, Inc., New York, N. Y. 1-aliphatic-3,3-diphenyl-2-pyrrolidones and preparing same and related products. 2,555,354, June 5.
Lucas, Ralph, Ackley, Iowa, and A. J. Reedy, assignors to Detroit Michigan Stove Company, Battle Creek, Mich. Electric heating device. 2,547,402, Apr. 3.
Lucas, Roy P.: *See*—
Lucas, Fred C., and R. P.
Lucas, Sarah, assignee: *See*—
Deane, John.
Lucassen, Fred J., San Francisco, Calif. Game board with marked game pieces. 2,536,380, Jan. 2.
Luccous, John C.: *See*—
Otis, Herbert C., Luccous, and Miller.
Luce Manufacturing Company, assignee: *See*—
Luce, Richard W.
Luce, Richard W., Southport, Conn., assignor to Luce Manufacturing Company, Groton, Vt. Food receptacle with desiccant. 2,548,168, Apr. 10.

Luce, Roy L., assignor to The Hydro-Blast Corporation, Chicago, Ill. Sand feeder. 2,573,917, Nov. 6.
Luce, Stewart B.: *See*—
Donahue, William E., and Luce.
Lucek, Charles W.: *See*—
Fritschi, Walter W., and Lucek.
Lucenti, Charles G., Chicago, Ill. Machine for applying adhesive tape to the edges of articles. 2,557,831, June 19.
Lucht, Fred J.: *See*—
Boyd, Thomas, and Lucht.
Lucht, Victor F., Washington, D. C. Actuator for gun firing mechanisms. 2,576,953, Dec. 4.
Lucia, Carroll J., Toledo, Ohio, assignor to Packard Motor Car Company, Detroit, Mich. Bearing support for gears. 2,547,877, Apr. 3.
Lucid, David E., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Molded friction linings. 2,536,136, Jan. 2.
Lucien, René: *See*—
Levy, René L.
Luck, David G. C., Princeton, N. J., assignor to Radio Corporation of America. Radio aid to navigation. 2,536,509, Jan. 2.
Luck, David G. C., and C. C. Martinelli, Princeton, N. J., assignors to Radio Corporation of America. Counter circuit. 2,563,123, Aug. 7.
Lucker, Millard B.: *See*—
Tiscornia, James W., Lucker, Parrett, Kershner, and Myers.
Luckman, Fred W., assignor to Home Equipment Manufacturing Co., Chicago, Ill. Combined chair and table. 2,554,914, May 29.
Luckock, Wayne J., Fort Wayne, Ind., assignor, by mesne assignments to Farnsworth Research Corporation. View finder for television cameras. 2,547,030, Apr. 3.
Lucks, Gustav E., Greenfield Park, N. Y. Air valve for steam systems. 2,576,954, Dec. 4.
Lucy, Lester B., Little Rock, Ark., assignor to Mergenthaler Linotype Company. Assembler star wheel clutch. 2,551,498, May 1.
Ludeman, Clifford G., Scarsdale, assignor to Texaco Development Corporation, New York, N. Y. Detection and measurement of penetrative radiation. 2,559,219, July 3.
Lüdi, Fritz, Zurich, assignor to "Patelhold" Patentverwertungs- & Elektro-Holding A.-G., Glarus, Switzerland. Electron tube generating ultra-short electromagnetic oscillations. 2,567,339, Sept. 11.
Lüdi, Fritz, Baden, assignor to "Patelhold" Patentverwertungs-& Elektro-Holding A.-G., Glarus, Switzerland. Magnetron generator. 2,579,593, Dec. 25.
Ludington, Samuel G., and K. E. Stober, assignors to The Dow Chemical Company, Midland, Mich. Reciprocating cutter for plastics. 2,539,916, Jan. 30.
Ludlow, James A., assignor to Campbell Engineering Co. Limited, Bromley, England. Ironing board with foldable legs and a sleeveboard attachment. 2,559,887, July 10.
Ludlow, John H., Bowdon, assignor to Metropolitan-Vickers Electrical Company Limited, London, England. Mold for reinforced concrete structures. 2,556,928, June 12.
Ludlow Valve Manufacturing Co., Inc., The, assignee: *See*—
Weinberg, Edwin A.
Ludowese, N. B., assignee: *See*—
Hanson, Oscar.
Ludwig, Bernard J.: *See*—
Marks, Henry C., and Ludwig.
Ludwig, Frederic G., Woodbridge, Conn. Bubble-blowing device. 2,574,117, Nov. 6.
Ludwig, Johannes P., assignor to Phoenix Hosiery Company, Milwaukee, Wis. Straight knitting machine. 2,571,591, Oct. 16.
Ludwig, John, Grosse Pointe Park, assignor to Mizim Manufacturing Company, Hazel Park, Mich. Bed leg. 2,565,613, Aug. 28.
Ludwig, Leon R., T. C. Fockler, and W. H. Formhals, Buffalo, N. Y., and H. T. Walton, Pittsburgh, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Convertible motor. 2,571,907, Oct. 16.
Ludwig, Louis, New York, N. Y. Electric switch construction. 2,579,841, Dec. 25.
Ludwig, Merle R., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Motor speed control apparatus. 2,537,902, Jan. 9.
Ludwig, Norman C., Chicago, Ill., assignor to Universal Atlas Cement Company. Low-water-loss cement. 2,576,955, Dec. 4.
Ludwig, Ralph E., Youngsville, and H. L. MacBride, Warren, assignors to National Forge & Ordnance Company, Irvine, Pa. Pipe mold and making the same. 2,577,423, Dec. 4.
Ludwig, Sidney, and R. R. Cull, Cuyahoga County, Ohio. Support clamping means for radio antennas. 2,563,640, Aug. 7.
Ludwig, Von Roll 'Schen, Iron Works, A. G., assignee: *See*—
Thoma, Hans.
Ludwig, Walter, assignor to L. A. Young Spring & Wire Corporation, Detroit, Mich. Garment hanger. 2,568,753, Sept. 25.
Ludwig, William F., Chicago, Ill. Drum beating mechanism. 2,540,051, Jan. 30.
Ludwig, William F., River Forest, Ill. Tone indicating mechanism for kettle-drums. 2,568,504, Sept. 18.
Ludy, Paul E.: *See*—
Tolle, Vance W., and Ludy.
Luebbers, Herman E., Fort Dodge, Iowa. Hay stacker. 2,542,150, Feb. 20.
Luebbers, Raymond J.: *See*—
Mansfield, Ernest B., Luebbers, and Lange.
Luehrs, Hans J., assignor to C. B. Cottrell & Sons Company, Westerly, R. I. Eccentric roller type clutch. 2,554,305, May 22.
Luehrs, Hans J., assignor to C. B. Cottrell & Sons Company, Westerly, R. I. Stripping cut and creased sheets. 2,577,424, Dec. 4.
Luenberger, Frederick O., assignor to U. S. Electrical Motors, Inc., Los Angeles, Calif. Ventilated dynamo-electric machinery. 2,545,855, Mar. 20.
Luenberger, Frederick O., assignor to U. S. Electrical Motors, Inc., Los Angeles, Calif. Preventing air leakage through lubricated bearings. 2,568,861, Sept. 25.
Luft, George W., Company, Inc., The, assignee: *See*—
Poreber, Frank.
Luft, John, assignor to Oshkosh Trunks and Luggage, Oshkosh, Wis. Locking device for wardrobe trunks. 2,557,670, June 19.
Luft, John, assignor to Oshkosh Trunks and Luggage, Oshkosh, Wis. Corner brace for hand luggage. 2,573,036, Oct. 30.
Lufkin Rule Company, The, assignee: *See*—
Witchger, Eugene J.
Luger, Catherine P., assignee: *See*—
Zamboni, William E.
Luger, Kenneth E., assignee: *See*—
Zamboni, William E.
Lugosch, Karl E., Union City, N. J. Voltage regulator testing apparatus. 2,552,504, May 8.
Lugt, Gerard J., Amsterdam, Netherlands, assignor to Werkspoor N. V. Internal-combustion engine. 2,575,633, Nov. 20.
Luhn, Hans P., Armonk, assignor to International Business Machines Corporation, New York, N. Y. Record controlled multiplying machine. 2,536,951, Jan. 2.
Luhn, Hans P., Armonk, assignor to International Business Machines Corporation, New York, N. Y. Punching machine. 2,555,750, June 5.
Luhn, Hans P., Armonk, assignor to International Business Machines Corporation, New York, N. Y. Electrical multiplying and dividing machine. 2,566,947, Sept. 4.
Luhn, Hans P., Armonk, assignor to International Business Machines Corporation, New York, N. Y. Multiple-element code translator. 2,577,085, Dec. 4.
Lühn, Oskar, Hunfeld, Germany, assignor to H. Clemmens, Los Angeles, Calif. Time-delay relay arrangement. 2,552,636, May 15.
Luirette, Robert B.: *See*—
Johnston, Blaine, Luirette, and Sinclair.
Luis, Michael, Cleveland, Ohio. Combination square and protractor. 2,570,356, Oct. 9.
Lukacs, Joseph, Astoria, assignor, by mesne assignments, to Technicon Cardiograph Corporation, New York, N. Y. Polarized electromagnetic operator with damped coil armature. 2,556,816, June 12.
Lukas, Edward B.: *See*—
Coffey, Charles A., and Lukas.
Lukasiewicz, Sigmund J.: *See*—
Brooks, John W., and Lukasiewicz.
Hartough, Howard D., and Lukasiewicz.
Lukasiewicz, Sigmund J., and A. N. Sachanen, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated. Thiophene by-product tar and triglyceride oil reaction product. 2,562,238, July 31.
Luke, Leo C., assignor to International Steel Company, Evansville, Ind. Retractable pintle rig for laying sheet metal flooring. 2,572,873, Oct. 30.
Luke, Marvin B., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Variable resistance pickup element. 2,545,737, Mar. 20.
Lukens, Duane H., Kent, Ohio. Wicket driving vehicle. 2,576,467, Nov. 27.
Lukens Steel Company, assignee: *See*—
Snyder, George L.
Lukey, John B.: *See*—
Armitage, Joseph B., Lukey, Riedel, and Boehmer.
Lukins, Charles F., Independence, Kans. Chair having spring supported seat and back. 2,537,071, Jan. 9.
Lukins, Richard H.: *See*—
Beck, Frederick W., Babka, and Lukins.
Lulek, Ralph N., Rosebank, assignor to Heyden Chemical Corporation, New York, N. Y. Procaine urea. 2,539,848, Jan. 30.
Lulek, Ralph N., Rosebank, assignor to Heyden Chemical Corporation, New York, N. Y. Procaine urea salicylate and obtaining the same. 2,542,971, Feb. 37.
Lum, Diamond W., Sacramento, Calif. Distributor timing indicator. 2,578,817, Dec. 18.
Lum, George F., Detroit, assignor of one-half to H. F. W. Warden, Dearborn, Mich. Pickle fork. 2,539,849, Jan. 30.
Lumalampan Aktiebolag, assignee: *See*—
Björklund, Tore S.
Lumb, Warren G.: *See*—
Hood, Ian A. F., and Lumb.
Lumbard, Henry G., Auburn, Maine. Flexible insole. 2,556,364, June 12.

Lumbermen's Mutual Casualty Company, assignee: *See*— Anderson, Carl H.
Lummus Company, The, assignee: *See*—
Bloomer, Ward J.
Bogart, Marcel J. P., and Brunjes.
Bowles, Vernon O., and Schutte.
Davis, Hyman R., and Santaniello.
Kniel, Ludwig.
Kraft, Wheaton W.
Schutte, August H.
Winters, Edward J.
Lunardi, Alexander F., Oakland, Calif. Hot chocolate dispenser. 2,546,514, Mar. 27.
Lund, Arthur D., Minneapolis, Minn., assignor to Solar Corporation, Milwaukee, Wis. Grid plate casting machine. 2,547,081, Apr. 3.
Lund, Arthur D., Minneapolis, Minn., assignor to Solar Corporation, Milwaukee, Wis. Mold filling mechanism for grid plate casting machines. 2,547,082, Apr. 3.
Lund, C. A., and Co., assignee: *See*— Lund, Carl F.
Lund, Carl F., assignor to C. A. Lund and Co., Laconia, N. H. Wood ski with bonded wood insert. 2,539,369, Jan. 23.
Lund, Charles W.: *See*— Fuller, Earnest M., and Lund.
Lund, Clarence L., assignor of one-half to R. J. Teela, Oshkosh, Wis. Automatic control for air to be heated in air-heating furnaces. 2,551,956, May 8.
Lund, Nean, East Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. High-frequency energy absorbing variable coupling device. 2,579,327, Dec. 18.
Lund, Per, Oslo, Norway. Blade oscillating means for earth-working implements. 2,553,926, May 22.
Lund, Philip A., Mamaroneck, assignor to The W. L. Maxson Corporation, New York, N. Y. Switch actuator. 2,547,765, Apr. 3.
Lund, Russell D., Chicago, Ill. Bowling game. 2,546,399, Mar. 27.
Lund, Werner J., Staples, Minn. Swimmer's life buoy. 2,547,333, Apr. 3.
Lundahl, Walter N., Pikesville, Md., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Tandem stabilizer system. 2,554,041, May 22.
Lundahl, Walter N., Pikesville, Md., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. X-ray thickness gauge. 2,565,734, Aug. 28.
Lundal, Ingie J., and R. P. Robichaux, Chicago, assignors to Sugar Creek Creamery Company, Danville, and Cherry-Burrell Corporation, Chicago, Ill. Standardizing dairy product. 2,536,297, Jan. 2.
Lundberg, Axel E., Sundsvall, Sweden. Producing wooden boards secured against warping. 2,573,465, Oct. 30.
Lundberg, Bo K. O., Appelviken, assignor to Svenska Turbinfabriks Aktiebolaget Ljungstrom, Finspong, Sweden. Jet-propelled aircraft with boundary layer control. 2,568,813, Sept. 25.
Lundberg, Everett E., and T. Vigmostad, assignors to Briggs Manufacturing Company, Detroit, Mich. Locking mechanism for convertible tops. 2,560,459, July 10.
Lundberg, Frank C., assignor to Illinois Stamping & Mfg. Co., Chicago, Ill. Sprayer nozzle. 2,577,024, Dec. 4.
Lundberg, Frank C., assignor to Illinois Stamping & Mfg. Co., Chicago, Ill. Foam nozzle attachment for spray guns. 2,577,025, Dec. 4.
Lundberg, George T.: *See*— Burks, George E., Lundberg, and Nichols.
Lundberg, Hans T. F., assignee: *See*— Bjarnason, Bjarni S.
Lundberg, John E., Lynn, and G. A. Wallace, Malden, Mass., assignors to General Electric Company. Error compensator. 2,570,826, Oct. 9.
Lundberg, Karl E.: *See*— Lundberg, Kurt H. F., and K. E.
Lundberg, Kurt H. F., and K. E., Uppsala, Sweden. Burner for liquid and gaseous fuels. 2,574,879, Nov. 13.
Lundberg, William J., Warren Point, N. J. Wax distributing applicator. 2,579,842, Dec. 25.
Lundborg, Gustav L., Norristown, Pa. Water ski. 2,559,977, July 10.
Lundburg, Frank J.: *See*— De Rosa, Louis A., Lundburg, and Capen.
Lunde, Einar O., Wyckoff, N. J., assignor to Magor Car Corporation, New York, N. Y. Latch operating mechanism for dump cars and the like. 2,546,897, Mar. 27.
Lunde, Herman M., Austin, Minn. Knife rest. 2,567,817, Sept. 11.
Lundeen, Chester A., Los Angeles, Calif., and R. T. Todd, Houston, Tex., assignors to Byron Jackson Co., Vernon, Calif. Well pipe elevator. 2,563,851, Aug. 14.
Lundelius, Charles, Rocklin, Calif. Drain line cleaner. 2,568,347, Sept. 18.
Lundell, Arnold W., East Portchester, assignor to Globe Slicing Machine Co., Inc., Stamford, Conn. Commodity chopper casing. 2,539,448, Jan. 30.
Lundell, Arnold W., East Portchester, assignor to Globe Slicing Machine Co., Inc., Stamford, Conn. Motor and gauge plate control for slicing machines. 2,558,766, July 3.
Lundell, Arnold W., East Portchester, assignor to Globe Slicing Machine Co., Inc., Stamford, Conn. Inclined guide for slicing machine chutes. 2,558,767, July 3.
Lundgren, Chester L., Bonaparte, Iowa. Extensible tire carrier. 2,547,083, Apr. 3.
Lundgren, Eric A., Havla, Sweden. Sectioning apparatus. 2,563,258, Aug. 7.
Lundgren, Stanley F., Minneapolis, and R. A. Olsen, Excelsior, Minn., said Olsen assignor to said Lundgren. Dentist's mirror. 2,574,217, Nov. 6.
Lundgren, Sven G., Hammarbyhojden, and E. O. Eriksson, Lidingo, Sweden, assignors, by mesne assignments, to J. C. Marble, L. M. Merrill, and P. H. Batten, as trustees. Reversible rotary hydraulic coupling. 2,544,167, Mar. 6.
Lundholm, Carl H., Stockholm, Sweden. Device on harnesses for parachutes fitted with quick release device. 2,546,763, Mar. 27.
Lundholm, Joseph S., Rockford, Ill. Fixation of hip fractures. 2,570,465, Oct. 9.
Lundin, Sven A. E., assignor to Aktiebolaget Addo, Malmo, Sweden. Carriage shift mechanism. 2,537,227, Jan. 9.
Lundine, Gustav E., Jamestown, assignor to Jamestown Steel Partitions, Inc., Falconer, N. Y. Door mount and actuator. 2,557,749, June 19.
Lundkvist, Karl A., assignor to Telefonaktiebolaget L M Ericsson, Stockholm, Sweden. Key-sending automatic telephone signaling system. 2,554,201, May 22.
Lundkvist, Karl A., assignor to Telefonaktiebolaget L M Ericsson, Stockholm, Sweden. Connecting device at crossbar switch for selection of connecting links. 2,575,882, Nov. 20.
Lundquist, Carl E. E., Stockholm, Sweden. Locking device for chairs. 2,565,867, Aug. 28.
Lundquist, Hendrik W., Tujunga, Calif. Clutch for floor conditioning machines. 2,541,526, Feb. 13.
Lundquist, Lars B., assignor to Svenska-Skifferolje Aktiebolaget, Narkes-Kvarntorp, Sweden. Refining petrol. 2,558,863, July 3.
Lundquist, Newell H., Rochester, assignor to Cresthaven Farms, Minneapolis, Minn. Frozen food product and making the same. 2,536,137, Jan. 2.
Lundquist, Oliver, assignor to Century Lighting, Inc., New York, N. Y. Electric wall fixture having a universally mounted lamp. 2,554,258, May 22.
Lundquist, Oliver L., assignor to Century Lighting, Inc., New York, N. Y. Electric lighting fixture with rotatable base and rotatable housing. 2,567,291, Sept. 11.
Lundquist, William E.: *See*— Kugler, Joseph H., and Lundquist.
Lundquist, William E., assignor to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Stable aqueous dispersions of copolymers of vinyl esters, neutral ethylenic polyesters, and acrylic acid, and making. 2,570,253, Oct. 9.
Lundquist, Wilton G., Hohokus, and K. A. Browne, Ridgewood, N. J., assignors to Wright Aeronautical Corporation. Turbo-prop exhaust nozzle control system utilizing impact and exhaust pressures as parameters. 2,537,772, Jan. 9.
Lundqvist, Harald O., Stockholm, Sweden. Vertically adjustable shelving. 2,577,138, Dec. 4.
Lundqvist, Oskar Harald, Stockholm, Sweden. Suspension frame for shelves. 2,560,880, July 17.
Lundsted, Lester G., Grosse Ile, assignor to Wyandotte Chemicals Corporation, Wyandotte, Mich. Polyoxypropylene-benzenesulfonamides. 2,577,256, Dec. 4.
Lundstrom, Carl B., Little Falls, N. Y. Impregnating wood with chemical solutions. 2,567,292, Sept. 11.
Lundstrom, Edward W.: *See*— Palmquist, Marvin E., and Lundstrom.
Lundstrom, Ida, St. Louis, Mo. Cigarette ash and stub compact. 2,559,254, July 3.
Lundstrom, Ida, St. Louis, Mo. Pull cord supporting bracket. 2,571,592, Oct. 16.
Lundstrum, Allan W., Maplewood, N. J. Water heater. 2,558,971, July 3.
Lundvall, John S., Park Ridge, assignor to Union Asbestos & Rubber Company, Chicago, Ill. Movable bulkhead structure. 2,546,646, Mar. 27.
Lundvall, John S., Park Ridge, Ill., assignor to Union Asbestos & Rubber Company. Latch for refrigerator car doors. 2,559,304, July 3.
Lundy, Alvin S.: *See*— Schneible, Claude B., and Lundy.
Lundy, Alvin S., Huntington Woods, assignor to C. B. Schneible, Detroit, Mich. Treatment of gas and the like. 2,567,776, Sept. 11.
Lundy, David A., River Forest, Ill. Cabinet washing machine and disappearing wringer. 2,537,935, Jan. 9.
Lundy, Henry A., assignor ot Hardinge Brothers, Inc., Elmira, N. Y. Seal for chucks or collets. 2,557,301, June 19.
Lundy, Richard T., Schenectady, N. Y., assignor to General Electric Company. Electrical connector. 2,578,436, Dec. 11.
Luneburg, Rudolf K., Buffalo, N. Y., assignor to American Optical Company, Southbridge, Mass. Wide field angle objective. 2,538,841, Jan. 23.
Luning, George W., assignor to The R. K. Le Blond Machine Tool Company, Cincinnati, Ohio. Lathe cross-feed indicating dial. 2,572,361, Oct. 23.
Lunn, William: *See*— Woolhouse, Thomas G., and Lunn.

Lunt, Alden P., T. R. Norton, and C. P. Anderson, Ansonia, Conn., assignors to Noma Electric Corporation, New York, N. Y. Inking device for marking the surface of electrical conductors. 2,562,500, July 31.
Lunzer, Frederic A.: *See*—
Moomaw, Lewis H., and Lunzer.
Lupish, Walter, New Hyde Park, assignor to Faximile, Inc., New York, N. Y. Facsimile recorder helical electrode mounting. 2,568,754, Sept. 25.
Lupo, Joseph, Mount Vernon, N. Y. Polishing compound and carrier therefor. 2,545,291, Mar. 13.
Lupo, Joseph, Mount Vernon, N. Y. Lined tumbling barrel. 2,565,385, Aug. 21.
Lupton, Austin G., Windsor, Ontario, Canada. Cribbage scoreboard. 2,560,583, July 17.
Lurie, Benjamin L., Chicago, Ill. Pipe wrench of the type that embodies opposed jaw-equipped arms with an adjusting screw therebetween. 2,579,594, Dec. 25.
Lurz, Frederick C., West Hempstead, N. Y. Perfume container with valved outlet operated by applicator. 2,575,180, Nov. 13.
Lusby, Carl W., Mount Vernon, Ohio. Lining device for caskets and the like. 2,544,168, Mar. 6.
Lüscher, Leber & Cie A.-G., assignee: *See*—
Hunziker, Emil.
Luse, Mary E., assignee: *See*—
Ogden, Arnold B.
Lushbaugh, Roy E., New Albany, Ind. Fair leader. 2,538,021, Jan. 16.
Lusk, Eldon H.: *See*—
Minkler, William A., and Lusk.
Luskin, Leo S.: *See*—
Bock, Louis H., and Luskin.
Luskin, Leo S., assignor to Rohm & Haas Company, Philadelphia, Pa. Preparing phenoxyalkyl bromide. 2,569,423, Sept. 25.
Luster, Norman L., Chicago, Ill. Carbonated beverage dispensing device. 2,538,111, Jan. 16.
Lustig, Hana: *See*—
Roughsedge, Robert H., and Lustig.
Lustig, Hans G.: *See*—
Lustig, Robert and H.
Lustig, Robert and H., New York, N. Y. Medicine spoon holder. 2,546,463, Mar. 27.
Lustrafil Limited, assignee: *See*—
Barker, Sydney W.
Luten, Daniel B., Jr., B. O. Blackburn, and F. M. McMillan, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Lactam plasticizer for rubbers. 2,550,363, Apr. 24.
Lutes, Oakley D., Jackson, Mich. Rolling colter provided with driving lugs. 2,573,037, Oct. 30.
Luther, Paul E., Olean, N. Y. Self-lubricating alloy. 2,558,523, June 26.
Luther, Paul E., assignor of fifty-two one-hundredths to F. M. Ball & Co., Oakland, Calif. Liquid filler valve. 2,574,746, Nov. 13.
Lutsky, Arthur A., Newark, and A. A. Walker, Succasunna, assignors to The Daven Company, Newark, N. J. Electrical switch. 2,570,960, Oct. 9.
Luttenauer, Carlos, Mulhouse, France. Driving and adjusting means for printing rollers in web printing machines. 2,560,774, July 17.
Luttgen, William H.: *See*—
Woolslayer, Homer J., Jenkins, and Luttgen.
Lutton, Clarence D., Baltimore, Md. Ventilator and weather head. 2,570,959, Oct. 9.
Luty, Donald J., Highland Park, Mich. Forced air flow air-heating furnace. 2,579,047, Dec. 18.
Lutz, Clay B., Linthieum Heights, Md. Tire chain applying clip. 2,576,302, Nov. 27.
Lutz, Edmund H., Pampa, Tex. Baby bottle refrigerating unit. 2,562,108, July 24.
Lutz, James I., Statesville, N. C. Occupant-propelled step-by-step vehicle. 2,570,254, Oct. 9.
Lutz, Jean V., Brooklyn, and E. H. Keyser, East Aurora, assignors to Hid-Lok Corporation, New York, N. Y. Door locking device. Re. 23,336, Feb. 6.
Lutz, Stanley N.: *See*—
Daley, Paul L., and Lutz.
Lutz, Theodore E., Galion, assignor of one-eighth to C. W. Kimerline, Bucyrus, Ohio. Bituminous road mixer and resurfacing machine. 2,562,430, July 31.
Lux, Michael, Clairton, Pa. Tool-manipulator attachment for artificial arms. 2,561,523, July 24.
Luxema, S. A., assignee: *See*—
Vermeulen, Marc, and Le Drut.
Luxfer Limited, assignee: *See*—
Bridge, Archibald C.
Luzzatti, Emil, Danbury, Conn., and A. L. Nugey, Rahway, N. J. Apparatus for curing building blocks. 2,563,408, Aug. 7.
Lybarger, Samuel F., Canonsburg, assignor to E. A. Myers & Sons, Mount Lebanon, Pa. Magnetic microphone. 2,552,800, May 15.
Lycan, William H.: *See*—
Gerhart, Howard L., and Lycan.
Lycke, Engward M., assignor to Pillsbury Mills, Inc., Minneapolis, Minn. Gauge for doughnut machines. 2,553,264, May 15.
Lydfors, John, Eket, assignor to Aktiebolaget Dixma, Malmo, Sweden. Tens transfer device in calculating mechanisms. 2,537,471, Jan. 9.
Lydfors, John, Eket, assignor to Aktiebolaget Dixma, Malmo, Sweden. Selectively operable shiftable totalizer arrangement. 2,556,762, June 12.
Lydick, Clarence J., Wichita, Kans. Bicycle basket. 2,554,865, May 29.
Lyijynen, Fred, assignor to Briggs Manufacturing Company, Detroit, Mich. Press. 2,543,582, Feb. 27.
Lyijynen, Fred, assignor to Briggs Manufacturing Company, Detroit, Mich. Molding apparatus and method. 2,565,248, Aug. 21.
Lyijynen, Fred, assignor to Briggs Mfg. Co., Detroit, Mich. Making trim panels. 2,573,466, Oct. 30.
Lyijynen, Fred, assignor to Briggs Manufacturing Company, Detroit, Mich. Flexible laminated trim panel. 2,578,709, Dec. 18.
Lykken, Henry G. and W. H., assignors to The Microcyclomat Co., Minneapolis, Minn. Classifier units for friable material pulverizers. 2,561,388, July 24.
Lykken, William H.: *See*—
Lykken, Henry G. and W. H.
Lyle, Aaron K., West Hartford, Conn., assignor to Emhart Manufacturing Company. Process of and batch for making amber glass. 2,573,855, Nov. 6.
Lyle, Frederick W., Wilkinsburg, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Short-wave broadcast net. 2,542,823, Feb. 20.
Lyman, Donald F., and J. A. Rodgers, assignors to Eastman Kodak Company, Rochester, N. Y. Film sprocket guard. 2,541,475, Feb. 13.
Lyman, Eugene A., Mount Vernon, N. Y. Trousers hanger. 2,562,559, July 31.
Lyman, Joseph: *See*—
Litchford, George B., and Lyman.
Lyman, Kenneth E., Lake Forest, assignor to Tucker Corporation, Chicago, Ill. Front wheel spindle and bearing assembly. 2,536,819, Jan. 2.
Lyman, Kenneth E., Lake Forest, assignor to Tucker Corporation, Chicago, Ill. Diaphragm operated disk brake. 2,541,707, Feb. 13.
Lyman, Kenneth E., assignor to Tucker Corporation, Chicago, Ill. Wheel and brake assembly. 2,542,545, Feb. 20.
Lyman, Kenneth E., assignor to Tucker Corporation, Chicago, Ill. Cylinder structure for internal-combustion engines. 2,563,348, Aug. 7.
Lyman, Kenneth E., Lake Forest, assignor to Tucker Corporation, Chicago, Ill. Warning signal for vehicles. 2,564,984, Aug. 21.
Lyman, Kenneth E., Lake Forest, assignor to Tucker Corporation, Chicago, Ill. Automobile spring suspension. 2,571,736, Oct. 16.
Lyman, Kenneth E., Lake Forest, assignor to The Tucker Corporation, Chicago, Ill. Automobile frame suspension. 2,571,908, Oct. 16.
Lyman, Samuel, Union, N. J., assignor to Buensod-Stacey, Inc., New York, N. Y. Whirler spray nozzle with overhanging lip. 2,550,573, Apr. 24.
Lynam, Thornton L., North Dartmouth, assignor to Fibre Leather Manufacturing Corporation, New Bedford, Mass. Method and apparatus for making fibrous sheet material. 2,577,784, Dec. 11.
Lynch, Charles S.: *See*—
Corner, Eugene S., and Lynch.
Lynch, Charles S., Plainfield, N. J., assignor to Standard Oil Development Company. Production of industrial gas. 2,548,486, Apr. 10.
Lynch, Charles S., Plainfield, T. B. Wasserbach, Cranford, and W. R. F. Guyer, Roselle, N. J., assignors to Standard Oil Development Company. Making commercial mixtures of hydrogen and carbon monoxide. 2,541,657, Feb. 13.
Lynch, Clarence S., New Hyde Park, N. Y. Film viewer flashlight attachment. 2,553,100, May 15.
Lynch, Clarence S., New Hyde Park, N. Y. Paper fastener. 2,571,044, Oct. 9.
Lynch Corporation, assignee: *See*—
Rapp, Earl J.
Sandberg, Oscar.
Lynch, Edward E.: *See*—
Gabrielsen, Samuel, and Lynch.
Lynch, Edward E., Wakefield, and E. R. Gardner, Swampscott, Mass., assignors to General Electric Company. Gyro erecting arrangement. 2,555,981, June 5.
Lynch, Ralph S.: *See*—
Fisher, Samuel C., and Lynch.
Lynch, Sherman W.: *See*—
Cross, Carl J., and Lynch.
Lynch, Thomas E., assignor to The Brush Development Company, Cleveland, Ohio. Frequency change indicator. 2,566,222, Aug. 28.
Lynch, Thomas E., assignor to The Brush Development Company, Cleveland, Ohio. Magnetic recorder with automatic time delay between reversals of record transport system. 2,574,218, Nov. 6.
Lynch, William A., Houma, La., assignor to P. F. Wilber, Binghamton, N. Y. Method and machine for playing disk-type phonograph records. 2,555,895, June 5.
Lynch, William E.: *See*—
Doty, Arnold S., and Lynch.
Lynch, William E., and Robert M. Strain, assignors to P. R. Mallory & Co., Inc., Indianapolis, Ind. Bonding aluminum alloys to steel. 2,539,248, Jan. 23.

Lyne, Ralph R., West Kilbride, Scotland, assignor to Imperial Chemical Industries Limited. Production of aqueous solutions of polyvinyl acetate derivatives. 2,555,049, May 29.

Lyne, Ralph R., Wimbledon, England, and A. W. S. Clark, Glasgow, Scotland, assignors to Imperial Chemical Industries Limited. Production of polyvinyl alcohol-maleic acid-acetic acid esters. 2,555,050, May 29.

Lynes, Roberts K., Birmingham, England. Casing or enclosure for water softening apparatus. 2,579,328, Dec. 18.

Lynn, Ambrose: *See*—
Smith, Joseph J., Lynn, and Callender.

Lynn, Anthony P., Elmhurst, Ill. Lipstick holder. 2,574,405, Nov. 6

Lynn, Clarence, Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Commutator construction. 2,550,574, Apr. 24.

Lynn, Donald C., Lodi, Calif. Pump and reservoir unit for hydraulic jacks. 2,557,880, June 19.

Lynn, George A., Kansas City, Mo. Adjustable safety seat. 2,565,695, Aug. 28.

Lynn, John E: *See*—
Fluck, Linton A., Jr., Lynn, and McPhee.
Fluck, Linton A., Jr., Lynn, and Schuman.

Lynn, Lawrence B., Wilkinsburg, and C. R. Hanna, Pittsburgh, assignors to Westinghouse Electric Corporation East Pittsburgh, Pa. Control device. 2,568,401, Sept 18.

Lynn, Lawrence B., Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Vehicle stabilizing apparatus. 2,568,402, Sept. 18.

Lynn, Mark D., and R. D. Burkett, Columbia, Tenn. Harvester for tobacco. 2,560,729, July 17.

Lynxwiler, Thomas L. D., Ingleside, assignor to Mills Industries, Incorporated, Chicago, Ill. Escapement device. 2,538,022, Jan. 16.

Lyon, Charles G., Winnipeg, Manitoba, Canada. Production of glazing strips. 2,575,669, Nov. 20.

Lyon, Donald W., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Alkaline earth sulfide phosphorescent pigments. 2,544,507, Mar. 6.

Lyon, Donald W., assignor to E. I. du Pont de Nemours and Company, Wilmington, Del. Infrared phosphors. 2,569,939, Oct. 2.

Lyon, Donald W., assignor to E. I. du Pont de Nemours and Company, Wilmington, Del. Infrared phosphors. 2,569,940, Oct. 2.

Lyon, Donald W., assignor to E. I. du Pont de Nemours and Company, Wilmington, Del. Infrared phosphors. 2,570,136, Oct. 2.

Lyon, Floyd A.: *See*—
Halahan, John, Lyon, Mortimer, and Aronson.

Lyon, Floyd A., Elmhurst, N. Y., assignor to The Sperry Corporation. Computing gun sight. 2,577,785, Dec. 11.

Lyon, George A., Allenhurst, N. J. Wheel cover. 2,537,072, Jan. 9.

Lyon, George A., Allenhurst, N. Y. Endless belt stretching, truing, and smoothing apparatus. 2,541,080, Feb. 13.

Lyon, George A., Allenhurst, N. Y. Wheel cover. 2,541,079, Feb. 13.

Lyon, George A., Allenhurst, N. J. Wheel cover. 2,544,699, Mar. 13.

Lyon, George A., Allenhurst, N. J. Wheel cover. 2,544,700, Mar. 13.

Lyon, George A., Allenhurst, N. J. Wheel cover. 2,544,701, Mar. 13.

Lyon, George A., Allenhurst, N. J. Wheel cover. 2,547,031, Apr. 3.

Lyon, George A., Allenhurst, N. J. Wheel structure. 2,547,032, Apr. 3.

Lyon, George A., Allenhurst, N. J. Wheel cover. 2,547,033, Apr. 3.

Lyon, George A., Allenhurst, N. J. Method of and apparatus for making plastic wheel trim. 2,547,275, Apr. 3.

Lyon, George A., Allenhurst, N. J. Wheel cover. 2,547,953, Apr. 10.

Lyon, George A., Allenhurst, N. J. Helmet. 2,557,123, June 19.

Lyon, George A., Allenhurst, N. J. Wheel cover. 2,566,345, Sept. 4.

Lyon, George A., Allenhurst, N. J. Wheel cover. 2,570,255, Oct. 9.

Lyon, George A., Allenhurst, N. J. Wheel cover. 2,569,482, Oct. 2.

Lyon, George A., Allenhurst, N. J. Wheel cover. 2,579,504, Dec. 25.

Lyon, George A., Allenhurst, N. J. Wheel structure. 2,579,505, Dec. 25.

Lyon, George A., Detroit, Mich. Method of and apparatus for forming plastic. 2,537,311, Jan. 9.

Lyon, George A., Detroit, Mich. Circular tray. 2,541,081, Feb. 13.

Lyon, George A., Detroit, Mich. Wheel cover. 2,544,702, Mar. 13.

Lyon, George A., Detroit, Mich. Wheel cover. 2,544,703, Mar. 13.

Lyon, George A., Detroit, Mich. Wheel cover. 2,544,704, Mar. 13.

Lyon, George A., Detroit, Mich. Wheel cover. 2,544,705, Mar. 13.

Lyon, George A., Detroit, Mich. Wheel cover. 2,557,124, June 19.

Lyon, George A., Detroit, Mich. Wheel cover. 2,569,483, Oct. 2.

Lyon, George A., Detroit, Mich. Buffing wheel and making same. 2,571,146, Oct. 16.

Lyon, George A., Detroit, Mich. Buffing wheel and making the same. 2,571,147, Oct. 16.

Lyon, George A., Detroit, Mich. Wheel cover. 2,574,491, Nov. 13.

Lyon, George A., Detroit, Mich. Making buffing wheels. 2,571,148, Oct. 16.

Lyon, George A., Detroit, Mich. Wheel cover. 2,576,130, Nov. 27.

Lyon, George A., Detroit, Mich. Buffing apparatus. 2,576,131, Nov. 27.

Lyon, George A., Detroit, Mich. Wheel cover. 2,579,506, Dec. 25.

Lyon, Gerald, Farnham Royal, assignor to The Fairey Aviation Company Limited, Hayes, England. Profile generating machine. 2,564,540, Aug. 14.

Lyon, Herbert F., Memphis, Tenn. Extension table with additive leaf. 2,553,976, May 22.

Lyon Industries, Inc., assignee: *See*—
Nicholson, Ralph A.
Reynolds, Donald S., Hooker, and Voirol.

Lyon, Herman L., and J. R. Boeker, Newark, assignors to Owens-Corning Fiberglas Corporation, Toledo, Ohio. Insulating material and forming the same. 2,566,619, Sept. 4.

Lyon, Hyland, Los Angeles, Calif. Expansible pin structure. 2,566,573, Sept. 4.

Lyon, John C., Upper Darby, assignor to The Budd Company, Philadelphia, Pa. Room arrangement for sleeping cars. 2,548,294, Apr. 10.

Lyon, John C., Upper Darby, assignor to The Budd Company, Philadelphia, Pa. Sleeping car. 2,556,140, June 5.

Lyon, John C., Upper Darby, Pa., assignor, by mesne assignments, to Heywood-Wakefield Company, Gardner, Mass. Adjustable foot and leg rest for car seats. 2,559,127, July 3.

Lyon, John C., Upper Darby, assignor to The Budd Company, Philadelphia, Pa. Support for sleeping car berth or the like. 2,560,513, July 10.

Lyon, Leonidas N., Jr., and B. F. Arnim, Houston, Tex. Dehydrating grain. 2,561,442, July 24.

Lyon Metal Products, Incorporated, assignee: *See*—
Bales, James E.
Knuth, Harvey G.
O'Connor, John B.

Lyon, Newton E., Denver, Colo. Button attaching tool with feed channel in base. 2,538,255, Jan. 16.

Lyon, Norman W.: *See*—
Smith, Elmer L., Lyon, and Prince.

Lyon, Norman W., assignor to Package Machinery Company, Springfield, Mass. Interchangeable conveyer frame units. 2,550,156, Apr. 24.

Lyon-Raymond Corporation, assignee: *See*—
Gibson, Christian D.

Lyon, William, Prestwich, near Manchester, assignor to Messrs. Walmsleys (Bury) Ltd., Bury, England. Oscillating doctor for paper machines. 2,544,557, Mar. 6.

Lyon, William B., Detroit, Mich. Display cabinet. 2,575,822, Nov. 20.

Lyons, Dan A., assignor, by mesne assignments, to Young Iron Works, Seattle, Wash. Industrial truck with hand tilted frame. 2,570,256, Oct. 9.

Lyons, Eugene M.: *See*—
Epling, John H., and Lyons.

Lyons, Frank H., assignor to E. L. Bruce Co., Memphis, Tenn. Penetrating wood-finishing composition. 2,576,797, Nov. 27.

Lyons, Harry, Fayetteville, Ark. Motor governor. 2,562,322, July 31.

Lyons, Leonard J.: *See*—
Baker, Bill P., and Lyons.

Lyons, Orlin W.: *See*—
Crouch, James O., and Lyons.
Haynes, James D., and Lyons.

Lyons, Paul M., assignor to General Motors Corporation, Dayton, Ohio. Threaded fastening means. 2,552,102, May 8.

Lyons, Richard T., Toronto, Ontario, Canada, assignor to The Patent and Licensing Corporation, New York, N. Y. Covered expansion joint. 2,580,034, Dec. 25.

Lyster, Louis E., Las Vegas, N. Mex. Foot scraper for automobiles and the like. 2,557,229, June 19.

Lyte, George A., Allentown, Pa. Multiple blast. 2,566,948, Sept. 4.

Lytle, Chester W., assignee: *See*—
Nienaber, Frank, Henderson, Ranseen, and Lytle.

Lytle, Clark K., Fairfield, Ala., assignor to Tennessee Coal, Iron and Railroad Company. Method and composition for reducing the amount of dross floating on spelter bath. 2,578,977, Dec. 18.

Lytle, Donald B.: *See*—
Messinger, William, and Lytle.

Lytle, Effie C., executrix: *See*—
Lytle, George B.

Lytle Engineering Company, assignee: *See*—
Lytle, George B.

Lytle, George A., Sacramento, Calif. Fishing line jerk attachment. 2,567,340, Sept. 11.

Lytle, George B., deceased, Cleveland, Ohio; E. C. Lytle, executrix of said G. B. Lytle, assignor to W. W. Lytle and C. R. Webber, trading under the name of Lytle Engineering Company, Cleveland, Ohio. Hydropneumatic apparatus for developing and maintaining hydrostatic pressure. 2,536,881, Jan. 2.
Lytle, William O., and A. E. Junge, New Kensington, assignors to Pittsburgh Plate Glass Company, Allegheny County, Pa. Electroconductive products and production thereof. 2,566,346, Sept. 4.
Lytle, W. W., assignee: *See*—
Lytle, George B.
Lyttle, Douglas A.: *See*—
Weisblat, David I., and Lyttle.
Lyttle, Douglas A., and D. I. Weisblat, assignors to The Upjohn Company, Kalamazoo, Mich. Stabilization of esters of nitromalonic acid. 2,540,682, Feb. 6.
Lytton, Coit B., Goldsboro, N. C. Heating and ventilating apparatus for tobacco barns. 2,551,215, May 1.
Lytton, Lewis G., St. Bernard, assignor to The Cincinnati Advertising Products Company, Cincinnati, Ohio. Illuminated sign structure. 2,540,271, Feb. 6.
Lytton, Marion R., assignor to American Viscose Corporation, Wilmington, Del. Copolymers of acrylonitrile and isobutylene and making the same. 2,537,146, Jan. 9.
Lytton, Marion R., West Chester, Pa., assignor to American Viscose Corporation, Wilmington, Del. Copolymer of acrylonitrile and isobutene and its production. 2,549,913, Apr. 24.
M & B Industries, Inc., assignee: *See*—
Morton, Alfred A.
M. B., Manufacturing Company, Inc., The, assignee: *See*—
Efromson, Philip C.
Efromson, Philip C., and Lewis.
M & J Diesel Locomotive Filter Corporation, assignee: *See*—
Morris, John P.
M. K. Manufacturing Corp., assignee: *See*—
McGlinchey, Arthur E.
M. L. Aviation Company Limited, assignee: *See*—
Lobelle, Marcel J. O.
M and M Wood Working Company, assignee: *See*—
Becker, Irven S.
Nylund, John A
Thompson, Walter S.
M. O. Valve Company Limited, assignee: *See*—
Harris, Norman L., and Proctor.
M-O Valve Company, Limited, The, assignee: *See*—
Gait, Arthur W. W.
M. P. H. Industries, assignee: *See*—
Hewlett, William R., and Packard.
M & R Dietetic Laboratories, Inc., assignee: *See*—
Baur, Lorenz S., and Gerber.
Wallace, Alexander E.
Wallace, Alexander E., and James.
M. S. P. (Luxi-Products) Limited, assignee: *See*—
Smith, Frederick T.
Ma, Chuk Ching: *See*—
Fink, Colin G., and Ma.
Maack, Henry W.: *See*—
Eckman, Harry A., and Maack.
Maage, Alfred E., Jr., assignor to M. A. Gerett Corporation, Milwaukee, Wis. Coin actuated calendar bank. 2,550,364, Apr. 24.
Maag-Zahnrader und -Maschinen Aktiengesellschaft, assignee: *See*—
Aeppli, Albert.
Ernst, Daniel.
Maas, Louis A., Glendale, assignor to Maas-Rowe Electromusic Corporation, Los Angeles, Calif. Electric pickup for vibrations. 2,553,927, May 22.
Maaskant, Leendert, Arnhem, Netherlands, assignor to American Enka Corporation, Enka, N. C. Treating casein threads, fibers, and the like. 2,539,958, Jan. 30.
Maas-Rowe Electromusic Corporation, assignee: *See*—
Maas, Louis A.
Mabie, Ralph R., Jr.: *See*—
Mabie, Ralph R., Sr., and R. R., Jr.
Mabie, Ralph R., Sr., Beverly Hills, and R. R. Mabie, Jr., Los Angeles, assignors to The Frelox Shingle Corporation, San Francisco, Calif. Shingle. 2,538,206, Jan. 16.
Mabie, Todd, and Company Limited, assignee: *See*—
Sears, Edward S.
Mabon, Carl R., Niagara Falls, and L. F. Hageman, Lewiston, assignors to Moore Business Forms, Inc., Niagara Falls, N. Y. Feeding mechanism for writing machines. 2,543,919, Mar. 6.
Mabry, Forrest S.: *See*—
Evans, Walter C., and Mabry.
Mabry, Forrest S., and W. R. Wilson, Baltimore, Md., assignors, by mesne assignments, to the United States of America as represented by the Secretary of the Navy. Radio receiver. 2,548,383, Apr. 10.
Mabry, Melvin, Elmer, Mo. Rotary tool carrying tractor attachment device. 2,580,110, Dec. 25.
Måby, Per G., Stockholm, Sweden. Punching tool. 2,545,237, Mar. 13.
MacAllister, John L., Pasadena, Calif. Fishing leader. 2,559,080, July 3.
Macallum, Alexander Douglas, London, Ontario, Canada. Producing aromatic sulfide and the resultant products. 2,538,941, Jan. 23.
Macallum, Ernest N.: *See*—
Delmar, Geza S., and Macallum.
Macaluso, Alfred, Brooklyn, N. Y. Combined adjustable clothes hanger and pants holder. 2,573,467, Oct. 30.
Macaluso, Henry: *See*—
Zendzian, Frank V., and Macaluso.
Macardier, Louis P., Lyon, assignor to Compagnie Generale d'Electricite, Paris, France. Stop joint for use on oil-filled cables. 2,540,898, Feb. 6.
MacArthur, Archibald N., Oshkosh, Wis. Drain pipe blowout plug. 2,564,402, Aug. 14.
MacArthur, William J., Los Angeles, Calif. Pump packing. 2,538,207, Jan. 16.
Macartney, John H., San Francisco, Calif. Apparatus for centrifugal pulverizing and separating. 2,562,560, July 31.
Macau V., Jose A., Santo Suarez, Habana, Cuba. Illuminated sign. 2,566,458, Sept. 4.
Macbeth, Allan, Fernhurst, assignor to Executors of James Mills, Limited, Woodley, near Stockport, England. Machine or apparatus for straightening metal rods, bars, and the like. 2,573,669, Oct. 30.
Macbeth, Colin, Birmingham, and A. Kay, deceased, Prestwich, by P. Archer, Deputy Public Trustee of the Public Trustee, Manchester, England, legal representative; assignor to said Macbeth. Resilient clutch plate. 2,556,624, June 12.
Macbeth Engineering Corporation, assignee: *See*—
McBeth, Freeman M.
Macbeth, George T., Bronxville, N. Y. Mixer for gaseous or vaporized materials. 2,546,515, Mar. 27.
MacBlane, James, Elmira, N. Y. Fishing reel. 2,548,317, Apr. 10.
MacBride, Herbert L.: *See*—
Ludwig, Ralph E., and MacBride.
MacCallum, Alan M.: *See*—
Perkins, Corles M., and MacCallum.
MacCallum, Allan M. Maywood, and N. B. Murphy, West Englewood, assignors to Bendix Aviation Corporation, Teterboro, N. J. Altitude control. 2,552,196, May 8.
Maccallum, James C., St. Louis, Mo. Germicidal hair drier or the like. 2,560,808, July 17.
MacChesney, Chester M., assignor to Acme Steel Company, Chicago, Ill. Lead pot furnace. 2,564,849, Aug. 21.
MacChesney, Chester M., assignor to Acme Steel Company, Chicago, Ill. Stitching machine. 2,564,850, Aug. 21.
MacClatchie, John W., Los Angeles, Calif. Rod wiper. 2,550,487, Apr. 24.
MacClatchie, John W., Los Angeles, Calif. Pump piston. 2,576,025, Nov. 20.
MacCarthy, Parker W.: *See*—
Truelove, Albert E., and MacCarthy.
MacCracken, Calvin D., New Rochelle, N. Y., assignor to Jet-Heet, Inc., Englewood, N. J. Liquid fuel nozzle. 2,567,818, Sept. 11.
MacCracken, Calvin D., Tenafly, assignor to Jet-Heet, Inc., Englewood, N. J. Warm-air heating system utilizing as the fuel a combustible gas. 2,579,507, Dec. 25.
Macdonald, Alexander D., Newton, and S. L. Sprague, Westwood, assignors to B. B. Chemical Co., Boston, Mass. Aqueous polychloroprene adhesives and preparing the same. 2,550,834, May 1.
Macdonald, Donald A.: *See*—
Iknavan, Alfred N., and Macdonald.
MacDonald, Donald J., assignee: *See*—
Blasdell, Wallace T.
MacDonald, Ervin D.: *See*—
Carbonara, Victor E., and MacDonald.
Macdonald, Eugene M., Shaker Heights, Ohio. Ticket pad and holder. 2,558,657, June 26.
Macdonald, Eugene M., University Heights, assignor to The MacDonald Manufacturing Company, Cleveland, Ohio. Ticket holder. 2,544,337, Mar. 6.
Macdonald, Herbert G., assignor to Amco Development Company, Monrovia, Calif. Wood filling and finishing apparatus. 2,565,036, Aug. 21.
MacDonald, Jessie L., Fort Myers, Fla. Hair trap for washbasins. 2,548,541, Apr. 10.
Macdonald, John G., assignor to The Dominion Road Machinery Co., Limited, Goderich, Ontario, Canada. Road grader. 2,577,340, Dec. 4.
MacDonald, Karl, Wellsville, N. Y., assignor to Worthington Pump and Machinery Corporation, Harrison, N. J. Valve. 2,550,418, Apr. 24.
Macdonald, Kenneth W., Arlington, assignor to Production Machine Company, Greenfield, Mass. Centerless grinding and polishing machine. 2,536,757, Jan. 2.
MacDonald Manufacturing Company, The, assignee: *See*—
Macdonald, Eugene M.
MacDonald, Murray J., Chappaqua, C. Schwendler, Woodside, and C. S. Schwendler, Elmhurst, N. Y., assignors to National Casket Company Incorporated, Long Island City, N. Y. Crematory urn. 2,562,726, July 31.
MacDonald, Raymore D., La Grange, assignor to Athey Products Corporation, Chicago, Ill. Loading machine. 2,564,486, Aug. 14.
MacDonald, Raymore D., La Grange, assignor to Athey Products Corporation, Chicago, Ill. Portable breaker unit with bar-screen separator in the material feed structure. 2,567,389, Sept. 11.
MacDonald, Robert N., New Castle, assignor to E. I. du Pont de Nemours and Company, Wilmington, Del. N-carboanhydrides. 2,560,584, July 17.

MacDonald, Robert N., New Castle, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. N-carboanhydride of 2-amino-4,6,6-trimethylheptanoic acid and polymers therefrom. 2,572,842, Oct. 30.

MacDonald, Robert N., New Castle, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Linear polymeric alpha-amino carboxylic acid polyamides from spiro-N-carboanhydrides. 2,572,843, Oct. 30.

MacDonald, Robert N., New Castle, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Polymers from a composition consisting of a plurality of amino acid N-carboanhydrides. 2,572,844, Oct. 30.

Macdonald, Wallace, Long Beach, Calif. Identification and signaling device for vehicles. 2,559,163, July 3.

MacDonnell, Donald R.: *See*—
Clymer, Harold A., and MacDonnell.

MacDougall, Allan, Jr., Pittsburgh, Pa. Air-conditioning conduit and procedure for installing same. 2,551,751, May 8.

MacDougall, Donald J., Framingham, and P. J. Cade, Sharon, assignors to Photoswitch, Incorporated, Cambridge, Mass. Fire warning device. 2,577,973, Dec. 11.

Macdougall, Iver C., Bronxville, N. Y., assignor to Stauffer Chemical Company. Carbon bisulfide retort. 2,577,786, Dec. 11.

MacDougall, Nelson: *See*—
Ferguson, Duncan, MacDougall, and Meyer.

MacDuff, Stanley I., assignor to Bendix Aviation Corporation, South Bend, Ind. Temperature compensator for hydraulic systems. 2,551,274, May 1.

Mace, Harry W.: *See*—
Crutchfield, Leslie M., Campbell, and Mace.

Mace, Thomas K., assignor to Girling Limited, Birmingham, England. Vehicle brake. 2,559,363, July 3.

Macerata, Stelio, Johannesburg, Transvaal, Union of South Africa. Manufacture of reinforced hollow structures. 2,561,581, July 24.

MacEvoy, Warren J., South Orange, N. J. Apparatus for troweling or coating the interior surface of a conduit. 2,575,353, Nov. 20.

Macey, Byron K.: *See*—
Brown, Guy E., and Macey.

MacFarland, Allison M., assignor, by mesne assignments, to Burgess Battery Company, Freeport, Ill. Dry cell construction. 2,542,934, Feb. 20.

MacFarland, Allison M., assignor of one-half to F. Howard and one-half to W. G. Angelos, Freeport, Ill. Pin setting machine. 2,550,835, May 1.

MacFarland, Charles H., assignor to The Scott & Fetzer Company, Cleveland, Ohio. Detachable mounting for vacuum cleaner nozzles with power-driven brush. 2,538,464, Jan. 16.

MacFarland, Charles H., Cleveland, and N. H. Hammink, Rocky River, assignors to The Scott & Fetzer Company, Cleveland, Ohio. Attachment for vacuum cleaners. 2,563,541, Aug. 7.

Macfarlane, James C. and W. I., Glasgow, Scotland. Commutated dynamoelectric machine. 2,562,052, July 24.

Macfarlane, William I.: *See*—
Macfarlane, James C. and W. I.

Macgeorge, William D: *See*—
Hunt, Walter L., and Macgeorge.

Macgeorge, William D., Collegeville, assignor to Automatic Temperature Control Co., Inc., Philadelphia, Pa. Relay. Re. 23,426, Oct. 30.

Macgeorge, William D., Collegeville, assignor to Automatic Temperature Control Co., Inc., Philadelphia, Pa. Differential transformer with long stroke and linear output. 2,568,588, Sept. 18.

Macgeorge, William D., Drexel Hill, Pa., assignor to Baldwin-Lima-Hamilton Corporation. Stress telemetering system. 2,555,355, June 5.

Macgeorge, William D., Havertown, assignor to Automatic Temperature Control Co., Inc., Philadelphia, Pa. Differential transformer. 2,537,773, Jan. 9.

Macgeorge, William D., Havertown, assignor to Automatic Temperature Control Co., Inc., Philadelphia, Pa. Time delay relay. 2,538,732, Jan. 16.

Macgeorge, William D., Havertown, assignor to Automatic Temperature Control Co., Inc., Philadelphia, Pa. Valve timer. 2,546,695, Mar. 27.

Macgeorge, William D., Havertown, assignor to Automatic Temperature Control Co., Inc., Philadelphia, Pa. Electronic controlled relay. 2,548,542, Apr. 10.

Macgeorge, William D., Havertown, assignor to Automatic Temperature Control Co., Inc., Philadelphia, Pa. Relay. 2,554,467, May 22.

Macgeorge, William D., Havertown, assignor to Automatic Temperature Control Co., Inc., Philadelphia, Pa. Temperature controlled fluid flow regulator. 2,558,708, June 26.

Macgeorge, William D., Havertown, assignor to Automatic Temperature Control Co., Inc., Philadelphia, Pa. Differential transformer. 2,568,587, Sept. 18.

Macgill, Charles D.: *See*—
French, James W., Strang, and Macgill.

MacGillvray, William D., U. S. Navy. Turntable for instrument trainers. 2,538,786, Jan. 23.

MacGregor Instrument Company, assignee: *See*—
Trumbour, George P.
Trumbour, George P., and Prater.
Williams, David C.

MacGregor, J. R.: *See*—
White, Ellis E.

MacGregor, James, Pittsburgh, Pa. Food warmer. 2,546,104, Mar. 20.

Macgregor, John B., San Diego, Calif. Washing machine. 2,552,197, May 8.

MacGregor, Peter G., Pequannock, assignor to Pyrene Manufacturing Company Newark, N. J. Multiple outlet nozzle. 2,544,558, Mar. 6.

MacGuire, William E., Louisville, Ky., assignor to F. B. Yingling, Hamilton, Ohio. Pneumatic hammer. 2,547,224, Apr. 3.

Mach, Benjamin W., Chicago, Ill. Cooking utensil. 2,544,846, Mar. 13.

Macha, Louis, Jr., Houston, Tex. Drafting instrument. 2,568,647, Sept. 18.

Machamer, Frank E., Rome, N. Y. Automatic draft controlled brake. 2,574,406, Nov. 6.

Machanic, Hermon, Burlington, Vt. Tilting iron. 2,552,988, May 15.

Machanic, Hermon, Burlington, Vt. Delivery carrier truck. 2,565,820, Aug. 28.

MacHenry, Richard, Prospect Park, Pa., assignor to American Viscose Corporation, Wilmington, Del. Sheet cutting means. 2,550,836, May 1.

MacHenry, Richard, Prospect Park, Pa., assignor to American Viscose Corporation, Wilmington, Del. Staple cutter. 2,570,466, Oct. 9.

Machesney, Henry, Brentwood, Pa. Toy handcar. 2,549,980, Apr. 24.

Machine Circuit Control Co., assignee: *See*—
Gates, James T.
Gates, James T., Lister, and Panetta.

Machine Tool Works Oerlikon Administration Company, assignee: *See*—
Keller, Siegfried, and Keller.

Machine-Craft Mfg. Co., assignee: *See*—
Schildknecht, Paul.

Machinefabriek Gebr. Stork & Co. N. V., assignee: *See*—
Busquet, Jan C.

Machinist, Harold I., Parkchester, assignor to Electronic Irradiation, Inc., Jamaica, N. Y. Electronic purifier. 2,537,774, Jan. 9.

Machler, Raymond C., assignor to Leeds and Northrup Company, Philadelphia, Pa. Spectrographic light source. 2,541,877, Feb. 13.

Machler, Raymond C., assignor to Leeds and Northrup Company, Philadelphia, Pa. High-temperature-measuring system. 2,565,249, Aug. 21.

Machlet, Adolph W., Elizabeth, N. J. Surfacing metallic articles. 2,551,957, May 8.

Machlett Laboratories Incorporated, assignee: *See*—
Magnusson, Bror K. M.
Skehan, Joseph W., and Rogers.

Machniak, Bruno G., Detroit, Mich. Housing for burners. 2,561,389, July 24.

Maciejowski, John J., Ipswich, and R. W. Daniels, Jr., Salem, Mass., assignors to United Shoe Machinery Corporation, Flemington, N. J. Leather compacting and burnishing. 2,571,149, Oct. 16.

Maciejowski, John J., Wenham, and R. W. Daniels, Jr., Salem, Mass., assignors to United Shoe Machinery Corporation, Flemington, N. J. Machine for treating and handling heavy leather. 2,571,269, Oct. 16.

MacIntosh, John C.: *See*—
Wasley, William A., and MacIntosh.

MacIntyre, John S., Milwaukee, Wis. Paper storage and page end indicating attachment for typewriters. 2,574,575, Nov. 13.

Macip, Luis G., Barcelona, Spain. Foldable carriage for children. 2,573,106, Oct. 30.

MacIsaac, John T., Jr.: *See*—
Truslow, Grover C., and MacIsaac.

Mack, Charles, Sarina, Ontario, Canada, assignor to Standard Oil Development Company. Producing asphalt compositions. 2,545,963, Mar. 20.

Mack, Charles, Sarnia, Ontario, Canada, assignor to Standard Oil Development Company. Improving flow properties of asphalt. 2,580,035, Dec. 25.

Mack, Dick A.: *See*—
Farly, George M., and Mack.

Mack, Grant V.: *See*—
Wagner, Carl J., and Mack.

Mack Manufacturing Corporation, assignee: *See*—
Ambler, Franklin M.
Hulick, Alvin F.
Schantz, Gordon M.
Webster, Robert M., Jr., and Thomas.

Mack, Perry E., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Rewind type rope starter. 2,564,787, Aug. 21.

Mack, Robert E., Philadelphia, Pa. Theft prevention device for tractor drawn trailers. 2,554,306, May 22.

Mack, Wayne E., Martins Ferry, Ohio, assignor to Wheeling Steel Corporation, Wheeling, W. Va. Expanded metal harrow. 2,537,538, Jan. 9.

Mack, Wayne E., Martins Ferry, Ohio, assignor to Wheeling Steel Corporation, Wheeling, W. Ga. Precipitator collecting electrode. 2,575,181, Nov. 13.

Mack, William: *See*—
Townsley, Malcolm G., and Mack.

Mackay, John: *See*—
Mackay, Laurence H. and J.

MacKay, John R., Packanack Lake, assignor to Wallace & Tiernan Products, Inc., Belleville, N. J. Lamp changing apparatus. 2,551,028, May 1.
MacKay, John R., Packanack Lake, assignor to Wallace & Tiernan Products, Inc., Belleville, N. J. Lamp changer construction. 2,551,029, May 1.
MacKay, John R., Packanack Lake, assignor to Wallace & Tiernan Products, Inc., Belleville, N. J. Single station range light apparatus. 2,570.137, Oct. 2.
MacKay, John R., Packanack Lake, assignor to Wallace & Tiernan Products, Inc., Belleville, N. J. Single station range light apparatus. 2,570,138, Oct. 2.
Mackay, Johnstone S.: *See*—
Paden, Joseph H., and Mackay.
Mackay, Johnstone S., Old Greenwich, Conn., assignor to American Cyanamid Company, New York, N. Y. Production of melamine from lime nitrogen. 2,545,480, Mar. 20.
Mackay, Johnstone S., Old Greenwich, Conn., assignor to American Cyanamid Company, New York, N. Y. Preparation of melamine. 2,566,223, Aug. 28.
Mackay, Johnstone S., Old Greenwich, Conn., assignor to American Cyanamid Company, New York, N. Y. Production of melamine. 2,566,224, Aug. 28.
Mackay, Johnstone S., Old Greenwich, Conn., assignor to American Cyanamid Company, New York, N. Y. Production of melamine. 2,566,228, Aug. 28.
Mackay, Johnstone S., Old Greenwich, Conn., assignor to American Cyanamid Company, New York, N. Y. Discharging melamine. 2,566,229, Aug. 28.
Mackay, Johnstone S., Old Greenwich, and J. H. Paden, Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Preparation of melamine. 2,537,936, Jan. 9.
Mackay, Johnstone S., Old Greenwich, and J. H. Paden, Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Preparing substituted melamines. 2,537,937, Jan. 9.
Mackay, Johnstone S., Old Greenwich, and J. H. Paden, Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Producing melamine. 2,561,390, July 24.
Mackay, Johnstone S., Old Greenwich, and J. H. Paden, Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Preparing substituted melamines. 2,566,225, Aug. 28.
Mackay, Johnstone S., Old Greenwich, and J. H. Paden, Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Producing substituted melamines. 2,566,226, Aug. 28.
Mackay, Johnstone S., Greenwich, and J. H. Paden, Glenbrook, Conn., assignors to American Cyanamid Company, New York, N. Y. Preparation of melamine. 2,566,230, Aug. 28.
Mackay, Johnstone S., Old Greenwich, and J. R. Bower, Jr., Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Graphite reaction tube liner for high-temperature melamine plant. 2,575,497, Nov. 20.
Mackay, Johnstone S., Old Greenwich, and W. P. Lawler, Springdale, Conn., assignors to American Cyanamid Company, New York, N. Y. Production of melamine. 2,575,498, Nov. 20.
Mackay, Laurence H. and J., Durham, England. Weaving pile carpets and resultant product. 2,544,338, Mar. 6.
Mackelduff, Samuel F.: *See*—
Simpson, Henry A., and Mackelduff.
Mackelduff, Samuel F., West Chester, assignor, by mesne assignments, to The Lake Laboratories Co. Inc., Philadelphia, Pa. Sealing container. 2,563,542, Aug. 7.
Mackensen, Harold T., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Feed nut sleeve for drills. 2,549,105, Apr. 17.
Mackenzie, Andrew S., assignee: *See*—
Belden, Lloyd I.
MacKenzie, Charles A.: *See*—
Rust, John B., and MacKenzie.
MacKenzie, Charles A., East Orange, N. J., assignor of one-half to Montclair Research Corporation, and one-half to Ellis-Foster Company. Silicon acylates. 2,566,347, Sept. 4.
MacKenzie, Charles A., East Orange, N. J., and M. Schoffman, Brooklyn, N. Y., assignors of one-half to Montclair Research Corporation, and one-half to Ellis-Foster Company. Substituted silicon acylates. 2,537,073, Jan. 9.
Mackenzie, Franklin H., Lansdowne, Pa. Phosphate glass. 2,574,047, Nov. 6.
MacKenzie, Kenneth R., Pacific Palisades, Calif., assignor to the United States of America as represented by the United States Atomic Energy Commission. Frequency modulation system. 2,545,623, Mar. 20.
MacKenzie, Kenneth W., Newton Highlands, and G. E. Andrews, Andover, assignors to Raytheon Manufacturing Company, Newton, Mass. Electrostatic smoking device. 2,565,454, Aug. 21.
MacKenzie, Joseph B.: *See*—
Martin, Eugene, Surdy, and MacKenzie.
MacKenzie, R. E., assignee: *See*—
Adams, Douglas D., Rollius and Risher.
Mackenzie, Robert S., North Chelmsford, assignor to H. E. Fletcher Company, Chelmsford, Mass. Stone tracer. 2,577,535, Dec. 4.
MacKenzie, Wilbur L., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Ammunition feeding means. 2,550,837, May 1.
MacKenzie, Wilbur L., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Cleaning device for rotary brushes. 2,576,185, Nov. 27.
Mackert, John J., Detroit, Mich. Rotatable perforated top with agitator for powder cans. 2,545,624, Mar. 20.
Mackey, Alexander S., assignor to Ketchum Manufacturing Co. Limited, Ottawa, Ontario, Canada. Poultry band. 2,554,949, May 29.
Mackey, Augustus R., Newark, N. J. Reinforced clip and lingual or palatal bar for dentures. 2,560,460, July 10.
MacKey, Cecil R., assignor of one-half to N. J. Breakey, Toronto, Ontario, Canada. Paint roller with replaceable cylinder. 2,545,700, Mar. 20.
Mackey, Donald, Haddon Heights, N. J., assignor to Radio Corporation of America. Signal transfer apparatus. 2,544,508, Mar. 6.
Mackey, Douglas J.: *See*—
Stevens, Robert W., and Mackey.
Mackey, E. Scudder, Binghamton, assignor to General Aniline & Film Corporation, New York, N. Y. 4-benzoylresorcinol as an ultraviolet absorbent. 2,568,894, Sept. 25.
Mackey, E. Scudder, Binghamton, assignor to General Aniline & Film Corporation, New York, N. Y. Inhibiting color decomposition of dyes present in color photographs. 2,579,435, Dec. 18.
Mackey, E. Scudder, Binghamton, assignor to General Aniline & Film Corporation, New York, N. Y. Inhibiting the degradation of photographic color images. 2,579,436, Dec. 18.
Mackey, Fred B., Rozel, Kans. Gate fasteners. 2,562,561, July 31.
Mackey, Henry W., assignor to Motor Products Corporation, Detroit, Mich. Machine for first preliminarily and thereafter permanently assembling fittings. 2,536,381, Jan. 2.
Mackichan, Clare M., assignor to General Motors Corporation, Detroit, Mich. Vehicle door handle assembly. 2,548,115, Apr. 10.
Mackie, Harry A., Birmingham, and S. Duluk, Dearborn, assignors to General Motors Corporation, Detroit, Mich. Convertible folding top with automatic seal at rear quarter. 2,569,724, Oct. 2.
Mackie-Lovejoy Manufacturing Company, assignee: *See*—
Warren, Clarke E.
Mackie, Robert, Glasgow, Scotland. Shuttering for use in the manufacture of concrete structures. 2,566,528, Sept. 4.
MacKimmie, George B.: *See*—
Brown, George H., and MacKimmie.
Mackin, Daniel A., Jamaica, N. Y., and C. W. Goodwin, Plainfield, N. J., assignors to American Seal-Kap Corporation of Delaware, Wilmington, Del. Suction picker for container caps. 2,563,654, Aug. 7.
Mackin, John J., assignor to Green Bay Food Company, Green Bay, Wis. Apparatus for processing pickled food products. 2,573,468, Oct. 30.
Macklanburg, Louis A., and H. B. Foresman, Oklahoma City, Okla. Sash balance mechanism. 2,540,746, Feb. 6.
Macklin, Donald J.: *See*—
Bachman, Benjamin B., and Macklin.
Macklin, Justin W., assignee: *See*—
Grant, William H.
Macklin, Justin W., trustee, assignee: *See*—
Tegary, John B.
Macklin, Robert A., Toronto, Ontario, Canada. Composition for preventing fogging or freezing on automobile windshields. 2,539,384, Jan. 30.
Mackmann, Arthur, Chicago, Ill. Machine for forming tapered toothed members. 2,539,449, Jan. 30.
Mackmann, Arthur, Chicago, Ill. Positive drive gear chuck. 2,543,117, Feb. 27.
Mackmann, Arthur, Chicago, Ill. Spline arbor chuck. 2,549,832, Apr. 24.
Mackmann, Arthur, and B. S. Nelson, assignors to Foote Bros. Gear and Machine Corporation, Chicago, Ill. Hob for forming double enveloping worm gears. 2,542,546, Feb. 20.
MacKnight, Edgar W., San Leandro, Calif. Adjustable auxiliary seat assembly. 2,572,874, Oct. 30.
Mackta, Leo, Brooklyn, N. Y. Replaceable gun lining. 2,555,496, June 5.
Maclay, William D.: *See*—
Owens, Harry S., and Maclay.
Maclay, William D., Berkeley, A. D. Shepherd, El Cerrito, R. M. McCready, Berkeley, and R. P. Graham, Albany, Calif., assignors to the United States of America as represented by the Secretary of Agriculture. Obtaining pectinic acids of low methyl ester content in concentrated form. 2,550,705, May 1.
Maclay, William R., Athens, Pa., assignor to Ingersoll-Rand Company, New York, N. Y. Ratchet wrench. 2,573,469, Oct. 30.
MacLean, Alexander F.: *See*—
Paden, Joseph H., and MacLean.
Stautzenberger, Adin L., and MacLean.
MacLean, Alexander F., Calallen, Tex., assignor to American Cyanamid Company, New York, N. Y. Guanylmelamines and preparing. 2,537,840, Jan. 9.

MacLean, Alexander F., Robstown, Tex., assignor to Celanese Corporation of America. Recovery of oxygenated compounds. 2,545,889, Mar. 20.

MacLean, Alexander F., Robstown, and W. E. Heinz, Corpus Christi, Tex., assignors to Celanese Corporation of America. Formaldehyde conversion. 2,568,016, Sept. 18.

MacLean, Alexander F., Robstown, and W. E. Heinz, Corpus Christi, Tex., assignors to Celanese Corporation of America, New York, N. Y. Paraformaldehyde from formaldehyde. 2,568,017, Sept. 18.

MacLean, Alexander F., Robstown, and W. E. Heinz, Corpus Christi, Tex., assignors to Celanese Corporation of America, New York, N. Y. Treatment of paraformaldehyde. 2,568,018, Sept. 18.

MacLean, Alexander F., Robstown, and A. L. Stautzenberger, Corpus Christi, Tex., assignors to Celanese Corporation of America. Producing 2-methyl-1,3-pentanediol. 2,572,941, Oct. 30.

MacLean, Allen D., assignor to H. K. Porter Company, Inc., Pittsburgh, Pa. Operating mechanism. 2,575,964, Nov. 20.

MacLean, Charles O., East Greenwich, R. I. Expansible bit screw driver. 2,556,395, June 12.

MacLean-Fogg Lock Nut Company, assignee: *See*—
Doke, Ernest G.
MacLean, John A., Jr., and Money.
Rowe, Lawrence A.

MacLean, James M., Detroit, Mich. Blade for resilient wheels. 2,544,889, Mar. 13.

MacLean, John A., Jr., Winnetka, Ill., and B. F. Money, Tulsa, Okla. Cotter key. 2,537,841, Jan. 9.

MacLean, John A., Jr., Winnetka, Ill., and B. F. Money, Tulsa, Okla., assignors to MacLean-Fogg Lock Nut Company, Chicago, Ill. Cotter key. 2,543,414, Feb. 27.

MacLean, Thomas T., assignor to Anglo-Iranian Oil Company Limited, London, England. Flashlight switch. 2,540,683, Feb. 6.

MacLean, Thomas T., assignor to Anglo-Iranian Oil Company Limited, London, England. Eyeshield. 2,556,847, June 12.

MacLean, Thomas T., assignor to Anglo-Iranian Oil Company Limited, London, England. Protective hood. 2,579,942, Dec. 25.

MacLean, William R., Brooklyn, N. Y. Apparatus for magnetically measuring thickness of ferrous pipe. 2,573,799, Nov. 6.

MacLellan, William J., Seattle, Wash. Multiple leg support means. 2,542,040, Feb. 20.

MacLeod, Angus, Boston, Mass. Work supporting and clamping stand. 2,548,114, Apr. 10.

MacLeod, Donald K.: *See*—
Martin, William C., and MacLeod.

MacLeod, Donald K., assignor to United Steel Fabricators, Inc., Wooster, Ohio. Culvert pipe. 2,536,758, Jan. 2.

MacLeod, Norman A., Altadena, Calif. Subsurface irrigation system. 2,536,196, Jan. 2.

MacMahon, Andrew M., Houston, Tex., and A. H. Snell, Oak Ridge, Tenn., assignors to the United States of America as represented by the United States Atomic Energy Commission. Measuring device and method of measuring. 2,564,626, Aug. 14.

MacMahon, James D., Niagara Falls, N. Y., assignor to Mathieson Chemical Corporation. Preservation of milk by the use of water soluble chlorites. 2,575,670, Nov. 20.

MacMillan, Duncan C., U. S. Navy. Automatic door operator. 2,543,789, Mar. 6.

MacMillin, Howard F.: *See*—
Tucker, Warren R., and MacMillin.

MacMillin, Norman F., and H. M. Purcell, Mount Gilead, Ohio, assignors to H-P-M Development Corporation, Wilmington, Del. Radial vane pump. 2,545,238, Mar. 13.

MacMillan, Robert E., Baldwin, N. Y. Clothespin. 2,566,348, Sept. 4.

MacMin, Albert T., Philadelphia, and N. A. Malesky, Phoenixville, Pa., and M. F. Skaggs, Nashville, Tenn., assignors, by mesne assignments, to Reconstruction Finance Corporation, Philadelphia, Pa. Mending knitted fabrics formed of thermoplastic thread. 2,560,655, July 17.

Macnee, Alan B., Boston, Mass., assignor, by mesne assignments to the United States of America as represented by the Secretary of War. Amplifier coupling circuit. 2,571,045, Oct. 9.

MacNeille, Stephen M., Oak Ridge, Tenn., assignor, by mesne assignments, to the United States of America as represented by the United States Atomic Energy Commission. Ion vacuum gauge. 2,527,775, Jan. 9.

MacNichol, Edward F., Jr., Boston, Mass., assignor, by mesne assignments, to the United States of America as represented by the Secretary of War. Automatic range tracking circuit. 2,577,536, Dec. 4.

MacNichol, Edward F., Jr., Hamilton, Mass., assignor, by mesne assignments, to the United States of America as represented by the Secretary of the Navy. Coincidence-integrating circuit. 2,578,256, Dec. 11.

MacNutt, Samuel W., Philadelphia, Pa. Removing baked magnesium fluoride films from optical glass. 2,536,075, Jan. 2.

MacPhail, Angus: *See*—
Koenigsberger, Friedrich W., and MacPhail.

MacPhee, Anderson, Chesterfield, assignor to Mitchell Engineering Limited, London, England. Feed structure tube mills. 2,542,875, Feb. 20.

Macpherson, Robert B., assignor to Trico Products Corporation, Buffalo, N. Y. Pulley. 2,573,209, Oct. 30.

MacPhillamy, Harold B.: *See*—
Wintersteiner, Oskar, and MacPhillamy.

Macq, André, Uccle, assignor to Union Chimique Belge, Societe Anonyme, Brussels, Belgium. Making granulated pitch. 2,550,838, May 1.

Macq, André, Uccle, Brussels, assignor to Union Chimique Belge, Societe Anonyme, Brussels, Belgium. Distilling and rectifying apparatus. 2,561,669, July 24.

MacSorley, Olin L., Collingswood, N. J., assignor to Radio Corporation of America. High-speed frequency divider. 2,558,447, June 26.

MacSorley, Olin L., Collingswood, N. J., assignor to Radio Corporation of America. Frequency control system. 2,558,448, June 26.

MacSorley, Olin L., Colingswood, N. J., assignor to Radio Corporation of America. Variable frequency counter. 2,560,968, July 17.

MacSorley, Olin L., Collingswood, N. J., assignor to Radio Corporation of America. Automatic volume control circuit. 2,563,052, Aug. 7.

MacVeigh, James, New York, N. Y., assignor to Patentes Talgo, S. A., Madrid, Spain. Articulated railway vehicle. 2,559,540, July 3.

Macy, James C., Elizabeth, N. J., assignor to Aircraft-Marine Products Inc., Harrisburg, Pa. Electrical connector. 2,557,126, June 19.

Macy, James C., New Cumberland, assignor to Aircraft-Marine Products Inc., Harrisburg, Pa. Connector. 2,543,415. Feb. 27.

Macy, James C., New Cumberland, assignor to Aircraft-Marine Products Inc., Harrisburg, Pa. Electrical connector. 2,545,429, Mar. 13.

Macy, James C., Westfield, N. J., assignor to Aircraft-Marine Products, Inc., Harrisburg, Pa. Crimping die. 2,567,155, Sept. 4.

Madan, Edward K., Maplewood, N. J. Pointer for strip dials. 2,555,751, June 5.

Madden, Charles L.: *See*—
Eckenbeck, Dana C., Slaughter, and Madden.

Madden, Charles L., Minneapolis, Minn. Cushioning and shock absorbing device. 2,562,501, July 31.

Madden, Glenn B., San Francisco, Calif. Axially shifting type jack operated tire removing device. 2,548,033, Apr. 10.

Madden, Joseph, Gary, Ind., assignor to United States Steel Company. Fire check. 2,567,720, Sept. 11.

Madden, Joseph F.: *See*—
Tyler, John M., Thornburg, and Madden.

Madden, Joseph P., Parma, assignor to The Cleveland Electric Motor Company, Cleveland, Ohio. Slip ring assembly. 2,551,030, May 1.

Madden, Wilson H., assignee: *See*—
Nemnich, Gustav.

Maddex, Phillip J., assignor, by mesne assignments, to Battelle Development Corporation, Columbus, Ohio. Production of refractory metals. 2,556,763, June 12.

Maddex, Phillip J., assignor, by mesne assignments, to Battelle Development Corporation, Columbus, Ohio. Production of refractory metals. 2,564,337, Aug. 14.

Maddic, John S., Bristol, Conn. Fishing rod winding mechanism. 2,564,016, Aug. 14.

Maddock, Robert A., Trentham, England. Pottery machine. 2,547,588, Apr. 3.

Maddock, Robert A., Trentham, England. Pottery drying stove. 2,556,096, June 5.

Maddox, George E., assignee: *See*—
Wainwright, Samie W.

Maddox, Milton T., Fort Worth, Tex. Ice heading machine. 2,557,357, June 19.

Madeira, Percy C., Jr., Executor *See*—
Stokes, John S.

Mader, Charles K., Cresskill, assignor to The M. W. Kellogg Company, Jersey City, N. J. Manufacture of synthesis gas. 2,579,843, Dec. 25.

Mader, Gerstle I.: *See*—
Mader, Perry W. and G. I.

Mader, Harry J., Jerome, Ariz. Plug insert bit for core drills. 2,543,861, Mar. 6.

Mader, Perry W. and G. I., Robertsdale, Ala., assignors to Food Research Institute, Inc. Preparing shark meat for canning. 2,564,487, Aug. 14.

Mader, Stewart S., assignor to Norton Company, Worcester, Mass. Tool grinding machine. 2,544,604, Mar. 6.

Madill, Arthur R., assignor, by mesne assignments, to D. E. Mead, doing busness as Mulsifier Implement Company, Detroit, Mich. Supporting and driving structure for rotary tilling tines and the like. 2,575,223, Nov. 13.

Madison, Ralph E., Detroit, Mich., assignor to Devoe & Raynolds Company, Inc., New York, N. Y. Paint composition and preparing same. 2,573,038, Oct. 30.

Madison, Ralph E., and F. A. Fairbrother, Jr., Detroit, Mich., assignors to Devoe & Raynolds Company, Inc., New York, N. Y. Composition for waterproofing masonry. 2,570,827, Oct. 9.

Madland, Gabriel, Chicago, Ill., assignor to The Youngstown Steel Door Company, Cleveland, Ohio. Railway house car construction. 2,563,178, Aug. 7.

Madland, Thorvald, Chicago, Ill., assignor to The Youngstown Steel Door Company, Cleveland, Ohio. Crank means for laterally movable doors. 2,559,447, July 3.
Madlena, John, Mount Morris, Ill. Bedrail-supported tray. 2,558,366, June 26.
Madonna, Anthony, Detroit, Mich. Folding door. 2,536,197, Jan. 2.
Madrass-Fabriken Dux Aktiebolag, assignee: *See*—
Löfgren, Sigfrid.
Madsen, Abner L., Chicago, Ill. Cover for garment hangers. 2,566,232, Aug. 28.
Madsen, Aksel A., Ejby, Denmark. Folding chair. 2,572,739, Oct. 23.
Madsen, Borge, Copenhagen, Denmark, assignor, by mesne assignments, to Flexico (U. S. A.) S. A., Tangier, North Africa. Separable fastener. 2,558,367, June 26.
Madsen, Carl J., Hingham, assignor to Tropical Radio Telegraph Company, Boston, Mass. Frequency modulator. 2,561,989, July 24.
Madsen, Jens A. W.: *See*—
Albertson, Frans O., and Madsen.
Madsen, Lydia V., Payette, Idaho. Dress shield. 2,573,346, Oct. 30.
Madsen, Paul S., Bethany, and G. W. Goodson, West Haven, assignors to The Seamless Rubber Company, New Haven, Conn. Closure means for therapeutic appliances. 2,544,929, Mar. 13.
Madsen, Thomas F., assignor to Planada Dehydrator Co., Planada, Calif. Fruit harvester. 2,573,210, Oct. 30.
Madsen, Walter M., Alhambra, Calif. Material mixing apparatus. 2,547,403, Apr. 3.
Maenpaa, Wilho K., assignor to General Railway Signal Company, Rochester, N. Y. Alternating current vane relay. 2,559,448, July 3.
Maerlender, Henry G., Cleveland, Ohio. Lock nut. 2,556,764 June 12.
Maeser, Mieth, Beverly, and R. W. Daniels, Jr., Salem, Mass., assignors to United Shoe Machinery Corporation, Flemington, N. J. Leather compacting machines using work surface conforming anvils. 2,538,159, Jan. 16.
Maeser, Mieth, Beverly, and R. E. Hobbs, Jr., Salem, Mass., assignors to United Shoe Machinery Corporation, Flemington, N. J. Double activation with conditioning for sole attaching. 2,549,981, Apr. 24.
Maffei, Carmine C. J.: *See*—
Maffei, John and C. C. J.
Maffei, John and C. C. J., Brooklyn, N. Y. Window screen. 2,543,118, Feb. 27.
Maffitt, Howard C., assignor to Iowa Limestone Company, Des Moines, Iowa. Preventing loss of iodine from iodine in the elementary state and all of its compounds. 2,550,015, Apr. 24.
Magee Carpet Company, The, assignee: *See*—
Groat Francis P.
Magee, Kenneth L.: *See*—
Irvine, Houston N., and Magee.
Mager, Eric L., Peabody, assignor to Sylvania Electric Products Inc., Salem, Mass. Electroluminescent lamp. 2,566,349. Sept. 4.
Magerlein, Barney J.: *See*—
Weisblat, David I., and Magerlein.
Weisblat, David I., Magerlein, and Hanze.
Weisblat, David I., Magerlein, Hanze, and Rolfson.
Weisblat, David I., Magerlein, and Myers.
Magers, Clifford R.: *See*—
Eiden, Leslie J., and Magers.
Maggio, John B., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Automatic frequency control system. 2,541,259, Feb. 13.
Maggio, John B., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Clamp circuit. 2,564,017, Aug. 14.
Maggiolo, Allison D.: *See*—
Elderfield, Robert C., and Maggiolo.
Magic Mirror Beauty Salons, Inc., assignee: *See*—
Scott, Arthur D.
Magiclean Co., Inc., assignee: *See*—
Hendricks, Frank R.
Magida, Herbert N., Chicago, Ill. Push and pull friction type exerciser. 2,543,729, Feb. 27.
Magida, John M.: *See*—
Rogers, Harold E., and Magida.
Magill, Donald G., Great Neck, assignor to American Can Company, New York, N. Y. Producing fiber tubing. 2,539,450, Jan. 30.
Magill, Donald G., Great Neck, and R. P. Bigger, Babylon, assignors to American Can Company, New York, N. Y. Frozen food container. 2,561,391, July 24.
Magill, Ellis M.: *See*—
Wilckens, Eibe A., and Magill.
Magill, Frank N., executor: *See*—
Phipps, Charles A.
Magill, Herbert L., Chicago, Ill. Variable pitch propeller. 2,557,127, June 19.
Magill, Herbert L., Chicago, Ill. Pulsating discharge power gas generator with pressure-actuated inlet and outlet valves. 2,557,128, June 19.
Magin, August: *See*—
Reppe, Walter, and Magin.
Magis, Auguste A. G., Paris, France. Apparatus for cooling products in containers. 2,564,165, Aug. 14.
Magley, John S., Miami, Fla. Fruit cooker. 2,565,614, Aug. 28.
Magnaflux Corporation, assignee: *See*—
Bogart, Henry G.
Magnani, Alessandro, Broni, Italy. Method and apparatus for production of fibrous cement articles. 2,538,972, Jan. 23.
Magnani, Arthur: *See*—
Julian, Percy L., Meyer, Cole, and Magnani.
Magnavox Company, The, assignee: *See*—
Dreisbach, Robert H.
Hoekstra, Cyrus E., and Radcliffe.
Koonz, John C.
Koonz, John C., and Piper.
Martin, Norman F.
Mills, Donald H., and Martin.
Nelson, Frank H., and Dreisbach.
Magnenat, René P., assignor to Waterbury Companies, Incorporated, Waterbury, Conn. Hinged cover plastic box. 2,571,909, Oct. 16.
Magnenat, René P., assignor to Waterbury Companies, Incorporated, Waterbury, Conn. Plastic snap hinge. 2,580,310, Dec. 25.
Magnesen, Charles D., Chicago, Ill. Container and closure construction. 2,556,765, June 12.
Magnesi, Louis, Walnut Creek, Calif. Ant trap. 2,544,234, Mar. 6.
Magnesium Elektron Limited, assignee: *See*—
Jessup, Alfred C., Emley, and Fisher.
Magness, Albert H., Bel Air, Md. Stanchion. 2,536,069, Jan. 2.
Magness, William M., Seminole, Okla. Spudding wheel. 2,557,881, June 19.
Magnetic Analysis Corporation, assignee: *See*—
Zuschlag, Theodore.
Magnetic Devices, Inc., assignee: *See*—
Price, Osborne I.
Magnetic Equipment, Inc., assignee: *See*—
Hare, Donald G. C.
Magnetic Metals Company, assignee: *See*—
Cross, Carl J., and Lynch.
Magnetic Power, Inc., assignee: *See*—
Morrison, Willard L., Jr.
Magnetic Springs Water Company, assignee: *See*—
Routt, Orville L.
Magnetrol, Inc., assignee: *See*—
Binford, Benjamin L.
Magnetti, Frank, Los Angeles, Calif. Ladder bracket. 2,554,675, May 29.
Magnus Research, Inc., assignee: *See*—
Ens, Emil J.
Magnuson, Elton E., assignee: *See*—
Winebrenner, Laura M.
Magnuson, Roy M.: *See*—
Kirk, Cassius L.
Magnuson, Roy M., Campbell, Calif. Cylinder construction. 2,563,949, Aug. 14.
Magnuson, Roy M., Campbell, assignor to Basic Vegetable Products Co., Vacaville, Calif. Onion halving device. 2,577,086. Dec. 4.
Magnuson, Roy M., Campbell, assignor of one-third to G. H. Ballantyne, San Jose, Calif., and one-third to C. L. Kirk, Bozeman, Mont. Quick freeze apparatus and method. 2,561,477, July 24.
Magnusson, Bengt A.: *See*—
Rothenborg, Aage, Ericksson, and Magnusson.
Magnusson, Bror K. M., Stamford, assignor to Machlett Laboratories Incorporated, Springdale, Conn. High-voltage electronic rectifier tube of the incandescent filament type. 2,568,552, Sept. 18.
Magnusson, Joseph, Wollaston, assignor to Pneumatic Scale Corporation, Limited, Quincy, Mass. Labeling machine. 2,545,292, Mar. 13.
Magnusson, Joseph, Wollaston, assignor to Pneumatic Scale Corporation, Limited, Quincy, Mass. Container handling and registering apparatus. 2,577,341, Dec. 4.
Magnusson, Knut J.: *See*—
Carson, Benjamin R., and Magnusson.
Magoffin, James E.: *See*—
Von Bramer, Harold, Magoffin, and Clemens.
Magor Car Corporation, assignee: *See*—
Lunde, Einar O.
Magram, Sidney J.: *See*—
Finkelstein, Leo, and Magram.
Maguire, Harold A., Bedford, Ohio. Tank plug. 2,577,586. Dec. 4.
Maguth, Michael J., Carlstadt, N. J. Artificial arm. 2,557,792. June 19.
Mahan, Challies B., and H. B. McDill, Kansas City, Mo. Container with mechanism for agitating contents thereof. 2,573,470, Oct. 30.
Mahan, John E.: *See*—
Schulze, Walter A., and Mahan.
Mahan, John E., Bartlesville, Okla., assignor to Phillips Petroleum Company. Alkylation of toluene by propylene catalyzed by acid activated montmorillonite clay. 2,564,488, Aug. 14.
Mahan, John E., and S. C. Fauske, Bartlesville, Okla., assignors to Phillips Petroleum Company. Hydrogenating sulfolenes to sulfolanes. 2,578,565, Dec. 11.
Maher, Charles E., Chicago, Ill. Coloring textile materials. 2,546,861. Mar. 27.
Maher, Harold T., Ferguson, Mo. Body support for beds. 2,563,124, Aug. 7.
Maher, Joseph L.: *See*—
Glasgow, Clarence O., and Maher.

Maher, William A., Detroit, Mich. Combination drip molding and mounting bracket for automobile visors. 2,573,039, Oct. 30.
Maher, William W., San Francisco, Calif., assignor to American Can Company, New York, N. Y. Container. 2,551,615, May 8.
Maher, William W., San Francisco, Calif., assignor to American Can Company, New York, N. Y. Apparatus for feeding can bodies to isolated wiping stations. 2,551,616, May 8.
Maher, William W., San Francisco, Calif., and K. Bofinger, Cincinnati, Ohio, assignors to American Can Company, New York, N. Y. Counting device for can testing machines. 2,543,790, Mar. 6.
Maher, William W., and H. B. Peterson, San Francisco, Calif., assignors to American Can Company, New York, N. Y. Blank separating and feeding device. 2,567,223, Sept. 11.
Maheux, Joseph C. H., Quebec, Quebec, Canada. Shaft measuring tool. 2,578,011, Dec. 11.
Mahle, Andrew, Oakland, Calif. Heated aquarium. 2,566,990, Sept. 4.
Mahle, Louis W., Abington, assignor to Frank H. Fleer Corporation, Philadelphia, Pa. Confectionery extruding apparatus. 2,542,691, Feb. 20.
Mahler, Benjamin B., Newark, N. J. Photographic easel. 2,572,168, Oct. 23.
Mahler, Fred H., assignee: *See*—
Gibson, Frederic H.
Mahler, Joseph: *See*—
Land, Edwin H., Mahler, and Hyman.
Mahler, Joseph, Brookline, assignor to American Optical Company, Southbridge, Mass. Apparatus for viewing stereoscopic pictures. 2,574,186, Nov. 6.
Mahler, Joseph, Brookline, assignor to American Optical Company, Southbridge, Mass. Light polarizer and making the same. 2,577,620, Dec. 4.
Mahlman, Osborne L.: *See*—
Robie, Norman P., and Mahlman.
Mahlon, Thomas E., Allentown, and D. M. Bauer, Bethlehem, Pa. Fluid motor. 2,565,250, Aug. 21.
Mahnken, Walter W., Union City, N. J., and R. Zecca, Brooklyn, N. Y., assignors to Wright Aeronautical Corporation. Liner for hot gas chambers. 2,544,538, Mar. 6.
Mahoney, Donald G.: *See*—
Kendall, Thomas L., Mahoney, and Crooks.
Nichols, Charles A., Poole, Mahoney, and McShurley.
Mahoney, John E., assignee: *See*—
McClelland, Kenneth.
Mahoney, John J., New York, N. Y., assignor to Colgate-Palmolive-Peet Company, Jersey City, N. J. Apparatus for treating granular material. 2,563,475, Aug. 7.
Mahoney, Thomas P., assignee: *See*—
Schmidt, Howard F.
Mahorner, Howard, New Orleans, La., assignor to A. S. Aloe Company, St. Louis, Mo. Thyroidectomy retractor. 2,564,118, Aug. 14.
Mahowald, Curtis J., Parshall, N. Dak., assignor to General Electric Company. Water level control means for automatic washing machines. 2,561,213, July 17.
Mahrt, Louis R., assignee and trustee: *See*—
Noodleman, Samuel.
Maico Company, Incorporated, The, assignee: *See*—
Nelson, Franklin S.
Maiden Form Brassiere Company, Inc., assignee: *See*—
Rosenthal, William.
Maier, August R.: *See*—
Keim, Charles J., and Maier.
Keim, Charles J., Maier, and Quayle.
Maier, August R., Oil City, Pa., assignor to Oil Well Supply Company. Rotary swivel. 2,537,683, Jan. 9.
Maier, August R., Oil City, Pa., assignor to Oil Well Supply Company. Well drilling rig. 2,539,584, Jan. 30.
Maier, August R., Oil City, Pa., assignor to Oil Well Supply Company. Pumping unit. 2,539,585, Jan. 30.
Maier, August R., Oil City, Pa., assignor to Oil Well Supply Company. Lubrication system. 2,560,233, July 10.
Maier, Bernard C., Canby, Minn. Planting sight. 2,538,112, Jan. 16.
Maier, Bernard C., Canby, Minn. Planting sight. 2,548,226, Apr. 10.
Maier, Carl H., Brighton, N. Y. Nestable fuel tank. 2,545,481, Mar. 20.
Maier, Frank J., Irvington, assignor to Harry C. Schick, Inc., Newark, N. J. Clasp for necklaces and the like. 2,539,787, Jan. 30.
Maier, Franz J., Chevy Chase, Md., assignor to the United States of America as represented by the Administrator, Federal Security Agency. Regenerating the hydroxyapatite of tricalcium phosphate and trimagnesium phosphate for use as fluoride absorbent reagents. 2,553,595, May 22.
Maier-Hancock Corp., assignee: *See*—
Hancock, Benjamin W., and Maier.
Maier, Joseph B.: *See*—
Hancock, Benjamin W., and Maier.
Maier, Wellington W., Mio, Mich. Making matrices for simulated log structures. 2,572,269, Oct. 23.
Maile, Evangelino, Philadelphia, Pa. Mobile amphibious collapsible pontoon bridge. 2,562,431, July 31.
Mailland, Philippe E., Bois-Colombes, assignor of one-half to Mazolux, Asnieres, France. Saucepan holder. 2,561,806, July 24.
Maillard, Bernard, assignor to Society "Brevets Aero-Mecaniques," S. A., Geneva, Switzerland. Pivoted lock for breech bolt locking members. 2,540,684, Feb. 6.
Maillard, Bernard, assignor to Brevets Aero-Mecaniques S. A., Geneva, Switzerland. Detent mechanism for recoil operated firearms. 2,562,801, July 31.
Maillard, Bernard, Geneva, Switzerland, assignor to Brevets Aero-Mecaniques S. A. Pivoted breech bolt lock for automatic firearms. 2,577,026, Dec. 4.
Main, Andrew, Cleveland, Ohio. Latch construction. 2,542,876, Feb. 20.
Main, Ray F.: *See*—
Chester, Allan E., Main, and Hansen.
Main, Ray F., and H. F. Hansen, assignors to Acme Steel Company, Chicago, Ill. Electroplating zinc. 2,576,998, Dec. 4.
Main, Robert C., Los Angeles, Calif., assignor to Robertshaw-Fulton Controls Company. Temperature control apparatus. 2,545,206, Mar. 13.
Main, Robert C., Los Angeles, Calif., assignor to Robertshaw-Fulton Controls Company. Safety control and ignition system for fuel burners. 2,564,851, Aug. 21.
Main, Robert C., Los Angeles, Calif., assignor to Robertshaw-Fulton Controls Company. Safety control and ignition system for fuel burners. 2,572,500, Oct. 23.
Mainati, Cesare, Babylon, N. Y. Apparatus for separating closely adjacent strips of dough. 2,545,667, Mar. 20.
Maincon, Maurice, Vendin le Vieil, assignor to Les Usines de Melle (Societe Anonyme), Saint-Leger-les-Melle, France. Production of lower aliphatic esters. 2,575,722, Nov. 20.
Mainguet, Henri, Paris, France. Nitric acid digestion of straw. 2,539,093, Jan. 23.
Main-Smith, John D., and G. A. Earwicker, Farnborough, assignors to Minister of Supply, in His Majesty's Government of the United Kingdom of Great Britain and Northern Ireland, London, England. Detection of carbon monoxide by palladous sulfite and/or palladosulfites. 2,569,895, Oct. 2.
Maintain, Russell E., assignee: *See*—
Thomason, Massis N.
Mainwaring, John L., and H. E. Campbell, Parma, assignors to The Clark Manufacturing Company, Cleveland, Ohio. Steam trap. 2,550,643, Apr. 24.
Mair, James, Birmingham, Ala., assignor to Goslin-Birmingham Manufacturing Company, Inc. Dump bottom for calandria vacuum pans. 2,538,113, Jan. 16.
Mair, James, Birmingham, Ala., assignor to Goslin-Birmingham Manufacturing Company, Inc. Separating wax from liquids. 2,578,192, Dec. 11.
Mair, Jesse K.: *See*—
Gillespie, Robert N., Mair, and McNally.
Maisch, Oliver, Chicago, Ill. Shell lifting and sealing plug. 2,538,693, Jan. 16.
Maisey, John J., Palm City, Calif. Self-ejecting electric plug. 2,571,046, Oct. 9.
Maitland, John G., Rutherglen, Scotland. Locking closures to containers. 2,551,499, May 1.
Maizel, Ben L., and I. Gerson, assignors to Vico Products Company, Chicago, Ill. Riboflavin-lactic acid condensation products. 2,578,710, Dec. 18.
Majestic Company, The, assignee: *See*—
Triggs, Kenneth F.
Majestic Manufacturing Company, assignee: *See*—
Gardiner, Robert E.
Jones, Edwin A., and Gardiner.
Majik-Ironers, Inc., assignee: *See*—
Foster, Edwin E.
Majkrzak, Charles P.: *See*—
De Santis, Vincent J., Hunter, and Majkrzak.
Majneri, Ludwig A., Grosse Pointe, assignor to The Warner Aircraft Corporation, Detroit, Mich. Hydraulic braking system with power parking valve. 2,546,367, Mar. 27.
Majneri, Ludwig A., Grosse Pointe, assignor to The Warner Aircraft Corporation, Detroit, Mich. Control mechanism for fluid pressure operated systems. 2,572,270, Oct. 23.
Major, Joseph: *See*—
Sachse, Arthur C., and Major.
Major, Paul, assignee: *See*—
Moliskey, Anthony.
Major, Stephen C., Woodstock, N. Y. Electrical kitchen appliance. 2,548,034, Apr. 10.
Majors, Robert R., Muskogee, Okla. Tone arm head. 2,538,694, Jan. 16.
Majtner, Oldřich, Zlin, assignor to Svit, narodni podnik, Gottwaldov, Czechoslovakia. Method and apparatus for the production of an ornamental shoe sole welt, border, or the like, on shoe soles of rubber or the like. 2,546,553, Mar. 27.
Makepeace, Ronald A., assignor, by mesne assignments, to Northern Electric Company, Limited, Montreal, Quebec, Canada. High and low frequency control for amplifier circuits. 2,559,888, July 10.
Makhonine, Jean, Paris, France. Variable surface wings and tail fins in flying machines. 2,550,278, Apr. 24.
Maki, Hajime: *See*—
Yabuno, Gaiseki, Maki, Ajima, Kuwayama, and Ando.
Makie, Richard T., Trumansburg, N. Y. Pulley block for stringing cables. 2,566,233, Aug. 28.
Makin, Harry A., Sr., assignee: *See*—
Mills, George C.

Makin, Melfred E., Ontario, Oreg. Wheeled axle suspension. 2,549,320, Apr. 17.
Makishima, Kenji, Honolulu, T. H. Trophy holder for engraving machines. 2,565,821, Aug. 28.
Makmoroom Limited, assignee: *See*—
Harris, George H., and Riley.
Maky, Walter, assignor to The Parker Appliance Company, Cleveland, Ohio. Valve assembly. 2,558,260, June 26.
Malachowski, Bronislaus T., Detroit, Mich. Transmission. 2,570,467, Oct. 9.
Malavazos, Arthur J., Oakland, Calif. Jar lifter. 2,561,807, July 24.
Malcher, Otto, Chicago, Ill. Computing scale. 2,538,256, Jan. 16.
Malcher, Otto, Chicago, Ill. Forward rowing mechanism. 2,569,245, Sept. 25.
Malchus, Johannes A. C., Amsterdam, Netherlands; D. G. Veth and H. Funnekotter, curators in bankruptcy, assignors to R. Torin, London, England. Vacuum cleaner with selective nozzles and brushes. 2,558,864, July 3.
Malcom, Robert, Jr., Chicago, Ill., assignor to Chicago Eye Shield Company. Safety goggles. 2,563,125, Aug. 7.
Malcom, Robert L., Chicago, Ill., assignor to Chicago Eye Shield Company. Adjustable headband construction. 2,550,575, Apr. 24.
Malcom, Robert L., Jr., assignor to Chicago Eye Shield Company, Chicago, Ill. Nonfogging goggle. 2,537,275, Jan. 9.
Male, Herman A.: *See*—
Critchley, William C., and Male.
Malek, Sidney K., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Pilot burner and flame detector assembly. 2,544,930, Mar. 13.
Malesky, Nicholas A.: *See*—
McMain, Albert T., Malesky, and Skaggs.
Malesky, Victor G., Dearborn, Mich. Flexible rifle and shotgun cleaning shaft. 2,544,847, Mar. 13.
Malheiros, Luiz G., Syracuse, N. Y., assignor to General Electric Company. Electromagnetic deflection yoke structure. 2,568,456, Sept. 18.
Malherbe: *See*—
Navarre, Roger F. D.
Malherbe, Johannes A. S., Delville, Germiston, Transvaal, Union of South Africa. Rock drill bit having hard inserts forming cutting edges. 2,579,268, Dec. 18.
Malhiot, Clarence J., Oak Park, and E. Sramek, Cicero, assignors to F. B. Redington Co., Chicago, Ill. Conveying and transferring mechanism. 2,558,368, June 26.
Malicheff, Pierre: *See*—
Brichard, Edgard, Delacuvellerie, and Malicheff.
Malin, Chester G., Glendale, Calif. Child's cart. 2,544,099, Mar. 6.
Malin, Jay B., Whittier, Calif., assignor to The Texas Company, New York, N. Y. Engine generation of synthesis gas. 2,543,791, Mar. 6.
Malin, Ralph D., East Lansing, Mich., assignor to Food Machinery and Chemical Corporation. Spray mast mounting. 2,564,489, Aug. 14.
Malin, Ralph D., East Lansing, Mich., assignor to Food Machinery and Chemical Corporation, San Jose, Calif. Oscillating header tube orchard sprayer. 2,577,537, Dec. 4.
Malina, Frank J., and J. W. Parsons, Pasadena, assignors to Aerojet Engineering Corporation, Azusa, Calif. Reaction motor operable by liquid propellants and operating it. 2,573,471, Oct. 30.
Maling, Margaret A., assignee: *See*—
Maling, Roy.
Maling, Roy, assignor to M. A. Maling, Chestnut Hill, Mass. Platform type shoe. 2,538,373, Jan. 16.
Maling, Roy, assignor to M. A. Maling, Chestnut Hill, Mass. Platform type shoe. 2,543,183, Feb. 27.
Malinowski, Theodore P.: *See*—
Hunt, Richard H., Jr., and Malinowski.
Malinowski, Theodore P., Springfield, Mass., assignor to Monsanto Chemical Company, St. Louis, Mo. Unsaturated oil-soluble copolymers. 2,561,313, July 17.
Malir, Joseph J., Jr., Denver, Colo. Gas generator. 2,539,148, Jan. 23.
Malis, Morris M., Atlantic City, N. J. Machine for crocheting cord. 2,574,701, Nov. 13.
Malkemus, John D., Allendale, and J. Ross, Ramsey, assignors to Colgate-Palmolive-Peet Company, Jersey City, N. J. Di-n-alkoxy substituted piperazine derivatives and preparing same. 2,541,260, Feb. 13.
Malkemus, John D., Allendale, and J. Ross, Ramsey, assignors to Colgate-Palmolive-Peet Company, Jersey City, N. J. High molecular derivatives of piperazine. 2,574,407, Nov. 6.
Mall, Arthur W., Flossmoor, and W. L. Gorden, assignors to Mall Tool Company, Chicago, Ill. Adjustable bumper attachment for chain saws. 2,567,886, Sept. 11.
Mall Tool Company, assignee: *See*—
Mall, Arthur W., and Gorden.
Mallard, Robert G.: *See*—
Ashton, Everett H., and Mallard.
Rinne, John, Ashton, Mallard, and Lake.
Mallary, Robert W., Los Angeles, Calif. Sign. 2,560,117, July 10.
Malleable Iron Fittings Company, assignee: *See*—
Jenne, Kenneth C.
Mallet, Noel P.: *See*—
Green, David F., Mallet, and Briscoe.
Mallina, Rudolph F.: *See*—
Hickman, Clarence N., Graumann, and Mallina.
Mallina, Rudolph F., Hastings on Hudson, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Magnetic recorder and reproducer. 2,546,829, Mar. 27.
Mallina, Rudolph F., Hastings on Hudson, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Magnetic recorder. 2,554,582, May 29.
Mallina, Rudolph F., Hastings on Hudson, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Recording system. 2,554,835, May 29.
Mallina, Rudolph F., Hastings on Hudson, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Mechanical gang perforator. 2,576,844, Nov. 27.
Mallinckrodt Chemical Works, assignee: *See*—
Ballantyne, James C.
Stoughton, Roger W.
Wallingford, Vernon H., and Jones.
Mallinckrodt, George E., St. Louis, Mo. Machine tool. 2,573,800, Nov. 6.
Mallory & Co., Inc., P. R., assignee: *See*—
Booe, James M.
Mallory, Edwin E., Cuyahoga Falls, assignor to National Rubber Machinery Company, Akron, Ohio. Tire ply turndown device. 2,544,390, Mar. 6.
Mallory, Ernest E., assignor to P. R. Mallory & Co., Inc., Indianapolis, Ind. Gasoline pump switch. 2,555,801, June 5.
Mallory, Louis V., assignor of one-quarter to C. E. Granum, Rock Island, Ill., and one-quarter to I. D. Lemley, Davenport, Iowa. Hoisting and stretching apparatus. 2,564,541, Aug. 14.
Mallory, Marion, assignor to The Mallory Research Company, Detroit, Mich. Internal-combustion engine. 2,541,594, Feb. 13.
Mallory, Marion, assignor to The Mallory Research Company, Detroit, Mich. Internal-combustion engine speed control. 2,544,463, Mar. 6.
Mallory, Marion, Detroit, Mich. Internal-combustion engine. 2,544,605, Mar. 6.
Mallory, Marion, Detroit, Mich. Engine and auxiliary fluid power system for vehicles. 2,544,606, Mar. 6.
Mallory, Marion, Detroit, Mich. Charge control valve mechanism for internal-combustion engines. 2,544,607, Mar. 6.
Mallory, Marion, Detroit, Mich. Ignition system for internal-combustion engines. 2,544,608, Mar. 6.
Mallory, Marion, Detroit, Mich. Opposed piston engine. 2,545,098, Mar. 13.
Mallory, Marion, Detroit, Mich. Carburetor. 2,572,169, Oct. 23.
Mallory, P. R., & Co., Inc., assignee: *See*—
Booe, James M.
Carlson, Chester F.
Doty, Arnold S., and Lynch.
Hensel, Franz R.
Huetten, Clarence.
Krebs, Heinrich L., and Busch.
Long, John R., and Puerner.
Long, John R., and Stroh.
Lynch, William E., and Strain.
Mallory, Ernest E.
Peck, Gordon V.
Rainwater, Charles E.
Wall, Alexander C., and Oles.
Whitesell, Robert O.
Mallory Research Company, The, assignee: *See*—
Mallory, Marion.
Mallory, Robert E., Oklahoma City, Okla. Service signal for restaurants and the like. 2,579,686, Dec. 25.
Mallory, W. E., & Company, assignee: *See*—
Park, Samuel R.
Malm, Carl J., and C. L. Crane, assignors to Eastman Kodak Company, Rochester, N. Y. Preparing sulfuric acid esters of cellulose. 2,539,451, Jan. 30.
Malm, L. Louis, Rocky River, assignor to Industrial Rayon Corporation, Cleveland, Ohio. Dissolving cellulose xanthate. 2,573,978, Nov. 6.
Malm, Royal D., assignor to Clayton Mark & Company, Evanston, Ill. Rigid joint between tubular structures. 2,575,965, Nov. 20.
Malm, William A. R., New Orleans, La. Kineto-optical scanner for television. 2,543,463, Feb. 27.
Malmberg, Bror V.: *See*—
Guill, Nat A. L., and Malmberg.
Malmqvist, Johan D., Boliden, and I. G. R. Thomaeus, Kristineberg, assignors to Bolidens Gruvaktiebolag, Stockholm, Sweden. Inductive angle indicator. 2,564,018, Aug. 14.
Malmros, Gustav V. A.: *See*—
Daly, George F., Malmros, and Haney.
Malmsten, Philip C., assignor to A. O. Smith Corporation, Milwaukee, Wis. Underfeed retort, including ring constructed tuyère means. 2,565,318, Aug. 21.
Malmstrom, Homer E., Appleton, assignor to Paper Patents Company, Neenah, Wis. Plywood panel. 2,565,251, Aug. 21.
Malmstrom, Walter K., and E. J. Sherlock, Chicago, Ill. Filter element producing machine and filter production. 2,540,272, Feb. 6.
Malo, William G., Marshall, Minn. Bottle drink mixing machine. 2,552,440, May 8.

Maloff, Ioury G., Camden, N. J., assignor to Radio Corporation of America. Schmidt television projection system. 2,545,524, Mar. 20.
Maloff, Ioury G., Camden, N. J., assignor to Radio Corporation of America. Housing and mounting for elements of Schmidt television projectors. 2,545,525, Mar. 20.
Malone, Homer F., assignor to Stewart-Warner Corporation, Chicago, Ill. Windshield wiper. 2,568,922, Sept. 25.
Malone, James C., Sr., Tuscaloosa, Ala. Turkey caller. 2,573,856, Nov. 6.
Malone, James L., Swarthmore, and M. McKinnell, Chester, Pa., assignors, by mesne assignments, to the United States of America as represented by the Secretary of the Navy. Fuel feeding apparatus for gas-driven turbines. 2,560,118, July 10.
Malone, Marie I., assignee: *See*—
Benedict, Lloyd D.
Malone, Rogers W., Jr., assignor to Monsanto Chemical Company, St. Louis, Mo. Fungi and bacteria resistant polyvinyl chloride compositions. 2,567,910, Sept. 11.
Maloney-Crawford Tank and Manufacturing Company, assignee: *See*—
Wilson, Samuel A.
Maloney, Raymond T., assignee: *See*—
Hoffmann, Elmer L.
Nelson, Nels A.
Maloon, Earl B., Arcadia, Calif. Cable operated hauling scoop. 2,556,284, June 12.
Malott, Clifton S., Jr., assignor to The American Laundry Machinery Company, Cincinnati, Ohio. Machine for folding limp, flat articles. 2,579,746, Dec. 25.
Malouf, Abraham M., Burbank, Calif. Lock. 2,542,420, Feb. 20.
Malowan, John E., Dayton, Ohio, assignor to Monsanto Chemical Company, St. Louis, Mo. Phosphorus- and nitrogen-containing compounds. 2,544,706, Mar. 13.
Malowan, John E., Dayton, Ohio, assignor to Monsanto Chemical Company, St. Louis, Mo. Corrosion inhibitor for concentrated phosphoric acid. 2,567,156, Sept. 4.
Malsbary, James S., Glendale, assignor to Wagner Electric Corporation, St. Louis, Mo. Circuit regulating apparatus. 2,563,179, Aug. 7.
Malsbary, James S., Glendale, assignor to Wagner Electric Corporation, St. Louis, Mo. Aligning device. 2,572,942, Oct. 30.
Malsbary Manufacturing Company, assignee: *See*—
Pritchard, Clarence L.
Taylor, Walter W.
Maltbie, Henry H.: *See*—
Clark, Theodore W., and Maltbie.
Maltby, Joseph M., trustee, assignee: *See*—
Wysong, Ansel S.
Maltby, William C., assignee: *See*—
Haut, Walter E.
Malter, Harry, assignee: *See*—
Greenberg, Frank.
Malter, Louis: *See*—
Boyd, Malcolm R., and Malter.
Malter, Louis, Washington, D. C., and J. L. Moll, Columbus, Ohio, assignors to Radio Corporation of America. Ultrahigh-frequency coupling device. 2,576,186, Nov. 27.
Malthaner, William A., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Private branch exchange telephone system. 2,572,740, Oct. 23.
Maltine Company, The, assignee: *See*—
Steinberg, Eliot.
Mamer, John W., Berkeley, Calif. Folding easel. 2,550,279, Apr. 24.
Mammen, Howard E.: *See*—
Bloch, Herman S., and Mammen.
Mamor, Armand, Antwerp, Belgium, assignor to International Standard Electric Corporation, New York, N. Y. Pulse-transmitting device. 2,547,034, Apr. 3.
Manacher, Alfred T., New York, N. Y. Combination heater and drier. 2,549,106, Apr. 17.
Manahan, George, Maplewood, assignor to The Thomas & Betts Co., Elizabeth, N. J. Notice impelling device. 2,543,862, Mar. 6.
Manasek, Emil J., Riverside, Ill. Pipe and conduit supporting clamp. 2,562,562, July 31.
Manchester, Henry H., San Diego, Calif. Spark plug cleaner. 2,552,801, May 15.
Manci, Rudolph, assignee: *See*—
Fontecchio, Anthony.
Mancini, Carlo V., deceased, Stratford, Conn.; T. C. Mancini, administrator. Double hung sash. 2,577,342, Dec. 4.
Mancini, Joseph A., assignee: *See*—
Fore, Edward M.
Mancini, Thomas C., administrator: *See*—
Mancini, Carlo V.
Manco Mfg. Co., assignee: *See*—
Northcutt, Walter E.
Mandel, Harold: *See*—
Nidetch, Nathan, and Mandel.
Mandelburg, Benedict W., Scarsdale, N. Y. Vertical flue boiler. 2,575,723, Nov. 20.
Manderfeld, Emanuel C., Los Angeles, assignor to Mitchell Camera Corporation, Glendale, Calif. Fire shutter and dowser for motion-picture projectors. 2,545,738, Mar. 20.
Manders, Donald C. Toronto, Ontario, Canada. Liquid dispenser. 2,544,539, Mar. 6.
Mandl, Rudi W.: *See*—
Horsky, Milo, and Mandl.
Mandl, Siegmund: *See*—
Pfauser, Edward M., and Mandl.
Mandolf, Henry I., and J. B. Morrow, San Diego, Calif. Fishing reel. 2,553,200, May 15.
Mandolf, Henry I., and S. W. Baker, San Diego, Calif. Variable tension drag for fishing reels. 2,578,978, Dec. 18.
Mandouchitch, Jan, Geneva, Switzerland. Spinning and twisting spindle. 2,555,652, June 5.
Mandryl, Joseph J., Brooklyn, assignor to Brickmaster, Inc., New York, N. Y. Brickmaking machine. 2,545,366, Mar. 13.
Mandt, Vernon G., assignee: *See*—
Healy, George A.
Manero, Enrique: *See*—
McCrae, James, and Manero.
Maners, David F., San Francisco, Calif., assignor to Beautymaster, Inc. Oscillating apparatus. 2,550,016, Apr. 24.
Manes, Oscar B., Houston, Tex., assignor to Shell Development Company, San Francisco, Calif. Floating drilling rig. 2,552,899, May 15.
Maney, George A., deceased, Skokie, Ill.; M. D. Maney, executrix. Concrete railway tie. 2,551,500, May 1.
Maney, Mabelle D., executrix: *See*—
Maney, George A.
Maney, Paul V.: *See*—
Jones, James W., and Maney.
Mangels, Erwin G., Davenport, Iowa. Load bracing apparatus. 2,540,207, Feb. 6.
Mangels, Erwin G., Davenport, Iowa. Lubricating system. 2,560,461, July 10.
Mangels, Erwin G., Davenport, Iowa. Car side construction and load bracing apparatus. 2,576,798, Nov. 27.
Mangels, Walter J.: *See*—
Peter, William F., and Mangels.
Mangelsdorf, Frank H., Burlingame, Calif. Apparatus for decorticating and decelling beet seeds with recirculation of oversize seeds. 2,545,367, Mar. 13.
Mangieri, Ray A., New Kensington, Pa. Combination poultry feed trough. 2,566,899, Sept. 4.
Mangold, Emil, Zurich, Switzerland. Boot with ankle-hugging sleeve. 2,539,026, Jan. 23.
Mangold, Jacob A., Lebanon, Oreg. Bag tying device. 2,559,449, July 3.
Mangold, Michael, Frankenau, near Aspang, Austria, and F. Neuber, deceased, late of Vienna, Austria, by H. Neuber, administratrix, Vienna, Austria. Manufacture of tanning substances. 2,559,305, July 3.
Mangold, Rudolf: *See*—
Miller, Cecil, and Mangold.
Mangold, Thomas M., Cincinnati, Ohio. Manicurist tray. 2,540,899, Feb. 6.
Manhartsberger, Albert, assignor to Specialties Development Corporation, Bloomfield, N. J. Valve control means. 2,538,787, Jan. 23.
Manhartsberger, Albert, Bloomfield, assignor to Specialties Development Corporation, Belleville, N. J. Fire extinguishing system. 2,563,852, Aug. 14.
Manhattan Terrazzo Brass Strip Co., Inc., assignee: *See*—
Fink, Harry L.
Maniglia, Giuseppe, New York, N. Y. Adjustable hat crease retainer. 2,576,690, Nov. 27.
Maniola, James J., assignee and administrator: *See*—
Maniola, Robert J.
Maniola, Robert J., deceased, by J. J. Maniola, administrator, assignor to J. J. Maniola, Chicago, Ill. Removable denture. 2,558,186, June 26.
Manion, Kenneth J., Houston, Tex. Vibration absorber. 2,570,577, Oct. 9.
Manitoba Bridge and Iron Works Limited, The, assignee: *See*—
Slasor, Nicholas R., and Cuddy.
Manitowoc Shipbuilding Company, assignee: *See*—
Winborn, Byron R., Jr.
Manjoine, Michael J., Pittsburgh, and E. A. Davis, Forest Hills, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Testing machine for determining the mechanical behavior of metals under test. 2,545,482, Mar. 20.
Mank, John J.: *See*—
Zallea, James P., and Mank.
Mank, Raymond A., Pittsburgh, Pa. Tire chain. 2,551,958, May 8.
Mank, Raymond A., Pittsburgh, Pa. Composite tire chain fastener. 2,575,966, Nov. 20.
Manke, Arthur G., Syracuse, N. Y., assignor to General Electric Company. Adjustable coupling system. 2,558,573, June 26.
Manke, Raymond F., assignor to Walker Manufacturing Company of Wisconsin, Racine, Wis. Safety mechanism. 2,564,267, Aug. 14.
Mankin, Arthur H.: *See*—
Sunstein, David E., and Mankin.
Mankin, Arthur H., assignor to Philco Corporation, Philadelphia, Pa. Signal delay device. 2,540,827, Feb. 6.
Mankins, Eldon E., Broken Arrow, Okla. Portable camp stove. 2,552,683, May 15.

Mankowich, Ivan, Naugatuck, Conn., assignor to United States Rubber Company, New York, N. Y. Manufacture of acetone-diphenylamine condensation products. 2,562,803, July 31.
Mankowich, Ivan, Naugatuck, and C. H. Day, Watertown, Conn., assignors to United States Rubber Company, New York, N. Y. Manufacture of ketone diarylamine condensation products. 2,562,802, July 31.
Manlet, Raymond, assignee: *See*—
Trippi, Joseph.
Manley, Charles, Shamokin, Pa. Wound dressing. 2,572,641, Oct. 23.
Manley, Charles T., deceased, late of Kansas City, Mo., by V. G. Manley, executrix, assignor to Manley, Inc., Kansas City, Mo. Corn popping apparatus and ventilator therefor. 2,536,298, Jan. 2.
Manley, Frank A.: *See*—
Byer, Clinton E., and Manley.
Manley, Fred A., East Grand Rapids, Mich. Sound dispersing device. 2,566,422, Sept. 4.
Manley, Gilbert E.: *See*—
Pratt, James H., Manley, and Girling.
Manley, Humes B., *See*—
Poole, Foster M., and Manley.
Manley, Inc., assignee: *See*—
Manley, Charles T.
Waas, Samuel M.
Manley, Owen E., Springfield, Ill. Railway crossing bar. 2,574,926, Nov. 13.
Manley, Robert T.: *See*—
Hansen, George H., Schroer, and Manley.
Manley, Violet G., executrix: *See*—
Manley, Charles T.
Mann, Adelaide S., New York, N. Y. Panty construction. 2,545,099, Mar. 13.
Mann, John, assignor to Goulds Pumps, Inc., Seneca Falls, N. Y. Coupling. 2,566,575, Sept. 4.
Mann, John H., Sr., Rayville, La. Multiwalled tip shield. 2,541,774, Feb. 13.
Mann, Matthew D., Jr., Roselle, and H. O Mottern, Bloomfield, N. J., assignors to Standard Oil Development Company. Regeneration of olefins from acid solutions. 2,563,685, Aug. 7.
Mann, Oliver: *See*—
Scholes, Addison B., and Mann.
Mann, Oliver, Danvers, assignor to Sylvania Electric Products Inc., Salem, Mass. Chuck. 2,569,616, Oct. 2.
Mann, Paul F. E.: *See*—
McCombie, John T., Mann, and Wild.
Mann, Ralph C., Van Nuys, and W. H. Ashcraft, Glendale, assignors to J. Anderson, Jr., Los Angeles, Calif. Inspection unit for battery separator plates. 2,565,868, Aug. 28.
Mann, Richard E., Fort Wayne, Ind., assignor to General Electric Company. Induction apparatus. 2,553,596, May 22.
Mann, Stiles, Dunnegan, Mo. Signal system for vehicles. 2,553,462, May 15.
Manner, Frank S., Waterbury, Conn. Combined can opener and pitcher. 2,571,464, Oct. 16.
Mannervik, Carl O. L., Oskarshamn, Sweden. Shirt holder. 2,560,298, July 10.
Mannheimer, Hans S., New York, N. Y., assignor to McCabe Paint and Varnish Co., Irvington, N. J. Coating compositions containing glyoxalidine compounds. 2,541,825, Feb. 13.
Mannheimer, Hans S., New York, N. Y., assignor to J. J. McCabe, Jr., and H. S. Mannheimer, as joint venturers. Preparation of quaternary ammonium salts of acylated aminoethylmorpholines. 2,562,384, July 31.
Manninen, Thomas H.: *See*—
Hoyt, Howard E., and Manninen.
Manning, Clarence R.: *See*—
Daly, George F., and Manning.
Manning, Joseph F., Newton, and M. Seymour, assignors to B. B. Chemical Co., Boston, Mass. Bonding metal printing plates to wooden supports. 2,544,169, Mar. 6.
Manning, Maxwell & Moore, Incorporated, assignee: *See*—
Brandstrom, Fred, and Belaef.
Chapin, William S., Jr.
Holdeman, Lloyd H.
Ingham, Robert J., Jr.
Moore, George E.
Roper, Charles G., and Wilkens.
Sugden, Clifford N., Eplett, and Miner.
Manning, Paul D. V.: *See*—
Le Baron, Ira M., and Manning.
Manning, Robert M., Pampa, Tex. Tubular drop chamber and an arrester. 2,565,180, Aug. 21.
Manning, Roland A.: *See*—
Deutsch, Simon, and Manning.
Manning, William H., Birmingham, Mich. Sprinkler with adjustable cam. 2,565,926, Aug. 28.
Manning, Willis L., Park Ridge, assignor to Burgess-Manning Company, Chicago, Ill. Apparatus for silencing and filtering noise producing gases. 2,553,326, May 15.
Mannion, John F., trustee, assignee: *See*—
Nickerson, Mortimer H.
Mannist, Milton, Prospect Park, Pa., assignor of one-third to G. Finkelstein, and one-third to R. F. Graef, Philadelphia, Pa. Heating system. 2,580,111, Dec. 25.
Manow, Max S., Columbus, Ohio. Removable fibre glass filter. 2,575,499, Nov. 20.
Manseau, David O., Berkley, Mich. Pump. 2,559,255, July 3.
Manseau, David O., Berkley, Mich. Pump. 2,570,698, Oct. 9.
Mansen, Harry: *See*—
McGill, Chester T., and Mansen.
Man-Sew Corporation, assignee: *See*—
Sigoda, Victor J.
Mansfield, Ernest B., R. J. Luebbers, and R. E. Lange, assignors to The Firestone Tire & Rubber Company, Akron, Ohio. Tire. 2,537,632, Jan. 9.
Mansfield Sanitary Pottery, Inc., assignee: *See*—
Smith, Harry F.
Mansfield, Warren M., Glendale, Calif., assignor, by mesne assignments, to Cutter Corporation. Handle type hair trimmer. 2,576,618, Nov. 27.
Mansfield, Wilfred P., and J. White, Slough, England, assignors to M. Kadenacy, deceased, Summit, N. J.; N. K. Guercken, executrix. Two-cycle internal-combustion engine with exhaust gas turbine. 2,570,036, Oct. 2.
Mansfield, William R., Belmont, and F. C. Hughes, Cambridge, Mass., assignors to W. A. Boughton, C. L. Dawes, W. R. Mansfield, F. C. Hughes, and D. M. Hill, trustees. Method of and apparatus for making high-temperature-resisting bonded mica products. 2,567,721, Sept. 11.
Mansheim, Richard J., assignor to W. A. Sheaffer Pen Company, Fort Madison, Iowa. Writing instrument. 2,557,054, June 12.
Mansing, Francis J.: *See*—
Perry, Edmond S., and Mansing.
Manske, Richard H. F., R. W. Beattie, and M. Kulka, Guelph, Ontario, Canada, assignors to United States Rubber Company, New York, N. Y. Thiophosphates. 2,575,224, Nov. 13.
Manske, Richard H. F., and M. Kulka, Guelph, Ontario, Canada, assignors to United States Rubber Company, New York, N. Y. Preparation of O-alkyl dichlorothiophosphates. 2,575,225, Nov. 13.
Manson, Harry G., and R. P. Hansen, assignors to Hansen Manufacturing Company, Princeton, Ind. Stoker control. 2,542,824, Feb. 20.
Manson, Harry G., and R. P. Hansen, assignors to Hansen Manufacturing Company, Princeton, Ind. Stoker control system. 2,567,437, Sept. 11.
Mansperger, Lewis S., Independence, Mo. Volt control for alternating current welding machines. 2,565,181, Aug. 21.
Mansperger, Richard C., North Kansas City, Mo. Trimming device. 2,559,725, July 10.
Mansson, Martin S.: *See*—
Schwartz, Leo, and Mansson.
Mansted, Svend A. J., Copenhagen, Denmark. Producing broken ice. 2,549,215, Apr. 17.
Mantagas, John, Brooklyn, N. Y. Cabinet with disappearing ironing board. 2,548,437, Apr. 10.
Mantell, Russell M.: *See*—
Passino, Herbert J., and Mantell.
Manteuffel, Allan, Union, and W. D. Gilson, Evanston, assignors to The Pure Oil Company, Chicago, Ill. Sulfurizing terpene hydrocarbons. 2,571,737, Oct. 16.
Manthie, Otto F.: *See*—
Leach, Elbert C., Manthie, and Clapp.
Manuel, Charles J.: *See*—
Hageman, Louis F., and Manuel.
Manuel, Louis W., Beaumont, Tex. Mold for building blocks. 2,537,684, Jan. 9.
Manufacture de Caoutchouc Michelin (Puiseux, Boulanger & Cie), assignee: *See*—
Bourdon, Pierre M.
Manufacture de Caoutchouc Michelin (Puiseux), Boulanger et Cie, assignee: *See*—
Bourdon, Pierre M.
Manufacture de Machines du Haut-Rhin, assignee: *See*—
Cuttat, Georges E.
Manufactures de Produits Chimiques du Nord Etablissements Kuhlmann, assignee: *See*—
Agalon, Roger, Vanhille, and Willemyns.
Manufactures des Glaces et Produits Chimiques de St. Gobain, Chauny & Cirey, assignee: *See*—
Del Buttero, Enzo.
Manwaring, Howard S., La Grange, Ill., assignor to International Harvester Company. Filter element. 2,540,273, Feb. 6.
Manzler, Clarence H., Rochester, N. Y. Charcoal stove. 2,573,211, Oct. 30.
Mapes Consolidated Manufacturing Company, assignee: *See*—
Alfreds, Torris H.
Mapes, Daniel, West Caldwell, assignor to Specialties Development Corporation, Belleville, N. J. Fire extinguishing system. 2,537,074, Jan. 9.
Mapes, Daniel, West Caldwell, assignor to Specialties Development Corporation, Bloomfield, N. J. Fire extinguishing system. 2,539,452, Jan. 30.
Mapes, Daniel, West Caldwell, assignor to Specialties Development Corporation, Belleville, N. J. Dry powder fire-extinguishing medium discharge and directing apparatus. 2,562,930, Aug. 7.

Mapes, Daniel, West Caldwell, and A. E. Schmidlin, Caldwell, assignors to Specialties Development Corporation, Belleville, N. J. Apparatus for discharging liquid by a medium stored under pressure. 2,547,954, Apr. 10.
Mapes, Elsworth E., and R. E. Cox, Mena, Ark. Hydraulic brake safety device. Re. 23,377, June 12.
Maple Island, Inc., assignee: *See*—
Coulter, Samuel T., and Becker.
Maracz, William A., Parma, Ohio, assignor to The American Steel and Wire Company of New Jersey. Die preparation. 2,574,793, Nov. 13.
Maraman, Pascal J., and H. G. Stokes, Graceville, Fla. Journal safety device for railway rolling stock. 2,557,446, June 19.
Marano, Herbert W., Brooklyn, N. Y., assignor to Wilson-Jones Company, Chicago, Ill. Staple feed mechanism for fastener applying implements. Re. 23,349, Mar. 27.
Marano, Leonard, Brooklyn, N. Y. Electrical heating and drying apparatus. 2,555,416, June 5.
Maranville, Alger G.: *See*—
Lange, John J., and Maranville.
Maranz, Leo S., assignor to Freeze King Corporation, Chicago, Ill. Freezer. 2,558,449, June 26.
Marasco, Harold E., Swapscott, Mass. Sole-conditioning machine. 2,551,804, May 8.
Marasco, Martin, New Brunswick, N. J., L. J. Conrad, Baton Rouge, La., and J. A. Moede, New Brunswick, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Purification of silver nitrate solutions. 2,543,792, Mar. 6.
Marathon Battery Company, assignee: *See*—
McEachron, Edgar D. and E. J., Schroeder and Friang.
Marathon Coal Bit Company, Inc., assignee: *See*—
Stephens, Robert J.
Marathon Corporation, assignee: *See*—
Bonini, John H.
Deutsch, Fred M., Warzinik, and Meier.
Farrell Robert A.
Holt, George W., Jr.
Kulpinski, Leo.
Salvesen, Jörgen R., and Harmon.
Marbel, Meyer M., Chicago, Ill. Directional mirror for motor vehicles. 2,561,582, July 24.
Marbel, Reuben, Chicago, Ill. Combination cigarette case and ash receptacle. 2,556,478, June 12.
Marberg, Carl M., and M. E. Shields, Kansas City, Mo., assignors to The Perfex Company. Fabric finishing composition. 2,567,722, Sept. 11.
Marbit, George, Brooklyn, N. Y. Collapsible hanger. 2,577,854, Dec. 11.
Marble, Clarence, Middlesex, and C. F. Ruckdeschel, Rochester, N. Y., assignors to Automatic Electric Laboratories, Inc., Chicago, Ill. Magnet operated sealed switchboard. 2,546,647, Mar. 27.
Marble, Jarvis C., assignee, trustee: *See*—
Lundgren, Sven G., and Ericksson.
Marburg, Edgar, Pittsburgh, Pa., assignor to United States Steel Company. Treating big-end-down ingots. 2,546,270, Mar. 27.
Marbury, Ralph E., Wilkinsburg, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Protective system for series capacitors. 2,576,132, Nov. 27
Marbury, Ralph E., Pittsburgh, and J. B. Owens, Wilkinsburg, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Series-capacitor protective system. 2,546,008, Mar. 20.
Marbury, Ralph E., and W. H. Cuttino, Pittsburgh, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Signal and protective system for shunt capacitor banks. 2,550,119, Apr. 24.
Marbury, Ralph E., and H. A. Travers, Pittsburgh, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Protective system for series capacitors. 2,571,910, Oct. 16.
Marcalus, Nicholas, West Englewood, N. J. Winding machine. 2,579,199, Dec. 18.
Marcell, Reginald C., Thames Ditton, assignor to D. Napier & Son Limited, London, England. Filler cap and other closures. 2,574,836, Nov. 13.
Marcellus, Ada, New York, N. Y. Powder box compact. 2,568,814, Sept. 25
Marcellus, Ada C., New York, N. Y. Combined eyelash curler, mascara applicator, and remover. 2,569,246, Sept. 25.
Marcellus, Brooks, assignor to Barber-Colman Company, Rockford, Ill. Condition responsive instrument. 2,562,385, July 31.
Marcerou, Paul, Paris, France. Portable sawing device operating through impact. 2,539,959, Jan. 30.
Marcerou, Paul, Paris, France. Portable mechanical saw. 2,570,700, Oct. 9.
March, Bernice, Chicago, and E. E. Moore, Waukegan, assignors to Abbott Laboratories, North Chicago Ill. Preparation of stable leuco toluidine blue O solutions. 2,571,593, Oct. 16.
March, Hanna, New York, N. Y. Steaming apparatus. 2,561,443, July 24.
March, Nat H., Noroton Heights, Conn., assignor to American Cyanamid Company, New York, N. Y. Preparation of guanidine thiocyanate. 2,567,955, Sept. 18.
Marchal, Raymond H.: *See*—
Bertin, Jean H., and Marchal.
Marchand, Adolph, Jackson Heights, N. Y. Holder for toilet tissue rolls. 2,576,526, Nov. 27.
Marchand, Adolph, Jackson Heights, N. Y. Structural frame unit for mounting decorative strips. 2,579,943, Dec. 25.
Marchand, John F., New York, N. Y. Preparation of inulin. 2,555,356, June 5.
Marchand, Nathan, assignor to Federal Telephone and Radio Corporation, New York, N. Y. Earth inductor compass indicating system. 2,543,034, Feb. 27.
Marchant Calculating Machine Company, assignee: *See*—
Avery, Harold T.
Nolde, George V.
Studley, Clarence K., Jr.
Stussi, Jacques.
Marchant, Francis C. I.: *See*—
Owner, Frank M., and Marchant.
Marchant, Francis C. I., and W. G. Morgan, assignors to The Bristol Aeroplane Company Limited, Bristol, England. Mounting structure for gas-turbine power plants for aircraft. 2,539,960, Jan. 30
Marchant, Ira A., and E. P. Johnson, Oroville, Wash. Pollenizing device. 2,548,487, Apr. 10.
Marchant, Lawrence Edgar, Toronto, Ontario, assignor to A. V. Roe Canada Limited, Matton Ontario, Canada. Vibrating tracer stylus. 2,539,027, Jan. 23.
Marchese, Raymond R., Pittsburgh, Pa. Shielding device. 2,571,270, Oct. 16.
Marchetti, Augusto, Milan, Italy. Cycle trailer hitch. 2,580,112, Dec. 25.
Marchment, William T., Chiswick, assignor to Evershed & Vignoles Limited, London, England. Movement transmitting system. 2,578,257, Dec. 11.
Marcin, Balys C., Tuckahoe, N. Y. Manufacture of tapes and sheets with adhesive coatings on opposite sides thereof. 2,565,509, Aug. 28.
Marco Company, Inc., assignee: *See*—
Marco, John.
Marco, John, Wilmington, Del. Rotary feed continuous mixer. 2,538,465, Jan. 16.
Marco, John, Wilmington, Del. Reactor for homogenizing machines. 2,538,466, Jan. 16.
Marco, John, assignor to Marco Company, Inc., Wilmington, Del. Hydraulic grinding control. 2,566,949, Sept. 4.
Marco, John L., Flushing, assignor to Goodman-Kleiner Co., Inc., New York, N. Y. Apparatus for insufflating the fallopian tubes. 2,544,931, Mar. 13.
Marco, John L., Flushing, assignor to Goodman-Kleiner Co., Inc., New York, N. Y. Vaginal speculum. 2,544,932, Mar. 13.
Marco, John L., Flushing, assignor to Goodman-Kleiner Co., Inc., New York, N. Y. Tongs. 2,559,978, July 10.
Marconi Sounding Device Company Limited, assignee: *See*—
Gray, Trevor.
Marconi's Wireless Telegraph Company Limited, assignee: *See*—
Brailsford, Joseph D., and Vass.
Mortley, Wilfrid S.
Marcot, Guy C., Lynchburg, Va., assignor to American Cyanamid Company, New York, N. Y. Cadmium sulfide pigments. 2,578,363, Dec. 11.
Marcot, Guy C., Lynchburg, W. J. Cauwenberg, Piney River, and S. A. Lamanna, Amherst, Va., assignors to American Cyanamid Company, New York, N. Y. Powdered transparent iron oxide pigments. 2,558,302, June 26.
Marcot, Guy C., Lynchburg, W. J. Cauwenberg, Piney River, and S. A. Lamanna, Amherst, Va., assignors to American Cyanamid Company, New York, N. Y. Production of iron oxide pigments. 2,558,303, June 26.
Marcot, Guy C., Lynchburg, W. J. Cauwenberg, Piney River, and S. A. Lamanna, Amherst, Va., assignors to American Cyanamid Company, New York, N. Y. Production of iron oxide pigments. 2,558,304, June 26.
Marcoz, Jean, Rueil-Malmaison, France. Thermal cutout switches. 2,577,425, Dec. 4.
Marcum, James H., Cleveland Heights, assignor to The Dill Manufacturing Company, Cleveland, Ohio. Two-way valve. 2,552,336, May 8.
Marcus, Arthur P.: *See*—
Filo, Frank C., and Marcus.
Marcus, Jerome W., assignee: *See*—
Burke, James P.
Marcuse, James E., New York, assignor to West Disinfecting Company, Long Island City, N. Y. Spraying device. 2,547,084, Apr. 3.
Marcy, Henry T., Staten Island, N. Y., assignor, by mesne assignments, to Steel and Alloy Tank Company, Newark, N. J. Letoff motion. 2,565,386, Aug. 21.
Marcy, John P., Oak Ridge, Tenn. Toy machine gun. 2,566,090, Aug. 28.
Marcy, Richard C., Marblehead, and R. R. Perron, Salem, Mass., assignors to United Shoe Machinery Corporation, Flemington, N. J. Automatic mechanism for controlling the operation of machines. 2,565,566, Aug. 28.
Mardigian Corporation, assignee: *See*—
Condak, Edward.
Marette, Ralph T.: *See*—
Gabriel, Charles P., and Marette.

Marette, Ralph T., Cleveland Heights, assignor to The Bishop & Babcock Manufacturing Company, Cleveland, Ohio. Thermostat control means for engine cooling systems. 2,578,141, Dec. 11.
Margiloff, Henry, Laurelton, N. Y., assignor to The Englander Company, Inc., Chicago, Ill. Foldable bed frame. 2,572,642, Oct. 23.
Margles, Samuel G., Brooklyn, assignor to Otis Elevator Company, New York, N. Y. Compensating apparatus for elevator hoisting roping. 2,537,075, Jan. 9.
Margolis, Bernard A.: *See*—
Loeb, Noel, and Margolis.
Margolis, Joseph M.: *See*—
Froelich, Herman C., and Margolis.
Margolis, Louis, Washington, D. C. Mechanical device for relamping fluorescent fixtures. 2,544,707, Mar. 13.
Margolis, Louis, Washington, D. C. Fluorescent fixture having swingable members carrying the lamps. 2,544,708, Mar. 13.
Margon Corporation, assignee: *See*—
Rose, Samuel.
Wilhelm, John H.
Margot, Alfred: *See*—
Martin, Henry, and Margot.
Martin, Henry, Margot, Neracher, Schindler, and Hodel.
Schläpfer, Hans, and Margot.
Margulies, Walter P., New York, N. Y., assignor, by mesne assignments, to Lily-Tulip Cup Corporation. Paper sundae dish. 2,552,051, May 1.
Marhofer, Edwin G: *See*—
Crouch, Willie W., and Marhofer.
Marhofer, Edwin G., Lawrence, Kans., assignor to Phillips Petroleum Company. Producing drying oil from unsaturated glycerides, conjugated diolefins, and hydrocarbon polymers. 2,552,684, May 15.
Marie, Georges R. P., assignor to Societe Francaise Sadir-Carpentier, Paris, France. Modulating system. 2,557,882, June 19.
Marien, Charles A., and F. D. Frisby, St. Louis, Mo., assignors, by mesne assignments, to Ramsey Corporation. Piston packing. 2,575,500, Nov. 20.
Marien, Clement, Attleboro, Mass., assignor to Swank, Inc. Key holder. 2,551,564, May 1.
Marien, Clement, Attleboro, Mass., assignor to Swank, Inc. Cuff link. 2,551,565, May 1.
Marien, Melvin W., Brentwood, Mo., assignor, by mesne assignments, to Ramsey Corporation. Piston packing ring. 2,563,853, Aug. 14.
Marien, Melvin W., St. Louis, Mo., assignor, by mesne assignments, to Ramsey Corporation. Piston packing rings and arrangement thereof. 2,577,140, Dec. 4.
Marien, Melvin W., and C. E. Lippmann, St. Louis, Mo., assignors, by mesne assignments, to Ramsey Corporation. Heat-shaping piston rings. 2,577,139, Dec. 4.
Marinaro, Alfred T.: *See*—
Crozier, Robert N., Lavin, and Marinaro.
Marinaro, Carmen V., assignee: *See*—
McGuire, Daniel S.
Marinch, Donald J., Connellsville, Pa. Anchor chain washing device. 2,546,862, Mar. 27.
Marincic, Frank, Fairmont, W. Va. Cable hanger. 2,551,146, May 1.
Marindin, Frederick R.: *See*—
Lancor, Joseph H., Jr., Marindin, and McCoy.
Marine Industries Incorporated, assignee: *See*—
Reitz, Loy W.
Marine Magnesium Products Corporation, assignee: *See*—
Gloss, Gunter H.
Marine Optical Manufacturing Co., assignee: *See*—
Ditto, Arthur.
Ditto, Eugene D.
Marine Products Company, assignee: *See*—
Fernstrum, Robert W.
Weyer, Ferdinand M.
Marinello, Frank, Chicago, Ill. Circuit and voltage testing device. 2,564,166, Aug. 14.
Marinkovich, Mary, Barberton, Ohio. Preparing and canning cabbages. 2,559,081, July 3.
Marino, Clement L.: *See*—
Lankau, Charles A., Leeks, and Marino.
Marinsky, Davis, deceased, Bronx, N. Y.; L. H. Morin, executor of estate of said D. Marinsky. Tape dispenser. 2,537,147. Jan. 9.
Marinsky, Davis deceased, Bronx, assignor of one-half to Louis H. Morin, New York, N. Y.; L. H. Morin, executor of said D. Marinsky. Automatic lock slider. 2,542,547, Feb. 20.
Marinsky, Davis, deceased, Bronx, assignor of one-half to L. H. Morin, New York, N. Y.; L. H. Morin executor. Reverse locking slider. 2,549,380, Apr. 17.
Marion Machine Company, assignee: *See*—
Westall, Thomas E.
Marion Power Shovel Company, assignee: *See*—
Busick, Adrien F., Jr., and Stock.
Mariotte, Eugene S., assignor to Lipe-Rollway Corporation, Syracuse, N. Y. Bar feed loader for metal-working machines. 2,577,203, Dec. 4.
Maris, Elwood S., Upper Darby, Pa., assignor to Radio Corporation of America. Tone arm mounting. 2,554,950, May 29.
Marisic, Milton M.: *See*—
Porter, Charles A., and Marisic.
Marisic, Milton M., Northfield, and C. A. Porter, assignors to The Pure Oil Company, Chicago, Ill. Method and apparatus for preparing mixed sulfur-hydrocarbon vapors. 2,556,430, June 12.
Marison Company, The, assignee: *See*—
Hill, Robert H.
Mark, Richard S., Arcadia, F. N. Schwend, Monterey Park, and C. P. Stowell, Alhambra, assignors to Clary Multiplier Corporation, San Gabriel, Calif. Factor entering mechanism. 2,544,848, Mar. 13.
Mark, Walter V., Plymouth, Mich. Deodorizing method. 2,546,898, Mar. 27.
Markarian, Moushy: *See*—
Ross, Sidney D., and Markarian.
Markarian, Moushy, assignor to Sprague Electric Company, North Adams, Mass. Pentachlorostyrene and polymers thereof. 2,569,131, Sept. 25.
Marke, Hans, assignor to Aetna Products and Manufacturing Co., Burbank, Calif. Fishing rod guide. 2,573,647, Oct. 30.
Markel Electric Products, Inc., assignee: *See*—
Schweitzer, Erich.
Markel, John M., Rockford, Ill., assignor to J. I. Case Company, Racine, Wis. Folding rotary hoe. 2,547,479, Apr. 3.
Markell, Charlotte, Bronx, N. Y. Lady's rubber overshoe with retaining strap. 2,575,762, Nov. 20.
Markem Machine Company, assignee: *See*—
Robbins, Charles F.
Marken, Richard F.: *See*—
Gollbach, Joseph, and Marken.
Markepp Co., Inc., The, assignee: *See*—
Filo, Frank C., and Marcus.
Market Forge Company, assignee: *See*—
Warshaw, Nathaniel, and Jeffery.
Markham, Basil G., and D. J. Kenney, assignors to The Bristol Aeroplane Company Limited, Bristol, England. Cowl for air-cooled internal-combustion engines for aircraft. 2,558,865, July 3.
Markham, Charles E., St. Louis County, Mo., assignor, by mesne assignments, to Missouri Automatic Control Corporation. Burner safety control. 2,558,658, June 26.
Markham & Company Limited, assignee: *See*—
Spragg, Harry.
Markin, Louis, assignor to Hook-Flex Corporation, Chicago, Ill. Trouser fly construction. 2,549,496, Apr. 17.
Markkula, William A., Menahga, Minn. Tractor barn cleaner for gutterless barns. 2,556,592, June 12.
Markl, Arthur R. C., Louisville, Ky., assignor to Tube Turns, Inc. Apparatus for making welded pipe joints. 2,537,776, Jan. 9.
Markle, Mathew G.: *See*—
Meiller, Daniel V., and Markle.
Markley, Joseph M., Jr.: *See*—
Markley, Myron D. and J. M., Jr.
Markley, Myron D., Southington, and J. M. Markley, Jr., Meriden, Conn. Switch mechanism. 2,565,735, Aug. 28.
Markovitz, Victor S., Philadelphia, Pa. Phonograph disk record package. 2,555,594, June 5.
Markowitz, Dorothy J., Homestead, Fla. Portable baby bed. 2,537,903, Jan. 9.
Marks, Alvin M., Flushing, N. Y. Three-dimensional intercommunicating system. 2,543,793, Mar. 6.
Marks, Barnard M., Newark, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Thermal stabilization of polymeric methyl methacrylate. 2,565,141, Aug. 21.
Marks, Barnard M., Newark, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Granular polymerization of polymerizable liquid organic compound in the presence of a hypophosphite. 2,576,720, Nov. 27.
Marks, Edward R.: *See*—
Shields, William R., and Marks.
Marks, Henry C., Glen Ridge, assignor to Wallace & Tiernan Products, Inc., Belleville, N. J. Algaecidal composition comprising a water-soluble cupric salt and lignin sulfonate. 2,551,446, May 1.
Marks, Henry C., Glen Ridge, assignor to Wallace & Tiernan Products, Inc., Belleville, N. J. Sterilization of ion exchange bodies. 2,571,271, Oct. 16.
Marks, Henry C., Glen Ridge, and F. B. Strandskov, assignors to Wallace & Tiernan Products, Inc., Belleville, N. J. Active chlorine-containing composition. 2,552,490, May 8.
Marks, Henry C., Glen Ridge, and B. J. Ludwig, Bloomfield, assignors to Wallace & Tiernan Products, Inc., Belleville, N. J. Chlorination of aqueous liquid in a recirculation system. 2,552,491, May 8.
Marks, Joseph N., assignee: *See*—
Hills, Elmer G.
Marks, Leonard V., and D. W. Briscomb, Willesden, England, assignors to Modern Telephone Corporation, New York, N. Y. Intercommunication telephone system. 2,559,778, July 10.
Marksom, Alfred A., Mount Lebanon Township, Allegheny County, assignor to Calgon Incorporated, Pittsburgh, Pa. Making phosphate glass compositions. 2,572,362, Oct. 23.
Markusen, David L., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Flight control apparatus. 2,558,096, June 26.

Markvart, Edwin J., assignor to Spengler-Loomis Manufacturing Company, Rockford, Ill. Pencil sharpener. 2,571,738, Oct. 16.

Markvart, Edwin J., and A. P. Solem, assignors to Spengler-Loomis Manufacturing Company, Rockford, Ill. Pencil sharpener. 2,572,875, Oct. 30.

Markwood, Paul W., Enka, and J. A. Moore, Asheville, assignors to American Enka Corporation, Enka, N. C. Thread guide. 2,539,961, Jan. 30.

Marlboro Wire Goods Company, assignee: *See*—
Moineau, Hector E.

Marley Company, Inc., The, assignee: *See*—
Mart, Leon T.

Marley, William C., Gastonia, N. C. Cigarette extinguishing ash tray. 2,541,929, Feb. 13.

Marling, Paul E., Dayton, Ohio, assignor to Monsanto Chemical Company, St. Louis, Mo. Coating composition. 2,544,391, Mar. 6.

Marling, Paul E., Dayton, Ohio, assignor to Monsanto Chemical Company, St. Louis, Mo. Stabilized vinyl chloride resins. 2,572,571, Oct. 23.

Marling, Paul E., Dayton, Ohio, assignor to Monsanto Chemical Company, St. Louis, Mo. Coating composition comprising the reaction product of vinyl esters of tall oil acids with styrene and an isopropenyl compound, and the preparation. 2,577,709, Dec. 4.

Marlow, Frederick J., Sutton Coldfield, assignor to Joseph Lucas Limited, Birmingham, England. Delivery nozzle for liquid fuels or other liquids. 2,577,901, Dec. 11.

Marlow, Harry, and J. E. Steele, Beaumont, Tex., assignors to Warren Petroleum Corporation, Tulsa, Okla. Apparatus for mounting tanks in a cargo vessel. 2,539,453, Jan. 30.

Marman Products Company, Inc., assignee: *See*—
Christophersen, Clarence E.
Houghton, Howard D., and Woolsey.
Woolsey, Theodore A.
Woolsey, Theodore A., and Houghton.

Marmont, George H., Chicago, Ill., and W. A. Rice, assignors to Bendix Aviation Corporation, Detroit, Mich. Key operated switch for musical instruments. 2,549,697, Apr. 17.

Marmor, Herman, New York, N. Y. Animated timepiece. 2,574,048, Nov. 6.

Marnell, William F., Chandler, Ariz. Record machine synchronizer. 2,562,470, July 31.

Marogg, Richard, Hastings on Hudson, N. Y. Folding screw driver. 2,563,126, Aug. 7.

Maroney, Clair F.: *See*—
Weisz, Daniel I., Maroney, and McGrew.

Maroni, Jacques R., Jamaica, N. Y., assignor to The Sperry Corporation. Aircraft automatic pilot. 2,553,597, May 22.

Marple, Kenneth E.: *See*—
Larsen, Robert G., and Marple.

Marple, Kenneth E., Oakland, and E. C. Shokal, Walnut Creek, assignors to Shell Development Company, San Francisco, Calif. Plastic compositions from copolymers of unsaturated esters of ethereal oxygen-containing acids. 2,567,675, Sept. 11.

Marquardt, Otto: *See*—
Somes, Howard E., Jr., and Marquardt.

Marquardt, Rembert A., and S. C. Morrey, Park Ridge, Ill. Block out system for duplicating. 2,537,359, Jan. 9.

Marquette Metal Products Company, The, assignee: *See*—
Burritt, Burnell O.
Gleitz, Jerome D.
Gorske, Stanley F.
Harlan, Kenneth C.
Pepper, Carl P.
Sacchini, Columbus R.
Sweet, Floyd H.
Young, Robert L.

Marquis, John F., assignor to Operadio Manufacturing Co., St. Charles, Ill. Electrodynamic speaker. 2,551,447, May 1.

Marr, Earl B., Santa Clara, Calif. Automatically injecting fuel into engines. 2,579,687, Dec. 25.

Marr, John V., and W. G. Mercer, assignors of 20 per cent to C. A. Barrington, Fayetteville, N. C. Filing machine. 2,564,490, Aug. 14.

Marr, Northrup W.: *See*—
Sawyer, Edna L., and Marr.

Marriage, Anthony, Harrow, England, assignor to Eastman Kodak Company, Rochester, N. Y. Photographic direct positive matrix process. 2,566,234, Aug. 28.

Marrier, Leo J., Milwaukee, Wis. Truss. 2,568,815, Sept. 25.

Marrison, Warren A., Berkeley Heights, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Selective signaling generator in which coded information is recorded on a magnetizable medium. 2,558,187, June 26.

Marrison, Warren A., Maplewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Standard frequency system. 2,564,439, Aug. 14.

Marrotte, Nelson A., Dover, N. H. Portable refacing machine. 2,556,203, June 12.

Marry, Raoul M. F. A., assignor to Societe de Construction des Batignolles, Paris, France. Supporting wall construction. 2,539,850, Jan. 30.

Mars, Albert, and A. Gorretta, Cleveland, Ohio. Adjustable support for crib bed springs. 2,562,053, July 24.

Mars and Huzenlaub, assignee: *See*—
Huzenlaub, Erich G., and Rogers.

Marsal, Paul A., Rocky River, Ohio, assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Apparatus for actuating an electromagnetic type camera shutter synchronizer. 2,553,662, May 22.

Marschalk, Charles, and J. P. Niederhauser, Creil, assignors to Societe Anonyme de Matieres Colorantes et Produits Chimiques Francolor, Paris, France. Water-soluble tetracene dyestuffs and dyeing employing them. 2,560,462, July 10.

Marschke, August R., Fargo, N. Dak. Wheeled jack dolly. 2,565,869, Aug. 28.

Marschner, Robert F., Homewood, assignor to Standard Oil Company, Chicago, Ill. Recovery of oxygenated compounds and hydrocarbons from mixtures thereof. Re. 23,433, Nov. 27.

Marsden, Ernest B., Erie, Pa., assignor to The Standard Stoker Company, Incorporated. Locomotive stoker. 2,548,227, Apr. 10.

Marsden, Horace E., London, England. Spray dampener for lithographic offset presses. 2,543,663, Feb. 27.

Marsden, Irvin, Horsforth, Leeds, assignor to Platt Brothers & Company Limited, Oldham, England. Driving mechanism for the rubbing motion of tape condensers of carder engines. 2,539,028, Jan. 23.

Marsden, James, Schenectady, N. Y., assignor to General Electric Company. Preparation of dimethyl silicone gums. 2,546,036, Mar. 20.

Marsden, James W., San Francisco, Calif. Sealing strip. 2,567,610, Sept. 11.

Marsden, Lawrence A., High Point, N. C. Tack strip. 2,574,219, Nov. 6.

Marsell, Paul H., Cortez, Colo. Combined torque changer and variable speed transmission. 2,552,010, May 8.

Marsell, Philip A., Emsworth, and C. H. Teller, Mount Lebanon, Pa., assignors to Koppers Company, Inc. Apparatus for coating sheet material with particulate material. 2,569,484, Oct. 2.

Marsh, Alonzo K., Ridgewood, N. J., assignor to A. Kimball Company, New York, N. Y. Applying flag type labels to electric cords or other cylindrical articles. 2,543,323, Feb. 27.

Marsh, Alonzo K., Ridgewood, N. J., assignor to A. Kimball Company, New York, N. Y. Apparatus for marking tags. 2,549,107, Apr. 17.

Marsh, Charles R., State College, Pa., assignor to The United States of America as represented by the United States Atomic Energy Commission. Radiation counter. 2,550,488, Apr. 24.

Marsh, Charles R., State College, Pa., and C. B. Pickle, Baltimore, Md., assignors to the United States of America as represented by the United States Atomic Energy Commission. Fluorophotometer. 2,551,542, May 1.

Marsh, Frederick W., assignor to Kestral Corporation, Springfield, Mass. Valve construction. 2,566,576, Sept. 4.

Marsh, Gerald M., Liberty, Mo. Window shade assembly. 2,559,306, July 3.

Marsh, Glenn A., Crystal Lake, assignor to The Pure Oil Company, Chicago, Ill. Prevention of corrosion of structural metals by hydrogen sulfide, air, and water. 2,571,739, Oct. 16.

Marsh, Glenn A., Crystal Lake, assignor to The Pure Oil Company, Chicago, Ill. Prevention of corrosion of steel by brine containing dissolved oxygen. 2,574,576, Nov. 13.

Marsh, Hallock S., Philadelphia, Pa. Vectorial and mathematical calculator. 2,547,955, Apr. 10.

Marsh, Herbert H., and G. G. Short, Denver, Colo. Gas burner with gas preheating chamber and flame nozzles. 2,547,276, Apr. 3.

Marsh, Herbert H., and G. G. Short, Denver, Colo. Filter washing system. 2,547,277, Apr. 3.

Marsh, Jas. P., Corporation, assignee: *See*—
Rose, Alexander D., and Willach.

Marsh, Myrle O., Fort Wayne, Ind., assignor to General Electric Company. Electric induction apparatus. 2,547,649, Apr. 3.

Marsh, Nat H., Noroton Heights, Conn., assignor to American Cyanamid Company, New York, N. Y. Preparation of guanidine salt. 2,537,938, Jan. 9.

Marsh, Nat H., Noroton Heights, Conn., assignor to American Cyanamid Company, New York, N. Y. Guanidine from urea and carbon disulfide. 2,557,985, June 26.

Marsh, Nat H., Noroton Heights, Conn., assignor to American Cyanamid Company, New York, N. Y. Preparation of melamine. 2,557,986, June 26.

Marsh, Nat H., Noroton Heights, Conn., assignor to American Cyanamid Company, New York, N. Y. Production of guanidine sulfate. 2,567,676, Sept. 11.

Marsh, Nat H., Noroton Heights, Conn., assignor to American Cyanamid Company, New York, N. Y. Preparation of guanidine sulfate. 2,567,677, Sept. 11.

Marsh, Nat H., Noroton Heights, Conn., assignor to American Cyanamid Company, New York, N. Y. Preparation of guanidine salts. 2,571,911, Oct. 16.

Marsh, Nat H., Noroton Heights, Conn., assignor to American Cyanamid Company, New York, N. Y. Preparation of melamine. 2,571,912, Oct. 16.

Marsh, Nat H., Noroton Heights, and R. W. Hamilton, Norwalk, Conn., assignors to American Cyanamid Company, New York, N. Y. Preparation of cyanothiourea. 2,557,984, June 26.
Marsh, Richard M., assignee: *See*—
Hensley, James R., and Baker.
Marsh, Sidney C., Hohokus, assignor to Specialties Development Corporation, Bloomfield, N. J. Carbon dioxide storage. 2,538,023, Jan. 16.
Marsh, Stanley H., Beloit, Wis., assignor to Deere Manufacturing Co., Dubuque, Iowa. Rotary crop divider for harvesters. 2,543,324, Feb. 27.
Marsh Wall Products, Incorporated, assignee: *See*—
Robinson, Joseph J., Jr., and Wassem.
Marsh, Willis M., Sarasota, Fla. Dual wheel assembly. 2,576,258, Nov. 27.
Marshak, Alfred G., Brooklyn, N. Y. Extracting usnic acid. 2,557,987, June 26.
Marshall, Alec F., and H. A. Rees, assignors to Davy and United Engineering Company Limited, Sheffield, England. Hydraulic servomotor and control valve therefor. 2,544,035, Mar. 6.
Marshall, Allan, Whiting, Ind. Smoker's pipe cleaner. 2,575,634, Nov. 20.
Marshall, Charles H., Crafton, assignor to Koppers Company, Inc., Pittsburgh, Pa. Floating fire-prevention equipment. 2,548,384, Apr. 10.
Marshall, Donald E., Summit, N. J. Process and apparatus for treating solutions to recover and coat solid particles. 2,561,392, July 24.
Marshall, Donald E., Summit, N. J. Process and apparatus for vaporizing solutions and recovering solids therefrom. 2,561,393, July 24.
Marshall, Donald E., Summit, N. J. Coating particulate materials. 2,561,394, July 24.
Marshall, Donald E., Summit, N. J. Apparatus for vaporizing solutions or liquid mixtures and pelleting the residues. 2,561,395, July 24.
Marshall, Donald E., Summit, N. J., assignor to Colgate-Palmolive-Peet Company. Process and apparatus for coating particulate material. 2,579,944, Dec. 25.
Marshall, Doyle B., Marshall, Mich. Root crop harvester having topping means. 2,547,878, Apr. 3.
Marshall, Earl L., and R. J. Hartel, Auburndale, Mass. Container. 2,541,595, Feb. 13.
Marshall, Edward T.: *See*—
Green, Arthur D., and Marshall.
Marshall, Elaine H., Wrentham, Mass. Stapling bows to greeting cards. 2,567,648, Sept. 11.
Marshall Field & Company, assignee: *See*—
Clark, Eugene F.
Marshall Field and Company, assignee: *See*—
Truslow, Grover C., and MacIsaac.
Marshall, Fitz-Hugh B.: *See*—
Coltman, John W., Marshall.
Marshall, Fitz-Hugh B., Glenshaw, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Radiation detector. 2,539,196, Jan. 23.
Marshall, Franklin W., Pittsburgh, and S. M. McCall, Ross Township, Allegheny County, Pa. Joining device. 2,569,532, Oct. 2.
Marshall, Gordon W., Dunellen, and J. B. Scapiliati, North Plainfield, N. J. Jack attachment for vehicles. 2,549,321, Apr. 17.
Marshall, Harry B.: *See*—
Fisher, John H., and Marshall.
Marshall, Harry B., Toronto, and C. A. Sankey, St. Catherines, assignors to The Ontario Paper Company Limited, Thorold, Ontario, Canada. Producing vanillin. 2,544,999, Mar. 13.
Marshall, Harry G., New Westminster, British Columbia, Canada. Adjustable vehicle spring assembly. 2,550,074, Apr. 24.
Marshall, Herbert Stanley, Purley, England. Cording. 2,550,576, Apr. 24.
Marshall, John E. L., Sandiacre, England. Construction of seats. 2,560,969, July 17.
Marshall, John N., Washington, D. C., assignor to the Minister of Supply in His Majesty's Government of the United Kingdom of Great Britain and Northern Ireland, London, England. Plunger positioning device. 2,551,959, May 8.
Marshall, Leonard J., Anderson, Tenn., assignor to Combustion Engineering-Superheater, Inc. Apparatus for extracting heat from gases under pressure. 2,547,589, Apr. 3.
Marshall, Luther A., Floydada, Tex. Hen's nest. 2,564,207, Aug. 14.
Marshall, Merrill G., Homewood, assignor to Cardox Corporation, Chicago, Ill. Fire-extinguishing apparatus. 2,547,334, Apr. 3.
Marshall, Robert B., Youngstown, Ohio. Sliding shelf construction for food mixers. 2,549,617, Apr. 17.
Marshall, Robert J.: *See*—
Hudson, Harry K., and Marshall.
Marshall, Robert P.: *See*—
Horne, Donald, Marshall, and Bondy.
Marshall, Walton H., Jr., New York, N. Y. Ammonia dissociator. 2,578,193, Dec. 11.
Marshall, William C., Oakland, Calif. Movable electrode tube. 2,548,385, Apr. 10.
Marson, Harry W., Greenwich, Conn., assignor to American Cyanamid Company, New York, N. Y. Preparation of aromatic disulfides. 2,571,740, Oct. 16.
Marson, Joseph, West New York, and W. J. Workman, North Arlington, N. J., assignors to Western Electric Company, Incorporated, New York, N. Y. Crystal dividing machine. 2,563,476, Aug. 7.
Marston, Everette D.: *See*—
Collins, Charles P., Gacey, Marston, Morris, and Trumbo.
Marston, Trowbridge, Newark, and W. S. Lawrence, Wilmington, Del., assignors to Kaumagraph Company. Transfer iron. 2,543,035, Feb. 27.
Mart, Frank J., Steubenville, Ohio. Fishing rod stand. 2,555,982, June 5.
Mart, Leon T., Mission, assignor to The Marley Company, Inc., Kansas City, Kans. Spray nozzle. 2,568,240, Sept. 18.
Martellotti, Mario E., assignor to The Cincinnati Milling Machine Company, Cincinnati, Ohio. Bearing. 2,578,711, Dec. 18.
Martellotti, Mario E., assignor to The Cincinnati Milling Machine Company, Cincinnati, Ohio. Fluid pressure bearing. 2,578,712, Dec. 18.
Martellotti, Mario E., assignor to The Cincinnati Milling Machine Company, Cincinnati, Ohio. Fluid pressure bearing. 2,578,713, Dec. 18.
Marten, Richard A., Pasadena, Calif. Aerial navigation instrument. 2,541,878, Feb. 13.
Martenot, Maurice, Neuilly-sur-Seine, France. Keyboard electric musical instrument. 2,562,471, July 31.
Martensson, Martin, Emmaljunga, Sweden. Wood shaping machine. 2,563,655, Aug. 7.
Martilla, Frank H., Minneapolis, Minn. Coil winding device. 2,558,621, June 26.
Martin, Allan, Ebbw Vale, Wales. Safety device for lifting and lowering apparatus. 2,550,839, May 1.
Martin, Bert W.: *See*—
Piazze, Thomas E., and Martin.
Martin, Bradford, Washington, assignor, by mesne assignments, to Solar Engineering & Equipment Co., Beaver, Pa. Stencil decorating machine. 2,556,657, June 12.
Martin, Carroll C., Baltimore, Md. Automatic deep fryer. 2,546,464, Mar. 27.
Martin, Cebal F., Gainsville, Tex. Hand controlled clutch and brake for tractors. 2,555,417, June 5.
Martin, Charles A., Buffalo, N. Y. Dust collector for tile cutting machines and the like. 2,565,510, Aug. 28.
Martin, Charles A., Buffalo, N. Y. Mounting cutting blades on shafts. 2,572,042. Oct. 23
Martin, Charles A., Tupelo, Miss. Pen holder. 2,574,340, Nov. 6.
Martin, Charles A., assignor of one-half to H. K. Brasfield, Tupelo, Miss. Technician's bench plate. 2,579,844, Dec. 25.
Martin, Charles B.: *See*—
Eagles, Horace W., and Martin.
Martin, Charles F., and V. O. Wodicka, assignors to Libby, McNeill & Libby, Chicago, Ill. Thermal processing of food products. 2,578,437, Dec. 11.
Martin, Charles H., Huntington Park, assignor, by mesne assignments, to Towner Manufacturing Co., Santa Ana, Calif. Tractor-drawn scraper. 2,545,739, Mar. 20.
Martin, Charles H., Huntington Park, assignor, by mesne assignments, to Farm-Aid Implement Company, Norwalk, Calif. Hydraulic power transmission for use with rotatable engine-driven power take-off shafts. 2,553,826, May 22.
Martin, Charles S., Leicester, L. H. Colton, West Bridgford, Nottingham, and A. E. Cooke, Leicester, England. Stop motion for knitting machines. 2,571,913, Oct. 16.
Martin, Claude W., Gold Hill, Oreg. Tire bead and retaining ring tool. 2,545,483, Mar. 20.
Martin, Clyde M., Orange Cove, Calif., assignor, by mesne assignments, to Martin Load Corporation. Loading method and apparatus. 2,565,567, Aug. 28.
Martin, Constant, Versailles, France. Electronic musical instrument. 2,563,477, Aug. 7.
Martin, Constant, Versailles, France. Electrical musical instrument with vibratory string. 2,568,862, Sept. 25.
Martin, Daniel W., Blackwood, and W. R. Ayres, Oaklyn, N. J., assignors to Radio Corporation of America. Electronic swinging bell. 2,574,577, Nov. 13.
Martin, David E., Xenia, Ohio. Gun rest. 2,569,435, Sept. 25.
Martin, Donald W.: *See*—
Rathert, Walter H., Wilson, Murray, Wilson, and Martin.
Martin, Dwight R.: *See*—
Warner, De Ver K., Martin, and Bellows.
Martin, Earnest E., Pasadena, Calif., assignor, by mesne assignments, to J. F. Smith. Pressure filling system. 2,536,299, Jan. 2.
Martin, Earnest E., Pasadena, Calif., assignor, by mesne assignments, to J. F. Smith. Vacuumizer for filling machines. 2,536,300, Jan. 2.
Martin, Earnest E., Pasadena, Calif., assignor, by mesne assignments, to John Wood Manufacturing Company, Inc., New York, N. Y. Hose reeling apparatus. 2,550,120, Apr. 24.
Martin, Earnest E., Redondo Beach, assignor to R. Walsh, Los Angeles, Calif. Valve and fitting. 2,545,000, Mar. 13.
Martin, Earnest E., Pasadena, and R. Walsh, assignors to Universal Properties, Inc., Los Angeles, Calif. Valve control for pressure fluid containers. 2,550,840, May 1.

Martin, Edgar D., and G. E. Martin, Corning, Ohio. Semi-automatic rifle. 2,550,280, Apr. 24.
Martin, Edward G., Cambridge, Mass., assignor, by mesne assignments, to the United States of America as represented by the Secretary of War. Variable frequency cavity resonator. 2,562,323, July 31.
Martin, Eileen T., New York, N. Y. Headband. 2,557,552, June 19.
Martin Elevator Co., Inc., assignee: *See*—
Schmidt, Charles R.
Martin, Elmore L., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. m-(3-methylsalicylamido)-benzaldehyde polyvinyl acetals as photographic color couplers. 2,538,257, Jan. 16.
Martin, Elmore L., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Photographic silver halide emulsions and developers containing 5-acyloxypyrazole color formers. 2,575,182, Nov. 13.
Martin, Erle, West Hartford, assignor to United Aircraft Corporation, East Hartford, Conn. Brush shunt protector. 2,541,527, Feb. 13.
Martin, Erle, West Hartford, assignor to United Aircraft Corporation, East Hartford, Conn. Propeller pitch control. 2,549,108, Apr. 17.
Martin, Eugene, Wesleyville, Pa., assignor to Read Standard Corporation. Coal pusher. 2,559,541, July 3.
Martin, Eugene, Wesleyville, Pa., assignor to Read Standard Corporation. Fuel receiving and conveying apparatus. 2,575,023, Nov. 13.
Martin, Eugene, C. J. Surdy, and J. B. MacKenzie, Wesleyville, Pa., assignors to The Standard Stoker Company, Incorporated. Locomotive and boiler therefor. 2,558,261, June 26.
Martin Fabrics Corporation, assignee: *See*—
Griefen, Richard A., and Mostertz.
Martin, Francis E., and J. A. Daugherty, East Rainelle, W. Va.; said Martin assignor to said Daugherty. Battery terminal protector. 2,564,810, Aug. 21.
Martin, Frank B., Jr., Pensacola, Fla. Bell housing. 2,564,019, Aug. 14.
Martin, Frank S.: *See*—
Gerke, Roscoe H., and Martin.
Martin, Fred, Cleveland, Ohio. Escutcheon with key guide. 2,563,950, Aug. 14.
Martin, Gayle, Milwaukee, Wis. Cork pistol. 2,580,356, Dec. 25.
Martin, George A., Cranford, N. J., assignor to Standard Oil Development Company. Industrial infrared analyzer. 2,550,419, Apr. 24.
Martin, George D.: *See*—
Wilder, Richard S., and Martin.
Martin, George D., Upper Darby, assignor to Publicker Industries Inc., Philadelphia, Pa. Modified alkyd resins from 4-cyclohexene-1,2-dicarboxylic acid and producing same. 2,550,706, May 1.
Martin, George D., Upper Darby, and R. S. Wilder, Elkins Park, assignors to Publicker Industries Inc., Philadelphia, Pa. Esters of sulfo-4-cyclohexene-1,2-dicarboxylic acid and producing same. 2,551,575, May 8.
Martin, George E.: *See*—
Martin, Edgar D., and G. E.
Martin, George J., Detroit, Mich. Neck resizer and bullet seater. 2,571,272, Oct. 16.
Martin, George K. and M. M., assignors of one-fourth to T. A. Buckner, Jr., San Marcos, Tex. Automatic water shutoff device. 2,545,928, Mar. 20.
Martin, George W., Eau Claire, Wis. Propeller clutch. 2,564,605, Aug. 14.
Martin, Gilbert E., and W. E. Lopez, New Orleans, La.; said Martin assignor to said Lopez. Roof-framing calculator. 2,541,596, Feb. 13.
Martin, Glenn L., Company, The, assignee: *See*—
Bennett, James H., and Webb.
Hill, Thomas C., and Coulson.
Hill, Thomas G., and Curl.
Miller, Leslie T.
Muller, Frank A.
Nevin, Robert S., Sr., and Fields.
Paine, Joseph P., and Zahnow.
Sorensen, Carl P.
Turnbull, William J.
Van Zelm, Willem D., and Sheleski.
Walter, George E., and Hornstein.
Walter, George E., Hornstein, and Steinberg.
Ward, Roger.
White, Zebulon L., and Buchal.
Willison, Floyd E.
Martin, Gustav J.: *See*—
Avakian, Souren, and Martin.
Sullivan, Miller J., and Martin.
Swayne, Vinton R., Jr., and Martin.
Martin, Gustav J., Philadelphia, and S. Avakian, Orland, assignors to The National Drug Company, Philadelphia, Pa. Alkyl-aminoalkyl esters of 3-benzothienylhydroxyacetic acid. 2,550,017, Apr. 24.
Martin, Gustav J., and J. N. Moss, assignors to The National Drug Company, Philadelphia, Pa. Ulcer therapy composition. 2,550,489, Apr. 24.
Martin, Guy R., assignee: *See*—
Gibson, Leserine C.
Martin, Harry L., Somerset, Pa. Guard for highway line marks. 2,551,846, May 8.
Martin, Harry W., Taft, Calif. Pump rod catching device. 2,578,818, Dec. 18.
Martin, Henry, and A. Margot, assignors to J. R. Geigy A. G., Basel, Switzerland. Amides of monocarboxylic acids having acaricidal and disinfecting properties. 2,541,930, Feb. 13.
Martin, Henry, A. Margot, O. Neracher, W. Schindler, Basel, and E. Hodel, Birsfelden, assignors to J. R. Geigy A. G., Basel, Switzerland. Diethyl-chlorobenzamide. 2,551,891, May 8.
Martin, Henry K., Ironwood, Mich., assignor to Reserve Mining Company, Babbit, Minn. Method and apparatus for separating materials. 2,560,809, July 17.
Martin, Herman, Bradford, England. Piston ring compressor. 2,553,663, May 22.
Martin, Homer Z.: *See*—
Nelson, Karl J., and Martin.
Martin, Homer Z., Roselle, N. J., assignor to Standard Oil Development Company. Fluidized catalyst regeneration process. 2,543,863, Mar. 6.
Martin, Homer Z., Roselle, and K. J. Nelson, Cranford, N. J., assignors to Standard Oil Development Company. Production of solid fuel agglomerates. 2,560,357, July 10.
Martin, Homer Z., Roselle, I. Mayer and C. W. Tyson, Summit, N. J., assignors to Standard Oil Development Company. Regeneration of an iron catalyst with controlled CO_2:CO ratios. 2,562,804, July 31.
Martin, Howard S., Glenview, assignor to The Pure Oil Company, Chicago, Ill. Distilling head. 2,537,942, Jan. 9.
Martin, Hugh E.: *See*—
Lee, John W., Martin, and Alexander.
Martin, Irving W., Sibley, Iowa. Preparing a hydrochloride of a sulfa drug composition for poultry. 2,566,066, Aug. 28.
Martin, J. E., Equipment Corporation, assignee: *See*—
Mueller, Theodore G.
Martin, James, Higher Denham, near Uxbridge, England. Control means for use with ejection seats of aircraft. 2,569,638, Oct. 2.
Martin, James S.: *See*—
Bergh, Roland C., and Martin.
Martin, James W., assignor, by mesne assignments, to The Broquinda Corporation, St. Petersburg, Fla. Standby refrigeration system. 2,541,169, Feb. 13.
Martin, Jean, Paris, France. Automatic and progressive change-speed gear. 2,573,472, Oct. 30.
Martin, John: *See*—
Downs, Charles D., and Martin.
Martin, John, Trenton, N. J., assignor to Columbian Carbon Company, New York, N. Y. Production of gamma-ferric oxide hydrate and gamma-ferric oxide. 2,560,970, July 17.
Martin, John, Trenton, N. J., assignor to Columbian Carbon Company, New York, N. Y. Production of gamma-ferric oxide hydrate and gamma-ferric oxide. 2,560,971, July 17.
Martin, John B., San Francisco, Calif. Horizontal axis ball mill with peripheral screening and lifting bays. 2,560,972, July 17.
Martin, John E.: *See*—
Berg, Louis B., and Martin.
Martin, John G., assignor to Bendix Aviation Corporation, South Bend, Ind. Hydraulic brake automatic adjuster. 2,544,849, Mar. 13.
Martin, John N.: *See*—
Meadows, James L., and Martin.
Martin, John N., Wendover, Utah. Protective spray fire nozzle. 2,570,828, Oct. 9.
Martin, Joseph, Laurelton, assignor to Eclipse Sleep Products, Inc., Brooklyn, N. Y. Collapsible bed. 2,562,197, July 31.
Martin, Joseph A.: *See*—
Harrington, Ferris T., Martin, Elliott, and Haisen.
Martin, Lawrence A.: *See*—
Riedesel, Richard G., and Martin.
Martin Load Corporation, assignee: *See*—
Martin, Clyde M.
Martin, Lynn P., assignor to W. A. Sheaffer Pen Company, Fort Madison, Iowa. Reservoir desk stand. 2,553,598, May 22.
Martin, Lynn P., assignor to W. A. Sheaffer Pen Company, Fort Madison, Iowa. Reservoir desk stand. 2,553,599, May 22.
Martin, Marie-Thérèse, Versailles, France. Harmonic-selecting apparatus. 2,570,701, Oct. 9.
Martin, Marion E., administratrix: *See*—
Martin, Otis C.
Martin, Mary M.: *See*—
Martin, George K. and M. M.
Martin, Mervin E., T. M. Andrews, and A. R. Franck, Cumberland, Md., assignors to Celanese Corporation of America, New York, N. Y. Preparation of cellulose esters. 2,539,586, Jan. 30.
Martin, Mervin E., and L. G. Reed, Cumberland, Md., assignors to Celanese Corporation of America. Treatment of cellulose esters. 2,553,664, May 22.
Martin, Mervin E., and D. L. Sherk, Cumberland, Md., assignors to Celanese Corporation of America. Purification of cellulosic materials. 2,558,054, June 26.
Martin, Norman F.: *See*—
Mills, Donald H., and Martin.
Martin, Norman F., assignor to The Magnavox Company, Fort Wayne, Ind. Dual stylus phonograph pickup. 2,570,578, Oct. 9.

Martin, Otis C., deceased, Los Angeles, Calif.; M. E. Martin, administratrix of said O. C. Martin, assignor to Harry Nock, Elizabeth, N. J. Fluid control valve. 2,545,526, Mar. 20.
Martin, Otis C., deceased, by M. E. Martin, administratrix, Los Angeles, Calif., assignor to H. Nock, Elizabeth, N. J. Valve construction. 2,569,014, Sept. 25.
Martin, Pamela R.: *See*—
Dinsdale, J. M., Holmes, and Martin.
Wheelwright, Edward H., Dinsdale, Holmes, and Martin.
Martin-Parry Corporation, assignee: *See*—
Mayes, Walter A.
Martin, Paul Marcel, Paris, France. Inlet means for insulation-covered electric conductors. 2,539,310, Jan. 23.
Martin, Paul N., Penn Township, Allegheny County, assignor to The Union Switch & Signal Company, Swissvale, Pa. Vacuum tube circuits. 2,541,879, Feb. 13.
Martin, Perry S., Harrisonburg, Va. Temperature control device. 2,554,370, May 22.
Martin, Philip, North Hollywood, Calif. Appliance timing controller. 2,550,281, Apr. 24.
Martin, Philip W., Huntington Park, Calif. Apparatus for logging. 2,568,241, Sept. 18.
Martin, Raleigh R., Anderson, Ind. Storm window structure. 2,563,730, Aug. 7.
Martin, Robert T., Salem, Oreg. Fishing device. 2,555,802, June 5.
Martin, Robert W., Lenox, Mass., assignor to General Electric Company. Trimethylol phenol compound and derivatives thereof. 2,579,329, Dec. 18.
Martin, Robert W., Lenox, Mass., assignor to General Electric Company. Methylol phenol unsaturated ethers. 2,579,330, Dec. 18.
Martin, Robert W., Lenox, Mass., assignor to General Electric Company. Compositions containing methylol phenyl ethers. 2,579,331, Dec. 18.
Martin, Roger M. L., Boulogne sur Seine, France. Furnace grate bar. 2,569,639, Oct. 2.
Martin, Samuel F., Los Angeles, Calif. Sprinkler head. 2,558,450, June 26.
Martin, Samuel M.: *See*—
Hanson, Estyle D., Henning, and Martin.
Martin, Samuel M., Baltimore, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Apparatus for insulating conductors. 2,566,846, Sept. 4.
Martin, Samuel M., Baltimore, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Compound-feeding apparatus. 2,579,747, Dec. 25.
Martin & Schwartz, Inc., assignee: *See*—
Chevallier, George E.
Martin-Senour Company, assignee: *See*—
Hancock, William L., and Walsh.
Martin, Sidney W., Chicago, assignor to Bear Manufacturing Company, Rock Island, Ill. Wheel balancing machine. 2,553,058, May 15.
Martin, Stephen J., Long Island City, assignor to Faximile, Inc., New York, N. Y. Sound and facsimile multiplex system. 2,578,714, Dec. 18.
Martin, Tellis A.: *See*—
Randall, David I., and Martin.
Martin, Thomas, assignor, by mesne assignments, to Hunter-Douglas Corporation, Riverside, Calif. Plastic Venetian blind tape. 2,571,372, Oct. 16.
Martin, Thomas B., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Propeller pitch control. 2,576,619, Nov. 27.
Martin, Thomas C., Natick, Mass. Weighted figure toy. 2,577,343, Dec. 4.
Martin, Thomas H., assignee: *See*—
Regenold, Frederick A.
Martin, Tolly C., Monterey, Calif. Periscope for motor vehicles. 2,570,357, Oct. 9.
Martin, Wade B., Ramsey, N. J., assignor to American Telephone and Telegraph Company. Telegraph signal biasing set. 2,568,019, Sept. 18.
Martin, Walter B., assignor to Wm. H. Noggle & Sons, Inc., Manheim, Pa. Foot construction for sleeping garments. 2,552,802, May 15.
Martin, Walter C., Hinsdale, Ill. Folding deck chair. 2,567,341, Sept. 11.
Martin, Walter J., Pittsburgh, Pa. Rattrap. 2,564,491, Aug. 14.
Martin, Walter N., and J. Y. Riedel, Bethlehem, Pa., assignors to Bethlehem Steel Company. Forming turbine rotors. 2,560,973, July 17.
Martin, Wesley G., assignor to A. O. Smith Corporation, Milwaukee, Wis. Silo. 2,551,216, May 1.
Martin, Wesley G., assignor to A. O. Smith Corporation, Milwaukee, Wis. Silo construction. 2,551,217, May 1.
Martin, Wesley G., assignor to A. O. Smith Corporation, Milwaukee, Wis. Silo unloading device with means to dislodge silage for ready discharge. 2,576,620, Nov. 27.
Martin, William, Brooklyn, N. Y. Wheeled outrigger for tractors. 2,561,444, July 24.
Martin, William C., and D. K. MacLeod, assignors to United Steel Fabricators, Inc., Wooster, Ohio. Arch construction. 2,536,759, Jan. 2.
Martin, William C., and D. K. MacLeod, assignors to United Steel Fabricators, Inc., Wooster, Ohio. Road guard. 2,536,760, Jan. 2.
Martin, William E., Kewanee, Ill. Garment hanger. 2,545,156, Mar. 13.
Martin, William G., Flint, assignor to General Motors Corporation, Detroit, Mich. Weighing scale for determining mass distributions. 2,576,468, Nov. 27.
Martin, William H.: *See*—
Leaver, Eric W., and Martin.
Martin, William H., Lakewood, Ohio, assignor to Republic Industries, Inc., New York, N. Y. Porcelain enameled tank. 2,540,052, Jan. 30.
Martin, William H., North Hollywood, Calif. Saucer. 2,550,075, Apr. 24.
Martin, William J. B., and E. L. Owen, Beaumont, and K. W. Brown, New Augusta, assignors of one-fourth to A. F. Pylant, Purvis, Miss. Wood peeling machine. 2,558,574, June 26.
Martin, William M., San Mateo, Calif., assignor to James Dole Engineering Co. Apparatus and method for preserving products in sealed containers. 2,549,216, Apr. 17.
Martin, William O., Fort Smith, Ark. Railroad brake slack adjuster. 2,559,779, July 10.
Martindale, John W.: *See*—
Hessney, George C., and Martindale.
Martindell, Frank, Western Springs, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Reciprocating feed device. 2,537,360, Jan. 9.
Martindell, Frank, Western Springs, assignor to Teletype Corporation, Chicago, Ill. Message numbering device. 2,545,207, Mar. 13.
Martinek, Anthony, assignee: *See*—
McKay, Herbert C.
Martinelli, Ciro C.: *See*—
Luck, David G. C., and Martinelli.
Martinelli, Ciro C., Princeton, N. J., assignor to Radio Corporation of America. Aircraft speed measuring system designed to avoid propeller modulation effects. 2,537,596, Jan. 9.
Martinelli, Ciro C., Princeton, N. J., assignor to Radio Corporation of America. System for measuring the closing rate of aircraft. 2,537,597, Jan. 9.
Martinet, Eugene F., assignor to The P. A. Geier Company, Cleveland, Ohio. Crystal grinder attachment for suction cleaners. 2,574,578, Nov. 13.
Martinet, Noël, assignor to Société des Papiers et Cartons Couchés "Lux," Fures, France. Method and apparatus for testing papers and the like. 2,568,199, Sept. 18.
Martinez, Clement, assignor, by mesne assignments, to International Standard Electric Corporation, New York, N. Y. Amplifier bias voltage power supply. 2,549,833, Apr. 24.
Martínez, Delio M., Habana, Cuba. Motor-driven rotary toothbrush. 2,562,805, July 31.
Martinez, Larry S., Trinidad, Colo. Exercising device. 2,550,841, May 1.
Martinez, Luis A. O., Caracas, Venezuela. Pattern-controlled wallboard engraving machine. 2,536,650, Jan. 2.
Martini, Ferruccio, assignor of one-half to J. Melnick, Bronx, N. Y. Umbrella. 2,546,228, Mar. 27.
Martini, Franz J., Ferndale, Mich. Spinning type fishing reel. 2,546,465, Mar. 27.
Martinsen, Nikolai, Palo Alto, Calif. Tilting bracket for containers. 2,539,094, Jan. 23.
Martinson, Edwin O., Milwaukee, Wis., assignor to The C. S. Johnson Company, Champaign, Ill. Ball construction. 2,541,261, Feb. 13.
Martinson, Edwin O., assignor to The C. S. Johnson Company, Champaign, Ill. Concrete mixing plant. 2,557,358, June 19.
Martinson, Edwin O., assignor to The C. S. Johnson Company, Champaign, Ill. Batcher control mechanism. 2,559,307, July 3.
Martinson, Edwin O., assignor to The C. S. Johnson Company, Champaign, Ill. Compensating weighing device. 2,559,308, July 3.
Martinson, Peter, Tacoma, Wash. Artificial lure and leader protector and holder. 2,559,780, July 10.
Martinto, Cesar O., assignor of one-half to R. Cogan, Buenos Aires, Argentina. Elastic wheel for vehicles. 2,553,419, May 15.
Martinuzzi, Bruno, assignee: *See*—
Brantingson, Sigurd.
Martiri, Roberto, Buenos Aires, Argentina. Self-gasifying heating equipment. 2,557,193, June 19.
Martiri, Roberto, Buenos Aires, Argentina. Generator for hydrocarbon burners. 2,580,113, Dec. 25.
Martling, Agnes H., assignee: *See*—
Martling, Merrifield G.
Martling, Merrifield G., U. S. Army, assignor by decree of distribution to A. H. Martling. Telescope optical system for stabilizing observed images. 2,564,704, Aug. 21.
Martois, Arthur E., Torrance, Calif. Multiple gas burner. 2,559,979, July 10.
Martois, Arthur E., Torrance, Calif. Pipe tongs. 2,573,212, Oct. 30.
Martonicz, Charles, Cleveland, Ohio. Invalid's chair. 2,544,850, Mar. 13.
Martt, Ernest C.: *See*—
Noel, Edward B., and Martt.
Marty, Maurice J., Paris, and G. H. Muller, Poissy, France. Spark plug. 2,576,469, Nov. 27.
Marty, Robert W.: *See*—
Gerlach, Charles L., and Marty.
Marus, Edward, North Bergen, N. J. Tile cutting device. 2,541,708, Feb. 13.

Marus, Edward, North Bergen, N. J. Tile cutting device. 2,568,816, Sept. 25.
Marvel Industries, Inc., assignee: *See*—
Wagner, Carl J., and Mack.
Marvel Jewelry Mfg. Company, assignee: *See*—
Kostka, Otto R.
Marvel Oil Treater, Inc., assignee: *See*—
Griffith, Ernest H.
Marven, Edgar L.: *See*—
Parmenter, Robert B., and Marven.
Marvey Specialty Company, Incorporated, assignee: *See*—
Brown, Merle M.
Marvin, Edgar S.: *See*—
Harvey, Douglass C., and Marvin.
Marvin, John T., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Making articles from metal powder. 2,561,583, July 24.
Marvin, John T., Dayton, and G. H. McFadden, Columbus, Ohio, assignors to General Motors Corporation, Detroit, Mich. Apparatus for frothing rubberlike material. 2,574,220, Nov. 6.
Marvin, Lillian J., Los Angeles, Calif. Hair curler. 2,558,305, June 26.
Marvin, Stanley, Oakland, and W. H. Orth, San Carlos; said Orth assignor, by mesne assignments, to Peerco Corporation, San Francisco, and said Marvin assignor, by mesne assignments, to Daco Metal Products, Oakland, Calif. Driving mechanism for walking beam conveyers. 2,580,114, Dec. 25.
Marvosh, Dan, Altadena, assignor to Murray-Lucy-Marvosh Company, Pasadena, Calif. Shape-forming apparatus. 2,543,184, Feb. 27.
Marx, André: *See*—
Berthier, Andre, Duma, and Marx.
Marx, Charles O., Brooklyn, N. Y. Portable cold beer dispenser. 2,541,709, Feb. 13.
Marx, Henry S., New York, N. Y. Clearance detector switch for motor trucks. 2,554,371, May 22.
Marx, Joseph P., Hartford, Wis. Muffler containing inner and outer end walls and longitudinal chamber. 2,573,474, Oct. 30.
Marx, Louis, & Company, Inc., assignee: *See*—
Rexford, Willis E., and Weidler.
Carver, Richard N.
Maryland Devices, Inc., assignee: *See*—
Samuels, Abe O.
Maryland Plastics, Inc., assignee: *See*—
Penrod, Allen M.
Marzan, Peter R., assignor to Times Facsimile Corporation, New York, N. Y. Facsimile recording apparatus. 2,546,466, Mar. 27.
Marzin, Pierre, and R. Sueur, Paris, France. Coaxial-cable carrier system. 2,550,198, Apr. 24.
Marzolf, Joseph M., Washington, D. C. Reverse current cutout relay system. 2,556,204, June 12.
Masabny, Anthony N., Allston, Mass. Safety razor. 2,546,928, Mar. 27.
Mascaro, Anthony, assignee: *See*—
Mascaro, Thomas C.
Mascaro, Thomas C., assignor of one-half to A. Mascaro, West Point, Pa. Turf penetrating machine and element therefor. 2,580,236, Dec. 25.
Maschinenfabrik Oerlikon, assignee: *See*—
Bally, Alfred.
Storsand, Bjarne.
Maschinenfabrik Ruegger & Co. A.-G., assignee: *See*—
Bopp, Theodor.
Maschinenfabrik Schweiter A. G., assignee: *See*—
Schweiter, Walter.
Mascuch, Joseph J., assignee: *See*—
Elderkin, James K., and Strassner.
Nardone, Romeo M.
Mascuch, Joseph J., Maplewood, and M. F. Peters, East Orange, N. J. Ignition control. 2,573,473, Oct. 30.
Mašek, Josef, assignor to Bata, Narodni Podnik, Zlin, Czechoslovakia. Vulcanization last. 2,569,725, Oct. 2.
Masek, Walter F., assignor to Multiscope, Inc., Coffeyville, Kans. Escalator. 2,545,740, Mar. 20.
Masek, Walter F., assignor to Multiscope, Inc., Coffeyville, Kans. Escalator hand rail. 2,545,741, Mar. 20.
Masek, Walter F., Richmond, Ind., assignor to Multiscope, Inc., Coffeyville, Kans. Handrail for moving stairways. 2,578,567, Dec. 11.
Masek, Walter F., and W. F. Richardon, assignors to Multiscope, Inc., Coffeyville, Kans. Escalator handrail. 2,578,566, Dec. 11.
Maser, Herman G., and E. P. Taubes, New York, N. Y., said Taubes, assignor to said Maser. Machine for viewing and photographing documents. 2,564,440, Aug. 14.
Masheck, Joseph A., Jamaica, N. Y. Applicator for an automobile wheel to a wheel drum. 2,555,698, June 5.
Masheris, Fred A., assignor to Dormeyer Corporation, Chicago, Ill. Food mixer indexing mechanism. 2,570,358, Oct. 9.
Mashinter, William H., Chicago, Ill. Fuel injector. 2,559,364, July 3.
Mashinter, William H., and M. R. Gilbert, Chicago, Ill.; said Gilbert assignor to said Mashinter. Spray nozzle. 2,555,803, June 5.
Masl, Augustine J., Philadelphia, Pa. Pen holding attachment for engraving machines. 2,557,447, June 19.
Masin, Jacob S., Anniston, and T. C. Allen, Oxford, Ala., assignors to Monsanto Chemical Company, St. Louis, Mo. Coated abrasive grains and coating the abrasive grains. 2,541,658, Feb. 13.
Masland, C. H., & Sons, assignee: *See*—
Carter, Robert E., and Hutchinson.
Smith, Paul S.
Maslin, Alice E., New York, N. Y. Child's garment. 2,569,569 Oct. 2.
Maslin, John A., Claymont, Del., assignor to Allied Chemical & Dye Corporation. Apparatus for filling and weighing containers. 2,548,611, Apr. 10.
Maso, Pedro A.: *See*—
Barceló, Daniel R., and Maso.
Mason, Charles R., Ballston Spa, N. Y., assignor to General Electric Company. Electrical regulator. 2,544,339, Mar. 6.
Mason, Donald E., Greensboro, N. C. Treating-material injection attachment for coke-igniting devices. 2,540,002, Jan. 30.
Mason, Ernest: *See*—
Swift, William, and Mason.
Mason, Fred H., and S. C. Schott, assignors to The Firestone Tire & Rubber Company, Akron, Ohio. Electronic vulcanization of sponge rubber to nonrubber articles. 2,563,478, Aug. 7.
Mason, George A., Pasadena, and W. B. Harris, Bell, Calif. Beverage mixer and dispenser. 2,564,852, Aug. 21.
Mason, George S., Long Beach, Calif. Lock-guarding plug for keyholes. 2,561,029, July 17.
Mason, Hubert L., Long Beach, assignor to Northrop Aircraft, Inc., Hawthorne, Calif. Artificial hand with articulated fingers and passively positioned thumb. 2,555,827, May 22.
Mason, James A.: *See*—
Oetzel, John G., and Mason.
Mason, James A., Beloit, Wis., assignor to Warner Electric Brake & Clutch Company, South Beloit, Ill. Friction brake cooling system. 2,549,217, Apr. 17.
Mason, James A., Beloit, Wis., assignor to Warner Electric Brake & Clutch Company. Magnetically controlled friction clutch. 2,578,715, Dec. 18.
Mason, James F., and F. H. Hesch, Glen Cove, N. Y., assignors to Reynolds Metals Company, Richmond, Va. Treatment of aluminum sheets. 2,538,317, Jan. 16.
Mason, Joe H., assignor to Continental Oil Company, Ponca City, Okla. Rail connector. 2,574,648, Nov. 13.
Mason, John E., and C. Eliason, assignors to The Stearns-Roger Manufacturing Company, Denver, Colo. Fluid treatment apparatus. 2,542,041, Feb. 20.
Mason, John P., Westwood, Mass., assignor to Armstrong Cork Company, Lancaster, Pa. Preparing low molecular weight isocyanates. 2,544,709, Mar. 13.
Mason, Laurence S., assignee: *See*—
Gragg, Henry.
Mason-Neilan Regulator Company, assignee: *See*—
Robins, John W.
Rockwell, Ralph A.
Mason, Samuel J., Boston, Mass., assignor, by mesne assignments, to the United States of America as represented by the Secretary of the Navy. Antenna reflector. 2,556,969, June 12.
Mason, Scott: *See*—
Ashley, Kenneth D., and Mason.
Mason, Thomas E.: *See*—
Bowers, Kenneth, and Mason.
Mason, Veyne V., Los Angeles, Calif. Engine oil filter. 2,549,698, Apr. 17.
Mason, Vincent I., Newton, assignor to Boston Manufacturing Co., Boston, Mass. Parking timer. 2,537,598, Jan. 9.
Mason, Warren P., West Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Thickness measurement. 2,531,114. Jan. 16.
Mason, Warren P., West Orange, and R. F. Wick, Morristown, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Mechanical impedance transformer. 2,573,168, Oct. 30.
Mason, William C., Slingerlands, N. Y. Electric switch. 2,543,119, Feb. 27.
Masonek, Harvey: *See*—
Samson, Joseph, and Masonek.
Masoner, William J., Chicago, Ill. Tank hanger. 2,579,240, Dec. 18.
Masonite Corporation, assignee: *See*—
Boehm, Robert M.
Evans, Raymond N., and Ingrassia.
Lesniak, Frank G.
Koonce, Wilbur E.
Koonce, Wilbur E., and Story.
Story, Charles F.
Maspero, Louis C., Dorchester, Mass. Submarine stabilizer. 2,555,357, June 5.
Mass, Jesse J.: *See*—
Golick, Alexander J., and Mass.
Massa, Frank, Cleveland Heights, assignor to The Brush Development Company, Cleveland, Ohio. Testing instrument for acoustic devices. 2,546,313, Mar. 27.
Massare, Quido P., Mansfield, Ohio, and H. E. Edwards, deceased, late of Mansfield, Ohio, by J. F. Edwards, executrix, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Multiple-speed gear mechanism. 2,578,893, Dec. 18.

Massari, Frank, Tampa, Fla. Pouring attachment for containers. 2,558,575, June 26.
Massecar, Aubrey W., Huntington Park, Calif., assignor, by mesne assignments, to C. E. Doolin. Griddlecake machine. 2,571,373, Oct. 16.
Massey, B. & S. Limited, assignee: *See*—
Foster, John.
Massey, George F., Fond du Lac, Wis. Babcock test mixer. 2,539,851, Jan. 30.
Massey-Harris Company, The, assignee: *See*—
Everett, Charles E.
Todd, Everett W.
Massey-Harris Co. Ltd., assignee: *See*—
Ego, George R.
Johnston, Howard M.
Knight, Lorne F., and Pitt.
Massey, Robert A., New York, N. Y. Overhead-suspended car for race tracks. 2,547,715, Apr. 3.
Massey, William B., Richmond, Va. Device for filling cartons. 2,537,361, Jan. 9.
Masshard, John H.: *See*—
Ostertag, Harry M., and Masshard.
Massie, George M., assignor to Harrison & Morton Laboratories, Inc., Cuyahoga Falls, Ohio. Vulcanization controlling process. 2,561,524, July 24.
Massino, Joseph, Berwick, Pa. Fishing signal. 2,538,788, Jan. 23.
Massino, Joseph, Berwick, Pa. Fishing signal. 2,567,777, Sept. 11.
Massiot, Louis, assignor to Compagnie Francaise de Raffinage (Societe Anonyme), Paris, France. Apparatus for carrying out an exothermic reaction at substantially constant temperature. 2,537,472, Jan. 9.
Masson Scott & Company Limited, assignee: *See*—
Battersby, James E.
Massonneau, Robert F.: *See*—
Bascom, Henry M., Massonneau, Ostendorf, and Rea.
Massucci, Fiore, Waterbury, Conn. Adjustable oil jug stand. 2,570,359, Oct. 9.
Mast, Gifford M.: *See*—
Gannett, Wright K., and Mast.
Mast, Gifford M., and W. K. Gannett, Davenport, Iowa, assignors to Keystone View Company, Meadville, Pa. Stand. 2,557,608, June 19.
Mast, Lowell R., East Rochester, and W. T. Craig, Pittsford, assignors to Electromode Corporation, Rochester, N. Y. Controlled electric heater. 2,578,819, Dec. 18.
Master Electric Company, The, assignee: *See*—
Darnell, Victor L.
Master Lock Company, assignee: *See*—
Soref, Harry E.
Soref, Harry E., and Foote.
Mastercraft Foundations, Inc., assignee: *See*—
Niedermann, Fred.
Masters, Edwin L., Benton Harbor, Mich. Plant setter. 2,555,855, June 5.
Masters, Robert W., Erlton, N. J., assignor to Radio Corporation of America. Transmission line system. 2,570,579, Oct. 9.
Masters, Robert W., Erlton, N. J., assignor to Radio Corporation of America. Wide band feed through stub. 2,579,152, Dec. 18.
Masterson, Earl E., Palmyra, N. J., assignor to Radio Corporation of America. Mass production method of, and apparatus for, making reelable magnetic phonograph records. 2,560,234, July 10.
Masterson, Earl E., Palmyra, N. J., assignor to Radio Corporation of America. Magnetic phonograph pickup. 2,560,358, July 10.
Masterson, Earl E., Palmyra, N. J., assignor to Radio Corporation of America. Sliding carriage pickup assembly. 2,566,091, Aug. 28.
Masterson, Joseph J., and M. Thomas, Los Angeles, Calif. Lamp and reflector holder. 2,539,746, Jan. 30.
Masterson, Joseph T., Clare, Ill. Lawn mower sharpening machine. 2,554,676, May 29.
Masterson, Wilbur L., Bay Shore, N. Y. Land, sea and air plane. 2,563,731, Aug. 7.
Mastin, Irene, Chicago, Ill. Container. 2,574,927, Nov. 13.
Mastin, Robert G., Okmulgee, assignor to Cities Service Oil Company, Bartlesville, Okla. Lubricants for steam turbines. 2,566,289, Aug. 28.
Mastney, Edward J.: *See*—
Albrecht, Albert W., Mastney, and Ten Cate.
Mastrangelo, Bianca: *See*—
Mastrangelo, Faustina, and B.
Mastrangelo, Faustina, and B., Fitchburg, Mass. Storm door and window hardware. 2,569,941, Oct. 2.
Mastriani, Elvin A., Cedar Grove, N. J., and K. Kulczycki, Brooklyn, N. Y., assignors, by mesne assigments, to Steel and Alloy Tank Company, Newark, N. J. Parallel motion. 2,575,456, Nov. 20.
Mastrillo, Joseph, Trenton, N. J. Shaper for trousers. 2,573,979, Nov. 6.
Masure, Ramona D., Jacksonville, Fla. Narcotic dispenser. 2,577,344, Dec. 4.
Mataré, Herbert F., Vaucresson, assignor to Societe Anonyme dite Compagnie des Freins & Signaux Westinghouse, Paris, France. Attenuator for very high frequency waves. 2,548,116, Apr. 10.
Mataré, Hérbert F., Vaucresson, assignor to Societe Anonyme dite: Compagnie des Freins et Signaux Westinghouse, Paris, France. Push-pull converter of the crystal type for ultra-short waves. 2,552,052, May 8.
Mataré, Herbert F., Vaucresson, and A. Poilleaux, Livry-Gargan, assignors to Societe Anonyme dite: Compagnie des Freins & Signaux Westinghouse, Paris, France. Crystal diodes and joint contact device. 2,569,570. Oct. 2.
Matchett, John C., Ferndale, Mich., assignor to M. F. Umstead. Attachment for ice skates. 2,536,382, Jan. 2.
Matchett, Mahlon M., Detroit, Mich., assignor, by mesne assignments, to McKee Door Company, Aurora, Ill. Door operating mechanism. 2,540,538, Feb. 6.
Matchett, Mahlon M., Detroit, Mich., assignor, by mesne assignments, to McKee Door Company, Aurora, Ill. Door operating mechanism. 2,580,311, Dec. 25.
Matcovich, John J., Jackson Heights, N. Y. Ship's log. 2,539,788, Jan. 30.
Mateer, George D., Ardmore, Pa. Fire alarm. 2,575,883, Nov. 20.
Matejicka, Joseph, assignee: *See*—
Powasnick, George.
Mater, Peter L., Leominster, Mass. Comb. 2,546,696, Mar. 27.
Materese, Vincent: *See*—
Jarrett, John W., and Materese.
Materials Handling Laboratories, Inc., assignee: *See*—
Moffat, Alexander W., and Whitney.
Materka, John S.: *See*—
Simpkins, Robert L., Materka, and Elliott.
Matheny, William F., assignor to Arrow Industrial Manufacturing Company, Tulsa, Okla. Tie bar for heat exchange headers. 2,559,256, July 3.
Mather, Irwin E., assignor to Stewart-Warner Corporation, Chicago, Ill. Pressure gauge. 2,563,732, Aug. 7.
Mather, Jacob L., and T. B. Robb, Louisville, Ky. Die and tap holder. 2,541,262, Feb. 13.
Mather & Platt Limited, assignee: *See*—
Mather, Roy C.
Mather, Roy C., assignor to Mather & Platt Limited, Manchester, England. Cloth stentering machine. 2,574,928, Nov. 13.
Mathes, Frank D., Jr., and W. J. Cerny, Los Angeles, assignors to Northrop Aircraft, Inc., Hawthorne, Calif. Aircraft balance indicator. 2,541,429, Feb. 13.
Mathes, Robert C., Maplewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signal wave analyzer for deriving pitch information. 2,562,109, July 24.
Mathes, Robert C., Maplewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Voice-operated signaling system. 2,575,910, Nov. 20.
Matheson, Arthur M.: *See*—
Burnham, Robert R., Anderson, and Matheson.
Matheson, George L., Union, N. J., assignor to Standard Oil Development Company. Fluidized catalyst apparatus. 2,537,685, Jan. 9.
Matheson, George L., Union, N. J., assignor to Standard Oil Development Company. Segregation of solid particles. 2,561,396, July 24.
Mathews, George W.: *See*—
Baker, Chester A., and Mathews.
Mathews, S. J., Jr., Gainesville, V. C. H. Richardson, Bellaire, S. P. Hurley, Pasadena, and C. R. Reglin, La Porte, Tex. Combination rotary table and hydraulically operated slips. 2,564,119, Aug. 14.
Mathews, Sam D., Houston, Tex. Copyholder. 2,559,082, July 3.
Mathewson Machine Works, Inc., assignee: *See*—
Mathewson, Wilfred F.
Mathewson, Maxwell I., assignor to Brown and Sharpe Manufacturing Company, Providence, R. I. Machine tool support assembly. 2,575,823, Nov. 20.
Mathewson, Wilfred F., Boston, assignor to Mathewson Machine Works, Inc., Quincy, Mass. Pulp screen. 2,574,977, Nov. 13.
Mathey, Alcide E., Allston, assignor to Scully Signal Company, East Cambridge, Mass. Insertable vent pipe. 2,548,734, Apr. 10.
Mathieson Chemical Corporation, assignee: *See*—
Bandel, David.
Dole, Francis H.
Dubeau, Archie L.
Erickson, Edwin R.
MacMahon, James D.
Schaeffer, Benjamin B.
Swearingen, Judson S.
Taylor, Lorenzo D.
Woodward, Eric R.
Mathieu, Adelin A., Ensival, assignor to Imperia, Societe Anonyme, Nessonvaux-lez-Liege, Belgium. Worktable for grinding and similar machines. 2,539,311, Jan. 23.
Mathieu, Adelin A., Ensival, Belgium, assignor to Imperia. Machine for sharpening tools, especially those of tungsten-carbide. 2,548,386, Apr. 10.
Mathieu, Harry J., assignor to M. S. Freitas, Oakland, Calif. Sinker release for fishing tackle. 2,562,054, July 24.
Mathieu, Joseph, Montreal, Quebec, Canada. Method and apparatus for opening and reflanging cans. 2,556,766, June 12.
Mathieu, Pierre J., Rambouillet, France. Belt transmission driven on a grooved pulley. 2,554,372, May 22.

Mathieu, Yves, Rio de Janeiro, Brazil. Elastic joint for tubes. 2,543,185, Feb. 27.

Mathis, Waddy T., Hamden, Conn. Resilient bulb controlled liquid-measuring dispenser. 2,538,695, Jan. 16.

Mathisen, Anders, assignor to Graviner Manufacturing Company Limited, London, England. Fire preventing or extinguishing apparatus for aircraft. 2,551,752, May 8.

Mathisen, Anders, assignor to Graviner Manufacturing Company Limited, Isleworth, Middlesex, England. Explosive device for use in fire fighting equipment systems and the like. 2,557,448, June 19.

Mathisen, Anders, Isleworth, assignor to Graviner Manufacturing Company Limited, Osterley, Isleworth, Middlesex, England. Fire preventing means for power plants, particularly on aircraft. 2,566,235, Aug. 28.

Mathisen, Anders, St. James, London, and H. B. Randolph, Pall Mall, London, assignors of one-fourth to Graviner Manufacturing Company Limited and one-fourth to The Wilkinson Sword Company Limited, London, England. Stoppering and opening containers. 2,562,110, July 24.

Mathot, Jacques: *See*—
Coutant, André, and Mathot.

Mathy, Eugene V., and C. J. Helmers, Bartlesville, Okla., assignors to Phillips Petroleum Company. Catalytic oil cracking. 2,564,268, Aug. 14.

Matica, Stephen W., Bridgeport, Conn. Pipe threader and cutting device. 2,549,381, Apr. 17.

Matner, Vincent E., F. B. Newell, and D. W. Shepardson, assignors to Taylor Instrument Companies, Rochester, N. Y. Remote indicating system and transmitter for use therein. 2,536,198, Jan. 2.

Matson, Charles I., Chicago, Ill. Watch bracelet. 2,542,284, Feb. 20.

Matson, Finis F., Butte, Mont. Truck loader. 2,560,463, July 10.

Matson, Raymond N., assignee: *See*—
Gaffield, Eli W.

Matson, Raymond N., Silver Spring, Md. Rebound angle indicator for billiard tables. 2,537,228, Jan. 9.

Matson, William N., and H. A. Mayor, Fitchburg, Mass., assignors to General Electric Company. Combination balanced shutoff and throttling valve assembly. 2,561,214, July 17.

Mattare, Mark A., Arlington, Va., assignor to the United States of America as represented by the Secretary of the Interior. Dividing machine. 2,553,600, May 22.

Matter, Nathan A., Morristown, N. J. Wall receptacle. 2,576,303, Nov. 27.

Matter, Peter A., Millersburg, Pa., assignor to United Shoe Machinery Corporation, Flemington, N. J. Work grooving knife for shoe sole sewing machines. 2,572,170, Oct. 23.

Mattern, Raymond P., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Mercury switch. 2,575,318, Nov. 13.

Matteson, Elwin A., and W. P. Donald, assignors to The Aetna-Standard Engineering Company, Youngstown, Ohio. Coil handling apparatus. 2,567,819, Sept. 11.

Matteson, George A., Jr., Providence, R. I., assignor to Metals and Controls Corporation, Attleboro, Mass. Electrical contact. 2,568,242, Sept. 18.

Matteson, Harold J., assignor to General Controls Co., Glendale, Calif. Refrigerant control system. 2,572,501, Oct. 23.

Matteucci, Luigi, assignor to S. A. Officine Meccaniche F. lli Daldi & Matteucci, Milan, Italy. Locking device for caliper or wrench-like gauges. 2,538,973, Jan. 23.

Matthes, Herbert E., St. Paul, Minn. Fishhook. 2,570,468, Oct. 9.

Matthew, William P.: *See*—
Rice, Richard E., and Matthew.

Matthews, Charles S., and L. L. Copley, Durham, N. C. Nursing bottle for babies. 2,544,464, Mar. 6.

Matthews, Fredrick A., Van Nuys, Calif. Folding landing net. 2,579,748, Dec. 25.

Matthews, George A., Detroit, Mich. Protective device for electrical power transmission systems. 2,549,497, Apr. 17.

Matthews, Jas. H., & Co., assignee: *See*—
Devon, Harry J.

Matthews, Louis L., assignor to Maxson Automatic Machinery Company, Westerly, R. I. Feeding and stacking method and machine. 2,576,956, Dec. 4.

Matthews, Richard F., Huntington Park, Calif. Lipstick holder. 2,559,889, July 10.

Matthews, Russell, Wauwatosa, assignor to Milwaukee Gas Specialty Company, Milwaukee, Wis. Thermoelectric burner control system. 2,578,194, Dec. 11.

Matthews, W. N., Corporation, assignee: *See*—
Pollock, John A., and Turner.
Sander, Vernon A.

Matthews, William O., assignee: *See*—
Oliver, Paul M.

Matthias, Eugen, Zurich, and A. Utiger, Lucerne, Switzerland. Pedal on a crank drive, especially for bicycles. 2,542,548, Feb. 20.

Matthias, Lynn H., Fox Point, assignor to Allen-Bradley Company, Milwaukee, Wis. Arc interrupter for electric switches. 2,575,060, Nov. 13.

Matthiesen, George H., Chicago, Ill. Clasp-type closure for envelopes. 2,555,983, June 5.

Matthiesen, Peter C., Nordborg, Denmark. Thermostatic regulator valve. 2,543,978, Mar. 6.

Matthysse, Irving F., New York, N. Y., assignor to Burndy Engineering Company, Inc. Angularly adjustable wire to bar connector. 2,576,527, Nov. 27.

Matthysse, Irving F., New York, N. Y., assignor to Burndy Engineering Company, Inc. Connector with hard particle lining. 2,576,528, Nov. 27.

Mattikow, Morris, New York, N. Y. Refining of animal and vegetable oils. 2,576,957, Dec. 4.

Mattikow, Morris, New York, N. Y. Refining of animal and vegetable oils. 2,576,958, Dec. 4.

Mattingly, Charles F., Houston, Tex. Insect trap. 2,565,142, Aug. 21.

Mattix, Emory D., and C. W. Stokes, Lake Charles, La. Flow control valve. 2,546,673, Mar. 27.

Mattix, Emory D., and C. W. Stokes, assignors to Cities Service Refining Corporation, Lake Charles, La. Unloading system for volatile liquids. 2,579,200, Dec. 18.

Mattmann, Frank F., North Bergen, N. J. Self-cleaning rake. 2,545,001, Mar. 13.

Mattocks, Albert M., Cleveland, Ohio, assignor to Bristol Laboratories, Inc., Syracuse, N. Y. Basic ethers of xylenols. 2,567,778, Sept. 11.

Mattocks, Elmer O.: *See*—
Benz, George R., and Mattocks.

Mattoon, Deo R., assignor to Corning Glass Works, Corning, N. Y. Handle assembly. 2,537,362, Jan. 9.

Mattox, Elmer G., assignee: *See*—
Mattox, Gaither.

Mattox, Gaither, Nashville, assignor of one-third to E. G. Mattox, Gallatin, Tenn., and one-third to W. E. Mattox, Indianapolis, Ind. Thermoelectric furnace. 2,543,583, Feb. 27.

Mattox, William E., assignee: *See*—
Mattox, Gaither.

Mattson, Paul W.: *See*—
Klammer, William C., Schneider, Lester, and Mattson.

Mattson, Raymond W., Long Beach, assignor to Union Oil Company of California, Los Angeles, Calif. Anticorrosive lubricating oil composition. 2,543,325, Feb. 27.

Matulaitis, Victor E., Detroit, Mich., assignor to Eaton Manufacturing Company, Cleveland, Ohio. Air distributing duct. 2,544,465, Mar. 6.

Matulaitis, Victor E., Detroit, Mich., assignor to Eaton Manufacturing Company, Cleveland, Ohio. Heater. 2,552,337, May 8.

Maturi, Vincent F.: *See*—
Irany, Ernest P., Skeist, and Maturi.

Matuszak, Alfred H., Westfield, N. J., assignor to Standard Oil Development Company. Lubricating oil additives. 2,563,609, Aug. 7.

Matuszak, Alfred H., Jersey City, and J. W. Hand, Jr., Summit, N. J., assignors to Standard Oil Development Company. Rust inhibiting composition. 2,580,036, Dec. 25.

Matuszak, Maryan P., Bartlesville, Okla., assignor to Phillips Petroleum Company. Producing a low odor naphtha. 2,544,559, Mar. 6.

Matuzas, Anthony J.: *See*—
Graesser, David A., and Matuzas.

Matyi, Anna, assignee: *See*—
Balázs, George.

Mau, Clayton C., Geneseo, N. Y. Animal trap. 2,564,811, Aug. 21.

Mau, George A., Lakewood, Ohio, assignor to The Johnson-March Corporation, New York, N. Y. Proportioning device. 2,553,977, May 22.

Mauch, Fred A., San Francisco, assignor of one-half to L. F. Johnson, Redwood City, and one-half to R. Mayne, Monterey, Calif. Combination switch and starter for fluorescent lights. 2,555,092, May 29.

Mauch, Hans A.: *See*—
Henschke, Ulrich K., and Mauch.

Mauchly, John W., Philadelphia, and J. P. Eckert, Jr., Mount Airy, assignors to Eckert-Mauchly Computer Corporation, Philadelphia, Pa. Data translating apparatus. 2,577,141, Dec. 4.

Maud, Fred: *See*—
Hess, Frederic O., and Maud.

Maud, Orman H., Albany, N. Y. Sugar sifting and dispensing attachment for containers. 2,565,774, Aug. 28.

Maude, Aylmer H.: *See*—
Wojcik, Bruno H., and Maude.

Maude, Aylmer H., assignor to Hooker Electrochemical Company, Niagara Falls, N. Y. Safety device. 2,554,496, May 29.

Mauerer, Leopold, Chicago, assignor to Jefferson Electric Company, Bellwood, Ill. Lighting system embodying two or more arc discharge devices and ballast therefor. 2,568,553, Sept. 18.

Mauffre, Marcel, assignor to La Cellophane, Paris, France. Drier for printed webs. 2,578,633, Dec. 11.

Mauge, Marcel R.: *See*—
Henquet, Andre J., and Mauge.

Mauge, Roger M.: *See*—
Henquet, Andre J., and Mauge.

Maui Pineapple Company, Limited, assignee: *See*—
Bainbridge, Marvin, Tuttle, Baldwin, and Sheffield.

Maulbetsch, John L.: *See*—
McCarthy, Thomas O., and Maulbetsch.

Maull, Perry E., Ridley Park, Pa. Clothespin. 2,572,643, Oct. 23.

Maunu, Leonard M., assignee: *See*—
Wussow, William.
Mauny, Gerard: *See*—
Salmon-Legagneur, Pierre, and Mauny.
Maupin, Lillian F., Canadian, Tex. Yarn doll cap. 2,579,945, Dec. 25.
Mauraton, Louis, Bouches du Rhone, France. Hinge. 2,542,340, Feb. 20.
Maurer, Frank W., Newton Highlands, and J. B. Hirschmann, Fairhaven, Mass., assignors, by mesne assignments, to said J. B. Hirschmann. Filter for goggles and the like. 2,573,722, Nov. 6.
Maurer, Ing. A., S. A., assignee: *See*—
Nikles, Paul.
Maurer, J. A., Inc., assignee: *See*—
Maurer, John A., Jr.
Offner, Abe.
Maurer, John A., Jr., assignor to J. A. Maurer, Inc., New York, N. Y. Impulse recording optical system. 2,540,626, Feb. 6.
Maurer, Paul H., Owosso, Mich., assignor, by mesne assignments, to National Pneumatic Co., Inc., Boston, Mass. Door operation and control. 2,578,894, Dec. 18.
Maurer, Siegfried, Chicago, Ill. Device for canning. 2,538,115, Jan. 16.
Maurer, Spencer B., Cleveland, Ohio, assignor to Chicago Pneumatic Tool Company, New York, N. Y. Impact wrench torque control. 2,543,979, Mar. 6.
Maurer, William D., Trafford, and E. L. Wolfe, Pittsburgh, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Steam heating apparatus. 2,558,097, June 26.
Mauriell, Ralph, Sr., Little Silver, N. J. Aerauto parking system. 2,560,393, July 10.
Mauss, Hans: *See*—
Andersag, Hans, and Mauss.
Maussnest, Frederick K., assignor to Hedwig Maust, Queens Village, N. Y. Underdrive punch press. 2,544,540, Mar. 6.
Maussnest, Frederick K., assignor to Hedwig Maust, Queens Village, N. Y. Braking system for intermittent feed apparatus. 2,547,828, Apr. 3.
Maust, Hedwig, assignee: *See*—
Maussnest, Frederick K.
Mautner, Leonard P.: *See*—
Dean, Walter N., and Mautner.
Mautner, Steven E., assignor to Skydyne, Inc., Port Jervis, N. Y. Chest or the like. 2,578,644, Dec. 11.
Maves, Emil W., assignor of one-half to A. R. Heagle, Stanley, Wis. Railroad tie remover. 2,571,914, Oct. 16.
Mavity, Julian M., Hinsdale, assignor to Universal Oil Products Company, Chicago, Ill. Separation process. 2,564,911, Aug. 21.
Mavity, Julian M., Hinsdale, assignor to Universal Oil Products Company, Chicago, Ill. Preparation of phosphoric acid catalyst on a precalcined silico-phosphoric acid base. 2,575,457, Nov. 20.
Mavor & Coulson, Limited, assignee: *See*—
Anderson, John, and Fraser.
Mavor, John B.
Sproul, John C.
Thomson, James.
Vogel, Walter.
Mavor, John B., assignor to Mavor & Coulson, Limited, Glasgow, Scotland. Mining machine. 2,539,962, Jan. 30.
Mavrakis, Gus H., Billings, Mont. Fishing creel or basket. 2,538,576, Jan. 16.
Maw, Harold J.: *See*—
Smith, Ellis, Naylor, and Maw.
Mawbey, Lawrence: *See*—
Elliott, Harold E., and Mawbey.
Max, Sidney, assignee: *See*—
Peck, Henry P.
Maxam, Allen B., and J. R. Toothaker, Burbank, Calif. Model airplane wheel. 2,540,034, Jan. 30.
Maxant, William T., Ayer, Mass. Stop motion mechanism for button sewing machines. 2,563,854, Aug. 14.
Max-Claudet, Aymon F., Orly, assignor to Societe des Usines Chimiques Rhone-Poulenc, Paris, France. Producing glossy coatings on earthenware and metal. 2,554,373, May 22.
Maxe, Gustav: *See*—
Hien, Albert, and Maxe.
Maxeiner, Elmer F., St. Louis, Mo. Collapsible roof crane. 2,569,821, Oct. 2.
Maxey, Edwin M., Akron, and C. P. Krupp, Cuyahoga Falls, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y. Heat sealable vulcanized film and making same. 2,570,829, Oct. 9.
Maxian, John, Jr.: *See*—
Gagnier, Charles E., and Maxian.
Maxim, Oren B., assignor to Scovill Manufacturing Company, Waterbury, Conn. Closed type burr. 2,574,436, Nov. 6.
Maxim, Oren B., and R. M. Peabody, assignors to Scovill Manufacturing Company, Waterbury, Conn. Burr. 2,574,435, Nov. 6.
Maxim Silencer Company, The, assignee: *See*—
Bourne, Roland B., and Chase.
Maxon, Glenway, Jr., Milwaukee, Wis. Hinged tubular joint. 2,578,364, Dec. 11.
Maxon, Ira D.: *See*—
Sklovsky, Max, and Maxon
Maxon, Karl E., Los Angeles, Calif. Carton construction. 2,565,182, Aug. 21.
Maxson, W. L., Corporation, The, assignee: *See*—
Lauder, Wallace A.
Lund, Philip A.
Maxwell Brothers Inc., assignee: *See*—
Lemon, Robert C.
Maxwell, Carl A., Akron, Ohio, assignor to The Babcock & Wilcox Company, Rockleigh, N. J. Forming an expanded tube and tube seat connection with an intervening metallic bonding stratum of low fusion temperature. 2,545,527, Mar. 20.
Maxwell, Carl R.: *See*—
Rosen, Carl G. A., Maxwell, Paul, and Furstoss.
Maxwell, Carl R., Washington, and R. V. Larson, Morton, Ill., assignors to Caterpillar Tractor Co., San Leandro, Calif. Thrust bearing. 2,558,262, June 26.
Maxwell, Charles S.: *See*—
Wilson, Lucius H., Landes, and Maxwell.
Maxwell, Charles S., Old Greenwich, and C. G. Landes, New Canaan, Conn., assignors to American Cyanamid Company, New York, N. Y. Manufacture of cellulose products of improved wet strength. 2,559,220, July 3.
Maxwell, Charles S., Old Greenwich, and C. G. Landes, New Canaan, Conn., assignors to American Cyanamid Company, New York, N. Y. Manufacture of wet strength paper. 2,559,221, July 3.
Maxwell, Donald E., New Canaan, Conn., assignor to General Electric Company. Volume controlling amplifier. 2,544,340, Mar. 6.
Maxwell, Donald E., New Canaan, Conn., assignors to General Electric Company. Cathode-ray image presentation system 2,570,139, Oct. 2.
Maxwell, John, Elizabeth, N. J. Portable lamp with reflector and guard. 2,569,068, Sept. 25.
Maxwell, John, Elizabeth, N. J. Locating tool. 2,572,502, Oct. 23.
Maxwell, John D., Glen Head, assignor to Powers Photo Engraving Company, Glen Cove, N. Y. Photographic copy board. 2,545,964, Mar. 20.
Maxwell, John D., Glen Head, assignor to Powers Photoengraving Company, Glen Cove, N. Y. Photographic copyboard. 2,554,712, May 29.
Maxwell, John D., Glen Head, assignor to Powers Photo Engraving Company, Glen Cove, N. Y. Darkroom camera. 2,567,293, Sept. 11.
Maxwell, John D., Glen Head, assignor to Powers Photo Engraving Company, Glen Cove, N. Y. Contact screen halftone camera. 2,568,505, Sept. 18.
Maxwell, Leoma B., Avon Park, Fla. Multiple fruit peeler and shredder. 2,574,794, Nov. 13.
Maxwell, Vera H., New York, N. Y. Baby carrier. 2,543,340, May 22.
Maxwell, William A.: *See*—
Wright, John G., Toney, Watkins, Sudan, and Maxwell.
May, Bertram, New York, N. Y. Sectional perforating die. 2,568,863, Sept. 25.
May, Cecil E., Sierra Madre, Calif. Spherical rotary conveyer type trap chamber dispenser. 2,575,967, Nov. 20.
May, Ellwood H., Rockford, Ill., assignor to Engineering Manufacturing Co., Sheboygan, Wis. Drafting assembly or kit. 2,543,664, Feb. 27.
May, Elwood T., Shreveport, La. Fish stringer. 2,547,335, Apr. 3.
May, Francis W., London, England, assignor to International Standard Electric Corporation, New York, N. Y. Electrical contact spring assembly. 2,543,036, Feb. 27.
May, Frederick T.: *See*—
Cooper, Grover, Reussner, and May.
May, Garnett, Lexington, Ky. Front end assembly for tractors. 2,573,040, Oct. 30.
May, Geoffrey B., and J. W. Fisher, Spondon, near Derby, England, assignors to Celanese Corporation of America. 1,4-bis-(3-aminopropoxy)-cyclohexane. 2,576,959, Dec. 4.
May, Geoffrey B., and J. W. Fisher, Spondon, near Derby, England. Production of polyamides of high molecular weight utilizing 1:4-bis(3-aminopropoxy)-cyclohexane. 2,577,621, Dec. 4.
May, George A., Lebanon, Pa. Pulley. 2,548,387, Apr. 10.
May, Harold F., Valley Stream, assignor to The Teleregister Corporation, New York, N. Y. Electrical and cyclical data posting system. 2,564,403, Aug. 14.
May, Harry C., East McKeesport, and E. E. Hewitt, Pittsburgh, assignors to The Westinghouse Air Brake Company, Wilmerding, Pa. Gas turbine plant. 2,558,866, July 3.
May, Harry C., East McKeesport, and E. E. Hewitt, Pittsburgh, assignors to The Westinghouse Air Brake Company, Wilmerding, Pa. Door operating mechanism. 2,558,867, July 3.
May, Harry C., East McKeesport, and E. E. Hewitt, Edgewood, Pa., assignors to Westinghouse Air Brake Company. Fuel flow control responsive to turbine inlet temperature and speed for coal burning gas turbines. 2,568,127, Sept. 18.
May, Horace D., Clovis, N. Mex. Stripper type cotton harvester. 2,560,974, July 17.
May, Hugh V. H., Stratford, London, England. Hollow ware article. 2,548,035, Apr. 10.

May, Kenneth R., Cannonore, South India, assignor to the Minister of Supply in His Majesty's Government of the United Kingdom of Great Britain and Northern Ireland, London, England. Apparatus for sampling particulate clouds. 2,538,116, Jan. 16.

May, Madeline, Chicago, Ill., assignor to J. Watson, Appleton, Wis. Anticipating control. 2,573,041, Oct. 30.

May, Mike, assignee: *See*—
Dixon, Fate A.

May, Ned, assignee: *See*—
Dixon, Fate A.

May, Omer W., Georgetown, Ky. Strainer cleaner. 2,576,470, Nov. 27.

May, Paul D., Galveston, L. M. Adams and R. J. Lee, La Marque, assignors to Pan American Refining Corporation, Texas City, Tex. Decolorization of polyolefinic hydrocarbon drying oils. 2,559,083, July 3.

May, Richard W., Cedar Rapids, Iowa, assignor to Collins Radio Company. Shaft positioning apparatus. 2,536,070. Jan. 2.

May, Robert L., Chicago, Ill., assignor to Sinclair Refining Company, New York, N. Y. Lubricant composition. 2,538,696, Jan. 16.

May, Thomas L., assignor to Reliance Hydraulic Press, Inc., New York, N. Y. Control for presses. 2,559,195, July 3.

May, Thomas T.: *See*—
Jeffrey, John, and May.

May, William F., Chappaqua, N. Y., and R. E. J. Nordquist, Maplewood, N. J., assignors to American Can Company, New York, N. Y. Conveyer with sheet supporting and antipinching devices. 2,561,397, July 24.

May, William J., Spokane, Wash. Golf club carrier. 2,538,374, Jan. 16.

Mayberry, C. R.: *See*—
Mayberry, William H., and C. R.

Mayberry, Leonard A., Wheaton, Ill., assignor to The Hallicrafters Co. Superregenerative radio apparatus. 2,561,128, July 17.

Mayberry, Milo G., Pittsburgh, Pa., assignor to Fanny Farmer Candy Shops, Inc., Rochester, N. Y. Stabilized chocolate material and making the same. 2,539,518, Jan. 30.

Mayberry, William H., and C. R., Kennett, Mo. Cotton chopper. 2,578,365, Dec. 11.

Maybert, Edward F., Cumberland, Md. Transfusion apparatus. 2,551,617, May 8.

Maycock, Russel L., Oakland, and C. L. Dunn, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Producing and refining ethyl alcohol. 2,575,556, Nov. 20.

Maydew, Aubrey F., Santa Maria, Calif. Combination drag and rotary drilling bit. 2,557,302, June 19.

Mayer, Albert C., St. Louis, Mo., and J. J. Blackmore, Edwardsville, Ill. Gas-liquid separator. 2,578,568, Dec. 11.

Mayer, Bruno: *See*—
Dunn, Holbert E., Wallace, and Mayer.

Mayer, Carl G., and O. E. Seiferth, Madison, Wis., assignors to Oscar Mayer & Co., Inc., Chicago, Ill. Sliced bacon package. 2,565,976, Aug. 28.

Mayer, Charles F., Chicago, Ill. Catchall for children's high chairs. 2,540,685, Feb. 6.

Mayer, Charles M., assignor to The Tappan Stove Company, Mansfield, Ohio. Venting means for cooking ranges. 2,540,627, Feb. 6.

Mayer, Charles M., assignor to The Tappan Stove Company, Mansfield, Ohio. Oven control. 2,562,536, July 31.

Mayer, Charles M., assignor to The Tappan Stove Company, Mansfield, Ohio. Burner grate. 2,571,741, Oct. 16.

Mayer, Charles M., assignor to The Tappan Stove Company, Mansfield, Ohio. Oven burner ignition and control. 2,578,718, Dec. 18.

Mayer, Charles M., and J. M. Hoff, assignors to The Tappan Stove Company, Mansfield, Ohio. Gas burner control mechanism. 2,577,787, Dec. 11.

Mayer, Charles M., and J. M. Hoff, assignors to The Tappan Stove Company, Mansfield, Ohio. Burner control mechanism. 2,578,717, Dec. 18.

Mayer, Elinor H., assignee: *See*—
Hayden, David H.

Mayer, Elmer L.: *See*—
Woodward, Charles F., and Mayer.

Mayer, Eugene, Strasbourg, France. Apparatus for leveling or straightening metal sheets. 2,578,820, Dec. 18.

Mayer, Fred H., Portland, Oreg. Volatile fumigant pad. 2,542,341, Feb. 20.

Mayer, Hans: *See*—
Riat, Henri, and Mayer.

Mayer, Harry, Chicago, Ill., assignor to Streeter-Amet Company. Track scale. 2,543,794, Mar. 6.

Mayer, Ivan: *See*—
Martin, Homer Z., Mayer, and Tyson.
Spears, Harry E., and Mayer.

Mayer, Ivan, Summit, N. J., assignor to Standard Oil Development Company. Hydrocarbon synthesis with catalyst reconditioning. 2,562,806, July 31.

Mayer, Ivan, and H. J. Ogorzaly, Summit, N. J., assignors to Standard Oil Development Company. Production of liquid and gaseous fuels by synthesis from coal. 2,543,795, Mar. 6.

Mayer, John J., assignor to The Budd Company, Philadelphia, Pa. Washbasin lock for sleeping car rooms. 2,546,129, Mar. 20.

Mayer, John J., Philadelphia, and A. G. Dean, Narberth, assignors to The Budd Company, Philadelphia, Pa. Folding berth latching means. 2,556,141, June 5.

Mayer, Joseph T., Jr., Muskegon, Mich., assignor to Stewart Hartshorn Company, New York, N. Y. Head assembly for spring shade rollers. 2,570,140, Oct. 2.

Mayer, Joseph W., and W. F. St. Clair, Troy, N. Y., assignors, by mesne assignments, to Autograf Brush & Plastics Co., Incorporated. Injection molding apparatus. 2,578,719, Dec. 18.

Mayer, Julius M., and G. J. Snedden, assignors to Peerless Products, Inc., Kansas City, Mo. Window awning. 2,572,363, Oct. 23

Mayer, Marie R., assignor to Di-Fram-Ette, Inc., Denver, Colo. Pessary. 2,551,618, May 8.

Mayers, Martin A., Maplewood, and H. T. Holzwarth, Westfield, N. J., assignors to The M. W. Kellogg Company, New York, N. Y. Air intake arrangement for air jacketed combustion chambers. 2,541,170. Feb. 13.

Mayer, Max J., Scarsdale, N. Y. Seed for production of titanium dioxide and making same. 2,571,150, Oct. 16.

Mayer, Oscar, & Co., Inc., assignee: *See*—
Mayer, Carl G., and Seiferth.

Mayer, Urbin B., Robbinsdale, Minn. Portable hoist. 2,559,450, July 3.

Mayer, Waldemar F., assignor to The Garrett Corporation, Los Angeles, Calif. Aircraft cooling system and method. 2,557,101, June 19.

Mayes, Walter A., assignor to Martin-Parry Corporation, York, Pa. Wall structure. 2,569,896, Oct. 2.

Mayer, Wilbur, assignor to The Louden Machinery Company, Fairfield, Iowa. Sectionalized bus bar construction. 2,548,986, Apr. 17.

Mayer, William G., Asbury Park, N. J. Electronic ignition system. 2,552,989, May 15.

Mayers, John W., Dayton, Ohio, assignor to Chadeloid Corporation, Wilmington, Del. Dyestuff purification. 2,564,225, Aug. 14.

Mayfield, George C., Richmond Heights, assignor to McQuay-Norris Manufacturing Company, St. Louis, Mo. Piston ring expander. 2,562,675, July 31.

Mayfield, Paul, assignor to Hercules Powder Company, Wilmington, Del. Making paper having insecticidal properties and products resulting therefrom. 2,566,092, Aug. 28.

Mayfield, Ross M., Elmhurst, Ill., W. B. De Long, Newark, and P. H. Permar, Wilmington, Del., assignors, by mesne assignments, to Remington Arms Company, Inc. Heat-treating titanium in a fused bath. 2,554,042, May 22.

Mayher, Ernest J., Kiwanis Lake, assignor to The Tremont Tool & Gage Company, Inc., Cleveland, Ohio. Regrooving tool. 2,568,683, Sept. 18.

Mayhew, David D., Rock Island, Ill., assignor to J. I. Case Company, Racine, Wis. Automatic trailer brake actuator. 2,562,280, July 31.

Mayhew, Elton C., assignor to The Sterling Manufacturing Company, Torrington, Conn. Fishing reel. 2,569,322, Sept. 25.

Mayhew, Elton C., and A. W. Round, assignors to The Sterling Mfg. Co., Torrington, Conn. Fly-tying vise. 2,569,424 Sept. 25.

Mayhew, John T., Toronto, Ohio, assignor to National Steel Corporation. Pickling. 2,574,049, Nov. 6.

Mayhew, Raymond L.: *See*—
Cross, James M., and Mayhew.

Mayhew, Raymond L., Phillipsburg, N. J., assignor to General Aniline & Film Corporation, New York, N. Y. Quick-drying writing inks. 2,545,823, Mar. 20.

Mayhew, Raymond L., Phillipsburg, N. J. assignor to General Aniline & Film Corporation, New York, N. Y. Quick-drying writing inks. 2,546,130, Mar. 20.

Mayhew, Raymond L., Phillipsburg, N. J., assignor to General Aniline & Film Corporation, New York, N. Y. Quick-drying writing inks. 2,560,881, July 17.

Maykuth, Daniel J.: *See*—
Jaffee, Robert I., Ogden and Maykuth.

Mayland, Bertrand J., Bartlesville, Okla, assignor to Phillips Petroleum Company. Synthesis gas preparation. 2,546,606, Mar. 27.

Mayland, Bertrand J., Bartlesville, Okla., assignor to Phillips Petroleum Company. Hydrocarbon synthesis process. 2,564,985, Aug. 21.

Mayland, Bertrand J., Bartlesville, Okla., and E. E. White, Covington, Va., assignors to Phillips Petroleum Company. Extraction of hydrocarbon types. 2,552,198, May 8.

Mayland, Bertrand J., and A. Clark, Bartlesville, Okla., assignors to Phillips Petroleum Company. Manufacture of synthesis gas. 2,566,620, Sept. 4.

Mayle, Louis F., Fort Wayne, Ind., assignor to Farnsworth Television & Radio Corporation. Picture signal mixer circuit. 2,539,454, Jan. 30.

Mayle, Louis F., Fort Wayne, Ind., assignor, by mesne assignments, to Farnsworth Research Corporation. Television receiver. 2,543,037, Feb. 27.
Mayle, Louis F., Fort Wayne, Ind., assignor to Farnsworth Television & Radio Corporation. Control circuit for multiple sound reproducers. 2,549,834, Apr. 24.
Maynard, Arthur H., Warwick, R. I., assignor to Bostitch, Inc., Stonington, Conn. Staple extractor. 2,567,021, Sept. 4.
Maynard, Hamilton M., Buffalo, assignor, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Sequence control circuit. 2,538,789, Jan. 23.
Maynard, Harry C., U. S. Navy. Accelerometer. 2,564,705, Aug. 21.
Maynard, James, Hawthorne, assignor to E. R. Parker, Seal Beach, Calif. Baffle. 2,553,141, May 15.
Maynard, Poole, Atlanta, Ga. Making lightweight aggregate. 2,569,323, Sept. 25.
Mayne, Robert, assignee: *See*—
Mauch, Fred A.
Mayner, Thomas S., Chagrin Harbor, Willoughby Township, Lake County, assignor to Industrial Rayon Corporation, Cleveland, Ohio. Thread-advancing reel. 2,554,468, May 22.
Maynes, Emma C., assignee: *See*—
Maynes, Hyla F.
Maynes, Hyla F., assignor of one-half to E. C. Maynes, Miami, Fla. Device for operating hypodermic syringes. 2,565,081, Aug. 21.
Maynor, Eugene A., Chicago, Ill. Fuel injector for rocket devices. 2,575,824, Nov. 20.
Mayo, Bernard J., assignor to Electric & Musical Industries Limited, Hayes, England. Electrostatic electron lens system. 2,539,370, Jan. 23.
Mayo, Edward L., Cleveland, and A. G. Getz, Lakewood, assignors to The Bishop & Babcock Manufacturing Company, Cleveland, Ohio. Windshield defroster for automobile heaters. 2,547,404, Apr. 3.
Mayo, Reba H.: *See*—
Mayo, Walker P., and R. H.
Mayo, Reubin E., Maury, N. C. Fuel burning space heater with draft control means. 2,561,934, July 24.
Mayo, Robert D., Flint, Mich. Auxiliary fuel tank and pump. 2,548,987, Apr. 17.
Mayo, Walker P., and R. H. Mayo, Prestonsburg, Ky. Folding bath tub. 2,541,263, Feb. 13.
Mayor, Harry A.: *See*—
Matson, William N., and Mayor.
Mayr, Adalbert I., Milwaukee, assignor to T. Mayr, Kiel, Wis., as trustee. Ventilating fan. 2,571,374, Oct. 16.
Mayr, Theresa, trustee: *See*—
Mayr, Adalbert I.
Mayrath, Martin, Dodge City, Kans. Mobile power-operated conveyer. 2,551,147, May 1.
Mayrath, Robert L., Berkley, assignor to Chrysler Corporation, Highland Park, Mich. Electrical circuit for transmission and clutch control apparatus. 2,578,142, Dec. 11.
Mayrath, Thomas L., Dayton, Ohio, assignor to Bendix Aviation Corporation, South Bend, Ind. Power transmission control mechanism. 2,575,884, Nov. 20.
Maytag Company, The, assignee: *See*—
Radlove, Sol B.
Smith, Thomas R.
Maytan, Samuel J., Herkimer, N. Y. Mortar backing device. 2,556,625, June 12.
Mayu, Pierre, Rueil-Malmaison, France. Antidazzling device, more particularly for headlights. 2,536,301, Jan. 2.
Mazia, Joseph, Philadelphia, Pa. Electrolytic polishing of metals. 2,539,455, Jan. 30.
Mazolux, assignee: *See*—
Mailland, Philippe E.
Mazur, Daniel G.: *See*—
Lichtman, Samuel W., and Mazur.
Mazur, Raymond A.: *See*—
Liston, Thomas R., Spatz, Mazur, and Glick.
Mazurk, Louis R.: *See*—
Ayers, George W., Harton, and Mazurk.
Mazza, Eric, Bronx, N. Y. Pump and filling plug. 2,550,157, Apr. 24.
Mazzola, Frank, Bronx, N. Y., and M. Mazzola, Cresskill, N. J. Pot and sink protector. 2,569,247, Sept. 25.
Mazzola, Joseph, Washington, D. C. Spring chucking device. 2,576,350, Nov. 27.
Mazzola, Joseph A., Endicott, N. Y. Artificial leg and knee joint therefor. 2,573,347, Oct. 30.
Mazzola, Joseph R., Kearny, assignor to Automatic Manufacturing Corporation, Newark, N. J. Condenser assembly. 2,547,085, Apr. 3.
Mazzola, Michele: *See*—
Mazzola, Frank and M.
Mazzucchelli, Arthur P., and P. F. Urich, Bloomfield, N. J., assignors, by mesne assignments, to Union Carbide and Carbon Corporation. Reaction product of a novolak resin and an amino diphenyl-formaldehyde compound. 2,557,922, June 26.
McAdams, Don R.: *See*—
Segura, Marnel A., McAdams and Spicer.
McAdams, Don R., Baton Rouge, and M. A. Segura, Denham Springs, La., assignors to Standard Oil Development Company. Preparation of catalysts for the conversion of carbon oxides with hydrogen. 2,565,977, Aug. 28.
McAfee, Jerry, Port Arthur, Tex., assignor to Universal Oil Products Company, Chicago, Ill. Apparatus for conversion of hydrocarbons. 2,540,373, Feb. 6.
McAleer, Charles F., and R. Richards, Kalamazoo, Mich. Counter for sheets. 2,551,685, May 8.
McAlevy, Ambrose: *See*—
Gresham, William F., and McAlevy.
Hamblet, Clement H., and McAlevy.
McAllaster, George R., Rochester, N. Y. Smoking pipe. 2,563,349, Aug. 7.
McAllister, Alexander J.: *See*—
Blair, Mark L., and McAllister.
McAllister, Archibald R., Albert Lea, Minn. Steering device for outboard motors. 2,543,553, Feb. 27.
McAllister, Clyde M., assignor, by mesne assignments, to R. M. Lacy, Waco, Tex. Pump. 2,559,980, July 10.
McAlister, Craig L., Overland, Mo., assignor to McGraw Electric Company, Elgin, Ill. Protector for electric circuits. 2,576,405, Nov. 27.
McAllister, Donald E., assignor of one-half to V. Enos, Coulee Dam, Wash. Cooling and air conditioning device. 2,559,164, July 3.
McAllister, Robert W., Jr., assignor to The Central Silica Company, Zanesville, Ohio. Washing acidified finely divided solids. 2,537,904, Jan. 9.
McAlpine, George R., and J. C. Bowlware, Oklahoma City, Okla. Portable rack. 2,549,498, Apr. 17.
McArthur, Elmer D., Schenectady, N. Y., assignor to General Electric Company. Interelectrode coupling in high-frequency electric discharge devices. 2,543,637, Feb. 27.
McArthur, Elmer D., Schenectady, N. Y., assignor to General Electric Company. Tunable cavity resonator. 2,549,499, Apr. 17.
McArthur, Elmer D., Schenectady, N. Y., assignor to General Electric Company. Negative attenuation amplifier discharge device. 2,556,881, June 12.
McArthur, Elmer D., Schenectady, N. Y., assignor to General Electric Company. Ultra high frequency antenna system. 2,566,900, Sept. 4.
McAteer, Ira W.: *See*—
Parrigin, Homer P., and McAteer.
McAteer, James H.: *See*—
Morrell, Charles E., and McAteer.
McAteer, James H., Cranford, N. J., assignor to Standard Oil Development Company. Vapor phase hydration. 2,547,766, Apr. 3.
McAteer, James H., Cranford, and C. E. Morrell, Westfield, N. J., assignors to Standard Oil Development Company. Concurrent dealkylation of aromatic hydrocarbons and dehydrogenation of naphthenic hydrocarbons. 2,577,788, Dec. 11.
McAuley, James W.: *See*—
Gaiser, Romey A., and McAuley.
McAuliffe, John H., Jr., Oak Park, Ill. Building construction. 2,542,151, Feb. 20.
McAvoy, Frank E., Teaneck, N. J., assignor, by mesne assignments, to General Bronze Corporation, Garden City, N. Y. Stove grill. 2,541,528, Feb. 13.
McAvoy, Frank E., Teaneck, N. J., assignor to J. Milton, Jr., as trustee. Electrical indicating target. 2,576,960, Dec. 4.
McAvoy, Theodore E., Chicago, Ill. Fishing trolley line signal and weight indicator. 2,550,282, Apr. 24.
McBean, Douglas M.: *See*—
Cleaver, John C., McBean, and Resek.
McBean, Douglas M., Rochester, N. Y. Extractor. 2,562,563, July 31.
McBean, Douglas M., Rochester, N. Y. Continuous extractor. 2,573,585, Oct. 30.
McBean, Kenneth D., Trail, British Columbia, assignor to The Consolidated Mining and Smelting Company of Canada, Limited, Montreal, Quebec, Canada. Apparatus for roasting ore. 2,536,952, Jan. 2.
McBean Research Corporation, assignee: *See*—
Peck, Henry E.
McBean, Robert H., Fairview Village, assignor to The Deming Company, Salem, Ohio. Pump. 2,549,218, Apr. 17.
McBee Company, The, assignee: *See*—
Hooe, Hunter E.
Torkelson, Torkel E.
Welk, Nelson S.
Young, Don H.
McBee, Earl T., West Lafayette, Ind., assignor to the United States of America as represented by the United States Atomic Energy Commission. Chlorofluoroheptanes. 2,537,777, Jan. 9.
McBee, Earl T., La Fayette, Ind., and R. M. Robb, Wilmington, Del., assignors to Purdue Research Foundation, La Fayette, Ind. Fluorination of saturated halocarbons with lead tetrafluoride. 2,544,560, Mar. 6.
McBee, Earl T., La Fayette, Ind., and R. M. Robb, Wilmington, Del., assignors to Purdue Research Foundation, La Fayette, Ind. Fluorination of unsaturated halocarbons with lead tetrafluoride. 2,545,430, Mar. 13.

McBee, Earl T., and J. S. Newcomer, assignors to Purdue Research Foundation, West Lafayette, Ind. Dienophilic addition products of ketals of cyclic chlorocarbon ketones. 2,552,567, May 15.
McBee, Earl T., and J. S. Newcomer, assignors to Purdue Research Foundation, West Lafayette, Ind. Fluorosulfonic acid treatment of hexachlorocyclopentadiene. 2,552,568, May 15.
McBee, Earl T., West Lafayette, and P. A. Wiseman, Muncie, assignors to Purdue Research Foundation, La Fayette, Ind. Perfluoro dinitriles. 2,554,786, May 29.
McBee, Earl T., West Lafayette, Ind., and R. M. Robb, Wilmington, Del., assignors to Purdue Research Foundation, West Lafayette, Ind. Perfluorination of hydrocarbons with lead tetrafluoride. 2,567,569, Sept. 11.
McBee, Earl T., and W. S. Barnhart, West Lafayette, Ind., assignors to the United States of America as represented by the United States Atomic Energy Commission. Alkyl ether of chlorofluoro heptene. 2,574,649, Nov. 13.
McBee, Earl T., La Fayette, Ind., and R. M. Robb, Wilmington, Del., assignors to Purdue Research Foundation, La Fayette, Ind. Fluorination of fused-ring organic compounds with cobalt trifluoride. 2,578,720, Dec. 18.
McBee, Earl T., La Fayette, Ind., and R. M. Robb, Wilmington, Del., assignors to Purdue Research Foundation, La Fayette, Ind. Fluorination of saturated halocarbons with manganese trifluoride. 2,578,721, Dec. 18.
McBerty, Frank R., Mansfield, assignor to The North Electric Manufacturing Company, Galion, Ohio. Relay construction. 2,550,577, Apr. 24.
McBerty, Robert K., assignor to The North Electric Manufacturing Company, Galion, Ohio. Relay construction. 2,550,578, Apr. 24.
McBerty, Robert K., Galion, and D. S. Baker, Iberia, assignors to The North Electric Manufacturing Company, Galion, Ohio. Relay construction. 2,558,524, June 26.
McBeth, Freeman M., Harrisburg, Pa., assignor to Macbeth Engineering Corporation. Food cooking apparatus. 2,546,163, Mar. 27.
McBeth, Freeman M., Harrisburg, Pa., assignor to Macbeth Engineering Corporation. Blanching machine. 2,551,148, May 1.
McBeth, Freeman M., Harrisburg, Pa., assignor to Macbeth Engineering Corporation. Food cooking apparatus. 2,552,441, May 8.
McBrayer, Marvin L.: *See*—
Hall, Elmer S., Smith, and McBrayer.
McBrearty, Jerome F., North Hollywood, assignor to Lockheed Aircraft Corporation, Burbank, Calif. Landing gear with drag strut dynamic damper. 2,559,451, July 3.
McBride, Charles B.: *See*—
Whiton, Louis C., Watson, McBride, and Remington.
McBride, Charles B., Port Chester, N. Y., assignor to The Thermix Corporation, Greenwich, Conn. Apparatus for separating suspended particles from gases. 2,542,549, Feb. 20.
McBride, Charles F., and H. G. Kreps, Sturgis, Mich. Binding tape applicator. 2,576,621, Nov. 27.
McBride, Charles F., and H. G. Kreps, Sturgis, Mich. Combination latex and tape applicator for rugs. 2,576,622, Nov. 27.
McBride, Charles L., assignor to Joy Toys, Inc., Tampa, Fla. Roundabout swing. 2,562,324, July 31.
McBride, Charles L., assignor to Joy Toys, Inc., Tampa, Fla. Roller coaster of the loop-the-loop type. 2,567,438, Sept. 11.
McBride, Delroy, Twin Falls, Idaho. Boiler feed. 2,570,961, Oct. 9.
McBride, Delroy, Twin Falls, Idaho. Boiler feed trap. 2,574,341, Nov. 6.
McBride, Edward J., Philadelphia, Pa. Adjustable yarn guide for creels. 2,536,761, Jan. 2.
McBride, Edward J., Philadelphia, Pa. Pirn or cone holder. 2,549,618, Apr. 17.
McBride, Edward J., Philadelphia, Pa. Creel. 2,552,338, May 8.
McBride, John A.: *See*—
Mertz, Clyde W., Cutcher, and McBride.
McBride, John W., assignor to Bantar, Incorporated, Burbank, Calif. Stringed musical instrument. 2,549,914, Apr. 24.
McBride, John W., assignor to Bantar, Incorporated, Burbank, Calif. Musical instrument. 2,574,880, Nov. 13.
McBride, John W., assignor to Bantar, Incorporated, Burbank, Calif. Stringed musical instrument. 2,574,881, Nov. 13.
McBride, Leonard L.: *See*—
McBride, Miles M. and L. L., and Curry.
McBride, Lewis M., Arcadia, Calif. Fluid projecting apparatus. 2,578,821, Dec. 18.
McBride, Maurice G.: *See*—
Lovegrove, Henry J., and McBride.
McBride, Miles M. and L. L., Kinderhook, and S. D. Curry, Oakwood, Ill. Log-loading device for motor vehicles. 2,576,187, Nov. 27.
McBride, Ralph A.: *See*—
Schmarje, Clarence F., McBride, and Schmarje.
McBride, Robert D., Minneapolis, Minn. Safety box structure. 2,561,129, July 17.
McBride, Robert H., Denver, Colo. Towing device for golf bag carts and the like. 2,559,981, July 10.
McBride, William M., Columbus, Ohio. Cream can opener. 2,546,467, Mar. 27.
McBroom, James C., Van Nuys, assignor of one-half to A. Cuthill, Los Angeles, Calif. Intercepting liquid refrigerant. 2,570,962, Oct. 9.
McBurney, Dorman, Swarthmore, Pa., and R. E. Thomas, Newburgh, N. Y., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Adhesive tape. 2,561,063, July 17.
McCabe, Eugene A.: *See*—
Doolittle, James C., and McCabe.
McCabe, Harry W., Eastondale, assignor to J. E. Murley, Boston, Mass. Nozzle for mixing liquids. 2,543,294, Feb. 27.
McCabe, Ira E., Chicago, Ill. Multiple circuit control apparatus. 2,539,259, Jan. 23.
McCabe, Ira E., Chicago, Ill. Multiple contact switch structure. 2,562,626, July 31.
McCabe, Ira E., Chicago, Ill. Thermally operated electric switch. 2,564,853, Aug. 21.
McCabe, John J., Jr., assignee: *See*—
Mannheimer, Hans S.
McCabe Paint and Varnish Co., assignee: *See*—
Mannheimer, Hans S.
McCabe-Powers Auto Body Co., assignee: *See*—
Smid, James, and Single.
Smith, Merton.
Smith, Merton, and Leskovec.
McCabe, William E., Jr., Denver, Colo. Fill and discharge valve for liquefied hydrocarbon containers. 2,543,920, Mar. 6.
McCain, George L.: *See*—
Huebner, George J., Jr., and McCain.
McCain, Edward H., Raleigh, and C. E. Neal, Durham, N. C. Fountain comb. 2,554,866, May 29.
McCain, Sam J., Fairmont, W. Va. Metal casting apparatus. 2,573,857, Nov. 6.
McCaleb, Albert G., assignee: *See*—
Minor, Charles G.
McCaleb, Eugene F., Erie, Pa., assignor to General Electric Company. Pantograph assembly. 2,562,727, July 31.
McCaleb, Ruth F., executrix: *See*—
Minor, Charles G.
McCall, John D., Powell, Wyo. Designing and laying out plans of building. 2,545,409, Mar. 13.
McCall, Sherad M.: *See*—
Marshall, Franklin W., and McCall.
McCallum, Archie H., R. C. Breckenridge, and J. B. Case, assignors to Sutliff & Case Co., Inc., Peoria, Ill. Movable machine mounting. 2,575,968, Nov. 20.
McCallum, Bernard M., Council Bluffs, Iowa. Automatic tamper for railroad tracks. 2,565,037, Aug. 21.
McCallum, Robert A., Michigan City, Ind., assignor to Joy Manufacturing Company. Drilling apparatus. 2,552,637, May 15.
McCammond, Walter D., Flushing, N. Y., assignor, by mesne assignments, to Mine Safety Appliances Company, Pittsburgh, Pa. Pole climber. 2,570,001, Oct. 2.
McCampbell, Clarence, Cleveland, Ohio. Reel. 2,551,149, May 1.
McCamon, Aurel D., assignor to Opal J. McCamon, Lisbon, Ohio. Master switch. 2,545,965, Mar. 20.
McCamon, Opal J., assignee: *See*—
McCamon, Aurel D.
McCann, Edward M., Tacoma, Wash. Cotton chopper. 2,544,036, Mar. 6.
McCann, De Witt, Los Angeles, Calif. Yielding vehicle step. 2,544,799, Mar. 13.
McCann, George K., Detroit, assignor to Ford Motor Company, Dearborn, Mich. Independent wheel suspension. 2,556,767, June 12.
McCann, Harold G., Deer Park, and H. Q. Trout, Brooklyn, assignor to Allied Chemical & Dye Corporation, New York, N. Y. Preparation of sulfuryl chlorofluoride. 2,562,432, July 31.
McCann, John J., Lowell, Mass. Pot spinning method, apparatus, and product. 2,563,053, Aug. 7.
McCann, Michael, Union, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Clamp raising and lowering means for sewing machines. 2,540,987, Feb. 6.
McCann, Ronald A., assignor to The Union Switch and Signal Company, Swissvale, Pa. Entrance-exit route interlocking control apparatus. 2,567,887, Sept. 11.
McCann, William F., Los Angeles, Calif., and L. H. Johnson, Peoria, Ill. Mobile gun carriage. 2,549,835, Apr. 24.
McCanna, Louis A.: *See*—
Pauley, Robert D., and McCanna.
McCants, James F., Tulsa, Okla. Formaldehyde purification. 2,565,568, Aug. 28.
McCants, James F., Tulsa, Okla. Formaldehyde purification. 2,565,569, Aug. 28.
McCardell, Edmund A., assignor to Winpower Mfg. Company, Newton, Iowa. Rotary hoe wheel. 2,560,359, July 10.
McCarl, Clifford, San Diego, Calif. Apparatus for making frozen confections. 2,549,915, Apr. 24.
McCarn, Burtis B., Jersey City, N. J. Hanger for trolley rails. 2,577,789, Dec. 11.

McCarroll, Edward W., Chicago, Ill. Convertible furniture. 2,564,338, Aug. 14.
McCarroll, Russell H., assignor to Ford Motor Company, Dearborn, Mich. Automobile jack. 2,570,360, Oct. 9.
McCarron, James F.: *See*—
McCarron, Michael P. and J. F.
McCarron, Lewis H., Los Angeles, Calif. Fire alarm. 2,550,076, Apr. 24.
McCarron, Michael P. and J. F., Los Angeles, Calif. Detachable top lift. 2,546,105, Mar. 20.
McCart, Samuel W., Washington, D. C. Phonograph record envelope. 2,574,050, Nov. 6.
McCarter, William J., Galata, Mont. Portable spraying machine. 2,576,133, Nov. 27.
McCarthy, Charles S., Birmingham, assignor to American Forging and Socket Company, Pontiac, Mich. Adjustable seat support. 2,555,804, June 5.
McCarthy, Charles S., Birmingham, assignor to American Forging and Socket Company, Pontiac, Mich. Collapsible bassinet. 2,561,285, July 17.
McCarthy, F. J., Inc., assignee: *See*—
Greeley, Leo O.
McCarthy, George D., Detroit, and A. H. Edwards, assignors to Chrysler Corporation, Highland Park, Mich. Protective seal. 2,544,541, Mar. 6.
McCarthy, George L., New York, assignor to Eastman Kodak Company, Rochester, N. Y. Endorsing machine. 2,550,644, Apr. 24.
McCarthy, Gerard R., Kirkwood, Mo. Card display holder. 2,552,685, May 15.
McCarthy, Henry J., Danvers, assignor to Sylvania Electric Products Inc., Salem, Mass. Interdigital magnetron. 2,565,387, Aug. 21.
McCarthy, Henry J., Danvers, Mass., assignor to Sylvania Electric Products Inc. Variable-frequency interdigital magnetron. 2,578,569, Dec. 11.
McCarthy, James F.: *See*—
Long, Eli M., and McCarthy.
McCarthy, John F., Lynn, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Thread waxing device. 2,576,961, Dec. 4.
McCarthy, Justin J., Arlington, and W. J. Harrison, Reading, Mass., assignors to Monsanto Chemical Company, St. Louis Mo. Sizing textile warp yarns. 2,570,830, Oct. 9.
McCarthy, Thomas O., and W. W. Thomas, U. S. Navy. Electrical repeater system. 2,544,710, Mar. 13.
McCarthy, Thomas O., U. S. Navy, and J. L. Maulbetsch, Port Washington, N. Y. Performance recording instrument for direction indicators. 2,544,851, Mar. 13.
McCarthy, Thomas O., and W. W. Thomas, U. S. Navy. Electrical transmission system. 2,572,044, Oct. 23.
McCarthy, Vincent J., Youngstown, assignor to The Salem Tool Company, Salem, Ohio. Coal boring head. 2,546,899, Mar. 27.
McCartney, Edward R., Altadena, assignor to The Fluor Corporation, Ltd., Los Angeles, Calif. Extraction of acidic impurities and moisture from gases. 2,547,278, Apr. 3.
McCartney, Raymond F., G. E. Pellissier, and E. E. Wicker, Pittsburgh, Pa., assignors to United States Steel Company. Apparatus for determining coating thickness. 2,578,722, Dec. 18.
McCarty, Clyde W., Lynn, Mass., assignor to General Electric Company. Sparkless camera shutter and flash tube synchronizer. 2,538,577, Jan. 16.
McCarty, Clyde W., Lynn, and F. B. Jennings, Beverly, Mass., assignors to General Electric Company, Armature lock 2,542,692 Feb. 20.
McCarty, Lourdes V.: *See*—
Aughey, Clarence L., and McCarty.
Biermann, William A., and McCarty.
Johnson, Roy W., and McCarty.
Pawelsky, Vernon R., McCarty, Biermann, and Dulak.
McCarty, Malcolm D., Dallas, Tex., assignor, by mesne assignments, to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Seismic recording system. 2,558,868, July 3.
McCarty, Theodore M., assignor to Gibson, Incorporated, Kalamazoo, Mich. Magnetic pickup for stringed musical instruments. 2,567,570, Sept. 11.
McCarvell, John H., Houston, Tex. Well tool. 2,565,736, Aug. 28.
McCash, Perry V., Seattle, Wash. Revolvable spool spinning reel. 2,561,935, July 24.
McCaskell Filters, Inc., assignee: *See*—
McCaskell, Jasper A.
McCaskell, Jasper A., deceased, Los Angeles, by M. A. McCaskell, executrix, assignor, by mesne assignments, to McCaskell Filters, Inc., Los Angeles, Calif. Filter. 2,565,388, Aug. 21.
McCaskell, Mary A., executrix: *See*—
McCaskell, Jasper A.
McCaskey Register Company, The, assignee: *See*—
Holman, Leslie A.
McCaskie, William, New Bedford, Mass. Section or warper beam. 2,538,697, Jan. 16.
McCaslin, James F., Cleveland, Ohio. Delay arming device for projectile fuses. 2,541,082, Feb. 13.
McCaslin, John W., and J. C. Hillyer, Bartlesville, Okla., assignors to Phillips Petroleum Company. Tetrahydrophthalic anhydride resins. 2,560,119, July 10.
McCaughey, Joseph, assignor to Abbotts Dairies, Incorporated, Philadelphia, Pa. Overflow type filling machine with container top positioning guide. 2,538,208, Jan. 16.
McCaulay, David A.: *See*—
Lien, Arthur P., and McCaulay.
McCaulay, David A., Chicago, Ill., and A. P. Lien, Hammond, Ind., assignors to Standard Oil Company, Chicago, Ill. Hydrogen fluoride recovery. 2,537,076, Jan. 9.
McCauley, Claudius R., New Orleans, La. Telemetric system. 2,568,348, Sept. 18.
McCauley, Myron D., Huntington Woods, Mich. Edging tool. 2,560,882, July 17.
McCauley, Myron D., Huntington Woods, assignor to Rinshed-Mason Company, Detroit, Mich. Apparatus for proportional mixing of paints. 2,561,525, July 24.
McCauley, Paul R., Kansas City, Mo. Motor driven honing and stropping device for razors. 2,572,271, Oct. 23.
McCausland, John W., assignor to Universal Products Company, Chicago, Ill. Compensated pipe expansion joint. 2,545,701, Mar. 20.
McCaw, Warren W.: *See*—
Nordenson, Willard H., and McCaw.
McClain, Edward F., Jr., Washington, D. C. Phonograph stylus of small effective tip radius. 2,573,723, Nov. 6.
McClain, Herbert K., Cincinnati, assignor to The Procter & Gamble Company, Ivorydale, Ohio. Filtering glyceride oils. 2,579,946, Dec. 25.
McClain, John R., Wooster, Ohio. Automatic electric circulation heater for automobiles. 2,574,929, Nov. 13.
McClain, Lawrence W., St. Joseph, Mo. Adjustable garment hanger. 2,549,500, Apr. 17.
McClaren, L. S., assignee: *See*—
McGehee, Burnard.
McClary, Joseph E., Clayton, assignor to Anheuser-Busch, Inc., St. Louis, Mo. Production of riboflavin by fermentation. 2,537,148, Jan. 9.
McClay, Gordon F., Lennoxville, Quebec, Canada, assignor to Ingersoll-Rand Company, New York, N. Y. Hydraulic bark remover having certain nozzles controlled by log-interrupted light beam. 2,568,554, Sept. 18.
McCleary, Rush F., Hopewell Junction, assignor to The Texas Company, New York, N. Y. Nitro- and thiocyano-substituted thiophene compounds. 2,562,988, Aug. 7.
McCleary, Rush F., Beacon, and J. A. Patterson, Newburgh, assignors to The Texas Company, New York, N. Y. 3-chlorothianaphthene. 2,571,742, Oct. 16.
McClellan, Cyril E., Baltimore, Md., assignor, by mesne assignments, to the United States of America, as represented by the Secretary of the Navy. Wave guide coupling. 2,561,130, July 17.
McClellan, Marcus E.: *See*—
Hill, George B., and McClellan.
McClellan, Stanley D., Dearborn, Mich. Capping machine. 2,542,255, Feb. 20.
McClelland, Alexander J., assignor to The Warner & Swasey Company, Cleveland, Ohio. Machine tool. 2,542,421, Feb. 20.
McClelland, James F., St. Paul, Minn. Watch guard and band. 2,565,822, Aug. 28.
McClelland, Kenneth, assignor to J. E. Mahoney, Chicago, Ill. Differential drive for flour mill roll stands and the like. 2,549,501, Apr. 17.
McClellen, David A.: *See*—
Stratton, Verlin K., and McClellen.
McClement, Louise Y.: *See*—
Monroe, Robert C., and McClement.
McClenathan, Roy F., Moorheadville, Pa. Shoe stretcher. 2,549,502, Apr. 17.
McClendon, Ernest A., Bartlesville, Okla, assignor to Phillips Petroleum Company. Apparatus for determining a chemically reactive gas. 2,554,414, May 22.
McClintock, Charles, Flint, Mich. Retractable running gear for boat trailers. 2,539,693, Jan. 30.
McClintock, Freeman H., Lansing, Mich. Vehicle body convertible to ambulance use. 2,567,294, Sept. 11.
McClintock Manufacturing Company, assignee: *See*—
Williams, Robert A.
McClinton, John, Houston, Tex. Combination key seat remover and vibration distributor for well drilling. 2,572,839, Oct. 30.
McClish, James L., Winters, Calif. Electrically controlled tailgate release and automatic reset device. 2,552,442, May 8.
McCloskey, Arthur P., Oak Park, and E. W. Hopkins, Hinsdale, Ill., said Hopkins assignor to said McCloskey. Telephone mouthpiece sterilizing device. 2,546,229, Mar. 27.
McCloskey, David, Jr., St. Louis, Mo. Shoulder-shaping device. 2,554,307, May 22.
McCloy, Graham S., Springfield, Mass., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Food mixer beater. 2,538,877, Jan. 23.
McCloy, Graham S., Springfield, Mass., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Temperature regulator for refrigerators. 2,557,750, June 19.
McClung, Littell G., Florence, Ala. Bicycle article carrier. 2,536,071, Jan. 2.
McClure, Alfred E., Marne, Mich. Fuel-saving hot-air furnace. 2,570,580, Oct. 9.
McClure, Andrew L.: *See*—
McClure, Edgar R. and A. L.

McClure, Carroll D.: *See*—
Conover, George E., and McClure.

McClure, Carroll W., McKeesport, and S. Webb, Pleasant Hills, Pa., assignors to National Tube Company. Machine for straightening pipe. 2,550,842, May 1.

McClure, Charles E., Hamilton, Ohio. Curtain and shade bracket. 2,539,197, Jan. 23

McClure, Edgar R. and A. L., San Diego, Calif. Sausage skinning and cutting machine. 2,540,747, Feb. 6.

McClure, Glenn T.: *See*—
Cook, Earle S., McClure, and Rush.

McClure, Glenn T., McKeesport, and E. G. Erson, Wilkinsburg, assignors to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake control apparatus. 2,548,674, Apr. 10.

McClure, Hugh M., Chicago, Ill. Pencil lead sharpener. 2,543,249, Feb. 27.

McClure, Hugh M., Chicago, Ill. Pencil sharpener. 2,543,554, Feb. 27.

McClymonds, Samuel E., Jr.: *See*—
St. John, Roscoe N., and McClymonds.

McCoffrey, Charles L., assignee: *See*—
Gomer, William H.

McColloch, Robert J., Pasadena, and E. A. Beavens, Alhambra, Calif., assignors to the United States of America, as represented by the Secretary of Agriculture. Improving fruit products. 2,563,855, Aug. 14.

McCollum, Henry J. D., deceased, by T. McCollum, executrix, assignor to Stewart-Warner Corporation, Chicago, Ill. Jet propulsion apparatus. 2,548,804, Apr. 10.

McCollum, Thelma, executrix: *See*—
McCollum, Henry J. D.

McColm, William L., Denver, Colo. Recovering waste cooking oils. 2,558,869, July 3.

McCombie, Frederick W., Ashton-on-Mersey, Manchester, assignor to Megator Pumps & Compressors Limited, Feltham, England. Pump, compressor, motor, or the like. 2,561,808, July 24.

McCombie, Frederick W., London, assignor to Megator Pumps & Compressors Limited, Feltham, England. Rotary pump, compressor, motor, or the like. 2,561,809, July 24.

McCombie, Frederick W., London, assignor to Megator Pumps & Compressors Limited, Feltham, England. Pump. 2,561,810, July 24.

McCombie, John E., Waterloo, Iowa. Phonograph record indexing device. 2,563,350, Aug. 7.

McCombie, John T., Walton-on-the-Hill, P. F. E. Mann, London, and A. M. Wild, Cheam, England, assignors to The Distillers Company Limited, Edinburgh, Scotland. Recovery of procaine. 2,573,586, Oct. 30.

McComie, Ernest T., Salt Lake City, Utah. Chair truck. 2,558,144, June 26.

McConnaughay, Kenneth E., West Lafayette, Ind. Drier. 2,536,762, Jan. 2.

McConnell, A. H., assignee: *See*—
Wagner, William L.

McConnell, Andrew J., Delmar, N. Y., assignor to General Electric Company. System of backup protection and carrier-current blocking for an electrical power system. 2,548,612, Apr. 10.

McConnell, David H.: *See*—
Aller, Willis F., and McConnell.

McConnell, Drusilla B.: *See*—
McConnell, Robert F. and D. B.

McConnell, Frank, assignor to The American Hardware Corporation, New Britain, Conn. Latch. 2,580,237, Dec. 25.

McConnell, Kenneth R., Red Bank, N. J., assignor to Times Facsimile Corporation, New York, N. Y. Signal inverter for facsimile recording. 2,542,152, Feb. 20.

McConnell, Robert A., Cambridge, and V. A. Olson, Suffolk, Mass., assignors, by mesne asignments, to the United States of America as represented by the Secretary of the Navy. Sweep generator. 2,578,258, Dec. 11.

McConnell, Robert F. and D. B., Reedley, Calif. Plow wheel and mounting. 2,574,051, Nov. 6.

McConnell Sales and Engineering Corporation, assignee: *See*—
Taylor, Robert J., and Davenport.

McCool, John C., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Preparing carbothiolic acids. 2,568,020, Sept. 18.

McCool, John C., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Polymerizing butadiene-1,3 hydrocarbons in aqueuos emulsion in the presence of mercapto-substituted monocarboxylic acid esters. 2,568,648, Sept. 18.

McCool, Marcus G., assignor to American Iron and Machine Works Company, Oklahoma City, Okla. Tool joint. 2,540,900, Feb. 6.

McCool, William A., Hyattsville, Md., assignor to Boonton Radio Corporation, Boonton, N. J. Conductance meter. 2,547,650, Apr. 3.

McCord Corporation, assignee: *See*—
Gardes, Alfred W.
Hayward, James R.

McCorkle, D. H., Co., assignee: *See*—
McCorkle, Donald H.

McCorkle, Donald H., assignor to D. H. McCorkle Co., Berkley, Calif. Air and fuel control for burners. 2,539,789, Jan. 30.

McCormack, Alex A., Dayton, assignor to Industrial Rayon Corporation, Cleveland, Ohio. Self-sealing automatically lubricated spindle. 2,563,610, Aug. 7.

McCormack, Foster D.: *See*—
Johnson, Alfred J., and McCormack.

McCormack, Robert E., assignee: *See*—
Keller, Gregory H.

McCormack, Robert J., Perry, assignor to Industrial Rayon Corporation, Cleveland, Ohio. Vibration dampener for spindle lubricant reservoirs. 2,548,675, Apr. 10.

McCormick, Clarence E., Poland, Ohio. Counting toy. 2,559,309, July 3.

McCormick & Co., Incorporated, assignee: *See*—
Klein, Richard A.

McCormick, Connie M., Hialeah, Fla. Vehicle hoist. 2,579,688, Dec. 25.

McCormick, Francis H., Oakwood, assignor to General Motors Corporation, Dayton, Ohio. Domestic appliance. 2,557,832, June 19.

McCormick, Francis H., Oakwood, assignor to General Motors Corporation, Dayton, Ohio. Table top construction. 2,568,243, Sept. 18.

McCormick, Gordon M., Spokane, Wash. Thermometer holder releasably attachable to bedposts. 2,558,768, July 3.

McCormick, Gordon R.: *See*—
Terry, Edward J., and McCormick.

McCormick, Hazel G., Palo Alto, Calif. Attachment for waistbands. 2,562,386, July 31.

McCormick, J. Lynn, Indianapolis, Ind. Clothes rack. 2,550,158, Apr. 24.

McCormick, John M., Brookview, assignor to Remington Rand Inc., New York, N. Y. Perforated record card. 2,537,778, Jan. 9.

McCormick, William E., United States Navy. Positive-locking hook. 2,577,790, Dec. 11.

McCoubrey, Arthur O., Forest Hills, assignor, to Westinghouse Electric Corporation, East Pittsburgh, Pa. Direct-current amplifier. 2,571,915, Oct. 16.

McCoy, Clarence E., Clarendon Hills, and W. J. Scott, Hinsdale, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y. Applying annular coatings to light bulbs. 2,567,723, Sept. 11.

McCoy, Edward A., La Crosse, Wis. Tractor inclinometer. 2,565,615, Aug. 28.

McCoy, Ernest E., Jr.: *See*—
Woosley, Joe C., Pepper, and McCoy.

McCoy, Frank V., assignor to The Springfield Tent & Awning Company, Springfield, Ohio. Awning hinge. 2,566,459, Sept. 4.

McCoy, Henry S., assignee: *See*—
Coats, William F.

McCoy, Howard M., Fairfield, Ohio. Integrated model airplane. 2,542,042, Feb. 20.

McCoy, James H., Chicago, Ill., assignor to O K Specialty Co., Inc. Stock-bar feed for machine tools. 2,572,741, Oct. 23.

McCoy, James J., Bremerton, Wash. Lever and link feed, worm-adjustable, sliding jaw wrench. 2,539,852, Jan 30.

McCoy, Joe, and E. O. Weining, assignors to Boeing Airplane Company, Wichita, Kans. Cable connector. 2,574,579, Nov. 13.

McCoy, Lowell R., Highland Park, assignor to Wyandotte Chemicals Corporation, Wyandotte, Mich. Nonferrous metal burnishing composition and burnishing process. 2,540,003, Jan. 30.

McCoy, Marcus A., Los Angeles, assignor to United Geophysical Company, Inc., Pasadena, Calif. Phase modulation. 2,559,023, July 3.

McCoy, Millard D., Kansas City, Kans. Vine cutting and windrowing attachment. 2,576,886, Nov. 27.

McCoy, Paul E., assignor, by mesne assignments, to Stancal Asphalt & Bitumuls Company, San Francisco, Calif. Coating wood. 2,552,900, May 15.

McCoy, Ralph E., New Smyrna Beach, Fla., assignor to International Business Machines Corporation, New York, N. Y. Automatic grinding machine. 2,572,364, Oct. 23.

McCoy, Rawley D.: *See*—
Fish, Walter S., and McCoy.
Lancor, Joseph H., Jr., Marindin, and McCoy.

McCoy, Robert H., Salt Lake City, Utah. Hand-power shears. 2,564,269, Aug. 14.

McCoy, Ross K., assignee: *See*—
Stephenson, Robert M., Dozier, and McCoy.

McCrae, James, and E. Manero, Merida, Yucatan, Mexico, said McCrae assignor to aid Manero. Device for crushing and cleaning fibrous vegetable units. 2,576,406, Nov. 27.

McCrary, Ulysses R., Johnson City, Tenn. Tire demounting machine with circumferentially distributed thrust members. 2,545,157, Mar. 13.

McCray, Donald C., Fairview, Pa. Occupant propelled roundabout. 2,548,228, Apr. 10.

McCray Refrigerator Company, assignor: *See*—
Burger, Ralph J.

McCready, Howard W., assignor to E. H. Tompkins, New York, N. Y. Skin stimulating and massaging device. 2,540,792, Feb. 6.

McCready, Rolland M.: *See*—
Maclay, William D., Shepherd, McCready, and Graham.

McCreary, Harold J., Lombard, Ill. Hearing aid apparatus. 2,554,113, May 22.

McCreary, Harold J., Lombard, assignor to Automatic Electric Laboratories, Inc., Chicago, Ill. Electronic director. 2,567,115, Sept. 4.
McCreary, Harold J., Lombard, assignor to Automatic Electric Laboratories, Inc., Chicago, Ill. Magnetic frequency changer having partial gaps. 2,567,116, Sept. 4.
McCreary, Harold J., Lombard, Ill. Hearing aid apparatus. 2,575,671, Nov. 20.
McCreary, Kenneth, Plainfield, N. J., assignor to Johns-Manville Corporation, New York, N. Y. Making heat exchangers. 2,553,142, May 15.
McCrorey, Robert C., Peoria, Ill. Counterbalancing attachment for wheels. 2,548,842, Apr. 10.
McCrory, John J.: *See*—
Staples, James D., and McCrory.
McCrum, Robert T., Hawthorne, Calif. Ice cream dipper. 2,547,651, Apr. 3.
McCrumb, Ray R., Lansing, Mich. Weedless fishhook. 2,576,304, Nov. 27.
McCuiston, Robert E., Greensboro, N. C., assignor to Vick Chemical Company. Device for dispensing medicaments. 2,573,918, Nov. 6.
McCullar, David F., Lawrenceburg, Tenn. Knee acting adjustable fender. 2,543,921, Mar. 6.
McCulloch, Roger L., Monmouth, Ill. Removably attachable flexible reciprocating transmission and removably attaching reciprocating tools thereto. 2,553,463, May 15.
McCullough, Eli D., Kansas City, Mo. Adjustable gate. 2,572,171, Oct. 23.
McCullough, Frank S., assignee: *See*—
Waters, Edward C., and McCullough.
McCullough, George A., Chicago, Ill. Photographic lighting bank. 2,551,753, May 8.
McCullough, I. J., assignee: *See*—
Sweetman, William G.
McCullough, Ira J., assignor to McCullough Tool Company, Los Angeles, Calif. Gun perforator. 2,551,031, May 1.
McCullough, Jack A.: *See*—
Eitel, William W., and McCullough.
Eitel, William W., McCullough, and Sorg.
McCullough, Jack D., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Synchronizer. 2,553,059, May 15.
McCullough, O. J., assignee: *See*—
Sweetman, William G.
McCullough, Patrick E., Chicago, Ill. Joint for roofing or like sheets. 2,571,273, Oct. 16.
McCullough, Paul J., assignor, by mesne assignments, to The Toastswell Company, Incorporated, St. Louis, Mo. Clock balance escapement device. 2,540,828, Feb. 6.
McCullough, Russell H., assignor to Fox West Coast Theatres Corporation, Los Angeles, Calif. Projection room wall. 2,573,858, Nov. 6.
McCullough Tool Company, assignee: *See*—
Brookes, Norman.
McCullough, Ira J.
Tow, James O.
McCullough, William E., assignor to Bohn Aluminum & Brass Corporation, Detroit, Mich. Red brass, capable of being hot-worked. 2,577,426, Dec. 4.
McCullough, William E., Detroit, and E. O. Goerke, Dearborn, assignors to Bohn Aluminum & Brass Corporation, Detroit, Mich. Manufacturing bearings. 2,555,497, June 5.
McCully, Harry, Chicago, Ill. Rule attachment. 2,549,503, Apr. 17.
McCully, Harry, Chicago, Ill. Hook for measuring tape. 2,574,272, Nov. 6.
McCune, Joseph C., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Rotatable friction element. 2,553,828, May 22.
McCune, Joseph C., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Disk brake. 2,561,445, July 24.
McCune, William J. Jr., South Lincoln, assignor to Polaroid Corporation, Cambridge, Mass. Photographic image receiving sheet. 2,563,387, Aug. 7.
McCurdy, Everett D., trustee, assignee: *See*—
Brennan, Joseph B.
McCurdy, Harold H., Astoria, Oreg. Collapsible poultry shipping crate. 2,539,260, Jan. 23.
McCurtain, Frank, Los Angeles, Calif., assignor, by mesne assignments, to H. W. Tamka, Reno, Nev., as trustee. Electric brake. 2,565,038, Aug. 21.
McCusker, John H., Dallas, Pa., assignor to Native Laces & Textiles, Incorporated, New York, N. Y. Coacting endless belt conveyer. 2,572,172, Oct. 23.
McCusker, Richard W., Pikesville, Md. Hole center scale. 2,537,473, Jan. 9.
McCutchan, George L., assignor to Rome Cable Corporation, Rome, N. Y. Making shielded electrical conductors. 2,544,430, Mar. 6.
McDade, John B., Scranton, Pa. Loading machine. Re. 23,392, July 17.
McDaid, Neil J., assignor of ten per cent to Toole-Woodward Engineering Company, Charleston, S. C. Spotlighting unit. 2,557,129, June 19.
McDaniel, Boyce D.: *See*—
Higinbothan, William A., and McDaniel.
McDaniel, Eskel J., St. Louis, Mo. Shoe platform construction. 2,547,480, Apr. 3.
McDaniel, Lloyd E., assignor to Merck & Co., Inc., Rahway, N. J. Production of streptomycin using soybean meal-distillers solubles medium. 2,538,942, Jan. 23.
McDaniel, Lloyd E., Rahway, and D. Hendlin, Elizabeth, assignors to Merck & Co., Inc., Rahway, N. J. Production of streptomycin. 2,538,943, Jan. 23.
McDaniel, Lloyd E., Rahway, N. J., and A. B. Hodges, Washington, D. C., assignors to Merck & Co., Inc., Rahway, N. J. Production of streptomycin-resistant strains of streptomyces griseus. 2,545,554, Mar. 20.
McDaniel, William T., Jr., Asheville, and J. R. Le Grand, Wilmington, N. C., assignors to Tennessee Valley Authority. Grinding mica. 2,547,336, Apr. 3.
McDavitt, Thomas V., assignee: *See*—
Bian, John T.
McDerment, Matthew C., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Air impeller. 2,579,119, Dec. 18.
McDermott, Edward B., Brooklyn, N. Y., assignor to The Sperry Corporation. Electroplating on aluminum. 2,541,083, Feb. 13.
McDermott, Henry J.: *See*—
Garden, Henry B., and McDermott.
McDermott, Henry J., Collingdale, Pa., assignor to American Viscose Corporation, Wilmington, Del. Semipositive clutch for spinning boxes. 2,538,258, Jan. 16.
McDermott, Henry J., Collingdale, Pa., assignor to American Viscose Corporation, Wilmington, Del. Heating drum. 2,547,086, Apr. 3.
McDermott, Henry J., Collingdale, Pa., assignor to American Viscose Corporation, Wilmington, Del. Tension device and winding system. 2,556,285, June 12.
McDermott, Henry J., Collingdale, Pa., assignor to American Viscose Corporation, Wilmington, Del. Tail winding device. 2,570,469, Oct. 9.
McDermott, Henry J., Collingdale, and J. W. Pedlow, Media, Pa., assignors to American Viscose Corporation, Wilmington, Del. Spinning artificial fibers. 2,536,094, Jan. 2.
McDermott, J. T., assignee: *See*—
Fox, Lorenzo L.
McDermott, John P.: *See*—
McNab, John G., Hakala, and McDermott.
McDermott, John P., Roselle, N. J., assignor to Standard Oil Development Company. Esters of polyether acids and process. 2,542,550, Feb. 20.
McDermott, John P., Roselle, N. J., assignor to Standard Oil Development Company. Oxidation resisting hydrocarbon products. 2,545,158, Mar. 13.
McDermott, Mary, administratrix: *See*—
McDermott, Paul F., and Holcomb.
McDermott, Paul F., deceased, Martinsville; by M. McDermott, administratrix, Plainfield, N. J., and H. E. Holcomb, Stratford, Conn., assignors to Johns-Manville Corporation, New York, N. Y. Insulating covering. 2,577,427, Dec. 4.
McDevitt, John W., Davenport, Iowa. Lifter for lifting roast fowl, meat, etc. 2,566,577, Sept. 4.
McDevitt, John W., Davenport, Iowa. Adjustable cake cutter. 2,571,465, Oct. 16.
McDill, Hardin B.: *See*—
Mahan, Challies B., and McDill.
McDonald, Alexander, Gordon, near Sydney, New South Wales, Australia, assignor to Industrial Metal Protectives, Inc., Wilmington, Del. Protectively coating metal and the resulting coated product. 2,576,845, Nov. 27.
McDonald, Archibald M.: *See*—
Thomson, Robin H. K., Tetlow, and McDonald.
McDonald, Bertrand N., Aurora, Ill., assignor to The Babcock & Wilcox Company, Rockleigh, N. J. Steam generator. 2,536,072, Jan. 2.
McDonald, Charles D., assignor to Glendora Manufacturing Company, Glendora, Calif. Balanced door mechanism. 2,551,032, May 1.
McDonald, Chauncey F., Oswego, N. Y. Garment hanger. 2,551,686, May 8.
McDonald Company, The, assignee: *See*—
McDonald, John J.
Walsh, Freeman R.
McDonald, David, Birmingham, Ala. Chair comprised of resilient side frame members. 2,557,671, June 19.
McDonald, Donald, Dayton, Ohio. Tire compress and control. 2,556,593, June 12.
McDonald, Donald, Dayton, assignor of one-half to P. Frobe, Cincinnati, Ohio. Pneumatic debagging machine. 2,568,244, Sept. 18.
McDonald, Edward A., Beverly Hills, Calif. Adjustable electrode spark plug. 2,540,453, Feb. 6.
McDonald, Frank A., San Francisco, Calif. Variable diameter rotor for manifold valves. 2,536,199, Jan. 2.
McDonald, G. H., assignee: *See*—
Anderson, James E.
McDonald, George D., assignor to Hall-Mack Company, Los Angeles, Calif. Toilet paper holder. 2,561,584, July 24.
McDonald, George J., Danbury, England, assignor to Radio Corporation of America. Diversity reception system. 2,551,805, May 8.
McDonald, Gordon R., Erie, Pa., assignor to General Electric Company. Electrical power control circuit. 2,545,368, Mar. 13.

McDonald, Guy A., Chicago Heights, Ill., assignor to Victor Chemical Works. Complex alkali metal-aluminum and alkali metal-iron acid phosphates. 2,550,490, Apr. 24.

McDonald, Guy A., Chicago Heights, Ill., assignor to Victor Chemical Works. Baking composition. 2,550,491, Apr. 24.

McDonald, Harrison B., Abilene, Tex. Hydraulic ratio drive. 2,536,200, Jan. 2.

McDonald, Jack A., Duluth, Minn. Portable roof for open-hearth furnaces. 2,550,078, Apr. 24.

McDonald, John H., and J. J. Evans, assignors, by mesne assignments, to Glenbard Tool Mfrs., Inc., Chicago, Ill. Tool for removing the slide from a slide fastener. 2,542,201, Feb. 20.

McDonald, John J., deceased, Newton, Mass.; W. J. McDonald, executor of said J. J. McDonald, assignor to The McDonald Company, Boston, Mass. Beverage dispensing apparatus with recirculating means. 2,547,481, Apr. 3.

McDonald, John P.: *See*—
Schwartz, Joseph P., and J. P., S. H., and T. J. McDonald.

McDonald, Lawrence F., East Greenbush, and C. J. Grace, Slingerlands, N. Y. Unloading device. 2,536,882, Jan. 2.

McDonald, Lawrence F., East Greenbush, and C. J. Grace, Slingerlands, N. Y. Unloading device. 2,536,883, Jan. 2.

McDonald, Lee A., Middletown, Ohio. Fishing reel. 2,568.245, Sept. 18.

McDonald, Neil J.: *See*—
Eustis, Irving N., and McDonald.

McDonald, Richard A., Easton, Pa., assignor to General Aniline & Film Corporation, New York, N. Y. Stirrer. 2,545,824, Mar. 20.

McDonald, Robert L. F., Rochester, N. Y. Pedal lift for velocipedes. 2,548,988, Apr. 17.

McDonald, Stanley H.: *See*—
Schwartz, Joseph P., and J. P., S. H., and T. J. McDonald.

McDonald, Thomas J.: *See*—
Schwartz, Joseph P., and J. P., S. H., and T. J. McDonald.

McDonald, William E., Salt Lake City, Utah. Dock plate. 2,547,956, Apr. 10.

McDonald, William J.: *See*—
Faverty, Clyde B., Hartwig, McDonald, and Wulff.

McDonald, William J., executor: *See*—
McDonald, John J.

McDonnell Aircraft Corporation, assignee: *See*—
Baldwin, Robert J.
Kallal, George W.
Ostroff, Alexander E.

McDonnell, James W., Stanford, Calif. Concrete form. 2,556,594, June 12.

McDonough, Everett G., Yonkers, N. Y., assignor, by mesne assignments, to The Procter and Gamble Company, Cincinnati, Ohio. Permanent waving compositions and methods. 2,577,710, Dec. 4.

McDonough, Everett G., Yonkers, N. Y. Permanent waving compositions and methods. 2,577,711, Dec. 4.

McDonough, John J., Belmont, assignor to Scott & Williams, Incorporated, Laconia, N. H. Circular multi-feed hosiery knitting machine and operating same. 2,576,962, Dec. 4.

McDougal, Murray: *See*—
Graves, Eliot D., and McDougal.

McDowell, Doyle L.: *See*—
Pavey, Thomas F., and McDowell.

McDowell, Thomas, Mount Vernon, Ohio, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Attachment for cutting tables. 2,559,982, July 10.

McDowell, Thomas E., and P. S. Rockwell, assignors to The Pyle-National Company, Chicago, Ill. Explosion-proof lighting fixture having isolated compartments. 2,574,882, Nov. 13.

McDowell, Walter R., Westchester, Ill., assignor to Hotpoint Inc. Heating circuit control for electric ranges. 2,550,579, Apr. 24.

McDowell, Walter R., Westchester, Ill., assignor to Hotpoint Inc. Movable drawer structure. 2,576,407, Nov. 27.

McDowell, Wendell H.: *See*—
Kimball, Donald B., and McDowell.

McDuffie, Bruce, Princeton, N. J., A. D. Schelberg, New York, N. Y., and R. W. Thompson, Minneapolis, Minn., assignors to the United States of America as represented by the United States Atomic Energy Commission. Apparatus for the preparation of metal halides. 2,580,357, Dec. 25.

McDuffie, Harold F., Jr., Camillus, and D. E. Cooper, assignors to Bristol Laboratories, Inc., Syracuse, N. Y. Keto esters of penicillin and preparation thereof. 2,578,570, Dec. 11.

McDyer, Thelma W., and R. D. Closson, Detroit, Mich., assignors to Ethyl Corporation, New York, N. Y. Conversion of hexaalkyldilead to tetraalkyllead. 2,571,987, Oct. 16.

McEachron, Edgar D., E. J. McEachron, G. H. Schroeder and H. G. Friang, assignors to Marathon Battery Company, Wausau, Wis. Leakproof dry cell. 2,541,931, Feb. 13.

McEachron, Edgar J.: *See*—
McEachron, Edgar D., and E. J., and Schroeder and Friang.

McEleney, James R., Leominster, Mass. Tuck comb. 2,551,330, May 1.

McElhannon, Raymond J., Flushing, N. Y., assignor to the United States of America as represented by the Secretary of War. Blind landing system. 2,572,043, Oct. 23.

McElhinney, Thomas R., Lockport, La., assignors to Valite Corporation, New Orleans, La. Synthetic resin and making same. 2,560,299, July 10.

McElroy, Charles D., and K. E. Newkirk, Pueblo, Colo. Revolubly supported stand for gas containers having attached dispensing hoses and a reel, integral with the stand, for said hoses. 2,555,856, June 5.

McElroy, George S., Granville, Ohio, assignor to Owens-Corning Fiberglas Corporation. Method and apparatus for producing fibers. 2,577,204, Dec. 4.

McElroy, Leo J., New York, N. Y. Postage stamp container. 2,576,091, Nov. 27.

McElroy, Mathew H., San Francisco, Calif. Electric swivel connecting plug. 2,542,935, Feb. 20.

McElroy, Robert L., Belton, Tex. Reversible disk plow. 2,546,554, Mar. 27.

McEnroe, Patrick J., Jr.: *See*—
Ferrell, Alton J., and McEnroe.

McEvoy Company, assignee: *See*—
Lillich, Ralph A., and Eichenberg.

McEvoy, James E., Cleveland, Ohio, assignor to Bailey Meter Company. Gas sampling device. 2,550,933, May 1.

McEwen, Floyd L., assignor of two-thirds to F. Barnes and J. B. Mitchell, Corinth, Miss. Mechanical prophylactic. 2,577,345, Dec. 4.

McEwen, Neil, Sr., assignee: *See*—
Ebel, William J.

McEwen, Norman S., Fort Lauderdale, Fla. Wire garment hanger. 2,577,473, Dec. 4.

McFadden, George H.: *See*—
Marvin, John T., and McFadden.

McFadden, John H., Maplewood, Mo. Method and apparatus for working railroad ballast. 2,575,390, Nov. 20.

McFadden, John K., Manhattan Beach, Calif. Hub bolt rethreading and peening tool. 2,557,609, June 19.

McFall, Joe B., assignor to United States Plywood Corporation, Seattle, Wash. Intermittent stock-feeding machine. 2,540,004, Jan. 30.

McFall, Joe B., assignor to United States Plywood Corporation, Seattle, Wash. Material flow control mechanism. 2,554,583, May 29.

McFall, Thurlow E., Sparta, assignor to Muskegon Piston Ring Company, Muskegon, Mich. Piston ring. 2,538,649, Jan. 16.

McFarlan, Randall, New Richmond, Ohio. Strainer-scoop. 2,563,180, Aug. 7.

McFarland, Artie F., assignor to McFarland Manufacturing Corporation, Houston, Tex. Pump. 2,538,842, Jan. 23.

McFarland, Charles M.: *See*—
Scheer, Charles L., and McFarland.

McFarland, Forest R., Huntington Woods, assignor to Packard Motor Car Company, Detroit, Mich. Transmission. 2,559,128, July 3.

McFarland, Forest R., Huntington Woods, assignor to Packard Motor Car Company, Detroit, Mich. Transmission. 2,573,919, Nov. 6.

McFarland, Forest R., Huntington Woods, assignor to Packard Motor Car Company, Detroit, Mich. Transmission. 2,575,522, Nov. 20.

McFarland, Frank R., Houston, Tex., assignor to Sheffield Steel Corporation. Rotary steel scrap shearing machine. 2,580,115, Dec. 25.

McFarland, Joseph H., assignor to Sheller Manufacturing Corporation, Portland, Ind. Steering wheel. 2,573,475, Oct. 30.

McFarland Manufacturing Corporation, assignee: *See*—
McFarland, Artie F.

McFarlane, John A., Bellflower, Calif. Overhead swinging door. 2,557,833, June 19.

McFarlane, Maynard D., Hollywood, Calif. Synchronizing system. 2,556,970, June 12.

McFarlane, William R.: *See*—
Garstang, William W., and McFarlane.

McFarlin, John R., assignor to Electric Service Manufacturing Company, Philadelphia, Pa. Electrical disconnector. 2,559,024, July 3.

McFarlin, Kirk, Short Hills, N. J. Strainer. 2,572,173, Oct. 23.

McFarren, Gerald A.: *See*—
Hooper, Gilman S., and McFarren.

McFarren, Gerald A., Bay Village, assignor to Industrial Rayon Corporation, Cleveland, Ohio. Spinning of acrylonitrile polymers. 2,570,257, Oct. 9.

McFaull, Clarence, Georgetown, Tex. Power actuated shearing tree and brush cutter. 2,565,252, Aug. 21.

McFeaters, Harry L., New Castle, Pa., assignor to Pennsylvania Engineering Corporation. Skimming device for Bessemer converters, large ladles, and the like. 2,554,836, May 29.

McFee, Earl P.: *See*—
Kreidl, Ekkehard L., and McFee.

McFee, Earl P., Gloucester, and J. A. Peters, Rockport, assignors to Gorton-Pew Fisheries Company, Ltd., Gloucester, Mass. Canning seafood and resultant product. 2,554,625, May 29.

McFee, Raymond H., Belmont, assignor to Photoswitch, Inc., Cambridge, Mass. Radiation detector. 2,553,420, May 15.
McFeely Brick Company, assignee: *See*—
Keltz, Frank O.
McFerren, Edgar L., assignor to Giddings & Lewis Machine Tool Company, Fond du Lac, Wis. Way grinding machine. 2,561,936, July 24.
McFetters, Ernest J., Greensboro, N. C. Loom reed. 2,572,365, Oct. 23.
McGaffey, Edgar W.: *See*—
Taylor, Claude C., and McGaffey.
McGaffey-Taylor Corporation, assignee: *See*—
Taylor, Claude C., and McGaffey.
McGahey, Robert E., Jr., Los Angeles, Calif., assignor of one-half to G. C., V. L., and M. H. Holmes, jointly. Cartridge. 2,568,078, Sept. 18.
McGahey, Robert E., Jr., Los Angeles, Calif., assignor of one-half to G. C., V. L., and M. H. Holmes, jointly. Refire adapter for cartridges. 2,568,079, Sept. 18.
McGahey, Robert E., Jr., Los Angeles, Calif., assignor of one-half to G. C., V. L., and M. H. Holmes, jointly. Cartridge. 2,568,080, Sept. 18.
McGarry, John T., deceased, Cincinnati, Ohio; M. F. McGarry, executrix of said J. T. McGarry, assignor to Railroad Products Company, Cincinnati, Ohio. Water service apparatus. 2,552,729, May 15.
McGarry, John T., deceased, Cincinnati, Ohio; M. F. McGarry, executrix, assignor to Railroad Products Company, Cincinnati, Ohio. Water service apparatus. 2,578,143, Dec. 11.
McGarry, Mary F., executrix: *See*—
McGarry, John T.
McGarry, Richard J., assignor to The M. W. Kellogg Company, New York, N. Y. Air inlet structure for combustion chambers. 2,541,171, Feb. 13.
McGarvey, Alan R., Manheim Township, Lancaster County, assignor to Armstrong Cork Company, Lancaster, Pa. Continuous process of producing molded basic magnesium carbonate. 2,536,073, Jan. 2.
McGarvey, Francis X.: *See*—
Kunin, Robert, and McGarvey.
McGauley, Patrick J., Glen Cove, E. S. Roberts, and S. Strelzoff, assignors to Chemical Construction Corporation, New York, N. Y. Recovery of sulfur from native sulfur-bearing ores. 2,537,842, Jan. 9.
McGauley, Patrick J., Glen Cove, and E. S. Roberts, assignors to Chemical Construction Corporation, New York, N. Y. Recovery of copper from its ores and minerals. 2,568,963, Sept. 25.
McGavack, John, Leonia, and C. E. Linscott, Ridgewood, N. J., assignors to United States Rubber Company, New York, N. Y. Rubber and carbon black mixes directly from natural rubber latex. 2,560,235, July 10.
McGay, John B.: *See*—
Nicholson, George E., and McGay.
McGeady, Edward F., Baltimore, Md. Can draining machine. 2,545,293, Mar. 13.
McGee, James D., London, assignor to Electric & Musical Industries Limited, Hayes, England. Electron discharge tube. 2,572,644, Oct. 23.
McGee, Kenneth, Dayton, and H. D. Vanderpool, Springfield, Ohio. Socket member for coaxial connectors. 2,557,130, June 19.
McGee, Leland T., Los Angeles, Calif. Hydraulic pump. 2,543,796, Mar. 6.
McGee, Leland T., Los Angeles, Calif. Bowl control for carry type scrapers. 2,566,901, Sept. 4.
McGee, Zitella A., Hartford, Conn. Face shield. 2,552,803, May 15.
McGehee, Burnard, assignor of one-third to L. S. McClaren and one-third to N. B. Gillis, McComb, Miss. Porch glider. 2,567,611, Sept. 11.
McGehee, Burnard, assignor of one-third to L. S. McClaren and one-third to N. B. Gillis, McComb, Miss. Porch glider. 2,567,612, Sept. 11.
McGeorge, Herbert: *See*—
Rowell, George S., and McGeorge.
McGihon, Leonard, San Leandro, assignor to King Sales & Engineering Co., San Francisco, Calif. Juice extractor. 2,541,264, Feb. 13.
McGihon, Leonard, San Leandro, Calif., assignor to King Sales & Engineering Co. Processing apparatus for fruits and vegetables. 2,545,159, Mar. 13.
McGihon, Leonard, San Leandro, assignor to King Sales & Engineering Co., San Francisco, Calif. Filling machine. 2,551,033, May 1.
McGihon, Leonard, San Leandro, assignor to King Sales & Engineering Co., San Francisco, Calif. Variable drive transmission. 2,578,012, Dec. 11.
McGill, Chester T., Elgin, and H. Mansen, Barrington, assignors to Elgin Softener Corporation, Elgin, Ill. Fluid treating apparatus. 2,570,258, Oct. 9.
McGill, Eric F. G.: *See*—
Ambrose, Edmund J., and McGill.
McGill Manufacturing Company, Inc., assignee: *See*—
Popp, Rudolf.
McGillis, Hugh D.: *See*—
McGillis, John J. and H. D.
McGillis, John J. and H. D., Brockton, Mass. Liquid control for storage tanks. 2,569,110, Sept. 25.
McGillivray, Clifford J.: *See*—
Hodgins, Robert H., and McGillivray.
McGinnis, Archibald B., assignor to Wheeling Stamping Company, Wheeling, W. Va. Container for condiments and the like and sifter cap therefor. 2,547,590, Apr. 3.
McGinnis, James: *See*—
Garibaldi, John A., Ijichi, Lewis, and McGinnis.
McGinley, James J., Williston Park, and W. C. Di Paola, Brooklyn, N. Y., assignors to American Machine and Foundry Company. Hot seal cooling mechanism. 2,563,858, Aug. 14.
McGinn, Earl P., Verona, N. J., assignor to Nopco Chemical Company. Defoaming agent for pulp and paper stock. 2,563,856, Aug. 14.
McGinn, Earl P., Verona, N. J., assignor to Nopco Chemical Company. Defoaming agent for pulp and paper. 2,563,857, Aug. 14.
McGinty, William K.: *See*—
Eckert, George E., and McGinty.
McGlade, Hugh B., Columbus, Ohio. Induction coil. 2,550,283, Apr. 24.
McGlade, Hugh B., Columbus, Ohio. Illuminated fishing float. 2,559,084, July 3.
McGlinchey, Arthur E., assignor to M. K. Manufacturing Corp., New York, N. Y. Dental handpiece. 2,542,693, Feb. 20.
McGlone, Ronald A., Flint, Mich., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Heat-resistant coating composition. 2,538,974, Jan. 23.
McGlothlen, John L., Pittsburgh, Pa. Ladder tread. 2,562,564, July 31.
McGlynn Hays Industries, Inc., assignee: *See*—
Norcross, Gilbert F.
McGoffin, William W., assignor of one-fifth to S. S. Baker, New York, N. Y. Automatic audio level control apparatus. 2,551,150, May 1.
McGoffin, William W., assignor of one-third to S. S. Baker, New York, N. Y. Selector calling system. 2,563,127, Aug. 7.
McGough, Earl J., Costa Mesa, Calif. Clamp for building forms. 2,572,366, Oct. 23.
McGovern, Anna, Washington, D. C. Napkin holder. 2,554,951, May 29.
McGovern, Bernard F., assignor to Wingfoot Corporation, Akron, Ohio. Apparatus for the inspection of tire treads. 2,541,659, Feb. 13.
McGowan, Frank K., Elizabeth, N. J. Gas filtering device. 2,574,053, Nov. 6.
McGowan, Michael E., Bloomfield, and P. E. C. Moes, West Orange, N. J., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Gas burner having port-connecting pilot slot. 2,546,009, Mar. 20.
McGowan, Thomas R., St. Louis, Mo., assignor to The American Brake Company, Swissvale, Pa. Clasp brake mechanism. 2,543,326, Feb. 27.
McGowan, Thomas R., Pittsburgh, assignor to The American Brake Company, Swissvale, Pa. Brake mechanism. 2,575,825, Nov. 20.
McGrath, Henry G.: *See*—
Burton, William P., and McGrath.
McGrath, Henry G., Elizabeth, assignor to The M. W. Kellogg Company, Jersey City, N. J. Synthesis of organic compounds. 2,539,847, Jan. 30.
McGrath, Henry G., Elizabeth, assignor to The M. W. Kellogg Company, Jersey City, N. J. Synthesis of organic compounds. 2,542,422, Feb. 20.
McGrath, Henry G., Elizabeth, assignor to The M. W. Kellogg Company, Jersey City, N. J. Selective hydrogenation of aldehydes. 2,543,038, Feb. 27.
McGrath, Henry G., Elizabeth, and L. C. Rubin, West Caldwell, assignors to The M. W. Kellogg Company, Jersey City, N. J. Preparation of reduced magnetite synthesis catalyst. 2,543,327, Feb. 27.
McGrath, Henry G., Elizabeth, H. J. Passino, Englewood, and L. C. Rubin, West Caldwell, assignors to The M. W. Kellogg Company, Jersey City, N. J. Separation of organic compounds. 2,571,151, Oct. 16.
McGrath, Henry G., E. and L. C. Rubin, West Caldwell, assignors to The M. W. Kellogg Company, Jersey City, N. J. Synthesis of organic compounds. 2,580,116, Dec. 25.
McGrath, Marshall W.: *See*—
Lenhart, Bernard B., and McGrath.
McGrath, Martin E., Webster Grooves, Mo. Masonry saw. 2,557,672, June 19.
McGrath, William L.: *See*—
Berestneff, Alexis A., and McGrath.
McGrath, William L., assignor to Carrier Corporation, Syracuse, N. Y. Air-conditioning control arrangement. 2,547,879, Apr. 3.
McGrath, William L., assignor to Carrier Corporation, Syracuse, N. Y. Temperature controlling valve. 2,556,479, June 12.
McGrath, William L., assignor to Carrier Corporation, Syracuse, N. Y. Control bulb for thermal expansion valves. 2,577,902, Dec. 11.
McGrath, William L., assignor to Carrier Corporation, Syracuse, N. Y. Control bulb for thermal expansion valves. 2,577,903, Dec. 11.
McGraw Electric Company, assignee: *See*—
Amundson, Roald H., and Dryer.
Campbell, Date S.
Dryer, Henry V.
Gomersall, John R.
Hansen, Carl I.
Kaminky, Oscar H.

McGraw Electric Company, assignee: *See*—Continued.
Link, Edwin A.
McAlister, Craig L.
Miller, George W.
Nelson, Rolland D.
Olving, Bror G.
Osterheld, Clark M.
Shappell, Dallas P.
Schindler, Carl.
Schultz, William O.
Steinmayer, Alwin G.
Steinmayer, Alwin G., and Link.
Stoelting, Herman O., and Kuzela.
Van Ryan, Anthony.
Van Ryan, Anthony, and Harry.
Van Ryan, Anthony, and Rigert.
Van Ryan, Anthony, and Schindler.
Wiegand, David E.
Willman, Philip E.
Zwelling, Martin I.

McGraw, John T., Los Angeles, assignor, by mesne assignments, to E. D. Fryer, Beverly Hills, Calif. Vehicle parking system. 2,573,587, Oct. 30.

McGraw, William F., Detroit, Mich. Collecting receptacle for urine. 2,544,341, Mar. 6.

McGreal, Martin E.: *See*—
Niederl, Joseph B., Hart, and McGreal.

McGregor, Alexander D., Toronto, and J. L. Gropp, Hamilton, Ontario, Canada. Unitary load transfer device. 2,543,295, Feb. 27.

McGregor, Angus H., Miami, Fla. Heat concentrator for use with cooking utensils. 2,541,265, Feb. 13.

McGregor, Angus H., Miami, Fla. Disappearing hanger bolt. 2,554,415, May 22.

McGrew, Ralph W.: *See*—
Weisz, Daniel I., Maroney, and McGrew.

McGruer, Fortier, Meyers, Limited, assignee: *See*—
Haley, Charles W.

McGuinness, Joseph J., assignor to J. M. Freiheit Waterbury, Conn. Pry type vacuum cap remover. 2,546,037, Mar. 20.

McGuinness, Walter L., Waltham, Mass. Traction providing device for automobile tires and the like. 2,577,142, Dec. 4

McGuire, Arthur M., assignor to Hydroway, Incorporated, Philadelphia, Pa. Mixing chamber for suction cleaners. 2,566,030, Aug. 28.

McGuire, Cap, Huntington Park, Calif. Feeler gauge holder. 2,564,812, Aug. 21.

McGuire, Clarence V., Grosse Pointe, Mich. Seat. 2,565,870, Aug. 28.

McGuire, Daniel S., assignor of one-fourth to P. Barton and one-fourth to C. V. Marinaro, Butler, Pa. Post sign. 2,539,546, Jan. 30.

McGuire, F. Willis, assignee, trustee: *See*—
Huber, Elmer J.

McGuire, Frank R., Maybee, Mich. Mechanical brake for vehicles. 2,551,448, May 1.

McGuire, Gene S., assignor of one-quarter to R. Wallace and one-quarter to D. McMurray, Des Moines, Iowa. Handle attachment for bag containers. 2,576,259, Nov. 27.

McGuire, J. Roy, Dayton, Ohio. Composite aircraft flight instrument. 2,538,843, Jan. 23.

McGuire, John R., Dayton, Ohio. Aircraft air-speed regulator. 2,542,202, Feb. 20.

McGuire, John S., Kansas City, Kans. Fishing rod handle. 2,554,787, May 29.

McGuire, Winston B., assignor to P. O. M. Company, New York, N. Y. Servicing installation for winders. 2,536,510, Jan. 2

McHale, Michael J., Scranton, Pa. Flier construction. 2,577,346, Dec. 4.

McHale, Michael J., Scranton, Pa. Flier construction. 2,577,347, Dec. 4.

McHarness, Robert C.: *See*—
Benning, Anthony F., McHarness, Richards, and Feldmann.
Downing, Frederick B., Benning, and McHarness.

McHarry, John W., Juniata, Nebr. Resilient shoe flap connecting and fastening means. 2,575,226, Nov. 13.

McHenry, Elmer F., St. Louis, Mo. Motor truck decking. 2,540,400, Feb. 6.

McHenry, Elmer F., St. Louis, Mo. Vehicle body closure assembly. 2,573,476, Oct. 30.

McHose, Harold F., Musselshell, Mont. Navigational instrument. 2,546,764, Mar. 27.

McHugh, Edward R., assignee: *See*—
Hiller, Gustave.

McIlroy, Arthur, assignee: *See*—
Greenstein, Saul.

McIlvried, Edwin J., and N. H. Nye, assignors to The Vaughn Machinery Company, Cuyahoga Falls, Ohio. Draw bench. 2,554,998, May 29.

McIlwaine, Warnock M., San Pedro, Calif. Canvas awning attachment. 2,579,947, Dec. 25.

McInerney, James M.: *See*—
McInerney, William K. and J. M.

McInerney, William K. and J. M., Grand Rapids, Mich. Tension regulation coil spring. 2,567,520 Sept. 11.

McInerney, William K. and J. M., Grand Rapids, Mich. Spring selecting and feeding machine. 2,578,438, Dec. 11.

McIntire, Thomas S., Watertown, Mass. Automatic closure for sliding pole floor holes. 2,562,502, July 31.

McIntosh, A. Vern, Jr.: *See*—
Levin, Robert H., McIntosh, and Spero.

McIntosh, Donald J., and M. Smith, Detroit, Mich., said McIntosh assignor to said Smith. Chain structure. 2,546,368, Mar. 27.

McIntosh, Donald J., and M. Smith, assignors, by mesne assignments, to said M. Smith, Detroit, Mich. Chain structure. 2,568,649, Sept. 18.

McIntosh, Donald J., and M. Smith, assignors, by mesne assignments, to said M. Smith, Detroit, Mich. Chain structure. 2,568,650, Sept. 18.

McIntosh, Donald J., and M. Smith, Detroit, Mich.; said McIntosh assignor to said Smith. Chain structure. 2,568,651, Sept. 18.

McIntosh, Frank H., Chevy Chase, Md. Modulator system. 2,545,788, Mar. 20.

McIntosh, Kenneth L., New Orleans, La., assignor, by mesne assignments, to Butler De-Scaler Corporation, Jacksonville, Fla. Electrolytic water correction device. 2,557,989, June 26.

McIntosh, Leonard S., assignor of one-half to N. Nevelow, San Antonio, Tex. Oil pressure regulator. 2,573,477, Oct. 30.

McIntosh, Ralph O., Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Treating Kovar. 2,575,724, Nov. 20.

McIntyre, Archibald R., and A. L. Dunn, Omaha, Nebr. Electrode-carrying headgear for electro-encephalographic analysis. 2,549,836, Apr. 24.

McIntyre, Brouwer D., C. J. Smith, and J. Dutton, assignors to Patent Development Company, Monroe, Mich. Shock absorber construction. 2,546,038, Mar. 20.

McIntyre, Frank, assignor to Wilkinson Rubber Linatex Limited, London, England. Rubber drum for ball mills, pebble mills, and like machines. 2,542,778, Feb. 20.

McIntyre, Frank L., Rochester, N. Y. Grape vineyard or orchard hoeing machine. 2,545,100, Mar. 13.

McIntyre, Glenn H.: *See*—
Skinner, Robert E., and McIntyre.

McIntyre, Glenn H., Cleveland Heights, assignor to Ferro Enamel Corporation, Cleveland, Ohio. Continuous smelter. 2,539,694, Jan. 30.

McIntyre, Glenn H., Cleveland Heights, Ohio, and M. G. Ammon, Nashville, Tenn. Producing a corrosion resistant coating on steel. 2,542,043, Feb. 20.

McIntyre, James D., Jackson, Ala. Prefabricated nail keg. 2,554,043, May 22.

McIntyre, John C., Ticonderoga, N. Y. Toe lift attachment for leg braces. 2,536,454, Jan. 2.

McIntyre, Manuel A., Napa County, assignor, by mesne assignments, to R. K. McIntyre, San Francisco, Calif. Artificial leg. 2,570,581, Oct. 9.

McIntyre, Norman C., Tulsa, Okla. Bottom hole plug for wells. 2,576,234, Nov. 27.

McIntyre, Rose K., assignee: *See*—
McIntyre, Manuel A.

McIntyre, Sidney S., Sedro-Woolley, Wash. Log-handling derrick. 2,558,306, June 26.

McIntyre, Tillman J., Crowley, La. Gas distillate trap. 2,555,452, June 5.

McIver, Birth A., assignee: *See*—
Boyer, Martin.

McJilton, Lee D.: *See*—
Ells, Leslie D., and McJilton.

McKaig-Hatch Inc., assignee: *See*—
Kempf, Karl F. W.

McKate, Claude C., Denver, Colo. Casting reel. 2,569,770, Oct. 2.

McKay, Arthur F., assignor to The Minister of National Defence of Canada, Ottawa, Ontario, Canada. Preparation of nitroxyethyl-dinitro-guanidine. 2,538,907, Jan. 23.

McKay, Arthur F., Kingston, Ontario, assignor to The Honorary Advisory Council for Scientific and Industrial Research, Ottawa, Ontario, Canada. N-alkyl-N-nitroso-N′-nitroguanidines. 2,555,498, June 5.

McKay, Arthur F., Kingston, assignor to The Honorary Advisory Council for Scientific and Industrial Research, Ottawa, Ontario, Canada. Preparation of N-substituted N′-nitro-guanidines. 2,559,085, July 3.

McKay-Davis Chemical Corporation, assignee: *See*—
Donofrio, Alfonso M.

McKay, George W., Portland, Oreg. Combination table and shelves. 2,575,725, Nov. 20.

McKay, H. Dexter, executor: *See*—
Bertea, Alex.

McKay, Herbert C., Eustis, Fla., assignor of fifty per cent to A. Martinek, New York, N. Y. Multiple purpose cabinet table photographic projection printer. 2,552,990, May 15.

McKay, James G., Chicago, Ill. Adjustable inking device. 2,562,627, July 31.

McKay, John F., Jr.: *See*—
Dornte, Ralph W., and McKay.
Swaney, Miller W., Yowell, and McKay.

McKay, John F., Jr., Cranford, and L. Z. Jasion, Elizabeth, N. J., assignors to Standard Oil Development Company. Selective crab grass herbicidal compositions containing oxo bottoms. 2,575,282, Nov. 13.

McKay, Kenneth G.: *See*—
Johnson, John B., and McKay.

McKay, Kenneth G., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Bombardment induced conductivity in solid insulators. 2,543,039, Feb. 27.
McKay, Leslie J., Orlando, Fla. Key retaining device. 2,568,081, Sept. 18.
McKay, Neil S., Deerfield, Ill., A. L. Clements, De Leon Springs, Fla., and F. J. Hicks, Hoboken, N. J., assignors to American Hair & Felt Company, Chicago, Ill. Drive control system for felt production. 2,574,580, Nov. 13.
McKay Products Corporation, assignee: *See*—
Palen, Mary F. J.
McKay, William R., Compton, Calif. Offset disk harrow. 2,568,082, Sept. 18.
McKay, William R., South Gate, Calif. Adjustable bearing for disk harrows and the like. 2,566,991, Sept. 4.
McKays Company, The, assignee: *See*—
Albertson, Lawrence E.
McKeague, James J., Chicago, Il. Safety valve. 2,567,439, Sept. 11.
McKeague, John F., Thorold, Ontario, Canada. Preheating secondary air feeding furnace door mounted device. 2,549,219, Apr. 17.
McKean, William, assignor to H. & A. Selmer, Inc., Elkhart, Ind. Clarinet swab. 2,537,149, Jan. 9.
McKechnie, Ian C., Detroit, Mich., assignor to Primeweld Corporation. Secondary winding for transformers. 2,553,665, May 22.
McKechnie, Ian C., assignor to Primeweld Corporation, Detroit, Mich. Impregnating and cooling electric windings. 2,553,666, May 22.
McKechnie, Robert K., Ballston Lake, A. U. Seybolt, Scotia, N. Y., and J. E. Gray, New Alexandria, Va., assignors to the United States of America as represented by the United States Atomic Energy Commission. Production of pure ductile vanadium from vanadium oxide. 2,561,526, July 24.
McKee, Albert E., Chicago, Ill. Oxygen administration. 2,567,225, Sept. 11.
McKee, Albert E., Chicago, and J. D. Elsom, Evanston, Ill.; said Elsom assignor to said McKee. Oxygen administration system. 2,567,224, Sept. 11.
McKee, Clare A., Highland Park, Ill. Implement holder. 2,570,141, Oct. 2.
McKee, Clare A., Highland Park, Ill. Land-leveling device. 2,570,142, Oct. 2.
McKee Door Company, assignee: *See*—
Frentzel, Herman C.
Matchett, Mahlon M.
Ritter, Bert.
Vaughn, Joseph J.
McKee, Harold F., Cleveland, and F. A. Kosmerl, East Cleveland, Ohio. Pyrophoric burner lighter. 2,553,101, May 15.
McKee, Hilton J.: *See*—
Burge, James S., Goodwin, and McKee.
Burge, James S., McKee, and Goodwin.
McKee, Ralph H., New York, N. Y. Making paper containers greaseproof. 2,544,509, Mar. 6.
McKee, Robert C., assignor to The Institute of Paper Chemistry, Appleton, Wis. Corrugated board and making same. 2,568,349, Sept. 18.
McKeehan, Eugene H.: *See*—
Whitnah, Ronald L., and McKeehan.
McKeehan, Eugene H., St. Louis, Mo. Shelf divider. 2,538,908, Jan. 23.
McKeen, Harold E., Vancouver, British Columbia, Canada. Hot-water bottle stopper or cork. 2,547,337, Apr. 3.
McKeever, Charles H., Glenside, and J. O. Van Hook, Roslyn, assignors to Rohm & Haas Company, Philadelphia, Pa. 1,3,5-tris (isopropenyl) benzene. 2,542,551, Feb. 20.
McKeever, Louis W., assignor of one-third to R. E. Beck, and one-third to E. C. Carlson, Rockford, Ill. Magnetic racing game device. 2,551,806, May 8.
McKellin, Wilbur H., and F. G. Bordwell, Evanston, Ill., assignors to The Texas Company, New York, N. Y. 3-substituted derivatives of 2,3-dihydrothianaphthene-1-dioxide. 2,557,673, June 19.
McKellops, Harry L., assignee: *See*—
Shaw, Walter H.
McKelvey, James K.: *See*—
Wyandt, John J., and McKelvey.
McKendrey, Leo, Shullsburg, Wis. Wagon box lift. 2,573,478, Oct. 30.
McKendry, John K.: *See*—
Garman, Raymond L., and McKendry.
McKenney, Henry F., Flushing, and W. H. Newell, New York, N. Y., assignors to The Sperry Corporation. Motor control system. 2,546,271, Mar. 27.
McKenney, Henry F., Flushing, and W. H. Newell, New York, N. Y., assignors to The Sperry Corporation. Web registration device. 2,576,529, Nov. 27.
McKenzie, Clarence M., Canfield, Ohio. Bolt cutter. 2,539,312, Jan. 23.
McKenzie, Clarence M., Canfield, Ohio. Ladder clamp. 2,550,365, Apr. 24.
McKenzie, Daniel J., Pottsville, Pa. Case for match packages. 2,556,817, June 12.
McKenzie, Herman E., Big Bay, Mich., assignor to The Brunswick-Balke-Collender Company, Chicago, Ill. Bowling pin hardening apparatus. 2,562,807, July 31.
McKenzie, Milton W., Abilene, Tex. Display card holder for parking meters. 2,572,174, Oct. 23.
McKenzie, Samuel B., assignor to Connector Locks (Canada) Limited, Toronto, Ontario, Canada. Connector device. 2,578,723, Dec. 18.
McKhann, Charles F., Bratenahl, and G. A. Bricmont, Berea, assignors to Diapette, Inc., Bratenahl, Ohio. Diaper pants and pad for same. 2,549,982, Apr. 24.
McKibben, Horace E., Grand Junction, and B. I. Newton, South Haven, assignors to Hydro-Cam Drives Corporation, Grand Rapids, Mich. Hydraulic pump or motor. 2,569,185, Sept. 25.
McKibben, Joseph L., Madison, Wis., assignor to the United States of America as represented by the United States Atomic Energy Commission. Neutron detector. 2,556,768, June 12.
McKiever, Robert F., Endicott, assignor to International Business Machines Corporation, New York, N. Y. Wire contact storage unit. 2,547,482, Apr. 3.
McKillop, Andrew, Detroit, Mich. Drawing instrument. 2,561,585, July 24.
McKim, Burton, and W. B. Strickler, East Orange, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system requiring different types of pulses. 2,564,441, Aug. 14.
McKim, Francis L. W.: *See*—
Cambron, Adrien, and McKim.
McKim, Stanton R., assignor to Union Steel Products Company, Albion, Mich. Handling pallet or skid adapted for lifting trucks and the like. 2,546,830, Mar. 27.
McKinley, Benjamin P., Evanston, Ill. Electrical outlet. 2,577,974, Dec. 11.
McKinley, James G., Waynesville, N. C., assignor to The Dayton Rubber Company. Method of and apparatus for the manufacture of flexible conduits. 2,570,259, Oct. 9.
McKinley, James W., Monticello, Ill. Material spreader having a vibratory hopper bottom. 2,565,143, Aug. 21.
McKinley, John P., Buffalo, N. Y. Incinerator. 2,545,625, Mar. 20.
McKinley, Joseph B.: *See*—
Starnes, William C., and McKinley.
McKinley, Major R., Monongahela, Pa. Pipe-line device. 2,571,916, Oct. 16.
McKinley, Orman O., Indianapolis, and J. Long, Zionsville, Ind.; said Long assignor to said McKinley. Storm window construction. 2,566,067, Aug. 28.
McKinley, Thomas L., Miami, Fla. Form for molding precast concrete window frames. 2,539,917, Jan. 30.
McKinley, Tress L., Temple, Tex. Invalid's bedchair. 2,546,765, Mar. 27.
McKinnell, Matthew: *See*—
Malone, James L., and McKinnell.
McKinney, Ansel, Jr.: *See*—
McKinney, Ansel, Sr. and Ansel, Jr.
McKinney, Ansel, Jr., Berkeley, Calif. Nail polish brush guide. 2,559,825, July 10.
McKinney, Ansel, Sr., and A. McKinney, Jr., Berkeley, Calif. Hairpin dispenser. 2,559,826, July 10.
McKinney, Dwight D., Drexel Hill, Pa., assignor to Houdry Process Corporation, Wilmington, Del. Control of hydrocarbon reactions in moving solids contacting systems. 2,558,769, July 3.
McKinney, Dwight D., Drexel Hill, Pa., assignor to Houdry Process Corporation, Wilmington, Del. Catalytic contacting unit with gas separator. 2,577,791, Dec. 11.
McKinney, Guy E., and P. J. Motter, Canton, Ohio. Alloying magnesium with ferrous metals. 2,574,581, Nov. 13.
McKinney, Howard E., Houston, Tex., assignor to Shell Development Company, San Francisco, Calif. Lubricator device. 2,555,145, May 29.
McKinney, Ida, administratrix: *See*—
Ruden, Arthur C.
McKinney, Leonard L., J. C. Cowan, and E. H. Uhing, Peoria, Ill., assignors to the United States of America as represented by the Secretary of Agriculture. Beta-cyanoethyl derivatives of amino acids and preparing them. 2,538,024, Jan. 16.
McKinney, Leonard L., E. H. Uhing, E. A. Setzkorn, and J. C. Cowan, Peoria, Ill., assignors to the United States of America as represented by the Secretary of Agriculture. N-beta-propionic acid derivatives of alpha-amino acids. 2,562,198, July 31.
McKinney Manufacturing Company, assignee: *See*—
Milburn, Vernon S.
McKinnon, William H., assignee: *See*—
Coulter, Hugh A.
McKinsey, Clarence E.: *See*—
Huntley, Charles N., and McKinsey.
McKinsey, Clarence E., Painesville, Ohio, assignor to General Electric Company. Wire packaging apparatus. 2,549,322, Apr. 17.
McKinsey, Clarence E., Painesville, Ohio, assignor to General Electric Company. Swaging machine and feeder therefor. 2,571,594, Oct. 16.
McKinstry, Annie E., Brunswick, Ga. Posthole auger for power saws. 2,576,799, Nov. 27.
McKinstry, William S., and W. E. Little, Richmond, Calif. Pitchometer support. 2,550,707, May 1.
McKissick, William H., Tulsa, Okla. Stuffing box. 2,564,912, Aug. 21.
McKneely, Floyd B., Great Kills, N. Y. Chain washing device. 2,545,890, Mar. 20.
McKnight, Arch C., Jr., Torrance, Calif. Portable outdoor cooking stove and barbecue. 2,556,365, June 12.

McKnight, Arch C., Jr., Torrance, Calif. Mechanic's tool. 2,578,077, Dec. 11.
McKnight, Stewart, assignor to Mohawk Carpet Mills, Inc., Amsterdam, N. Y. Pile fabric loom. 2,559,507, July 3.
McKoy, George C., Atlanta, Ga. Article packaging device. 2,554,713, May 29.
McLachlan, H. & Co. Incorporated, assignee: *See*— Hunter, Hugh W
McLachlan, Robert A., North Vancouver, British Columbia, assignor to Dominion Bridge Company Limited, Quebec, Quebec, Canada. Container Closure. 2,558,220, June 26.
McLagan, Russell G., Cincinnati, assignor to The American Laundry Machinery Company, Norwood Station, Cincinnati, Ohio. Press timer. 2,572,272, Oct. 23.
McLain, Harold O., Highland Park, and A. L. Blatti, deceased, Chicago, Ill.; R. C. Blatti, executrix of said A. L. Blatti, assignor to said McLain. Ice breaker or crusher. 2,537,779, Jan. 9.
McLain, Harold O., Highland Park, and A. L. Blatti, deceased, Chicago, Ill.; R. C. Blatti, executrix of said A. L. Blatti, assignor to said McLain. Master car icing unit. 2,544,431, Mar. 6.
McLain, Ray, and T. A. Fornkahl, Cape Girardeau, Mo. Hand line pulley bracket. 2,553,779, May 22.
McLain, Warren M., Carlsbad, N. Mex. Voltage regulator. 2,551,687, May 8.
McLane, Fletcher E., Wilkinsburg, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Safety device for presses. 2,579,595, Dec. 25.
McLaren, Arthur D., Brooklyn, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Coated wrapping tissue and making same. 2,549,220, Apr. 17.
McLaren, George E., Denver, Colo. Device for administering enemata. 2,559,086, July 3.
McLaren, Robert L. I., Shawinigan Falls, assignor to Shawinigan Water and Power Company, Montreal, Quebec, Canada. Production of acid-soluble titania slags. 2,537,229, Jan. 9.
McLaren, William, Kearney, N. J. Bowling ball. 2,539,918, Jan. 30.
McLarn, Ernest S., Manhasset, assignor to International Standard Electric Corporation, New York, N. Y. Telephone subset. 2,559,651, July 10.
McLaughlin, Bernard E., Tucson, Ariz. Bathtub hingedly mounted on a collapsible stand. 2,576,623, Nov. 27.
McLaughlin, Dean B., and G. S. Perkins, Cambridge, Mass., assignors, by mesne assignments, to the United States of America as represented by the Secretary of the Navy. Photographic method and apparatus. 2,549,699, Apr. 17.
McLaughlin, Frank L., and B. F. Kiesel, Detroit, Mich. Interlocking nut. 2,555,093, May 29.
McLaughlin, George H., and W. A. Robinson, assignors to The McPhar Engineering Company of Canada Limited, Toronto, Ontario, Canada. Portable electromagnetic clinometer. 2,558,972, July 3.
McLaughlin Gormely King Company, assignee: *See*— Moore, Joseph B.
McLaughlin, James E.: *See*— Cade, Marcus S., and McLaughlin.
McLaughlin, Kenneth P., Wichita, Kans. Door lift. 2,577,348, Dec. 4.
McLaughlin, Neil, Vermontville, Mich. Dental impression tray. 2,564,167, Aug. 14.
McLaughlin, Robert C.: *See*— Crone, Albert H., and McLaughlin.
McLaurin-Jones Co., assignee: *See*— Davis, Lewis.
McLean, Andrew: *See*— Zenftman, Henryk, and McLean.
McLean, Burton A., Winnipeg, Manitoba, Canada. Contra-oscillating eccentric skinning implement. 2,547,134, Apr. 3.
McLean, David K.: *See*— McLean, George M., and D. K.
McLean, David K. M., Soda Springs, Idaho. Attachment for claw hammers. 2,541,372, Feb. 13.
McLean, David K. M., Soda Springs, Idaho. Fulcrum attachment for claw hammers. 2,553,102, May 15.
McLean, Edmund W.: *See*— Locke, John P., McLean, and Bridge.
McLean, George M., Salt Lake City, Utah, and D. K. McLean, Soda Springs, Idaho. Resilient vehicle wheel. 2,558,451, June 26.
McLean, Kenneth J., Seattle, Wash. Temperature control with lag compensation. 2,564,120, Aug. 14.
McLean, Lawrence L., Butte, Mont. Can opener and sealer. 2,578,979, Dec. 18.
McLean, Lyle G., assignee: *See*— Thomas, Roy R.
McLean, Lyle G., Warden, Wash. Classifier and separator. 2,574,493, Nov. 13.
McLean, Robert E., Fort Benning, Ga., assignor to J. C. Hockery, Kansas City, Mo., as trustee. Can opener. 2,565,144, Aug. 21.
McLean, Wesley J.: *See*— Vickers, Harry F., and McLean.
McLean, William B., Moon Township, Allegheny County, Pa. Antiskid tire chain. 2,572,045, Oct. 23.
McLeary, Edward J., Soap Lake, Wash. Wheelbarrow having auxiliary supporting frame. 2,571,595, Oct. 16.
McLeish, William S., Barberton, assignor to The Ric-wil Company, Cleveland, Ohio. Conduit system. 2,567,521, Sept. 11.
McLellan, Kenneth M., and A. H. Burkholder, assignors to Industrial Rayon Corporation, Cleveland, Ohio. Liquid treatment of thread on a thread-advancing, thread-storage device. 2,562,199, July 31.
McLellan, Marvin N., Cleveland, Ohio. Steerable sled. 2,559,452, July 3.
McLemore, Price C., Montgomery, Ala., and V. Knudsen, Labadieville, La., said Knudsen assignor, by mesne assignments to Flame Cultivation, Incorporated. Flame chopper for row crops. 2,557,303, June 19.
McLemore, Robert H.: *See*— Thompson, Willis H., Tolson, and McLemore.
McLendon, James E., assignee: *See*— Nichols, John R.
McLendon, Preston A., and J. L. Parks, Washington, D. C., assignors to Simmons Company, New York, N. Y. Bassinet. 2,537,539, Jan. 9.
McLennan, Miles A., Detroit, Mich. Automatic ranging system. 2,569,485, Oct. 2.
McLeod, Charles D., St. Petersburg, Fla. Fishing reel. 2,557,230, June 19.
McLeod, Henry J., Gary, Ind. Carburetion system. 2,548,989, Apr. 17.
McLeod, John H., Jr., Oxnard, Calif., J. B. Carolus, North Hills, and L. E. Jewett, Springfield, assignors to Leeds and Northrup Company, Philadelphia, Pa. Stabilizer for pneumatic control. 2,543,120, Feb. 27.
McLeod, Raymond H., assignee: *See*— Lucas, George R.
McLeod, Robert J., deceased, London, England; Barclays Bank Limited, London, England, executor. Machine for production of gear teeth. 2,556,142, June 5.
McLeod, Robert J., deceased, West Drayton, England; Barclays Bank Limited, London, England, executor. Apparatus for finishing gear teeth by shaving processes. 2,556,143, June 5.
McLeod, Roderick C., Cropston, Leicester, assignor to Power Jets (Research & Development) Limited, London, England. Propulsive jet apparatus. 2,557,304, June 19.
McLeod, Roderick C., Cropston, assignor to Power Jets (Research & Development) Limited, London, England. Apparatus for controlling one hydraulic pressure in accordance with another. 2,577,027, Dec. 4.
McLeod, Roderick C., and G. B. R. Feilden, Leicester, assignors to Power Jets (Research & Development) Limited, London, England. Flexible coupling for shafts and the like. 2,550,580, Apr. 24.
McLeod, Starr R., assignee: *See*— Hay, Alexarena, and McLeod.
McLeod, Stewart B.: *See*— Keller, August, and McLeod.
McLeod, Stewart B., Dearborn, assignor, by mesne assignments, to Detroit Harvester Company, Detroit, Mich. Hydraulic cylinder assembly and manufacturing. 2,574,273, Nov. 6.
McLeod, William, Chicago, Ill. Coupling actuated magnetic switch. 2,573,920, Nov. 6.
McLeod, William B., Burbank, Calif. Muffler with inclined partitions. 2,541,373, Feb. 13.
McLoad, Kenneth W., Dallas, Tex., assignor, by mesne assignments, to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Invertible geophone. 2,548,990, Apr. 17.
McLoughlin, James E.: *See*— Bacon, David L., and McLoughlin.
McLoughlin, Joseph R., Fort Washington, assignor to Rohm & Haas Company, Philadelphia, Pa. Multicellular acrylic resin. 2,548,438, Apr. 10.
McLuckie, George L.: *See*— Elvin, William J., and McLuckie.
McMackin, Robert E., and H. P. Becker, Dallas, Tex.; said Becker assignor to said McMackin. Stadia rod. 2,580,117, Dec. 25.
McMahan, Durward B., Duncan, Okla., assignor, by mesne assignments, to M. M. and J. Kinley, Houston, Tex. Tubing caliper. 2,544,609, Mar. 6.
McMahan, Kenton D., Schenectady, N. Y., assignor to General Electric Company. Dual vortex liquid spray nozzle. 2,551,276, May 1.
McMahan, Kenton D., Schenectady, and K. A. Darrow, Sprakers, N. Y., assignors to General Electric Company. Method and apparatus for pumping volatile liquids. 2,575,923, Nov. 20.
McMahon, Edward M., Kingsport, Tenn., assignor to Eastman Kodak Company, Rochester, N. Y. Di-2-ethyl-hexyl diglycollate. 2,544,890, Mar. 13.
McMahon, Henry E., Milwaukee, Wis. Shoe having a cushioning element. 2,565,662, Aug. 28.
McMahon, Howard E., Delafield, Wis. Bird calling device. 2,559,781, July 10.
McMahon, Howard O.: *See*— Collins, Samuel C., and McMahon.
McMahon, Howard O., Lexington, G. A. Bleyle, Jr., Melrose, and R. B. Hinckley, Dorchester, assignors to Arthur D. Little, Inc., Cambridge, Mass. Heat exchanger. 2,537,276, Jan. 9.
McMahon, Jerome B.: *See*— Abbott, Thomas A., and McMahon.

McMahon, William, Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Compounding finely divided solids with butadiene-styrene synthetic rubber latices utilizing alkaline lignin solutions as dispersing agents. 2,575,061, Nov. 13.
McManus, John J.: *See*—
Herbig, Henry F., and McManus.
McMaster, Archie J., and W. H. Kitto, assignors to G-M Laboratories, Inc., Chicago, Ill. Slide projector with cooling fan and motor assembly. 2,568,895, Sept. 25.
McMath-Axilrod Corporation, assignee: *See*—
Gray, George W.
McMath, John B., Dallas, Tex. Sign letter. 2,539,095, Jan. 23.
McMath, Marl, Newport, Ky., J. C. Henning and C. R. Sims, assignors to The American Oak Leather Company, Cincinnati, Ohio. Machine for rolling and setting leather. 2,540,132, Feb. 6.
McMeekin, Thomas L.: *See*—
Hipp, Norbert J., Groves, and McMeekin.
McMillan, Brockway, Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Cathode-ray signal to voltage translating devices. 2,560,585, July 17.
McMillan, Edward B.: *See*—
Olson, Arthur R., and McMillan.
McMillan, Edward B., Wakefield, Mass., assignor, by mesne assignments, to the United States of America as represented by the Secretary of the Navy. Copolymerization process and product. 2,578,259, Dec. 11.
McMillan, Frank M.: *See*—
Luten, Daniel B., Jr., Blackburn, and McMillan.
McMillan, Frank M., and D. E. Adelson, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Crack-resistant rubber and producing the same. 2,564,404, Aug. 14.
McMillan, Freeman H.: *See*—
King, John A., and McMillan.
McMillan, John, Conventry, England. Meat slicing machine. 2,542,153. Feb. 20.
McMillan, John L., Oaklawn, Ill., and E. W. Schroeder, Erie, Pa. Rotatable level. 2,541,880, Feb. 13.
McMillan, Wallace A., Glenham, assignor to The Texas Company, New York, N. Y. Catalyst for the reaction of carbon monoxide and hydrogen with unsaturated compounds. 2,578,144, Dec. 11.
McMillen, Drury A., Sao Paulo, Brazil. Watch dial and hands. 2,564,270, Aug. 14.
McMillen, John M.: *See*—
Loughborough, William K., McMillen, and Espenas.
McMillen, Ward, Toledo, Ohio. Paring knife. 2,570,002, Oct. 2.
McMillion, Shelby C.: *See*—
Palermo, Blasey T., and McMillion.
McMorrow, Charles A., assignor to R. M. McMorrow, Chicago, Ill. Colostomy screen stand. 2,577,028, Dec. 4.
McMorrow, Rose M., assignee: *See*—
McMorrow, Charles A.
McMullan, William, assignor to Farrans Limited, Belfast, Northern Ireland. Shuttering for the construction of walls. 2,574,274. Nov. 6.
McMullen, Chester A.: *See*—
McMullen, Elvin and C. A.
McMullen, Claud S., New York, N. Y., assignor to National Smokehouse Equipment, Inc., Clifton, N. J. Producing smoke for treating comestibles and apparatus for practicing such process. 2,558,307, June 26.
McMullen, Edward J., assignee: *See*—
Murphy, John H.
McMullen, Elvin and C. A., Hutchinson, Kans. Automatic electromagnetic switch. 2,549,323, Apr. 17.
McMullen, Harry C., Philadelphia, Pa. Adjustable spring roller for window shades. 2,557,005, June 12.
McMullen, John C., assignor to The Carborundum Company, Niagara Falls, N. Y. Refractory glass wool. 2,557,834, June 19.
McMullen, Joseph E., assignor to The Journal Company, Milwaukee, Wis. Roll web terminal. 2,553,928, May 22.
McMullen, Rafry L., Spokane, Wash. Anchor pad for musical instruments. 2,561,937, July 24.
McMurray, Don, assignee: *See*—
McGuire, Gene S.
McMurtrie, Gilbert, Louisville, Ky., assignor to American Radiator & Standard Sanitary Corporation. Finish rim construction. 2,565,982, Aug. 28.
McMurtrie, Robert H., Huntingburg, Ind. Shelf for bedsteads. 2,551,151, May 1.
McNab, John G., Cranford, N. Y. Hakala, Rahway, and J. P. McDermott, Roselle, N. J., assignors to Standard Oil Development Company. Oxidation resisting hydrocarbon products. 2,552,570, May 15.
McNab, John G., Cranford, and D. T. Rogers, Summit, N. J., assignors to Standard Oil Development Company. Phosphorus sulfide treated phenol sulfonic acid salts. 2,556,848, June 12.
McNabb, Carlos, P. J. Whitley, and F. M. Morrow, Middletown, Ohio, assignors to Armco Steel Corporation. Hot dip coating of metal strip. 2,577,904, Dec. 11.
McNabb, James D., Los Angeles, Calif. Electrical circuit tester. 2,548,991, Apr. 17.
McNabb, Walter J., assignor, by mesne assignments, of one-half to W. R. Cochrane, Delhi, Calif. Crib. 2,577,257, Dec. 4.
McNail, Orland D., Christopher, assignor to A. E. Pickard, Mount Vernon, Ill. Sealed in blinking mine car light. 2,540,341, Feb. 6.
McNair, Samuel L., Boston, and C. E. Wyman, Brockton, assignors to Everett E. Young Co., Inc., Whitman, Mass. Device for discharging wax and the like having a valve operating rod. 2,578,078, Dec. 11.
McNair, Venson F., Oxford, and C. W. Wilson, Birmingham, Ala. Slot type hub and axle connection. 2,563,409, Aug. 7.
McNair, William T., Jr.: *See*—
Mitchell, Robert L., and McNair.
McNall, John W.: *See*—
Cerulli, Nicholas F., and McNall.
McNally, Christopher J.: *See*—
Gillespie, Robert N., Mair, and McNally.
McNally, James G.: *See*—
Dickey, Joseph B., and McNally.
McNamar Boiler & Tank Company, Inc., assignee: *See*—
Branson, Raymond J.
McNamara, Francis J., Paulsboro, N. J., assignor to Houdry Process Corporation, Wilmington, Del. Flow responsive apparatus. 2,552,569, May 15.
McNamara, Gordon G., Jr., Chicago, Ill., assignor to International Harvester Company. Scraper blade. 2,573,921, Nov. 6.
McNamara, Patrick B., assignee: *See*—
Blanding, Joseph E.
McNamara, William J., and J. H. Kugler, assignors to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Abrasive sheets and belts. 2,545,484, Mar. 20.
McNamee, Clyde H., Sr., Kansas City, Mo. Ventilating deflector. 2,555,146, May 29.
McNamee, James J.: *See*—
King, John W., and McNamee.
McNamee, Raymond W.: *See*—
Guest, Howard R., and McNamee.
McNatt, Eugene M., Tulsa, Okla., assignor to Standard Oil Development Company. Drilling rate logger. 2,550,420, Apr. 24.
McNatt, Eugene M., Tulsa, Okla., assignor to Standard Oil Development Company. Magnetic compass compensation device. 2,560,464, July 10.
McNaughton, Kent W., Angelica, N. Y. Micrometer caliper assembly. 2,571,152, Oct. 16.
McNavage, John P., McKees Rocks, assignor to Pittsburgh Steel Products Company, Pittsburgh, Pa. Collapsible cover for vehicles. 2,559,310, July 3.
McNeary, Samuel S., Ardmore, Pa., and W. R. Berry, Camden, N. J., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Expansion joint apparatus. 2,568,923, Sept. 25.
McNeely, Lowell, Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Removing condensate from cooling elements of air-conditioning systems. 2,553,143, May 15.
McNeil, Donald, and P. W. Reynolds, Norton-on-Tees, England, assignors to Imperial Chemical Industries Limited. Isomerization of olefins with boron ortho phosphate catalyst. 2,554,202, May 22.
McNeil Machine and Engineering Company, The, assignee: *See*—
Soderquist, Leslie E.
McNeill, Albert G., assignor to Bachmann Bros. Inc., Philadelphia, Pa. False teeth carrier. 2,554,044, May 22.
McNeill, Alexander W., Lynn, Mass. Collapsible last. 2,561,811, July 24.
McNeill, Cyrus, Broadway, N. C. Tobacco stringer. 2,538,698, Jan. 16.
McNeill, Harry L., Denver, Colo. Selective media separation. 2,552,378, May 8.
McNeill, John H., Millville, W. Va., assignor to The Standard Lime and Stone Company, Baltimore, Md. Heat recovery device. 2,553,464, May 15.
McNerney, Robert P., Sharpsville, assignor of fifty per cent to C. J. Songer, Farrell, Pa. Deceleration signal. 2,573,479, Oct. 30.
McNesby, James R.: *See*—
Kumins, Charles A., and McNesby.
McNickle, Arthur W., Tacoma, Wash. Wood lathe centering device. 2,556,595, June 12.
McNicol, Forrest C., assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Supporting panel for groups of electrical devices. 2,553,667, May 22.
McNicoll, David, Aston, Birmingham, England, assignor to The Timken Roller Bearing Company, Canton, Ohio. Tapered roller bearing. 2,545,969, Mar. 20.
McNinch, James N., and L. E. Myers, assignors to Sterling Electronic Door Control Corporation, Sterling, Ill. Electric overhead door opening and closing device. 2,560,236, July 10.
McNulty, Charles G., Conneaut, Ohio. Portable ironing board. 2,567,613, Sept. 11.
McNulty, George M.: *See*—
Cyphers, Elmer B., and McNulty.
McNulty, John V., Binghamton, assignor to Bendix Aviation Corporation, New York, N. Y. Ignition system. 2,543,371, Feb. 27.

McNulty, Joseph M., Hinsdale, and A. Schiltz, Elburn, assignors, by mesne assignments, to E-Z-On Corporation, Chicago, Ill. Plaster spray gun. 2,555,238, May 29.
McNutt, Clara E., Toledo, Ohio. Spray device. 2,574,747, Nov. 13.
McOrlly, Joseph, assignor to E. L. Wiegand Company, Pittsburgh, Pa. Electric heating unit. 2,550,845, May 1.
McOrlly, Joseph, Wilkinsburg, assignor to Edwin L. Wiegand Company, Pittsburgh, Pa. Electric heating unit. 2,571,274, Oct. 16
McPeake, Frank J., Jr., Flushing, N. Y. Baby support. 2,562,628, July 31.
McPhar Engineering Company of Canada Limited, The, assignee: *See*—
McLaughlin, George H., and Robinson.
McPhee, Eleanor L.: *See*—
Fluck, Linton A., Jr., Lynn, and McPhee.
McPhee, James E., assignee: *See*—
Legarra, Philip H.
McPhee, James W., assignor to Lane-Wells Company, Los Angeles, Calif. Radioactive locating means. 2,549,109, Apr. 17.
McPhee, John E.: *See*—
Herts, Jack H. B., and McPhee.
McPherson, Alexander, and W. B. Bird, Glasgow, Scotland. Apparatus for lubricating wire ropes or cables. 2,578,260, Dec. 11.
McPherson, Donald R., Portland, Oreg. Music page and hinged corner tab therefor. 2,559,726, July 10.
McPherson, Edward S., Upton, Wyo. Cattle guard. 2,576,188, Nov. 27.
McPherren, Glen E., assignor to Consolidated Vultee Aircraft Corporation, San Diego, Calif. Machine gun testing device. 2,554,714, May 29.
McPherson, Hal W., Chicago, Ill., assignor, by mesne assignments, to The Skinner Chuck Company. Valve operator. 2,572,175, Oct. 23.
McPherson, James F.: *See*—
Mozingo, Ralph, McPherson, and Folkers.
McPherson, James F., Elizabeth, N. J., and R. Mozingo, Minneapolis, Minn., assignors to Merck & Co., Inc., Rahway, N. J. Amino acid amides of pteroic acid and preparing the same. 2,540,274, Feb. 6.
McPherson, John B., Abington, assignor of one-half to L. B., and one-half to N. R. Meyerhoff, Elkins Park, Pa. Collapsible garment hanger. 2,569,726, Oct. 2.
McPherson, Ralph A., Greenfield, Ind. Self-animated artificial fishing bait. 2,543,464, Feb. 27.
McPherson, Rolla R., Washington, D. C. Automobile clothes hanger support. 2,548,992, Apr. 17.
McPherson, William, Westlake, Ohio. Spraying machine drive. 2,555,237, May 29.
McQuay-Norris Manufacturing Company, assignee: *See*—
Mayfield, George C.
Persons, Lawrence M.
McQueen, David M., and J. H. Werntz, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Wax and polymeric polyamine compositions. 2,566,237, Aug. 28.
McQuilkin, James F., Laramie, Wyo. Automatically adjusting the stroke of locomotive piston valves. 2,553,860, May 22.
McQuiston, Frank W., Jr., Ouray, Colo., and T. G. Chapman, Tucson, Ariz. Recovery of gold or silver. 2,545,239. Mar. 13.
McQuitty, Roy M., St. Louis, Mo. Liquid heater and control. 2,545,966, Mar. 20.
McRae, Thompson, assignor of thirty per cent to G. R. Hawkins, East Orange, N. J. Appliance for sickrooms and other purposes. 2,557,674, June 19.
McRoberts, Charles G., Brooklyn, N. Y. Artificial bait and lure. 2,556,205, June 12.
McShan, Clarence H.: *See*—
Meaker, John W., and McShan.
McSherry, Edwin B., Leslie, Ark. Tool assembly for placing and holding locking members on valve stems. 2,546,010, Mar. 20.
McShurley, Marshall D.: *See*—
Nichols, Charles A., Poole, Mahoney, and McShurley.
McShurley, Marshall D., Muncie, Ind., assignor to General Motors Corporation, Detroit, Mich. Stack elevator control mechanism for collating machines. 2,568,246, Sept. 18.
McStay, Jackson, Co., assignee: *See*—
Deaton, Charles U.
McSwain, John W., assignee: *See*—
Harmon, James E.
McTighe, Edward F., Forest Hills, N. Y. Attaching stays to cloth. 2,538,699, Jan. 16.
McVay, Millard S., and J. H. Greig, Washington, D. C. Double pulse generator. 2,537,077, Jan. 9.
McVicker, Graham D., San Diego, Calif. Actuator for power-operated adjustable beds. 2,541,529, Feb. 13
McVicker, Graham D., and E. L. Holston, San Diego, Calif. Hand or power-operated mechanism. 2,560,465, July 10.
McWherter, Archibald R., Peoria, Ill. Expansion closure plug. 2,579,845, Dec. 25.
McWhirter, Eric M. S., and R. H. Dunn, London, England, assignors to International Standard Electric Corporation, New York, N. Y. Electric time constant circuit. 2,551,619, May 8.
McWhirter, Eric M. S., and R. H. Dunn, London, England, assignors to International Standard Electric Corporation, New York, N. Y. Measuring device. 2,562,931, Aug. 7.
McWhirter, Eric M. S., R. H. Dunn, F. W. Warden, H. J. Ward, H. M. M. d'A. Fonseca, and P. G. Collier, London, England, assignors to International Standard Electric Corporation, New York, N. Y. Register system. 2,565,511, Aug. 28.
McWhirter, Eric M. S., and H. J. Ward, London, England, assignors to International Standard Electric Corporation, New York, N. Y. Electric remote-control system. 2,567,226, Sept. 11.
McWhirter, Eric M. S., F. W. Warden, and H. J. Ward, London, England, assignors, by mesne assignments, to International Standard Electric Corporation, New York, N. Y. Electrical consumption and control measuring equipment. 2,568,755, Sept. 25.
McWhirter, Eric M. S., and H. J. Ward, London, England, assignors to International Standard Electric Corporation, New York, N. Y. Reservation system. 2,568,756, Sept. 25.
McWhorter, Cullen J., assignor to South Houston Machine Company, South Houston, Tex. Valve assembly. 2,552,991, May 15.
McWhorter, Marie W., Charlotte, N. C. Garment bag. 2,568,158, Sept. 18.
McWilliams, Bronzell L., Barbourville, Ky. Guide for flush ball lift rods. 2,546,766, Mar. 27.
McWilliams, Charles W., Kearny, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Contact actuating mechanism. 2,558,188, June 26.
McWilliams, James B., assignor to Railway Maintenance Corporation, Pittsburgh, Pa. Railroad track crib cleaning apparatus. 2,574,118, Nov. 6.
McWilliams, Marion F., Jr., Hollywood, Calif. Mixing valve. 2,571,047, Oct. 9.
McWirter, Eric M. S., R. H. Dunn, and P. W. Lennox, London, England, assignors to International Standard Electric Corporation, New York, N. Y. Electric signaling system. 2,547,035. Apr. 3.
Meacham, Larned A., New Providence, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York N Y. Pulse regeneration apparatus. 2,537,843. Jan. 9.
Meacham, Larned A., New Providence, N. J. Electronic musical entertainment device. 2,544,466. Mar. 6.
Meacham, Larned A., New Providence, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Oscillation generator. 2,556,286, June 12.
Meacham, Larned A., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Delay indicating apparatus. 2,558,189, June 26.
Meacham, Larned A., New Providence, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electronic switch. 2,576,026, Nov. 20.
Mead Corporation, The, assignee: *See*—
O'Connor, James J., Savage, and Schwalbe.
Mead, Delazon E., assignee: *See*—
Madill, Arthur R.
Mead, John A.: *See*—
Noxon, Paul A., and Mead.
Mead, John A., Croton-on-Hudson, assignor to The Norden Laboratories Corporation, New York, N. Y. Searching cage erection system for gyroscopes. 2,556,097, June 5.
Mead, John C., Osborn, Ohio. Window awning. 2,546,607, Mar. 27.
Mead, Johnson & Company, assignee: *See*—
Barton, Raymond W.
Mead, Lawrence C., Turlock, Calif. Release means for toggle-actuated plier-type wrenches. 2,543,922, Mar. 6.
Mead, Malcolm S., Los Angeles, Calif. Internal-combustion motor. 2,564,913, Aug. 21.
Mead, Ralph K., and D. E. Slaton, Glendale, assignors to Lockheed Aircraft Corporation, Burbank, Calif. Control system. 2,540,590. Feb. 6.
Mead, Theodore E., Wilmette, Ill. Air ram. 2,567,390, Sept. 11.
Mead, Theodore E., Wilmette, Ill. Exhaust valve structure. 2,567,391, Sept. 11.
Mead, William H., assignee: *See*—
Johnson, Dale C., Warner, and Zambruno.
Meade, Reginald E.: *See*—
Peebles, David D., and Meade.
Meade, Richard K.: *See*—
Peebles, David D., Clary, and Meade.
Meador, Duis W.: *See*—
Wiegand, Francis J., and Meador.
Meador, Horace C., and M. T. Works, assignors to Cameron Iron Works, Houston, Tex. Valve. 2,564,168, Aug. 14.
Meadors, Ansel R., Jr., R. J. Irwin, and S. L. Huffman, Greenville, S. C. Warp stop mechanism for looms. 2,556,332, June 12.
Meadow, Leon E., New York, N. Y. Handbag. 2,573,770, Nov. 6.
Meadowcroft, Arthur, assignor to Chicago Rotoprint Company, Chicago, Ill. Blade and jaw construction for cylinder folding mechanisms. 2,546,075, Mar. 20.
Meadows, Ernest D., assignor to Meadows Manufacturing Company, Atlanta, Ga. Textile spindle. 2,565,389, Aug. 21.
Meadows, George W., Irvington, assignor to Philips Laboratories, Inc., Irvington on Hudson, N. Y. Piston ring seal. 2,547,957, Apr. 10.

Meadows, Grady H. and J. R., Mount Pleasant, Tex. Closure for window openings and the like. 2,547,591, Apr. 3.
Meadows, James L., and J. N. Martin, Port Arthur, Tex., assignors to The Texas Company, New York, N. Y. Dethiolizing hydrocarbons. 2,546,345, Mar. 27.
Meadows, John J., New York, N. Y. Electric control system. 2,570,831, Oct. 9.
Meadows, Joyce R.: *See*—
Meadows, Grady H. and J. R.
Meadows, Kenneth E., Phoenix, Ariz. Garment hanger support. 2,573,348, Oct. 30.
Meadows Manufacturing Company, assignee: *See*—
Meadows, Ernest D.
Meadows, Robert L., Arlington, Va. Heavy-duty trailer and tractor hitch. 2,545,584, Mar. 20.
Meagher, John J.: *See*—
Pilgrim, Daniel D., and Meagher.
Meagher, Ralph E., Watertown, Mass., assignor by mesne assignments, to the United States of America as represented by the Secretary of War. Cathode-ray tube magnetic focusing. 2,555,147, May 29.
Meagher, Virgil T., Waverly, Iowa. Adjustable mounting device for automobile license plates. 2,538,975, Jan. 23.
Meaker Company, The, assignee: *See*—
Faust, Charles L., Bearse, and Liger.
Meaker, John W., New York, N. Y. Apparatus for electroperforating irregularly shaped articles. 2,538,578, Jan. 16.
Meaker, John W., New York, N. Y., and Clarence H. McShan, Newark, N. J., said McShan assignor to said Meaker. Electroperforating apparatus. 2,538,579, Jan. 16.
Meaker, John W., New York, N. Y. Semiautomatic apparatus for electroperforating shoes or the like. 2,538,580, Jan. 16.
Meaker, John W., New York, N. Y. Electrical perforating apparatus. 2,545,208, Mar. 13.
Meaker, John W., New York, N. Y., and C. H. McShan, Newark, N. J., said McShan assignor to said Meaker. Method and apparatus for electroperforating sheet material. 2,550,366, Apr. 24.
Meaker, John W., New York, N. Y. Ventilated shoe. 2,558,973, July 3.
Meaker, Mabel S., Euclid, Ohio. Selective feeder for wild birds. 2,571,275, Oct. 15.
Means, John E., Seattle, Wash. Surgical cast. 2,576,027, Nov. 20.
Mears, Norman B., West St. Paul, and H. T. Holsapple, Minneapolis, assignors to Buckbee-Mears Company, St. Paul, Minn. Making reticles and other precision articles by etching from both sides of the blank. 2,536,383, Jan. 2.
Measure Meters Limited, assignee: *See*—
Abel, Walter.
Measuring Machines, Inc., assignee: *See*—
Breisch, John H.
Mebold, Frederick W., assignor to James R. Kearney Corporation, St. Louis, Mo. Electrical connector. 2,547,225, Apr. 3.
Mecanique et Transmission Metran, assignee: *See*—
Estoup, Jean.
Mecco, Jerry M., Somerville, N. J., assignor to American Cyanamid Company, New York, N. Y. Compositions and methods using reduction-sensitive vat dyes and inorganic nitrites. 2,548,543, Apr. 10.
Mecco, Jerry M., Somerville, N. J., assignor to American Cyanamid Company, New York, N. Y. Compositions and methods using reduction-sensitive vat dyes and inorganic halogenates. 2,548,544, Apr. 10.
Mecco, Jerry M., Somerville, N. J., assignor to American Cyanamid Company, New York, N. Y. Pyranthrone dye composition comprising an inorganic nitrite and dyeing. 2,548,545, Apr. 10.
Mecco, Jerry M., Somerville, N. J., assignor to American Cyanamid Company, New York, N. Y. Pyranthrone composition comprising an inorganic halogenate and dyeing. 2,548,546, Apr. 10.
Mecco, Jerry M., Somerville, N. J., assignor to American Cyanamid Company, New York, N. Y. Compositions comprising vat dyes sensitive to overreduction and dyeing. 2,576,846, Nov. 27.
Mecco, Jerry M., Somerville, N. J., assignor to American Cyanamid Company, New York, N. Y. Pyranthrone dye compositions and dyeing. 2,576,847, Nov. 27.
Mechanical Handling Systems, Inc., assignee: *See*—
Whitcroft, Clarence H.
Mechlin, Oscar A., Portland, Oreg. Insulating side wall for tanks. 2,551,275, May 1.
Mecklenborg, Robert H.: *See*—
Bickel, Ferdinand D. W., Lewis, and Mecklenborg.
Mecklenburger, Josephine P., Highland Park, Ill. Method and apparatus for use in knitting. 2,558,974, July 3.
Mecom, John W., Houston, Tex. Drilling tool. 2,575,826, Nov. 20.
Meconi, Louis P., assignee: *See*—
Aubin, Wallace A.
Mecres, S. A., assignee: *See*—
Stern, Maurice.
Meczelski, Victor, New Britain, Conn., now by judicial change of name, V. Mitchell. Supporting casing for collapsible tube with means to extrude the tube contents. 2,563,733, Aug. 7.
Medal, Einar, Albany, assignor to Remington Rand Inc., New York, N. Y. Film spool. 2,574,883, Nov. 13.
Medal, Leon E., New Orleans, La. Panel construction. 2,576,530, Nov. 27.
Medcalf, Eugene C.: *See*—
Vriens, Gerard N., Sisco, and Medcalf.
Medcalf, Eugene C., Bound Brook, and W. E. Sisco, Somerville, N. J., assignors to American Cyanamid Company, New York, N. Y. Recovery of dicyanodialkyl ethers and sulfides used as solvents in an aromatic hydrocarbon extraction process. 2,568,159, Sept. 18.
Medcalf, Eugene C., Bound Brook, and W. E. Sisco, Somerville, N. J., assignors to American Cyanamid Company, New York, N. Y. Recovery of dicyanodialkyl amines. 2,568,160, Sept. 18.
Medco Silver Co. Inc., assignee: *See*—
Gessler, Harry C.
Medd, Ruth E., Des Moines, Iowa. Garment. 2,550,121, Apr. 24.
Meddock, Alvin A.: *See*—
Deardorff, Clinton E., and Meddock.
Meddoff, Samuel, Ellwood City, Pa. Ornamental frame for eyeglasses. 2,566,236, Aug. 28.
Medearis, James F., Ventura, Calif. Pipe wiper. 2,568,247, Sept. 18.
Medert, Adrian, assignee: *See*—
Bolesky, John D.
Medlar, Lewis A.: *See*—
Godshalk, Clarence A., and Medlar.
Pruitt, Virgil H., and Medlar.
Shuler, Clyde, Godfrey, and Medlar.
Medlar, Lewis A., Oreland, assignor, by mesne assignments, to Sterlingworth Company, Philadelphia, Pa. Signal means for battery chargers. 2,571,048, Oct. 9.
Mednick, Philip, Brooklyn, N. Y. Platform for reclining chairs. 2,565,871, Aug. 28.
Medved, Nicholas J., Bellevue, Pa. Time saver frying pan lid. 2,559,196, July 3.
Meehan, Reginald J., East Hartford, Conn. Discerptible ski. 2,545,209, Mar. 13.
Meehanite Metal Corporation, assignee: *See*—
Hartman, Chester A.
Smalley, Oliver.
Meek, Carl R., Detroit, Mich. Weather strip for double glazed windows. 2,538,976, Jan. 23.
Meek, Charles E., Jr., Warsaw, and W. N. Brown, Jr., Winona Lake, assignors to Arnolt Corporation, Warsaw, Ind. Chair construction. 2,539,919, Jan. 30.
Meek, Samuel W., assignor of one-half to W. W. Fortenberry, Odessa, Tex. Pipe wiper with improved central passage arrangement and seal section assembly. 2,559,782, July 10.
Meeker, Charles E., Detroit, Mich. Folding chair. 2,542,342, Feb. 20.
Meeker, David A., Troy, and E. A. Reussenzehn, Dayton, assignors to The Hobart Manufacturing Company, Troy, Ohio. Slicing machine. 2,573,859, Nov. 6.
Meeker, David A., Troy, and E. A. Reussenzehn, Dayton, assignors to The Hobart Manufacturing Company, Troy, Ohio. Knife guard for slicing machines. 2,573,860, Nov. 6.
Meeker, David A., Troy, and E. A. Reussenzehn, Dayton, assignors to The Hobart Manufacturing Company, Troy, Ohio. Food handling apparatus. 2,573,861, Nov. 6.
Meeker, Willard F.: *See*—
Slaymaker, Frank H., and Meeker.
Slaymaker, Frank H., Meeker, and Merrill.
Meeks, James W.: *See*—
Benigan, Thomas F., Jr., Meeks, and Planck.
Meeks, James W., and T. F. Banigan, Jr., Salinas, Calif., and R. W. Planck, New Orleans, La., assignors to the United States of America as represented by the Secretary of Agriculture. Recovering parthenyl cinnamate and essential oils from guayule resin. 2,572,046, Oct. 23.
Meeks, Woodrow W., El Dorado, Ark. Dice shaking apparatus. 2,577,087, Dec. 4.
Meengs, Ann A., Muskegon, and L. E. Hahn, Muskegon Heights, Mich. Combined hose and shoe guard. 2,578,895, Dec. 18.
Meerbott, William K.: *See*—
Hinds, George P., Jr., Meerbott, and Reno.
Meerburg, Piet, The Hague, Netherlands, assignor to Shell Development Company, San Francisco, Calif. Polymerizing fatty oils. 2,558,494, June 26.
Meers, Richard A., and E. R. Cockbain, London, and G. O. Probert, deceased, Uplands, Meophan Green, England, by I. M. Probert, widow and executrix, Bedhampton, Havant, England, assignors to International Standard Electric Corporation, New York, N. Y. Electric wave repeater circuit. 2,577,792, Dec. 11.
Meffan, Robert W., Redono Beach, Calif. Lawn sprinkler. 2,562,503, July 31.
Mefina S. A., assignee: *See*—
Casas-Robert, Ramon.
Casas Robert, Ramon, and Court.
Mega Corporation, assignee: *See*—
Seaman, Richard H.
Megator Pumps & Compressors Limited, assignee: *See*—
McCombie, Frederick W.
Meggenhofen, Charles W.: *See*—
Eaglesfield, Robert D., Curtiss, and Meggenhofen.

Megiès, Artur, Paris, France. Extension table with flexible top. 2,536,511, Jan. 2.
Megill, William F., Washington, D. C. Finger moistening pad for bowlers. 2,539,029, Jan. 23.
Mehaffey, John H., Metuchen, N. J. Paper hanger's plumb bob. 2,569,727, Oct. 2.
Mehan, Thomas O.: *See*—
Grigsby, Marion W., and Mehan.
Mehan, Thomas O., Park Ridge, assignor to Victor Adding Machine Co., Chicago, Ill. Credit balance mechanism for calculating machines. 2,550,581, Apr. 24.
Mehan, Thomas O., Park Ridge, assignor to Victor Adding Machine Co., Chicago, Ill. Control means for differential actuators. 2,568,350, Sept. 18.
Mehl, Jonah, assignor to Sydney-Thomas Corporation, Cincinnati, Ohio. Garment storage bag. 2,547,530, Apr. 3.
Mehler, Albert J., Jr., New Hope, Va., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. High elongation yarn. 2,537,312, Jan. 9.
Mehltretter, Charles L., Peoria, Ill., assignor to the United States of America as represented by the Secretary of Agriculture. Preparation of D-glucuronic acid. 2,559,652, July 10.
Mehltretter, Charles L., Peoria, Ill., assignor to the United States of America as represented by the Secretary of Agriculture. Making D-glucuronic acid and its salts. 2,562,200, July 31.
Mehr, Fred: *See*—
Mehr, Otto and F.
Mehr, Otto and F., North Bergen, N. J. Convertible furniture. 2,545,891, Mar. 20.
Mehring, Arthur C.: *See*—
Dehn, Joseph W., Hersey, and Mehring.
Mehring, Frederick J., Thiensville, Wis. Walking tractor or tiller hitch. 2,557,006, June 12.
Mehringer, Frank, Milwaukee, Wis. Shiftable ladder support. 2,542,256, Feb. 20.
Meier, Anton M.: *See*—
Deutsch, Fred M., Warzinik, and Meier.
Meier, Edward E., assignor to Central Brass & Iron Foundry, Portland, Oreg. Pressure delay valve. 2,568,924, Sept. 25.
Meier, Edwin H., Tulsa, Okla., assignor to Standard Oil Development Company. Time-delay relay circuits. 2,559,508, July 3.
Meier, Emil: *See*—
Staerkle, Max A., and Meier.
Meier, George, assignor of one-third to H. Keck, Houston, Tex., and one-third to Continental Oil Company, Ponca City, Okla. Piling. 2,539,456, Jan. 30.
Meier, Joseph M., Milwaukee, and S. L. Wheeler, Wauwatosa, assignors, by mesne assignments, to H. Behnke, Milwaukee, Wis. Centrifugal juice extractor having a rotary grater. 2,541,084, Feb. 13.
Meier, Richard L.: *See*—
Elwell, William E., and Meier.
Meier, Wilber L., Chatham, N. J. Friction generator. 2,539,371, Jan. 23.
Meier, Wilber L., Chatham, N. J. Insulator shield. 2,550,367, Apr. 24.
Meier, Wilbur L., Chatham, N. J. Electron discharge device. 2,578,571, Dec. 11.
Meier, William A., Rochester, Pa. Flame polishing the gray cut surface of ornamental designs in glass. 2,566,350, Sept. 4.
Meierhoff, Marvin W., Duluth, Minn. Pressure and relief valve arrangement. 2,543,665, Feb. 27.
Meighan, Robert W., Spokane, Wash. Bed cover and holder. 2,574,748, Nov. 13.
Meili, Ernst, Bad Ragaz, Switzerland. Remote-control device. 2,577,662, Dec. 4.
Meiller, Daniel V.: *See*—
Born, Paul L., and Meiller.
Meiller, Daniel V., Broadview, and M. G. Markle, Oak Park, Ill. Natural gas storage. 2,550,844, May 1.
Meilleur, Ina L. and J., Spokane, Wash. Clinker shelf. 2,545,825, Mar. 20.
Meilleur, Joseph: *See*—
Meilleur, Ina L. and J.
Meilstrup, Emil E., Winston-Salem, N. C., assignor to Western Electric Company, Incorporated, New York, N. Y. Detachable handle and socket for a dolly. 2,575,391, Nov. 20.
Meincke, Edward, Summit, N. J., assignor to The Linde Air Products Company. Powder-assisted thermochemical stack-cutting. 2,538,876, Jan. 23.
Meincke, Edward, Summit, and J. Villoresi, Lincoln Park, N. J., assignors to The Linde Air Products Company. Thermochemical metal removal method and apparatus. 2,536,201, Jan. 2.
Meinecke, Helmuth A., Grosse Pointe, Mich. Variable speed transmission. 2,543,584, Feb. 27.
Meinema, Herbert E., Chicago, Ill. Speed control apparatus. 2,551,620, May 8.
Meinema, Herbert E., assignor to Hammond Instrument Company, Chicago, Ill. Tone control apparatus for electrical musical instruments. 2,565,512, Aug. 28.
Meiners, Richard H., assignor to A. J. Lindemann & Hoverson Company, Milwaukee, Wis. Combination baking and broiling gas burner. 2,574,153, Nov. 6.
Meinert, Richard N., Tulsa, Okla., assignor to Standard Oil Development Company. Determining cut point in pipeline crude oil batching. 2,570,064, Oct. 2.
Meinertz, Mark F., Copenhagen, Denmark. Frame for vertical piston engines. 2,578,079, Dec. 11.
Meinhardt, Hans, assignee: *See*—
Hahn, Hans.
Meinke, Victor E., Norfolk, Va. Collapsible rack. 2,560,466, July 10.
Meisenburg, Karl, assignor to Blaw-Knox Company, Pittsburgh, Pa. Seal and water inlet for charging and discharging chutes of truck mixers. 2,545,485, Mar. 20.
Meisenheimer, Raymond L., Fairview, N. J., assignor to Radio Corporation of America. Reducing or eliminating undesired resonance effects in ultra high frequency apparatus. 2,562,239, July 31.
Meissner, John F., La Grange, Ill., assignor to Hewitt-Robins Incorporated. Blending system. 2,579,153, Dec. 18.
Meissner & Landauer, assignee: *See*—
Meissner, Walter A.
Meissner, Walter A., assignor to Meissner & Landauer, Feeding Hills, Mass. Setup gauge for adjusting turret ram feed stop mechanism. 2,559,311, July 3.
Mejean, Jacques G., assignor to The Aerotec Corporation, Greenwich, Conn. Differential pressure controlled switch. 2,537,474, Jan. 9.
Mejean, Jacques G., assignor to The Aerotec Corporation, Greenwich, Conn. Control mechanism for absorption type refrigerators. 2,537,475, Jan. 9.
Mejía, Manuel R., Yauco, P. R. Corpse viewing cover. 2,570,361, Oct. 9.
Mekelburg, Raymond E.: *See*—
Cox, Irvin W., Drugmand, and Mekelburg.
Melancon, Dudley, assignee: *See*—
Babin, Lionel J., Jr.
Freeman, Dewey J.
Melanson, Charles G., Lynn, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Device for use in the adhesive attachment of edge bindings to shoe platforms. 2,571,276, Oct. 16.
Melas, William, assignor, by mesne assignments, to Reconstruction Finance Corporation, Philadelphia, Pa. Meter with magnetically coupled indicator. 2,554,374, May 22.
Melbostad, Selmar A., assignee: *See*—
Lindstaedt, Frank F., and Fischer.
Melby, Charles J., Everett, Wash. Edging device for sheet material. 2,562,728, July 31.
Melcher, Lee W., Oconomowoc, assignor to Waukesha Motor Company, Waukesha, Wis. Power system. 2,564,121, Aug. 14.
Melcher, Robert J.: *See*—
Peeps, George A., Jr., and Melcher.
Melcher, Robert J., assignor to H. H. Buggie & Company, Toledo, Ohio. Coaxial connector with pressure sealing. 2,552,686, May 15.
Melcher, Walter P., and H. H. Voelz, Chicago, Ill., assignors to The Rauland Corporation. Sealing apparatus for cathode-ray tubes. 2,573,266, Oct. 30.
Melchior, Frederick C., New York, N. Y. Boat construction. 2,569,686, Oct. 2.
Mele, Edward V., Port Washington, assignor to Mele Manufacturing Co., Inc., New York, N. Y. Jewelry box with a secret compartment. 2,564,122, Aug. 14.
Mele Manufacturing Co., Inc., assignee: *See*—
Mele, Edward V.
Melendy, Jesse G., Tarrytown, N. Y., assignor to Allied Chemical & Dye Corporation. Prevention of mist formation in sulfuric acid plants. 2,539,519, Jan. 30.
Melenric, John A., Charleston, W. Va. Jet propulsion unit with rotatable combustion chamber. 2,543,864, Mar. 6.
Meletti, Adolph, assignor to The Vacuum Cleaner Corporation of America, Philadelphia, Pa. Springmaking. 2,548,735, Apr. 10.
Melges, Frederick J., and H. Myers, Battle Creek, Mich. Transportable dock. 2,564,123, Aug. 14.
Melhose, Alfred E., Westfield, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Multiplex speech interpolation system. 2,541,932, Feb. 13.
Melick, George R.: *See*—
Hailston, Ellis W., Casey, and Melick.
Melick, John M., Cresskill, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Key equipped telephone set. 2,572,503, Oct. 23.
Melick, William E., Newark, Ohio. Alarm means for liquid temperatures. 2,546,608, Mar. 27.
Melin, Bertil, Norrkoping, and H. Jeppson, assignors to Instrumentfirman Inor, Alfred Brakl, Malmo, Sweden. Thread feeler device in spinning and twisting machines. 2,569,728, Oct. 2.
Melita, Sebastiano, Philadelphia, Pa. Adjustable guitar bridge. 2,565,253, Aug. 21.
Melita, Sebastiano, Philadelphia, Pa. Pressure actuated coffee maker. 2,577,088, Dec. 4.
Melius, Le Roy M., Southport, assignor to The Lemel Corporation, Bridgeport, Conn. Variable pitch and reversing propeller for marine motors. 2,554,716, May 29.
Mella, Harry C., Fairfield, Conn. Moving route indicator. 2,548,488, Apr. 10.
Mellen, Alice M., assignee: *See*—
Rogers, Harry, and Mellen.
Mellen, Robert H.: *See*—
Haeff, Andrew V., Smith, and Mellen.

Mellen, William F.: *See*—
Rogers, Harry, and Mellen.
Mellenger, Edmund R.: *See*—
Smith, Warren R., Mellenger, and Othmer.
Meller, Raymond E.: *See*—
Kandt, Arthur T., and Meller.
Meller, Reginald B., Oakland, assignor to Bemiss-Jason Company, San Francisco, Calif. Glueless interlock for double walled folding boxes. 2,536,384, Jan. 2.
Meller, Reginald B., Oakland, Calif., assignor to Bemiss-Jason Company. Interlocking corner construction for containers. 2,550,582, Apr. 24.
Meller, Reginald B., Oakland, Calif., assignor to Bemiss-Jason Company. Folding cartons. 2,580,180, Dec. 25.
Meller, Reginald B., Oakland, Calif., assignor to Bemiss-Jason Company. Self-locking folding box. 2,580,181, Dec. 25.
Mellett, Dana S., Dearborn, Mich., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Flow meter. 2,554,715, May 29.
Mellette, Cyril W., Middlebury, assignor to Chase Brass & Copper Co., Incorporated, Waterbury, Conn. Lipstick container. 2,546,195, Mar. 27.
Mellies, William O., Chicago, Ill., assignor to International Harvester Company. Gas nozzle with multiple slot-type ports. 2,544,933, Mar. 13.
Mello, Andrew J.: *See*—
Betterton, George M., and Mello.
Mellor, Albert: *See*—
Crummett, Alan, and Mellor.
Mellor Bromley & Co. Limited, assignee: *See*—
Helliwell, Guy S., and Swindall.
Mellor, John: *See*—
Wolfskill, Roy F., and Mellor.
Melmer, Eric O., assignor to Anchor Steel & Conveyor Company, Detroit, Mich. Conveyer. 2,563,181, Aug. 7.
Melnick, Julius, assignee: *See*—
Martini, Ferruccio.
Melnick, Samuel H., Chicago, Ill. Window ventilating lock. 2,560,656, July 17.
Melnikoff, Zachary: *See*—
Becker, Henry, and Melnikoff.
Mélot, Henri F., assignor of one-half to Societe a Responsabilite Limite Gaz et Chaleur, Paris, France. Deicer arrangement for airplanes. 2,558,493, June 26.
Melpar, Inc., assignee: *See*—
Butts, Robert S.
Cunningham, Russell E.
Hurvitz, Hyman.
Melroe, Edward G., Gwinner, N. Dak. Pickup device for harvesters. 2,570,065, Oct. 2.
Melrose, Richard E., Los Angeles, assignor, to Shell Development Company, San Francisco, Calif. Extractive fractionation process. 2,557,257, June 19.
Melrose, Robert L., Coral Gables, Fla. Sectional pad. 2,548,547, Apr. 10.
Melsheimer, Theodore G., Fallbrook, assignor to Parkhill-Wade, Los Angeles, Calif. Safety nozzle for filling butane tanks. 2,565,872, Aug. 28.
Melsom, Walter A., Wembley, assignor to Bowden (Engineers) Limited, London, England. Flexible hose coupling. 2,572,645, Oct. 23.
Melstrom, Donald S., and R. T. Holm, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Production of triketones. 2,569,132, Sept. 25.
Mel-Ton Bags, Inc., assignee: *See*—
Gottesman, Melvin.
Melton, Oscar N., assignee: *See*—
Sprouse, Erston Y.
Melton, Romie L., R. C. Benner, and H. P. Kirchner, assignors, by mesne assignments, to The Carborundum Company, Niagara Falls, N. Y. Granular coated webs and making same. Re. 23,395, July 24.
Meltzer, Henry E., assignor to All-Over Manufacturing Co., Racine, Wis. Driving mechanism for hair clippers. 2,549,221, Apr. 17.
Meltzer, Jack, Los Angeles, Calif. Procedure for making slip-lasted shoes with full-length sock lining and preformed counter. 2,580,037, Dec. 25.
Meltzer, Jack, New York, N. Y. Making heel-reinforced slip-lasted shoes. 2,552,638, May 15.
Melville, Alexander: *See*—
Taylor, Edward P.
Melville, Alexander, Southport, assignor to Bleachers' Association Limited, Manchester, England. Finishing of woven fabrics. 2,569,897, Oct. 2.
Melville, Thomas, Cleveland, Ohio. Endurance testing machine. 2,557,449, June 19.
Melvin, Francis F., and J. O. Stevens, Elwood, Ind., said Stevens assignor to said Melvin. Spring clip for display racks. 2,547,531, Apr. 3.
Melvin, Francis F., and J. O. Stevens, Elwood, Ind.; said Stevens assignor to said Melvin. Spray gun keeper. 2,578,572, Dec. 11.
Melzer, Frederick A., Gary, Ind. Boring and end mill cutter. 2,557,751, June 19.
Melzer, Julius: *See*—
Brown, James S., and Melzer.
Memphis Metal Manufacturing Co., Inc., assignee: *See*—
Small, Chesley T.
Mende, Leslie: *See*—
Trevor, Rudolf, and Mende.
Mendel, Leo E., and F. J. Port, Chicago, and C. L. Turner, Oak Park, assignors to Cribben and Sexton Company, Chicago, Ill. Range structure. 2,554,626, May 29.
Mendel, Leo E., and F. J. Port, Chicago, and C. L. Turner, Oak Park, assignors to Cribben and Sexton Company, Chicago, Ill. Range structure. 2,559,890, July 10.
Mendelsohn, William A., assignor to Burton Manufacturing Company, Chicago, Ill. Jointed bracket. 2,547,532, Apr. 3.
Mendelsohn, William A., Chicago, Ill. Clip-on sunglasses. 2,574,749, Nov. 13.
Mendelson, Irving: *See*—
Hey, Lester E., Lillenas, and Mendelson.
Mendenhall, Earl, San Marino, assignor to Sterling Electric Motors, Inc., Los Angeles, Calif. Lubricant director. 2,548,229, Apr. 10.
Mendenhall, Harold, assignee: *See*—
Standal, Sylvia I.
Mendenhall, William S., Seattle, Wash. Housing having a spring supported closure remover. 2,565,775, Aug. 28.
Menderman, Fred, Miami, Fla. Surface mounted container opener. 2,576,800, Nov. 27.
Mendoza, Mordecai: *See*—
Beech, Walter F., and Mendoza.
Menegay, Norbert L., Louisville, Ohio. Holder for fishing rods. 2,552,639, May 15.
Menéndez, Victoriano P.: *See*—
Perez, Guillermo H., and Menéndez.
Meng, Victor W., New Hyde Park, N. Y., and J. Huck, Tenafly, N. J., assignors to The Patent Scaffolding Co., Inc., Long Island City, N. Y. Attachment for holding cross braces to end frame scaffolding. 2,561,938, July 24.
Menge, Paul, Dietikon Zurich, Switzerland. Sliding clasp fastener. 2,537,780, Jan 9.
Mengel, William F., Wisconsin Rapids, Wis. Vehicle for hauling and dispensing materials. 2,564,020, Aug. 14.
Menges, Howard C.: *See*—
Beall, Donald L., and Menges.
Meninger, Stephen H., Clifton, N. J. Apparatus for drying articles of clothing or wearing apparel. 2,571,918, Oct. 16.
Menke, John R., assignor to Nuclear Development Associates, Inc., New York, N. Y. Locating deposits. 2,551,449, May 1.
Menkin, Arthur H., Elmhurst, and C. H. Morhardt, Baldwin, N. Y., assignors to The Shredmaster Corporation. Shredding machine. 2,554,114, May 22.
Menkin, Valy, Philadelphia, Pa. Producing therapeutic product. 2,575,763, Nov. 20.
Menne Developments, assignee: *See*—
Menne, Ray J.
Menne, Ray J., assignor to Menne Developments, East Troy, Wis. Airplane wheel chock. 2,551,218, May 1.
Mennecier, Maurice, assignor to Schlumberger Well Surveying Corporation, Houston, Tex. Side wall sample taker. 2,558,452, June 26.
Mennesson, Marcel, assignor to Societe d'Applications et de Constructions pour Materiel Automobile (S. A. C. M. A.) S. A. R. L., Neuilly-sur-Seine, France. Device for measuring or checking a transverse dimension in a piece of indefinite length. 2,560,883, July 17.
Mennesson, Marcel, assignor to Societe Anonyme de Construction de Materiel Automobile (S. A. C. M. A.), Neuilly-sur-Seine, France. Pressure regulator. 2,565,616, Aug. 28.
Mennesson, Marcel, assignor to Societe Anonyme de Construction de Materiel Automobile (S. A. C. M. A.), Neuilly-sur-Seine, France. Opposed contact gauge and guide. 2,571,917, Oct. 16.
Mennesson, Marcel L., assignor to Societe Anonyme de Construction de Materiel Automobile (S. A. C. M. A.), Neuilly-sur-Seine, (Seine), France. Pneumatic bore gauge. 2,574,342, Nov. 6.
Mennie, Edward W., Windsor, Ontario, Canada, assignor to H. H. Crawford, Detroit, Mich. Universal shrink rule. 2,555,453, June 5.
Mennie, Edward W., Windsor, Ontario, Canada, assignor to H. H. Crawford, Detroit, Mich. Ellipse compass. 2,577,905, Dec. 11.
Menning, George, and E. H. Seibert, assignors to Autopoint Company, Chicago, Ill. Telephone address index. 2,541,881, Feb. 13.
Menrath, Joseph E., Chicago, Ill. Jar and jacket therefor. 2,575,283, Nov. 13.
Mensch, Harvey P., Orange, assignor to Allen B. Du Mont Laboratories, Inc., Passaic, N. J. Shield for tube sockets. 2,574,978, Nov. 13.
Menser, Henry E., Crofton, Ky. Receptacle holder. 2,563,351, Aug. 7.
Mensing, Carl E.: *See*—
Cooper, Hal B. H., and Mensing.
Mentzel, Sigmund T., Gary, Ind., assignor to United States Steel Company. Linear measuring device. 2,557,450, June 19.
Mentzer, Ralph B., assignor to Hamilton Watch Company, Lancaster, Pa. Surface ornamenting machine. 2,557,055, June 12.
Menzel, Erich, Paris, France. Automatically operating universal hydraulic press for the molding of thermosetting plastics. 2,556,818, June 12.

Menzel, Paul R., Queens Village, and J. W. West, Jackson Heights, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Apparatus for high-frequency heating and sealing fixtures. 2,572,646, Oct. 23.

Menzies, Alexander C. G., and J. H. Dowell, assignors to Adam Hilger Limited, London, England. Concave grating spectrograph of the Rowland type. 2,548,548, Apr. 10.

Menzies, William E., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Cross-connected armature. 2,574,650, Nov. 13.

Meopta, spojene zavody pro jemnou mechaniku a optiku narodni podnik, assignee: *See*—
Kupka, František.

Meranda, Orville O., Spokane, Wash. Oil waste retainer for railroad journal boxes. 2,577,622, Dec. 4.

Mercer John P.: *See*—
Williams, Ernest, Whitehead, and Mercer.

Mercer, Raymond L., Morenci, Mich. Valve cap gauge. 2,579,120, Dec. 18.

Mercer, William G.: *See*—
Marr, John V., and Mercer.

Mercer, William M., Los Angeles, Calif. Liquid level control mechanism. 2,568,506, Sept. 18.

Mercer, William R.: *See*—
Sanders, Royden C., Jr., and Mercer.

Merchant, Charles W.: *See*—
Griffes, Milton W., and Merchant.

Merchant, Chester O., assignor to Swanson Tool and Machine Products, Inc., Erie, Pa. Selecting and positioning device. 2,554,788, May 29.

Merchants Despatch Transportation Corporation, assignee: *See*—
Keleher, William H.

Merchants Trust Co., executor: *See*—
Reichart, James H.

Mercier, Armond J., Essexville, Mich., and D. C. Lawless, Vermilion, Ohio. Dispensing device. 2,555,984, June 5.

Mercier, Edward G., Flushing, and A. F. Hayek, Pleasantville, N. Y., assignors to General Precision Laboratory Incorporated. Intermittent movement. 2,559,509, July 3.

Mercier, Emile, assignor to Etablissements Mercier, Saint-Etienne, Loire, France. Bicycle, tandem, or like frame. 2,580,118, Dec. 25.

Mercier, Ernest, Paris, France, assignor, by mesne assignments, to Moore, Inc., Atlanta, Ga. Equipressure vapor generator and operating same. 2,547,135, Apr. 3.

Mercier, Ernest, and M. Ehlinger, Paris, France, assignors, by mesne assignments, to Moore, Inc., Atlanta, Ga. Oscillating fluid pressure machine. 2,569,640, Oct. 2.

Mercier, Ernest and M. Ehlinger, Paris, France, assignors, by mesne assignments, to Moore, Inc., Atlanta, Ga. Oscillating fluid pressure machine. 2,570,832, Oct. 9.

Mercier, Ernest, and M. Ehlinger, Paris, France, assignors, by mesne assignments, to Moore, Inc., Atlanta, Ga. Apparatus for converting reciprocating motion to rotary motion. 2,571,153. Oct. 16.

Mercier, Ernest, and M. Ehlinger, Paris, France, assignors, by mesne assignments, to Moore, Inc., Atlanta, Ga. Obturator or valve. 2,576,848, Nov. 27.

Mercier, Ernest F. and P. E., Paris, France, assignors, by mesne assignments, to Moore, Inc., Atlanta, Ga. Balanced double-acting engine. 2,578,439. Dec. 11.

Mercier, Jacques H. and Jean, New York, N. Y. Shock absorber. 2,565,617, Aug. 28.

Mercier, Jean: *See*—
Mercier, Jacques H. and Jean.

Mercier, Jean, New York, N. Y., vested in the Attorney General. Storage device. Re. 23,333, Jan. 23.

Mercier, Jean, New York, N. Y. Oleopneumatic device. Re. 23,437, Dec. 4.

Mercier, Jean, New York, N. Y. Accumulator. 2,558,770, July 3.

Mercier, Jean, New York, N. Y. Servo pressure regulator valve. 2,571,154, Oct. 16.

Mercier, Jean, New York, N. Y. Relief valve. 2,575,969, Nov. 20.

Mercier, Jean, Paris, France. Telescopic shock absorbing strut. 2,570,362, Oct. 9.

Mercier, Jean, New York, and E. M. Greer, West Hempstead, said Greer assignor to Greer Hydraulics, Inc., Brooklyn, N. Y. Accumulator shell sealing plug. Re. 23,343, Feb. 20.

Mercier, Jean G., New York, and E. M. Greer, West Hempstead, said E. M. Greer assignor to Greer Hydraulics, Inc., Brooklyn, N. Y. Spring controlled guide rod for the oil port valve of an accumulator. 2,546,648, Mar. 27.

Mercier, Pierre E.: *See*—
Mercier, Ernest F. and P. E.

Mercier, Pierre E., New York, N. Y. Aircraft brake cooling means. 2,552,571, May 15.

Mercier, Robert M., Paris, France. Device for breaking up foam and froth. 2,564,765, Aug. 21.

Mercier, Simone, assignee: *See*—
Weber, Isaac E., and Blumenfeld.

Mercier, Stanley M., Bexley, Ohio, assignor to The Jeffrey Manufacturing Company. Bucket elevator for hydrocarbon conversion systems. 2,570,363, Oct. 9.

Mercier, Stanley M., Bexley, Ohio, assignor to The Jeffrey Manufacturing Company. Self-aligning belt idler. 2,570,364, Oct. 9.

Mercier, Stanley M., Bexley, Ohio, assignor to The Jeffrey Manufacturing Company. Sprocket wheel construction. 2,579,749, Dec. 25.

Mercier, Wilbur F., Detroit, Mich., assignor to Bel-Ray Company, Inc., Madison, N. J. Lubricator for moving conveyer chains. 2,543,638, Feb. 27.

Merck & Co., Inc., assignee: *See*—
Beutel, Ralph H., and Elder.
Bittenbender, William A., and Babson.
Brink, Norman G., and Folkers.
Buhs, Rudolf P., and Trenner.
Clark, Robert L.
Conn, John B.
Cram, Donald J., and Tishler.
Dulaney, Eugene L.
Finn, Robert K.
Folkers, Karl, and Holly.
Folkers, Karl, and Shavel.
Folkers, Karl A., and Peck.
Gakenheimer, Walter C.
Gloss, Gunter H.
Harris, Stanton A.
Harris, Stanton A., and Folkers.
Harris, Stanton A., Mozingo, Arth, and Folkers.
Harris, Stanton A., Wilson, and Folkers.
Hoffman, Dorothea H.
Hoffman, Dorothea H., Harris, and Folkers.
Hoffman, Roger A., Bittenbender, and Stoll.
Howe, Eugene E., and Pietrusza.
Howe, Eugene E., and Putter.
Jones, Robert E.
Keresztesy, John C., and Rickes.
Koniuszy, Frank R., and Folkers.
Kuehl, Frederick A., Jr.
Lawhead, James S., Mozingo, and Van de Kamp.
McDaniel, Lloyd E.
McDaniel, Lloyd E., and Hodges.
McPherson, James F., and Mozingo.
Mozingo, Ralph, McPherson, and Folkers.
Peck, Robert L.
Pfister, Karl, III, Robinson, and Tishler.
Pfister, Karl, III, and Tishler.
Rickes, Edward L., and Wood.
Rogers, Edward F.
Rogers, Edward F., Phillips, Shunk, Koniuszy, and Folkers.
Sarett, Lewis H.
Sletzinger, Meyer, and Tishler.
Stetcher, Paul G., and Jackson.
Stoloff, Leonard S.
Sweet, Roger S., and Benson.
Tishler, Max.
Trenner, Nelson R., and Bacher.
Weijlard, John, and Tishler.
Wendler, Norman L., and Slates.
Wolf, Donald E.
Wolf, Donald E., and Folkers.
Wolf, Frank J.
Wolff, Ernst A.
Zambito, Arthur J., and Howe.

Merckx, Philibert L. J. R., assignor to Gevaert Photo-Producten N. V., Mortsel-Antwerp, Belgium. Photographic silver halide emulsion containing color coupler. 2,540,401, Feb. 6.

Merco Centrifugal Co., assignee: *See*—
Merrill, John L., and Botke.

Mercury Manufacturing Company, The, assignee: *See*—
Milz, Harold E.
Milz, Harold E., and Sichman.

Merdian, Virginia S., Moline, Ill. Shielded crib for babies. 2,566,737, Sept. 4.

Meredew, George C.: *See*—
Yates, John E. N., Dawson, and Meredew.

Meredith, Frank D., and J. W. Hunsinger, Burlington, Vt., assignors to Bell Aircraft Corporation, Wheatfield, N. Y. Commodity vending and coin change control machine. 2,571,596, Oct. 16.

Meredith, Frederick W., Cricklewood, London, assignor to S. Smith & Sons (England) Limited, London, England. Rate-of-turn gyroscope. 2,537,844, Jan. 9.

Meredith, Frederick W., London, and F. R. Milson, Boreham Wood, assignors to S. Smith & Sons (England) Limited, London, England. Automatic control and indicating system for crafts. 2,546,555, Mar. 27.

Meredith Publishing Company, assignee: *See*—
Parrish, J. Russell.

Meredith, Samuel A., Elmhurst, Ill. Automatic retarder control. 2,551,754, May 8.

Meredith, William G., assignor of fifty per cent to P. W. Dunn, Crestview, Fla. Tire and wheel dolly and lift. 2,543,296, Feb. 27.

Meredith, William R., Youngstown, Ohio. Metal strip uncoiler. 2,558,055, June 26.

Meredyk, Adam, assignee: *See*—
Kosik, Martin.

Mergehenn, Adolph, Baltimore, Md. Truss construction. 2,543,416, Feb. 27.

Mergen, Joseph M.: *See*—
Chillson, Charles W., and Mergen.

Mergen, Joseph M., Verona, and R. K. Tiedeman, Packanack Lake, N. J., assignors to Curtiss-Wright Corporation. Bidirectional no-back clutch. 2,566,705, Sept. 4.
Mergenthaler Linotype Company, assignee: *See*—
Albin, Archer O.
Frolander, Frank C.
Hilpman, John H.
Lucy, Lester B.
Owens, Harry W.
Rattray, George.
Turner, Ransom H.
Mergentheim, Morton A., Jr., New York, N. Y. Umbrella rib tip. 2,551,277, May 1.
Merhar, Frank J., Portland, Oreg. Holder for punchboards. 2,569,860, Oct. 2.
Merhaut, Josef, assignor to Tesla, slaboproudé a radiotechnické závody, Národní Podnik, Prague, Czechoslovakia. Parallel assembly of amplifiers. 2,536,651, Jan. 2.
Meriam Instrument Company, The, assignee: *See*—
Hejduk, Arthur A.
Merian, Ernst: *See*—
Kartaschoff, Valentin, and Merian.
Merion, Howard D.: *See*—
Coleman, James W., Hall, Merion, Moss, and Pedlow.
Merit Engineering, Inc., assignee: *See*—
Stevenson, Robert.
Merit Engineering and Manufacturing Co., assignee: *See*—
Garey, Leonard H.
Merit Products, Inc., assignee: *See*—
Pokras, Harry.
Meriwether, Bertie C., New York, N. Y. Adjustable support. 2,565,978, Aug. 28.
Meriwether, Lonnie, Mount Carmel, Ill. Lever actuated drum tone modulator. 2,572,504, Oct. 23.
Merk, Albert W., Cincinnati, Ohio. Electro-type straightener with rocking plate sections. 2,562,565, July 31.
Merkel, Herbert A.: *See*—
Heck, John, Sr., and Merkel.
Merkl, Lloyd D.: *See*—
Haase, Gordon W., and Merkl.
Merkley, Woodrow B., Price, Utah. Combination mount and countershaft for watchmakers. 2,553,929, May 22.
Merla Tool Corporation, assignee: *See*—
Lamb, Roy A.
Robison, Jay L.
Merles, Antoine J., Paris, France. Device for positioning parts. 2,576,305, Nov. 27.
Mero Co. Inc., assignee: *See*—
Edwards, Albert G.
Mero, Ralph M.: *See*—
Johnson, Scott R., and Mero.
Merola, Anthony, Pittsburgh, Pa. Mechanical sound-signal appliance. 2,554,627, May 29.
Merola, Anthony, Pittsburgh, Pa. Emergency signaling device. 2,554,789, May 29.
Merola, Anthony, Pittsburgh, Pa. Shovel. 2,555,752, June 5.
Merrell, Wm. S., Company, The, assignee: *See*—
Shelton, Robert S., Farmer, and Tilford.
Shelton, Robert S., and Tilford.
Shelton, Robert S., and Van Campen.
Merriam, Charles F., Princeton, Fla. Therapeutic shower bath apparatus. 2,567,614, Sept. 11.
Merriam, Henry F., West Orange, N. J., and T. Cummings, Brooklyn, N. Y., assignors to Allied Chemical & Dye Corporation. Manufacture of oleum. 2,562,240, July 31.
Merrick, Layton T., assignor to Sterileair Corporation of America, Kansas City, Mo. Method and apparatus for deodorizing a space. 2,557,451, June 19.
Merrick, Leon A., Adrian, Mich. Poultry killing rack. 2,570,143, Oct. 2.
Merrill, Cathey C., Memphis, Tenn. Gun support. 2,542,343, Feb. 20.
Merrill, Cy R., Towson, Md., assignor to The Black & Decker Manufacturing Company. Ridge or step grinder for internal-combustion engines. 2,578,195, Dec. 11.
Merrill, Dennis W., Albany, Oreg. Log groover. 2,561,746, July 24.
Merrill, Edward W., Cambridge, assignor to Dewey and Almy Chemical Company, North Cambridge, Mass. Textile print blanket. 2,547,220, Apr. 3.
Merrill, Frank W., Fort Wayne, Ind., assignor to General Electric Company. Rotor for synchronous induction motors. 2,543,639, Feb. 27.
Merrill, Frederic D., Jr., Orange, N. J., assignor to Radio Corporation of America. Electronic musical instrument. 2,551,807, May 8.
Merrill, John B., and A. B. Davis, Towanda, Pa., assignors to Sylvania Electric Products Inc., Salem, Mass. Zinc silicate phosphor. 2,554,999, May 29.
Merrill, John L., San Francisco, and W. A. Botke, Berkeley, assignors to Merco Centrifugal Co., San Francisco, Calif. Centrifuge construction. 2,559,453, July 3.
Merrill, Josiah L., Port Washington, N. Y., and G. C. Reier, Westfield, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Volume limiting amplifier. 2,561,747, July 24.
Merrill, Leslie M., assignee, trustee: *See*—
Lundgren, Sven G., and Eriksson.
Merrill, Lynn L.: *See*—
Slaymaker, Frank H., Meeker, and Merril.
Merrill, Marcellus S., assignee: *See*—
Erickson, Lowell H.
Merrill, Marcellus S., Denver, Colo. Auto-top carrier for skis, toboggans, and like articles. 2,575,458, Nov. 20.
Merrill, Marion C., Miami, Fla. Facial mask. 2,558,263, June 26.
Merrill, Sidney B., assignee: *See*—
Allen, William M.
Merrill, William D.: *See*—
Hazen, James D., and Merrill.
Merrill, William E., Dayton, Ohio. Electric bearing tester. 2,538,790, Jan. 23.
Merrimac Hat Corporation, assignee: *See*—
Feltham, Harry C.
Merrimack Manufacturing Company, assignee: *See*—
Herron, Alexander T.
Merriman, Charles J., Boston, Mass., and A. P. Huchberger, New York, N. Y., assignors to Consolidated Rendering Company, Boston, Mass. Rendering cooker. 2,551,034, May 1.
Merriman, Henry H., assignor to Aeroquip Corporation, Jackson, Mich. Break away coupling. 2,538,259, Jan. 16.
Merriman, Henry H., assignor to Harry D. Boardman, Jackson, Mich. Clamping device. 2,545,668, Mar. 20.
Merriman, Henry H., Jackson, Mich. Screw advanced rapid traverse force applying unit. 2,567,571, Sept. 11.
Merriman, Horace B.: *See*—
Hardacre, William, Beaumont, and Merriman.
Merrion, Frank E., Berwyn, Ill. Collet chuck. 2,542,552, Feb. 20.
Merritt, George E., Elmira Heights, N. Y., assignor to Bendix Aviation Corporation. Apparatus for producing artificial crystals. 2,562,325, July 31.
Merritt, George J.: *See*—
Rose, Arthur, and Merritt.
Merritt, William G., Alameda, Calif. Apparatus for washing bearings. 2,549,837, Apr. 24.
Merrow Machine Company, The, assignee: *See*—
Pierce, Bernard N.
Washburn, John M.
Merry, Edward C., assignor of one-half to G. M. Turner, Greensboro, N. C. Differential wheel unit for trailers or the like. 2,575,064, Nov. 13.
Merry, Edward C., assignor of one-half to G. M. Turner, Greensboro, N. C. Differential wheel unit. 2,575,065, Nov. 13.
Merry Hull & Company, assignee: *See*—
Geissmann, Gladys W.
Merry, Walter: *See*—
Coddington, Samuel H., and Merry.
Merryman, Carl, assignor to Dur-O-Lite Pencil Company, Melrose Park, Ill. Pencil clip. 2,555,985, June 5.
Merryman, Carl, assignor to Dur-O-Lite Pencil Company, Melrose Park, Ill. Friction tube construction. 2,563,128, Aug. 7.
Merryweather, James, Greencastle, Ind. Train controlling device. 2,546,468, Mar. 27.
Mers, Herman, New York, N. Y. Window construction. 2,561,527, July 24.
Mersereau, Emory P., Jr., White Plains, assignor to Alexander Smith & Sons Carpet Company, Yonkers, N. Y. Back-sizing composition for floor coverings. 2,542,344, Feb. 20.
Mersereau, Everard C., Westfield, N. J., assignor to The Ellcon Company. Hand strap. 2,547,483, Apr. 3.
Mersey Paper Company, Limited, assignee: *See*—
Cowie, James C.
Mershon, Clarence L., Lima, Ohio, assignor, by mesne assignments, to the United States of America as represented by the Secretary of the Air Force. Synchronizing relay. 2,538,700, Jan. 16.
Merske, Lawrence J., Milwaukee, Wis. Hose size indicator wrapper. 2,537,417, Jan. 9.
Merson, Thomas J.: *See*—
Shenk, Eugene R., and Merson.
Mertes, Joseph V., Baltimore, Md., assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Rotary brush. 2,576,408, Nov. 27.
Mertler, Charles S., Mansfield, Ohio. Snap-action thermostatic switch. 2,543,040, Feb. 27.
Mertler, Charles S., Mansfield, Ohio. Thermostatic switch. 2,579,389, Dec. 18.
Mertz, Clyde W., and H. W. Cutcher, Borger, and J. A. McBride, Phillips, Tex., assignors to Phillips Petroleum Company. Oxidation of mercaptans. 2,558,221, June 26.
Mertz, Clyde W., and H. W. Cutcher, Borger, and J. A. McBride, Phillips, Tex., assignors to Phillips Petroleum Company. Oxidation of mercaptans. 2,574,884, Nov. 13.
Mertz, Howard A., and R. W. Hird, assignors to Continental Oil Company, Ponca City, Okla. Oil can display stand. 2,537,686, Jan. 9.
Mertzel, Leo, Flushing, N. Y. Cigarette extinguisher and retrieving device. 2,536,302, Jan. 2.
Mertzweiller, Joseph K., Baton Rouge, La., assignor to Standard Oil Development Company. Preparation of high molecular weight unsaturated ethers. 2,578,724, Dec. 18.
Mertzweiller, Joseph K., and J. J. Owen, Baton Rouge, La., assignors to Standard Oil Development Company. Synthesis of oxygenated organic compounds. 2,560,360, July 10.
Mervine, Elmer W., Annandale, Va. Assembly and repair rack for wheeled vehicles. 2,556,929, June 12.

Merwin, Frederick H., assignor to Milford Rivet and Machine Company, Milford, Conn. Self-threading fastener. 2,572,647, Oct. 23.
Merwin, Harry H., Rutherford, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Driving mechanism. 2,562,729, July 31.
Merwin, Harry H., Rutherford, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Reel spindle. 2,575,062, Nov. 13.
Merwin, Harry H., Rutherford, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Shearing machine. 2,579,750, Dec. 25.
Merwin, Harry H., Rutherford, and D. V. Waters, Flemington, N. J., assignors to Western Electric Company, Incorporated, New York, N. Y. Article handling and sorting apparatus. 2,546,314, Mar. 27.
Merwin, Owen T., Brooklyn, assignor to Buensod-Stacey, Inc., New York, N. Y. Method of and apparatus for controlling humidification of air. 2,562,201, July 31.
Merwitz, Paul: *See*—
Fischer, Leo, and Merwitz.
Merz, Victor, Burton-upon-Trent, England. Recovering wax from sugar cane. 2,577,587, Dec. 4.
Mesa, Joseph O., Bayside, N. Y., assignor to Stewart-Warner Corporation, Chicago, Ill. Capacitor type translating system having a varying reactance. 2,559,454, July 3.
Mesa, Joseph O., Richmond Hill, N. Y., assignor, by mesne assignments, to the United States of America as represented by the Secretary of the Navy. Display arrangement for aircraft-coordinating systems. 2,542,825, Feb. 20.
Mesch, Orwar S. A.: *See*—
Coyne, Howard L., Fessler, Hampton, Mesch, and Thompson.
Hampton, Leon N., Mesch, and Obst.
Meschino, Ronald G., Toronto, assignor to A. V. Roe Canada Limited, Malton, Ontario, Canada. Dual spray nozzle for fuel burners. 2,561,939, July 24.
Meservey, Edwin S., Kingsport, Tenn. Loom check strap. 2,574,275, Nov. 6.
Mesh, Theodore J.: *See*—
Bills, Philip H., Logan, and Mesh.
Mesh, Theodore J., Easthampton, assignor to Gilbert & Barker Manufacturing Company, West Springfield, Mass. Vibratory electric motor. 2,568,757, Sept. 25.
Mesh, William E., Teaneck, assignor to Sperry Products, Inc., Hoboken, N. J. Rail flaw detector mechanism. 2,549,916, Apr. 24.
Mesik, Edward, Buffalo, N. Y. Can opener. 2,554,628, May 29.
Mesirow, Sheldon L., assignor to Lee Products, Inc., Chicago, Ill. Torque transmitting and cushioning means. 2,542,154, Feb. 20.
Mesmer, John E., Los Angeles, Calif. Infant's diaper. 2,570,963, Oct. 9.
Mesner, Max H., Princeton, N. J., assignor to Radio Corporation of America. Relay device. 2,579,269, Dec. 18.
Messana, Joseph P., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Sealing glass to metal. 2,549,504, Apr. 17.
Messant, Louis, Raubaix, France, assignor to Pratt, Read and Company, Inc., Ivoryton, Conn. Piano action. 2,571,155, Oct. 16.
Messenger, Anna Z., assignee: *See*—
Messenger, Robert W.
Messenger, Robert W., deceased, assignor to one-fourth to W. A. Messenger, one-fourth to A. Z. Messenger, and one-fourth to Z. A. Messinger, Salisbury, Md., Z. M. and W. A. Messenger, executors of said R. W. Messenger. Cutting blanks from thin sheets or strips of metal. 2,537,540, Jan. 9.
Messenger, William A., executor: *See*—
Messenger, Robert W.
Messenger, Zilda M., executrix: *See*—
Messenger, Robert W.
Messer, William E., Cheshire, and J. A. Reynolds, Naugatuck, Conn., assignors to United States Rubber Company, New York, N. Y. Diacetyl as shortstop in butadiene-1,3 emulsion polymerization. 2,538,260, Jan. 16.
Messerschmidt, Ernest A., Newark, Ohio. Cleaning machine for machine parts and the like. 2,567,820, Sept. 11.
Messina, Joseph, assignee: *See*—
Paul, Charles J.
Messinger, Bernard L., Pacific Palisades, and H. Drell, Sherman Oaks, assignors to Lockheed Aircraft Corporation, Burbank, Calif. Thermal deicing system for aircraft. 2,563,054, Aug. 7.
Messinger, William, Philadelphia, Pa. Radiant heat dryer. 2,565,570, Aug. 28.
Messinger, William, Philadelphia, Pa. Vertical axis dispersion mill with drive motor supported from conical grinding head. 2,574,979, Nov. 13.
Messinger, William, Philadelphia, Pa., and D. B. Lytle, Bronxville; said Lytle assignor to Time, Incorporated, New York, N. Y. Anode control for plating tanks. 2,545,294, Mar. 13.
Messmer, Edwin E., Flushing, and J. D. Sylvester, Garden City, assignors to Amsco Packaging Machinery Inc., Long Island City, N. Y. Bag handling machine having means for driving the bag downwardly and closing the mouth thereof. 2,576,471, Nov. 27.
Messmer, Edwin E., Flushing, and J. D. Sylvester, Garden City assignors to Amsco Packaging Machinery Inc., Long Island City, N. Y. Glue applicator for bag sealing machines. 2,576,472, Nov. 27.
Messrs. M. L. Aviation Company Limited, assignee: *See*—
Lobelle, Marcel J. O.
Mesta Machine Company, assignee: *See*—
Iversen, Lorenz, and Waldschutz.
Meszaros, George W., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Time delay control apparatus. 2,554,837, May 29.
Metal Hydrides Incorporated, assignee: *See*—
Banus, Mario D., and Gibb.
Finholt, Albert E.
Lindsley, Thayer, and Alexander.
Metal Limb Manufacturers, Inc., assignee: *See*—
Hanger, James E. III.
Metal Products Corporation, assignee: *See*—
Kincannon, Leo T.
Metal Products, Inc., assignee: *See*—
Nowell, Richard A.
Metal Seal and Products, Inc., assignee: *See*—
Heinrich, August H.
Metal Textile Corporation, assignee: *See*—
Goodloe, Alfred M.
Kingman, Barclay A.
Metal and Thermit Corporation, assignee: *See*—
Andrews, William.
Coffeen, William W.
Johnson, Ernest W., and Church.
Richter, Hartmut W.
Metal Trim Limited, assignee: *See*—
Penkala, Emil.
Metalastik Limited, assignee: *See*—
Goldschmidt, Max.
Metalcraft Manufacturing Corp., assignee: *See*—
Henkin, Maurice.
Metalcraft Products Co., assignee: *See*—
Nowell, Richard A.
Metalite, Inc., assignee: *See*—
Greene, Howard B.
Metallizing Company of America, assignee: *See*—
Kenshol, Kenneth W.
Metallizing Engineering Co. Inc., assignee: *See*—
Davidoff, Charles.
Shepard, Arthur P.
Wilson, Charles K.
Metalloy Corporation, assignee: *See*—
Ellestad, Reuben B., and Babbitt.
Ellestad, Reuben B., Stewart, and Babbitt.
Metallschlauchfabrik A. G., assignee: *See*—
Dreyer, Albert.
Metallurgical Processes Co., assignee: *See*—
Ness, Harold J.
Metals and Controls Corporation, assignee: *See*—
Matteson, George A., Jr.
Ottmar, Jerome.
Smith, Ezra S.
Williams, Joseph M.
Metalwash Machinery Company, assignee: *See*—
Zademach, Erich R., and Clarke.
Metcalf, David D., Beckville, Tex. Electric fence. 2,574,052, Nov. 6.
Metcalf, Irving R., and G. E. Bock, Chicago, assignors to Whiting Corporation, Harvey, Ill. Electric chain hoist. 2,570,833, Oct. 9.
Metcalf, John H., Corpus Christi, Tex. Tapering and thinning shears. 2,558,264, June 26.
Metcalfe, Clifford, Ruislip, and R. Sexton, Hayes End, assignors to Electric & Musical Industries Limited, Hayes, England. Socket for electrical devices. 2,536,652, Jan. 2.
Metcalfe, Clifford, Ruislip, and A. J. Rae, Southall, assignors to Electric & Musical Industries Limited, Hayes, Middlesex, England. Pickup support apparatus for phonographs. 2,552,199, May 8.
Metcalfe, Clifford, Ruislip, and A. J. Rae, Southall, assignors to Electric & Musical Industries Limited, Hayes, Middlesex, England. Apparatus for automatically playing gramaphone records. 2,571,466, Oct. 16.
Meth, Maurice, Bronx, N. Y. Wheeled animal figure toy. 2,570 834, Oct. 9.
Metheny, Clyde E., San Diego, L. R. Alexander, Los Angeles, and S. Turner, Santa Monica, Calif. Method and apparatus for coloring oleomargarine. 2,539,457, Jan. 30.
Metherell, Walter A., Turlock, Calif. Trailer house. 2,569,641, Oct. 2.
Method, Robert C.: *See*—
Glenny, Clarence S., and Method.
Metron Instrument Company, assignee: *See*—
Floyd, Frederick K., and Custer.
Metropolitan Consulting Chemists, Inc., assignee: *See*—
Eisner, Hans E.
Metropolitan Electric Mfg. Co., assignee: *See*—
Grady, Stephen S.
Metropolitan Engineering Company, assignee: *See*—
Phelps, George H., and Frischmann.
Metropolitan Firearms Company, assignee: *See*—
Jacobs, Alfred.

Metropolitan Greenhouse Mfg. Corp., assignee: *See*—
Jacobs, Saul.
Metropolitan-Vickers Electrical Company, Limited, assignee: *See*—
Baumann, Karl.
Dannatt, Cecil.
Ludlow, John H.
Metsger, Alfred B., U. S. Navy. Carburetor arrangement. 2,562,202, July 31.
Metsger, Charles S., Atlantic Highlands, assignor to Bendix Aviation Corporation, Teterboro, N. J. Engine starter meshing means. 2,561,940, July 24.
Metsger, Charles S., Lodi, assignor to Bendix Aviation Corporation, Teterboro, N. J. Friction holding and sealing means for direct cranking engine starters and the like. 2,540,208, Feb. 6.
Metsger, Charles S., Lodi, assignor to Bendix Aviation Corporation, Teterboro, N. J. Engine starter and the like. 2,553,201, May 15.
Metsger, Charles S., Morris Plains, assignor to Bendix Aviation Corporation, Teterboro, N. J. Engine starter meshing means. 2,548,268, Apr. 10.
Metsger, Charles S., Morris Plains, assignor to Bendix Aviation Corporation, Teterboro, N. J. Starter-generator gearing. 2,553,202, May 15.
Mette, Norman H., Detroit, Mich. Colostomy bag. 2,575,063, Nov. 13.
Mettetal, Donald, Jr., Chicago, Ill. Tow-bar brake actuator. 2,575,183, Nov. 13.
Mettler, Rollin W., Hamden, assignor to National Folding Box Company, Inc., New Haven, Conn. Folding box forming machine. 2,570,144, Oct. 2.
Mettler, Rollin W., Hamden, assignor to National Folding Box Company, Inc., New Haven, Conn. Folding box forming machine. 2,570,145, Oct. 2.
Mettler, Rollin W., Hamden, assignor to National Folding Box Company, Inc., New Haven, Conn. Folding box forming machine. 2,570,146, Oct. 2.
Mettrick, Arthur, Bellmore, and D. Hook, New York, N. Y. Jig. 2,538,791, Jan. 23.
Metts, Paul E., Crafton, assignor to Aluminum Products Corporation, Pittsburgh, Pa. Frame and panel construction. 2,554,915, May 29.
Metts, Paul E., Crafton, assignor to Aluminum Products Corporation, Pittsburgh, Pa. Metal storm window. 2,576,260, Nov. 27.
Metz, Adolphe N. F.: *See*—
Séchaud, Roger G., and Metz.
Metz, Christopher, West Hempstead, N. Y. Bowling game apparatus. 2,541,266, Feb. 13.
Metz, Claude L., and N. L. Metz, Tulelake, Calif. Releasable subsoiler latch means. 2,552,292, May 8.
Metz, Elizabeth R.: *See*—
Metz, John R. and E. R.
Metz, Ernest E., assignor to E. E., and L. S. Metz, North Hollywood, Calif. Optical refracting control lens of cylindrical echelon shape. 2,554,584, May 29.
Metz, George F.: *See*—
Morrison, George O., and Metz.
Metz, George F., Diamond Point, assignor to Shawinigan Products Corporation, New York, N. Y. Polyvinyl acetate molding composition. 2,555,274, May 29.
Metz, George F., Diamond Point, assignor to Shawinigan Products Corp., New York, N. Y. Record molding composition. 2,563,792, Aug. 7.
Metz, John R. and E. R., Syracuse, N. Y. Valance assembly support. 2,563,734, Aug. 7.
Metz, Lovey S., assignee: *See*—
Metz, Ernest E.
Metz, Noble L.: *See*—
Metz, Claude L. and N. L.
Metz, Weldon L.: *See*—
Wallace, James M., and Metz.
Metzgar, Chester W., Easton, Pa., assignor to Ingersoll-Rand Company, New York, N. Y. Compressor unloader. 2,550,845, May 1.
Metzger, Harry, Brooklyn, N. Y. Convertible collar and yoke for ladies' garments. 2,563,687, Aug. 7.
Metzger, Harry C., Los Angeles, Calif. Control. 2,542,423, Feb. 20.
Metzger, Hendrix W., Boonvile, Ind. Drape supporting clamp. 2,560,975, July 17.
Metzger, Leopold H., assignor to Super-Cut, Inc., Chicago, Ill. Rotary saw. 2,540,793, Feb. 6.
Metzger, Mortimer I., Flushing, N. Y. Scissors. 2,557,553, June 19.
Metzger, William J., East Cleveland, assignor to National Malleable and Steel Castings Company, Cleveland, Ohio. Draft rigging. 2,556,732, June 12.
Metzger, William J., East Cleveland, assignor to National Malleable and Steel Castings Company, Cleveland, Ohio. Car coupler. 2,562,203, July 31.
Metzger, William J., East Cleveland, assignor to National Malleable and Steel Castings Company, Cleveland, Ohio. Car coupler. 2,562,504, July 31.
Metzler, Aaron R., Randolph, Mass., assignor to Armstrong Cork Company, Lancaster, Pa. Severing tubes of resilient material. 2,539,372, Jan. 23.
Metzler, Charles L., Palisades Park, N. J., and B. Bowen, assignors to Stratford Pen Corporation, New York, N. Y. Lighter. 2,551,688, May 8.
Metzler, Norman R., York, Pa. Bang shaper. 2,539,198, Jan. 23.
Meuer, George J., assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Electric switch. 2,571,467, Oct. 16.
Meuleau, Charles: *See*—
Bruzau, Marie, and Meuleau.
Meulendyke, Charles E., Rochester, N. Y. Etching of aluminum. 2,556,626, June 12.
Meuler, James H., Oconomowoc, Wis. Resuscitation apparatus. 2,566,351, Sept. 4.
Meuller, Karl H., and H. V. Törnebohm, assignors to Aktiebolaget Svenska Kullagerfabriken, Goteborg, Sweden. Spherical bore gauge. 2,577,262, Dec. 4.
Meunier, Marcel, Cuesmes, assignor to Ateliers de Constructions Electriques de Charleroi, Brussels, Belgium. Rotating diaphragm transducer for solid material testing. 2,545,101, Mar. 13.
Meyer, Adolf, Kusnacht, assignor to Aktiengesellschaft Brown, Boveri & Cie, Baden, Switzerland. Gas turbine plant heat exchanger cleaning apparatus. 2,538,701, Jan. 16.
Meyer, Alvin D.: *See*—
Pifer, Marion J., and Meyer.
Meyer, Alvin D., Kenmore, assignor, by mesne assignments, to Sylvania Electric Products Inc., New York, N. Y. Push-push latch. 2,565,873, Aug. 28.
Meyer, Alvin F., Cincinnati, Ohio. Utility cart. 2,578,440, Dec. 11.
Meyer, Alvin L.: *See*—
Cleland, James E., and Meyer.
Meyer, August M., Camas, Wash. Automatic gripping spatula. 2,573,922, Nov. 6.
Meyer, Eckart: *See*—
Gündel, Wolfgang, Meyer, Offermann, and Fuchs.
Meyer, Edgar J., Buffalo, N. Y., assignor to American Optical Company, Southbridge, Mass. Reflecting image-forming optical system for instruments. 2,571,743, Oct. 16.
Meyer, Edmond G., Riverdale, Md. Removal of silica from alkaline carbonate brines. 2,550,708, May 1.
Meyer, Edward J., Normandy, Mo., assignor to Curtiss-Wright Corporation. Ammunition feed and control system. 2,541,530, Feb. 13.
Meyer, Edward J., Normandy, Mo., assignor to Curtiss-Wright Corporation. Aircraft armament assembly. 2,559,727, July 10.
Meyer, Edwin W.: *See*—
Julian, Percy L., Meyer, Cole, and Magnani.
Julian, Percy L., Meyer, and Printy.
Julian, Percy L., Printy, and Meyer.
Meyer, Ernst P.: *See*—
Ferguson, Duncan, MacDougall, and Meyer.
Meyer, Frank A.: *See*—
Reese, Homer R., Meyer, and Hill.
Meyer, Fred J., and G. K. Hammond, assignors to Owens-Corning Fiberglas Corporation, Toledo, Ohio. Producing a fabric construction for reinforcing plastics and product. 2,577,205, Dec. 4.
Meyer, Friedrich, assignor to Felsa A.-G., Grenchen, Switzerland. Watch movement center second hand drive. 2,574,343, Nov. 6.
Meyer, Geo. J., Manufacturing Company, assignee: *See*—
Carter, Sidney T.
Meyer, George L. N.
Meyer, George T., and Dreher.
Meyer, George L. N., Milwaukee, assignor to Geo. J. Meyer Manufacturing Company, Cudahy, Wis. Brush spindle. 2,566,621, Sept. 4.
Meyer, George T., and O. Dreher, Milwaukee, assignors to Geo. J. Meyer Manufacturing Co., Cudahy, Wis. Rotary brush. 2,575,635, Nov. 20.
Meyer, Jack, New York, N. Y. Machine for attaching plastic heads to pins. 2,551,960, May 8.
Meyer, John C., Vicksburg, Miss., assignor to R. G. Le Tourneau, Inc., Stockton, Calif. Double lever press. 2,557,554, June 19.
Meyer, Joseph, Rugby, N. Dak. Clothespin. 2,536,202, Jan. 2.
Meyer, Joseph, Rugby, N. Dak. Locking license plate holder. 2,564,986, Aug. 21.
Meyer, Joseph J., assignor to G-H Specialty Company, Milwaukee, Wis. Screen with removable panel. 2,573,156, Oct. 30.
Meyer, Leonard S.: *See*—
Howald, Arthur M., and Meyer.
Meyer, Leonard S., Newark, assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Production of urea-formaldehyde hardened foam. 2,559,891, July 10.
Meyer, Leonard S., and E. K. Ritterhoff, Newark, Ohio. Method and apparatus for corrugating sheet material and forming laminated cellular units thereof. 2,547,880, Apr. 3.
Meyer, Lester W. A.: *See*—
Gearhart, William M., and Meyer.
Meyer, Lester W. A., and W. M. Gearhart, Kingsport, Tenn., assignors to Eastman Kodak Company, Rochester, N. Y. Cellulose organic acid ester plastics containing paramethoxyphenyl para-anisate. 2,544,891, Mar. 13.
Meyer, Lilly, Jackson Heights, N. Y. Girdle. 2,537,781, Jan. 9.
Meyer, Max, assignor to Meyer Metallurgical Corporation, New York, N. Y. Refining lead and its alloys. 2,543,041, Feb. 27.
Meyer, Maximilian C., Brooklyn, N. Y. Close fitting jewelry article. 2,554,629, May 29.

Meyer, Maximilian C., and S. Wechsler, Brooklyn, N. Y.; said Wechsler, assignor to said Meyer. Bead machine. 2,562,932, Aug. 7.
Meyer Metallurgical Corporation, assignee: *See*—
Meyer, Max.
Meyer, Robert J., South Bend, Ind., assignor to United States Rubber Company, New York, N. Y. Manufacture of foam rubber sponge articles. 2,568,457, Sept. 18.
Meyer, Robert N., Chicago, Ill. Coding device. 2,559,455, July 3.
Meyer, Rudolf H. M., and J. Dijkstra, Amsterdam, Netherlands, assignors to Shell Development Company, San Francisco, Calif. Coagulation of colloidal dispersions. 2,563,055, Aug. 7.
Meyer, Sven F. E., Stockholm, Sweden. Impulse current relay. 2,545,669, Mar. 20.
Meyer, Vernon H., Beverly, and D. M. Ferguson, Marblehead, Mass., assignors to United Shoe Machinery Corporation, Flemington, N. J. Bladed roll for working hides. 2,570,470, Oct. 9.
Meyer & Wenthe, Inc., assignee: *See*—
Priesmeyer, Charles.
Meyer, William H., St. Louis, Mo., assignor to General Steel Castings Corporation, Granite City, Ill. Railway truck. 2,559,456, July 3.
Meyer, Walter R., assignor to The R. K. Le Blond Machine Tool Co., Cincinnati, Ohio. Crankshaft chuck. 2,570,964, Oct. 9.
Meyer, Walter R., Hamden, assignor to Enthone, Inc., New Haven, Conn. Composition for and process of removing metallic coatings. 2,561,065, July 17.
Meyer, Wolfgang E., New York, N. Y., assignor to American Bosch Corporation, Springfield, Mass. Fuel injection pump. 2,544,561, Mar. 6.
Meyercord Co., The, assignee: *See*—
Grupp, Alfred F., Rathke, Talan, and Watts.
Klopfenstein, Jess D.
Rathke, Harry C.
Meyerhoefer, Carl E., assignor to Lewyt Corporation, Brooklyn, N. Y. Vacuum cleaner attachment. 2,555,199, May 29.
Meyerhoefer, Carl S., assignor to Lewyt Corporation, Brooklyn, N. Y. Spraying device. 2,560,730, July 17.
Meyerhofer G. m. b. H., assignee: *See*—
Jenny, Rudolf.
Meyerhoff, Albert J., Union, and J. H. Sulzer, Union Beach, N. J., assignors to Western Electric Company, Incorporated, New York, N. Y. Device for testing cables. 2,568,161, Sept. 18.
Meyerhoff, Lester B., assignee: *See*—
McPherson, John B.
Meyerhoff, Lester B., assignor of one-half to N. R. Meyerhoff, Elkins Park, Pa. Garment hanger. 2,562,566, July 31.
Meyerhoff, Natalie R., assignee: *See*—
McPherson, John B.
Meyerhoff, Lester B.
Meyers, Charles O., Bartlesville, Okla., assignor to Phillips Petroleum Company. Pulsation chamber. 2,561,528, July 24.
Meyers, Charles O., Bartlesville, Okla., assignor to Phillips Petroleum Company. Variable automatic clearance pocket. 2,570,965, Oct. 9.
Meyers, Cornelius W., assignor to Powder-Power Tool Corp., Portland, Oreg. Securing a fastening element in concrete. 2,576,473, Nov. 27.
Meyers, Donald N., Philadelphia, assignor, by mesne assignments, to Piasecki Helicopter Corporation, Morton, Pa. Sustaining rotor blade. 2,574,651, Nov. 13.
Meyers, Donald N., Philadelphia, assignor, by mesne assignments, to Piasecki Helicopter Corporation, Morton, Pa. Rotary wing blade. 2,574,980, Nov. 13.
Meyers, George C.: *See*—
Logmann, Arthur A., and Meyers.
Meyers, George L.: *See*—
Felix, Otto, Meyers, and Boisselier.
Meyers, George L., assignor, by mesne assignments, to The Ohio Rubber Company, Willoughby, Ohio. Pillow block. 2,580,119, Dec. 25.
Meyers, George L., and J. E. Schriner, assignors, by mesne assignments to The Ohio Rubber Company, Willoughby, Ohio. Resilient mounting. 2,557,610, June 19.
Meyers, Harry C., Schenectady, N. Y. assignor to General Electric Company. Pointer name plate for control knobs. 2,537,782, Jan. 9.
Meyers, Joe W., Wetumka, Okla. Illuminated mirror with pivoted lens and reflector assembly. 2,536,203, Jan. 2.
Meyers, W. F., Company, Incorporated, assignee: *See*—
Sneva, Ingolf.
Meyers, Walter F., Maywood, Ill. Musical instrument. 2,567,888, Sept. 11.
Meyers, Willard F.: *See*—
Gallo, Elia A., and Meyers.
Meystre, Charles: *See*—
Wettstein, Albert, and Meystre.
Meystre, Charles, Basel, P. A. Plattner, Zurich, and A. Wettstein, Basel, Switzerland, assignors to Ciba Pharmaceutical Products, Inc., Summit, N. J. Compounds with conjugated double bonds, their oxidation products, and preparing same. 2,566,352, Sept. 4.
Meylich, Milton J., West Orange, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Pneumatic counterweight. 2,571,049, Oct. 9.
Meze, Frank R.: *See*—
Behman, Gerald A., and Meze.
Mezz, David, New York, N. Y. Ear protector. 2,573,923, Nov. 6.
Mialhe, Marcel, Vabre, France. Multiple lathe. 2,559,025, July 3.
Miami Industries Inc., assignee: *See*—
Hamann, Floyd R., Miller, Barrie, Gutman, and Kern.
Miller, John W.
Micafil A.-G., assignee: *See*—
Liechti, Albert.
Wirth, Otto.
Micamold Radio Corporation, assignee: *See*—
Di Giacomo, Aniello.
Micek, Richard, Walsenburg, Colo. Flashlight holder. 2,563,410, Aug. 7.
Micha, Louis, Monaco, Monaco. Telephone switchboard. 2,559,561, July 3.
Michael, Frank L., Dalton, Mass., assignor to General Electric Company. Vitreous material and making. 2,566,902, Sept. 4.
Michael, Harold E., Glendale, assignor to Northrop Aircraft, Inc., Hawthorne, Calif. Attaching wing tip fuel tanks to airplanes. 2,547,226, Apr. 3.
Michael, Harold E., Glendale, assignor to Northrop Aircraft, Inc., Hawthorne, Calif. Panel hinge. 2,549,110, Apr. 17.
Michael, Malden W., Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Quaternarizing anion active resins. 2,543,666, Feb. 27.
Michael, Marshall T., Perry, Kans. Adjustable oarlock. 2,550,368, Apr. 24.
Michael, Pierre L., and K. L. Robison, Houston, Tex. Display panel construction. 2,557,387, June 19.
Michael, Pierre L., and K. L. Robison, Houston, Tex. Clamp for sectional signs. 2,570,365, Oct. 9.
Michael, Theodore, Los Angeles, Calif. Combination vise and drill guide for watchmakers. 2,576,801, Nov. 27.
Michael, Vesta F., assignor to Stanolind Oil and Gas Company, Tulsa, Okla. Recovering aldehydes and ketones. 2,544,562, Mar. 6.
Michael, Vesta F., assignor to Stanolind Oil and Gas Company, Tulsa, Okla. Separation of aldehydes and ketones from mixtures thereof. 2,555,553, June 5.
Michaelis, Gustave, assignee: *See*—
Sterner, Bernard.
Michaelis, Harold A., Elmhurst, and H. F. Swanson, Chicago, Ill., assignors to Hotpoint Inc. Sectional counter kitchen. 2,576,409, Nov. 27.
Michaelis, Hella, administratrix: *See*—
Jennen, Jacob J., and Michaelis.
Michaelis, Karl, New York, N. Y. Wood bending machinery. 2,551,383, May 1.
Michaelis, Karl, Paris, France. Chair. 2,544,800, Mar. 13.
Michaelis, Walter: *See*—
Jennen, Jacob J., and Michaelis.
Michaels Art Bronze Company, The, assignee: *See*—
Michaels, Frank L.
Michaels, Ernest E., Birmingham, Ala., assignor to Chicago Bridge & Iron Company. Floating roof drain. 2,560,586, July 17.
Michaels, Frank L., Fort Thomas, assignor to The Michaels Art Bronze Company, Covington, Ky. Parking meter mechanism. 2,563,182, Aug. 7.
Michaels, Fred, North Bend, Oreg. Tire pump. 2,558,369, June 26.
Michaelsen, Harry P., Taft, Calif. Remotely controlled Venetian blind for auto rear windows. 2,565,979, Aug. 28.
Michaelsen, Otto D.: *See*—
Carlson, Martin, and Michaelsen.
Michalko, Benjamin: *See*—
Feild, Theophilus A., Jr., and Michalko.
Michalsen, George C.: *See*—
Bauerlein, Carl C., and Michalsen.
Michaud, Clarence L.: *See*—
Lindenfelser, Richard, and Michaud.
Michel, Benjamin F., Spokane, Wash. Cigarette crusher and container. 2,575,557, Nov. 20.
Michel, Bernard, Paris, France, assignor to Compagnie Generale de Telegraphie Sans Fil. Hardening steel parts by high-frequency energy. 2,564,021, Aug. 14.
Michel, Daniel, Chicago, Ill. Dispensing container for fluid under pressure with separable dispensing unit. 2,562,111, July 24.
Michel, Josef M., and K. F. Hager, Fort Bliss, Tex., assignors to the United States of America as represented by the Secretary of the Army. Protecting metals against corrosion. 2,578,725, Dec. 18.
Michel, Mathias, assignor to Aluminum Company of America, Pittsburgh, Pa. Tension control system. 2,544,467, Mar. 6.
Micheli, Joseph U., Rosemead, Calif. Adjustable bench stop. 2,570,050, Oct. 9.
Michellet, Henri: *See*—
Chatelet, Henri J. G., and Michellet.
Michelman, Nathan, Brooklyn, N. Y. Marine light unit. 2,558,870, July 3.
Michelman, Nathan, Brooklyn, N. Y. Fire door. 2,564,208, Aug. 14.
Michelman, Nathan, New York, N. Y. Door construction. 2,552,992, May 15.
Michelsen, William O.: *See*—
Veltman, John C., and Michelsen.

Michelsen, William O., Poughkeepsie, assignor to The De Laval Separator Company, New York, N. Y. Bearing assembly for centrifuges and the like. 2,551,621, May 8.
Michener, Harold D., N. Snell, and E. F. Jansen, Berkeley, Calif., assignors to the United States of America as represented by the Secretary of Agriculture. Isolating lupulon from hop resin. 2,562,934, Aug. 7.
Michetti, Louis C., assignor to Noble Andre, doing business as Andre Paper Box Company, San Francisco, Calif. Foldable box. 2,554,677, May 29.
Michie, John S., and P. B. Reeves, assignors to Reeves Pulley Company, Columbus, Ind. Variable-speed drive control for spinning frames. 2,571,920, Oct. 30.
Michigan Bookbinding Company, assignee: *See*— TurnBull, George W.
Michigan Bumper Corporation, assignee: *See*— Housdorfer, Carl R., and Miller.
Michigan Chemical Company, assignee: *See*— Johnson, Carl E., and Wagner.
Michigan Steel Tube Products Company, assignee: *See*— Jones, Clevoe D.
Michigan Tool Company, assignee: *See*— Drader, Joseph C.
Michigan Wire Goods Company, assignee: *See*— Smith, Mahlon J.
Michon, Alfred E.: *See*— Boughtwood, John E., and Michon.
Mickalek, Arthur A., Clear Lake, Iowa. Hog watering trough. 2,545,967, Mar. 20.
Mickam, Kenneth F., Grand Rapids, Mich. Rug and linoleum transfer car. 2,536,561, Jan. 2.
Mickelson, Alfred O., Elmhurst, assignor to Pipe Line Service Corporation, Franklin Park, Ill. Pipe handling gear. 2,550,159, Apr. 24.
Mickelson, Theodore B., assignee: *See*— Gadd, Edward T.
Mickley, Robert, assignee: *See*— Morrison, Gurnie E.
Micro Equipment Corporation, assignee: *See*— Zeller, Wilbur U.
Micro Recording Company, assignee: *See*— Lee, Robert H.
Microcyclomat Co., The, assignee: *See*— Lykken, Henry G. and W. H.
Micronizer Company, The, assignee: *See*— Trost, Conrad.
Microrex, assignee: *See*— Rosaz, François M.
Mid-Continent Supply Company, Inc., assignee: *See*— Cone, Truett M.
Donner, Verne P.
Middaugh, Dennis A., Jersey City, N. J., and W. M. Schichtell, Putnam Lake, N. Y. Spherical grinding apparatus. 2,558,771, July 3.
Middlestadt, William F., Baltimore, assignor to The James Gibbons Company, Relay, Md. Apparatus for dispensing fluent material. 2,578,080, Dec. 11.
Middleton, Carl W.: *See*— Middleton, Earl F. and C. W.
Middleton, Donald R., assignee: *See*— Bixby, William H.
Middleton, Earl F., New Rochelle, and C. W. Middleton, Larchmont, N. Y. Holding ring. 2,551,384, May 1.
Middleton, Earl F., New Rochelle, and C. W. Middleton, Larchmont, N. Y. Apparatus for reforming thermoplastic sheets. 2,559,365, July 3.
Middleton, Frank: *See*— Gardner, John R., Landen, Middleton, and Paul.
Middleton, Herbert H., Wynnewood, assignor to John Middleton, Inc., Philadelphia, Pa. Tobacco pipe combination tool 2,536,852, Jan. 2.
Middleton, John, Inc., assignee: *See*— Middleton, Herbert H.
Midgley, Albert H., Northwood, England. Dynamoelectric machine. 2,566,238, Aug. 28.
Midland Co., The, assignee: *See*— Hunn, Arleigh G.
Midland, Thor, Brooklyn, N. Y. Combined fishline sinker and hook spreader. 2,577,143, Dec. 4.
Midling, Kenneth R., Long Beach, assignor to Plomb Tool Company, Los Angeles, Calif. Electroplating rack. 2,541,597, Feb. 13.
Midlock, Bernard J.: *See*— Wilcox, Harry A., and Midlock.
Midouhas, Stephen P., Bristol, Pa. Combined container and toy. 2,571,744, Oct. 16.
Midvale Company, The, assignee: *See*— Foley, Francis B.
Mid-West Bottle Cap Co., assignee: *See*— Sonnenberg, Rudolph.
Midwest Co., The, assignee: *See*— Greedy, Edwin F., and Schaaf.
Mid-West Forge Company, The, assignee: *See*— Ruden, Arthur C.
Midwest Rubber Reclaiming Company, assignee: *See*— Randall, Robert L.
Midwest Tool & Manufacturing Company, assignee: *See*— Parker, Emmett E.
Miehle Printing Press & Manufacturing Company, assignee: *See*— Hallander, Elvin E.
James, Harry T.
Peyrebrune, Henri E.
Sites, Benjamin L.
Miehle, Robert F., Jr., assignor to Bell & Howell Company, Chicago, Ill. Strip tensioning device. 2,573,267, Oct. 30
Mielziner, Willard S., assignee: *See*— Holmberg, Carl E., and Mungall.
Mierzwa, Joseph P., assignor to A. J. Gerrard & Company, Chicago, Ill. Strap anchor plate. 2,548,993, Apr. 17.
Mierzejewski, Konstanty W. and P. I., Pottstown, Pa. Scalp massaging apparatus. 2,575,066, Nov. 13.
Mierzejewski, Peggy I.: *See*— Mierzejewski, Konstanty W. and P. I.
Miescher, Karl: *See*— Kaegi, Hans, and Miescher.
Miescher, Karl, and J. Heer, Basel, Switzerland, assignors to Ciba Pharmaceutical Products, Inc., Summit, N. J. 2 - methyl - 2 - carboxy - 7 - methoxy - hydrophenanthrene-(1)-alkanals. 2,542,936, Feb. 20.
Miescher, Karl, Riehen, and P. Wieland, Basel, Switzerland, assignors to Ciba Pharmaceutical Products, Inc., Summit, N. J. β-naphthyl-(2)-α:α-dialkyl-β-alkyl propionaldehydes and corresponding propanols. 2,542,937, Feb. 20.
Miescher, Karl, Riehen, and H. Kaegl, Basel, Switzerland, assignors to Ciba Pharmaceutical Products, Inc., Summit, N. J. 4-aryl-piperidyl-(4)-ketones. 2,551,152, May 1.
Miescher, Karl, Riehen, and J.-R. Billeter, Basel, Switzerland, assignors to Ciba Pharmaceutical Products, Inc., Summit, N. J. Ketodimethylperhydrophenanthrenecarboxylic acid nitriles. 2,552,993, May 15.
Miescher, Karl, Riehen, and J. Heer, Basel, Switzerland, assignors to Ciba Pharmaceutical Products, Inc., Summit, N. J. Preparation of 7-hydroxy-1:2-dialkyl-rydrophenanthrene-2-carboxylic acids. 2,570,582, Oct. 9.
Mighton, Charles J., assignor to E. I. du Point de Nemours & Company, Wilmington, Del. Laminated products and adhesive compositions of matter. 2,561,215, July 17.
Mighty Midget Manufacturing Co., The, assignee: *See*— Huffman, Kermit D., and Sigafoos.
Miglarese, John, Cincinnati, Ohio, assignor to The United States Leather Company, New York, N. Y. Manufacture of syntans from vanillin and leather tanned therewith. 2,564,022, Aug. 14.
Mignocchi, Louis: *See*— Mignocchi, Serge, and Louis.
Mignocchi, Serge and L., New York, assignors to Serge Elevator Co., Inc., Bronx, N. Y. Selector mechanism floor unit. 2,558,622, June 26.
Mihal, Dan J.: *See*— Nordenson, Willard H., and Mihal.
Mihalic, Michael P., Detroit, Mich. Valve spring compressing tool. 2,566,460, Sept. 4.
Mihalyi, Frank, St. Louis, Mo. Air gun automatic safety device. 2,572,176, Oct. 23.
Mihalyi, Joseph, assignor to Eastman Kodak Company, Rochester, N. Y. Speed adjusting mechanism for disk type camera shutters. 2,537,905, Jan. 9.
Mihalyi, Joseph, assignor to Eastman Kodak Company, Rochester, N. Y. Light-tight film cartridge. 2,541,476, Feb. 13.
Mihalyi, Joseph, assignor to Eastman Kodak Company, Rochester, N. Y. Roll holding camera with movable spool section. 2,548,549, Apr. 10.
Mihalyi, Joseph, assignor to Eastman Kodak Company, Rochester, N. Y. Light-tight photographic film cartridge. 2,552,200, May 8.
Mihalyi, Joseph, assignor to Eastman Kodak Company, Rochester, N. Y. Photoelectric exposure meter. 2,556,431, June 12.
Mihalyi, Joseph, assignor to Eastman Kodak Company, Rochester, N. Y. Roll film camera utilizing spring closed film retorts. 2,575,024, Nov. 13.
Mihalyi, Joseph, C. W. Pribus, and H. A. Bing, assignors to Eastman Kodak Company, Rochester, N. Y. Film winding control for cameras. 2,559,892, July 10.
Mihalyi, Joseph, assignor to Eastman Kodak Company, Rochester, N. Y. Light lock for roll-film spools. 2,575,025, Nov. 13.
Mihalyi, Richard F., Rochester, N. Y. Vestibule diaphragm. 2,568,684, Sept. 18.
Mihm, Arnold: *See*— Le Febvre, Warren C., and Mihm.
Mikeska, Louis A.: *See*— Arundale, Erving, and Mikeska.
Kittleson, Allen R., and Mikeska.
Lippincott, Samuel B., and Mikeska.
Mikeska, Louis A., Westfield, N. J., assignor to Standard Oil Development Company. Wax phenol ester of substituted succinic acid and wax mineral oil compositions containing same. 2,562,808, July 31.
Mikeska, Louis A., Westfield, N. J., assignor to Standard Oil Development Company. Mineral oil containing resinified esters of salicylic acid. 2,580,038, Dec. 25.
Mikeska, Louis A., and P. V. Smith, Jr., Westfield, N. J., assignors to Standard Oil Development Company. Mineral oil composition. 2,542,553, Feb. 20.
Mikeska, Louis A., Westfield, and D. W. Young, Roselle, N. J., assignors to Standard Oil Development Company. Oxidized - polypropylene and its use as plasticizer. 2,554,259, May 22.
Mikeska, Louis A., and P. V. Smith, Jr., Westfield, N. J., assignors to Standard Oil Development Company. Synthetic lubricants. 2,559,510, July 3.

Mikhalapov, George, Far Hills, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Method and apparatus for welding with gas shields having laminar flow. 2,544,711, Mar. 13.
Mikina, Stanley J.: *See*—
Hanna, Clinton R., and Mikina.
Mikina, Stanley J., Wilkinsburg, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Fruit juice extractor having cyclically varying velocity. 2,552,572, May 15.
Miklic, Louis, Birmingham, Ala. Spring bending machine. 2,575,827, Nov. 20.
Miksis, Richard J., Chicago, Ill. Adapter for fuel can spout for accommodation of nozzles of different diameters. 2,556,627, June 12.
Mikulak, John, Nescopeck, J. A. Sober, Bloomsburg, and E. B. Sult, Berwick, Pa., assignors to American Car and Foundry Company, New York, N. Y. Welded journal box. 2,550,284, Apr. 24.
Mikulas, William, West Brighton, N. Y., assignor to Conmar Products Corporation, Newark, N. J. Friction lock slider for slide fasteners. 2,539,520, Jan. 30.
Milas, Nicholas A., Belmont, Mass., assignor to Research Corporation, New York, N. Y. Synthesis of vitamin A. 2,567,572, Sept. 11.
Milas, Nicholas A., Belmont, Mass., assignor to Research Corporation, New York, N. Y. Alkyl peresters. 2,567,615, Sept. 11.
Milas, Nicholas A., Belmont, Mass., assignor to Research Corporation, New York, N. Y. Production of vitamin-A ethers and esters. 2,577,538, Dec. 4.
Milborn, Edward A., Baldwin, N. Y. Radiant panel heating for buildings. 2,548,036, Apr. 10.
Milbourn, Lester J., St. Joseph, Mo. Amusement device. 2,564,542, Aug. 14.
Milbourne, Charles G., assignor to Surface Combustion Corporation, Toledo, Ohio. Making fuel gas from natural gasoline and straight run gasoline. 2,568,351, Sept. 18.
Milbrandt, Wallace C., Milwaukee, Wis. Display cover device. 2,549,917, Apr. 24.
Milburn, Vernon S., assignor to McKinney Manufacturing Company, Pittsburgh, Pa. Sliding door latch. 2,540,686, Feb. 6.
Milde, Roy L.: *See*—
Kohr, Donald A., Jr., and Milde.
Mildrum, W. W., Jewel Co., Incorporated, The, assignee: *See*—
Benson, Arthur R.
Miles, Charles G., Phillipsburg, Kans. Collapsible high chair. 2,562,629, July 31.
Miles, Edward E.: *See*—
Jenkins, Henry G., and Miles.
Miles, Edward E., Wembley, England, assignor to General Electric Company. Electric discharge lamp. 2,542,345, Feb. 20.
Miles, George H., Hillside, New Barnet, England. Optical projection apparatus. 2,579,177, Dec. 18.
Miles, John, and Partners (London) Limited, assignees: *See*—
Robiette, Alfred G. E.
Miles, John C., assignor to Board of Trustees, University of Illinois, Urbana, Ill. Coal coking and burning magazine stove. 2,564,713, Aug. 21.
Miles, John R., Des Plaines, assignor to Chicago Aerial Survey Company, Chicago, Ill. Optical system for objectives and eyepieces. 2,547,958, Apr. 10.
Miles, John R., Maine Township, Cook County, assignor to La Croix Optical Company, Chicago, Ill. Optical system for variable power Galilean telescopes. 2,578,574, Dec. 11.
Miles Laboratories, Inc., assignee: *See*—
Crandall, Lathan A., Jr., and Ungnade.
Fancher, Otis E.
Nicholls, Richard S., and Fonner.
Olin, Stephen M., and Fancher.
Miles Park Machine & Tool, Inc., assignee: *See*—
King, John W., and McNamee.
Miles, William S., Hastings on Hudson, assignor to Johns-Manville Corporation, New York, N. Y. Panel securing device. 2,563,479, Aug. 7.
Miley, Albert M., Glenside, and J. E. White, Philadelphia, Pa., assignors to The Electric Storage Battery Company. Vent plug. 2,548,995, Apr. 17.
Miley, John C.: *See*—
Miley, Martin A. and J. C.
Miley, Martin A., Manitowoc, and J. C. Miley, Sheboygan, Wis. Adjustable contour crutch. 2,552,902, May 15
Milford Rivet and Machine Company, assignee: *See*—
Merwin, Frederick H.
Milford Shoe Co., assignee: *See*—
Sherbrook, Victor A.
Milhan, Lewis D., assignor to F. L. Jacobs Co., Detroit, Mich. Linkage system for foldable vehicle tops. 2,540,454, Feb. 6.
Milhan, Lewis D., assignor to F. L. Jacobs Co., Detroit, Mich. Header locking mechanism. 2,570,261, Oct. 9.
Milhan, Lewis D., assignor to F. L. Jacobs Co., Detroit, Mich. Latch assembly for convertible automobile tops. 2,570,260, Oct. 9.
Milhouse, Larew J., assignor to The C. A. Olsen Manufacturing Company, Elyria, Ohio. Furnace cabinet means with combustion air feeding door structure. 2,546,674, Mar. 27.
Milik Conveyors Limited, assignee: *See*—
Milik, Rudolf.
Milik, Rudolf, assignor to Milik Conveyors Limited, London, England. Angle station for belt conveyers. 2,561,708, July 24.
Milik, Rudolf, assignor to Milik Conveyors Limited, London, England. Loading appliance. 2,574,187, Nov. 6.
Militano, Vincent, Hicksville, assignor to Finkel Umbrella Frame Company, Inc., New York, N. Y. Combined clamp and adjustable rod holder. 2,556,206, June 12.
Militello, Angelina M., Brooklyn, N. Y. Rocking device for cribs. 2,543,043, Feb. 27.
Milk Plant Specialties Corporation, assignee: *See*—
Lehmkuhl, Henry W.
Mill River Tool Company, assignee: *See*—
Bausman, Alonzo L.
Millan, Edward N., assignor to Armco Steel Corporation, Middletown, Ohio. Steel melting plant. 2,551,278, May 1.
Millar, John H., Little Compton, R. I. Flexible hose coupling. 2,550,583, Apr. 24.
Millar, Norval P., Danvers, Mass., assignor to General Electric Company. Hall effect frequency meter. 2,545,369, Mar. 13.
Millar, Norval P., Danvers, Mass., assignor to General Electric Company. Hall effect alternating current measuring apparatus. 2,550,492, Apr. 24.
Millar, Norval P., Danvers, Mass., assignor to General Electric Company. Expanded scale voltmeter. 2,578,441, Dec. 11.
Millar, Norval P., Danvers, Mass., and R. A. Warner, Schenectady, N. Y., assignors to General Electric Company. Phase comparator utilizing hall effect. 2,543,640, Feb. 27.
Millard, Robert K., Ingomar, Pa. Coke-oven buckstay structure. 2,571,597, Oct. 16.
Millendorf, Alfred J.: *See*—
Beck, Roland A., and Millendorf.
Naragon, Ernest A., Millendorf, and Vergilio.
Millendorf, Alfred J., Beacon, E. A. Naragon, Glenham, and J. H. Vergilio, Beacon, assignors to The Texas Company, New York, N. Y. Combination synthesis of hydrocarbons and organic carbonyl compounds. 2,549,111, Apr. 17.
Miller, Abe, Detroit, Mich. Drying laundry. 2,575,672, Nov. 20.
Miller, Adolf, executor: *See*—
Miller, Jacob, Sr.
Miller, Albert A.: *See*—
Wilson, Andrew G., and Miller.
Miller, Albert W., Jamaica, N. Y. Coupling. 2,544,712, Mar. 13.
Miller, Albert W., Jamaica, N. Y. Coupling. 2,554,585, May 29.
Miller, Alexander A.: *See*—
Dixon, James K., and Miller.
Miller, Alexander A., Madison, Wis., assignor to American Cyanamid Company, New York, N. Y. Dichloropyrazines and preparing same. 2,573,268, Oct. 30.
Miller, Alfred L., Summit, N. J., and B. H. Kress, Toledo, Ohio, assignors to Celanese Corporation of America, New York, N. Y. Production of bifunctional carbonyl compounds from 1,4-dichlorobutane. 2,572,943, Oct. 30.
Miller, Alvin J., and J. L. Groebe, Bartlesville, Okla., assignors to Phillips Petroleum Company. Method and apparatus for controlling British thermal unit value. 2,563,543, Aug. 7.
Miller, Anne, administratrix: *See*—
Miller, George D.
Miller, Anthony J.: *See*—
Roth, Lawrence J., and Miller.
Miller, Archie C., Ramsey, Ill. Emergency brake operated switch. 2,572,742, Oct. 23.
Miller, Arthur, Watertown, assignor to Sanborn Company, Cambridge, Mass. Interference reducing circuit. 2,540,954, Feb. 6.
Miller, Arthur, Watertown, assignor to Sanborn Company, Cambridge, Mass. Electromanometer. 2,558,190, June 26.
Miller, Arthur E., Kenmore, assignor to Scott Aviation Corporation, Lancaster, N. Y. Fluid valve. 2,574,054, Nov. 6.
Miller, Arthur J., Palisades Park, N. J. Apparatus for bringing films into register at exposure station when printing. 2,556,930, June 12.
Miller, Arthur J., Teaneck, N. J. Apparatus for stripping and printing motion-picture films with improved registration. 2,551,689, May 8.
Miller, Asa N.: *See*—
Dayger, Jonas E., and Miller.
Dayger, Jonas E., Shafer, and Miller.
Miller, Avy L., North Hollywood, and P. Woolley, South Pasadena, assignors to Mission Appliance Corporation, Los Angeles, Calif. Sheet metal gas burner with internal fuel distributor. 2,572,273, Oct. 23.
Miller, Avy L., North Hollywood, assignor to Mission Appliance Corporation, Los Angeles, Calif. Combination main and pilot valve. 2,572,274, Oct. 23.
Miller, Benjamin H., Newmarket, N. H., assignor to The Babcock & Wilcox Company, Rockleigh, N. J. Liquid cooled smelt discharge spout. 2,567,911, Sept. 11.
Miller, Bernard M., Sheffield, England. Apparatus for manufacturing cutlery. 2,552,103, May 8.

Miller, Bert and H. H., Brunswick, Ga. Tractor mounted brush saw. 2,577,906, Dec. 11.
Miller, Bert V., assignor to Layne & Bowler, Incorporated, Memphis, Tenn. Machine tool for milling tubular work-pieces. 2,551,331, May 1.
Miller, Bertrand J., Oak Park, and G. V. Morris, Melrose Park, Ill., assignors to Zenith Radio Corporation. Subscriber signaling system. 2,573,349, Oct. 30.
Miller, Beulah F., administratrix: *See*—
Miller, Beulah F., and Owen.
Miller, Beulah F., and B. S. Owen, deceased, Cleveland, Ohio; B. F. Miller administratrix of said B. S. Owen. Artificial flower article. 2,566,950, Sept. 4.
Miller, Bruce D., assignor to The Girdler Corporation, Louisville, Ky. Method and apparatus for removing gaseous and readily vaporizable materials from liquids. 2,559,129, July 3.
Miller, Calvin D.: *See*—
Ickes, Gilbert P., and Miller.
Miller, Carl F., Summit, assignor to National Union Radio Corporation, Orange, N. J. Electron multiplier tube. 2,537,150, Jan. 9.
Miller, Catherine F., administratrix: *See*—
Miller, Charles J.
Miller, Cecil, Pomona, and R. Mangold, Fullerton, Calif; said Mangold assignor to said Miller. Bag sealer. 2,536,455, Jan. 2.
Miller, Chant A., Winamac, and S. L. Border, Monon, Ind. Dental tool sharpening device. 2,578,081, Dec. 11.
Miller, Charles E., Indianapolis, Ind., assignor to Radio Corporation of America. Radio receiver sequence tuner. 2,571,598, Oct. 16.
Miller, Charles F., Boothwyn, Pa., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Printing vat dyes on polyacrylonitrile fabrics using potassium thiocyanate. 2,544,892, Mar. 13.
Miller, Charles H., Chicago, Ill. Filter. 2,536,690, Jan. 2.
Miller, Charles H., Halifax, Nova Scotia, Canada. Gas turbine and cycle. 2,557,131, June 19.
Miller, Charles J., deceased, Buffalo, N. Y.; C. F. Miller, administratrix. Apparatus for drying and powdering surgeons' rubber gloves. 2,565,455, Aug. 21.
Miller, Charles R., Tujunga, Calif. Automatic oiler for slat conveyers. 2,558,370, June 26.
Miller, Charles W., Urbana, Ohio. Release cam. 2,554,916, May 29.
Miller, Chester M., assignee: *See*—
Burgess, Marion I.
Miller, Christian, assignor to Edwards and Company, Inc., Norwalk, Conn. Plug and receptacle construction. Re. 23,407, Sept. 4.
Miller, Christian, assignor to Edwards and Company, Inc., Norwalk, Conn. Audible electric signaling apparatus. 2,573,924, Nov. 6.
Miller, Clarence H., Menlo Park, Calif. Adjustable stop for power tools. 2,574,653, Nov. 13.
Miller, Clarence W., Eland, assignor to D. J. Murray Manufacturing Co., Wausau, Wis. Variable diameter winder shaft. 2,558,689, June 26.
Miller, Clyde P., Houston, Tex. Watchcase opener. 2,558,479, June 26.
Miller, Coleman J.: *See*—
Ley, Gordon S., Miller, and Nims.
Miller Company, The, assignee: *See*—
De Lancey, Ralph W.
Naysmith, Shirley R.
Runge, Richard M.
Miller, Cornell M., Philadelphia, Pa. Sleeping bag. 2,579,948, Dec. 25.
Miller, Daniel R.: *See*—
Down, James W., and Miller.
Miller, Dariel E., assignor to Kelite Products, Inc., Los Angeles, Calif. Making a tri-sodium phosphate hypochlorite product. 2,536,456, Jan. 2.
Miller, Dariel E., East Los Angeles, assignor to Kelite Products, Inc., Los Angeles, Calif. Composition and process for protecting ferrous metals from rusting in moist air. 2,557,509, June 19.
Miller, Donald L., Elmira, assignor to Bendix Aviation Corporation, Elmira Heights, N. Y. Engine starter gearing. 2,546,948, Mar. 27.
Miller, Donald L., Elmira, assignor to Bendix Aviation Corporation, Elmira Heights, N. Y. Engine starter gearing. 2,554,445, May 22.
Miller, Donald S., Westfield, N. J., assignor to United States Steel Company. Automatically recording torque magnetometer. 2,574,795, Nov. 13.
Miller, Durando, Jr., Pelham Manor, assignor to The Permutit Company, New York, N. Y. Filter tube. 2,562,730, July 31.
Millar, Dwight L., Houston, Tex. Material handling system. 2,542,203, Feb. 20.
Miller, Earle C., assignor to Riley Stoker Corporation, Worcester, Mass. Plural endless grates, including clutch operating means. 2,538,117, Jan. 16.
Miller, Earle C., assignor to Riley Stoker Corporation, Worcester, Mass. Mechanical stoker. 2,538,944, Jan. 23.
Miller, Earle C., and A. C. Neilson, assignors to Riley Stoker Corporation, Worcester, Mass. Mechanism for transmitting motion. 2,548,994, Apr. 17.
Miller, Edward G., and R. E. Engberg, Clayton, assignors to Alco Valve Company, Maplewood, Mo. Three-way motor operated valve. 2,536,691, Jan. 2.
Miller, Edward M., assignor to The C. L. Gougler Machine Company, Kent, Ohio. Deadlocking latch. 2,549,983, Apr. 24.
Miller, Edward W., Fellows Gear Shaper Company, The, assignee: *See*—
Miller, Edward W.
Miller, Edward W., assignor to The Fellows Gear Shaper Company, Springfield, Vt. Machine for finish cutting the teeth of gears, gear shaving cutters, and the like. 2,549,324, Apr. 17.
Miller, Edward W., assignor to The Fellows Gear Shaper Company, Springfield, Vt. Diagonally traversing gear finishing machine. 2,561,706, July 24.
Miller, Edwin A., Fairfield, Conn. Switch blade. 2,568,652, Sept. 18.
Miller, Edwin A., Fairfield, Conn. Cantilever shiftable switch blade. 2,571,468, Oct. 16.
Miller, Edwin A., Fairfield, Conn. Mercury-to-mercury double contact switch. 2,572,505, Oct. 23.
Miller, Edwin A., Fairfield, Conn. Electric snap switch. 2,573,588, Oct. 30.
Miller, Edwin G.: *See*—
Housdorfer, Carl R., and Miller.
Miller Electric Company, assignee: *See*—
Goodwin, George R.
Miller, Elliot A., assignor to Odora Company, Inc., New York, N. Y. Storage container and packet for emitting noxious fumes therein. 2,545,160, Mar. 13.
Miller, Elmer: *See*—
Folkin, Hillis O., and Miller.
Folkins, Hillis O., Porter, Miller, and Hennig.
Miller, Elmer E., Millersburg, Pa. Trigger mechanism. 2,558,871, July 3.
Miller, Elmer E., Millersburg, Pa. Set trigger mechanism. 2,558,872, July 3.
Miller, Elmer L.: *See*—
Folkins, Hillis O., and Miller.
Miller, Emery: *See*—
Brown, Ely E., and Miller.
Ransburg, Harold P., Miller, and Curtis.
Miller, Emery P., Williams Creek, assignor, by mesne assignments, to Ransburg Electro-Coating Corp., Indianapolis, Ind. Electrostatic deposition of elastomer material. 2,551,035, May 1.
Miller, Emil A., Palmer, Mass. Grease gun coupling connector. 2,553,861, May 22.
Miller, Ernest B., Houston, Tex., assignor to Jefferson Lake Sulphur Company, New Orleans, La. Method of and apparatus for softening water. 2,556,480, June 12.
Miller, Ernest B., Houston, Tex., assignor to Jefferson Lake Sulphur Company, New Orleans, La. Desulphurization of gases. 2,561,990, July 24.
Miller, Ernest C. C., Laurelton, N. Y. Flight attachment. 2,559,026, July 3.
Miller, Ernest C. C., Laurelton, and J. P. Calamore, Kew Gardens, N. Y. Removable headshaft assembly for refuse vehicles. 2,565,437, Aug. 21.
Miller, Ernest C. C., Laurelton, N. Y. Loader for refuse collecting trucks. 2,573,269, Oct. 30.
Miller, Ernest C. C., Laurelton, N. Y. Loader for refuse collecting trucks. 2,573,270, Oct. 30.
Miller, Ernest F., Lansdowne, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Centrifugal fuel feeding system for annular combustion chambers. 2,547,959, Apr. 10.
Miller, Ernest F., Lansdowne, Pa., assignor, by mesne assignments, to the United States of America as represented by the Secretary of the Navy. Jet propulsion exhaust nozzle apparatus. 2,557,883, June 19.
Miller, Erwin E., Ravenna, Ohio. Swing. 2,545,295, Mar. 13.
Miller, Eugene F., assignor to Hanes Hosiery Mills Company, Winston-Salem, N. C. Yarn severing and clamping mechanism for knitting machines. 2,551,385, May 1.
Miller, Eugene H., Louisville, Ky. Solder spray gun. 2,541,775, Feb. 13.
Miller, Floyd F., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Stabilization of polyvinylidene cyanide solutions. 2,548,169, Apr. 10.
Miller, Francis B., assignor to The Commonwealth Engineering Company of Ohio, Dayton, Ohio. Alternating-current welder. 2,577,258, Dec. 4.
Miller, Frank A., St. Petersburg, Fla., assignor to H. J. Dion Company. Alloying compositions. 2,563,056, Aug. 7.
Miller, Frank A., Yakima, Wash. Valve control means. 2,567,440, Sept. 11.
Miller, Frank C., Worthington, Ohio, assignor, by mesne assignments, to The Jeffrey Manufacturing Company. Speed reducer lubricating means. 2,536,385, Jan. 2.
Miller, Frank G.: *See*—
Diamond, Horace W., and Miller.
Miller, Frank P., Chicago, Ill. Highway crossing signaling device. 2,569,111, Sept. 25.
Miller, Frank R., Denver, Colo. Tool for splicing wires. 2,549,838, Apr. 24.
Miller, Fred A., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Material handling device. 2,553,378, May 15.
Miller, Fred F., Jr.: *See*—
Verville, Lloyd J., and Miller.

Miller, Fred F., Jr., Berkley, assignor to The Gear Grinding Machine Company, Hamtramck, Mich. Differential gearing. 2,569,015, Sept. 25.

Miller, Fred J., and M. J. Graham, Dickinson, N. Dak. Tire rim remover with circumferentially distributed thrust. 2,546,900, Mar. 27.

Miller, Fred S., Pasadena, Calif., and C. Zola, Silver Spring, Md., assignors to Aerojet Engineering Corporation, Azusa, Calif. Igniter. 2,561,670, July 24.

Miller, Frederic H.: *See*—
Gilbert, Samuel, and Miller.

Miller, Frederick W., Jr., and R. D. Kralovec, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Bread staling. 2,564,124, Aug. 14.

Miller, George A., Edinburgh, Scotland. Loom shuttle. 2,536,653, Jan. 2.

Miller, George D., deceased, Geneseo, Ill.; A. Miller, administratrix of said G. D. Miller, assignor to K. E. Nielsen. Automatic guide push elevator truck loader. 2,536,763, Jan. 2.

Miller, George D., Providence, R. I. Collapsible cleat. 2,555,805, June 5.

Miller, George E., Sacramento, assignor to E. Clemens Horst Company, San Francisco, Calif. Sack tie. 2,579,689, Dec. 25.

Miller, George L., Hackensack, N. J. Segmented magnetic armature for phonograph pickups. 2,553,715, May 22.

Miller, George L., Canton, Ohio. Making hollow axles. 2,569,248, Sept. 25.

Miller, George N., Castalia, Ohio. Stoker. 2,563,688, Aug. 7.

Miller, George R., Greensburg, Pa. Manufacture of thin flat glass. 2,551,279, May 1.

Miller, George W., Zanesville, Ohio., assignor to McGraw Electric Company. Impregnating transformers. 2,561,446, July 24.

Miller, Gladys D., assignee: *See*—
Miller, Rudolph W.

Miller, Glen W., Covina, and E. L. Kells, Alhambra, Calif. Heat exchange surface construction and device embodying the same. 2,569,112, Sept. 25.

Miller, Glenn C., Portland, Oreg. Conveyer flight. 2,570,583, Oct. 9.

Miller, Glenn H.: *See*—
Goldberg, Harold, and Miller.
Krumhansl, James A., and Miller.
Rossi, Bruno, Sack, Beyer, and Miller.

Miller, Gordon B., Glendale, assignor to Gordon B. Miller & Company, Cincinnati, Ohio. Memo pad holder. 2,573,157, Oct. 30.

Miller, Gordon B., & Company, assignee: *See*—
Miller, Gordon B.

Miller, Guy O., Oak Park, Ill. Leg locking latch for ironing tables. 2,560,300, July 10.

Miller, H. B., Limited, assignee: *See*—
Miller, Peter S.

Miller, Harold, Bronx, and A. Kiedish, New York, N. Y. Shoe insole with moisture absorbing agent. 2,560,120, July 10.

Miller, Harold D.: *See*—
Eitel, William W., and Miller.

Miller, Harold D., assignor to Eitel-McCullough, Inc., San Bruno, Calif. Electron tube and grid for the same. 2,539,096, Jan. 23.

Miller, Harold E., assignor to The American Pad & Textile Co., Greenfield, Ohio. Sleeping bag. 2,555,051, May 29.

Miller, Harold J., Detroit, Mich. Movable shelf. 2,549,984, Apr. 24.

Miller-Harris Instrument Co., assignee: *See*—
Miller, Wayland R.

Miller, Harry: *See*—
Christensen, Leo M., Miller, and Champer.

Miller, Harry C., Fairfax, Va. Permutation lock. 2,575,674, Nov. 20.

Miller, Harry F., and R. G. Flowers, Pittsfield, Mass., assignors to General Electric Company. Castor oil ortho silicate gels. 2,544,342, Mar. 6.

Miller, Harry H., Chino, Calif., assignor, by mesne assignments, to E. M. Cotton Appliances Inc. Kitchen waste disposal unit. 2,573,213, Oct. 30.

Miller, Harry J., Dearborn, Mich. Standard for preparing hand bouquets. 2,553,103, May 15.

Miller, Henry C., Wyndmoor, assignor to The Pennsylvania Salt Manufacturing Company, Philadelphia, Pa. Fuse. 2,539,261, Jan. 23.

Miller, Henry C., assignor to Eli Lilly and Company, Indianapolis, Ind. Penicillin salt suspensions. 2,544,272, Mar. 6.

Miller, Herbert H.: *See*—
Miller, Bert and H. H.

Miller, Hercheal W., Davenport, assignor to Stellar Manufacturing Company, Burlington, Iowa. Hog ringer mechanism. 2,539,313, Jan. 23.

Miller, Herman, Detroit, Mich. Washing machine of the cylindrical container, end discharge type. 2,575,673, Nov. 20.

Miller, Herman C., Waterbury, Conn., assignor to United States Rubber Company, New York, N. Y. Expansion joints sealed with a composition containing coal tar pitch, rubbery butadiene-acrylonitrile copolymer and polymerized vegetable oil. 2,536,611, Jan. 2.

Miller, Herman, Furniture Company, assignee: *See*—
Eames, Charles.

Miller, Homer H., Bridgeport, Conn., assignor to General Electric Company. Connector block with strain relief. 2,544,343, Mar. 6.

Miller, Horace G., Belleville, N. J., assignor to Federal Telephone and Radio Corporation, New York, N. Y. Tuning means for coaxial line conductors. 2,543,042, Feb. 27.

Miller, Horace G., Belleville, N. J., assignor to Federal Telephone and Radio Corporation, New York, N. Y. Coaxial line circuits. 2,561,398, July 24.

Miller, Howard H., Havertown, Pa. Vacuum cleaner for motor vehicles. 2,559,983, July 10.

Miller, Howard L., Cleveland Heights, assignor to Republic Steel Corporation, Cleveland, Ohio. Wear shoe for railroad equalizer truck frames. 2,558,709, June 26.

Miller, Hugh A., Bay Shore, N. Y., assignor to A. C. Bonebrake and J. W. Smith, doing business as Vaponefrin Company, Upper Darby, Pa. Combined atomizer and suction device. 2,566,806, Sept. 4.

Miller, Ira A.: *See*—
Otis, Herbert C., Luccous, and Miller.

Miller, Ira A., Dallas, Tex. Locating leaks in well pipes. 2,545,102, Mar. 13.

Miller, Ira A., assignor to Otis Pressure Control, Inc., Dallas, Tex. Controlling wells. 2,552,901, May 15.

Miller, Jacob, executor: *See*—
Miller, Jacob, Sr.

Miller, Jacob H., Dayton, Ohio. Reciprocable check valve. 2,564,023, Aug. 14.

Miller, Jacob, Sr., deceased, West Falls, N. Y.; A. and J. Miller, executors of said J. Miller, Sr. Saw with detachable cutting edge. 2,546,947, Mar. 27.

Miller, James: *See*—
Koehler, Robert L., and Miller.

Miller, Jerry: *See*—
Sugarman, Emanuel, and Miller.

Miller, Jo Z., III, trustee, assignee: *See*—
Anderson, William E.
Pro, George M.

Miller, John, Wasco, Calif. Potato slicer and spreader. 2,546,767, Mar. 27.

Miller, John B., Gainesville, Ga. Combined thread cutting and stitch removing tool. 2,556,366, June 12.

Miller, John C.: *See*—
Barnhart, Philip S., and Miller.

Miller, John E., Dallas, Tex. Apparatus for measuring distances within bores. 2,544,100, Mar. 6.

Miller, John F.: *See*—
Heineman, Ruth T., and Miller.

Miller, John L., and J. R. Boughter, assignors to The Firestone Tire & Rubber Company, Akron, Ohio. Making tire molds. 2,560,052, July 10.

Miller, John M., Summerdale, Ala. Toolbox with reel and apron. 2,561,707, July 24.

Miller, John R., Chicago, Ill., assignor to Beaver Tool & Engineering Corp., Big Beaver, Mich. Cutter. 2,538,909, Jan. 23.

Miller, John R., Los Angeles, Calif. Eyeglass cleaner. 2,554,630, May 29.

Miller, John R., Royal Oak, assignor to Chrysler Corporation, Highland Park, Mich. Apparatus for handling liquids. 2,578,145, Dec. 11.

Miller, John V., Fancy Prairie, Ill. Cylinder sleeve removing tool. 2,566,847, Sept. 4.

Miller, John W.: *See*—
Hamann, Floyd R., Miller, Barrie, Gutman, and Kern.

Miller, John W., assignor to Motor Wheel Corporation, Lansing, Mich. Ventilating apparatus. 2,540,005, Jan. 30.

Miller, John W., assignor to Motor Wheel Corporation, Lansing, Mich. Sheet metal multiple gas burner. 2,541,710, Feb. 13.

Miller, John W., assignor to Motor Wheel Corporation, Lansing, Mich. Vaporizing type liquid fuel burner. 2,543,980, Mar. 6.

Miller, John W., assignor to Motor Wheel Corporation, Lansing, Mich. Vaporizing type oil burner. 2,548,117, Apr. 10.

Miller, John W., assignor to Miami Industries, Inc., Toledo, Ohio. Apparatus for forming tubes. 2,566,423, Sept. 4.

Miller, John W., Toledo, Ohio, and A. A. Hale, Spring Lake, Mich., assignors to Acorn Designing Co., Toledo, Ohio. Apparatus for securing sheet metal heads to tubular bodies. 2,558,576, June 26.

Miller, John Z., assignor to A. Jacobson, Hagerstown, Md. Rod holder. 2,576,624, Nov. 27.

Miller, Joseph C., assignor to Candler-Hill Corporation, Detroit, Mich. Rotary pump. 2,554,536, May 29.

Miller, Joseph G., Wilmington, Calif. Sheet metal handling tool. 2,549,918, Apr. 24.

Miller, Joshua, Drexel Hill, and J. T. Truelsen, United States Navy, Philadelphia, Pa. Slide buckle. 2,542,044, Feb. 20.
Miller, Kelly H.: *See*—
Sanguin, Wayne C., and Miller.
Miller-Lauffer Printing Equipment Corp., assignee: *See*—
Lauffer, Jacob R.
Miller, Lawrence F., Clovis, N. Mex. Pump piston. 2,538,467, Jan. 16.
Miller, Lee, Gardena, Calif. Jalousie. 2,574,344, Nov. 6.
Miller, Lee F.: *See*—
Barnhart, Merle E., and Miller.
Miller, Leon R., Hot Springs, Ark. Fish lure. 2,552,730, May 15.
Miller, Leslie C., Macedonia, Ohio. Machine for molding concrete blocks. 2,545,002, Mar. 13.
Miller, Leslie T., Stoneleigh, assignor to The Glenn L. Martin Company, Middle River, Md. Oil temperature control valve. 2,540,628, Feb. 6.
Miller, Leslie T., Stoneleigh, assignor to The Glenn L. Martin Company, Middle River, Md. Oil temperature control valve and cooler. 2,540,629, Feb. 6.
Miller, Lewis B., assignor to Keasbey & Mattison Company, Ambler, Pa. Producing needle crystals of magnesium carbonate. 2,574,652, Nov. 13.
Miller, Lloyd C., Long Beach, assignor to Signal Oil and Gas Company, Los Angeles, Calif. Apparatus for taking oriented cores in earth formations. 2,536,303, Jan. 2.
Miller, Lloyd G., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Machine for use in the manufacture of shoes. 2,556,432, June 12.
Miller, Lloyd G., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Upper shaping machine. 2,577,907, Dec. 11.
Miller, Lola, assignee: *See*—
Dutra, John, Jr.
Miller, Louis G.: *See*—
Wright, Charles M., and Miller.
Miller, Louis P., West Hazleton, Pa., assignor to Specialties Development Corporation, Belleville, N. J. Apparatus for impregnating yarn. 2,577,793, Dec. 11.
Miller, Louis W., Center Brunswick, assignor to Behr-Manning Corporation, Troy, N. Y. Pile surfaced fabric and method of and apparatus for making the same. 2,563,259, Aug. 7.
Miller Manufacturing Co., assignee: *See*—
Warren, Wesley S.
Miller, Martin M., Brooklyn, N. Y. Pottery making machine. 2,554,838, May 29.
Miller, Maurice E., Addison, N. Y. Stencil cutting device for photocomposing apparatus. 2,561,216, July 17.
Miller, Max B., & Co., Inc., assignee: *See*—
Bankson, Ronald O.
Miller, Max C., Cumberland, R. I., assignor to Knitting Machines Corporation, Dover, Del. Yarn spindle. 2,558,308, June 26.
Miller, Max G., Long Beach, assignor to one-half to Modern Amusement, Incorporated, Paramount, Calif. Heat absorbing device for motion-picture projecting machines. 2,556,769, June 12.
Miller, Max O., Los Angeles, Calif., assignor to Motoview, Inc., Carson City, Nev. Television and photography system for race tracks. 2,538,910, Jan. 23.
Miller, Max O., Los Angeles, Calif., assignor to Motoview, Inc., Carson City, Nev. Camera apparatus for race track photography. 2,573,350, Oct. 30.
Miller, Merle W., Philadelphia, Pa. Automatically adjustable rotary turbine-type hydraulic coupling. 2,544,713, Mar. 13.
Miller, Mike A., and W. E. Haupin, New Kensington, assignors to Aluminum Company of America, Pittsburgh, Pa. Aluminum welding fluxes. 2,552,104, May 8.
Miller, Mike A., and W. E. Haupin, New Kensington, assignors to Aluminum Company of America, Pittsburgh, Pa. Aluminum welding fluxes. 2,552,105, May 8.
Miller, Mike A., and W. E. Haupin, New Kensington, assignors to Aluminum Company of America, Pittsburgh, Pa. Aluminum welding fluxes. 2,552,106, May 8.
Miller, Monroe E., Washington, D. C. Optical projection apparatus. 2,536,981, Jan. 2.
Miller, Monroe E., Washington, D. C. Static discharge device. 2,569,249, Sept. 25.
Miller, Morris, Brooklyn, N. Y. Children's combination garment. 2,564,369, Aug. 14.
Miller, Orville J., Beaumont, Tex. Support for nursing bottles. 2,542,694, Feb. 20.
Miller, Otto M., Elkhart, Ind., assignor to Owens-Illinois Glass Company. Folding carton and opening flap therefor. 2,557,914, June 19.
Miller, Peter S., assignor to H. B. Miller Limited, Montreal, Quebec, Canada. Display device. 2,555,986, June 6.
Miller, Philip, New York, N. Y., assignor to Tennessee Valley Authority. Purification of red phosphorus. 2,537,078, Jan. 9.
Miller, Philip, assignor to Alexander Smith & Sons Carpet Company, Yonkers, N. Y. Axminster fabric. 2,557,452, June 19.
Miller, Philip, assignor to Alexander Smith & Sons Carpet Company, Yonkers, N. Y. Forming Axminster fabric. 2,557,453, June 19.
Miller Pottery Engineering Company, assignee: *See*—
Edgar, David M.
Miller, William J.
Wahl, Albert J.
Miller Printing Machinery Co., assignee: *See*—
Holtz, Raymond K.
Montgomery, Gordon.
Sinkovitz, Joseph.
Miller, Ralph: *See*—
Hixson, Arthur W., and Miller.
Miller, Ralph, Woodside, N. Y., assignor to The Chemical Foundation, Incorporated. Production of calcium phosphate. 2,567,227, Sept. 11.
Miller, Ralph L.: *See*—
Ford, Charles J., and Miller.
Miller, Raymond E., Wilkinsburg, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Control device. 2,561,447, July 24.
Miller, Raymond H., Riverside, R. I., assignor to Federal Products Corporation. Electrical control circuit. 2,557,675, June 19.
Miller, Raymond H., Riverside, assignor to Federal Products Corporation, Providence, R. I. Sphygmomanometer. 2,560,237, July 10.
Miller, Raymond J., Detroit, Mich. Temperature control mold. 2,536,692, Jan. 2.
Miller, Raymond S., Los Angeles, Calif., assignor to Bendix Aviation Corporation, South Bend, Ind. Accumulator. 2,543,585, Feb. 27.
Miller, Richard W., Memphis, Tenn. Examining and operating gown. 2,556,931, June 12.
Miller, Robert A.: *See*—
Olson, Henry L., and Miller.
Miller, Robert A., assignor to Camfield Manufacturing Company, Grand Haven, Mich. Case construction for bread toasters. 2,564,368, Aug. 14.
Miller, Robert D., Silver Spring, Md., assignor to the United States of America as represented by the Secretary of the Navy. Detent. 2,554,586, May 29.
Miller, Robert E., assignee: *See*—
Lehnus, John H.
Miller, Robert E., Bronxville, N. Y. Furniture leg glider. 2,567,441, Sept. 11.
Miller, Robert E., Bronxville, N. Y. Self-retaining leg mount for furniture. 2,568,507, Sept. 18.
Miller, Robert E., Philadelphia, Pa. Vestibule diaphragm buffer structure. 2,563,411, Aug. 7.
Miller, Robert E., U. S. Navy. Range and direction finder. 2,560,587, July 17.
Miller, Robert F., assignor to Crane Packing Company, Chicago, Ill. Self-contained mechanical seal with O-ring. 2,549,112, Apr. 17.
Miller, Robert H., Canton, Ill., assignor to International Harvester Company. Agricultural implement. 2,555,554, June 5.
Miller, Robert J.: *See*—
Darragh, John L., and Miller.
Miller, Robert J., Berkeley, assignor to California Research Corporation, San Francisco, Calif. Production of polycarboxylic acid products. 2,576,625, Nov. 27.
Miller, Robert J., and P. C. Condit, Berkeley, assignors to California Research Corporation, San Francisco, Calif. Esterification of certain aromatic polycarboxylic acids. 2,578,312, Dec. 11.
Miller, Robert R.: *See*—
Cuthbertson, George R., and Miller.
Miller, Robert W., Denver, Colo. Hose ferrule clamping pliers. 2,562,055, July 24.
Miller, Roman R.: *See*—
Grand, Joseph A., and Miller.
Miller, Roy G., Bayside, assignor to East Coast Aeronautics, Inc., Mount Vernon, N. Y. Filler cap. 2,552,053, May 8.
Miller, Roy G., Tacoma, Wash. Adjustable hospital bed. 2,540,133, Feb. 6.
Miller, Roy G., Tacoma, Wash. Valve lifter. 2,577,474, Dec. 4.
Miller, Rudolph W., assignor to G. D. Miller, Winona, Minn. Traction motor lubricator. 2,540,829, Feb. 6.
Miller, Rufus M., Miami, Fla. Combination awning and storm shutter. 2,557,676, June 19.
Miller, Samuel J., Corpus Christi, Tex. Tractor mounted disk cultivator. 2,539,632, Jan. 30.
Miller, Sidney E., Dayton, and H. J. Dick, Shelby, assignors to General Motors Corporation, Dayton, Ohio. Air heater control. 2,552,107, May 8.
Miller, Stacy B., Jersey City, N. J. Rotatable work supporting stand for painters. 2,557,231, June 19.
Miller, Theadore, Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Electrical time delay apparatus. 2,568,403, Sept. 18.
Miller, Verner M., Minneapolis, Minn. Holder for targets. 2,538,118, Jan. 16.
Miller, Wallace W., El Cajon, Calif. Clothesline support and tightener. 2,559,130, July 3.
Miller, Walter: *See*—
Morrison, James L D., and Miller.
Miller, Walter, and F. Smardo, Benton Harbor, Mich. Damping means for capacity type phonograph pickups. 2,556,040, June 5.
Miller, Walter A., assignor to Wm. J. Stange Co., Chicago, Ill. Condiment. 2,543,250, Feb. 27.

Miller, Walter C., West Allis, assignor to Frabill Manufacturing Company, Milwaukee, Wis. Fishing bob. 2,569,822, Oct. 2.
Miller, Walter H., Decatur, Ga. Hollow and channel building block. 2,560,731, July 17.
Miller, Wayland R., Whitefish Bay, assignor to Miller-Harris Instrument Co., Milwaukee, Wis. Control device. 2,578,632, Dec. 11.
Miller, Wesley G., assignor to Hays Manufacturing Company, Erie, Pa. Insertable strainer. 2,545,789, Mar. 20.
Miller, Wesley G., assignor to Hays Manufacturing Company, Erie, Pa. Flow control device. 2,554,790, May 29.
Miller, William A.: *See*—
Franklin, Ralph E., and Miller.
Jensen, Lloyd B., and Miller.
Miller, William A., Port Jefferson, N. Y., assignor to Radio Corporation of America. Pulse multiplex transmission system. 2,536,564, Jan. 2.
Miller, William A., Port Jefferson, N. Y., assignor to Radio Corporation of America. Vapor coating process. 2,539,149, Jan. 23.
Miller, William A., Port Jefferson, N. Y., assignor to Radio Corporation of America. Trigger controlled oscillator. 2,554,308, May 22.
Miller, William A., Port Jefferson, N. Y., assignor to Radio Corporation of America. Object detection system utilizing radio pulses. 2,559,511, July 3.
Miller, William A., Port Jefferson, N. Y., assignor to Radio Corporation of America. Trigger operated pulse amplitude selector. 2,577,475, Dec. 4.
Miller, William C., Plant City, Fla. Window. 2,576,626, Nov. 27.
Miller, William H., Hazelton, assignor to Cloverleaf-Freeland Corporation, Honesdale and Hazelton, Pa. Bobbin with die cast center core. 2,542,554, Feb. 20.
Miller, William J., assignor to Miller Pottery Engineering Company, Swissvale, Pa. Apparatus for decorating potteryware. 2,543,186, Feb. 27.
Miller, William J., Toledo, Ohio, assignor of one-half to J. D. Stone. Mechanism for antenna tuning. 2,545,003, Mar. 13.
Miller, William J., assignor of one-half to J. D. Stone, Toledo, Ohio. Inclined elevator. 2,563,260, Aug. 7.
Miller, William J., and A. C. Johnson, assignors to Elliott Bay Mill Co., Seattle, Wash. Pressure head for veneer lathe. 2,562,472, July 31.
Miller, William J., and A. C. Johnson, assignors to Elliott Bay Mill Co., Seattle, Wash. Roller pressure bar for veneer lathes. 2,562,868, July 31.
Miller, William J., Jr.: *See*—
Hurst, Dee A., and Miller, Jr.
Miller, William M., Junction City, Oreg. Combine machine. 2,571,469, Oct. 16
Miller, William R., Norfolk, Va. Hanger for pipes and other fittings. 2,546,556, Mar. 27.
Miller, William T., Ithaca, N. Y., assignor to the United States of America as represented by the United States Atomic Energy Commission. Making halocarbon polymers. 2,564,024, Aug. 14.
Miller, William T., Ithaca, N. Y., assignor to the United States of America as represented by the United States Atomic Energy Commission. High-pressure polymerization of perhaloolefins. 2,567,956, Sept. 18.
Miller, William T., Ithaca, N. Y., assignor to The M. W. Kellogg Company. Preparing solid polytrifluorochloroethylene. 2,579,437, Dec. 18.
Miller, William T., Ithaca, N. Y., A. L. Dittman, Jersey City, N. J., and S. K. Reed, Lewisburg, Pa., assignors to the United States of America as represented by the United States Atomic Energy Commission. Storing perhaloacetyl peroxide and stabilized perhaloacetyl peroxide. 2,580,358, Dec. 25.
Millerd, George A., New London, Wis. Hanger and hammer assembly for hammer mills. 2,568,200, Sept. 18.
Millers Falls Company, assignee: *See*—
Shortell, William H.
Wilcox, George R.
Millette, Adolph, Central Falls, R. I. Picker shaft supporting means. 2,547,652, Apr. 3.
Millhiser Bag Company, Inc., assignee: *See*—
Golden, Bertie C.
Millhiser, Frederick R., Richmond, Va., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Producing lustrous titanium impregnated yarns. 2,563,656, Aug. 7.
Millien, Albert: *See*—
Fawcett, Eric W. M., and Millien.
Millier, William R., Montreal, Quebec, assignor to Cresswell Roll Forming Company Limited, Ganby, Quebec, Canada. Structural member. 2,566,622, Sept. 4.
Milligan, Charles S., Hamilton, Ontario, Canada. Golf club. 2,550,846, May 1.
Milligan, George R.: *See*—
Chambers, Albert M., Jr., and Milligan.
Milligan, Lowell H., assignor to Norton Company, Worcester, Mass. Surface plate and the like. 2,547,087, Apr. 3.
Milligan, Lowell H., and R. H. Lombard, assignors to Norton Company, Worcester, Mass. Grinding wheel construction. 2,537,541, Jan. 9.
Milligan, William B., Albany, assignor to Shell Development Company, San Francisco, Calif. Continuous determination of fluid mixture compositions. 2,571,470, Oct. 16.
Milligan, Winfred O., Houston, and J. C. Schiller, Baytown, Tex., assignors, by mesne assignments, to Standard Oil Development Company, Elizabeth, N. J. Synthesis of hydrocarbons with a reduced gamma iron oxide catalyst. 2,567,295, Sept. 11.
Milligan, Winfred O., Houston, and J. C. Schiller, Baytown, Tex., assignors, by mesne assignments, to Standard Oil Development Company, Elizabeth, N. J. Preparation of a Fischer-Tropsch catalyst. 2,567,296, Sept. 11.
Milligan, Winfred O., Houston, and J. C. Schiller, Baytown, Tex., assignors, by mesne assignments, to Standard Oil Development Company, Elizabeth, N. J. Preparation of a Fischer-Tropsch catalyst. 2,567,297, Sept. 11.
Milligan, Winfred O., Houston, Tex., assignor to Houdry Process Corporation, Wilmington, Del. Preparation of catalyst gel beads by emulsifying. 2,568,352, Sept. 18.
Milliken, Humphreys, Mount Royal, Quebec, Canada. Shock-resistant condenser-type insulating bushing. 2,557,359, June 19.
Milliken, Humphreys, Mount Royal, Quebec, Canada. Air-blast circuit breaker. 2,567,022, Sept. 4.
Milliken, William L.: *See*—
Grossman, John R., and Milliken.
Milling, Martin A.: *See*—
Baxter, Robert R., and Milling.
Millington, John, Valparaiso, Nebr. Pencil calendar. 2,577,259, Dec. 4.
Millis, Keith D.: *See*—
Gagnebin, Albert P., and Millis.
Millis, Keith D., Rahway, A. P. Gagnebin, Red Bank, and N. B. Pilling, Westfield, N. J., assignors to The International Nickel Company, Inc., New York, N. Y. Addition agent. 2,563,859, Aug. 14.
Millison, Clark D., assignor to Core Recorder, Inc., Tulsa, Okla. Well drilling. 2,555,275, May 29.
Millmather, Ernest, Jr., Johnston, R. I. Surface ornamentation. 2,572,275, Oct. 23.
Millns, Terence W., Shepherds Bush, assignor to Rotax Limited, Willesden Junction, London, England. Power transmission mechanism. 2,564,271, Aug. 14.
Millns, Terence W., assignor to Rotax Limited, London, England. Gas turbine. 2,569,898, Oct. 2.
Mills, Albert W., Endicott, assignor to International Business Machines Corporation, New York, N. Y. Record card feeding mechanism. 2,566,951, Sept. 4.
Mills, Albert W., Bradenton, Fla., F. J. Furman, and H. L. Read, Endicott, assignors to International Business Machines Corporation, New York, N. Y. Combined typewriter recording and computing machine of the record controlled type. 2,566,952, Sept. 4.
Mills, Aubrey R., London, England. Toy extension ladder assembly. 2,551,036, May 1.
Mills, Bert, Corporation, The, assignee: *See*—
Mills, Bert E.
Mills, Bert E., St. Charles, assignor to The Bert Mills Corporation, Chicago, Ill. Beverage vending machine. 2,569,486, Oct. 2.
Mills, Bertram M., assignor to The Standard Engineering Works, Pawtucket, R. I. Humidifier. 2,554,867, May 29.
Mills, Blair E., Lowellville, Ohio. Boiler scaling tool. 2,546,768, Mar. 27.
Mills, Bryan F. F., Inc., assignee: *See*—
Cobert, Arthur J.
Mills, Charles L., Jr., and J. M. Butler, Dayton, Ohio, assignors to Monsanto Chemical Company, St. Louis, Mo. Copolymers of styrene and phenylallyl alcohol. 2,563,611, Aug. 7.
Mills, Donald H., Fort Wayne, Ind. Indexing device. 2,547,533, Apr. 3.
Mills, Donald H., and N. F. Martin, assignors to The Magnavox Company, Fort Wayne, Ind. Tuning control. 2,573,801, Nov. 6.
Mills, Elmer E., Highland Park, Ill. Making hollow articles. 2,579,390, Dec. 18.
Mills Engineering Company, assignee: *See*—
Mills, Herbert E.
Mills, Florence P., executrix, assignee: *See*—
Haun, Joye C.
Haun, Joye C., and Carter.
Mills, Fred M., Portland, Oreg. Folding garment hanger. 2,544,170, Mar. 6.
Mills, George A., Ridley Park, Pa., assignor to Houdry Process Corporation, Wilmington, Del. Hydrocarbon conversion. 2,552,573, May 15.
Mills, George A., Swarthmore, assignor to Houdry Process Corporation, Philadelphia, Pa. Hydrocarbon conversion processes with acid-treated clay catalysts. 2,547,036, Apr. 3.
Mills, George A., Swarthmore, Pa., assignor to Houdry Process Corporation, Wilmington, Del. Purification of oils. 2,566,353, Sept. 4.
Mills, George C., Youngstown, Ohio, assignor of 50 percent to H. A. Makin, Sr., Johnstown, Pa. Trailer hitch. 2,574,276, Nov. 6.
Mills, George I., Springfield, Mo. Golf club cart. 2,547,829, Apr. 3.

Mills, Gordon F., Palo Alto, Calif., and J. L. Porter, Baton Rouge, La., assignors to Chemical Process Company, San Francisco, Calif. Sugar sirup preparation. 2,568,925, Sept. 25.
Mills, Herbert E., assignor to Mills Engineering Company, Detroit, Mich. Oven door seal for stoves. 2,539,150, Jan. 23.
Mills, Herbert E., assignor to Mills Engineering Company, Detroit, Mich. Oven door hinge. 2,539,151, Jan. 23.
Mills, Herbert E., assignor to Mills Engineering Company, Detroit, Mich. Combined stove door window and oven temperature indicating device. 2,551,755, May 8.
Mills, Howard V.: *See*—
Adams, Cecil E., Mills, and Blasutta.
Mills Industries, Incorporated, assignee: *See*—
Bendfelt, Herbert A.
Dressler, William C.
Gruenhut, Alfred.
Lynxwiler, Thomas L. D.
Scherger, Milton H., and Terrill.
Terrill, Earl B., Jr.
Mills, James, Limited, Executors of, assignee: *See*—
Macbeth, Allan.
Wragge, William B.
Mills, John, Drexel Hill, assignor to Hires, Castner & Harris, Inc., Philadelphia, Pa. Glass spike detector. 2,578,573, Dec. 11.
Mills, John C., Wolverhampton, England. Pickling or liquor-processing articles. 2,550,077, Apr. 24.
Mills, John C., Wolverhampton, England. Apparatus for use in the treatment of articles. 2,572,743, Oct. 23.
Mills, Kenneth L.: *See*—
Ott, George L., and Mills.
Mills, King L., Jr., and C. J. Helmers, Bartlesville, Okla., assignors to Phillips Petroleum Company. Catalytic hydrocarbon conversion process and apparatus. 2,541,267, Feb. 13.
Mills, Lindley E., Kalamazoo, Mich. Flexible measuring tape and case therefor. 2,575,354, Nov. 20.
Mills, Paul R.: *See*—
Carlisle, Willis C., and Mills.
Mills, Ralph B., assignor to The Standard Engineering Works, Pawtucket, R. I. Humidifier. 2,554,868, May 29.
Mills, Victor, Springfield Township, Hamilton County, assignor to The Procter & Gamble Company, Cincinnati, Ohio. Continuous process for neutralizing fatty acids. 2,578,366, Dec. 11.
Mills, William D.: *See*—
Russell, George H., and Mills.
Mills, William L., Waco, Tex. Safety razor. 2,572,367, Oct. 23.
Millsaps, William A.: *See*—
Staubly, Julian L., and Millsaps.
Millsite Tackle Company, assignee: *See*—
Hall, Ralph J.
Milman, Herman, Brooklyn, N. Y. Electric educational game with removable wires. 2,541,172, Feb. 13.
Milmore, Oswald H., assignee: *See*—
Wall, Marvin R.
Milne, James T. G., Hatch End, assignor to Electric & Musical Industries Limited, Hayes, Middlesex, England. Apparatus for joining thermoplastic material. 2,571,599, Oct. 16.
Milner, Christopher J.: *See*—
Wilkinson, Kenneth J. R., and Milner.
Milner, Fred E., Ossian, Ind. Automatic locking coupling pin. 2,558,907, July 3.
Milnor, Leland T., Cincinnati, assignor, by mesne assignments, to The F. C. Russell Company, Cleveland, Ohio. Combination storm and screen unit. 2,569,942, Oct. 2.
Miloche, Herman A., Teaneck, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Translator for calling line identification. 2,554,149, May 22.
Milprint, Inc., assignee: *See*—
Altheimer, Ben G.
Hultkrans, Paul B.
Perino, Dominic A.
Schoen, Walter A.
Milrose Foods Company, assignee: *See*—
Gray, Peter.
Milsom, Frederick R.: *See*—
Meredith, Frederick W., and Milsom.
Milsom, Frederick R., Boreham Wood, assignor to S. Smith and Sons (England) Limited, London, and Furzehill Laboratories Limited, Boreham Wood, England. Amplifier system for alternating voltages. 2,557,194, June 19.
Milster, Arthur N., Ferguson, assignor to Wagner Electric Corporation, St. Louis, Mo. Hydraulic brake mechanism for tractor steering. 2,556,287, June 12.
Milster, Arthur N., St. Louis, Mo., assignor to Wagner Electric Corporation. Apparatus for jointly or severally operating master cylinders. 2,556,288, June 12.
Milstine, Albert H.: *See*—
Achler, Maurice E., and Milstine.
Milton, Clare L., Jr., Akron, Ohio, assignor to the United States of America as represented by the Secretary of the Army. Producing flexible hollow plastic articles. 2,562,204, July 31.
Milton, Clare L., Jr., Roslyn Heights, N. Y., and C. A. Nielson, Takoma Park, Md., assignors to the United States of America as represented by the Secretary of the Army. Electroforming molds. 2,538,160, Jan. 16.
Milton, John, Jr., trustee, assignee: *See*—
McAvoy, Frank E.
Milton, Noonan B., Fort Pierce, Fla. Tractor mounted disk cultivator. 2,576,351, Nov. 27.
Milton Roy Company, assignee: *See*—
Saalfrank, Royal B.
Milwaukee Flush Valve Co., assignee: *See*—
Judell, Julius S.
Milwaukee Gas Specialty Company, assignee: *See*—
Matthews, Russell.
Milwaukee Saddlery Company, assignee: *See*—
Wing, William A.
Milz, Harold E., assignor to The Mercury Manufacturing Company, Chicago, Ill. Rotating fork carriage. 2,541,268, Feb. 13.
Milz, Harold E., and J. J. Sichman, Jr., assignors to The Mercury Manufacturing Company, Chicago, Ill. Rotary brush sweeper attachment for power vehicles. 2,548,676, Apr. 10.
Mims, Henry B., assignee: *See*—
Mims, Samuel S.
Mims, Philip B., Alexandria, Va. Foot scraper having gravity operated latch means. 2,579,006, Dec. 18.
Mims, Samuel S., Atlanta, Ga., assignor of one-half to H. B. Mims, Houghton Lake, Mich. Dehorning device. 2,569,250, Sept. 25.
Minard, John F., Mount Vernon, Ohio. Electric plug. 2,577,794, Dec. 11.
Minardi, Frank C., assignor of one-half to A. J. Feigel, Chicago, Ill. Phonograph record holder. 2,562,112, July 24.
Minarik, Rudolf G., and E. N. Isakson, assignors to Paper Patents Company, Neenah, Wis. In-place resurfacing of ponderous cylinders. 2,579,391, Dec. 18.
Minch, Jack S., Brooklyn, N. Y. Precision setting indicating and scribing instrument for use in connection with height gauges. 2,562,935, Aug. 7.
Minch, Raymond, Waterveliet, and R. Ball, Albany, N. Y. Safety cutout switch for electrical systems. 2,538,581, Jan. 16.
Mindrup, Louis A., Dallas, Tex. Insect poisoning and crop dusting machine. 2,578,482, Dec. 11.
Mine Safety Appliances Company, assignee: *See*—
Bub, Robert A.
Jackson, Carey B.
Jackson, Carey B., and Bovard.
Jacobson, Moses G.
McCammond, Walter D.
Schneider, John H.
Yant, William P.
Miner, Carl S., Evanston, Ill., assignor to The Kelling Nut Company. Preparing nuts for blanching. 2,557,555, June 19.
Miner, Carl S., Jr.: *See*—
Pedlow, George W., Jr., and Miner.
Miner, Carl S., Jr., Winnetka, and B. Wolnak, Chicago, Ill., assignors to Sewerage Commission of the City of Milwaukee, Milwaukee, Wis. Fermentation activation. 2,544,273, Mar. 6.
Miner, Carroll R.: *See*—
Peterson, Eric O., and Miner.
Miner, Carroll R., Liverpool, N. Y., assignor to General Electric Company. Phonograph pickup mounting. 2,557,752, June 19.
Miner, Carroll R., Stratford, Conn., assignor to General Electric Company. Audio amplifier circuit with feedback. 2,544,344, Mar. 6.
Miner, Carroll R., Liverpool, and E. J. Zikmund, North Syracuse, N. Y., assignors to General Electric Company. Dual stylus phonograph pickup for multispeed record players. 2,554,209, May 22.
Miner, Charles H., Denver, Colo. Centrifugally controlled device. 2,553,505, May 15.
Miner, David F., Seaford, Del. Tire and wheel jack. 2,576,627, Nov. 27.
Miner, Donald B.: *See*—
Sugden, Clifford N., Eplett, and Miner.
Miner, Howard W., Beloit, Wis., assignor to Fairbanks, Morse & Co., Chicago, Ill. Mold for casting crankshafts. 2,569,899, Oct. 2.
Miner, John D., Jr., and H. D. Else, Lima, Ohio, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Pile regulator. 2,542,826, Feb. 20.
Miner, Richard Y.: *See*—
Agins, George, and Miner.
Miner, Robert G., assignor to The Trane Company, La Crosse, Wis. Heating control system. 2,553,060, May 15.
Miner, W. H., Inc., assignee: *See*—
Danielson, Vernon S.
Dath, George E.
Dentler, Arnold E.
Fuchs, Henry.
Haseltine, Stacy B.
Johnson, Clarence A.
Lehman, Edward H.
Olander, Roland J.
Withall, Albert P.
Withall, William E.

Miner, William B., assignor to Ace Art Company, Reading, Mass. Corner mount and method and machine for making the same. 2,575,924, Nov. 20.
Miner, William W., Jr., N. Ray, and R. Owens, Verdon, Nebr. Inclined-axis hay mangler with rotor having twisted draft blades. 2,578,822. Dec. 18.
Minerals Separation North American Corporation, assignee: *See*—
Duke, James B.
Greene, Ernest W.
Houston, Wesley M.
Sullivan, William L.
Minerec Corporation, assignee: *See*—
Fischer, Arthur H.
Minerva Wax Paper Company, assignee: *See*—
Gluck, Fred C.
Minich, Arthur, Westfield, and M. Nowak, Union, assignors to Nuodex Products Co., Inc., Elizabeth, N. J. Pesticidal composition comprising a zinc salt of petroleum sulphonic acids. 2,573,862, Nov. 6.
Mininberg, Nathan D., New York, N. Y. Oscillator apparatus for beds. 2,566,239, Aug. 28.
Mining Engineering Company Limited, The, assignee: *See*—
Duncan, Angus W.
Mining Process and Patent Company, assignee: *See*—
Bailey, Thomas S., Jr.
Minister of Mines and Resources, His Majesty the King in the right of Canada, as represented by the, assignee: *See*—
Rabbitts, Alfred T.
Minister of Mines and Technical Surveys, His Majesty the King in the right of Canada, as represented by the, assignee: *See*—
Kinsey, Harold V.
Minister of Supply in His Majesty's Government of the United Kingdom of Great Britain and Northern Ireland, assignee: *See*—
Blake, Kenneth.
Green, Henry L., Thomas, and Harris.
Hinckley, Garfield L., and Simmons.
Main-Smith, John D., and Earwicker.
Marshall, John N.
May, Kenneth R.
Parkinson, Geoffrey B.
Rumsey, Victor H., and Salmon.
Minit-Man, Inc., assignee: *See*—
Rousseau, Leo J.
Minix, William A., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Pneumatic gauge for plain and tapered bores. 2,572,368, Oct. 23.
Minkler, Everett, Pasadena, and F. E. Minkler, Los Angeles, Calif. Machine for sawing stone. 2,554,678, May 29.
Minkler, Floyd E.: *See*—
Minkler, Everett and F. E.
Minkler, William A., Elmhurst, Ill., and E. H. Lusk, East Paterson, N. J., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Air conditioning refrigeration system. 2,556,882, June 12.
Minkow, Robert, New York, N. Y. Margin gluing machine. 2,541,598, Feb. 13.
Minkow, Robert, New York, N. Y. Sheet material gluing machine. 2,554,587, May 29.
Minkus, Herman J., assignee: *See*—
Hammond, John M.
Tyler, Charles.
Minneapolis-Honeywell Regulator Company, assignee: *See*—
Anderson, John M., Exner, and Haselberger.
Ashcraft, Joe P.
Baak, Albert E.
Barnes, George W., Jr.
Barnes, George W., Jr., Johnson, and Wills.
Belcher, Wallace E., Jr.
Bowar, Earl C.
Brady, Joseph G., and Jackson.
Brion, Benjamin W.
Burdick, Edwin C.
Butterfield, Robert J.
Caldwell, John A.
Chapman, Robert R.
Charles, Clayton E.
Christensen, Carlo M.
Chudyk, Alex B.
Chudyk, Alex B.
Cole, George H., Hoel, Neuendorf, and Corneaby.
Culver, Donald C.
Culver, Donald C., Wild, Harrison, and Wills.
Dahline, Lawrence J.
Dempsey, Frank B.
Diekhoff, Earl F.
Drow, Donald F.
Dyer, Clarence A.
Eckman, Donald P.
Edelman, Walter E.
Ergen, William K.
Feigal, Richard S.
Gaddis, Gene T.
Gealt, Arthur E.
Gille, Willis H.
Gillie, Willis H.
Goehring, Francis R.
Minneapolis-Honeywell Regulator Company, assignee: *See*—Continued.
Griffith, Le Roy A.
Hart, John V.
Harrison, Thomas R.
Huntington, William L.
Joesting, Frederick D.
Johnson, James H.
Jordan, Arthur H.
Kliever, Waldo H.
Koontz, Lamont B.
Kronmiller, Carl G.
Kuhlmann, John H.
Kutzler, Robert J.
Ludwig, Merle R.
Malek, Sidney K.
Markusen, David L.
Mattern, Raymond P.
Mouzon, James C.
Moses, Thomas A., Jr.
Ne Smith, Woodrow.
Newton, Alwin B.
Nickells, Stanley W.
Nina, Anthony A.
Olson, Kenneth W.
Peterson, Du Wayne J.
Preising, William J., and Ray.
Schafer, Curtiss R., and Morley.
Schuck, Oscar H.
Simpson, William F.
Smith, James W.
Sparrow, Hubert T.
Sparrow, Hubert T., and Chudyk.
Sparrow, Hubert T., and Lindroth.
Squier, Ralph T.
Squier, Ralph T., and Dewey.
Stanton, Leonard.
Stone, Wayne A.
Strother, Fred P.
Taylor, Daniel G.
Taylor, Daniel G.
Tilton, Donald G.
Thorsheim, Joseph O.
Underwood, Orville J.
Vollrath, Joseph P.
Wannamaker, William H., Jr.
Welch, William E.
Wettels, Albert J.
Wild, Rudolf F.
Wild, Rudolf F., and Curran.
Wills, Walter P.
Wilson, Harry M.
Wilson, John M.
Wilson, John M., and Nickells.
Wilson, John M., Nickells, and Smith.
Wilson, Theodore J.
Wolff, Emanuel.
Minneapolis-Moline Company, assignee: *See*—
Evans, Thomas.
Knapp, William E.
Ronning, Martin, and Keith.
Seaholm, Paul C.
Slathar, Arthur.
Stutzke, Robert E.
Minnear, Festus L., Mount Vernon, Ohio, assignor, by mesne assignments, to Continental Can Company, Inc., New York, N. Y. Laminated product and laminating. 2,579,949, Dec. 25.
Minnesota Mining & Manufacturing Company, assignee: *See*—
Aldrich, Paul H.
Brinker, Howard C.
Bye, Raymond S.
Carlton, Richard P.
Cross, Bert S.
Cross, Bert S., and Netherly.
Diesslin, Albert R., Kauck, and Simons.
Ebel, Clarence J.
Finn, Alfred L.
Heasley, Charles K.
Heltzer, Harry.
Husted, Donald R., and Ahlbrecht.
Hill, John M.
Joesting, Edwin O.
Johnson, Robert C., and Bauman.
Kaplan, Benjamin B.
Kellgren, Waldo.
Kugler, Joseph H., and Lundquist.
Larson, Karl O.
Lundquist, William E.
McNamara, William J., and Kugler.
Nestor, Leonard R.
Oace, Ralph, Jr., Snell, and Eastwold.
Palmquist, Philip V., and Douglas.
Palmquist, Philip V., and Penrod.
Palmquist, Philip V., Schmelzle, and Bye.
Penney, Kenneth E.
Pole, Gordon R.
Pedlow, George W., Jr., and Miner.
Riedesel, Richard G.
Riedesel, Richard G., and Martin.
Simons, Joseph H., and Brice.
Stockwell, Alan J.
Tatum, John C.

Minnesota Paints, Inc., assignee: *See*—
Parkin, Fremont P., and Walker.
Minnich, Edward L., assignor to Selectronics, Inc., Carlisle, Pa. Piezoelectric crystal system. 2,542,045, Feb. 20.
Minnick, Leonard J., Cheltenham, Pa., assignor to Baldwin-Hill Company, Trenton, N. J. Making mineral wool. 2,576,312, Nov. 27.
Minnick, Leonard J., Cheltenham, and C. R. Brown, Llanerch, assignors to G. and W. H. Corson, Inc., Plymouth Meeting, Pa. Recovering lithium values from dilithium sodium phosphate. 2,548,037, Apr. 10.
Minnis, Bradford R., and J. H. Conover, Chicago, Ill. Fluid for use in contact with the human eyeball. 2,547,653, Apr. 3.
Minns, Elbert W., Wilmette, assignor to E. R. Moore Company, Chicago, Ill. Fluting machine. 2,551,808, May 8.
Minor, Burt S.: *See*—
Regan, Louis M., and Minor.
Minor, Burt S., Whittier, assignor to Regan Forge and Engineering Company, San Pedro, Calif. Hook. 2,576,261, Nov. 27.
Minor, Charles G., assignor of one-half to A. G. McCaleb, Evanston, Ill. Tiltable cabinet. 2,537,363, Jan. 9.
Minor, Charles G., assignor of one-half to A. G. McCaleb, Evanston, Ill. Tiltable cabinet. 2,537,364, Jan. 9.
Minor, Charles G., deceased, Evanston, assignor of one-half to A. G. McCaleb, deceased, Chicago, Ill.; H. H. Gmeiner, executor of said C. G. Minor; R. F. McCaleb, executrix of said A. G. McCaleb. Double-door structure with latching mechanism. 2,566,578, Sept. 4.
Minor, Leo L., Jr., Dallas, Tex. Spring supported hobby-horse. 2,554,045, May 22.
Minor, Louis E., Smithville, Ontario, Canada. Treating beeswax. 2,555,499, June 5.
Minovitz, Benjamin, Hyattsville, Md. Handle construction for dispensing valves. 2,573,042, Oct. 30.
Minsk, Louis M.: *See*—
Lowe, Wesley G., Kenyon, and Minsk.
Minster, Clyde H., Beckley, W. Va. Frozen confection and making same. 2,558,453, June 26.
Minster Machine Company, The, assignee: *See*—
Wissman, Reuben E.
Minter, Clarke C., East Orange, N. J. Hygrometer. 2,548,550, Apr. 10.
Minter, Herbert F., Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Copolymers of vinyl aryl compounds, acrylonitrile, diallyl esters, and unsaturated dicarboxylic acids and their anhydrides and products produced therefrom. 2,542,827, Feb. 20.
Minter, Herbert F., and M. M. Leven, Pittsburgh, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Polymerizing large bodies of resins. 2,579,596, Dec. 25.
Mintner, Corban, assignor of forty-nine per cent to H. Slazinik, St. Louis, Mo. Fish lure. 2,559,542, July 3.
Minto, Wallace L., East Orange, N. J. Tri-iodide of beta-amylose prepared with iodine vapor. 2,540,486, Feb. 6.
Minton, Leslie A., Portland, Oreg. Guide for ball flush valves. 2,549,700, Apr. 17.
Minton, Leslie A., Portland, Oreg. Container. 2,551,450, May 1.
Minyard, Ira T., Odessa, Tex. Paraffin scraper stop. 2,539,353, Jan. 23.
Minyard, Ira T., Odessa, Tex. Paraffin scraper. 2,539,354, Jan. 23.
Minzner, Raymond A., Watertown, Mass., assignor, by mesne assignments, to the United States of America as represented by the Secretary of the Navy. Direct current level changer for direct coupled amplifiers. 2,554,469, May 22.
Miollis, Raymond, Maywood, Ill., assignor to The Borden Company, New York, N. Y. Cheese handling apparatus. 2,567,957, Sept. 18.
Miralta-Seix, Eduardo, Barcelona, Spain. Chamber pot for children. 2,559,027, July 3.
Miranda, Vincent A., assignee: *See*—
Soileau, Robert L.
Mires, Joseph E., assignor to Somerville Limited, London, Ontario, Canada. Carton for packaging radio tubes and like articles. 2,537,151, Jan. 9.
Mirfield, George E., Youngstown, and I. A. Colby, Hubbard, assignors to The Youngstown Sheet and Tube Company, Youngstown, Ohio. Flying saw actuating mechanism. 2,578,825, Dec. 18.
Miriani, Charles H.: *See*—
Carney, Samuel E., and Miriani.
Miro-Flex Company, The, assignee: *See*—
Haigh, George W.
Harkins, George T.
Mironowicz, Vladimir C., Sioux City, Iowa, assignor to Wincharger Corporation. Electrical control system. 2,538,119, Jan. 16.
Mirrlees Watson Company Limited, The, assignee: *See*—
Bach, Niels B.
Mirsky, Leonard, assignee: *See*—
Pearl, Morton S.
Miseta, Frank, Jr., Columbus, Ohio. Combination paper-cutting tool. 2,568,353, Sept. 18.
Mishawaka Rubber and Woolen Manufacturing Company, assignee: *See*—
Fitterling, Cecil H.
Ward, Clarence E.
Mishcon, Lester: *See*—
Mishcon, Samuel, Agulnek, and Mishcon.
Mishcon, Lester, Queens, and H. Agulnek, assignors to Supreme Knitting Machine Co., Inc., Brooklyn, N. Y. Knitting machine with selector wheel nullifying cams. 2,539,790, Jan. 30.
Mishcon, Samuel, New York, H. Agulnek, Brooklyn, and L. Mishcon, New York, assignors to Supreme Knitting Machine Co., Inc., Brooklyn, N. Y. Knitting machine. 2,543,121, Feb. 27.
Mishcon, Samuel, Queens, H. Agulnek, Brooklyn, and L. Mishcon, Queens, assignors to Supreme Knitting Machine Co., Inc., New York, N. Y. Apparatus for knitting striped fabric. 2,549,701, Apr. 17.
Mishkin, Irving J., assignor to The Lamport Company, Inc., New York, N. Y. Packaged piece goods. 2,550,285, Apr. 24.
Misic, Stephen, Berwyn, assignor to Franklin Appliance Company, Chicago, Ill. Stand for food mixers. 2,552,054, May 8.
Miskel, John J., Brooklyn, N. Y., and L. Rassner, North Bergen, assignors, by mesne assignments, to Rare-Galen, Inc., Newark, N. J. Mild detergent and making same. 2,553,716, May 22.
Miskella, William J., Cleveland, Ohio. Infrared oven. 2,549,619, Apr. 17.
Miskill, William J., Chattanooga, Tenn. Power actuated lock pick. 2,565,254, Aug. 21.
Miskin, Renold A., Clearfield, Utah, and J. N. Suddarth, Seattle, Wash., said Suddarth assignor to said Miskin. Leaping figure toy. 2,570,584, Oct. 9.
Mission Appliance Corporation, assignee: *See*—
James, Evan L., Duim, and Wallace.
Miller, Avy L.
Miller, Avy L., and Woolley.
Mississippi Valley Research Laboratories, Inc., assignee: *See*—
Doelling, George L., and Adams.
Missouri Automatic Control Corporation, assignee: *See*—
Allan, William J.
Bader, James B.
Cobb, Clifton A.
Garner, Claude M.
Hacker, John H.
Markham, Charles E.
Pratt, Ryder.
Seyffert, Marvin L.
Smith, Carl A.
Smith, Carl A., and Wasser.
Mistretta, Vincent F.: *See*—
Archibald, Francis M., and Mistretta.
Misulis, Edward V., Buffalo, N. Y., assignor to Curtiss-Wright Corporation. Retractable landing gear. 2,538,878, Jan. 23.
Mitchel, Carl E., San Francisco, Calif. Shoulder pad. 2,545,039, Mar. 13.
Mitchell, Alex, Portland, Oreg. Bathing garment. 2,567,442, Sept. 11.
Mitchell, Alexander, Yellowknife, Northwest Territories, Canada. Ore treating machine. 2,544,634, Mar. 6.
Mitchell, Allan D., Detroit, Mich. Key container. 2,575,424, Nov. 20.
Mitchell, Aloysius: *See*—
Osborne, Sidney G., and Mitchell.
Mitchell, Alva E., Philadelphia, Pa. Compressor. 2,573,863, Nov. 6.
Mitchell, Alvan C., Sarnia, Ontario, Canada. Securing means for partition studs. 2,563,735, Aug. 7.
Mitchell, Arthur G.: *See*—
Waye, Basil E., and Mitchell.
Mitchell, Bernard A., Chicago, Ill. Lighting fixture for elongated tubular lamps. 2,567,779, Sept. 11.
Mitchell Camera Corporation, assignee: *See*—
Manderfeld, Emanuel C.
Mitchell, George A.
Mitchell, Cecil T., assignor of one-third to J. J. Thomas and one-third to E. Anderson, Corpus Christi, Tex. Watchmaker's milling machine. 2,541,269, Feb. 13.
Mitchell, Donald H.: *See*—
Jenner, Ray R., and Mitchell.
Mitchell, Donald H., assignor to Motorola, Inc., Chicago, Ill. Radio receiver for multiple signals. 2,560,121, July 10.
Mitchell, Doren, Martinsville, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Analyzing system for determining the fundamental frequency of a complex wave. 2,561,478, July 24.
Mitchell, Edgar D., Taos, N. Mex. Automatic cow stanchion device. 2,544,171, Mar. 6.
Mitchell, Elder E., Washington, D. C. Copyholder. 2,538,318, Jan. 16.
Mitchell, Emery A., assignor of one-quarter to E. G. Bellamy and one-quarter to J. W. Harris, Richmond, Calif. Tire gauge installation. 2,572,369, Oct. 23.
Mitchell Engineering Limited, assignee: *See*—
MacPhee, Anderson.
Mitchell, Frederic D., Collingdale, and D. M. O'Halloran, Philadelphia, assignors to Shallcross Mfg. Company, Collingdale, Pa. Hermetically sealed resistor. 2,547,405, Apr. 3.
Mitchell, Freeman S., San Diego, Calif. Sanding disk. 2,556,434, June 12.
Mitchell, Gavin G., Decatur, Ill. Embalming apparatus. 2,569,016, Sept. 25.

Mitchell, George A., Pasadena, assignor to Mitchell Camera Corporation, Glendale, Calif. Focus adjustment for motion-picture sound pickups. 2,554,679, May 29.
Mitchell, George A., Pasadena, assignor to Mitchell Camera Corporation, Glendale, Calif. Intermittent movement with improved claw action. 2,569,487, Oct. 2.
Mitchell, George D., Jr., Houston, Tex., assignor to Texaco Development Corporation, New York, N. Y. Seismic prospecting method, including generation of a cylindrical wave front. 2,555,806, June 5.
Mitchell, Joe B., assignee: *See*—
McEwen, Floyd L.
Mitchell, John: *See*—
Powers, Robert E., and Mitchell.
Mitchell, John E., Company, assignee: *See*—
Mitchell, Orville.
Mitchell, Orville, and Freeman.
Mitchell, John P., Dallas, Tex. Photographic film developing and fixing apparatus. 2,551,892, May 8.
Mitchell, John T., Memphis, Tenn. Antiglare eye protective device. 2,556,433, June 12.
Mitchell, John W., Jamestown, N. Y. Bow forming and tying jig. 2,569,943, Oct. 2.
Mitchell, John W., Petts Wood, England. Luminous discharge tube. 2,567,491, Sept. 11.
Mitchell, Kathryn E., Boise, Idaho. Removable knee patches for pants. 2,568,083, Sept. 18.
Mitchell, Lee J., deceased, Independence, Mo., by M. M. Mitchell, widow and sole owner, Independence, Mo. Cot fastener for ambulances. 2,558,056, June 26.
Mitchell, Lester F., Shaker Heights, Ohio, assignor to Addressograph-Multigraph Corporation, Wilmington, Del. Key controlled printing machine. 2,555,148, May 29.
Mitchell, Lester F., Shaker Heights, Ohio, assignor to Addressograph-Multigraph Corporation, Wilmington, Del. Punching apparatus. 2,566,738, Sept. 4.
Mitchell, Lexie E., Owensboro, Ky. Multiple inlet drinking straw. 2,570,366, Oct. 9.
Mitchell Manufacturing Co., Tru-Ad Division, assignee: *See*—
Olsen, Robert E.
Mitchell, Melville J., Highland Park, Ill., assignor to International Harvester Company. Corn picker and husker with grain recovery device. 2,573,925, Nov. 6.
Mitchell, Melville J., Highland Park, Ill., assignor to International Harvester Company. Corn-shelling attachment for two-row corn pickers. 2,577,349, Dec. 4.
Mitchell, Mildred M.: *See*—
Mitchell, Lee J.
Mitchell, Orville, assignor to John E. Mitchell Company, Dallas, Tex. Pumping mechanism. 2,549,620, Apr. 17.
Mitchell, Orville, assignor to John E. Mitchell Company, Dallas, Tex. Safety device for vaporizers. 2,569,771, Oct. 2.
Mitchell, Orville, and W. P. Freeman, Jr., assignors to John E. Mitchell Company, Dallas, Tex. Vaporizer for fuel gases. 2,551,501, May 1.
Mitchell, Paul J., Jr., Griffin, Ga. Nut butter manufacture. 2,562,630, July 31.
Mitchell, Reginald G., Brighton, S. A. Hunn, Hassocks, R. G. Green, New Malden, England, and W. L. Ghijsen, Amsterdam, Netherlands, assignors to Shell Development Company, San Francisco, Calif. Bituminous composition. 2,574,930, Nov. 13.
Mitchell, Reginald P., Fort Worth, Tex. Movably mounted food support. 2,576,028, Nov. 20.
Mitchell, Reid L., assignor to Rayonier Incorporated, Shelton, Wash. Cellulose products. 2,542,285, Feb. 20.
Mitchell, Robert L.: *See*—
Dice, Henry K., and Mitchell.
Mitchell, Robert L., and W. T. McNair, Jr., Corpus Christi, Tex., assignors to Celanese Corporation of America, New York, N. Y. Propylene oxide purification process. 2,550,847, May 1.
Mitchell, Roger B., Louisburg, N. C. Portable fire escape. 2,576,531, Nov. 27.
Mitchell, Stanley: *See*—
Ritchie, Robert O., and Mitchell.
Mitchell, Victor: *See*—
Meczelski, Victor.
Mitchell, Walter G., Aurora, assignor to Independent Pneumatic Tool Company, Chicago, Ill. Impact tool. 2,575,523, Nov. 20.
Mitchell, Walter G., Aurora, assignor to Independent Pneumatic Tool Company, Chicago, Ill. Rotary tool. 2,575,524, Nov. 20.
Mitchell, Walter G., Aurora, assignor to Independent Pneumatic Tool Company, Chicago, Ill. Power operated screw stick screw driver. 2,575,525, Nov. 20.
Mitchell, Walter G., and L. P. Fosnot, Aurora, Ill., assignors to Independent Pneumatic Tool Company, Chicago, Ill. Impact tool. 2,564,224, Aug. 14.
Mitchell, Wilbert J., Moline, Ill. Safety razor. 2,573,980, Nov. 6.
Mitchell, Wiley D., Highgrove, Calif. Poultry water fountain. 2,573,802, Nov. 6.
Mitchell, Wilfred R., East Detroit, assignor to Crawford Door Company, Detroit, Mich. Sectional door construction. 2,557,753, June 19.
Miter King Company, assignee: *See*—
Hess, Robert E.
Mitnick, Meyer, New York, N. Y. Telephone supporting stand. 2,541,270, Feb. 13.
Mitnowsky, David, Newark, N. J. Electric mattress heater. 2,565,390, Aug. 21.
Mittag, Albert H.: *See*—
Alexanderson, Ernst F. W., Mittag, and Phillipi.
Mittag, Albert H., Schenectady, N. Y., assignor to General Electric Company. Misfire indication circuits for rectifiers. 2,544,345, Mar. 6.
Mittag, Albert H., Schenectady, N. Y., assignor to General Electric Company. Electric valve translating system. 2,572,648, Oct. 23.
Mittelmann, Eugene, Chicago, Ill. Oscillator. 2,540,275, Feb. 6.
Mittelmann, Eugene, Chicago, Ill. Constant frequency control for high-frequency heating apparatus. 2,545,296, Mar. 13.
Mittelmann, Eugene, Chicago, Ill. Oscillation frequency control. 2,545,297, Mar. 13.
Mittelmann, Eugene, Chicago, Ill. Rectifier. 2,545,298, Mar. 13.
Mittelmann, Eugene, Chicago, Ill., assignor to Sandvik Steel, Inc., New York, N. Y. Method and machine for making rubber coated steel belts. 2,545,370, Mar. 13.
Mittelmann, Eugene, Chicago, Ill. Milk pasteurization method and apparatus. 2,550,584, Apr. 24.
Mittelmann, Eugene, Chicago, Ill. High-frequency heating method and apparatus. 2,551,756, May 8.
Mittelmann, Eugene, Chicago, Ill. High-frequency heating. 2,551,757, May 8.
Mitten, Frank P., Redlands, Calif. Sign letter and support therefor. 2,539,152, Jan. 23.
Mitten, Frank P., Redlands, Calif. Molded sign character. 2,558,309, June 26.
Mitten, Raymond F., assignor to The Yoder Company, Cleveland, Ohio. Method of and apparatus for continuous flow densifiers. 2,570,367, Oct. 9.
Mittendorf, Harvey C., East Orange, N. J., assignor, by mesne assignments, to Combustion Engineering-Superheater, Inc. Steam superheat control by automatic and extended-range means. 2,575,885, Nov. 20.
Mitterway, Philip F., Prince Bay, N. Y., assignor to The S. S. White Dental Manufacturing Company. Braided driving belt. 2,549,382, Apr. 17.
Mittleburg, Solomon, Kew Gardens, N. Y. Disposable cart formed from wire. 2,579,392, Dec. 18.
Mixer, Harold P., Rockville Centre, assignor to Remington Rand Inc., New York, N. Y. Wiring unit. 2,550,079, Apr. 24.
Mixer, Harold P., Rockville Centre, assignor to Remington Rand Inc., New York, N. Y. Multiplying mechanism. 2,552,201, May 8.
Mixer, Harold P., Rockville Centre, assignor to Remington Rand Inc., New York, N. Y. Card-sorting machine. 2,552,202, May 8.
Mixsell, Ward T., Washington, D. C. Radial air compressor. 2,543,923, Mar. 6.
Mixson, Lawson W.: *See*—
Loane, Clarence M., and Mixson.
Miyakawa, Gene K., Baldwin Park, Calif. Bathtub formed with body rests. 2,566,495, Sept. 4.
Mize, George G.: *See*—
Covert, William V., and Mize.
Mizen, Carlton A., Cambridge, Mass., assignor to the United States of America as represented by the Secretary of War. Direction-finder system. 2,571,051, Oct. 9.
Mizer, Harry L.: *See*—
Shea, James B., and Mizer.
Mizim Manufacturing Company, assignee: *See*—
Ludwig, John.
Mizzy, Inc., assignee: *See*—
Reasenberg, Julian R.
Mládek, Bedřich, Liberec, Czechoslovakia. Transmission gear for large gear ratios. 2,547,165, Apr. 3.
Mladinich, Frank, New York, N. Y. Fruit juice extractor. 2,551,153, May 1.
Moard, Eric, assignor to Bevin Bros. Mfg. Co., East Hampton, Conn. Rotary bell. 2,554,046, May 22.
Moats, Scott M., Columbus, Ohio. Window scaffold. 2,560,122, July 10.
Moats, Scott M., Columbus, Ohio. Window scaffold. 2,560,123, July 10.
Moberg, Jerome E., Ellicottville, N. Y., assignor to A. E. Taylor, Detroit, Mich. Drawer containing cabinet. 2,539,963, Jan. 30.
Moberly, Charles W.: *See*—
Ackerman, Joseph, Jr., and Moberly.
Hillyer, John C., and Moberly.
Moburg, Harold W., trustee, assignee: *See*—
Hedenburg, Oscar F.
Mochel, John M., assignor to Corning Glass Works, Corning, N. Y. Making zircon refractory. 2,553,265, May 15.
Mochel, John M., assignor to Corning Glass Works, Corning, N. Y. Coated resistance. 2,564,706, Aug. 21.
Mochel, John M., assignor to Corning Glass Works, Corning, N. Y. Electrically conducting coatings on glass and other ceramic bodies. 2,564,707, Aug. 21.
Mochel, John M., assignor to Corning Glass Works, Corning, N. Y. Heat screen. 2,564,708, Aug. 21.
Mochel, John M., Louisville, Ky., assignor to Corning Glass Works, Corning, N. Y. Electrically conducting coating on glass and other ceramic bodies. 2,564,709, Aug. 21.

Mochel, John M., Louisville, Ky., assignor to Corning Glass Works, Corning, N. Y. Electrically conducting coating on glass and other ceramic bodies. 2,564,710, Aug. 21.
Mochel, John M., assignor to Corning Glass Works, Corning, N. Y. Electrically conducting coating on glass and other ceramic bodies. 2,564,987, Aug. 21.
Mochel, Walter E., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of polymetaphosphoric acid solutions from kurrol salts. 2,557,132, June 19.
Mochel, Walter E., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Producing polychloroprene. 2,567,117, Sept. 4.
Mock, Frank C.: *See*—
Schnaible, Albert P., and Mock.
Mock, Frank C., assignor to Bendix Aviation Corporation, South Bend, Ind. Carburetion system. 2,546,901, Mar. 27.
Mock, Frank C., South Bend, and E. G. Keller, Michigan City, assignors to Bendix Aviation Corporation, South Bend, Ind. Control for internal-combustion engines. 2,546,902, Mar. 27.
Mock, James C., Detroit, Mich. Track short-circuiting device. 2,556,733, June 12.
Mock, Wesley C., Jr., Olmsted Falls, Ohio. Antenna. 2,558,145, June 26.
Mockridge, Chester R., Nutley, assignor to Worthington Pump and Machinery Corporation, Harrison, N. J. Multiple variable orifice valve. 2,568,084, Sept. 18.
Mockrin, Isadore, Philadelphia, Pa., and A. E. Pavlish, Columbus, Ohio, assignors, by mesne assignments, to Holophane Company, Inc., New York, N. Y. Titana-containing silicate glass. 2,554,952, May 29.
Mockrin, Isadore, Philadelphia, Pa., and A. E. Pavlish, Columbus, Ohio, assignors, by mesne assignments, to Holophane Company, Inc., New York, N. Y. Zirconia-containing silicate glass. 2,566,134; Aug. 28.
Moco Products, Inc., assignee: *See*—
Von Stoeser, Walter.
Modderman, Helmer, assignor to Atlas Press Company, Kalamazoo, Mich. Slidably adjustable saw table guide fence. 2,556,548, June 12.
Modern Amusement, Incorporated, assignee: *See*—
Miller, Max G.
Modern Collet & Machine Company, assignee: *See*—
Firmin, Fred.
Modern Disposal Systems Inc., assignee: *See*—
Moore, Herbert.
Modern Equipment Company, assignee: *See*—
Richardson, John N.
Modern Plastic Machinery Corporation, assignee: *See*—
Tornberg, Henning T.
Modern Products Corporation, assignee: *See*—
Pattyn, Pierre P.
Modern Telephone Corporation, assignee: *See*—
Adler, Adolf E.
Ivens, Edgar.
Marks, Leonard V., and Briscomb.
Modern Tools, Incorporated, assignee: *See*—
Hauck, Harry J., and Highberg.
Highberg, George A., and Hauck.
Modglin Company, Inc., assignee: *See*—
Montero, Bruno.
Modigliani, Piero, Manhasset, assignor to Johns-Manville Corporation, New York, N. Y. Glass product and making the same. 2,546,230, Mar. 27.
Modigliani, Piero, Manhasset, assignor to Johns-Manville Corporation, New York, N. Y. Forming a multilayered mat of intercrossed filaments. 2,574,221, Nov. 6.
Modine Manufacturing Company, assignee: *See*—
Simpelaar, Clyde S.
Spieth, Benjamin.
Modrey, Henry J., Stanmore, England, assignor to Modrey Patents Corporation, County of Essex, N. J. Dishwashing, scouring, and polishing sink. 2,579,393, Dec. 18.
Modrey Patents Corporation, assignee: *See*—
Modrey, Henry J.
Modrovsky, Joseph: *See*—
Jewett, Charles S., and Modrovsky.
Moe, Andrew S., San Francisco, Calif. Automatic ball pitching machine. 2,574,408, Nov. 6.
Moe-Bridges Corporation, assignee: *See*—
Deutsch, Simon, and Manning.
Moe Brothers Manufacturing Company, assignee: *See*—
Eckert, George E., and McGinty.
Sayers, Frederick.
Moe, Clyde A., Sanford, J. S. Peake, Midland, and G. T. Sermon, Bay City, assignors to The Dow Chemical Company, Midland, Mich. Coating ferrous metals with magnesium and magnesium-base alloys. 2,550,709, May 1.
Moe, J. Edgar, assignor to The Bullard Clark Company, Danielson, Conn. Resilient roller. 2,572,276, Oct. 23.
Moe, Owen A.: *See*—
Warner, Donald T., and Moe.
Moe, Owen A., and D. T. Warner, Minneapolis, Minn., assignors to General Mills, Inc. Halogen substituted gamma, gamma-dicarbalkoxybutyraldehydes and process. 2,540,053, Jan. 30.
Moe, Owen A., and D. T. Warner, Minneapolis, Minn., assignors to General Mills, Inc. 4,4-dicarbalkoxybutenals and process. 2,540,054, Jan. 30.
Moe, Owen A., and D. T. Warner, Minneapolis, Minn., assignors to General Mills, Inc. Gamma nitro-gamma, gamma dicarbalkoxybutyraldehydes and process. 2,546,960, Apr. 3.
Moe, Owen A., and D. T. Warner, Minneapolis, Minn., assignors to General Mills, Inc. Production of alpha-amino, alpha-cyano glutaric acid compounds and certain alkyl derivatives. 2,551,566, May 1.
Moe, Robert E., Syracuse, N. Y., assignor to General Electric Company. Pulse delay circuit. 2,551,280, May 1.
Moe, Robert E., Syracuse, N. Y., assignor to General Electric Company. Reactance tube circuit. 2,556,883, June 12.
Moe, William W., Stratford, Conn., assignor to Time, Inc., New York, N. Y. Cathode compensated electronic tube circuit. 2,548,901, Apr. 17.
Moebes, August, Vallejo, Calif. Inner tube tester. 2,549,222, Apr. 17.
Moede, Jerome A.: *See*—
Marasco, Martin, Conrad, and Moede.
Moehl, Reno W.: *See*—
Webb, Glenn M., Moehl, and Murray.
Moehle, Frederick W., Attleboro, assignor to V. H. Blackinton & Co., North Attleboro, Mass. Scabbard. 2,538,424, Jan. 16.
Moehle, Frederick W., Attleboro, assignor to V. H. Blackinton & Co., Inc., North Attleboro, Mass. Sword. 2,544,563, Mar. 6.
Moehler, Otto J.: *See*—
Rabinow, David, and Moehler.
Moehler, Otto J., assignor to Conmar Products Corporation, Newark, N. J. Making separable end stop for slide fasteners. 2,577,855, Dec. 11.
Moehrl, Kenneth E., and C. B. Porter, Jr., assignors to Layne & Bowler, Incorporated, Memphis, Tenn. Cooling lubricating oil in submerged motors. 2,556,435, June 12.
Moeller, Constand A., Orange, assignor to United Aircraft Corporation, East Hartford, Conn. Blind flying indicator for rotary wing aircraft. 2,572,649, Oct. 23.
Moeller, George J., Altadena, Calif., assignor to A. Oberholtz, Los Angeles, Calif. Slide percussion tool. 2,572,370, Oct. 23.
Moeller, Max D.: *See*—
Rountree, Roy S., and Moeller.
Moeller, William A., Los Angeles, Calif. Expansible bedframe and the like. 2,544,274, Mar. 6.
Moeller, William P.: *See*—
Piperoux, Rene P., Moeller, and Hertz.
Moeller, William R., College Point, assignor to Superior Fire Equipment Corporation, New York, N. Y. Fire escape ladder. 2,548,843, Apr. 10.
Moen, Clarence, assignor to Moen Ladder Company, Inc., Spokane, Wash. Tube securing key. 2,567,522, Sept. 11.
Moen Ladder Company, Inc., assignee: *See*—
Moen, Clarence.
Moergeli, Eduard, Neuewelt, near Basel, assignor to Ciba Limited, Basel, Switzerland. Manufacture of monoaroylated 1:4-diamino-anthraquinones. 2,556,971, June 12.
Moergeli, Eduard, Neuewelt, Munchenstein, assignor to Ciba Limited, Basel, Switzerland. Acylamino-anthraquinone vat dyestuffs. 2,567,821, Sept. 11.
Moergeli, Eduard, Neuewelt, near Basel, assignor to Ciba Limited, Basel, Switzerland. Vat dyestuffs. 2,567,822, Sept. 11.
Moersch, George W.: *See*—
Wittle, Eugene L., and Moersch.
Moersch, George W., assignor to Parke, Davis & Company, Detroit, Mich. Preparation of phenylserinol. 2,538,792, Jan. 23.
Moersch, George W., assignor to Parke, Davis & Company, Detroit, Mich. Oxazoline compounds. 2,562,113, July 24.
Moersch, George W., and A. C. Moore, assignors to Parke, Davis & Company, Detroit, Mich. Oxazoline compounds. 2,562,114, July 24.
Moes, Paul E. C.: *See*—
McGowan, Michael E., and Moes.
Moessinger, Albert, assignor to Sulzer Freres, Societe Anonyme, Winterthur, Switzerland. Thread brake. 2,537,476, Jan. 9.
Mofenson, Jack, Medford, assignor to Raytheon Manufacturing Company, Newton, Mass. Interval measuring system. 2,560,124, July 10.
Moffat, Alexander W., assignor to Handling Devices Co., Inc., Boston, Mass. Adhesive applying apparatus. 2,564,493, Aug. 14.
Moffat, Alexander W., Boston, and W. E. Whitney, Belmont, assignors, by mesne assignments, to Materials Handling Laboratories, Inc., Boston, Mass. Adhesive applying machine. 2,564,492, Aug. 14.
Moffats Limited, assignee: *See*—
Rinaldo, Walter.
Moffett, Clyde H., assignor to Moffett Manufacturing Company, Albany, Calif. Load brake for hoists. 2,576,628, Nov. 27.
Moffett, Eugene W., Milwaukee, Wis., assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Wrinkle finishes. 2,548,388, Apr. 10.
Moffett, Eugene W., Milwaukee, Wis., assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Wrinkle finish composition. 2,551,386, May 1.

Moffett, Eugene W., and W. K. Hoya, Milwaukee, Wis., assignors to Pittsburgh Plate Glass Company, Allegheny County, Pa. Esters of unsaturated fatty acids and glycol ethers in copolymers of cyclopentadiene and unsaturated glyceride oils. 2,551,387, May 1.

Moffett, Frank E., Maywood, Ill., and H. L. Spence, East Cleveland, assignors to National Malleable and Steel Castings Company, Cleveland, Ohio. Journal box. 2,555,094, May 29.

Moffett, Frank W., Jr., Gates, N. Y. Pressure fluid operated apparatus for throwing heavy objects. 2,548,439, Apr. 10.

Moffett Manufacturing Company, assignee: *See*—
Moffett, Clyde H.

Moffett, Robert B.: *See*—
Goodson, Louis H., Moffett, Stafford, and Hoehn.

Moffett, Robert B., assignor to The Upjohn Company, Kalamazoo, Mich. 2-isopropylmethylaminoethyl ester of phenylcyclopentylacetic acid and salts thereof. 2,558,146, June 26.

Moffett, Robert B., Kalamazoo, Mich., and C. A. Hart, assignors to George A. Breon and Company, Kansas City, Mo. Alkamine esters of cyclopentylalkylacetic acids. 2,538,793, Jan. 23.

Moffett, Robert B., Kalamazoo, Mich., and C. A. Hart, assignors to George A. Breon and Company, Kansas City, Mo. Alkamine esters of Δ2-cyclohexenalkylacetic acids. 2,538,794, Jan. 23.

Moffett, Robert B., Kalamazoo, Mich., and C. A. Hart, assignors to George A. Breon and Company, Kansas City, Mo. Alkamine esters of Δ2-cyclopentenyl-Δ2-cyclohexenylacetic acid. 2,538,795, Jan. 23.

Moffett, Walter K., Flint, Mich., and C. J. Welz, Westfield, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Flash dry wood filler. 2,568,864, Sept. 25.

Mofussil Development Corporation Limited, The, assignee: *See*—
Weekes, Robert I.

Mog, Henry V.: *See*—
Adams, Cecil E., Blasutta, and Mog.

Mogavero, Giovanni F.: *See*—
Clements, Louis E., and Mogavero.

Mogensen, Eugene E., Bayside, N. Y. Portable typewriter carrying case. 2,545,742, Mar. 20.

Mogensen, Fredrik K., Djursholm, Sweden. Classifying or separating comminuted material according to size. 2,572,177, Oct. 23.

Mogensen, Harry T.: *See*—
Beecher, Alan R., and Mogensen.

Mogren, Eben F., Weaver, Minn. Animal trap. 2,562,809, July 31.

Mohawk Carpet Mills, Inc., assignee: *See*—
Crawford, Allan.
Crawford, John.
McKnight, Stewart.
Pollard, John R.
Shuttleworth, Howard L.
Underwood, Garfield J., and Ammerall.

Mohling, Gunther, Loudonville, and T. Y. Wilson, Albany, N. Y., assignors to Allegheny Ludlum Steel Corporation. Valve and turbine steels. 2,537,477, Jan. 9.

Mohn, Chester R., assignee: *See*—
Mohn, Robert P.

Mohn, Henry L., assignor to York-Shipley, Inc., York Pa. Heating system. 2,540,055, Jan. 30.

Mohn, Robert P., assignor to C. R. Mohn, Teaneck, N. J. Electrically actuated variable electric time switch. 2,553,829, May 22.

Mohney, Charles W., Oklahoma City, Okla., assignor to Phillips Petroleum Company. Positive vent for engines. 2,536,562, Jan. 2.

Mohns, Leslie F., Rockford, assignor to Borg-Warner Corporation, Chicago, Ill. Threaded locking device. 2,568,162, Sept. 18.

Mohr, Edgar H., Pensacola, Fla. Illuminated plastic advertising medium. 2,551,622, May 8.

Mohr, Joseph S., Chicago, Ill., assignor to General Refractories Company, Philadelphia, Pa. Open-hearth furnace roof construction. 2,577,428, Dec. 4.

Mohr Lino-Saw Company, assignee: *See*—
Woodliff, Paoli G.

Mohr, Milton E., Los Angeles, Calif., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Cathode-ray device. 2,576,029, Nov. 20.

Mohr, Milton E., New Providence, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Phase or frequency modulation system. 2,549,505, Apr. 17.

Mohr, Milton E., New Providence, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Selecting system. 2,564,125, Aug. 14.

Mohr, Milton E., New Providence, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Stabilized frequency-modulated multivibrator. 2,577,795, Dec. 11.

Mohr, Paul, Urbana, Ill., assignor to the United States of America as represented by the United States Atomic Energy Commission. Production of uranium peroxide. 2,551,543, May 1.

Mohr, Paul H.: *See*—
Audrieth, Ludwig F., and Mohr.

Mohr, Wilfred J.: *See*—
Cubberley, Richard H., Hill, and Mohr.

Moineau, Adele, administratrix: *See*—
Moineau, René J. L.

Moineau, Hector E., assignor to Marlboro Wire Goods Company, Marlborough, Mass. Portable electric lamp guard provided with a pivoted door. 2,580,359, Dec. 25.

Moineau, René J. L., deceased, Paris, France; A. Moineau, administratrix, assignor to Robbins & Myers, Inc., Springfield, Ohio. Spiral gear pump and allied device. 2,545,626, Mar. 20.

Moir, James, and W. S. Graff-Baker, Rugby, England, assignors to General Electric Company. Regulating system. 2,546,039, Mar. 20.

Moir, Robert B., and O. I. Stangeland, assignors to Foote Bros. Gear and Machine Corporation, Chicago, Ill. Casing structure for reduction drive units. 2,548,805, Apr. 10.

Moise, James E., Baton Rouge, La., assignor to Standard Oil Development Company. Preventing coke formation in pyrolysis of ketones. 2,537,687, Jan. 9.

Moist-R-Proof Container Co., assignee: *See*—
Denton, Harvey R.

Moisture Resister Company, assignee: *See*—
Hall, Elmer S., Smith, and McBrayer.

Mojonnier Bros. Co., assignee: *See*—
Cross, Joseph A.
Mojonnier, Julius J.
Mojonnier, Timothy and O. W.

Mojonnier Bros. Co., Inc., assignee: *See*—
Cross, Joseph A.

Mojonnier, Julius J., Winfield, assignor to Mojonnier Bros. Co., Chicago, Ill. Spray drying apparatus. 2,562,473, July 31.

Mojonnier, Oliver W.: *See*—
Mojonnier, Timothy and O. W.

Mojonnier, Timothy, Oak Park, and O. W. Mojonnier, River Forest, Ill., assignors to Mojonnier Bros. Co. Heat exchange receptacle. 2,545,371, Mar. 13.

Mojonnier, Timothy, Oak Park, and O. W. Mojonnier, River Forest, Ill., assignors to Mojonnier Bros. Co. Heat exchange receptacle. 2,568,653, Sept. 18.

Mojud Hosiery Co., Inc., assignee: *See*—
Myron, Burt.

Mol, Evert A. J.: *See*—
Beuckens, Jacobus, and Mol.

Molat, Joseph H.: *See*—
Riker, Robert T., and Molat.

Molat, Joseph H., Brooklyn, N. Y. Toggle bolt. 2,565,391, Aug. 21.

Molde, Luther S.: *See*—
Brunelle, Henry E., and Molde.

Molded Insulation Company, assignee: *See*—
Zillger, Arno.

Moldovan, Edward W., Lakewood, Ohio. Garden hose reel. 2,549,224, Apr. 17.

Moledzky, Sydney, Brooklyn, N. Y. Momentary control switch. 2,562,567, July 31.

Moler, Harvey T., Berkley, Mich. Fishhook. 2,540,276, Feb. 6.

Molex Products Co.: *See*—
Krehbiel, John H.

Molin, Armando D., New York, N. Y. Typewriter for typing music notes. 2,542,632, Feb. 20.

Molinari, Henry G., assignor to Becton Dickinson and Company, Rutherford, N. J. Glass forming machine. 2,552,108, May 8.

Molinari, Jeanne, Zurich, Switzerland. Shoulder bag. 2,552,443, May 8.

Molinari, Vittorio, Plainfield, and H. G. Affholter, Bound Brook, N. J., assignors, by mesne assignments, to Union Carbide and Carbon Corporation. Preparation of phenols. 2,578,823, Dec. 18.

Moline, Carl R., Homewood, assignor to American Steel Foundries, Chicago, Ill. Spring bolster truck. 2,568,201, Sept. 18.

Moline Tool Company, assignee: *See*—
Hunt, Wilson P.

Molins, Desmond W., assignor to Molins Machine Company Limited, London, England. Apparatus for collecting cigarettes from cigarette-making machines. 2,572,650, Oct. 23.

Molins, Desmond W., F. F. Ruau, and A. E. Francis, assignors to Molins Machine Company Limited, London, England. Apparatus for feeding cut tobacco. 2,579,950, Dec. 25.

Molins Machine Company Limited, assignee: *See*—
Chandler, Edward A.
Dearsley, George.
Harvey, Valentine P., and Powell.
Kemp, William J.
Molins, Desmond W.
Molins, Desmond W., Ruau, and Francis.
Ruau, Felix F.

Moliskey, Anthony, San Pedro, Calif., assignor to L. N. Moliskey and P. Major. Fluid pressure actuated lifting apparatus. 2,548,038, Apr. 10.

Moliskey, Leona N., assignee: *See*—
Moliskey, Anthony.

Moll, John L.: *See*—
Malter, Louis, and Moll.

Moller, Carl H., Youngstown, Ohio. Screen for eave troughs. 2,542,155, Feb. 20
Møller, Bent, and E. B. Nimskov, Copenhagen, Denmark. Concrete projection apparatus. 2,565,696, Aug. 28.
Moller, Fredrik A., assignee: *See*—
Bertram, Simon H.
Moller, Poul, Copenhagen, Denmark, assignor to F. L. Smidth & Co., New York, N. Y. Airswept rotary mill or drum having separate discharge means for air and ground material. 2,549,919, Apr. 24.
Mollis, Charles L., Los Angeles, Calif. Shuttle stitcher for forming a single thread lock stitch. 2,549,839, Apr. 24.
Mollis, Charles L., Los Angeles, Calif. Stitching device. 2,558,873, July 3.
Mollring, Gilman B., Los Angeles, Calif. Asphalt pelletizer. 2,562,149, July 24.
Mollring, Gilman B., Los Angeles, Calif. Binary asphaltic particles. 2,572,744, Oct. 23.
Molnar, Imre, assignor to Automatic Electric Laboratories, Inc., Chicago, Ill. Automatic director telephone system. 2,554,115, May 22.
Molnar, Imre, assignor to Automatic Electric Laboratories, Inc., Chicago, Ill. Automatic telephone system employing finder switches for connecting calling lines to numerical switches. 2,557,388, June 19.
Molnar, Imre, assignor to Automatic Electric Laboratories, Inc., Chicago, Ill. Carrier current telephone system. 2,559,165, July 3.
Moloney, Raymond T., assignee: *See*—
Breitenstein, Charles T.
Caldwell, Albert E.
Henry, Earle G.
Nicolaus, Frank G.
Nicolaus, Frank G., Burnside, and Nelson.
Pearl, Donald, and Seiden.
Seiden, Herman L.
Von Stoeser, Walter.
Molotzak, George C., Coaldale, Pa. Electric igniter for solid fuel. 2,540,277, Feb. 6.
Molotzak, George C., Coaldale, Pa. Solid fuel igniting device responsive to furnace temperatures. 2,540,278, Feb. 6.
Molotzak, George C., Coaldale, Pa. Self-lubricating drive mechanism. 2,553,104, May 15.
Molton, Howard R., Chicago, Ill., assignor, by mesne assignments, to Raytheon Manufacturing Company, Newton, Mass. Tone arm and support therefor. 2,541,430, Feb. 13.
Molyneux & Aspinwall, Inc., assignee: *See*—
Molyneux, Cecil P.
Molyneux, Cecil P., Hampton Bays, assignor to Molyneux & Aspinwall, Inc., Flushing, N. Y. Welding mask. 2,548,230, Apr. 10.
Molyneux, Gladys: *See*—
La Lande, William A., Jr., Aeugle, and Molyneux.
Monahan, John C., Detroit, Mich. Seal. 2,557,835, June 19.
Monarch Aluminum Mfg. Company, assignee: *See*—
Keating, John H.
Monarch Machine Tool Co., The, assignee: *See*—
Bickel, Clifford A.
Bickel, Clifford A., Brandenburg, and Foster.
Brandenburg, Stanley A.
Evans, Raymond B., and Greene.
Greene, Claude E., and Lesher.
Lauterbur, Raymond A., and Doll.
Monarch Manufacturing Works, Inc., assignee: *See*—
Murphy, Thomas W.
Monark Silver King, Inc., assignee: *See*—
Henry, Harry H.
Monath, Alfred M., London, England. Molding articles having as binder vegetable-tanned leather and resulting article. 2,543,925, Mar. 6.
Monchamp, George E.: *See*—
Packer, Lewis C., and Monchamp.
Mondy, Peter, Detroit, Mich. Adjustable seat support for chairs. 2,543,924, Mar. 6.
Mondy, Peter, assignor to Burroughs Adding Machine Company, Detroit, Mich. Tilting back chair. 2,563,951, Aug. 14.
Mondy, Peter, assignor to Burroughs Adding Machine Company, Detroit, Mich. Adjustable back rest for chairs. 2,577,089, Dec. 4.
Money, Benjamin F.: *See*—
MacLean, John A., Jr., and Money.
Money, Lloyd J.: *See*—
Dobler, Lee R., and Money.
Money, Roland H., Mount Healthy, assignor to Artkraft Manufacturing Corporation, Lima, Ohio. Compartmented refrigerator door. 2,576,691, Nov. 27.
Moneypenny, Harold K., Codsall, G. H. Townend, Bilbrook, Wolverhampton, and F. Beardsmore, Brierley Hill, assignors to Guest Keen & Nettlefolds Limited, London, England. Deflecting switch means for chutes. 2,572,745, Oct. 23.
Mong, Edgar W., Los Angeles, Calif. Well pumping apparatus involving a sucker rod. 2,536,982, Jan. 2.
Mongan, Charles E., Jr., Hartford, and D. W. Mueller, West Hartford, Conn., assignors to Emhart Manufacturing Company. Apparatus for handling and tempering glassware. 2,561,529, July 24.
Monge, Jean R. B., Paris, France. Manual or power-operated planetary transmission. 2,553,465, May 15.
Mongelli, Charles: *See*—
Mongelli, John and C., and Bender.
Mongelli, Charles and J., Washington, D. C. Watch repairman's work holder. 2,549,325, Apr. 17.
Mongelli, John: *See*—
Mongelli, Charles and J.
Mongelli, John and C., and F. Bender, Washington, D. C. Lathe and motor mount. 2,572,506, Oct. 23.
Monitor Controller Company, The, assignee: *See*—
Frese, Joseph F.
Monitor Process Corporation, assignee: *See*—
Tamminga, William.
Monk, Frederick A., Scarboro Post Office, Ontario, Canada. Magazine for multigraph machines or the like. 2,550,160, Apr. 24.
Monk, George S., assignor to Chicago Aerial Survey Co., Chicago, Ill. View finder and drift sight. 2,578,013, Dec. 11.
Monmouth Laboratories, Inc., assignee: *See*—
Cassell, Joseph L.
Levy, Sol J.
Monner Gun Corporation, assignee: *See*—
Monner, Ray J.
Monner, Ray J., Moline, Ill., assignor to Monner Gun Corporation, Denver, Colo. Gas operated gun. 2,554,116, May 22.
Monnia, Eugene F., Scranton, assignor to Selectronics, Inc., Carlisle, Pa. Lubricated spinning spindle. 2,555,358, June 5.
Monnier Brothers, Inc., assignee: *See*—
Brush, Corning S.
Monogram Models, Inc., assignee: *See*—
Reder, Robert.
Monomelt Co., Inc., assignee: *See*—
Bickelhaupt, George B., Jr.
Monopower Corporation, The, assignee: *See*—
Aspinwall, Robert B.
Monroe Auto Equipment Company, assignee: *See*—
Kivell, William J.
Lietaert, Harold E.
Smith, Charles J.
Spiess, Roy G., Jr., and Read.
White, Glen L., and Read.
Monroe Calculating Machine Company, assignee: *See*—
Britten, Edwin F., Jr.
Fleming, Howard M.
Gang, Herman.
Hilder, Stuart.
Monroe, George S.: *See*—
Ipatieff, Vladimir N., and Monroe.
Monroe, Harry C., Baltimore, Md., assignor to Koppers Company, Inc., Pittsburgh, Pa. Flexible coupling. 2,565,776, Aug. 28.
Monroe, Mayer G., and P. Haberfeld, assignors to Jantzen Knitting Mills Inc., Portland, Oreg. Men's athletic trunks. 2,565,082, Aug. 21.
Monroe, Robert C., and L. Y. McClement, New York, N. Y. Cleaning device of the releasable swab type. 2,572,178, Oct. 23.
Monroe, Thomas D., assignor to Redmond Company, Inc., Owosso, Mich. Electrical connection. 2,574,277, Nov. 6.
Monroy, Florentin A. F.: *See*—
Huc, Marcel R. E., Roudaire, and Monroy.
Monsanto Chemical Company, assignee: *See*—
Anderson, Robert J.
Baer, Massimo.
Baker, Bruce E., Brickman, and Ryan.
Barkhuff, Raymond A., Jr.
Barkhuff, Raymond A., Jr., and Debing.
Barrett, Gerald R.
Basdekis, Costas H.
Bischoff, George H.
Blake, Edward S.
Blake, Edward S., and Durland.
Buchanan, George R., Jr.
Bump, Charles K., and Park.
Butler, John M.
Boyd, Thomas.
Boyd, Thomas, and Lucht.
Chapin, Earl C., and Ham.
Cohen, Oscar P.
Colwell, Robert E.
Comte, Frederick.
Connelly, Robert V.
Cowell, Elmer E., and Darby.
Darby, Joseph R.
Dazzi, Joachim.
Debing, Lawrence M.
Debing, Lawrence M., and Huck.
Deebel, George F.
De Garmo, Oliver.
Dunlop, Richard D.
Eaker, Charles M.
Eaker, Charles M., and Zienty.
Eisen, John B.
Ellenburg, Arthur M.
Emerson, William S., and Heimsch.
Emerson, William S., and Longley.
Emerson, William S., and Patrick.
Emerson, William S., and Shafer.
Emerson, William S., Shafer, and Heimsch.
Fantl, Joel.

Monsanto Chemical Company, assignee: *See*—Continued.
Field, Walter E.
Fincke, John K.
Fitz Simons, Ogden.
Fraser, George L.
Fraser, George L., and Park.
Gluesenkamp, Earl W.
Gamrath, Harry R., and Craver.
Gamrath, Harry R., and Weesner.
Godfrey, Kenneth L.
Golick, Alexander J., and Mass.
Gray, Howard A.
Grove, George H.
Ham, George E.
Ham, George E., and Mowry.
Hamm, Philip C.
Hardy, Edgar E.
Hardy, Edgar E., and Slocombe.
Harman, Marion W.
Harris, Jay C.
Harris, Jay C., and Kosmin.
Harris, John S.
Heider, Rudolph L.
Hill, Rutherford B.
Hochwalt, Carroll A.
Hood, Ralph S.
Hubbard, Harold L.
Hunt, Richard H., Jr., and Malinowski.
Jackson, Elwood F.
Jenkins, Russell L.
Jones, Otha C.
Kennelly, Reginald G.
Klein, Louis E.
Kosmin, Milton.
Kosolapoff, Gennady M.
Kyrides, Lucas P.
Kyrides, Lucas P., and Zienty.
Lefforge, John W.
Linde, Fredrick A.
Malinowski, Theodore P.
Malone, Rogers W., Jr.
Malowan, John E.
Marling, Paul E.
Masin, Jacob S., and Allen.
McCarthy, Justin J., and Harrison.
Mills, Charles L., Jr., and Butler.
Morgan, William M.
Morneri, Richard R., and Mowry.
Mowry, David T.
Mowry, David T., and Ham.
Mowry, David T., and Morner.
Mowry, David T., and Piesbergen.
Mowry, David T., and Ringwald.
Mowry, David T., and Seymour.
Myers, Raymond R.
Niles, George E.
Norris, Forrest H.
Park, Harold F.
Park, Harold F., and Walter.
Reese, Francis E.
Richard, William R.
Rossin, Elmer H.
Samaras, Nicholas N. T.
Schlesinger, Arthur H., and Mowry.
Scott, Milton J., and Jackson.
Scott, Milton J., Jackson, and Basdekis.
Seymour, Raymond B.
Shafer, Theodore C., and Longley.
Sibley, Robert L.
Sido, George R.
Smith, Franklin D.
Smith, Franklin D., and Harris.
Somogyi, Erwin G.
Steahly, George W.
Towne, Robert W.
Trail, Henry S.
Walter, Henry A.
Weesner, William E.
Wenner, Ralph R.
West, James L., Jr.
Wood, Horace, Jr.
Zerbe, Richard O.
Zienty, Ferdinand B.
Zienty, Ferdinand B., and Harvey.

Monsen, Gordon L., Chicago, Ill. Contact printing device. 2,553,421, May 15.

Monserrat, Enrique, Manila, P. I. Display apparatus. 2,545,103, Mar. 13.

Monson, Alon A., Livingston, Mont. Cable controlled dump box. 2,548,613, Apr. 10.

Montague, Gerald C., Urbana, Ohio. Motor block attaching means for motor stands. 2,568,508, Sept. 18.

Montague, Hubert H., Traverse City, Mich. Mowing machine handle. 2,545,585, Mar. 20.

Montague, John R., Toronto, Ontario, Canada, assignor to L. S. Wertz, Cleveland Heights, Ohio. Pile structure and making same. 2,555,359, June 5.

Montanari, Vittorio: *See*—
Mosso, Angelo, and Montanari.

Montani, Angelo, Woodhaven, N. Y., assignor to Automatic Electric Laboratories, Inc., Chicago, Ill. High-frequency generator. 2,554,117, May 22.

Montani, Angelo, Woodhaven, N. Y., assignor to Automatic Electric Laboratories, Inc., Chicago, Ill. Space discharge device having grid of varying electron transparency. 2,557,390, June 19.

Montani, Angelo, Woodhaven, N. Y., assignor to Automatic Electric Laboratories, Inc., Chicago, Ill. Time-division multiplex system wherein the duration of each received sample is effectively increased. 2,578,083, Dec. 11.

Montano, Domenico, Gloversville, N. Y. Fisherman's pole rest. 2,566,496, Sept. 4.

Montante, Armand, assignee: *See*—
Svirsky, Bennett.

Montavon, Paul A., assignor to L. R. George, De Kalb, Ill. Fork. 2,537,365, Jan. 9.

Montcalm, Surrius R., assignor to Ferris Instrument Laboratories, Boonton, N. J. Electrical alternating current generation. 2,578,575, Dec. 11.

Montclair Research Corporation, assignee: *See*—
Hessel, Frederick A., and Canfield.
Hessell, Frederick A., and Rust.
Joy, Homer van B.
MacKenzie, Charles A.
MacKenzie, Charles A., and Schoffman.
Rust, John B.
Rust, John B., and Canfield.
Rust, John B., and MacKenzie.
Rust, John B., and Spialter.

Monte, José M., assignee: *See*—
Pinto, Frank.

Montecatini Societa Generale Per L'Industria Mineraria E Chimica Anonima, assignee: *See*—
Sciacca, Franco, and Notarbartolo.

Montelius, Carl O. J., assignor to Aktiebolaget Imo-Industri, Stockholm, Sweden. Screw compressor. 2,578,196, Dec. 11.

Montero, Bruno, assignor to Modglin Company, Inc., Los Angeles, Calif. Making fibers. 2,544,763, Mar. 13.

Monteverde, Harry J., Maspeth, N. Y. Relief valve for steam radiators. 2,561,878, July 24.

Montey, Emanuel, Benton Harbor, Mich. Machine for sharpening lawn mowers. 2,552,994, May 15.

Montgomerie, John A., Cambuslang, Scotland, assignor to Chemical Manufacturing Company, Dublin, Eire. Coating of paper. 2,566,529, Sept. 4.

Montgomery, Alan Y., Brighton, Victoria, Australia. Device for applying emasculating rings. 2,561,286, July 17.

Montgomery, Andrew P., assignor to Philco Corporation, Philadelphia, Pa. Deflection circuit for cathode-ray tubes. 2,561,586, July 24.

Montgomery, Arthur V., Sinton, Tex. Boat trailer and loading and unloading means therefor. 2,536,563, Jan. 2.

Montgomery, Charles W.: *See*—
Gilbert, William I., and Montgomery.
Riethof, George, Montgomery, and Brown.

Montgomery, Charles W., Oakmont, assignor to Gulf Research & Development Company, Pittsburgh, Pa. Low-pressure hydrogenation process. 2,561,530, July 24.

Montgomery, Charles W., and W. I. Gilbert, Oakmont, and S. M. Hazen, Indiana Township, Allegheny County, assignors to Gulf Research & Development Company, Pittsburgh, Pa. Hydrodesulfurization of petroleum hydrocarbons. 2,559,457, July 3.

Montgomery, Charles W., and W. I. Gilbert, Oakmont, and R. E. Kline, Penn Township, Allegheny County, assignors to Gulf Research & Development Company, Pittsburgh, Pa. Preparing polymeric lubricating oils. 2,559,984, July 10.

Montgomery, Charles W., and G. L. Sumner, Oakmont, Pa., and L. Berg, Bozeman, Mont., assignors to Gulf Research & Development Company, Pittsburgh, Pa. Catalytic isomerization of olefinic hydrocarbons. 2,568,964, Sept. 25.

Montgomery, Charles W., and W. I. Gilbert, Oakmont, and R. E. Kline, Penn Township, Allegheny County, assignors to Gulf Research & Development Company, Pittsburgh, Pa. Coal acid esters as synthetic lubricants. 2,568,965, Sept. 25.

Montgomery, Clarence G., North Granby, Conn. Preselection time control device. 2,547,960, Apr. 10.

Montgomery, Donald H., West Hartford, Conn. Gear-shifting mechanism. 2,543,927, Mar. 6.

Montgomery, Donald H., West Hartford, assignor to The New Britain Machine Company, New Britain, Conn. Extendible stock feed mechanism. 2,555,753, June 5.

Montgomery, Donald H., West Hartford, assignor to The New Britain Machine Company, New Britain, Conn. Turning tool. 2,557,454, June 19.

Montgomery, Earle T.: *See*—
Eisner, Benjamin, Everhart, and Montgomery.

Montgomery, Edna M., Peoria Heights, and F. B. Weakley, Peoria, Ill., assignors to the United States of America as represented by the Secretary of Agriculture. Separation and fractionation of sugars. 2,549,840, Apr. 24.

Montgomery Elevator Company, assignee: *See*—
Green, Joseph F.

Montgomery, Fred A., Cleveland, Ohio. Hydraulic shock absorber. 2,538,375, Jan. 16.

Montgomery, Gertrude S., Scarsdale, N. Y. Jacketing, particularly for packets of disposable tissues. 2,574,345, Nov. 6.

Montgomery, Gordon, Wexford, assignor to Miller Printing Machinery Co., Pittsburgh, Pa. Inking mechanism. 2,561,399, July 24.
Montgomery, Henry M., Wichita, Kans. Wire stretcher device. 2,563,129, Aug. 7.
Montgomery, James T., Overton, Tex. Power control switch for pumping wells. 2,572,372, Oct. 23.
Montgomery, James W., Sr., Duluth, Minn. Fish stringer. 2,563,480, Aug. 7.
Montgomery, Julius, assignor to Shepherd Brothers Spread Company, Calhoun, Ga. Chenille sewing machine. 2,540,901, Feb. 6.
Montgomery, Julius, Calhoun, Ga., assignor of thirty-five per cent to Shepherd Brothers Spread Company. Chenille sewing machine. 2,573,043, Oct. 30.
Montgomery, W. G., assignee: *See*—
Bell, Andrew F.
Montgomery, William H., Roswell, N. Mex. Sliding jaw type rack adjusted wrench. 2,539,964, Jan. 30.
Montgomery, William J., assignor to The Champion Paper and Fibre Company, Hamilton, Ohio. Coating paper. 2,568,288, Sept. 18.
Montmarquet, Francis H., Little Falls, N. J. Athletic supporter. Re. 23,334, Jan. 23.
Montonna, Ralph E.: *See*—
Coulter, Samuel T., Montonna, and Kitzes.
Montour, Arthur H., assignor, by mesne assignments, to Skarnes Engineering & Supply, Inc., Minneapolis, Minn. Load lifting and transporting apparatus. 2,548,806, Apr. 10.
Montreal Lithographing Company Limited, The, assignee: *See*—
Hood, Stewart.
Montreal Trust Company, executor: *See*—
Watts, Albert E.
Montrose-Oster, Louis E. W., Brussels-Boitsfort, Belgium, assignor of one-half to Pollopas Patents Limited, London, England. Arrangement for detecting, measuring, or directly using for control purposes, the derivatives of space. 2,551,502, May 1.
Montrose-Oster, Louis E. W., Brussels, Belgium, assignor of one-half to Pollopas Patents Limited, London, England. Suspension system for vehicles. 2,563,261, Aug. 7.
Montross, Eugene E.: *See* —
Stott, Louis L., and Montross.
Monty, Leo J., Reading, Mass., assignor to Goodall-Sanford, Inc., Sanford, Maine. Electrostatic sheet-perforating machine. 2,553,203, May 15.
Moody, Alton B.: *See*—
Waller, George W. D., and Moody.
Moody, Arthur C., Calera, Okla. Cotton cleaner. 2,549,223, Apr. 17.
Moody, Dale M., Tulsa, Okla. Engine starter. 2,553,930, May 22.
Moody, Edward S., Riverside, Calif. Delayed gripper action attachment. 2,570,699, Oct. 9.
Moody, George E., Glendale, Calif. Flow control system. Re. 23,324, Jan. 9.
Moody, John L.: *See*—
Hopkins, George W., and Moody.
Moody, Keith H., Duluth, Minn., assignor to The American Steel & Wire Company of New Jersey. Operating open-hearth furnaces. 2,550,848, May 1.
Moody, Leroy S., Pittsfield, Mass., assignor to General Electric Company. Polysilthianes. 2,567,724, Sept. 11.
Moody, Norman F.: *See*—
Williams, Frederic C., and Moody.
Moody, Norman F., Aldwych, London, England, assignor to International Standard Electric Corporation, New York, N. Y. Time base circuits for oscillographs. 2,561,066, July 17.
Moomaw, Lewis H., Great Neck, assignor to de Jur-Amsco Corporation, Long Island City, N. Y. Motion-picture projector transmission. 2,578,082, Dec. 11.
Moomaw, Lewis H., Great Neck, and F. A. Lunzer, New York, assignors to DeJur-Amsco Corporation, Long Island City, N. Y. Camera fade-out indicator. 2,557,389, June 19.
Moon, Herbert, E., London, England. Manufacture of dolomite bricks. 2,567,077, Sept. 4.
Moon, Howard R., Cuyahoga Falls, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. V-belt. 2,554,917, May 29.
Moon, Jacob R., Columbus, Ga. Vaporizing type oil burner unit. 2,543,044, Feb. 27.
Moon, James: *See*—
Wagner, Edmond M., and Moon.
Moon, James, Altadena, assignor to Signal Oil and Gas Company, Los Angeles, Calif. Spinning head. 2,536,304, Jan. 2.
Moon, James, Altadena, assignor to Signal Oil and Gas Company, Los Angeles, Calif. Portable marine structure. 2,539,695, Jan. 30.
Moon, James, Altadena, assignor to Western Oil Tool & Engineering Co. Inc., Hollydale, Calif. Automatic latch mechanism for portable extension masts. 2,565,777, Aug. 28.
Moon, John M., Evanston, assignor to Signode Steel Strapping Company, Chicago, Ill. Load retaining strip. 2,559,783, July 10.
Moon, John M., Evanston, assignor to Signode Steel Strapping Company, Chicago, Ill. Multiple load-binder anchor. 2,570,368, Oct. 9.
Moon, Lewis B., Mechanicsburg, Pa., assignor to Sinclair Refining Company, New York, N. Y. Fluid propelled pipe-line brush. 2,552,339, May 8.
Moon, Sterling C., Worthington, Ohio, assignor to The Jeffrey Manufacturing Company. Hydraulic engine cooling and lubricating system and apparatus. 2,554,047, May 22.
Mooney, Cloise L., Baton Rouge, La., assignor to Kaiser Aluminum & Chemical Corporation. Recovery of alumina from alumina-containing ores. 2,559,653, July 10.
Mooney, Joseph A., Paterson, N. J. Accordion stand. 2,580,120, Dec. 25.
Mooney, Thomas F., New Lexington, Ohio, and D. H. Innes, Matawan, N. J., assignors to Owens-Illinois Glass Company. Deaerating and dispensing slurry. 2,570,835, Oct. 9.
Mooney, Thomas J., Perth Amboy, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Production of furan derivative. 2,572,371, Oct. 23.
Mooradian, Aram: *See*—
Lawson, Elmer J., Cavallito, and Mooradian.
Lucas, Philip, Clarke, and Mooradian.
Mooradian, Aram, Troy, E. J. Lawson, East Greenbush, and C. M. Suter, Albany, N. Y., assignors to Sterling Drug Inc., Wilmington, Del. Lower alkylmercaptoalkanoates of hydroxylated hormones and producing same. 2,547,961, Apr. 10.
Moore, Alan E.: *See*—
Robson, William S., and Moore.
Moore, Albert J., Union, assignor to The Thomas & Betts Co., Elizabeth, N. J. Hot line connector. 2,574,796, Nov. 13.
Moore, Allen C.: *See*—
Moersch, George W., and Moore.
Moore, Allen C., Grosse Pointe Woods, assignor to Parke, Davis & Company, Detroit, Mich. 1-nitrophenyl-2-acylamino-1,3-propanediol acetals. 2,568,555, Sept. 18.
Moore, Arthur F.: *See*—
Moore, Gregg R. and A. F.
Moore, Arthur H., assignor to Tide Water Associated Oil Company, Bayonne, N. J. Valve turning tool. 2,539,262, Jan. 23.
Moore, Bennett J.: *See*—
Isherwood, Henry G., and Moore.
Moore, Bertram A., Toronto, Ontario, Canada. Bundle binder. 2,564,442, Aug. 14.
Moore Business Forms, Inc., assignee: *See*—
Bright, Maxel L.
Hageman, Louis F., and Manuel.
Mabon, Carl R., and Hageman.
St. John, Kenneth R.
Moore, Cecil W.: *See*—
Lowenthal, Julius, and Moore.
Moore, Charles S., Cleveland, and D. Novik, Shaker Heights, Ohio. Impinging-jet fuel-spray bar. 2,562,936, Aug. 7.
Moore, Chester C., Aurora, Ill., assignor to Stephens-Adamson Mfg. Co. Apparatus for polishing ball races. 2,551,961, May 8.
Moore, Clarence C., Elkhart, Ind. Antenna. 2,537,191, Jan. 9.
Moore, Clyde M., Richmond, Va. Signaling device. 2,565,980, Aug. 28.
Moore, Coleman B., Carroll Park, assignor to Moore Products Co., Philadelphia, Pa. Pneumatic control apparatus. 2,556,436, June 12.
Moore Company, The, assignee: *See*—
Elder, Charles J.
White, Calvin F.
Moore, David J., Chicago, Ill. Food container. 2,540,342, Feb. 6.
Moore, David W., Jr., New York, N. Y., assignor to Fairchild Camera and Instrument Corporation. Elastic-fluid temperature-responsive system. 2,549,621, Apr. 17.
Moore, David W., Jr., New York, N. Y., assignor to Fairchild Camera and Instrument Corporation. Pneumatic temperature-responsive apparatus. 2,549,623, Apr. 17.
Moore, David W., Jr., New York, N. Y., assignor to Fairchild Camera and Instrument Corporation. Pneumatic temperature-responsive apparatus. 2,549,624, Apr. 17.
Moore, David W., Jr., New York, N. Y., assignor to Fairchild Camera and Instrument Corporation. Pneumatic temperature-responsive apparatus. 2,549,625, Apr. 17.
Moore, David W., Jr., New York, and A. G. Nash, Garden City, N. Y., assignors to Fairchild Camera and Instrument Corporation. Pneumatic temperature-responsive apparatus. 2,549,622, Apr. 17.
Moore, Dewey R., Dallas, Tex. Pipe holding device. 2,576,803, Nov. 27.
Moore, Donovan M.: *See*—
Williams, Arthur G., and Moore.
Moore, Donovan M., assignor to Isometric Projections Limited (formerly Perspector Limited), Bristol, England. Perspective drafting machine. 2,559,222, July 3.
Moore Dry Dock Company, assignee: *See*—
Alciati, Charles J., and Andersen.
Moore, E. R., Company, assignee: *See*—
Minns, Elbert W.

Moore, Edmond E. and M. B., Waukegan, assignors to Abbott Laboratories. North Chicago, Ill. Pharmaceutical intermediates. 2,543,187, Feb. 27.

Moore, Edmund W.: *See*—
Field, Oscar S., Moore, and Craig.
Kirchmeyer, Frederick J., and Moore.
March, Bernice, and Moore.

Moore, Edmund W., assignor to General Railway Signal Company, Rochester, N. Y. Light signal for railroads. 2,576,849, Nov. 27.

Moore, Edward C., Uniontown, Ala. Electric fan. 2,542,204, Feb. 20.

Moore, Edward E., Yonkers, assignor to Stein, Hall & Company, Inc., New York, N. Y. Water-resistant adhesive. 2,544,714, Mar. 13.

Moore, Emmett B., Evanston, Ill. Coffee pot. 2,562,433, July 31.

Moore Fabric Company, assignee: *See*—
Schiappa, Anthony.

Moore, Frank E., Meriden, Conn. Citrus fruit peeler. 2,549,326, Apr. 17.

Moore, Frank L., assignor to The Gray Manufacturing Company, Hartford, Conn. Sound recording and reproducing head. 2,563,860, Aug. 14.

Moore, Garnett V., and C. R. Irons, assignors to The Dow Chemical Company, Midland, Mich. Container for and process of preserving perishable foodstuffs. 2,538,025, Jan. 16.

Moore, George A., assignor to National Biscuit Company, New York, N. Y. Package. 2,541,173, Feb. 13.

Moore, George A., New York, N. Y., assignor to Reynolds Metals Company, Richmond, Va. Merchandise container having opening means. 2,552,340, May 8.

Moore, George C., Company, assignee: *See*—
Siciliano, Samuel F.

Moore, George E., assignor to Manning, Maxwell & Moore, Inc., Muskegon Heights, Mich. Hoisting machine. 2,545,892, Mar. 20.

Moore, George E., assignor to Manning, Maxwell & Moore, Inc., Muskegon Heights, Mich. Governed lowering power winch. 2,546,863, Mar. 27.

Moore, George E., assignor to Manning, Maxwell & Moore, Inc., Muskegon Heights, Mich. Power-driven friction winch. 2,574,981, Nov. 13.

Moore, George N., assignee: *See*—
Ravoire, René.

Moore, George W., Hollis, N. Y. Core assembly for clay modeling. 2,545,210, Mar. 13.

Moore, George W., Hollis, N. Y. Table easel. 2,568,354, Sept. 18.

Moore, George W., Long Beach, Calif. Slip actuator for rotary drilling machines. 2,545,627, Mar. 20.

Moore, George W., Long Beach, Calif. Hydraulic type fishing tool for drilled wells. 2,550,080, Apr. 24.

Moore, George W., Twin Falls, Idaho. Combined scraper and cutter. 2,578,896, Dec. 18.

Moore, Goodloe E., Danville, Ill. Flange clamp support. 2,536,386, Jan. 2.

Moore, Gregg R. and A. F., Elkhart, Ind. Rug sizing device. 2,563,544, Aug. 7.

Moore, Hamilton K., St. Louis, Mo. Convertible airplane and helicopter. 2,580,312, Dec. 25.

Moore, Harold G.: *See*—
Lichtenfels, Ira W., and Moore.

Moore, Harry W., Dayton, Ohio. Multiple chuck coil winding machine. 2,557,677, June 19.

Moore, Harvey G., Rochester, N. Y., assignor to A. D. Karpoff, Boston, Mass., doing business as American Muffler Co. Carburetor choke mechanism. 2,577,260, Dec. 4.

Moore, Helen N.: *See*—
De Becze, George I., Moore, and Schraffenberger.

Moore, Helen S. (now by marriage): *See*—
Sorensen, Edward M.

Moore, Henry H., Austin, Tex. Loose-leaf post binder. 2,570,966, Oct. 9.

Moore, Henry T., Greenfield, Mass. Wood planer. 2,577,975, Dec. 11.

Moore, Herbert, assignor to Modern Disposal Systems, Inc., Milwaukee, Wis. Waste-disposal system. 2,563,262, Aug. 7.

Moore, Howard R., Drexel Hill, Pa. Apparatus for determining thermal stability of materials. 2,551,624, May 8.

Moore, Howard R., Drexel Hill, Pa. Compressed gas bomb. 2,578,726, Dec. 18.

Moore, Inc., assignee: *See*—
Mercier, Ernest.
Mercier, Ernest, and Ehlinger.
Mercier, Ernest F. and P. E.

Moore, Jackson A.: *See*—
Markwood, Paul W., and Moore.

Moore, James A.: *See*—
Wagner, Romeo B., and Moore.

Moore, James R., Washington, D. C., assignor to Radio 2,540,750, Feb. 6.

Moore, James R., assignor to Hamilton Manufacturing Company, Two Rivers, Wis. Laundry drier. 2,540,955, Feb. 6.

Moore, Jay C., Fredonia, Pa. Mandrel. 2,562,327, July 31.

Moore, John, assignor, by mesne assignments, of one-half to Planamatic Corporation, Oakland, Calif. Trailer axle. 2,558,310, June 26.

Moore, John M.: *See*—
Basu, Deba P., and Moore.

Moore, John R.: *See*—
Denker, Charles T., and Moore.

Moore, John R., Schenectady, N. Y., assignor to General Electric Company. Resolver for gun sight. 2,547,654, Apr. 3.

Moore, Joseph B., Edina, assignor to McLaughlin Gormley King Company, Minneapolis, Minn. Insecticidal and acaricidal compositions comprising propylene glycol and an alkali ammonium seleno sulfide. 2,558,772, July 3.

Moore, Laurence L.: *See*—
Winslow, Charles A., Nostrand, and Moore.

Moore, Lee C., Corporation, assignee: *See*—
Campbell, Erwin A.
Woolslayer, Homer J., Campbell, and Jenkins.
Woolslayer, Homer J., and Jenkins.
Woolslayer, Homer J., Jenkins, and Iddings.
Woolslayer, Homer J., Jenkins, and Luttgen.

Moore, Louie N., Benson, Ariz. Tongue cleaner. 2,574,654, Nov. 13.

Moore, Marjorie B.: *See*—
Moore, Edmond E. and M. B.

Moore, Milford B., Lansing, E. D. Willis, Okemos, and R. L. Ginther, assignors to T. Abrams, doing business as Abrams Instrument Company, Lansing, Mich. Electrical timer. 2,573,130, Oct. 30.

Moore, Murray L., and A. D. Fritz, Cheyenne, Wyo. Dual wheel differential hub. 2,569,861, Oct. 2.

Moore, Norman C., Greenfield, Mass., assignor to Western Electric Company, Incorporated, New York, N. Y. Speed changing transmission. 2,538,625, Jan. 16.

Moore, Norman Y.: *See*—
Griffin, Roger L., and Moore.

Moore, Paul B., assignor to York Corporation, York, Pa. Mounting assembly for refrigerative air conditioners. 2,560,467, July 10.

Moore Products Co., assignee: *See*—
Moore, Coleman B.

Moore, Ralph F., Shrewsbury, assignor to Wyman-Gordon Company, Worcester, Mass. High-pressure hydraulic valve with pilot valve. 2,555,755, June 5.

Moore, Raymond E., Denver, Colo. Remote switching device. 2,576,410, Nov. 27.

Moore, Richard C., Sr., Bowden, N. C. Fertilizer distributor with plural outlets closed by a common gate equipped with an additional closure for each outlet. 2,560,732, July 17.

Moore, Richard E.: *See*—
Carson, Howard, and Moore.

Moore, Richard E., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Propeller control. 2,536,138, Jan. 2.

Moore, Richard E., Dayton, Ohio, and D. A. Richardson, Broomall, Pa., assignors to General Motors Corporation, Detroit, Mich. Propeller control. 2,556,700, June 12.

Moore, Richard F., Trumbull, Conn., assignor to Moore Special Tool Co. Inc. Wheel truing device. 2,575,228, Nov. 13.

Moore, Richard M., Rochester, N. Y. Fading attachment for motion-picture cameras. 2,556,770, June 12.

Moore, Richard P., Roodekop, Germiston, Transvaal, Union of South Africa. Apparatus for maintaining a constant liquid level. 2,556,771, June 12.

Moore, Richard P., Roodekop, Germiston, Transvaal, Union of South Africa. Back washing filter. 2,559,784, July 10.

Moore, Richard P., Roodekop, Germiston, Transvaal, Union of South Africa. Lime feeding processes and apparatus suitable for water-softening plants. 2,564,543, Aug. 14.

Moore, Robert B.: *See*—
Shaad, George E., La Roque, and Moore.

Moore, Robert C., Erdenheim, assignor to Philco Corporation, Philadelphia, Pa. Synchronized relaxation oscillator. 2,538,261, Jan. 16.

Moore, Robert C., Erdenheim, assignor to Philco Corporation, Philadelphia, Pa. Peak leveling circuit. 2,572,179, Oct. 23.

Moore, Robert C., Erdenheim, and G. L. Carson, assignors to Philco Corporation, Philadelphia, Pa. Saw-tooth current generator. 2,536,853, Jan. 2.

Moore, Robert E., Baltimore, Md., assignor to General Electric Company. Freezing tray. 2,546,769, Mar. 27.

Moore, Robert J., Berkeley, assignor to Shell Development Company, San Francisco, Calif. Alkylation of polynuclear aromatic hydrocarbons. 2,541,882, Feb. 13.

Moore, Robert J., Berkeley, and G. J. O'Donnell, Oakland, assignors to Shell Development Company, San Francisco, Calif. Base-catalyzed vapor-phase production of ethers from alcohols and olefins. 2,544,392, Mar. 6.

Moore, Robert L., Florence, Ala., assignor to Wingfoot Corporation, Akron, Ohio. Manufacturing thermoplastic material. 2,554,150, May 22.

Moore, Robert L., and M. Henkin, assignors to Binswanger Mirrow Co., Memphis, Tenn. Machine for processing sheetlike objects. 2,551,332, May 1.

Moore, Robert V.: *See*—
Bohannon, Richard O., Moore, and Brooks.

Moore, Samuel A., Cincinnati, Ohio, and P. Kass, Wilmington, Del., assignors to Interchemical Corporation, New York, N. Y. Vinyl monomer compositions stabilized against the deleterious effects of copper and copper compounds. 2,566,739, Sept. 4.

Moore Special Tool Co. Inc., assignee: *See*—
Hawley, Floyd E.
Moore, Richard F.
Victory, Frederick C.
Moore, Sydney J., assignor to Sulzer Bros. (London) Limited, London, and Josiah Wedgwood & Sons Limited, Stoke-on-Trent, Staffordshire, England. Apparatus for feeding clay or like plastic material to mechanism in which it is to be molded into pottery or like articles. 2,567,523, Sept. 11.
Moore, Sydney J., London, and C. T. Wedgwood, Barlaston, Stoke-on-Trent, assignors to Sulzer Bros. (London) Limited, London, and Josiah Wedgwood & Sons Limited, Barlaston, Stoke-on-Trent, England. Apparatus for applying heat to a series of articles. 2,561,629, July 24.
Moore, Telford I., North Hollywood, Calif. Implant for artificial eyes. 2,574,750, Nov. 13.
Moore, Thomas, Clinton, Iowa. Handgrip for bathtubs. 2,549,506, Apr. 17.
Moore, Thomas A.: *See*—
Kramer, Walter B., and Moore.
Moore, Thomas W., assignor to The Leland Electric Company, Dayton, Ohio. High-speed rotor for dynamoelectric machines. 2,539,747, Jan. 30.
Moore, Vincent, Ridgewood, N. J., assignor to Wright Aeronautical Corporation. Gas turbine control system. 2,575,229, Nov. 13.
Moore, Vincent T., Ridgewood, N. J., assignor to Wright Aeronautical Corporation. Thrust balancing means. 2,540,902, Feb. 6.
Moore, Walter G., Liverpool, England. Skylight. 2,538,319, Jan. 16.
Moore, Walter R., Palmyra, N. J., assignor to Underwood Corporation, New York, N. Y. Manifolding device. 2,568,509, Sept. 18.
Moore, Willie A., Grambling, La. Insect destroyer. 2,567,616, Sept. 11.
Moorehead, Clyde C., Waco, Tex. Toggle clamp with an adjustable pivot. 2,577,029, Dec. 4.
Moores, Urban A., Mechanic Falls, Maine. Seed germinating and planting apparatus. 2,542,555, Feb. 20.
Moores, Urban A., Mechanic Falls, Maine. Variable-speed clutch. 2,569,864, Oct. 2.
Moorman, Joseph W.: *See*—
Wickham, Henry P., and Moorman.
Moorman, Joseph W., Alpine, and L. J. Kelly, Tenafly, assignors to The M. W. Kellogg Company, Jersey City, N. J. Temperature control in regeneration of contact agents. 2,545,041, Mar. 13.
Moorman Manufacturing Company, assignee: *See*—
Schilling, Carl O.
Moose, Charles E., assignee: *See*—
Fuehring, Karl T.
Moragne, William M., Lihue, assignor to Grove Farm Company, Limited, Puhi, Kauai, T. H. Machine for preparing seed cane. 2,544,275, Mar. 6.
Moraine Box Company, assignee: *See*—
Munroe, Thomas.
Morales, Valentin, Los Angeles, Calif. Recording and reproducing tone arm attachment. 2,567,852, Sept. 11.
Moran, Gerald L.: *See*—
Fortney, David F., and Moran.
Moran, Harold J., assignor to Switlik Parachute Company, Inc., Trenton, N. J. Parachute assembly. 2,537,152, Jan. 9.
Moran, Hugh G., St. Louis, Mo. Dental appliance. 2,566,903, Sept. 4.
Moran Instrument Corporation, assignee: *See*—
Moran, Robert B., Jr.
Moran, Lucille K., St. Paul, Minn. Sack clothes drier. 2,573,214, Oct. 30.
Moran, Robert B., Jr., assignor to Moran Instrument Corporation, Pasadena, Calif. Distance measurement by echo ranging. 2,568,926, Sept. 25.
Moran, Robert B., Jr., assignor to Moran Instrument Corporation, Pasadena, Calif. Telemetering. 2,578,939, Dec. 18.
Moran, Theron W., Encino, asignor to A. M. Conley, doing business as The Conley Company, Los Angeles, Calif. Starter means for hydraulic devices. 2,573,864, Nov. 6.
Morano, Patrick J., assignor to Even-Pul Foundations, Inc., New York, N. Y. Form-fitting undergarment. 2,544,432, Mar. 6.
Morano, Patrick J., assignor to Even-Pul Foundations, Inc., New York, N. Y. Foundation garment. 2,566,461, Sept. 4.
Morash, Norman: *See*—
Booth, Robert B., and Morash.
Moravec, Jan, assignor to Bata, narodni podnik, Zlin, Czechoslovakia. Device for drawing off spun fibres. 2,579,846, Dec. 25.
Moravian Electrical Engineering Works, assignee: *See*—
Klíma, Vilém.
Morawski, London T.: *See*—
Parker, John J., and Morawski.
Morbeck, Robert C., Cranford, N. J., assignor to Standard Oil Development Company. Production of an iron catalyst for hydrocarbon synthesis. 2,580,039, Dec. 25.
Morberg, Kenneth F., assignor to H. A. Torstenson, Chicago, Ill. Magazine closure for tacking machines. 2,545,372, Mar. 13.
Morberg, Kenneth F., assignor to Henry A. Torstenson, Chicago, Ill. Tacker. 2,548,736, Apr. 10.
Morby, William R., Millwood, Wash. Line measuring meter. 2,576,629, Nov. 27.
Morcom, Richard J., West Hartford, Conn., assignor to Emhart Manufacturing Company. Gauging device for glass containers and the like. 2,575,227, Nov. 13.
Mordell, Donald L., Montreal, Quebec, Canada, and J. B. Holliday, assignors to Rolls-Royce Limited, Derby, England. Fuel pump control for gas turbine responsive to intake air pressure and temperature. 2,538,582, Jan. 16.
Morden, Charles W., Portland, Oreg., assignor to Morden Machines Company. Treating and refining machine for pulp materials. 2,547,830, Apr. 3.
Morden Machines Company, assignee: *See*—
Morden, Charles W.
More, Howard V., assignee: *See*—
More, Orlo S.
More, John H., administrator: *See*—
Gantner, Frederick, Klosterman, and Geers.
More, Orlo S., San Gabriel, assignor of one-fourth to H. V. More, Los Angeles, Calif., and three-fourths to R. L. More, Denver, Colo. Compressor. 2,551,623, May 8.
More, Philip J.: *See*—
Sparklin, Charles H., and More.
More, Roza L., assignee: *See*—
More, Orlo S.
Morehead, Frederick F.: *See*—
Hall, James W., Hollihan, and Morehead.
Morehead, Joseph S., San Jose, Calif. Patch inserting tool. 2,576,262, Nov. 27.
Morehouse, Charles R., Berkeley, and J. T. Cavallero, Walnut Creek, assignors to Oliver United Filters Incorporated, Oakland, Calif. Puddler. 2,563,183, Aug. 7.
Morehouse, Eugene, Providence, R. I., assignor to B. A. Ballou & Co. Incorporated. Cuff link with movable head. 2,544,893, Mar. 13.
Morehouse, Fred R., and W. J. Hornibrook, McMasterville, Quebec, assignors to Canadian Industries Limited, Montreal, Quebec, Canada. Copolymers of 4-vinylcyclohexene dioxide. 2,555,500, June 5.
Moreillon, Albert E., Yverdon, Switzerland, assignor to Dunlop Rubber Company Limited, London, England. Single-acting reciprocating engine. 2,550,369, Apr. 24.
Morel, Charles J.: *See*—
Engel, Kurt, and Morel.
Moreland, William J., Delavan, and H. G. Foote, Fontana, Wis., assignors to The George W. Borg Corporation, Chicago, Ill. Sound recording and reproducing apparatus. 2,563,545, Aug. 7.
Moreland, William J., Jr., Arcadia, assignor to G. L. Carrington, Encino, Calif. Condenser microphone structure. 2,567,889, Sept. 11.
Morell, Samuel A., Whitefish Bay, and J. Shovers, Shorewood, assignors to Pabst Brewing Company, Milwaukee, Wis. Recovery of soluble substances from filter-press cakes. 2,561,812, July 24.
Morello, Michael, Hartford, Conn. Level magnetic attachment. 2,553,668, May 22.
Morelock, Ober B., U. S. Navy, National City, Calif. Automatic pitch change propeller. 2,547,037, Apr. 3.
Moremen, Hamlet L., Seattle, assignor to Washington State Apple Advertising Commission, Wenatchee, Wash. Collapsible display container forming rim and trim for stands. 2,562,326, July 31.
Moreno, Anthony J., Elmhurst, and C. L. Fenn, Flushing, N. Y., assignors to Edo Corporation. Combined door and ladder in the side of a craft. 2,558,975, July 3.
Moreton, Douglas H., Pacific Palisades, assignor to Douglas Aircraft Company, Inc., Santa Monica, Calif. Hydraulic fluid composition. 2,566,623, Sept. 4.
Morey, Elmer F., Riverside, Calif. Toy jack. 2,568,289, Sept. 18.
Morey, Glen H., Terre Haute, Ind. Releasable heater support. 2,546,770, Mar. 27.
Morey, Glen H., assignor to Commercial Solvents Corporation, Terre Haute, Ind. Substituted imidazolidine compounds and preparing them. 2,576,306, Nov. 27.
Morey, Howard E., Aurora, Ill. Animal feeder. 2,543,465, Feb. 27.
Morey, John R., Brighton, assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Plier for forming and shearing off spectacle lens brackets. 2,557,305, June 19.
Morey Machinery Co., Inc., assignee: *See*—
Casella, Secondo L.
Casella, Secondo L., Kurzweil, and Pesqueira.
Kurzweil, Robert.
Kurzweil, Robert, and Pesqueira.
Pesqueira, Juventino J., and Kurzweil.
Morey, Richard F., Abington, Mass. Demountable basketball apparatus. 2,553,105, May 15.
Morey, Woodruff A., Chicago, Ill. Lubrication fitting. 2,566,354, Sept. 4.
Morf, Ernest, La Chaux-de-Fonds, Switzerland. Shock-absorbing bearing. 2,543,328, Feb. 27.
Morgan, Arthur J., assignee: *See*—
Laufer, Thomas.
Morgan, Atwill: *See*—
De Bray, Glenn L., and Morgan.
Morgan, Bryan E., and R. A. Salathiel, Houston, Tex., assignors, by mesne assignments, to Standard Oil Development Company, Elizabeth, N. J. Oil well cementing. 2,549,507, Apr. 17.

Morgan, Chub, Palo Alto, Calif. Toy horse. 2,572,878, Oct. 30.
Morgan Construction Company, assignee: *See*—
Beaman, Phineas A., and North.
Morgan, Myles.
Morgan, Weld, and Wesson.
O'Malley, Joseph M.
Sheperdson, John W., and O'Malley.
Young, Richard W.
Morgan, Earl, Kansas City, Mo. Cigarette dispenser and lighter. 2,565,183, Aug. 21.
Morgan, Edward, Dayton, Ohio. Stand for bicycles. 2,553,466, May 15.
Morgan Engineering Company, The, assignee: *See*—
Ball, Harvey W.
Morgan, Erving B., and R. M. Clay, assignors to American Seating Company, Grand Rapids, Mich. Chair back construction. 2,538,733, Jan. 16.
Morgan, Erving B., and R. W. Clay, assignors to American Seating Company, Grand Rapids, Mich. Riser type stadium chair. 2,568,896, Sept. 25.
Morgan, Frank, Fox Chapel, D. W. Reed, Penn Township, Allegheny County, and M. Muskat, Oakmont, assignors to Gulf Research & Development Company, Pittsburgh, Pa. Subsurface flowmeter. 2,580,182, Dec. 25.
Morgan, Fred P., Delray Beach, Fla. Irrigation and drainage pump. 2,559,785, July 10.
Morgan, George E., San Diego, Calif. Golf driving mat and tee. 2,573,107, Oct. 30.
Morgan, Ivan C., Lewiston, Idaho. Pickle slicing machine. 2,554,918, May 29.
Morgan, Jack I., New Meadows, and B. B. Chisholm, Boise, Idaho. Portable loader. 2,564,169, Aug. 14.
Morgan, Jeremiah M., Cranbury, N. J., assignor to Radio Corporation of America. Deflection circuit arrangement. 2,559,512, July 3.
Morgan, Jerome P.: *See*—
Patterson John A., and Morgan.
Morgan, Jerome P., Maplewood, and E. O. Ohsol, Cranford, N. J., assignors to Standard Oil Development Company. Manufacture of imides. 2,566,992, Sept. 4.
Morgan, John D., South Orange, and R. E. Lowe, East Orange, N. J., assignors, by mesne assignments, to Cities Service Research and Development Company, New York, N. Y. Corrosion inhibiting compounds. 2,566,068, Aug. 28.
Morgan, Kenneth F., Los Angeles, Calif. Pulley winch. 2,555,501, June 5.
Morgan, Lew: *See*—
Wheeler, Phillip R., Morgan, and Schoening.
Morgan, Marcil G., Nashville, Tenn. Foam maker for cleaners. 2,575,675, Nov. 20.
Morgan, Myles, Worcester, and N. T. Werthessen, Sherborn, assignors to Worcester Foundation for Experimental Biology, Shrewsbury, Mass. Pneumatic type pulsator. 2,548,807, Apr. 10.
Morgan, Myles, assignor to Morgan Construction Company, Worcester, Mass. Apparatus for handling annular articles. 2,565,927, Aug. 28.
Morgan, Paul W., Kenmore, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Cross-linked polymeric materials and making same. 2,539,920, Jan. 30.
Morgan, Porter S., Westport, Conn. Differential. 2,569,533, Oct. 2.
Morgan, Porter S., Westport, assignor to The Connecticut Variable Gear Corporation, New Haven, Conn. Variable-speed power transmission. 2,579,085, Dec. 18.
Morgan, Press D., Chillicothe, Mo. Auxiliary seat for barbers' chairs. 2,557,232, June 19.
Morgan, Ralph H., assignor to Charles Drexler Co., Inc., Indianapolis, Ind. Multispeed motor head unit. 2,545,040, Mar. 13.
Morgan, Raymond E., Schenectady, N. Y., assignor to General Electric Company. Three phase control system employing saturable reactors. 2,567,725, Sept. 11.
Morgan, Raymond E., Scotia, N. Y., assignor to General Electric Company. Voltage doubler magnetic amplifier. 2,552,203, May 8.
Morgan, Raymond E., Scotia, N. Y., assignor to General Electric Company. Magnetic amplifier control system. 2,554,203, May 22.
Morgan, Thomas J., assignor to Ampro Corporation, Chicago, Ill. Lamp support capable of vertical and horizontal adjustment. 2,541,883, Feb. 13.
Morgan, Walter F., Santaquin, Utah. Automatic circuit closer for electrical wiring systems. 2,574,278, Nov. 6.
Morgan, Weld, and C. D. Wesson, assignors to Morgan Construction Company, Worcester, Mass. Wire drawing machine. 2,542,257, Feb. 20.
Morgan, William C., New York, N. Y. Ellipse compass. 2,548,039, Apr. 10.
Morgan, William D., Jr.: *See*—
Wanamaker, Elmer M., Hammerquist, and Morgan.
Morgan, William G.: *See*—
Marchant, Francis C. I., and Morgan.
Morgan, William M., Oswestry, England, assignor to Monsanto Chemical Company, St. Louis, Mo. Vulcanizing rubber and product thereof. 2,564,788, Aug. 21.
Morgan, William M., Oswestry, England, assignor to Monsanto Chemical Company, St. Louis, Mo. Vulcanizing rubber and product thereof. 2,567,853, Sept. 11.
Morganson, Peter H., assignor to The William L. Gilbert Clock Corporation, Winsted, Conn. Alarm-train limit mechanism for single-spring alarm clocks. 2,538,161, Jan. 16.
Morganti, Gladys N., Denver, Colo. Make-up hood or cape. 2,567,524, Sept. 11.
Morgenstern, Charles E.: *See*—
Geldhof, Peter E., and Morgenstern.
Morgenstern, Charles E., St. Joseph, Mich., assignor to Nineteen Hundred Corporation. Ironer. 2,540,749, Feb. 6.
Morgenstern, David M., Cleveland, Ohio, assignor to Nelmor Corporation, Chicago, Ill. Swivel joint for connecting the head of a rearview mirror to its support. 2,555,239, May 29.
Morgenstern, David M., Cleveland, Ohio. Vehicle lamp held in position by resilient clamps. 2,571,375, Oct. 16.
Mörgeli, Eduard, Neue Welt, near Basel, and W. Kern, Sissach, assignors to Ciba Limited, Basel, Switzerland. 4 - p - chlorobenzoylaminoanthraquinonebenzacridone. 2,568,966, Sept. 25.
Morhardt, Charles H.: *See*—
Menkin, Arthur H., and Morhardt.
Moricich, Lucas, Avalon, Calif. Tube collapsing mechanism for dispensers. 2,562,937, Aug. 7.
Morigeau, John A.: *See*—
Swant, Clyde G., and Morigeau.
Morin, Francis J., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Controlling the resistance of oxidic semiconductors. 2,547,406, Apr. 3.
Morin, Francis J., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Oxide resistors and making them. 2,552,640, May 15.
Morin, George G., South Hadley Falls, assignor to Morin Manufacturing Company, Incorporated, Holyoke, Mass. Control for grapples. 2,577,689, Dec. 4.
Morin, Joseph A., Jersey City, N. J. Mechanical figure. 2,538,162, Jan. 16.
Morin, Louis H., Bronx, N. Y. Slider for separable fastener stringers. 2,537,313, Jan. 9.
Morin, Louis H., Bronx, N. Y. Double throw safety for transfer apparatus of die casting machines. 2,542,556, Feb. 20.
Morin, Louis H., Bronx, N. Y. Safety throwout for goosenecks of die casting machines. 2,543,417, Feb. 27.
Morin, Louis H., Bronx, N. Y. Apparatus for forming and applying bottom stops. 2,543,418, Feb. 27.
Morin, Louis H., Bronx, N. Y. Cast on end stop for separable fastener stringers. 2,546,649, Mar. 27.
Morin, Louis H., Bronx, N. Y. Tape jump-gap device. 2,551,154, May 1.
Morin, Louis H., Bronx, N. Y. Forming movably coupled members. 2,555,754, June 5.
Morin, Louis H., Bronx, N. Y. Hydraulic die-casting machine. 2,567,649, Sept. 11.
Morin, Louis H., Bronx, N. Y. Slider for separable fasteners. 2,568,163, Sept. 18.
Morin, Louis H., Bronx, N. Y. Servo-power application to dies of die-casting machines. 2,569,863, Oct. 2.
Morin, Louis H., Bronx, N. Y. Forming die cast products. 2,577,350, Dec. 4.
Morin, Louis H., Bronx, N. Y. Quick exit separable fastener. 2,578,442, Dec. 11.
Morin, Louis H., Bronx, N. Y. Forming threaded die castings. 2,579,952, Dec. 25.
Morin, Louis H., Bronx, and O. Gries, New Rochelle, N. Y., said Gries assignor to Crown Fastener Corporation, Warren, R. I. Apparatus for casting heads on pins. 2,579,951, Dec. 25.
Morin, Louis H., executor, assignee: *See*—
Marinsky, Davis.
Morin Manufacturing Company, Incorporated, assignee: *See*—
Morin, George C.
Morin, Marion C., Fairfield, Conn. Lady's undergarment. 2,545,743, Mar. 20.
Morine, Charles V., Wahiawa, Territory of Hawaii, assignor to California Packing Corporation, San Francisco, Calif. Soil fumigant pump. 2,565,255, Aug. 21.
Moritt, Irving J.: *See*—
Bell, Sidney R.
Moritz, Adrian J. L., assignor to American Enka Corporation, Enka, N. C. Thread-advancing reel. 2,572,181, Oct. 23.
Moritz, Jean, Chatou, France. Torsion-rod means for holding grinding rollers in adjustable cooperation with opposing grinding elements. 2,574,346, Nov. 6.
Mork, George W., assignor to Bucyrus-Erie Company, South Milwaukee, Wis. Closing mechanism for bottom-dump wagons. 2,575,355, Nov. 20.
Mork, George W., assignor to Bucyrus-Erie Company, South Milwaukee, Wis. Follow-up type servomotor. 2,578,727, Dec. 18.
Mork, Raymond P., assignor to The Baldwin Company, Cincinnati, Ohio. Coupler system in electric musical instruments. 2,557,133, June 19.
Mork, Raymond P., assignor to The Baldwin Company, Cincinnati, Ohio. Switch device. 2,558,659, June 26.
Mork, Raymond P., assignor to The Baldwin Company, Cincinnati, Ohio. Electrically noiseless progressive contact means. 2,575,230, Nov. 13.

Mork, Raymond P., assignor to The Baldwin Company, Cincinnati, Ohio. Combination stop mechanism. 2,576,764, Nov. 27.
Mork, Raymond P., Needham, Mass., assignor to General Electric Company. Metal detector. 2,546,771, Mar. 27.
Morkoski, James, Canton, Ill., assignor to International Harvester Company. Implement hitch. 2,551,451, May 1.
Morledge-Hadfield, Albert W.: *See*—
Greenwood, Ernest L., Hughes, and Morledge-Hadfield.
Morley, Charles E., Detroit, Mich. Mirror construction. 2,566,497, Sept. 4.
Morley, Frederick W. W.: *See*—
Davis, Christopher A., Bill, and Morley.
Morley, Frederick W. W., assignee: *See*—
Lombard, Adrian A., Vincent, and Morley.
Morley, John F., and S. G. Foord, London, England, assignors to International Standard Electric Corporation, New York, N. Y. Electric communication cable. 2,576,134, Nov. 27.
Morley, William E.: *See*—
Rouse, William C., and Morley.
Morley, William J.: *See*—
Schafer, Curtiss R., and Morley.
Mormann, Henry L., assignor of one-half to L. J. Zimmer, Dyersville, Iowa. Adjustable feeder for grain pans for grain combines. 2,542,346, Feb. 20.
Morner, Hans G., New York, N. Y. Air-filled upholstery and manufacture. 2,575,764, Nov. 20.
Morner, Hans G., and E. J. Fredsell, New York, N. Y.; said Fredsell assignor to said Morner. Waterproof fastener. 2,567,298, Sept. 11.
Morner, Richard R.: *See*—
Mowry, David T., and Morner.
Morner, Richard R., and D. T. Mowry, Dayton, Ohio, assignors to Monsanto Chemical Company, St. Louis, Mo. Styrene copolymers. 2,559,166, July 3.
Mornik, George B., Mounds View Township, Ramsey County, Minn. Powder gun. 2,576,804, Nov. 27.
Moroney, Laurence F., Moonee Ponds, near Melbourne, Victoria, Australia. Slidable and adjustable seat. 2,579,597, Dec. 25.
Moroney, Laurence F., Moonee Ponds, near Melbourne, Victoria, Australia. Slidable and adjustable seat. 2,579,599, Dec. 25.
Morral, Facundo R., Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Carburizing bath. 2,541,085, Feb. 13.
Morral, Facundo R., Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Carburizing bath. 2,546,131, Mar. 20.
Morreale, Sam, Chicago, Ill. Automobile push bar. 2,554,375, May 22.
Morrell, Charles E.: *See*—
Carlson, Carl S., Morrell, and Smith.
Gilliland, Edwin R., Morrell, Carlson, and Robertson.
McAteer, James H., and Morrell.
Morrell, Charles E., Westfield, N. J., assignor to Standard Oil Development Company. Removing acetylenes from diolefin mixtures. 2,566,136, Aug. 28.
Morrell, Charles E., Westfield, N. J., assignor to Standard Oil Development Company. Concentrating aqueous acid solutions utilizing combinations of low and high boiling solvents. 2,571,919, Oct. 16.
Morrell, Charles E., Roselle, and R. F. Robey, Cranford, N. J., assignors to Standard Oil Development Company. Ethyl alcohol production. 2,545,161, Mar. 13.
Morrell, Charles E., Westfield, C. S. Carlson, Elizabeth, and P. V. Smith, Jr., Westfield, N. J., assignors to Standard Oil Development Company. Distillation of oxygenated organic compounds. 2,551,625, May 8.
Morrell, Charles E., Westfield, C. S. Carlson, Elizabeth, and P. V. Smith, Jr., Westfield, N. J., assignors to Standard Oil Development Company. Separation of normal alcohols from branched chain alcohols. 2,551,626, May 8.
Morrell, Charles E., Westfield, R. F. Robey, Cranford, and L. M. Welch, Madison, N. J., assignors to Standard Oil Development Company. Production of 3,3,5-trimethyl cyclohexanone. 2,560,361, July 10.
Morrell Charles E., Westfield, and R. F. Robey, Cranford, N. J., assignor to Standard Oil Development Company. Acid extraction of mixed olefin hydrocarbons. 2,560,362, July 10.
Morrell, Charles E., Roselle, and M. W. Swaney, Linden, N. J., assignors to Standard Oil Development Company. Removing acetylenes from diolefin mixtures. 2,566,135, Aug. 28.
Morrell, Charles E., and M. W. Swaney, Westfield, N. J., assignors to Standard Oil Development Company. Removing acetylenes from hydrocarbon mixtures and improvements in the separation of butadiene and acetylenes. 2,566,137, Aug. 28.
Morrell, Charles E., Westfield, C. S. Carlson, Roselle, J. F. Nelson, Rahway, N. J., and J. Stewart, Brooklyn, N. Y., assignors to Standard Oil Development Company. Extractive distillation of close-boiling hydrocarbon fractions with hydrotropic solutions. 2,567,228, Sept. 11.
Morrell, Charles E., Westfield, and J. H. McAteer, Cranford, N. J., assignors to Standard Oil Development Company. Recovery of oxygenated compounds from hydrocarbon oils. 2,569,384, Sept. 25.
Morrell, Charles E., Westfield, and J. H. McAteer, Cranford, N. J., assignors to Standard Oil Development Company. Recovery of oxygenated compounds from hydrocarbon oils. 2,569,385, Sept. 25.
Morrell, Charles E., Westfield, and R. F. Robey, Cranford, N. J., and N. C. Robertson, Corpus Christi, Tex., assignors to Standard Oil Development Company. Extractive distillation of polymer-containing alcohols. 2,575,284, Nov. 13.
Morrell, Charles E., Westfield, and R. F. Robey, Cranford, N. J., assignors to Standard Oil Development Company. Distillation of carbonyl compounds from alcohols. 2,576,030, Nov. 20.
Morrell, Jacque C., assignee: *See*—
Rebora, Stephen F.
Morrell, Jacque C., Oak Park, Ill., assignor to the United States of America as represented by the Secretary of War, as trustee. Producing activated carbon. 2,546,903, Mar. 27.
Morrell, Jacque C., Philadelphia, Pa. Cosmetic package. 2,561,400, July 24.
Morrell, Stanley C., assignee: *See*—
Sharp, Ernest P.
Morrey, Percy: *See*—
Hodson, Charles F., and Morrey.
Morrey, Stuart C.: *See*—
Marquardt, Rembert A., and Morrey.
Morrill, Austin W., Glendale, Calif. Device for breeding insects. 2,539,633, Jan. 30.
Morrill, Elliott: *See*—
Gooding, Chester M., Morrill, and Seiter.
Seiter, Eugene D., Gooding, and Morrill.
Morrill, Elliott, Indianapolis, Ind., E. D. Seiter, Westfield, N. J., and C. M. Gooding, Staten Island, assignors to The Best Foods, Inc., New York, N. Y. Color and stain removers for fabrics. 2,549,113, Apr. 17.
Morrill, Wayne J., Fort Wayne, Ind. Motor mounting. 2,580,313, Dec. 25.
Morris, Alex, assignee: *See*—
Blez, Bram.
Morris, Antone W., Point Reyes, Calif. Flat tire dolly. 2,552,804, May 15.
Morris, Carol N.: *See*—
Heflin, Carol N.
Morris, Charles H., Darlington, S. C. Smoking pipe. 2,570,471, Oct. 9.
Morris, Charles L., Greenwich, Conn., assignor, by mesne assignments, to Gyrodyne Company of America, Inc., New York, N. Y. Wing tip light for rotary wing aircraft. 2,555,807, June 5.
Morris, Charles W., West Los Angeles, assignor to The Garrett Corporation, Los Angeles, Calif. Air cooling system having expansion means. 2,557,100, June 19.
Morris, Daniel L., New York, and C. M. Johnson, Freeport, N. Y. Producing powder metal articles. 2,541,531, Feb. 13.
Morris, David L., Sidney, Ohio. Tool setter for lathes. 2,542,938, Feb. 20.
Morris, Dennis W.: *See*—
Laird, John A., and Morris.
Morris, Edward A., Santa Barbara, Calif. Current shut-off mechanism. 2,578,940, Dec. 18.
Morris, Edwin A.: *See*—
Warren, Chester E., and Morris.
Morris, Elton K.: *See*—
Stowe, Stephen C., and Morris.
Morris, Eugene S., assignee: *See*—
Schule, Earl A.
Morris Farm Machinery Company, assignee: *See*—
Fitch, Frederick B.
Morris, Frank A., Rochester, N. Y., assignor to Stromberg-Carlson Company. Multiplex phase generator. 2,548,737, Apr. 10.
Morris, Frank A., Rochester, N. Y., assignor to Stromberg-Carlson Company. Automatic telephone system. 2,567,650, Sept. 11.
Morris, George C., assignor to Redmond Company, Inc., Owosso, Mich. Crankcase ventilation. 2,578,576, Dec. 11.
Morris, George C., assignor to Redmond Company, Inc., Owosso, Mich. Vapor expulsion. 2,578,577, Dec. 11.
Morris, George F., Etobicoke, Ontario, Canada, assignor to International Business Machines Corporation, New York, N. Y. Manifolding ribbon mechanism. 2,566,953, Sept. 4.
Morris, George L., Winchendon, Mass. Convertible crib and cradle. 2,553,862, May 22.
Morris, George V.: *See*—
Miller, Bertrand J., and Morris.
Morris, Harold B., Akron, assignor to Eagle Rubber Co., Inc., Ashland, Ohio. Blowing articles of rubber, etc. 2,568,128, Sept. 18.
Morris, Harold B., assignor to Eagle Rubber Company, Inc., Ashland, Ohio. Blowing of articles. 2,568,129, Sept. 18.
Morris, Harold W., Bozeman, Mont. Glare shield for automobiles. 2,546,609, Mar. 27.
Morris, Harrison D., and C. H. Eliason, Grayslake, Ill. Gardening tool carrying kit. 2,554,680, May 29.
Morris, Howard I., San Marcos, Calif., assignor of one-third to H. O. Yoder, Lakewood, and one-third to D. O. Yoder, Bay Village, and M. Y. Kanzenbach, Lakewood, Ohio. Electrical welding apparatus. 2,550,710, May 1.

Morris, Howard I., San Marcos, Calif., assignor of one-third to H. O. Yoder, Lakewood, and one-third to D. O. Yoder, Bay Village, and M. Y. Kanzenbach, Lakewood, Ohio. Electrical welding apparatus. 2,550,711, May 1.

Morris, Hy D., Baldwin, assignor to Universal Fountain Pen & Pencil Co., Inc., New York, N. Y. Ball-pointed pen. 2,560,810, July 17.

Morris, Hy D., Baldwin, assignor to Universal Fountain Pen & Pencil Co., Inc., New York, N. Y. Ball-pointed pen. 2,560,811, July 17.

Morris, Janet C., New York, N. Y. Food chopping attachment. 2,576,802, Nov. 27.

Morris, John H.: *See*—
Whinton, John J., and Morris.

Morris, John P., Hinsdale, assignor to M & J Diesel Locomotive Filter Corporation, Chicago, Ill. Filter. 2,548,440, Apr. 10.

Morris, Joseph R., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Apparatus for breaking scored glass sheets. 2,559,366, July 3.

Morris, Joseph W., Kermit, Tex. Fishing lure. 2,560,733, July 17.

Morris, Lawrence W., assignee: *See*—
Curle, George L.

Morris, Lloyd A., Fairfield, Ala. Clothes carrier. 2,557,556, June 19.

Morris, Lloyd C., Bartlesville, Okla., assignor to Phillips Petroleum Company. Air-blowing clay tower polymer. 2,559,985, July 10.

Morris, Lloyd C., Bartlesville, Okla., assignor to Phillips Petroleum Company. Resinous products from HF acid-soluble oils. 2,567,342, Sept. 11.

Morris Machine Tool Company, The, assignee: *See*—
Kahle, Walter R., and Johnson.

Morris Machine Works, assignee: *See*—
Pfarrer, William H.

Morris, Morgan J. R., Massillon, assignor to Republic Steel Corporation, Cleveland, Ohio. Apparatus for casting metals. 2,567,525, Sept. 11.

Morris, Naomi M., Cleveland, Ohio. Adjustable shoe gripper. 2,579,953, Dec. 25.

Morris, Octavius J., Miami, Fla. Rotary engine. 2,550,849, May 1.

Morris, Oliver G.: *See*—
Welch, Arthur R., and Morris.

Morris Paper Mills, assignee: *See*—
Arneson, Edwin L.
Baumgartner, John R., and Bell.
Collins, William L. V.
Emrick, Clyde L.
Lebold, Samuel N.

Morris, Paul C., Louisville, Ky. Control mechanism for motor vehicles. 2,547,593, Apr. 3.

Morris, Ramiel, St. Louis, Mo. Feed mechanism for roller towel cabinets. 2,537,783, Jan. 9.

Morris, Richard L., South Ozone Park, and F. H. Detweiler, Wantagh, assignors to Telautograph Corporation, New York, N. Y. Ground potential and line interference correcting apparatus and method. 2,561,401, July 24.

Morris, Robert, Flushing, N. Y. Atomizer of single piece construction. 2,571,921, Oct. 16.

Morris, Robert G., Baltimore, Md. Easy eel holder. 2,547,592, Apr. 3.

Morris, Robert J.: *See*—
Brode, Wallace R., and Morris.

Morris, Rupert C.: *See*—
Evans, Theodore W., and Morris.
Scheibli, James R., Morris, and Shokal.

Morris, Rupert C., Berkeley, A. V. Snider, Richmond, and R. M. Horowitz, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Producing alkenyl esters of endoalkylene-tetrahydrophthalic acids. 2,537,845, Jan. 9.

Morris, Rupert C., Berkeley, J. L. Van Winkle, San Lorenzo, Calif., and A. V. Snider, Hempstead, N. Y., assignors to Shell Development Company, San Francisco, Calif. Lubricating oil containing chlorinated cyclic polymer. 2,542,286, Feb. 20.

Morris, Rupert C., Berkeley, and J. L. Van Winkle, San Lorenzo, assignors to Shell Development Company, San Francisco, Calif. Esters of unsaturated acid-branched chain hexadiene polymer adducts. 2,555,595, June 5.

Morris, Rupert C., Berkeley, Calif., and A. V. Snider, Hempstead, N. Y., assignors to Shell Development Company, San Francisco, Calif. Purification of 4-methylpentadiene-1,3. 2,564,405, Aug. 14.

Morris, Rupert C., Berkeley, V. W. Buls, Walnut Creek, and S. A. Ballard, Orinda, assignors to Shell Development Company, San Francisco, Calif. Unsaturated esters of phosphonous acids and polymers thereof. 2,577,796, Dec. 11.

Morris, Thomas C., Lexington, and E. C. Johnson, Somerville, assignors to B. B. Chemical Co., Boston, Mass. Adhering vinyl resin surfaces. 2,572,877, Oct. 30.

Morris, Thomas C., Lexington, and E. C. Johnson, Somerville, assignors to B. B. Chemical Co., Boston, Mass. Cold bonding plasticized resin sheets to other surfaces. 2,572,879, Oct. 30.

Morris, William C., Sharon Hill, Pa., assignor to General Electric Company. Dual potential unbalance responsive device. 2,575,925, Nov. 20.

Morris, William E., Roselle, and W. C. Howell, Jr., Union, N. J., assignors to Standard Oil Development Company. Motor fuel and antiknock agent. 2,557,019, June 12.

Morris, William H., Madison, Ala. Clothes basket hanger. 2,567,573, Sept. 11.

Morris, William S.: *See*—
Collins, Charles P., Gacey, Marston, Morris, and Trumbo.

Morris, William T., assignor to Aeronca Aircraft Corporation, Middletown, Ohio. Control mechanism. 2,573,044, Oct. 30.

Morrison, Charles A., assignor to Eastman Kodak Company, Rochester, N. Y. Apparatus for inspection of sensitized materials.. 2,548,551, Apr. 10.

Morrison, Charles C., assignee: *See*—
Willis, Maurice B.

Morrison, Charles S., assignor to Deere & Company, Moline, Ill. Feeding mechanism for balers and like machines. 2,572,180, Oct. 23.

Morrison Company, The, assignee: *See*—
Morrison, George F., and Frentzel.

Morrison, David, Manitowoc, assignor to Paragon Electric Company, Two Rivers, Wis. Adjustable switch for timers. 2,578,824, Dec. 18.

Morrison, Ella P., executrix: *See*—
Morrison, Samuel O.

Morrison, George F., and H. C. Frentzel, assignors to The Morrison Company, Milwaukee, Wis. Vise for sawing machines. 2,546,196, Mar. 27.

Morrison, George F., and H. C. Frentzel, assignors to The Morrison Company, Milwaukee, Wis. Lock device for printers' chases. 2,546,197, Mar. 27.

Morrison, George O.: *See*—
Schoenholz, Daniel, and Morrison.

Morrison, George O., Milltown, N. J., assignor to Shawinigan Products Corp., New York, N. Y. Aqueous polyvinyl acetate emulsion paints and preparing same. 2,567,678, Sept. 11.

Morrison, George O., Milltown, N. J., and G. F. Metz, Diamond Point, N. Y. Form-stable molding composition. 2,547,962, Apr. 10.

Morrison, Gurnie E., assignor of one-half to R. Mickley, San Jose, Calif. Magnetic pickup unit for guitars. 2,557,754, June 19.

Morrison, Hackley, Houston, Tex. Concealed stairway. 2,565,778, Aug. 28.

Morrison, Hackley, Houston, Tex., assignor, by mesne assignments, to H. Morrison, Jr. Ventilation shutter. 2,568,355, Sept. 18.

Morrison, Hackley, Jr., assignee: *See*—
Morrison, Hackley.

Morrison, Harold E.: *See*—
Geldhof, Peter E., Ringer, and Morrison.

Morrison, Harold E., assignor to Nineteen Hundred Corporation, St. Joseph, Mich. Self-adjusting leg. Corporation of America. Multibrator type oscillator. 2,540,539, Feb. 6.

Morrison, Harold E., assignor to Nineteen Hundred Corporation, St. Joseph, Mich. Diaphragm valve. 2,562,631, July 31.

Morrison, Harold E., St. Joseph, Mich., assignor to Whirlpool Corporation. Control for automatic washing machines. 2,579,598, Dec. 25.

Morrison, Harry F., Moran, Kans. Tractor tires. 2,571,922, Oct. 16.

Morrison, Heber J., Baltimore, Md., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Three-phase autotransformer. 2,546,011, Mar. 20.

Morrison, Henry R., Mooresville, N. C. Broadcaster. 2,564,494, Aug. 14.

Morrison, Ira R., Atchison, Kans. Scarificator. 2,542,828, Feb. 20.

Morrison, James L. D., and W. Miller, Benton Harbor, Mich. Tone arm positioning mechanism. 2,541,826, Feb. 13.

Morrison, John A., assignor to Boeing Airplane Company, Seattle, Wash. Duct slip joint. 2,565,737, Aug. 28.

Morrison, John A., and R. H. Weiland, Seattle, Wash., assignors to Boeing Airplane Company. Quick-acting tensioning connector. 2,550,018, Apr. 24.

Morrison, John F.: *See*—
Doherty, William H., Morrison, and Younker.

Morrison, Joseph I., Lincolnwood, Ill. Liquid cooling apparatus. 2,571,923, Oct. 16.

Morrison, Joseph I., Lincolnwood, Ill. Ice forming and ice melting cooling system. 2,571,924, Oct. 16.

Morrison, Kenneth G., Oakland, Calif., assignor to the United States of America as represented by the United States Atomic Energy Commission. Apparatus for regulating high voltage. 2,546,106, Mar. 20.

Morrison, Montford, Upper Montclair, N. J. Square-wave generator. 2,547,338, Apr. 3.

Morrison, Montford, Upper Montclair, N. J., assignor to Ritter Company, Inc., Rochester, N. Y. X-ray apparatus. 2,548,489, Apr. 10.

Morrison, Nathan H., Lowell, Mass., assignor, by mesne assignments, to Film 'n File, Inc., New York, N. Y. Cover sheet stripping mechanism. 2,560,301, July 10.

Morrison, Peter R.: *See*—
Ferry, John D., and Morrison.

Morrison, Philip, Chicago, Ill., assignor to the United States of America as represented by the United States Atomic Energy Commission. Radiography. 2,541,599, Feb. 13.

Morrison, Philip, Pittsburgh, Pa., assignor to the United States of America as represented by the United States Atomic Energy Commission. X-ray shield. 2,580,360, Dec. 25.
Morrison, Robert H., Morristown, and J. E. Badgley, Fanwood, N. J. Waste container. 2,554,048, May 22.
Morrison, Robert S.: *See*—
Boegly, William J., Bennett, Morrison, and Powell.
Morrison, Russell A., Detroit, Mich. Ballast removal apparatus. 2,548,677, Apr. 10.
Morrison, Samuel O., deceased, Media, Pa.; E. P. Morrison, executrix of said S. O. Morrison, assignor to Sunroc Refrigeration Company, Dover, Del. Cup dispenser. 2,543,746, Mar. 6.
Morrison, Samuel O., deceased, by E. P. Morrison, executrix, Media, Pa., assignor to Sunroc Refrigeration Company, Dover, Del. Sanitary water cooler. 2,554,417, May 22.
Morrison, Wendell C., Princeton, N. J., assignor to Radio Corporation of America. Variable phase shifter. 2,547,767, Apr. 3.
Morrison, Wendell C., Princeton, N. J., assignor to Radio Corporation of America. Computing device. 2,568,927, Sept. 25.
Morrison, Willard L., Highland Park, Ill. Freezing food. 2,555,502, June 5.
Morrison, Willard L., Highland Park, Ill. Refrigerator. 2,559,367, July 3.
Morrison, Willard L., Lake Forest, Ill. Device for evaporating disinfectants. 2,539,696, Jan. 30.
Morrison, Willard L., Lake Forest, Ill. Container having refrigerated partition. 2,540,956, Feb. 6.
Morrison, Willard L., Lake Forest, Ill. Refrigerator and evaporator therefor. 2,548,441, Apr. 10.
Morrison, Willard L., Lake Forest, Ill. Heat insulated container having foamed plastic insulation. 2,552,641, May 15.
Morrison, Willard L., Lake Forest, Ill. Heat exchanger. 2,565,513, Aug. 28.
Morrison, Willard L., Jr., Akron, Ohio, assignor to Magnetic Power, Inc., Wilmington, Del. Magnetic power unit power take-off. 2,546,949, Mar. 27.
Morrison, Willard L., Jr., Akron, Ohio, assignor to Magnetic Power, Inc., Wilmington, Del. Flexible magnetic power take-off. 2,579,154, Dec. 18.
Morrison, Willard L., Jr., Chicago, Ill., assignor to West Bend Aluminum Co., West Bend, Wis. Pressure cooker. 2,559,728, July 10.
Morrison, Willard L., Jr., assignor to West Bend Aluminum Co., West Bend, Wis. Pressure cooker. 2,538,583, Jan. 16.
Morrison, Willard L., Jr., assignor to West Bend Aluminum Co., West Bend, Wis. Safety pressure release for pressure cookers. 2,552,642, May 15.
Morrison, William A., Easton, Pa., assignor to Ingersoll-Rand Company, New York, N. Y. Feeding device for rock drills. 2,546,107, Mar. 20.
Morrissey, John J., Torrington, Conn. Fishing float. 2,556,932, June 12.
Morrissey, Patrick W., Racine, Wis., assignor to J. I. Case Company. Adjustable grain separator sieve section. 2,554,416, May 22.
Morrissey, Patrick W., Racine, Wis., assignor to J. I. Case Company. Field forage harvester. 2,570,147, Oct. 2.
Morrogh, Henton, assignor to The British Cast Iron Research Association, Alvechurch, Birmingham, England. Production of cast iron. 2,552,204, May 8.
Morrogh, Henton, and A. G. Gardner, Alvechurch, near Birmingham, England, assignors, by mesne assignments, to Union Carbide and Carbon Corporation. Manufacture of iron castings. 2,536,204, Jan. 2.
Morrone, Joseph A., Westerly, R. I. Combined vehicle tire and antiskid device therefor. 2,552,995, May 15.
Morrone, Joseph A., Westerly, R. I. Single-trigger double-barrel firearm. 2,568,556, Sept. 18.
Morrow, David, and C. E. Cummiskey, U. S. Navy. Adjustable quick release strap splice. 2,549,841, Apr. 24.
Morrow, Forrest M.: *See*—
McNabb, Carlos, Whitley, and Morrow.
Morrow, Harry M., and C. L. Bowman, Canton, Ohio, assignors to The Bowdil Company. Holder for bits. 2,551,962, May 8.
Morrow, James R., Meadow, Tex. Grain storage terminal. 2,571,277, Oct. 16.
Morrow, John B.: *See*—
Mandolf, Henry I., and Morrow.
Morrow, Morris R., and J. W. Smalling, Baytown, Tex., assignors, by mesne assignments, to Standard Oil Development Company, Elizabeth, N. J. Extractive distillation process. 2,570,066, Oct. 2.
Morrow, Patrick M., San Francisco, Calif. Trailer axle and wheel spring suspension. 2,558,311, June 26.
Morse, Albert H., Beverly, Mass. Combination draft window and screen. 2,548,040, Apr. 10.
Morse, Albert H., Beverly, Mass. Window appliance. 2,548,041, Apr. 10.
Morse Boulger Destructor Company, assignee: *See*—
Corydon, Jeff, II.
Morse, Carlton L.: *See*—
Fitzgerald, James W., Hurdle, and Morse.
Morse Chain Co., assignee: *See*—
Bremer, Norman C.
Morse, Clarence W., assignee: *See*—
Newlove, Benjamin C.
Morse, Clifford W., Normandy, Mo. Needlework frame. 2,555,896, June 5.
Morse, Harold H., Bartlesville, Okla., assignor to Phillips Petroleum Company. Effecting contact in a pebble heater. 2,555,052, May 29.
Morse, Isidore, Bronx, N. Y. Soap holder. 2,560,699, July 17.
Morse, John F., Hudson, Ohio. Mechanical linkage. 2,570,702, Oct. 9.
Morse, John W., Westmoreland Hills, Md., and J. Pearlstein, Arlington, Va. Moisture absorbing device. 2,539,587, Jan. 30.
Morse, Lawrence H., Mentor, assignor to Addressograph-Multigraph Corporation, Cleveland, Ohio. Sheet feeding apparatus. 2,561,030, July 17.
Morse, Leighton L., San Diego, Calif. Apparatus for measurement of time intervals between pulses. 2,567,229, Sept. 11.
Morse, Malcolm W., Wellesley Hills, Mass. Insulated cup. 2,563,352, Aug. 7.
Morse, Milton, assignor to University Loudspeakers Inc., New York, N. Y. Electroacoustic transducer for actuating loudspeakers. 2,538,026, Jan. 16.
Morse, Richard S.: *See*—
Clough, Philip J., Morse, Hellier, and Stauffer.
Morse, Shirley P.: *See*—
Frisbie, Marshall H., and Morse.
Morse, William A., Santa Monica, Calif. Venetian blind. 2,539,690, Jan. 30.
Mort, Ralph H., Portland, Oreg. Washer for cloth-covered rollers. 2,542,205, Feb. 20.
Mortell, J. W., Company, assignee: *See*—
Mortell, John L.
Mortell, John L., Kankakee, Ill., assignor to J. W. Mortell Company. Wiping coating machine. 2,538,945, Jan. 23.
Mortensen, Henry, assignor to Nash-Kelvinator Corporation, Detroit, Mich. Refrigerator having a heat transfer device about door opening. 2,537,314, Jan. 9.
Mortenson, Henry C., Silver Spring, Md. Building structure. 2,543,122, Feb. 27.
Mortenson, Henry C., Silver Spring, Md., assignor to U-Build Corporation, Washington, D. C. Prefabricated house structure. 2,554,418, May 22.
Mortimer, Lynn H.: *See*—
Halahan, John, Lyon, Mortimer, and Aronson.
Mortley, Wilfrid S., Great Baddow, Chelmsford, assignor to Marconi's Wireless Telegraph Company Limited, London, England. Piezoelectric crystal circuit arrangement. 2,551,809, May 8.
Morton, Alfred A., assignor to M & B Industries, Inc., Portland, Oreg. Cord gripping device. 2,553,931, May 22.
Morton, Allen W., Baltimore, Md., assignor to Koppers Company, Inc., Pittsburgh, Pa. Spacer for worn piston ring grooves. 2,564,025, Aug. 14.
Morton, Charles A., assignee: *See*—
Button, Fred L.
Morton, Charles R., Summit, N. J. Fire extinguisher. 2,560,468, July 10.
Morton Engineering Company, assignee: *See*—
Morton, Jens.
Morton, George A.: *See*—
Krieger, Gardner L., and Morton.
Morton, George A., Princeton, N. J., assignor to Radio Corporation of America. Examining the eye with infrared rays. 2,536,305, Jan. 2.
Morton, George A., Princeton, N. J., assignor to Radio Corporation of America. Velocity-selection-type pickup tube. 2,541,374, Feb. 13.
Morton, George A., and G. L. Krieger, Princeton, N. J., assignors to Radio Corporation of America. Analyzing optical images. 2,548,118, Apr. 10.
Morton, Henry I.: *See*—
Forkey, Lyonal D., Peterson, and Morton.
Morton, Henry S., Norfolk, Va. Flow meter attachment for hose nozzles. 2,564,272, Aug. 14.
Morton, Jack A., Neshanic Station, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Wire winding and tensioning device. 2,566,848, Sept. 4.
Morton, Jens, Philadelphia, Pa., assignor to Morton Engineering Company. Precision selector device. 2,565,083, Aug. 21.
Morton, John L., Endicott, and H. O. George, Vestal, assignors to International Business Machines Corporation, New York, N. Y. Laminated dry stencil. 2,562,676, July 31.
Morton, Lewis M., Dallas, Tex. Cigarette holder. 2,550,286, Apr. 24.
Morton Machine Works, assignee: *See*—
Jackson, Stonewall.
Morton, Paul L., Long Beach, Calif. Trestle clamp 2,555,503, June 5.
Morton, Ronald J., Duluth, Minn., assignor to Oliver Iron Mining Company. Anionic flotation process for beneficiating iron ore. 2,551,893, May 8.
Morton Sundour Fabrics Limited, assignee: *See*—
Hannay, Robert S. E., Kilby, and Edmead.
Morton, Walter N. T., Windsor, Ontario, Canada. Ore concentrator. 2,554,480, May 22.
Morton, Whipple V., San Francisco, Calif. Diffusion apparatus. 2,548,996, Apr. 17.
Mortrude, Albert D., Detroit, Mich. Cocktail shaker. 2,577,976, Dec. 11.

Morvey, Joseph E., Flushing, N. Y. Pin punch guide. 2,561,879, July 24.
Morvice, Edward M., Rockford, Ill. Resilient back support for reclining lounge chairs. 2,560,181, July 10.
Morway, Arnold J.: *See*—
Young, David W., and Morway.
Morway, Arnold J., Rahway, and J. C. Zimmer, Union, N. J., assignors to Standard Oil Development Company. Wire rope lubricant. 2,556,289, June 12.
Morway, Arnold J., Rahway, H. L. Leland, Cranford, and G. W. Duncan, Westfield, N. J., assignors to Standard Oil Development Company. Production of lubricating grease. 2,565,981, Aug. 28.
Morway, Arnold J., Rahway, and P. V. Smith, Jr., Westfield, N. J., assignors to Standard Oil Development Company. Preparing a polyvalent metal soap. 2,567,023, Sept. 4.
Morway, Arnold J., Clark-Rahway, and P. V. Smith, Jr., Westfield, N. J., assignors to Standard Oil Development Company. Lubricating grease composition. 2,575,286, Nov. 13.
Morway, Arnold J., Rahway, and J. J. Kolfenbach, Somerville, N. J., assignors to Standard Oil Development Company. Lubricating grease containing soaps of tall oil. 2,576,031, Nov. 20.
Morway, Arnold J., Clark Township, Union County, and D. W. Young, Roselle, N. J., assignors to Standard Oil Development Company. Lubricating grease. 2,576,032, Nov. 20.
Morway, Arnold J., Rahway, and J. J. Kolfenbach, Somerville, N. J., assignors to Standard Oil Development Company. Preparing high-temperature lubricating greases. 2,576,033, Nov. 20.
Mosbacher, Bruce H.: *See*—
Stoyke, Ludwig T., and Mosbacher.
Mosberg, Abraham, assignor of thirty per cent to D. Fischbein, twenty per cent to M. Kaufman, and twenty per cent to A. Fuchs, New York, N. Y. Button sewing attachment for sewing machines. 2,549,920, Apr. 24.
Mosca, Erasmo and J. F., Chicago, Ill. Amusement ride device. 2,573,589, Oct. 30.
Mosca, Joseph F.: *See*—
Mosca, Erasmo and J. F.
Mosch, Alfred, New York, N. Y. Pocket utensil compact. 2,558,265, June 26.
Moscowitz, Abraham: *See*—
Silverman, Isador, and Moscowitz.
Mosebach, Carl H., Honey Brook, Pa. Screen equipment for windows. 2,573,590, Oct. 30.
Moseley, Edwin L.: assignee: *See*—
Clarke, George A.
Moseley, Francis L., Osborn, Ohio, assignor to Collins Radio Company, Cedar Rapids, Iowa. Radio controlled pilot system. 2,576,135, Nov. 27.
Moseley, James T. W.: *See*—
Smith, Russell F., and Moseley.
Moseley, Mortimer H., Eddyville, Ky. Surgical device. 2,544,037, Mar. 6.
Moseley, Nicholas, Sandy Hook, Conn. Game practice device. 2,578,313, Dec. 11.
Moseley, Tomlinson I., Atherton, Calif. Radar scanner apparatus. 2,543,188, Feb. 27.
Moseley, Tomlinson I., Atherton, Calif. Radar scanner unit. 2,544,433, Mar. 6.
Moser, Adam W., Hales Corners, Wis. Swing. 2,553,932, May 22.
Moser, Alton E., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Foundry system for handling castings. 2,554,118, May 22.
Moser, Charles, assignee: *See*—
Burri, Fritz.
Moses, Edmund Q., assignee: *See*—
Rixon, John.
Moser, Frank H., assignor to The Standard Ultramarine Company, Huntington, W. Va. Producing polyhalophthalocyanine pigments. 2,549,842, Apr. 24.
Moser, Franz R., assignor to Oel-und Chemie-Werk A. G., Hausen, near Brugg, Switzerland. Manufacture of a novel binding agent for core sand from sulfite lye. 2,556,333, June 12.
Moser, Franz R., assignor to Oel-und Chemie-Werk A. G., Hausen, near Brugg, Switzerland. Manufacture of a novel binding agent for core sand from sulfite lye. 2,556,334, June 12.
Moser, Franz R., assignor to Oel-und Chemie-Werk A. G., Hausen, near Brugg, Switzerland. Core binding material from drying oils. 2,556,335, June 12.
Moser, Helen A.: *See*—
Lewis, Arthur J., Moser, and Cowan.
Moser, Rudolf, Lyss, assignor to Beweg A.-G., Berne, Switzerland. Machine for inserting supplements into signatures. 2,577,261, Dec. 4.
Moser, Rudolph J., assignor to The National Cash Register Company, Dayton, Ohio. Dual control of differential mechanism for accounting machines. 2,551,690, May 8.
Moses, Douglas V., and J. W. Brumbaugh, Charleston, W. Va., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Automatic gas analyzer. 2,551,281, May 1.
Moses, Edmund Q.: *See*—
Moses, Josephine H. and E. Q.
Moses, Graham L., Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Insulation of generator windings. 2,573,670, Oct. 30.
Moses, Josephine H. and E. Q., Scarborough, N. Y. Curler for making pin curls. 2,575,184, Nov. 13.
Moses, Robert C., Swampscott, assignor to Sylvania Electric Products Inc., Salem, Mass. Audio signal modifying apparatus. 2,580,376, Dec. 25.
Moses, Thomas A., Jr., Edina, assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Control apparatus for aircraft. 2,571,745, Oct. 16.
Mosesman, Max A.: *See*—
Schiller, James C., Bethea, and Mosesman.
Mosesman, Max A., Baytown, Tex., assignor, by mesne assignments, to Standard Oil Development Company, Elizabeth, N. J. Synthesizing hydrocarbons and oxygenated compounds. 2,537,688, Jan. 9.
Mosey, Frederick W., London, England. Strapping machine. 2,549,626, Apr. 17.
Mosher, Chester L., Gardner, and R. N. Owler, Fitchburg, assignors to Heywood-Wakefield Company, Gardner, Mass. Built-in tubular ash tray for chair arms. 2,549,114, Apr. 17.
Mosher, Fred D., Erie, Pa., assignor to The Standard Stoker Company, Incorporated. Locomotive combustion control. 2,547,339, Apr. 3.
Mosher, Kenneth L., Riceville, Iowa. Electric semiautomatic door operator. 2,548,042, Apr. 10.
Mosher, Merrill A.: *See*—
Skowronski, Stanislaus, and Mosher.
Mosher, Oren G., Oakland, assignor to Eagle Machinery Co., Ltd., San Francisco, Calif. Automatic weighing machine. 2,576,411, Nov. 27.
Mosier, Edward M., St. Louis, Mo. Butter dispensing device. 2,554,953, May 29.
Mosier, Edwin K., Closter, and F. X. Gilg, Chatham, assignors to The Babcock & Wilcox Company, Rockleigh, N. J. Water tube boiler with upper and lower transverse drums. 2,549,843, Apr. 24.
Mosier, Fern S., Berkley, Mich. Electrical testing probe. 2,540,402, Feb. 6.
Mosier, Joseph H., Flint, Mich. Boat trailer. 2,540,279, Feb. 6.
Moskovitz, Milton A., Fairfield, Ill. Self-lubricated steering knuckle joint. 2,569,823, Oct. 2.
Moskowitz, Sam, Passaic, N. J., assignor to Walter E. Selck and Co., Chicago, Ill. Linoleum cutter. 2,561,941, July 24.
Moskowitz, Seymour: *See*—
Yellen, David, and Moskowitz.
Mosler Safe Company, The, assignee: *See*—
Binns, Jack N., Dugle, and Alt.
Bremer, Frederick J.
Mosley, Samuel A., St. Albans, W. Va., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Polymerization of vinyl alkyl ethers with aluminum hexahydrosulfate. 2,549,921, Apr. 24.
Mosman, Warren F., assignor to Herring-Hall-Marvin Safe Company, Hamilton, Ohio. Depository safe. 2,562,632, July 31.
Mosolgo, Michael, Perth Amboy, N. J. Window frame and sash. 2,573,155, Oct. 30.
Mosovsky, Charles and J., New York, N. Y. Automatic decline circuit changer. 2,541,711, Feb. 13.
Mosovsky, Joseph: *See*—
Mosovsky, Charles and J.
Moss, Abraham Z., Santa Monica, Calif. Weather deflecting ventilating shield for windows. 2,537,478, Jan. 9.
Moss, Armand, Brooklyn, N. Y. Support for photographic cameras. 2,552,205, May 8.
Moss, Clarence B., Elizabethton, Tenn., assignor to Synthane Corporation, Oaks, Pa. Apparatus for treating synthetic fibers. 2,554,537, May 29.
Moss, Earl C., Westfield, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Gauging apparatus. 2,564,789, Aug. 21.
Moss, Earl C., Westfield, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Gauging apparatus. 2,568,817, Sept. 25.
Moss, Earl C., Westfield, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Gauging apparatus. 2,570,967, Oct. 9.
Moss, Frankling, Hollis, and J. F. Kirby, Jr., Baldwin, assignors to Mosstype Roller Co., Inc., Brooklyn, N. Y. Printing plate mounting and proofing press. 2,539,965, Jan. 30.
Moss, Hanson C., Bear, Del., assignor of one-half to R. S. Dean, Washington, D. C. Producing metal powders. 2,551,452, May 1.
Moss, Hugo H.: *See*—
Hynes, Dibrell P., and Moss.
Moss, Jack N.: *See*—
Martin, Gustav J., and Moss.
Moss, James S.: *See*—
Besag, Arnold.
Moss, Jerry, Chicago, Ill. Handbag. 2,550,199, Apr. 24.
Moss, Philip H.: *See*—
Cook, Elmer W., Kushner, and Moss.
Cook, Elmer W., and Moss.
Hook, Edwin O., and Moss.
Moss, Sanford A., Jr.: *See*—
Coleman, James W., Hall, Merion, Moss, and Pedlow.
Moss, William H.: *See*—
Walker, William, and Moss.

Mossberg, O. F., & Sons, Inc., assignee: *See*—
Bullard, Edwin W.
Mossel, Max N., Fulton, Mo. Butter and salt spreader for corn-on-the-cob. 2,565,874, Aug. 28.
Mosser, James K., Newton, Iowa, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Gas turbine power plant. 2,541,532, Feb. 13.
Mossman, John E., and J. D. Elsom, assignors to C. P. Clare & Co., Chicago, Ill. Relay. 2,539,547, Jan. 30.
Mosso, Angelo, and V. Montanari, assignors to Fiat S. p. A., Turin, Italy. Device for operating the steering linkage of motor vehicles. 2,541,827, Feb. 13.
Mosso, Anthony: *See*—
Fried, Richard H. and W. F., and Mosso.
Mosstype Roller Co., Inc., assignee: *See*—
Moss, Franklin, and Kirby.
Mostek, Jerome L.: *See*—
Teter, John W., and Mostek.
Mostertz, Franz C.: *See*—
Griefen, Richard A., and Mostertz.
Mote, Lewis C., Ottumwa, Iowa. Toothbrush holder. 2,549,115, Apr. 17.
Motel, John, Port Clinton, assignor of 30 per cent to F. J. Lawler, Cleveland, and 35 per cent to J. A. Buck, Port Clinton, Ohio. Toolholder. 2,569,069, Sept. 25.
Moten, William T., Pittsburgh, Pa. Weather strip structure for doors. 2,575,459, Nov. 20.
Moth, Robert H., assignor to The Pure Oil Company, Chicago, Ill. Spark plug. 2,548,170, Apr. 10.
Motiograph, assignee: *See*—
Wienke, Emil J.
Motis, Gilbert M., Burbank, assignor to Northrop Aircraft, Inc., Hawthorne, Calif. Artificial arm. 2,540,374, Feb. 6.
Motis, Gilbert M., Burbank, assignor to Northrop Aircraft, Inc., Hawthorne, Calif. Artificial arm hook or hand with force multiplier and lock. 2,540,375, Feb. 6.
Motis, Gilbert M., Burbank, assignor to Northrop Aircraft, Inc., Hawthorne, Calif. Elbow and lock mechanism for artificial arms. 2,553,830, May 22.
Motis, Gilbert M., Sherman Oaks, assignor to Northrop Aircraft, Inc., Hawthorne, Calif. Prosthetic hook with dual spring load. 2,573,351, Oct. 30.
Motkowicz, Charles, Chicago, Ill. Portable oscillating meat block resurfacer. 2,541,533, Feb. 13.
Motley, Lewis, London, England, assignor to the United States of America as represented by the Secretary of the Army. Gun mounting. 2,556,549, June 12.
Moto Mower Company, assignee: *See*—
George, Edwin S., and Gibbons.
Motom G. m. b. H., assignee: *See*—
Falchetto, Battista G.
Motor Industry Research Association, The, assignee: *See*—
Dykes, Paul D.
Motor Products Corporation, assignee: *See*—
Mackey, Henry W.
Schweitzer, Louis.
Whitmore, Harland W.
Motor Wheel Corporation, assignee: *See*—
Aldrich, Harry J.
Horn, Harry J.
Miller, John W.
Motorola, Inc., assignee: *See*—
Budlane, Stanley J.
Clark, James M., and Counts.
Elliott, Harold F.
English, Robert R.
Fyler, George W.
Fyler, George W., and Heisig.
Gee, William O., Jr.
Hunt, William J.
Lense, Ralph J.
Lense, Ralph J., and Holzinger.
Mitchell, Donald H.
Noble, Daniel E.
Schlesinger, Kurt.
Wallin, Gus W.
Winkler, Marion R.
Motorspeed Corporation, The, assignee: *See*—
Knauth, Berthold A.
Knauth, Berthold A., and Chin.
Motoview, Inc., assignee: *See*—
Miller, Max O.
Mott, Carl W.: *See*—
Carlson, Arthur E., and Mott.
Mott, Carl W., La Grange, Ill., assignor to International Harvester Company. Fluid-actuated ram couple. 2,551,453, May 1.
Mott, Carl W., La Grange, Ill., assignor to International Harvester Company. Auxiliary power-transmitting apparatus for tractors. 2,551,454, May 1.
Mott, Carl W., La Grange Park, assignor to Elgin Sweeper Company, Elgin, Ill. Side broom assembly and drive. 2,558,623, June 26.
Mott, Carl W., La Grange, Ill., assignor to International Harvester Company. Remote motor control. 2,577,351, Dec. 4.
Mott Carton and Paper Company, assignee: *See*—
Winkler, Elmer L.
Mott, Edward E., Upper Montclair, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electroacoustic transducer. 2,540,487, Feb. 6.
Mott, Edward E., Upper Montclair, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electroacoustic transducer. 2,566,849, Sept. 4.
Mott, Edward E., Upper Montclair, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electroacoustic transducer. 2,566,850, Sept. 4.
Mott, Edward E., Upper Montclair, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone mounting. 2,578,367, Dec. 11.
Mott, Stanley F., Leamington Hastings, near Rugby, England. Manure spreading machine. 2,570,472, Oct. 9.
Motte, Charles M., Paris, France. Combined suspension hub and shock-absorber for vehicle wheels. 2,537,479, Jan. 9.
Motter, Paul J.: *See*—
McKinney, Guy E., and Motter.
Mottern, Henry O.: *See*—
Archibald, Francis M., and Mottern.
Mann, Matthew D., Jr., and Mottern.
Mottern, Henry O., Bloomfield, N. J., assignor to Standard Oil Development Company. Preparation of unsaturated ketones and aldehydes. 2,549,508, Apr. 17.
Mottern, Henry O., Bloomfield, N. J., assignor to Standard Oil Development Company. Dehydrogenation catalyst. 2,549,844, Apr. 24.
Mottu, André, Genthod-Geneva, assignor to Societe Genevoise d'Instruments de Physique, Geneva, Switzerland. Optical controlling or inspecting arrangement for verifying the cross sections of pieces with complex profiles. 2,574,119, Nov. 6.
Moufang, Harry F.: *See*—
Moulton, Joseph D., Enters, and Moufang.
Mougel, Morton W., Middletown, N. Y. Ear muff arrangement for caps. 2,572,746, Oct. 23.
Moul, William S., York, Pa. Automatic control circuit. 2,541,477, Feb. 13.
Moulden, Tony M., Montrose, Calif. Variable displacement pump. 2,568,356, Sept. 18.
Moulden, Tony M., Montrose, Calif. Variable-displacement radial-piston pump. 2,568,357, Sept. 18.
Moule, Rex E., assignor to Norton Company, Worcester, Mass. Pump and control. 2,541,086, Feb. 13.
Moule, Rex E., assignor to Norton Company, Worcester, Mass. Apparatus and method for handling capsules. 2,545,299, Mar. 13.
Moule, Rex E., assignor to Norton Company, Worcester, Mass. Capsule making machine and method. 2,549,327, Apr. 17.
Moule, Rex E., Holden, assignor to Norton Company, Worcester, Mass. Stripper mechanism for encapsulating machines. 2,561,942, July 24.
Moulton, Harold R., assignor to American Optical Company, Southbridge, Mass. Forming a reflection reducing coating. 2,536,764, Jan. 2.
Moulton, Joseph D., West Orange, R. F. Enters, Hackensack, and H. F. Moufang, Livingston, assignors to Thomas A. Edison, Incorporated, West Orange, N. J. Electric battery. 2,561,943, July 24.
Moulton, Wayne B., Detroit, Mich. Fish lure. 2,574,702, Nov. 13.
Mounique, André, assignor to Societe Nouvelle des Etablissements Jumo, Paris, France. Retractable office lamp. 2,543,926, Mar. 6.
Mount Airy Knitting Co., assignee: *See*—
Crossingham, James H.
Mount, Wadsworth W., Summit, N. J., assignor to Intertype Corporation, Brooklyn, N. Y. Swivel terminal for cables. 2,571,052, Oct. 9.
Mountain Brake and Engineering Corporation, assignee: *See*—
Stevens, Clifton C., and Sanders.
Mountain Copper Company, Ltd., The, assignee: *See*—
Rowe, Percy J.
Mountain, Edward, and G. D. Lawton, Providence, R. I. Motor mount. 2,568,290, Sept. 18.
Mountstephen, Edred R., London, England. Automatic burglar and fire alarm. 2,537,599, Jan. 9.
Mourfield, Carl L., Dallas, Tex. Simultaneous exposure camera. 2,565,618, Aug. 28.
Mouron, Bertrand D.: *See*—
Sherwood, Robert C., and Mouron.
Moushey, Charles L., Mount Vernon, and J. C. Hall, assignors to Hydromotor, Incorporated, Orrville, Ohio. Rubber seal for hydraulic motors. 2,540,903, Feb. 6.
Mousset, René: *See*—
Balzeau, Charles, and Mousset.
Mouzon, James C., Chevy Chase, Md., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Conversion apparatus. 2,571,746, Oct. 16.
Mouzon, James C., Philadelphia, Pa., assignor, by mesne assignments, to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Measuring and controlling apparatus. 2,554,717, May 29.
Mouzon, James C., Philadelphia, Pa., assignor, by mesne assignments, to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Measuring and controlling apparatus. 2,560,734, July 17.
Mouzon, James C., Wyndmoor, Pa., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Alternating-current motor control apparatus. 2,574,837, Nov. 13.
Mouzon, James C., Philadelphia, Pa., E. S. Lamar, Rockville, Md., and J. Bardeen, Washington, D. C. Ship's magnetic submarine detector. 2,549,845, Apr. 24.

Movie-Mite Corporation, assignee: *See*—
Fogle, Francis P.
Wilson, William G.
Mowat, John H., Orangeburg, and C. W. Waller, Pearl River, assignors to American Cyanamid Company, New York, N. Y. Producing aminobenzoyl amino acids. 2,537,366, Jan. 9.
Mowry, David T.: *See*—
Ham, George E., and Mowry.
Morner, Richard R., and Mowry.
Schlesinger, Arthur H., and Mowry.
Mowry, David T., Dayton, Ohio, assignor to Monsanto Chemical Company, St. Louis, Mo. 4-keto-1,3-benzodioxane derivatives. 2,540,988, Feb. 6.
Mowry, David T., and E. L. Ringwald, Dayton, Ohio, assignors to Monsanto Chemical Company, St. Louis, Mo. Polyamide resins. 2,537,689, Jan. 9.
Mowry, David T., Dayton, Ohio, and N. R. Piesbergen, Collinsville, Ill., assignors to Monsanto Chemical Company, St. Louis, Mo. Fungicidal treatment. 2,537,690, Jan. 9.
Mowry, David T., and R. R. Morner, Dayton, Ohio, assignors to Monsanto Chemical Company, St. Louis, Mo. Fungicidal treatment. 2,537,691, Jan. 9.
Mowry, David T., Dayton, Ohio, and R. B. Seymour, Brunswick, N. J., assignors to Monsanto Chemical Company, St. Louis, Mo. Isopropenylbiphenyl copolymers. 2,544,393, Mar. 6.
Mowry, David T., and G. E. Ham, Dayton, Ohio, assignors to Monsanto Chemical Company, St. Louis, Mo. Copolymers of vinyl acetate and allyl carbanilates. 2,556,437, June 12.
Mowry, David T., and R. B. Seymour, Dayton, Ohio, assignors to Monsanto Chemical Company, St. Louis, Mo. Ar-cyclohexylstyrene and polymer thereof. 2,572,572, Oct. 23.
Moy, Arthur, Detroit, Mich. Nondrip dispensing bottle stopper. 2,549,225, Apr. 17.
Moy, Paul W., assignor to The Harshaw Chemical Company, Cleveland, Ohio. Electrodeposition of nickel. 2,539,588, Jan. 30.
Moyer, C. L., Company, assignee: *See*—
Moyer, Charles L.
Roessl, Carl A., and Fendius.
Moyer, Charles L., deceased, Chicago, Ill., by C. S. Bassett, executor, assignor to C. L. Moyer Company, Chicago, Ill. Five-knife four-stage book trimmer. 2,562,938, Aug. 7.
Moyer, Elmo E., Scotia, N. Y., assignor to General Electric Company. Thyratron control system for series motors. 2,552,206, May 8.
Moyer, Frederick D., Chicago, Ill., assignor to Chicago Bridge & Iron Company. Seal hanger for floating roofs. 2,554,497, May 29.
Moyer, Frederick D., Chicago, Ill., assignor to Chicago Bridge & Iron Company. Support for a seal for a floating roof. 2,576,136, Nov. 27.
Moyer, Frederick D., Chicago, Ill., assignor to Chicago Bridge & Iron Company. Mixing apparatus for tanks. 2,577,797, Dec. 11.
Moyer, Frederick D., and E. S. Fraser, Chicago, Ill., assignors to Chicago Bridge & Iron Company. Vessel for external pressure. 2,557,990, June 26.
Moyer, Frederick D., and J. W. Allen, Chicago, Ill., assignors to Chicago Bridge & Iron Company. Vent for floating roof tanks. 2,564,711, Aug. 21.
Moyer, Joseph K., assignor to The Hoover Company, North Canton, Ohio. Electric iron. 2,554,341, May 22.
Moyer, Robert B., Los Angeles, Calif. Poker chip stand. 2,569,324, Sept. 25.
Moyer, Robert C.: *See*—
Christensen, John W., and Moyer.
Moyer, Samuel P., Butte, Mont., assignor to American Cyanamid Company, New York, N. Y. Flotation of cobaltite. 2,573,865, Nov. 6.
Moyer, Samuel P., Greenwich, Conn., assignor to American Cyanamid Company, New York, N. Y. Flotation of ilmenite ores. 2,557,455, June 19.
Moyer, Wendell W., assignor to A. E. Staley Manufacturing Company, Decatur, Ill. Treatment of corn steep water for penicillin production. 2,563,793, Aug. 7.
Moyers, William R., Sr., St. Augustine, Fla. Growing doll. 2,564,813, Aug. 21.
Moyle, Clarence L.: *See*—
Drake, Lewis R., and Moyle.
Moyle, Clarence L., Clare, assignor to The Dow Chemical Company, Midland, Mich. O, O-di (2-allylphenyl) N-alkylamidothiophosphates. 2,552,575, May 15.
Moyle, Clarence L., Clare, assignor to The Dow Chemical Company, Midland, Mich. Amidothiophosphates. 2,552,576, May 15.
Moyle, Clarence L., Clare, assignor to The Dow Chemical Company, Midland, Mich. Diamidothiophosphates. 2,552,577, May 15.
Moyle, Clarence L., Clare, and E. E. Kenaga, assignors to The Dow Chemical Company, Midland, Mich. Amidothiophosphates. 2,552,574, May 15.
Moynahan Bronze Company, assignee: *See*—
Allee, Herbert D.
Cudini, Roger G.
Patton, John W., and Cudini.
Mozena, Clair D., Aredale, Iowa. Electric bulb handling device. 2,556,701, June 12.
Mozingo, Ralph: *See*—
Harris, Stanton A., Mozingo, Arth, and Folkers.
Lawhead, James S., Mozingo, and Van de Kamp.
McPherson, James F., and Mozingo.
Mozingo, Ralph, Elizabeth, J. F. McPherson, Rahway, and K. Folkers, Plainfield, assignors to Merck & Co., Inc. Rahway, N. J. Alkaloid salts of N-formyl-s-benzyl-d-penicillamine and preparation thereof. 2,539,854, Jan. 30.
Mozley, Robert F., Berkeley, Calif., assignor to The Sperry Corporation. Automatic gain-control system. 2,538,028, Jan. 16.
Mozley, Robert F., and J. E. Shepherd, Hempstead, N. Y., assignors to The Sperry Corporation. Automatic and manual ranging circuits. 2,538,027, Jan. 16.
Mozzanini, Georges G., and V. P. Lebertre, Neuilly-sur-Seine, France. Apparatus for control of the speed of direct-current motors. 2,539,791, Jan. 30.
Mráz, Jiří: *See*—
Jozíf, Josef, and Mráz.
Mroz, Matthew Z.: *See*—
Adler, Harold J., and Mroz.
Mrofka, Joseph J., Massillon, Ohio. Ironing board height adjuster. 2,578,826, Dec. 18.
Muc, Miloslav, Slatinice, near Olomouc, assignor to Bata, narodni podnik, Zlin, Czechoslovakia. Shoe sewing machine. 2,562,810. July 31.
Muc, Miloslav, Slatinice, near Olomouc, assignor to Bata, narodni podnik, Zlin, Czechoslovakia. Presser foot control for sewing machines. 2,580,238, Dec. 25.
Mucher, George J., assignor to Clarostat Mfg. Co., Inc., Brooklyn, N. Y. Magnetic structure for use in ion-traps. 2,552,341, May 8.
Mucher, George J., assignor to Clarostat Mfg. Co., Inc., Brooklyn, N. Y. Ion trap. 2,575,067, Nov. 13.
Mucher, George J., Rochester, assignor to Clarostat Mfg. Co., Inc., Dover, N. H. Resistor. 2,538,977, Jan. 23.
Mucher, George J., Rochester, assignor to Clarostat Mfg. Co., Inc., Dover, N. H. Magnetic structure for use in ion-traps. 2,552,342, May 8.
Mucher, George J., Rochester, assignor to Clarostat Mfg. Co., Inc., Dover, N. H. Resistor. 2,557,793, June 19.
Mucher, George J., Rochester, assignor to Clarostat Mfg. Co., Inc., Dover, N. H. Control. 2,572,651, Oct. 23.
Muchmore, Robert B., Hawthorne, Calif., assignor to The Sperry Corporation, Great Neck, N. Y. High-frequency bridge circuit. 2,579,751, Dec. 25.
Muchmore, Robert B., Hempstead, N. Y., assignor to The Sperry Corporation. Wave guide modulating and switching apparatus. 2,544,715, Mar. 13.
Muchmore, Thomas F. C., Silver Spring, Md., assignor to the United States of America as represented by the Secretary of the Navy. Self-triggering thyratron pulse generator. 2,543,730, Feb. 27.
Muchow, William M., Evanston, Ill. Perfume case. 2,552,207, May 8.
Mudd, Ora C., Houston, Tex., assignor to Shell Development Company, San Francisco, Calif. Grounding device for electrical conductors. 2,552,208, May 8.
Mudge, William A., assignor to The International Nickel Company, Inc., New York, N. Y. Thermostatic device. 2,578,197, Dec. 11.
Muddiman, Earll R., Wilkinsburg, Pa., assignor to United States Steel Company. Punching machine for sampling moving strips. 2,546,469, Mar. 27.
Muddiman, Earll R., Wilkinsburg, Pa., assignor to United States Steel Company. Drive for porcupine sheet-turnover rack with timing-adjusting means. 2,565,779, Aug. 28.
Müdespacher, Paul, assignor to Verwaltungsgesellschaft der Werkzeugmaschinenfabrik Oerlikon, Zurich-Oerlikon, Switzerland. Breech block return mechanism. 2,557,134, June 19.
Mudgway, James B., Auckland, New Zealand. Skiving device for use in heel assembling. 2,546,864, Mar. 27.
Muehlbauer, Carl, Flensburg, Minn. Watchcase wrench. 2,541,431, Feb. 13.
Muehlbauer, Carl, Flensburg, Minn. Compass attachment for wrist watch straps and bands. 2,541,432, Feb. 13.
Muehleisen, Herman, assignor to Muehleisen Perlite Process, Inc., Fort Worth, Tex. Air heating gas burner. 2,539,153, Jan. 23.
Muehleisen Perlite Process, Inc., assignee: *See*—
Muehleisen, Herman.
Muehler, Lowell E., assignor to Eastman Kodak Company, Rochester, N. Y. Acidifying compound for photographic baths. 2,548,552, Apr. 10.
Muehlhaus, Frank R., and M. Muehlhaus, Milwaukee, Wis. Plunger type mixer. 2,555,756, June 5.
Muehlhaus, Mary: *See*—
Muehlhaus, Frank R., and M.
Muehlhausser, Carl K.: *See*—
Dawsey, Lynn H., Muehlhausser, and Umhoefer.
Muehlstein, Francis J., St. Paul, Minn. Duck call. 2,555,240, May 29.
Mueller, Adalbert C., and C. E. Adams, assignors to The Denison Engineering Company, Columbus, Ohio. Automatic dinnerware making machine. 2,557,884, June 19.
Mueller, Agatha C.: *See*—
Mueller, Joseph H., C. A., Sr., A. C., and C. A., Jr.
Mueller, Albert C.: *See*—
Shokal, Edward C., and Mueller.
Mueller, Albert, Columbus, Nebr. Adjustable portable mortarboard. 2,556,207, June 12.

Mueller, Albert, Kiester, Minn. Face guard restraining device. 2,574,222, Nov. 6.
Mueller, Bernard L.: *See*—
Loewi, Mortimer W., Furman, and Mueller.
Mueller Brass Co., assignee: *See*—
Gray, John E.
Mueller, Camillo J., New York, N. Y. Extraction apparatus. 2,577,429, Dec. 4.
Mueller, Charles A., Jr.: *See*—
Mueller, Joseph H., C. A., Sr., A. C., and C. A., Jr.
Mueller, Charles A., Sr.: *See*—
Mueller, Joseph H., C. A., Sr., A. C., and C. A., Jr.
Mueller, Charles W., Princeton, N. J., assignor to Radio Corporation of America. Deflection beam tube. 2,551,810, May 8.
Mueller Co., assignee: *See*—
Cline, Earl E., and Tratzik.
Gould, Wallace E.
Mueller, Frank H.
Mueller, Frank H., and Bowan.
Mueller, Frank H., and Smith.
Mueller, Lucien W., Bowan, and Gould.
Mueller, Robert H.
Mueller, Robert H., and Cline.
Smith, John J.
Tratzik, Frederick.
Mueller, Conrad B., Jr., Lakewood, Ohio. Poultry picker. 2,543,372, Feb. 27.
Mueller, Donald W.: *See*—
Mongan, Charles E., Jr., and Mueller.
Mueller Electric Company, assignee: *See*—
Flynn, Alfred A.
Mueller, Ervin H., Grosse Pointe, Mich. Gas burner with variable port size. 2,537,692, Jan. 9.
Mueller, Ervin H., Grosse Pointe, Mich. Gas burner mixing tube. 2,541,433, Feb. 13.
Mueller, Ervin H., Grosse Pointe, Mich. Valve for controlling fuel gas. 2,543,189, Feb. 27.
Mueller, Ervin H., Grosse Pointe, Mich. Lock for valve caps or the like. 2,550,421, Apr. 24.
Mueller, Ervin H., Grosse Pointe, Mich. Timing mechanism. 2,554,260, May 22.
Mueller, Ervin H., Grosse Pointe, Mich. Valve for controlling gas. 2,554,470, May 22.
Mueller, Ervin H., Grosse Pointe, Mich. Valve for controlling gaseous fuel. 2,561,531, July 24.
Mueller, Ervin H., Grosse Pointe, Mich. Gas burner cap and base joined by bayonet-type fastening means. 2,562,505, July 31.
Mueller, Ervin H., Grosse Pointe, Mich. Valve for controlling fuel gas. 2,572,507, Oct. 23.
Mueller, Frank H., assignor to Mueller Co., Decatur, Ill. Valve. 2,547,831, Apr. 3.
Mueller, Frank H., and J. J. Smith, assignors to Mueller Co., Decatur, Ill. Feed sleeve connection for drilling machines and the like. 2,549,702, Apr. 17.
Mueller, Frank H., and W. J. Bowan, assignors to Mueller Co., Decatur, Ill. Liquid meter yoke. 2,574,982, Nov. 13.
Mueller, Frank H., and W. J. Bowan, assignors to Mueller Co., Decatur, Ill. Adjustable meter support. 2,576,630, Nov. 27.
Mueller, Fritz W. H., Binghamton, assignor to General Aniline & Film Corporation, New York, N. Y. N-substituted isoalloxazines as catalysts in the dye bleach baths for color photography. 2,541,884, Feb. 13.
Mueller, Fritz W. H., and B. R. Harriman, Binghamton, assignors to General Aniline & Film Corporation, New York, N. Y. Hardened gelatino-silver halide emulsion. 2,553,506, May 15.
Mueller, George: *See*—
Opie, Joseph W., Seifter, Bruce, and Mueller.
Mueller, Herman G., Erie, Pa. Vortical flame gas burner. 2,565,039, Aug. 21.
Mueller, Herman G., Erie, Pa. Fluid pressure means for adjusting the valve gear for steam engines. 2,571,278, Oct. 16.
Mueller, Herman G., Erie, assignor, by mesne assignments, to Skinner Engine Co., Pittsburgh, Pa. Multiple expansion steam engine. 2,572,652, Oct. 23.
Mueller, Herman H., assignor of one-quarter to G. L. Bowman, Ephrata, and one-eighth to J. L. Bowman, Denver, Pa. Phonograph record album. 2,546,470, Mar. 27.
Mueller, Herman H., assignor of one-quarter to G. L. Bowman, Ephrata, one-eighth to J. L. Bowman, Denver, and one-sixteenth to S. A. Radzay, Ephrata, Pa. Interlocking phonograph turntable cover. 2,559,786, July 10.
Mueller, Homer L., assignor to The Cleveland Welding Company, Cleveland, Ohio. Coaster brake. 2,572,182, Oct. 23.
Mueller, John, Brooklyn, assignor to Remington Rand Inc., Buffalo, N. Y. Printing interpreter. 2,550,370, Apr. 24.
Mueller, Joseph H., Cleveland, Ohio. Umbrella. 2,554,204, May 22.
Mueller, Joseph H., C. A., Sr., A. C., and C. A., Jr., Cleveland, Ohio. Umbrella. 2,563,353, Aug. 7
Mueller, Joseph J., assignor to Auto Specialties Manufacturing Company, St. Joseph, Mich. Hydraulic jack. 2,548,902, Apr. 17.
Mueller, Joseph J., assignor to Auto Specialties Manufacturing Company, St. Joseph, Mich. Hydraulic jack. 2,548,903, Apr. 17.
Mueller, L. J., Furnace Company, assignee: *See*—
Hagemann, Hans H., and Heise.
Mueller, Leo G., West Roxbury, Mass., assignor, by mesne assingnments, to Swank, Inc. Coinpurse construction for billfolds. 2,557,836, June 19.
Mueller, Lucien W., W. J. Bowan, and W. E. Gould, assignors to Mueller Co., Decatur, Ill. Valve. 2,571,925, Oct. 16.
Mueller, Paul G., Los Angeles, Calif. Automatic regeneration control apparatus for water softeners. 2,539,748, Jan. 30.
Mueller, Paul M., Rome, N. Y., assignor to Hubbard Spool Company, Chicago, Ill. Spool. 2,538,584, Jan. 16.
Mueller, Raymond W., Baltimore, and R. Stech, Govans, Md., assignors to Western Electric Company, Incorporated, New York, N. Y. Apparatus for gauging the lengths of articles. 2,577,144, Dec. 4.
Mueller, Robert H., assignor to Mueller Co., Decatur, Ill. Packing assembly. 2,537,230, Jan. 9.
Mueller, Robert H., and E. E. Cline, assignors to Mueller Co., Decatur, Ill. Fire hydrant valve operator. 2,576,631, Nov. 27.
Mueller, Robert J., Milwaukee, and I. Burgeson, West Allis, assignors to General Electric X-Ray Corporation. Milwaukee, Wis. Serialographic apparatus and X-ray equipment embodying same. 2,552,858, May 15.
Mueller, Rudolph J., assignor to Holeproof Hosiery Co., Milwaukee, Wis. Cutter and sealer. 2,551,811, May 8.
Mueller, Theodore G., assignor to J. E. Martin Equipment Corporation, Buffalo, N. Y. Timing apparatus. 2,560,516, July 10.
Mueller, William A.: *See*—
Rogers, Linwood N., Mueller, and Hembree.
Mueller, William A., River Forest, and W. Peckat, Riverside, Ill., assignors to Charles Peckat Manufacturing Company. Support for vehicle visors. 2,541,271, Feb. 13.
Mueller, William J., Racine, Wis. Means to prevent breaking of awning valances. 2,557,306, June 19.
Muench, Carl G., Glenview, assignor to The Celotex Corporation, Chicago, Ill. Granule depositing method and apparatus. 2,543,251, Feb. 27.
Muench, Carl G., Glenview, assignor to The Celotex Corporation, Chicago, Ill. Apparatus for the manufacture of brick siding. 2,559,543, July 3.
Muench, Carl G., Glenview, Ill. Mobile mechanically propelled sprinkler. 2,575,828, Nov. 20.
Muench, Carl G., Glenview, assignor to The Celotex Corporation, Chicago, Ill. Conveyer apparatus. 2,578,314, Dec. 11.
Muffly, Gary: *See*—
Vacquier, Victor V., and Muffly.
Muffly, Gary, Penn Township, Allegheny County, assignor to Gulf Research & Development Company, Pittsburgh, Pa. Apparatus for measuring intensity of magnetic field. 2,564,854, Aug. 21.
Muffly, Glenn, Springfield, Ohio. Refrigerating mechanism. 2,540,343, Feb. 6.
Muffly, Glenn, Springfield, Ohio. Refrigerator wall and closure. 2,544,394, Mar. 6.
Muffly, Glenn, Springfield, Ohio. Refrigerator. 2,562,811, July 31.
Muffly, Glenn, Springfield, Ohio. Two-temperature refrigeration control. 2,565,145, Aug. 21.
Muffly, Glenn, Springfield, Ohio. Ice maker and bottle cooler. 2,572,508, Oct. 23.
Mugdan, Martin, Richmond, England, assignor to The Distillers Company, Limited, Edinburgh, Scotland. Recovery of bromine from hydrogen bromide. 2,536,457, Jan. 2.
Muggli, Victor V., Minneapolis, Minn. Toy gun. 2,578,198, Dec. 11.
Muhlhauser, Fritz, Chicago, Ill. Child's book. 2,548,043, Apr. 10.
Muhlhauser, Fritz, Chicago, Ill. Protective fingernail covering and mounting same. 2,563,689, Aug. 7.
Muhm, George W., deceased, Portland, Oreg.; G. E. Muhm, administratrix of said G. W. Muhm. Graff. 2,580,361, Dec. 25.
Muhm, Gertrude E., administratrix: *See*—
Muhm, George W.
Muir, Brockett, Olney, Md. Flashlight. 2,561,532, July 24.
Muir, James O., Arlington, N. J. Simulated flower with thermosatic action. 2,561,217, July 17.
Muir, William P., Hempstead, assignor to Dominion Engineering Works Limited, Lachine, Quebec, Canada. Hydraulic press. 2,541,534, Feb. 13.
Muirhead and Company Limited, assignee: *See*—
Davidson, James A. B.
Tucker, Edwin W.
Mulatti, Ivano and L. Cremonini, Milan, Italy. Shuttle replenishing mechanism. 2,550,287, Apr. 24.
Mulder, Johannes G. W., T. Jurriaanse, and F. M. Penning, Eindhoven, Netherlands, assignors, by mesne assignments, to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Magnetic field controlled gas filled discharge device. 2,543,702, Feb. 27.
Mulder, Johannes G. W., and F. M. Penning, Eindhoven, Netherlands, assignors to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Device comprising a glow discharge tube. 2,577,352, Dec. 4.
Mulder, Rudolf, Haarlem, Netherlands. Clamp for scaffolding and like structures. 2,542,424, Feb. 20.

Mulhern, Frederick J., Troy, N. Y. Timing device. 2,544,346, Mar. 6.
Mulhern, Marvin J.: *See*—
Herskind, Carl C., and Mulhern.
Mulholland, C. B., Jr., assignee: *See*—
Wilcox, Ralph R., Jr.
Mulholland, David E., Reading, Pa. Pit raiser. 2,542,557, Feb. 20.
Mulholland, Frank J., Hempstead, assignor to Republic Aviation Corporation, Farmingdale, N. Y. Airfoil. 2,575,185, Nov. 13.
Mulholland, James R., University Heights, Ohio. Ring and traveler for twister frames. Re. 23,402, Aug. 28.
Mulkey, Sam, Company, assignee: *See*—
Hatcher, Grant E.
Mull, Dwight E.: *See*—
Simmons, John C., Setzer, and Mull.
Mullan, Joseph, Baltimore, Md. Key detachment device. 2,547,340, Apr. 3.
Mullaney, Ralph A.: *See*—
Emde, Kurt, and Mullaney.
Mullaney, Ralph A., Elmwood Park, Ill., assignor to Zenith Radio Corporation. Record playing adapter. 2,554,919, May 29.
Mullaney, Ralph A., Elmwood Park, Ill., assignor to Zenith Radio Corporation. Record-playing adapter. 2,563,546, Aug. 7.
Mullen, John B., Chicago, assignor, by mesne assignments, to Burgess Battery Company, Freeport, Ill. Deferred action primary battery. 2,564,495, Aug. 14.
Mullen, Raymond J., Leominster, Mass. Border lighting for motion-picture projection. 2,558,660, June 26.
Muller, Albert, Plainfield, and G. J. Gibson, New Providence, N. J., assignors to Air Reduction Company, Incorporated, New York, N. Y. Welding gun. 2,544,801, Mar. 13.
Muller, August E., New Rochelle, N. Y. Trolling device. 2,542,347, Feb. 20.
Muller-Barringer, assignee: *See*—
Muller, Theodor.
Muller, Frank A., Aberdeen, assignor to The Glenn L. Martin Company, Middle River, Md. Door hinge linkage. 2,564,988, Aug. 21.
Muller, Georges H.: *See*—
Marty, Maurice J., and Muller.
Muller, George H., Woodside, N. Y. Folded card surprise device. 2,556,098, June 5.
Muller, Hendrik L., Tarrytown, and W. K. Bouwman, Harmon on Hudson, assignors to Philips Laboratories, Inc., Irvington on Hudson, N. Y. Regulation of the amount of air in the cycle of an external-combustion engine. 2,558,495, June 26.
Muller, Jacques, La Garenne Colombes, France. Automatic valve system for filling and emptying liquid tanks. 2,563,481, Aug. 7.
Muller, Jaques, Hagerstown, Md. Variable incidence multiple wing system for aircraft. 2,550,850, May 1.
Muller, Karl, Jr., Photo-Kino-Radio, assignee: *See*—
Waggin, Josef.
Müller, Max, Basel, and J. Ostertag, Riehen, near Basel, assignors to Durand & Huguenin A. G., Basel, Switzerland. Mordant azo-dyestuffs. 2,551,894, May 8.
Muller, Oscar A., Los Angeles, assignor to Douglas Aircraft Company, Inc., Santa Monica, Calif. Depth and angle gauge. 2,548,490, Apr. 10.
Muller, Peter J.: *See*—
Busser, William G., and Muller.
Muller, Robert A., New London, N. H., assignor to Atlas Plywood Corporation, Boston, Mass. Machine for making packing cases. 2,558,874, July 3.
Muller, Theodor, assignor to Muller-Barringer, New York, N. Y. Sound-absorbing surface covering material. 2,556,884, June 12.
Muller, Wolf F., Aiken, S. C., assignor to Servomechanisms, Inc. Potentiometer. 2,570,968, Oct. 9.
Mullett, Howard G., and E. D. Wachter, Jr., Whitefish Bay, assignors to Bradley Washfountain Co., Milwaukee, Wis. Detachable housing for concealing plumbing fixtures in a wash fountain. 2,542,046, Feb. 20.
Mulligan, James H., Jr., East Orange, and A. J. Talamini, Jr., Caldwell Township, Essex County, assignors to Allen B. Du Mont Laboratories, Inc., Passaic, N. J. Television synchronizing signal generator. 2,556,933, June 12.
Mulligan, James H., Jr., East Orange, and A. J. Talamini, Jr., Caldwell Township, Essex County, assignors to Allen B. Du Mont Laboratories, Inc., Passaic, N. J. Variable delay circuit. 2,556,934, June 12.
Mulligan, James H., Jr., East Orange, and A. J. Talamini, Jr., Caldwell Township, Essex County, assignors to Allen B. Du Mont Laboratories, Inc., Passaic, N. J. Stabilized and gated multivibrator. 2,556,935, June 12.
Mulligan, James H., Jr., East Orange, and A. J. Talamini, Jr., Caldwell Township, Essex County, assignors to Allen B. Du Mont Laboratories, Inc., Passaic, N. J. Coincidence blocking tube oscillator. 2,570,836, Oct. 9.
Mullin, Alfred N., Honolulu, Territory of Hawaii. Hoisting platform for vehicles. 2,542,047, Feb. 20.
Mullin, Arthur C.: *See*—
Noone, Frank P., and Mullin.
Mullin, Carl E., Leeds, Ala. Folding metal awning. 2,572,944, Oct. 30.
Mullinix, Gird E., South Gate, assignor to Byron Jackson Co., Vernon, Calif. Pipe slip actuator. 2,575,356, Nov. 20.
Mullins Manufacturing Corporation, assignee: *See*—
Myer, Charles O.
Stanitz, Jacques, and Schlobohm.
Whitlock, George E.
Mullins, Pearle H., Canton, Ohio. Casting rod handle. 2,547,655, Apr. 3.
Mulloy, Lorne B., and R. H. Thompson, Irondequoit, assignors to The Haloid Company, Rochester, N. Y. Apparatus for controlling the thickness of a coating on a traveling web. 2,558,773, July 3.
Mulnix, Ersel C., Lake Bluff, Ill. Display package. 2,552,643, May 15.
Mulsifier Implement Company, assignee: *See*—
Madill, Arthur R.
Mulsow, Nelson O. W., Marlin, Tex. Fish stringer. 2,572,653, Oct. 23.
Multenna Corporation, assignee: *See*—
Bettan, Martin.
Multiscope, Inc., assignee: *See*—
Masek, Walter F.
Masek, Walter F., and Richardson.
Multi Shingle Corporation, assignee: *See*—
Patterson, Robert.
Mulvany, Harry A., Berkeley, Calif. Hydraulic process for packing foodstuffs. 2,536,387, Jan. 2.
Muly, William, Baltimore, Md., and J. J. Heigl, Cranford, N. J., assignors to Standard Oil Development Company. Detecting incipient after-burning during regeneration. 2,545,162, Mar. 13.
Mumford, Roy H.: *See*—
Cooke, Arthur H., and Mumford.
Mumford, William W., Atlantic Highlands, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Microwave filter. 2,540,488, Feb. 6.
Mumford, William W., Atlantic Highlands, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Wave filter. 2,541,375, Feb. 13.
Mumma, Harold J., Riverside, Calif., assignor to Food Machinery and Chemical Corporation. Egg totalizer. 2,540,751, Feb. 6.
Mumma, Harold J., Riverside, assignor to Food Machinery and Chemical Corporation, San Jose, Calif. Egg totalizer. 2,568,758, Sept. 25.
Mumma, Robert E.: *See*—
Desch, Joseph R., and Mumma.
Mummert, John F., Birmingham, Ala., assignor to Chicago Bridge & Iron Company. Elevated tank. 2,567,958, Sept. 18.
Mumford, William W., Shrewsbury Township, Monmouth County, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Directive pickup for transmission lines. 2,562,281, July 31.
Mun, Henry C., Oakland, Calif. Gas burner having proportional gas and air mixer. 2,558,057, June 26.
Munao, Carmelo C.: *See*—
Munao, Philip, and C. C.
Munao, Philip, and C. C., Brooklyn, N. Y. Making artificial flame log assembly. 2,543,981, Mar. 6.
Muncie Gear Works, Inc., assignee: *See*—
Smith, Marvin M., and Kemler.
Muncy, James H., Cambridge, Mass. One-way clutch and control therefor. 2,536,074, Jan. 2.
Munday, John C.: *See*—
Tutwiler, Thomas S., Munday, and Rogers.
Munday, John C., Cranford, N. J., assignor to Standard Oil Development Company. Contacting finely divided solids with gases. 2,539,263, Jan. 23.
Munday, John C., Cranford, N. J., assignor to Standard Oil Development Company. Fluidized bed evaporator and method. 2,567,959, Sept. 18.
Munday, John C., Cranford, and D. T. Rogers, Summit, N. J., assignors to Standard Oil Development Company. Mineral oil containing polymers of esters of fumaric acid. 2,560,588, July 17.
Mundel, Cornelius A., St. Louis, Mo. Pitch diameter gauge for external screw threads. 2,560,589, July 17.
Munford, Theodore W., Ottawa Hills, assignor to Surface Combustion Corporation, Toledo, Ohio. Annealing furnace. 2,546,697, Mar. 27.
Mungall, Thomas, Sr.: *See*—
Holmberg, Carl E., and Mungall.
Munger, Francis, Whittier, Calif., dedicated to the free use of the People in the territory of the United States. Recording thermometer. 2,538,029, Jan. 16.
Munger, Ormond S., Rockville, Md. Vehicle wheel suspension with hydraulic steering. 2,554,261, May 22.
Munger, Paul E.: *See*—
Versoy, Irving R., and Munger.
Munising Paper Company, assignee: *See*—
Schenck, Willard A.
Munn, William F., West Orange, N. J. Knife-edge light stop for microscopes. 2,537,846, Jan. 9.
Munnecke, Richard A., San Marino, Calif. Deodorizer. 2,578,827, Dec. 18.
Munro, George R., Harbor Green, Massapequa, assignor to Waugh Equipment Company, New York, N. Y. Buffer. 2,540,630, Feb. 6.
Munro, Wendell P., Martinsville, N. J., assignor to American Cyanamid Company, New York, N. Y. Acylation of amino stilbene sulfonic acids. 2,563,354, Aug. 7.
Munroe, Stewart W., assignee: *See*—
Brown, Julian S.

Munroe, Thomas, assignor to Moraine Box Company, Dayton, Ohio. Knockdown shipping container. 2,549,509, Apr. 17.
Munschauer, Edwin A., Jr., assignor to Niagara Machine & Tool Works, Buffalo, N. Y. Hold-down for shears. 2,556,936, June 12.
Munschauer, Frederick E., assignor to Niagara Machine & Tool Works, Buffalo, N. Y. Hydraulic hold-down. 2,547,656, Apr. 3.
Munsell, Robert E., Morris Plains, N. J., assignor to The Patent and Licensing Corporation, New York, N. Y. High viscosity dispersions of rubbery materials. 2,580,040, Dec. 25.
Munshower, Clarence F., assignor to Coltemp Corporation, Columbus, Ohio. Automatic ice cube producing and storing apparatus. 2,569,113, Sept. 25.
Munsinger, Theodor R., Meeker, Colo. Pipe rotating device for oil wells. 2,536,458, Jan. 2.
Munsingwear, Inc., assignee: *See*—
Olrich, Ernest L., and Chatfield.
Munter, Casimir J., Upper St. Clair Township, Allegheny County, Pa., assignor to Hall Laboratories, Inc. Powdered glassy phosphate composition and making the same. 2,566,424, Sept. 4.
Munters, Carl G., Stocksund, Sweden. Apparatus for removing moisture from heat insulating walls. 2,579,509, Dec. 25.
Murat, Adolph R., San Clemente, Calif. Fireplace screen. 2,579,690, Dec. 25.
Murch, Harold L., L. B. Fuller, and R. O. Beardsley, assignors to Jones & Lamson Machine Company, Springfield, Vt. Comparator for tracing contours of solid objects. 2,580,239, Dec. 25.
Murdach, William M., and H. Harrison, Gorst, Wash. File holder. 2,547,484, Apr. 3.
Murdick, Robert G., and A. G. Robbins, Schenectady, N. Y., assignors to General Electric Company. Computing device. 2,556,972, June 12.
Murdock Mfg. & Supply Co., The, assignee: *See*—
Bart, Thomas E.
Murdock, Paul F.: *See*—
Calamari, Peter T., and Murdock.
Murdock, Robert W., Orinda, Calif., assignor, by mesne assignments, to Morton Gregory Corporation. Bent Stud chuck. 2,567,024, Sept. 4.
Mureau, Charles A., Van Nuys, Calif. Retractable make-up applicator. 2,578,084, Dec. 11.
Murer, Harvey K.: *See*—
Kempf, Norman W., and Murer.
Muri, Parke D.: *See*—
Cardwell. Paul H., and Muir.
Murley, James E., assignee: *See*—
McCabe, Harry W.
Muros, Joseph, Cambridge, assignor to Gillette Safety Razor Company, Boston, Mass. Blade magazine with sight opening. 2,573,671, Oct. 30.
Muros, Joseph, Newtonville, assignor to Gillette Safety Razor Company, Boston, Mass. Razor and magazine combination. 2,562,115, July 24.
Muros, Joseph, Newtonville, assignor to Gillette Safety Razor Company, Boston, Mass. Magazine for and process of feeding safety razor blades. 2,567,230, Sept. 11.
Muros, Joseph, Cambridge, and T. L. Smith, Middlesex, assignors to Gillette Safety Razor Company, Boston, Mass. Razor blade dispensing container. 2,564,712, Aug. 21.
Murphey, Virginia, Urbana, Ohio. Handkerchief blouse. 2,565,040, Aug. 21.
Murphy, Bernard J., St. Paul, Minn. Receptacle holder. 2,550,019, Apr. 24.
Murphy, Charles H., Jr.: *See*—
Vix, Henry L. W., Spadaro, Pollard, Castrock, Persell, and Murphy.
Murphy, Charles M., Jr.: *See*—
Zisman, William A., Murphy, Jr., and Wolfe.
Murphy, Clarence R., assignor to Warren Petroleum Corporation, Tulsa, Okla. Production and purification of oxygenated hydrocarbon compounds. 2,579,847, Dec. 25.
Murphy, Clifford W., Odessa, Tex. Mud mixer. 2,540,540, Feb. 6.
Murphy, Daniel C., assignee: *See*—
Bernard, Joseph P.
Murphy, Demery A., Torrance, Calif., assignor to The National Supply Company, Pittsburgh, Pa. Load supporting device. 2,549,116, Apr. 17.
Murphy Diesel Company, assignee: *See*—
Holloway, John H.
Holloway, John H., and Jones.
Murphy, Donald F., assignor to Bendix Aviation Corporation, Baltimore, Md. Explosive operated motor for rip cord. 2,564,209, Aug. 14.
Murphy, Earl E., Chicago, Ill. Nail file and case therefor. 2,555,360, June 5.
Murphy, Edward F., assignee: *See*—
Murphy, Joseph F.
Murphy, Elsie M., Elmhurst, Ill. Foldable vending tray for ice-cream cups and the like. 2,547,716, Apr. 3.
Murphy, Frank A.: *See*—
Allen, Russell E., and Murphy.
Murphy, Frank L., Chicago, R. W. Haman, Flossmoor, and S. W. Kay, assignors to Pullman-Standard Car Manufacturing Company, Chicago, Ill. Convertible recreation-lounge vehicle. 2,557,885, June 19.
Murphy, Frank L., and J. E. Candlin, Jr., assignors to Pullman-Standard Car Manufacturing Company, Chicago, Ill. Railway sleeping car. 2,561,630, July 24.
Murphy, Frank L., and J. E. Candlin, Jr., assignors to Pullman-Standard Car Manufacturing Company, Chicago, Ill. Railway sleeping car. 2,570,837, Oct. 9.
Murphy, Frank L., and J. E. Candlin, Jr., assignors to Pullman-Standard Car Manufacturing Company, Chicago, Ill. Vehicle side wall construction. 2,572,747, Oct. 23.
Murphy, Frank M., and J. E. LaMarsh, Chicago, Ill. Tuner for ultrahigh radio frequencies. 2,573,045, Oct. 30.
Murphy, Henry R.: *See*—
Hoeppner, Conrad H., Murphy, and Clark.
Murphy, Howard J., Lynnfield, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Slide fastener construction. 2,537,939, Jan. 9.
Murphy, Howard J., Lynnfield, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Rotary stud. 2,552,805, May 15.
Murphy, Howard J., Lynnfield, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Three-side lock snap fastener. 2,567,891, Sept. 11.
Murphy, Howard J., Lynnfield, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Bolt fastener. 2,571,747, Oct. 16.
Murphy, Howard J., Lynnfield, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Lamp socket assembly and apertured support. 2,572,813, Oct. 23.
Murphy, J. C., assignee: *See*—
King, Lilbern S., and Kaylor.
Murphy, James J., Libertyville, Ill. Fire alarm of the whistle type. 2,551,037, May 1.
Murphy, John H., assignor of $^{30}/_{100}$ to M. W. Nusbaum, Canton, Ohio, and $^{30}/_{100}$ to E. J. McMullen, Memphis, Tenn. Leg brace. 2,573,866, Nov. 6.
Murphy, John H., Detroit, Mich. Fishing lure. 2,573,215, Oct. 30.
Murphy, John J., assignee: *See*—
Donovan, Raymond F.
Murphy, John T., Arlington, Mass. Needle for filling or exhausting ampoules. 2,541,272, Feb. 13.
Murphy, Joseph F., West Roxbury, assignor of one-half to E. F. Murphy, Jamaica Plain, Mass. Frame for letter blocks. 2,561,813, July 24.
Murphy, Laurence W.: *See*—
Naidu, Pagadam N. E., and Murphy.
Murphy, Leo G., executor: *See*—
Proff, Philip H.
Murphy, Leo H., assignee: *See*—
Proff, Philip H.
Murphy, Lloyd T., Jr., Oak Ridge, Tenn. Steering attachment for outboard motors. 2,553,204, May 15.
Murphy, Lucille L., assignee: *See*—
Hallstedt, Paul.
Murphy, Myrtle H.: *See*—
Hasskamp, Fred C.
Murphy, Norman B.: *See*—
MacCallum, Alan M., and Murphy.
Murphy, Norman B., West Englewood, assignor to Bendix Aviation Corporation, Teterboro, N. J. Disconnect device. 2,570,585, Oct. 9.
Murphy, P. S., & Co., Inc., assignee: *See*—
Pinco, Ben B.
Murphy, Richard J., Cleveland, Ohio. Adjustable price tag. 2,541,776, Feb. 13.
Murphy, Richard P., Nyack, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone identification circuit. 2,550,585, Apr. 24.
Murphy, Robert D.: *See*—
Clough, Charles A., Trier, and Murphy.
Trier, Raymond T., Janson, and Murphy.
Murphy, Robert H., West Hartford, assignor to The Wiremold Company, Hartford, Conn. Electrical wiring and connection unit. 2,561,031, July 17.
Murphy, Robert N., Ottawa, Ontario, Canada. Highway-railway crossing safety barrier. 2,553,780, May 22.
Murphy, Theodore T.: *See*—
Avinger, Ernest C., and Murphy.
Murphy, Thomas J., Stamford, Conn. Electric reciprocating motor. 2,554,538, May 29.
Murphy, Thomas W., Narberth, assignor to Monarch Manufacturing Works, Inc., Philadelphia, Pa. Nozzle. 2,539,314, Jan. 23.
Murphy, Thomas W., Narberth, assignor to Monarch Manufacturing Works, Inc., Philadelphia, Pa. Mixing and nozzle therefor. 2,539,315, Jan. 23.
Murphy, Thomas W., Narberth, assignor to Monarch Manufacturing Works, Inc., Philadelphia, Pa. Nozzle assembly. 2,562,731, July 31.
Murphy, William P., Romulus, assignor of 20 per cent each to G. A. Bertolino, Melvindale, and R. L. Bowden, E. W. Froehlich, and P. G. Hancock, Detroit, Mich. Battery electrolyte level indicator. 2,561,748, July 24.
Murray, Alan E., New York, N. Y. Skate for roller skating. 2,561,448, July 24.
Murray, Alan E., New York, N. Y. Making shoes. 2,568,291, Sept. 18.
Murray, Alan E., New York, N. Y. Making casts and for making shoes therefrom. 2,568,292, Sept. 18.
Murray, Alan E., New York, N. Y. Spring suspension. 2,570,969, Oct. 9.

Murray, Alan E., New York, N. Y. Spring support for bicycle seats. 2,570,970, Oct. 9.
Murray, Alan E., Wilmington, Del. Skate. 2,542,829, Feb. 20.
Murray, Albert L., Auburn, Ind. Lightweight sectional fishing pole. 2,536,388, Jan. 2.
Murray, Alexander, assignor to Eastman Kodak Company, Rochester, N. Y. Cellular printing plate and printing. 2,543,045, Feb. 27.
Murray, Alexander, assignor to Eastman Kodak Company, Rochester, N. Y. Cellular printing plate and manufacture thereof. 2,543,046, Feb. 27.
Murray, Alexander, assignor to Eastman Kodak Company, Rochester, N. Y. Printing through cellular plates. 2,543,047, Feb. 27.
Murray, Alexander, assignor to Eastman Kodak Company, Rochester, N. Y. Fusion photothermography. 2,552,209, May 8.
Murray, Alexander, assignor to Eastman Kodak Company, Rochester, N. Y. Heat sensitive printing element and method. 2,556,550, June 12.
Murray, Alexander, assignor to Eastman Kodak Company, Rochester, N. Y. Multicolor printing device. 2,566,290, Aug. 28.
Murray, Alfred S.: *See*—
Palmgren, Per G., and Murray.
Murray, Arthur, III, and A. R. Ronzio, Los Alamos, N. Mex., assignors to the United States of America as represented by the United States Atomic Energy Commission. Preparation of organic materials. 2,571,926, Oct. 16.
Murray, Arthur J., Minneapolis, Minn. Service unit for hot foods. 2,545,528, Mar. 20.
Murray, Clay E., Davenport, Iowa. Lifting means for motor vehicle axles. 2,555,808, June 5.
Murray Company of Texas, Inc., The, assignee: *See*—
Day, Dewey D.
Murray Corporation of America, The, assignee: *See*—
Gould, Byron C.
Tea, Clark A.
Tea, Clark A., and Aschman.
Murray, D. J., Manufacturing Co., assignee: *See*—
Miller, Clarence W.
Murray Deodorisers Limited, assignee: *See*—
Marrya, Henry L.
Murray, Donald B., Colorado Springs, Colo. Code transmitter. 2,563,355, Aug. 7.
Murray, Donald E., Modesto, Calif. Apron and ejector control for carry-type scrapers. 2,567,118, Sept. 4.
Murray, Elmer E., Grenloch, N. J. Splash guard for containers. 2,546,040, Mar. 20.
Murray, Forrest F., Brockton, Mass. Telephone guard. 2,558,661, June 26.
Murray, Francis T., Padstow, Cornwall, England. Transition curve plotter for roads, railways and other purposes. 2,555,596, June 5.
Murray, Francis T., Padstow, Cornwall, England. Transition curve plotter for roads and railways and other purposes. 2,578,483, Dec. 11.
Murray, Gilbert, assignor to Dufay-Chromex, Limited, London, England. Plural film color camera, including hinged film gate. 2,567,492, Sept. 11.
Murray, Henry L., assignor to Murray Deodorisers Limited, Auckland, New Zealand. Pasteurizing, sterilizing, and steam distilling potable liquids. 2,539,264, Jan. 23.
Murray, Herman, St. Louis, Mo. Fountain applicator having sliding sleeve work-operated valve means. 2,547,881, Apr. 3.
Murray, Howard L.: *See*—
Rathert, Walter H., Wilson, Murray, Wilson, and Martin.
Murray, James S., Tampa, Fla. Sleep inhibitor for motor vehicle operators. 2,575,926, Nov. 20.
Murray, John A., Baltimore County, Md. Hose clamp. 2,536,612, Jan. 2.
Murray, John B., Smallford, near St. Albans, England. Topping device for sugar beet and like root crops. 2,541,777, Feb. 13.
Murray, Joseph J., Jr., assignor to Varo Mfg. Co., Inc., Garland, Tex. Tuning fork structure. 2,574,188, Nov. 6.
Murray, Keith W., Garrett, Ind. Combination table and cabinet. 2,566,954, Sept. 4.
Murray-Lucy-Marvosh Company, assignee: *See*—
Marvosh, Dan.
Murray, Malcolm G., Ellwood City, and R. W. Porter, Zelienople, Pa. Grappling device. 2,573,867, Nov. 6.
Murray, Mary C., assignee: *See*—
Crumpton, James S.
Murray, Maurice J.: *See*—
Webb, Glenn M., Mochl, and Murray.
Murray, Maurice J., Clarendon Hills, assignor to Universal Oil Products Company, Chicago, Ill. Purifying sulfuric acid alkylates. 2,538,262, Jan. 16.
Murray, Maurice J., Clarendon Hills, assignor to Universal Oil Products Company, Chicago, Ill. Separating unsaturated hydrocarbons by means of hypochlorous acid. 2,564,914, Aug. 21.
Murray, Maurice J., Clarendon Hills, assignor to Universal Oil Products Company, Chicago, Ill. Oxidation of conjunct polymer hydrocarbons and compositions derived therefrom. 2,580,184, Dec. 25.
Murray, Maurice J., Clarendon Hill, and W. S. Gallaway, Western Springs, assignors to Universal Oil Products Company, Chicago, Ill. Modifying unsaturated hydrocarbon drying oils. 2,579,007, Dec. 18.
Murray, Maxton F.: *See*—
Ott, Arnold C., and Murray.
Murray-Ohio Manufacturing Company, The, assignee: *See*—
Kraeft, Herman L.
Kraeft, Herman L., Walters, and Skerl.
Murray, Otis W.: *See*—
Ball, Joseph A., Jennings, and Murray.
Jennings, Andrew B., and Murray.
Murray, Otis W., Fords, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Color yielding elements for color photography. 2,546,400, Mar. 27.
Murray, Otis W., Fords, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Gelling of polymeric compounds. 2,576,850, Nov. 27.
Murray, Robert A., Vineland, N. J. Machine for cutting vines. 2,539,199, Jan. 23.
Murray, Russell T., El Cerrito, assignor to Grove Regulator Company, Oakland, Calif. Cutter head structure with hydraulically operated cutter mountings. 2,575,116, Nov. 13.
Murray, Russell T., Rockport, Ind., assignor, by mesne assignments, to Grove Regulator Company. Step drill grinder. 2,564,496, Aug. 14.
Murray & Tregurtha, Inc., assignee: *See*—
Wanzer, Arthur W.
Murray, Walton D., Marinette, Wis. Humidifier for internal-combustion engines. 2,570,369, Oct. 9.
Murray, William, Jackson Heights, N. Y. Sliding clamp. 2,559,223, July 3.
Murray, William E., assignor to General Films Limited, Regina, Saskatchewan, Canada. Film reel band. 2,579,600, Dec. 25.
Mursch, William H., Pittsburgh, Pa., assignor to United States Steel Company. Apparatus for piling sheets. 2,566,240, Aug. 28.
Murrell, William P., Norman, Okla. Auxiliary seat for bicycles. 2,550,200, Apr. 24.
Murray, William S., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Decontaminating products from pyrolysis of $CHClF_2$. 2,558,624, June 26.
Musacchia, Frank J., Jamaica, N. Y. Ribbed metal cross bridging. 2,565,875, Aug. 28.
Musante, Victor F., assignor to Dohrmann Hotel Supply Co., San Francisco, Calif. Cleanout ventilator attachment for ranges. 2,564,074, Aug. 14.
Muscat, Victor, Atlantic Beach, and H. F. Temple, Elmont, assignors to Victor Metal Products Corporation, Brooklyn, N. Y. Tubular dispensing container. 2,569,325, Sept. 25.
Musch, William F., and R. S. Katz, Hamilton, Ohio, said Katz assignor to said Musch. Football down marker and indicator. 2,549,627, Apr. 17.
Muse, Fred L., assignee: *See*—
Byrd, Berry L., Jr.
Musekamp, Howard G., Cincinnati, Ohio. Tobacco cartridge. 2,543,190, Feb. 27.
Musgrave, Clifford: *See*—
Jones, Harry, and Musgrave.
Musgrave, Joseph L., assignor, by mesne assignments, to Dulrae Limited, London, England. Electric heating system for buildings and structures. 2,539,265, Jan. 23.
Musher Foundation Incorporated, assignee: *See*—
Musher, Sidney.
Musher, Sidney, assignor to Musher Foundation Incorporated, New York, N. Y. Oat composition of reduced viscosity characteristics. 2,554,869, May 29.
Musher, Sidney, assignor to Musher Foundation Incorporated, New York, N. Y. Fully cured olive brine treated food glyceride oils and producing same. 2,554,870, May 29.
Musher, Sidney, assignor to Musher Foundation Incorporated, New York, N. Y. Concentrated olive extractives and producing same. 2,554,871, May 29.
Musher, Sidney, assignor to Musher Foundation Incorporated, New York, N. Y. Salad oils and producing the same. 2,554,872, May 29.
Musher, Sidney, assignor to Musher Foundation Incorporated, New York, N. Y. Oat extraction composition. 2,554,873, May 29.
Mushta, Igor, Bronx, N. Y. Combination stepladder and cabinet therefor. 2,555,149, May 29.
Musial, John, Detroit, Mich. Ice jam remover for bridges. 2,545,104, Mar. 13.
Musielak, Ignatius J., Buffalo, N. Y. Guide bracket for plungers of flush tanks. 2,556,658, June 12.
Muska, Vojtech, Astoria, N. Y. Cyclone dust collector. 2,569,865, Oct. 2.
Muskat, Irving E., and R. H. Taylor, Plainfield, N. J., assignors to The Vulcan Detinning Company. Recovering tin from tin-bearing materials. 2,570,473, Oct. 9.
Muskat, Morris: *See*—
Morgan, Frank, Reed, and Muskat.
Muskegon Piston Ring Company, assignee: *See*—
McFall, Thurlow E.
Mussell, Dorsey R.: *See*—
Johnson, Julius E., Jr., and Mussell.

Musselman, Alvin J., deceased. Santa Barbara, Calif., County National Bank and Trust Company of Santa Barbara, and M. M. Musselman, executors of said A. J. Musselman. Forming a cord fabric strip with a tire tread attached thereto. 2,561,587, July 24.
Musselman, John M., South Euclid, assignor to The Standard Oil Company, Cleveland, Ohio. Reaction product of phosphorous sulfide-polyolefin-oxygen containing organic compound and mineral oil compositions containing same. 2,566,241, Aug. 28.
Musselman, Morris M., executor: *See*—
Musselman, Alvin J.
Musselwhite, Joseph A.: *See*—
Musselwhite, Yolanda H. and J. A.
Musselwhite, Yolanda H. and J. A., Washington, D. C. Notching scissors. 2,556,819, June 12.
Musser, Clarence W.: *See*—
Bluford, Guion S., and Musser.
Kroeger, William J., and Musser.
Musser, Clarence W., Glenside, Pa. Safety device for catapulting passengers from aircraft. 2,541,087, Feb. 13.
Musser, Clarence W., Glenside, Pa. Sealing and testing of tubes by hydraulic or pneumatic means. 2,578,728, Dec. 18.
Musser, David M., Clemson, S. C., assignor to Pacific Mills, Boston, Mass. Bacteriostatic cellulosic textile reacted with derivatives of dihydroxy hexachloro diphenyl methane. 2,559,986, July 10.
Musser, David M., Fair Lawn, N. J., assignor to Pacific Mills, Boston, Mass. Ethers of polychloro diphenyl methane. 2,574,189, Nov. 6.
Mussler, Frank H.: *See*—
Bullard, Edward P. and E. P., III, Appelberg, Bjorklund, Cowell, Grinage, Johnson, Lange, and Mussler.
Musso, Ferdinando P., Chicago, Ill. Shaver. 2,556,208, June 12.
Musyl, Robert, Vienna, Austria. Machine for producing cams. 2,553,831, May 22.
Muth, Robert C.: *See*—
Freshwater, Edmon S., Muth, and Cunningham.
Muth, Walter E., Detroit, and R. G. Naylor, Allen Park, Mich. Air humidifier. 2,573,158, Oct. 30.
Muzzey, Clifford L., Dayton, Ohio, and H. Carson, Cambridge, Mass., assignors to General Motors Corporation, Detroit, Mich. Speed responsive device with automatic fluid pressure modifier. 2,561,588, July 24.
My Bread Baking Co., *See*—
Duval, Eugene J.
Mycalex Corporation of America, assignee: *See*—
Richardson, Henry M.
Myer, Charles O., Warren, assignor to Mullins Manufacturing Corporation, Salem, Ohio. Sheet metal drawer head construction. 2,556,099, June 5.
Myer, Claus D., assignor to Myer Flushometer Co., Grantwood, N. J. Flush valve. 2,549,628, Apr. 17.
Myer Flushometer Co., assignee: *See*—
Myer, Claus D.
Myer, Ira, Ephrata, Pa. Row cultivator. 2,567,343, Sept. 11.
Myer, James G., assignee: *See*—
Hill, Glenn E.
Myers, Augustine P.: *See*—
Koehm, George W., and Myers.
Myers, Austin E., Amarillo, Tex. Service signal for tables. 2,553,266, May 15.
Myers, Bess L., assignor to Sikeston Tractor and Implement Company, Sikeston, Mo. Piston remover. 2,557,611, June 19.
Myers, Charles W., Teaneck, N. J. Toy balloon. 2,540,403, Feb. 6.
Myers, Clarence E., Cuyahoga Falls, assignor to Summit Steel Products, Inc., Akron, Ohio. Adjustable post. 2,548,844, Apr. 10.
Myers, Claude R.: *See*—
Lambert, Homer T., and Myers.
Tiscornia, James W., Lucker, Parrett, Kershner, and Myers.
Myers, Clayton S., Westfield, N. J., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Polyethylene stabilized with diphenylamine. 2,543,329, Feb. 27.
Myers, Donald R.: *See*—
Weisblat, David I., Magerlein, and Myers.
Myers, E. A., & Sons, assignee: *See*—
Lybarger, Samuel F.
Myers, Earl R., Lancaster, Pa. Surface marking machine. 2,566,624, Sept. 4.
Myers, F. E., and Bro. Co., assignee: *See*—
Warrick, Ray W.
Myers, F. E., & Bro. Co., The, assignee: *See*—
Spreng, Warren M.
Myers, Fred, Fallbrook, Calif. Punch type can opener. 2,540,541, Feb. 6.
Myers, George F., Jackson Heights, N. Y. Aircraft. 2,564,370, Aug. 14.
Myers, George F., New York, N. Y. Helicopter antitorque mechanism. 2,575,886, Nov. 20.
Myers, George F., New York, N. Y. Convertible aircraft landing gear. 2,578,578, Dec. 11.
Myers, George L., and J. E. Schriner, Willoughby, and J. C. Shutt, Wickliffe, assignors, by mesne assignments, to The Ohio Rubber Company, Willoughby, Ohio. Method and machine for making flexible tubing. 2,539,853, Jan. 30.
Myers, Gordon S., Guelph, Ontario, Canada, assignor to United States Rubber Company, New York, N. Y. Manufacture of methyl amino phenol. 2,571,053, Oct. 9.
Myers, Hugh: *See*—
Melges, Frederick J., and Myers.
Myers, James D., C. Waddell, and N. P. Myers, Philadelphia, Pa. Heated mirror. 2,565,256, Aug. 21.
Myers, John W., Bartlesville, Okla., assignor to Phillips Petroleum Company. Hydrocarbon conversion with vanadia - and/or molybdena - containing catalysts. 2,570,067, Oct. 2.
Myers, John W., Bartlesville, Okla., assignor to Phillips Petroleum Company. Catalytic dehydrogenation of paraffins. 2,576,034, Nov. 20.
Myers, Joseph W., assignor to Proctor Electric Company, Philadelphia, Pa. Support for high resistance electrical conductors and making the same. 2,541,273, Feb. 13.
Myers, Joseph W., assignor to Proctor Electric Company, Philadelphia, Pa. Thermostatic switch. 2,546,471, Mar. 27.
Myers, Joseph W., assignor to Proctor Electric Company, Philadelphia, Pa. Coffee filter. 2,553,717, May 22.
Myers, Joseph W., assignor to Proctor Electric Company, Philadelphia, Pa. Electrical heating unit. 2,576,632, Nov. 27.
Myers, Latimer D., assignor to Emery Industries, Inc., Cincinnati, Ohio. Separating fatty acids. 2,575,526, Nov. 20.
Myers, Lawrence E.: *See*—
McNinch, James N., and Myers.
Myers, Lloyd D., Minneapolis, Minn. Umbrella structure. 2,551,963, May 8.
Myers, Louis, Rockford, Ill. Agitator for drink mixers. 2,548,442, Apr. 10.
Myers, Nathaniel P.: *See*—
Myers, James D., Waddell, and Myers.
Myers, Oscar, Mount Vernon, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electromechanical translator. 2,558,577, June 26.
Myers, Oscar, Mount Vernon, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Vertical line number translator. 2,570,971, Oct. 9.
Myers, Oscar G., Fairmont, W. Va. Coal gathering and loading apparatus for mine conveyers. 2,575,287, Nov. 13.
Myers, Raymond R., New York, N. Y., assignor to Monsanto Chemical Company, St. Louis, Mo. Polysilicon oxyhalides. 2,559,167, July 3.
Myers, Robert B.: *See*—
Abos, Ralph L., Stanfield, and Myers.
Myers, Robert R., Jr., Des Moines, Iowa. Holding printing plates to rotary presses. 2,549,226, Apr. 17.
Myers, Stanley C., Miami, Fla. Automobile luggage device. 2,577,263, Dec. 4.
Myers, William H., Converse, Ind., assignor, by mesne assignments, to Farnsworth Research Corporation. Double-acting dial indicator. 2,539,458, Jan. 30.
Myers, William J.: *See*—
Hallstrand, Eric A., and Myers.
Myers, William R., Charleston, and A. S. Tennant, South Charleston, W. Va. Plastic extrusion gun. 2,567,960, Sept. 18.
Myklestad, Nils O., Urbana, Ill. Control device. 2,567,890, Sept. 11.
Myklestad, Nils O., Urbana, Ill. Shock absorber. 2,571,279, Oct. 16.
Mylchreest, George D., Wethersfield, Conn., assignor to Emhart Manufacturing Company. Apparatus for tempering glassware. 2,563,130, Aug. 7.
Mylting, Lauritz E., Merchantville, N. J., assignor to The Allen-Sherman-Hoff Company, Philadelphia, Pa. Rotary valve. 2,538,320, Jan. 16.
Myrick, George H., and R. H. Bremer, Rochester, Minn. Article holding device. 2,555,053, May 29.
Myrmirides, George M., Brooklyn, N. Y. Motor generator assembly. 2,539,459, Jan. 30.
Myron, Burt, Flushing, assignor to Mojud Hosiery Co., Inc., New York, N. Y. Adjustable garment. 2,553,863, May 22.
Mysels, George, New York, N. Y. Ball bouncing pull toy. 2,578,579, Dec. 11.
NEA Service, Inc., assignee: *See*—
Thompson, Louis A.
N. V. Amsterdamsche Chininefabriek, assignee: *See*—
Veldstra, Haaye.
N. V. Exploitatie Maatschappij "Quod Bonum," assignee: *See*—
De Goeij, Henricus J. A.
N. V. Hollandsche Constructie Werkplaatsen, assignee: *See*—
Van Iterson, Frederik K. T.
N. V. Koninklijke Metalwarenfabrieken v. h. J. N. Daalderop & Zonen, assignee: *See*—
Van Toorn, Cornelis H.
N. V. Matepa, Maatschappij tot Exploiteeren van Octrooien en Licenties, assignee: *See*—
Kalis, Kornelis P.
N. V. Octrooien Maatschappij "Activit," assignee: *See*—
Smit, Pieter.

N. V. Optische Industrie "de Oude Delft," assignee: *See*—
Blaisse, Berndt S., and Bouwers.
N. V. Optische Industrie "De Oude Delft," assignee: *See*—
Bouwers, Albert.
N. V. Veenendaalsche Sajet-en Vijfschachtfabriek voorheen Wed. D. S. van Schuppen & Zoon, assignee: *See*—
Knol, Hendrik W.
Overhoff, Johan, and Hackmann.
N. V. W. A. Scholten's Aardappelmeelfabrieken, Ossemarkt, assignee: *See*—
Hofman, Tjako F. H., and Krizkovsky.
Naab, Julius, Easton, Pa., assignor to Ingersoll-Rand Company, New York, N. Y. Compressor. 2,555,809, June 5.
Naab, Julius, Easton, Pa., assignor to Ingersoll-Rand Company, New York, N. Y. Compressor. 2,578,199, Dec. 11.
Naamlooze Vennootschap: W. A. Scholten's Aardappelmeelfabrieken, assignee: *See*—
Groot, Evert H.
Naamlooze Vennootschap: W. A. Scholten's Chemische Fabrieken, assignee: *See*—
Lolkema, Jan, and Kool.
Lolkema, Jan, and van der Meer.
Lolkema, Jan, van Westen, and Vlugter.
Nabholz, Jurg: *See*—
Schnorf, Armand, Nabholz, and Sguattamatti.
Nabors, William C., Mansfield, La. Broadcasting seeder. 2,543,586, Feb. 27.
Nabstedt, Arthur T., Hamden, and J. O. Berndtson, Short Beach, assignors to The Snow-Nabstedt Gear Corporation, New Haven, Conn. Clutch mechanism. 2,543,252, Feb. 27.
Nabstedt, Arthur T., Hamden, and J. O. Berndtson, Short Beach, assignors to The Snow-Nabstedt Gear Corporation, New Haven, Conn. Fluid pressure released clutch. 2,575,765, Nov. 20.
Nacey, Clifford V., St. Paul, Minn. Fish lure. 2,554,049, May 22.
Nacey, Harry M.: *See*—
Jackson, Frank W., and Nacey.
Nachod, Henry J., East Orange, N. J., assignor to Federal Telephone and Radio Corporation, New York, N. Y. Photocell. 2,543,048, Feb. 27.
Nachtman, John S., Youngstown, Ohio. Method and apparatus for continuous strip metal treatment. 2,576,074, Nov. 20.
Nadeau, Gale F., and C. B. Starck, assignors to Eastman Kodak Company, Rochester, N. Y. Laminating process and products. 2,541,478, Feb. 13.
Nadeau, Gale F., and F. W. Hoyt, assignors to Eastman Kodak Company, Rochester, N. Y. Method and apparatus for coating photographic film. 2,541,479, Feb. 13.
Nadeau, Gale F., and F. W. Hoyt, assignors to Eastman Kodak Company, Rochester, N. Y. Coating cellulose ester films. 2,559,893, July 10.
Nader Engineering Company, assignee: *See*—
Zenner, Raymond E.
Nader, Michael A.: *See*—
Barensfield, Paul L., and Nader.
Nadler, Jack H., assignee: *See*—
Seifts, Arthur H.
Nadler, Martin L.: *See*—
Hodges, Frank J., and Nadler.
Naegeli, Werner, assignor to Actiengesellschaft Joh. Jacob Rieter & Cie, Winterthur, Switzerland. Device for placing slivers into cans. 2,546,557, Mar. 27.
Naftali, Rudolph, New Rochelle, N. Y. Necktie retainer. 2,541,660, Feb. 13.
Nagel, Francis A., Paducah, Ky. Surface treatment of molds. 2,564,308, Aug. 14.
Nagel, Fritz J.: *See*—
Horstman, Clifford C., and Nagel.
Nagel, Fritz J., Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Resinous compositions. 2,542,048, Feb. 20.
Nagel, Fritz J., Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Laminated metal. 2,554,262, May 22.
Nagel, George W.: *See*—
Schultz, Mortimer A.
Nagel, John D., and W. Lang, Chicago, Ill. Simulated bowling game. 2,552,996, May 15.
Nagel, Theodore, Brooklyn, N. Y. Producing calcined calcareous materials. 2,555,289, May 29.
Nagel, William F., Pittsburgh, Pa., assignor to United States Steel Company. Manufacturing high silicon steel sheets. 2,555,241, May 29.
Nagel, William J., Bethesda, Md. Physically enlarging a photographic color transparency. 2,575,970, Nov. 20.
Nagelmann, Clemens B., Santa Barbara, Calif. Ligating instrument. 2,566,625, Sept. 4.
Naggi, Angel J., Allentown, Pa. Attachment for articulators. 2,571,280, Oct. 16.
Naghski, Joseph: *See*—
White, Jonathan W., Jr., Naghski, and Weil.
Naghski, Joseph, J. W. White, Jr., and S. R. Hoover, Philadelphia, Pa. Recovery of proteins from plant leaves and stems. 2,543,049, Feb. 27.
Nagin, Harold, Pittsburgh, assignor to Reliance Steel Products Company, McKeesport, Pa. Traffic bearing slab. 2,580,185, Dec. 25.
Nagle, Eduardo N.: *See*—
Pischek, Friedrich, Nagle, and Paz Anchorena.
Nagourney, Samuel M., Los Angeles, Calif. Camera stand for medical photography. 2,560,884, July 17.
Nagy, Daniel E., Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Preparation of acylcarbamylguanidines. 2,548,231, Apr. 10.
Nagy, Daniel E., Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Calcium dicyanamide and the preparation thereof. 2,562,869, July 31.
Nagy, Edward J.: *See*—
Knowles, Richard C., White, Harris, Nagy, and Hammond.
Nagy, Edward J., Garden City, and E. B. Hammond, Jr., Floral Park, N. Y., assignors to The Sperry Corporation. Range solution apparatus. 2,579,510, Dec. 25.
Nagy, Michael J.: *See*—
Fishbein, Meyer, and Nagy.
Fishbein, Meyer, Nagy, and Threewit.
Nagy, Rudolph: *See*—
Wollentin, Robert W., and Nagy.
Nagy, Rudolph, Bloomfield, N. J., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Zinc silicate phosphors and making same. 2,542,091, Feb. 20.
Nagy, Rudolph, and R. W. Wollentin, Bloomfield, N. J., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Phosphor and making. 2,563,901, Aug. 14.
Nahi, Hugo W., assignee: *See*—
Olson, Carl T.
Nahman, Gustave, Englewood, N. J. Fabricating a generally cylindrical magnetic structure. 2,552,109, May 8.
Nahmens, Paul M., Chicago, Ill. Graphic arts utility table. 2,568,358, Sept. 18.
Naidor, George P., Claremont, Calif. Headdress ornament. 2,567,119, Sept. 4.
Naidu, Pagadam N. E., Waukegan, Ill., and L. W. Murphy, Austin, Minn.; said Naidu assignor to Abbott Laboratories, North Chicago, Ill., and said Murphy assignor to Geo. A. Hormel & Company, Austin, Minn. Producing fibrin from whole blood. 2,577,353, Dec. 4.
Naidus, Harold: *See*—
Dolnick, Arthur A., and Naidus.
Nail, Walter P., assignor of twenty-five per cent to J. J. Rosati, Toronto, Ontario, Canada. Handkerchief container and dispenser. 2,541,933, Feb. 13.
Nakasone, Robert T.: *See*—
Semm, Paul T., and Nakasone.
Nakano, Thomas I., Papaikon, Hawaii. Audible aerial top. 2,538,120, Jan. 16.
Naken, William, Chicago, Ill. Sanding device. 2,575,117, Nov. 13.
Nakken Products and Development Co. Inc., assignee: *See*—
Nakken, Theodore H.
Nakken, Theodore H., New York, N. Y., assignor to Nakken Products and Development Co. Inc. Spraying nozzle. 2,570,972, Oct. 9.
Nakken, Theodore H., New York, N. Y. Flexible bellows. 2,577,908, Dec. 11.
Nall, Robert L., New Orleans, La., assignor to The Patent and Licensing Corporation, New York, N. Y. Heating device for molten materials. 2,569,824, Oct. 2.
Nallinger, Friedrich K. H., Stuttgart, Germany. Indicator device for controlling the period of operation of engines. 2,574,583, Nov. 13.
Nalon, Thomas M., Derby, assignor to Farrel-Birmingham Company, Inc., Ansonia, Conn. Cane mill. 2,563,690, Aug. 7.
Nampa, Sulo M.: *See*—
Evans, Robert B., and Nampa.
Evans, Robert B., Nampa, and Fetterly.
Nampa, Sulo M., assignor to Evans Products Company, Detroit, Mich. Freight loading apparatus. 2,546,929, Mar. 27.
Nampa, Sulo M., assignor to Evans Products Company, Detroit, Mich. Freight bracing. 2,563,799, Aug. 7.
Nanfeldt, William J., New Castle, Ind., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Friction element bonding film. 2,560,033, July 10.
Nanna, Frank S., North Lake Village, Ill. Automatic food forming and cooking machine. 2,575,068, Nov. 13.
Nanninga, Arnold J., Leonardville, Kans. Elevating device. 2,556,100, June 5.
Naphtol-Chemie Offenbach, assignee: *See*—
Kirst, Werner.
Napier, D., & Son Limited, assignee: *See*—
Barlow, Benjamin W.
Catford, Adrian L.
Chamberlin, Reginald H. D., Wynne, and Skellern.
Marcell, Reginald C.
Sammons, Herbert, and Hall.
Napoleon, Jacque J., Chicago Heights, Ill. Ironing table. 2,566,740, Sept. 4.
Napoli, John, Monterey, Calif. Propulsion means for speedboats. 2,543,253, Feb. 27.
Napolitan, Charles C.: *See*—
Wilson, Foster C., and Napolitan.
Naps, Marguerite: *See*—
Condo, Fred E., and Naps.

Naps, Marguerite, Oakland, and H. J. Sommer, Lafayette, assignors to Shell Development Company, San Francisco, Calif. Bituminous compositions. 2,550,371, Apr. 24.
Naps, Marguerite, Oakland, and F. E. Condo, El Cerrito, assignors to Shell Development Company, San Francisco, Calif. Interpolymers of unsaturated nitriles. 2,576,075, Nov. 20.
Naps, Marguerite, Oakland, and F. E. Condo, El Cerrito, assignors to Shell Development Company, San Francisco, Calif. Copolymers of unsaturated nitriles. 2,576,076, Nov. 20.
Naps, Marguerite, Oakland, and F. E. Condo, El Cerrito, assignors to Shell Development Company, San Francisco, Calif. Interpolymers of unsaturated nitriles. 2,579,008, Dec. 18.
Naragon, Ernest A.: *See*—
Millendorf, Alfred J., Naragon, and Vergilio.
Naragon, Ernest A., Glenham, assignor to The Texas Company, New York, N. Y. Upgrading olefinic stocks. 2,562,989, Aug. 7.
Naragon, Ernest A., Glenham, A. J. Millendorf and J. H. Vergilio, Beacon, assignors to The Texas Company, New York, N. Y. Regeneration of a cobalt oxo synthesis catalyst. 2,542,558, Feb. 20.
Nardi, Joseph P., Detroit, Mich. Fish lure. 2,546,516, Mar. 27.
Nardon, Carl J., Los Angeles, Calif. Racing plate and making the same. 2,543,330, Feb. 27.
Nardone, Dante J., Brooklyn, assignor to A. Sartorius & Co. Inc., New York, N. Y. Bottle, cap, and brush. 2,550,586, Apr. 24.
Nardone, Romeo M., Teaneck, assignor to J. J. Mascuch, Maplewood, N. J. Cable operation. 2,552,859, May 15.
Nardone, Romeo M., Teaneck, assignor to J. J. Mascuch, Millburn, N. J. Starter. 2,560,812, July 17.
Nardone, Romeo M., Teaneck, assignor to J. J. Mascuch, Maplewood, N. J. Two-way drive. 2,562,568, July 31.
Nardone, Romeo M., Teaneck, assignor to J. J. Mascuch, Maplewood, N. J. Engine starting mechanism. 2,568,404, Sept. 18.
Nardone, Romeo M., Teaneck, assignor to J. J. Mascuch, Maplewood, N. J. Pressure gas generation control. 2,578,443, Dec. 11.
Narrow, Anton H., Memphis, Tenn. Strip forming mold. 2,579,691, Dec. 25.
Näs, Nils R., Falun, Sweden. Needle threader. 2,543,587, Feb. 27.
Nase, Benjamin M., Lederach, assignor to Superior Tube Company, Norristown, Pa. Ion trap and making it. 2,544,934, Mar. 13.
Nash, Albert T., Salt Lake City, Utah. Instrument for computing arcuate lengths and lengths having arcuate components. 2,573,803, Nov. 6.
Nash, Alfred G.: *See*—
Moore, David W., Jr., and Nash.
Nash, Cyril W., assignor to The Woodall-Duckham Vertical Retort and Oven Construction Company (1920) Limited, London, England. Coke oven with gas recirculation means. 2,580,121, Dec. 25.
Nash, Daniel J., assignor to Nash Inc., Jersey City, N. J. Automatically expanding pocket. 2,576,474, Nov. 27.
Nash, Frank L., Widnes, assignor to Turners Asbestos Cement Company Limited, Rochdale, England. Reinforcing asbestos-cement sheets and apparatus for use therein. 2,578,580, Dec. 11.
Nash, Frank L., Widnes, assignor to Turners Asbestos Cement Company Limited, Rochdale, England. Reinforcing asbestos-cement sheets. 2,578,581, Dec. 11.
Nash Inc., assignee: *See*—
Hatfield, Robert L.
Nash, Daniel J.
Nash, John P.: *See*—
Hudspeth, Emmett L., and Nash.
Nash-Kelvinator Corporation, assignee: *See*—
Bjorksten, Johan, Fiedler, and Yaeger.
Doeg, Ralph W.
Fiedler, Stuart O., Bjorksten, and Yaeger.
Frohnapel, Alvah V.
Kishline, Floyd F.
Mortensen, Henry.
Philipp, Lawrence A.
Voigt, Johnston S.
Wahlberg, Nils E.
Yaeger, Luther L.
Nash, Martin E., Bartlesville, Okla., assignor to Phillips Petroleum Company. Treatment of lubricating oils. 2,538,321, Jan. 16.
Nash, William S.: *See*—
Zahner, Hubert S., and Nash.
Nashley, Alvin, New York, N. Y. Laminated material and making the same. 2,577,476, Dec. 4.
Nashua Gummed and Coated Paper Company, assignee: *See*—
Davis, Austin E., and Perry.
Hoitt, Robert W.
Smith, Robert L., and Wight.
Nasmith, John I., assignor to Vickers-Armstrongs Limited, London, England. Apparatus for the surface coating of web materials. 2,574,584, Nov. 13.
Nasmith, John I., and W. Kirby, assignors to Vickers-Armstrongs Limited, London, England. Wire stitching machine. 2,537,480, Jan. 9.
Nason, Richard N., Jr., San Francisco, Calif., assignor to Stauffer Chemical Company. Container for corrosive fluids. 2,574,931, Nov. 13.
Naster, Bert K., Chicago, Ill. Silent energizing device for use with fluorescent lamp assemblies. 2,545,163, Mar. 13.
Naster, Bert K., Chicago, Ill. Instant-start device for energizing a pair of fluorescent lamps. 2,545,164, Mar. 13.
Natalicchio, Vincenzo, Hoboken, N. J. Lipstick case. 2,552,903, May 15.
Nathan, Emanuel, Maplewood, N. J. Block for spectacle cases. 2,540,542, Feb. 6.
Nathan, Jerome, and R. W. Adler, assignors to Bantam-Lite, Inc., New York, N. Y. Pen-shaped pocket flashlight. 2,570,838, Oct. 9.
Nathan Manufacturing Company, assignee: *See*—
Erikson, Carl F.
Winther, Howard.
Nathan, Matthew L., Godalming, assignor to Power Jets (Research and Development) Limited, London, England. Air ducting arrangement for combustion chambers. 2,552,492, May 8.
Nathanson, John, assignee: *See*—
Fischler, Paul E.
Nathenson, M., assignee: *See*—
Cadalzo, Alvaro.
National Acme Company, The, assignee: *See*—
Beacom, Robert.
Drissner, Alfred E.
Jeffrey, Max L.
Park, Allan J., and Dobes.
National Advertising Company, assignee: *See*—
Bullock, Edward A.
National Aluminate Corporation, assignee: *See*—
Bird, Paul G.
Braithwaite, David G.
Jacoby, Arthur L.
Jacoby, Arthur L., and Jacklin.
Ryznar, John W.
National Aluminum Manufacturing Co., assignee: *See*—
Ives, Clifford E.
Kirstin, Alfred J.
National Automatic Tool Company, Inc., assignee: *See*—
Opel, Earl E.
National Automotive Fibres, Inc., assignee: *See*—
Davies, Clarence J.
National Bank and Trust Company of South Bend, The, co-administrator: *See*—
Spencer, Harland L.
National Battery Company, assignee: *See*—
Kennedy, Henry A.
Rupp, John L.
Willihnganz, Eugene.
National Biscuit Company, assignee: *See*—
Moore, George A.
Rhodes, George H., and Lang.
Tascher, Eugene S.
Tascher, Eugene S., and Brungard.
National Blank Book Company, assignee: *See*—
Schade, Frank S.
National Brass Company, assignee: *See*—
Lickteig, Albert F.
Young, Herbert.
National Bread Wrapping Machine Co., assignee: *See*—
Hoppe, William.
National Broach & Machine Company, assignee: *See*—
Austin, Donald D., Sr.
Austin, Donald D., Sr., and Davis.
Bassoff, Arthur.
Gates, Thomas S.
Praeg, Walter S.
Praeg, Walter S., and Bassoff.
National Camera Works, assignee: *See*—
Swinnerton, Gerald.
National Cash Register Company, The, assignee: *See*—
Carey, Edward J., and Kilheffer.
Compton, Justin S., and Kilheffer.
Davidson, John T., Ganger, Crawford, and Sadgebury.
Davidson, John T., Williams, and Lehman.
Desch, Joseph R., and Mumma.
Gantner, Frederick, Klosterman, and Geers.
Good, Alonzo C.
Green, Barrett K., and Sandberg.
Homan, Walter.
Jarrett, John W., Materese.
Lambert, Harry L.
Levy, Sidney.
Moser, Rudolph J.
Slonneger, Bruce K.
Williams, Samuel B.
Wilson, Galen J.
Zurbuchen, Louis E.
National Casket Company Incorporated, assignee: *See*—
MacDonald, Murray J., Schwendler, and Schwendler.
National Chemical Products Limited, assignee: *See*—
Van Aardt, Johannes H. P.
National Clay Pipe Research Corporation, The, assignee: *See*—
Eisner, Benjamin, Everhart, and Montgomery.

National Cylinder Gas Company, assignee: *See*—
Bottoms, Robert R., and Pittman.
Girard, Dean C.
Girard, Dean C., and Roach.
National Dairy Association of New Zealand Limited, assignee: *See*—
Burrell, Newton R., and Thompson.
National Dairy Products Corporation, assignee: *See*—
Horton, Ralph.
National Dairy Research Laboratories, Inc., assignee: *See*—
Weisberg, Samuel M., Paulsen, and Silbermann.
National Defence of Canada, The Minister of, assignee: *See*—
McKay, Arthur F.
National Distillers Products Corporation, assignee: *See*—
Burghart, Lloyd M.
Hasselstrom, Torsten, and Stoll.
Pattee, Ellis C.
Voss, Jack G.
National Drug Company, The, assignee: *See*—
Avakian, Souren, and Martin.
Martin, Gustav J., and Avakian.
Martin, Gustav J., and Moss.
Sullivan, Miller J., and Martin.
Swayne, Vinton R., Jr., and Martin.
National Electric Products Corporation, assignee: *See*—
Kennedy, Frank J.
National Electric Welding Machines Company, assignee: *See*—
Cogan, Howard C.
National Farm Machinery Cooperative, Inc., assignee: *See*—
Harper, Wesley A.
National Folding Box Company, Inc., assignee: *See*—
Mettler, Rollin W.
Williamson, Marshall I.
Williamson, Marshall I., and Carruth.
National Forge & Ordnance Company, assignee: *See*—
Ludwig, Ralph E., and MacBride.
National Foundry Sand Company, assignee: *See*—
Teasel, Chester C.
National Geographic Society, assignee: *See*—
Bumstead, George N.
National Inventions Corporations, assignee: *See*—
Bridges, John H.
National Jewish Hospital, assignee: *See*—
Corper, Harry J.
National Jewish Hospital, The, assignee: *See*—
Corper, Harry J.
National Lead Company, assignee: *See*—
Ancrum, Robert W.
Baldwin, William J.
Beals, Malcolm D., and Blair.
Blumenthal, Warren B.
Cole, Sandford S., and Breitenstein.
Espenschied, Helmut.
Greeley, Joseph T.
Hedeman, William N., and Stone.
Hendricks, John G.
Huebotter, Earl E.
Kingsbury, Franklin L.
Kingsbury, Franklin L., and Schultz.
Nelson, Walter K., and Espenschied.
Schultz, Frank J.
Slavens, Orvel C.
Southard, John C.
Rowe, Lancelot W., and Cole.
Urban, Stephen F., and Comstock.
Wainer, Eugene.
National Lock Company, assignee: *See*—
Burke, William O.
Stone, Roy A.
National Lock Washer Company, The, assignee: *See*—
Schunk, Joseph.
National Machinery Company, The, assignee: *See*—
Friedman, John H.
National Malleable and Steel Castings Company, assignee: *See*—
Buckius, Albert O.
Gavin, Beauford E., Sr.
Gilbert, Howard W.
Metzger, William J.
Moffett, Frank E., and Spence.
Pollard, Frank R., and Young.
Shafer, James A.
Spence, Hubert L.
Willison, Donald.
Willison, Donald, and Spence.
National Marking Machine Company, The, assignee: *See*—
Keuper, William J.
National Motor Bearing Co., Inc., assignee: *See*—
Rainey, Rexton S., Stewart, and Helfrecht.
National Organ Supply Company, assignee: *See*—
Kugel, Harry H.
Woods, William E.
National Plastic Products Company, The, assignee: *See*—
Genovese, Anthony.
Salkin, Jerome.
Van Deventer, Christopher.
National Pneumatic Co., Inc., assignee: *See*—
Conklin, Roscoe D.
Karp, Martin E.
Kilar, John F., and Vander Veer.
Maurer, Paul H.
Schirmer, Cyrus T.
Turner, William C.
Vacha, Fred P.
Weigele, Albert E.
National Poultry Equipment Company, assignee: *See*—
Powell, Clyde C.
National Production Company, assignee: *See*—
Barker, Paul L.
National Rejectors, Inc., assignee: *See*—
Andres, Lloyd J.
National Research Corporation, assignee: *See*—
Clough, Philip J., Morse, Hellier, and Stauffer.
Godley, Philip, 2nd.
Godley, Philip, 2d, and Di Pietro.
National Research Council, assignee: *See*—
Cambron, Adrien, and McKim.
National Research Development Corporation, assignee: *See*—
Laws, Cecil A.
Laws, Cecil A., Pumphrey, Ratsey, and Watson.
Watson, Daniel S., and Laws.
National Rubber Machinery Company, assignee: *See*—
Bücken, Hans E.
Buecken, Hans E., and Heston.
Jones, Thomas C.
Mallory, Edwin E.
National Safety Appliance Co., Ltd., assignee: *See*—
Folker, Herbert P.
National Smokehouse Equipment, Inc., assignee: *See*—
McMullen, Claud S.
National Southern Products Corporation, assignee: *See*—
Young, Clarence B. F.
National Standard Company, assignee: *See*—
Adler, Orville E.
Bailey, Frederick S.
Frazier, Larry C.
Frazier, Larry C., and Shook.
Pierce, Robert C.
National Steel Corporation, assignee: *See*—
Altenburger, Clarence L.
Atkinson, Edward B.
Cerniak, Henry L.
Eddy, Charles M., and Hooper.
Ericson, Paul.
Heller, William D.
Klein, Clarence.
Mayhew, John T.
Prahl, Frederick A.
Reading, Harry J.
Rieger, Ernest W.
Shannon, Harold S.
Strassburger, Julius H.
Thompson, Ralph N.
Vogel, Charles J.
Yoxall, John.
National Supply Company, The, assignee: *See*—
Chamberlain, George R.
Cordrey, Richard N., and Wright.
Hanners, Harvey W., and Areson.
Murphy, Demery A.
Patterson, William R.
Willke, Herbert L.
Young, Forrest J.
National Tank Company, assignee: *See*—
Glasgow, Clarence O.
Glasgow, Clarence O., and Maher.
National Telephone Supply Company, The, assignee: *See*—
Burns, Leroy H.
National Tube Company, assignee: *See*—
Bannister, Bryant.
Bowen, Frank A.
Branning, Delos J.
Daley, Paul L., and Lutz.
Gamble, Jaye S., and Stewart.
Gibson, Walter T., and Zemberry.
Kirchner, George J.
McClure, Carroll W., and Webb.
Offutt, John W.
Ottinger, Harry, and Kirchner.
Tyson, John D.
Webb, Samuel.
National Union Radio Corporation, assignee: *See*—
Kuchinsky, Saul.
Levy, Gustave.
Miller, Carl F.
National Urn Bag Co. Inc., assignee: *See*—
Irmscher, Hans O.
National Valve & Manufacturing Company, assignee: *See*—
Grabe, Clarence G.
National Video Corporation, assignee: *See*—
Carter, Elmer D.
Giacchetti, Anacleto D.
National Water Main Cleaning Co., assignee: *See*—
Frank, William A.
National Welding Equipment Co., assignee: *See*—
Hammon, George L.

Native Laces & Textiles, Incorporated, assignee: *See*—
McCusker, John H.
Natland, Manley L., assignee: *See*—
Taylor, Howard A.
Natoli, Angelo F., Braintree, Mass. Device for hoisting and lowering barrels, etc. 2,573,216, Oct. 30.
Natzler, Paul, Jackson Heights, N. Y., and R. I. Prupis, Irvington, assignors to Conmar Product Corporation, Newark, N. J. Arrow-shaped slide fastener. 2,573,046, Oct. 30.
Naucler, Johan O.: *See*—
Persson, Alef R., and Naucler.
Naught, Harold, Rushville, Ill. Fluid sustained aircraft. 2,567,392, Sept. 11.
Naugle, John J., New York, N. Y. Filtering device. 2,568,085, Sept. 18.
Naugler, Walter E., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Automatic machine for cementing platform soles. 2,544,172, Mar. 6.
Naugler, Walter E., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Articulated nozzle for sole cementing machines. 2,544,173, Mar. 6.
Nauheim, Samuel A., Flushing, N. Y. Beam compass. 2,579,121, Dec. 18.
Naul, James M., Plainfield, N. J. Fluid operated control mechanism for electric motors. 2,550,422, Apr. 24.
Nault, Jean, assignor to B. Trudel & Cie Ltee., Montreal, Quebec, Canada. Homogenization apparatus. 2,555,597, June 5.
Nauman, Walter G., assignee: *See*—
White, Orlando M.
Naumann, Herbert O.: *See*—
Politzer, Alfred, and Naumann.
Naumann, Herbert O., assignor to Oscar Kohorn & Co., Ltd., New York, N. Y. Apparatus for the liquid treatment of packages of yarn. 2,553,106, May 15.
Naumann, Leonard G., Maplewood, assignor to Wagner Electric Corporation, St. Louis, Mo. Brake cylinder closure. 2,565,571, Aug. 28.
Naumann, William M.: *See*—
Brooke, Albert, and Naumann.
Nau-Touron, Albert, Le Vesinet, assignor to Societe a responsabilite limitee Fonderie de Precision, Nanterre, France. Expanding coil carrying mandrel. 2,557,510, June 19.
Navarre, Roger F. D., alias Malherbe, Faisanderie, France. Glass filtering ultra violet radiations and objects made therewith. 2,539,316, Jan. 23.
Navarro, Eugene M., New York, N. Y. Milk bottle holder. 2,549,510, Apr. 17.
Navarro, Eugene M., New York, N. Y. Milk bottle holder. 2,575,971, Nov. 20.
Navasky, Bernard, assignor to Charles Navasky & Co., Inc., Philipsburg, Pa. Waistband construction. 2,560,363, July 10.
Navasky, Charles, & Co., Inc., assignee: *See*—
Navasky, Bernard.
Nave, Alfred E.: *See*—
Norberg, Oscar E., and Nave.
Nave, Alfred E., assignor to Avco Manufacturing Corporation, Cincinnati, Ohio. Door for refrigerator compartments. 2,571,600, Oct. 16.
Nave, Alfred E., assignor to Avco Manufacturing Corporation, Cincinnati, Ohio. Butter conditioner. 2,579,848, Dec. 25.
Nave, Delbert P., Lancaster, and M. B. Nave, Millersville, Pa. Lamp support. 2,566,672, Sept. 4.
Nave, Murray B.: *See*—
Nave, Delbert P. and M. B.
Navias, Louis, Schenectady, N. Y., assignor to General Electric Company. Combustion chamber liner. 2,564,497, Aug. 14.
Navy, United States of America as represented by the Secretary of the, assignee: *See*—
Alvarez, Luis W.
Andrews, Laurence M.
Asselin, George F., and Audrieth.
Barghausen, John W. B., and van Allen.
Bell, Persa R., Jr.
Beringer, Edward R.
Bess, Leon.
Bostick, Winston H.
Bowman, David F.
Boykin, Robert O., Jr.
Brattain, Walter H.
Brettell, George A., Jr., and Bradley.
Burger, Michael J.
Chance, Britton.
Christensen, Orland M.
Christensen, Willard L., and Redding.
Clapp, Roger E.
Colburn, Allan P., and Dodge.
Cole, James W.
Cooper, Harold G., and Schultz.
Cotton, Thomas J., Jr.
Crain, Harry M.
Daly, Thomas A.
Daly, Thomas A., and Gill.
Daly, Thomas A., and Hogue.
Dean, Walter N., and Mautner.
Droz, Marcel E.
Navy, United States of America as represented by the Secretary of the, assignee: *See*—Continued.
Elmer, William B., and Rimer.
Erwood, Joseph, and Beck.
Fenn, Willard H.
Ferris, Robert G., and Jordan.
Fischman, Martin.
Fonda, Gorton R.
Germeshausen, Kenneth J.
Gillett, Glenn D.
Good, Walter A., and Wenrich.
Goudsmit, Samuel A.
Grass, Albert M.
Hadley, Lawrence N., Jr.
Hammar, Gustaf W., Noddin, Rosen, and Trelease.
Hanson, Russell O.
Helminak, John E.
Hendrix, Don O., and Langer.
Hereford, Frank L., Jr., and Whitehead.
Hiatt, Verl H.
Hickman, Clarence N., Graumann, and Mallina.
Hildestad, Harold L.
Holden, Lawrence T.
Howard, Robert A.
Hudspeth, Emmett L., and Nash.
Hughes, Arthur C., Jr.
Huntoon, Robert D.
Ingalls, Clyde E.
Ingraham, Elmer C.
Jackson, Frank H.
Jacobsen, Andrew B.
Jennings, Lawrence D., and Naymik.
Joerndt, Wilbur A.
Joerndt, Wilbur A., and Larson.
Johnson, Walter C., and Stevenson.
Kamm, George N.
Kelly, Harry C.
Kent, Earle L.
Kenyon, Theodore W.
Keto, August I.
Kirkland, Glenn I., and Waters.
Kistiakowsky, George B.
Klein, Norman E.
Larson, Roland W.
Lawrence, Richard B.
Lawson, James L.
Lindvall, Frederick C.
Lindvall, Frederick C., and Lloyd.
Long, John H.
Mabry, Forrest S., and Wilson.
MacNichol, Edward F., Jr.
Malone, James L., and McKinnell.
Mason, Samuel J.
McClellan, Cyril E.
McConnell, Robert A., and Olson.
McLaughlin, Dean B., and Perkins.
McMillan, Edward B.
Mesa, Joseph O.
Miller, Ernest F.
Miller, Robert D.
Minzner, Raymond A.
Muchmore, Thomas F. C.
Naymik, Joseph.
Neal, Robert A.
New, Winston R.
Okrent, Jasper J.
Palmer, James P.
Perkins, Joseph R.
Perry, Thomas M.
Pfund, August H.
Pierce, Firth, and Brettell.
Prescott, Rochelle.
Putman, Henry V., Leonard, Grafinger, and Guidosh.
Rado, John A.
Rapuano, Robert A.
Rasmussen, Volney K.
Reed, John C., Jr.
Reed, Harry J., Jr.
Reed, William A., and Shapiro.
Ridgely, Neville R., Jr., and Sohn.
Roach, Franklin E., and Duemler.
Roberts, Rex A.
Rockwell, Gaynor O.
Rodman, Isaac P.
Rosenberg, Paul.
Rossi, Bruno, Sack, Beyer, and Miller.
Salisbury, Winfield W.
Sayre, David.
Schaelchlin, Walter, Winchester, and Ponstingl.
Schmidt, Lothar M.
Schmitt, Otto H.
Schmitt, Otto H., and Hidy.
Schuck, Raymond W.
Sebring, Paul B.
Shedlovsky, Theodore.
Sherwin, Chalmers W.
Shoub, Harry.
Shultz, William S.
Silberstein, George P.
Smythe, William R.
Stalber, Howard F.
Stanton, Russell S.
Starr, Merle A.

Navy, United States of America as represented by the Secretary of the, assignee: *See*—Continued.
Stokes, John F.
Stokes, Robert R.
Strandberg, Malcolm W. P.
Straus, Henry A., Getting, and Chu.
Svoboda, Antonin.
Tashjian, David R.
Thompson, Albert S.
Tindal, Charles H., and Davis.
Trischka, John W., and Sack.
Van Atta, Lester C.
Vine, Allyn C.
Wachtell, George P.
Walker, Earl C.
Wallace, Robert L., Jr., and Ericson.
Walton, Cecil E.
Washburn, Clayton A.
White, Harry J.
White, Milton G.
Whiteman, Irvin R.
Wilchinsky, Zigmond W.
Wilkes, Gilbert.
Winter, David F., and Carlson.
Wolf, James M.

Naylor, Joseph F., Newton-le-Willows, assignor to T. & T. Vicars Limited, Earlestown, Newton-le-Willows, England. Conveying means for laminar articles. 2,563,184, Aug. 7.

Naylor, Joseph F., Newton-le-Willows, assignor to T. & T. Vicars Limited, Earlestown, Newton-le-Willows, England. Stripping device for conveyers. 2,576,633, Nov. 27.

Naylor, Roland G.: *See*—
Muth, Walter E., and Naylor.

Naylor, Sydney: *See*—
Smith, Ellis, Naylor, and Maw.

Naymik, Joseph: *See*—
Jennings, Lawrence D., and Naymik.

Naymik, Joseph, Sharon, Pa., assignor, by mesne assignments, to the United States of America as represented by the Secretary of the Navy. Removable closure for deferred action batteries. 2,566,242, Aug. 28.

Naysmith, Shirley R., assignor to The Miller Company, Meriden, Conn. Fluorescent lighting fixture with reinforcing straps. 2,540,904, Feb. 6.

Neal, Claude E.: *See*—
McCain, Edward H., and Neal.

Neal, Duane R.: *See*—
Wallis, Harold B., and Neal.

Neal, Earl S., San Mateo, Calif. Toilet bowl deodorant dispenser. 2,575,676, Nov. 20.

Neal, Ernest C., Chicago, Ill., assignor of one-half to G. H. Neal and one-half to C. Jacobsen, Portland, Oreg. Adjustable gunsight. 2,543,123, Feb. 27.

Neal, Frank, Cattaraugus, N. Y. Rolling cart. 2,571,601, Oct. 16.

Neal, George H., assignee: *See*—
Neal, Ernest C.

Neal, Marshall S.: *See*—
Howard, Ben O., and Neal.

Neal, Morris P., Quincy, Ill., assignor to A-B-C Packaging Machine Corporation. Box flap gluing device. 2,547,963, Apr. 10.

Neal, Morris P., Quincy, Ill., assignor to A-B-C- Packaging Machine Corporation. Glue supply means for packaging machines. 2,572,047, Oct. 23.

Neal, Ralph H.: *See*—
Vahlteich, Hans W., Gooding, and Neal.

Neal, Robert A., Media, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Gas turbine fuel control with throttle controlled manually and by fluid pressure from an isochronous governor. 2,573,724, Nov. 6.

Neal, Robert A., Media, Pa., assignor, by mesne assignments, to the United States of America as represented by the Secretary of the Navy. Fuel governor for jet engines. 2,576,352, Nov. 27.

Neal, Robert A., and L. F. Cummings, Media, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Jet engine fuel nozzle holder and mounting. 2,548,904, Apr. 17.

Neal, Wayne M., Gainesville, Fla., assignor, by Decree of Court, to the State of Florida, The State Board of Education of Florida, and State Board of Control. Treatment of fruit wastes. 2,548,510, Apr. 10.

Neale, Fred, Coventry, England. Brake adjusting device. 2,548,044, Apr. 10.

Neale, John S., Hendon, London, assignor to Pennine Aircraft Limited, Manchester, England. Multirotor helicopter. 2,540,404, Feb. 6.

Neale, John S., Rochdale, assignor to Pennine Aircraft Limited, Manchester, England. Helicopter. 2,551,455, May 1.

Nealley, Lynn L., Santa Rosa, Fla. Fire extinguisher and perforating device. 2,567,344, Sept. 11.

Neamand, Vincent, Warminster Township, Bucks County, Pa. Tool for breaking concrete and the like. 2,557,195, June 19.

Nearing, Allan B., and E. U. Sandin, West Hartford, Conn. Coupling device. 2,577,145, Dec. 4.

Nease, Aubrey H., Plainfield, N. J., assignor to General Aniline & Film Corporation, New York, N. Y. Aqueous dispersions of dichloro-diphenyl trichloroethane. 2,556,820, June 12.

Nebel, Charles N., Denville, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Controlling transmission in microwave systems. 2,563,612, Aug. 7.

Nebesar, Robert J., assignor to Universal Moulded Products Corporation, Bristol, Va. Closure for containers. 2,536,655, Jan. 2.

Neblett, Theodore E., Rockville Centre, N. Y. Telephone appliance. 2,541,712, Feb. 13.

Neblett, Theodore E., Rockville Centre, N. Y. Telephone substation apparatus. 2,562,732, July 31.

Nebout, Noël J., Montlucon, assignor to Societe Anonyme des Pneumatiques Dunlop, Paris, France. Tire valve. 2,551,038, May 1.

Nechine, Leonard M., Chicago, Ill., assignor to Chicago Pump Company. By-pass arrangement for pumping apparatus. 2,563,862, Aug. 14.

Neckel, Edmund N., assignor to The American Laundry Machinery Company, Cincinnati, Ohio. Control mechanism for the fluid pressure operating motor of pressing machines. 2,567,444, Sept. 11.

Necrason, Edmund J., Afton, N. Y. Nonskid device. 2,537,231, Jan. 9.

Nederlandse Centrale Organisatie Voor Toegepast-Natuurwetenschappelijk Onderzoek, assignee: *See*—
Van Dijck, Willem J. D.

Nedoh, Andrew R., Barberton, Ohio. Shear diaphragm relief union. 2,553,267, May 15.

Neeb, Bertha R., executrix: *See*—
Geier, James.

Neece, Pierce L., Los Angeles, Calif. Hair singeing tool. 2,564,126, Aug. 14.

Needham, Irene B., Corunna, Ontario, Canada. Arithmetic card game. 2,562,633, July 31.

Needham, John C., Chiswick, assignor to Evershed & Vignoles Limited, London, England. Liquid level indicator. 2,567,823, Sept. 11.

Needham, Victor E., Wilford, assignor to The Birmingham Small Arms Company Limited, Small Heath, England. Steering heads of cycles. 2,551,503, May 1.

Needs, Sydney J., assignor to Kingsbury Machine Works, Inc., Philadelphia, Pa. Guide bearing. 2,553,107, May 15.

Neef, Ferdinand, Zurich, Switzerland. Manufacture of a completely soluble highly nutrient product in powder form. 2,553,467, May 15.

Neely, Clarence L., Corydon, Iowa. Fowl mating saddle. 2,553,864, May 22.

Neely, David R., Forsyth, Ga. Spinning frame control. 2,541,885, Feb. 13.

Neely, De Forest F., Kansas City, Mo. Apparatus for manufacture of type fonts. 2,571,471, Oct. 16.

Neely, Glen W., Oak Park, Ill., assignor to The Richardson Company, Lockland, Ohio. One hundred and eighty degree hinge. 2,541,377, Feb. 13.

Neely, William H.: *See*—
Blumensaadt, Svend G., Neely, and Page.

Neenah Milk Products Company, assignee: *See*—
Galloway, Edwin J.

Neer, Clifford H., assignor to The Burt Machine Company, Baltimore, Md. Case filling machine. 2,559,655, July 10.

Neesby, Torben E., Oslo, assignor to Norsk Sulfo Aktieselskap, Hovik, near Oslo, Norway. Stabilized polythionates as medicinal cosmetics. 2,551,627, May 8.

Neese, Alonzo A.: *See*—
Goodwillie, John E., and Neese.

Neff, James A., Berea, Ohio. Fish lure with interchangeable bodies of different character. 2,546,772, Mar. 27.

Neff, Loren L., Long Beach, and E. L. Wampler, Anaheim, assignors to Union Oil Company of California, Los Angeles, Calif. Insecticidal compositions. 2,564,855, Aug. 21.

Neff, Joseph J., South Euclid, assignor, by mesne assignments, to Jack & Heintz Precision Industries, Inc., Cleveland, Ohio. Height gauge. 2,541,535, Feb. 13.

Neff, Joseph J., Los Altos, and F. I. Fuller, Palo Alto, Calif. Surgical mallet. 2,542,695, Feb. 20.

Nefzger, Hans A.: *See*—
Von Hofe, George W., and Nefzger.

Negin, Julius A., assignee: *See*—
Whittington, Roy D.

Negin, Julius A., East Cleveland, and L. J. Gaspar, Jr., assignors of one-half to W. Isler, Cleveland, Ohio. Body attachment for jeeps. 2,556,101, June 5.

Negovan, Albert, Chicago, Ill. Adjustable shore. 2,540,752, Feb. 6.

Negri, John A., Santa Monica, Calif. Automatic glass washing and sterilizing machine. 2,561,631, July 24.

Negro, John, assignor of one-third to S. R. Kramer and one-third to E. A. Faley, Chicago, Ill. Pneumatic electric switch. 2,556,209, June 12.

Negus, Albert L., Jr., Madison, Wis. Disk dispenser. 2,545,042, Mar. 13.

Neher, Clarence M.: *See*—
Harvey, Clarence C., Neher, and Dorsky.

Neher, Clarence M., and S. N. Hall, Baton Rouge, La., assignors to Ethyl Corporation, New York, N. Y. Recovery of benzene hexachloride. 2,564,406, Aug. 14.

Neher, Eldon P., North Manchester, Ind., assignor to The General Tire & Rubber Company, Akron, Ohio. Coupling. 2,537,847, Jan. 9.
Neher, Eldon P., North Manchester, Ind., assignor to The General Tire and Rubber Company, Akron, Ohio. Resilient mounting. 2,571,281, Oct. 16.
Neher, Maynard B.: *See*—
Hass, Henry B., and Neher.
Nehi Corporation, assignee: *See*—
Verdery, Holcombe M., Jr.
Nehrbas, Howard G., Hammond, Ind., assignor to Combustion Engineering-Superheater, Inc. Steam generator. 2,554,631, May 29.
Nehrenz, William L., New York, N. Y. Garment with expandable opening. 2,580,314, Dec. 25.
Nehring, Emil A. and W. E., Elmore, Minn. Planter frame and control therefor. 2,546,231, Mar. 27.
Nehring, Wallace E.: *See*—
Nehring, Emil A. and W. E.
Nehrke, Charles, New York, N. Y. Toy coupling. 2,578,368, Dec. 11.
Neidt, Anthony E., assignee: *See*—
Germer, Walter E.
Neidt, George E., assignee: *See*—
Germer, Walter E.
Neier, Reinhard, and W. Wehrli, assignors to Sandoz Limited, Basel, Switzerland. Metallizable monoazo dyestuffs and their manufacture. 2,549,922, Apr. 24.
Neighbour, Leonard B., Moline, and H. C. Esbeck, Silvis, assignors to Deere & Company, Moline, Ill. Elevator structure comprising interconnected conveyer sections. 2,557,612, June 19.
Neighbour, Leonard B., Moline, and W. W. Kellums, Silvis, assignors to Deere & Company, Moline, Ill. Attachment coupling for vehicle accessories. 2,558,266, June 26.
Neighbour, Leonard B., Moline, and H. C. Esbeck, Silvis, assignors to Deere & Company, Moline, Ill. Portable elevator. 2,568,865, Sept. 25.
Neikirk, Floyd E., Clyde, Ohio. Clip board. 2,548,389, Apr. 10.
Neild, William G., Fair Lawn, assignor to Bendix Aviation Corporation, Teterboro, N. J. Carbon pile regulator. 2,536,205, Jan. 2.
Neill, William J., assignor to Columbus Metal Products Inc., Columbus, Ohio. Electropolishing composition and process. 2,542,779, Feb. 20.
Neils, J., Lumber Company, assignee: *See*—
Rathert, Walter H., and Wilson.
Rathert, Walter H., Wilson, Murray, Wilson, and Martin.
Neilsen, Peter C., Chicago, Ill. Rasp loading fixture. 2,560,735, July 17.
Neilson, Alan C.: *See*—
Miller, Earle C., and Neilson.
Neilson, Allan K., Highland Park, Mich. Automatic depletion indicating support for containers. 2,580,041, Dec. 25.
Neilson, Christopher B. V.: *See*—
Orloff, George, and Neilson.
Neilson, John F., and J. A. Hawkes, Spondon, near Derby, England, assignors to Celanese Corporation of America. Manufacture of organic esters of cellulose. 2,543,191, Feb. 27.
Neilson, Mary D., Minneapolis, Minn. Adjustable garment structure. 2,541,713, Feb. 13.
Neiman, Charles H., Jr., and G. W. Wood, assignors to York-Shipley, Inc., York, Pa. Burner nozzle pipe assembly. 2,553,520, May 15.
Neiman, William E., Elmhurst, N. Y. Gravity supporting internal attachment for telephone hand sets. 2,554,309, May 22.
Nein, William C., New York, N. Y. List finding device. 2,556,734, June 12.
Neininger, James T., Canton, Ohio. Dart target with moving member. 2,563,057, Aug. 7.
Neisingh, Walter J., Fresno, Calif. Tool actuating unit. 2,539,921, Jan. 30.
Neisser, Wilson R.: *See*—
Hayward, John M., Johnson, and Neisser.
Neiswinter, James T., New York, N. Y., assignor to American Telephone and Telegraph Company. Electronic control telegraph repeater for hub circuit operation in telegraph service boards. 2,553,978, May 22.
Neja, Ambrose A., Anaheim, Calif. Box stacking apparatus. 2,550,587, Apr. 24.
Nejezchleb, Alfred J., Fairfield, Nebr. Shifting lever stabilizer. 2,561,632, July 24.
Neklutin, Vadim C., Naugatuck, Conn., assignor to United States Rubber Company, New York, N. Y. Reduction activated peroxygen catalyzed synthetic rubber emulsion polymerizations. 2,554,681, May 29.
Nekola, William J.: *See*—
Wehmiller, Frederick W., Nekola, and Spelbrink.
Nekoosa Foundry and Machine Works, Inc., assignee: *See*—
Power, Michael J.
Nelboeck, Edgar F., *See*—
Dackor, Emil, Nelboeck, and Thiel.
Nelius, Harold E., assignor to The Weber Dental Manufacturing Company, Canton, Ohio. Fluid operated safety jack apparatus. 2,546,904, Mar. 27.
Nell, Edith L., assignor of one-half to J. Nell, Loogootee, Ind. Skein holder. 2,545,744, Mar. 20.
Nell, Johnnie, assignee: *See*—
Nell, Edith L.
Nelmor Corporation, assignee: *See*—
Morgenstern, David M.
Nelpin Manufacturing Co., Inc., assignee: *See*—
Pinkham, Clarence A., and Holohan.
Nelson, Alex A., Pleasant Ridge, Mich. Preparing an artificial denture. 2,551,812, May 8.
Nelson, Andrew J.: *See*—
Dow, Arthur L., and Nelson.
Nelson, Andrew J., Stratford, assignor to United Aircraft Corporation, East Hartford, Conn. Pressure fluid servomotor. 2,560,813, July 17.
Nelson, Arthur E., University City, Mo. Bracket. 2,542,696, Feb. 20.
Nelson, Arthur E., University City, Mo. Bracket. 2,558,058, June 26.
Nelson, Arthur W., assignee: *See*—
Protzeller, Harry W.
Nelson, Arvid: *See*—
Santini, Danilo, Nelson, and Suozzo.
Nelson, Arvid M.: *See*—
Santini, Danilo, Nelson, and Suozzo.
Nelson, Averd, assignor to Prentiss Wabers Products Co., Wisconsin Rapids, Wis. Gravity feed fuel control means for wick type burners. 2,569,944, Oct. 2.
Nelson, Bertel S.: *See*—
Mackmann, Arthur, and Nelson.
Nelson, Carl E.: *See*—
Oberg, Elmer B., Nelson, and Hankinson.
Nelson, Carl F., Mill Valley, and V. A. Nelson, Oakland, Calif. Collapsible tube dispensing device having rockable tube-engaging members. 2,574,797, Nov. 13.
Nelson, Charles F., Tuscaloosa, Ala. Roach trap. 2,552,997, May 15.
Nelson, Charles R., Orinda, M. A. D. Taylor, Berkeley, D. D. Davidson, Walnut Creek, and L. M. Peters, assignors to Shell Development Company, San Francisco, Calif. Olefin hydration process. 2,579,601, Dec. 25.
Nelson, Clarence E., Chicago, and E. K. Kuhles, Wilmette, Ill., assignors to Kraft Foods Company. Manufacture of edible plastics. 2,557,135, June 19.
Nelson, Donald O., West Los Angeles, Calif, assignor to Bendix Aviation Corporation, South Bend, Ind. Thermal fluid flow indicator. 2,543,588, Feb. 27.
Nelson, Donald O., Los Angeles, Calif., assignor to Bendix Aviation Corporation, South Bend, Ind. Stylus structure for electrical recorders. 2,557,196, June 19.
Nelson, Donald O., Los Angeles, Calif., assignor to Bendix Aviation Corporation, South Bend, Ind. Adjustable contact structure for periodic switches. 2,557,197, June 19.
Nelson, E. F., Company, Inc., assignee: *See*—
Nelson, Ellis F.
Nelson, Eddie R.: *See*—
Thorp, Leroy M., and Nelson.
Nelson, Edward, Sycamore, Ill. Ice-cream dispensing machine. 2,568,293, Sept. 18.
Nelson, Eldridge V., Washington, D. C. Photograph frame. 2,541,600, Feb. 13.
Nelson, Ellis F., Everett, assignor to E. F. Nelson Company, Inc., Boston, Mass. Luminescent attachment for telephone-handset handles. 2,539,266, Jan. 23.
Nelson, Ellis F., Everett, assignor to E. F. Nelson Company, Inc., Boston, Mass. Spectacle temple. 2,561,402, July 24.
Nelson, Ellis F., Everett, assignor to E. F. Nelson Company, Inc., Boston, Mass. Ophthalmic mounting. 2,561,403, July 24.
Nelson, Evan H.: *See*—
Francis, Victor J., and Nelson.
Isaacs, George G., and Nelson.
Nelson, Evan H., Harrow Weald, and E. B. Power, Kenton, England, assignors to General Electric Company. Electric discharge lamp. 2,549,328, Apr. 17.
Nelson, Floyd R.: *See*—
Baertschi, Fred P., and Nelson.
Nelson, Francis W., Bronx, N. Y. Fishing line trip sinker. 2,573,981, Nov. 6.
Nelson, Frank E., and I. I. Peters, assignors to Iowa State College Research Foundation, Ames, Iowa. Preperation of blue-veined cheese. 2,560,182, July 10.
Nelson, Frank H., Philadelphia, Pa., and R. H. Dreisbach, assignors to The Magnavox Company, Fort Wayne, Ind. Amplitude-modulation-frequency-modulation antenna. 2,572,183, Oct. 23.
Nelson, Franklin S., assignor to The Maico Company, Incorporated, Minneapolis, Minn. Receiver for hearing aids. 2,549,629, Apr. 17.
Nelson, Frederick F., Wauconda, Wash. Orchard ladder. 2,562,634, July 31.
Nelson, George E. N.: *See*—
Lockwood, Lewis B., and Nelson.
Nelson, George H.: *See*—
Craighead, Philip B., and Nelson.
Nelson, George T., Lebanon, Tenn. Automatically steered carriage for road paving machines. 2,556,503, June 12.
Nelson, Gilbert E.: *See*—
Blank, Merton H., and Nelson.
Nelson, Harry, assignor to Lorentzen Hardware Mf'g. Corp., New York, N. Y. Cord stop applying machine. 2,565,983, Aug. 28.

Nelson, Harry, assignor to Lorentzen Hardware Mf'g. Corp., New York, N. Y. Venetian blind. 2,569,866, Oct. 2.
Nelson, Harry W., Arlington, N. J. Plastic hypodermic syringe. 2,575,425, Nov. 20.
Nelson, Helmer S., Chicago, Ill. Oil filtering apparatus. 2,540,134, Feb. 6.
Nelson, Henry C., Jr., Schenectady, N. Y., assignor to General Electric Company. Increasing the viscosity of liquid resinous organopolysiloxanes. 2,579,332, Dec. 18.
Nelson, Herbert, Bloomfield, N. J., assignor to Radio Corporation of America. Beam deflection tube with secondary emission electrode. 2,563,482, Aug. 7.
Nelson, Herbert J.: *See*—
Robison, David I., and Nelson.
Nelson, Hildred, Chicago, Ill. Brassière. 2,540,631, Feb. 6.
Nelson, Homer B.: *See*—
Walters, Frank J., and Nelson.
Nelson, Homer B., Vandalia, Ohio. Hoist winch. 2,567,231, Sept. 11.
Nelson, Jessie A., New York, and A. Dorne, Freeport, solids. 2,554,263, May 22.
Nelson, John: *See*—
Rehnberg, Axel F., and Nelson.
Nelson, John, Rockford, Ill. Drilling unit. 2,574,347, Nov. 6.
Nelson, John J., Alameda, Calif. Tow hitch. 2,540,591, Feb. 6.
Nelson, John W., assignee: *See*—
Rakos, Joseph F.
Nelson, John W., assignor to The Upjohn Company, Kalamazoo, Mich. Extraction of hydrolyzed estrogens from urine. 2,578,729, Dec. 18.
Nelson, Joseph F.: *See*—
Morrell, Charles E., Carlson, Nelson, and Stewart.
Wilson, Howard L., Leary, and Nelson.
Nelson, Joseph F., Elizabeth, N. J., assignor to Standard Oil Development Company. Polymerization reaction vessel. 2,577,856, Dec. 11.
Nelson, Joseph F., Clark Township, Union County, and B. R. Tegge, Roselle, N. J., assignors to Standard Oil Development Company. Treatment of isobutylene polymer slurry to enlarge particle size. 2,542,559, Feb. 20.
Nelson, Karl J.: *See*—
Martin, Homer Z., and Nelson.
Rex, Walter A., and Nelson.
Nelson, Karl J., Cranford, N. J., assignor to Standard Oil Development Company. Fluidized carbonization. 2,549,117, Apr. 17.
Nelson, Karl J., Cranford, N. J., assignor to Standard Oil Development Company. Gasification of carbonaceous
assignors to Airborne Instruments Laboratory, Inc., Mineola, N. Y. Antenna system. 2,555,857, June 5.
Nelson, Karl J., Cranford, and H. Z. Martin, Roselle, N. J., assignors to Standard Oil Development Company. Fluidized carbonization process. 2,537,153, Jan. 9.
Nelson, Leonard, and E. F. Nilsson, Peekskill, N. Y. Clamp and holder combined. 2,541,434, Feb. 13.
Nelson, Lettie B., Minneapolis, Minn. Overshoe with elastic vamp closure. 2,554,376, May 22.
Nelson, Lewen R., Peoria, Ill. Hose coupling. 2,562,116, July 24.
Nelson, Marcus L.: *See*—
Cargile, Neil H., Clemetson, and Nelson.
Nelson, Martin L., Park Ridge, assignor to Production Instrument Company, Chicago, Ill. Switch. 2,541,376, Feb. 13.
Nelson, Martin L., Park Ridge, assignor to Production Instrument Company, Chicago, Ill. Numerical counter. 2,544,610, Mar. 6.
Nelson, Martin L., Park Ridge, assignor to Production Instrument Company, Chicago, Ill. Counting apparatus. 2,544,894, Mar. 13.
Nelson, Martin L., Park Ridge, assignor to Production Instrument Company, Chicago, Ill. System and apparatus for controlling and counting the output of screw machines. 2,544,895, Mar. 13.
Nelson, Melven V., and E. H. Seibert, assignors to Autopoint Company, Chicago, Ill. Index card and holder therefor. 2,547,166, Apr. 3.
Nelson, Mildred P., assignee: *See*—
Polsen, Samuel D., and Nelson.
Nelson, Milton A., Rockford, Ill. Extensible flashlight. 2,550,423, Apr. 24.
Nelson, Morton J.: *See*—
Holst, Paul F. G., and Nelson.
Nelson, Nels A.: *See*—
Nicolaus, Frank G., Burnside, and Nelson.
Nelson, Nels A., assignor to R. T. Moloney, Chicago, Ill. Coin chute. 2,539,855, Jan. 30.
Nelson, Noral A., Royal Oak, assignor to Harry Ferguson, Inc., Detroit, Mich. Tractor hitch. 2,555,987, June 5.
Nelson, Noral A., Royal Oak, assignor to Harry Ferguson, Inc., Detroit, Mich. Bucket attachment for tractor mounted forks. 2,577,977, Dec. 11.
Nelson, Norman H., assignee: *See*—
Polsen, Samuel D., and Nelson.
Nelson, Oscar A., Covina, Calif. Portable electric orchard heater. 2,551,039, May 1.

Nelson, Oscar E., Detroit, Mich. Utensil handle. 2,552,806, May 15.
Nelson, Oscar E., Detroit, Mich. Door latch. 2,575,972, Nov. 20.
Nelson, Oscar G., and P. H. Poetzsch, Baltimore, Md., assignors to Western Electric Company, Incorporated, New York, N. Y. Distributor mechanism. 2,562,733, July 31.
Nelson, Oscar W., Duluth, Minn. Safety replacement cover for catch basins. 2,576,353, Nov. 27.
Nelson, Peyton J., Eugene, Oreg. Apparatus for detecting metal objects on a moving belt. 2,547,407, Apr. 3.
Nelson, Ralph J.: *See*—
Billington, Raymond I., and Nelson.
Nelson, Richard B., Schenectady, N. Y., assignor to General Electric Company. Anode structure for space resonant discharge devices. 2,546,773, Mar. 27.
Nelson, Richard B., Schenectady, N. Y., assignor to General Electric Company. Apparatus for uniform heating with electromagnetic fields. 2,549,511, Apr. 17.
Nelson, Richard B., Schenectady, N. Y., assignor to General Electric Company. Electron coupled magnetron oscillator. 2,549,846, Apr. 24.
Nelson, Richard B., Schenectady, N. Y., assignor to General Electric Company. Ultra high frequency field responsive apparatus. 2,571,156, Oct. 16.
Nelson, Robert B., Newton, Iowa. Demountable lawn chair. 2,564,915, Aug. 21.
Nelson, Rolland D., Hales Corners, Wis., assignor to McGraw Electric Company. Open type valve arrester. 2,539,749, Jan. 30.
Nelson, Rolland D., Hales Corners, Wis., assignor to McGraw Electric Company. Hermetically sealed operating device. 2,551,847, May 8.
Nelson, Rolland D., Hales Corners, Wis., assignor to McGraw Electric Company. Short-circuiting fuse construction. 2,571,472, Oct. 16.
Nelson, Rose H., Sacramento, Calif. Tourist cabinet stool. 2,555,988, June 5.
Nelson, Rupert, assignor of one-half to W. W. Ickes, San Francisco, Calif. Lifter for handling objects. 2,576,235, Nov. 27.
Nelson, Seddon C., Front Royal, Va., assignor to American Viscose Corporation, Wilmington, Del. Tension device. 2,556,290, June 12.
Nelson, Seddon C., Front Royal, Va., assignor to American Viscose Corporation, Wilmington, Del. Apparatus for tensioning running strands. 2,556,291, June 12.
Nelson, Seddon C., Front Royal, Va., assignor to American Viscose Corporation, Wilmington, Del. Cord twister stopping means. 2,561,749, July 24.
Nelson, Sven H.: *See*—
Polsen, Samuel D., and Nelson.
Nelson, Theodore J., Crockett, Calif. Shipping case. 2,570,973, Oct. 9.
Nelson, Thomas A., Chicago, Ill. Container capping device. 2,541,601, Feb. 13.
Nelson, Thomas E., Pontiac, Mich. Oil seal. 2,573,591, Oct. 30
Nelson, Thomas E., Pontiac, Mich. Oil seal. 2,576,721, Nov. 27.
Nelson, Verner A.: *See*—
Nelson, Carl F. and V. A.
Nelson, Vernon: *See*—
Corl, Oliver A., Jr., and Nelson.
Nelson, Victor, Chicago, Ill. Saw filing guide. 2,543,192, Feb. 27.
Nelson, Walter K., and H. Espenschied, Metuchen, N. J., assignors to National Lead Company, New York, N. Y. Purification of titanium tetrachloride. 2,555,361, June 5.
Nelson, Walter R., Elmhurst, Ill. Ambulatory invalid chair. 2,578,828, Dec. 18.
Nelson, William J.: *See*—
Leiding, Elmer A., Nelson, and Rutka.
Nemet, Anthony, and M. Berindei, London, England, assignors to The Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Electrotherapeutic impulse generator. 2,576,634, Nov. 27.
Nemeth, Steffen P., Chicago, Ill. Liquid fuel burner. 2,560,364, July 10.
Nemetz, Gustav: *See*—
Etzelt, Heinrich, and Nemetz.
Nemetz, Valarie, administratrix: *See*—
Etzelt, Heinrich, and Nemetz.
Nemir, Clarence T., assignor to K. N. H. Corporation, Washington, D. C. Machine for blanching nut meats. 2,564,916, Aug. 21.
Nemnich, Gustav, assignor of one-fourth to W. H. Madden, Huntington, N. Y. Preparing fuel and air mixtures for internal-combustion motors. 2,555,200, May 29.
Nenninger, Lester F., E. D. Vancil, and F. A. Hassman, assignors to The Cincinnati Milling Machine Co., Cincinnati, Ohio. Milling machine transmisson and control mechansm. 2,555,242, May 29.
Neon Products, Inc., assignee: *See*—
Howenstine, James A.
Howenstine, James A., and Smith.
Nepera Chemical Co, Inc., assignee: *See*—
Duesel, Bernard F., and Gister.
Duesel, Bernard F., and Scudi.
Neptune, Charles B., Los Angeles, Calif. Crutch. 2,568,654, Sept. 18.

Neptune Meter Company, assignee: *See*—
Hazard, Charles S., and Shipman.
Kampf, Harry E.
Neracher, Carl A., and W. T. Dunn, Detroit, assignors to Chrysler Corporation, Highland Park, Mich. Shift control and servoactuating means for power transmissions. 2,571,473, Oct. 16.
Neracher, Otto: *See*—
Martin, Henry, Margot, Neracher, Schindler, and Hodel.
Nergaard, Leon S., Princeton, N. J., assignor to Radio Corporation of America. Cavity resonator arrangement. 2,563,412, Aug. 7.
Nerheim, Lawrence F., Seattle, Wash. Vacuum cleaner. 2,564,339, Aug. 14.
Nesbitt, Clifford W., Kalamazoo, Mich., assignor to Borg-Warner Corporation, Chicago, Ill. Air-heating furnace and hollow baffle structure therefor. 2,550,081, Apr. 24.
Nesco, Inc., assignee: *See*—
Stine, Harry R.
Ne Smith, William C., Jacksonville, Fla. Collapsible awning. 2,576,692, Nov. 27.
Ne Smith, Woodrow, Dodge, Nebr., assignor, by mesne assignments, to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Control apparatus. 2,548,997, Apr. 17.
Ness, Arthur B., Marshallton, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Coated products. 2,556,885, June 12.
Ness, Arthur B., Marshallton, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Adhesive tape. 2,561,064, July 17.
Ness, Harold J., Montclair, assignor to Metallurgical Processes Co., Newark, N. J. Vaporizing apparatus. 2,554,377, May 22.
Ness, Robert A., Royal Oak, Mich. Dental floss holder. 2,544,276, Mar. 6.
Nesset, Naurice M., Glenview, assignor to Baxter Laboratories, Inc., Morton Grove, Ill. Preparation of protein digestion product. 2,554,632, May 29.
Nesson, Israel, Lynn, assignor to Max Zaiger, Swampscott, Mass. Variable resistor switch. 2,543,373, Feb. 27.
Nesson, Israel, Lynn, assignor to M. Zaiger, Swampscott, Mass. Windshield wiper arm. 2,557,755, June 19.
Nesson, Israel, Lynn, assignor to M. Zaiger, Swampscott, Mass. Wiper blade connector. 2,563,356, Aug. 7.
Nestle-Le Mur Company, The, assignee: *See*—
Cook, Harold M.
Nestor, Leonard R., assignor to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Starch adhesive sheet material and composition therefor. 2,559,043, July 3.
Nestor, Theodora D., Detroit, Mich. Convertible table and ironing board. 2,554,446, May 22.
Netherly, George P.: *See*
Cross, Bert S., and Netherly.
Netherwood, Paul H.: *See*—
Robinson, Preston, and Netherwood.
Nette, Henry C.: *See*—
Alexanderson, Howard A., and Nette.
Nettel, Frederick, Manhasset, N. Y. Supercharged internal-combustion engine with starting means and starting same. Re. 23,444, Dec. 18.
Netteland, Loyal G., Minneapolis, Minn. Air-conditioned baby crib. 2,559,654, July 10.
Netteland, Olav, Oslo, Norway. Device containing electron tubes for automatically stabilizing high-voltage sources with symmetrical potential distribution. 2,569,945, Oct. 2.
Nettelbladt, Bo G.: *See*—
Larsson, Frans T. and F. A., von Dardel, and Nettelbladt.
Netterstrom, Ivan F., Dayton, Ohio. Golf ball washer. 2,540,687, Feb. 6.
Netz, Johann A., Batavia, assignor to Lanca Handbags Corporation, New York, N. Y. Machine for covering handbag frames. 2,569,534, Oct. 2.
Neu, Edward A., Jr., assignor to Reaction Motors, Inc., Rockaway, N. J. Pump discharge valve. 2,575,677, Nov. 20.
Neu, Ferdinand C., Ridgefield, N. J. Dyeing machine. 2,573,047, Oct. 30.
Neubauer, Emil T. P., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Bearing construction with segmental shoes on flexible resilient supports. 2,577,798, Dec. 11.
Neubauer, Herman E., assignor to Blaw-Knox Company, Buffalo, N. Y. Drying drum. 2,542,287, Feb. 20.
Neubauer, Joseph A., Pittsburgh, Pa., and T. W. Heiskell, New Martinsville, W. Va., assignors to Pittsburgh Plate Glass Company. Recovery of chlorine. 2,540,905, Feb. 6.
Neubeck, Gustave A., North Patchogue, N. Y. Dispensing container with measuring extension outlets. 2,554,050, May 22.
Neuber, Fritz: *See*—
Mangold, Michael, and Neuber.
Neuber, Hilda, administratrix: *See*—
Mangold, Michael, and Neuber.
Neudeck, Joseph E., Union, N. J., assignor to Standard Oil Development Company. Gasoline fuel containing dimethyl carbinol and solvent oil. 2,579,692, Dec. 25.
Neuendorf, Harold E.: *See*—
Cole, George H., Hoel, Neuendorf, and Corneaby.
Neufeld, Elizabeth, assignee: *See*—
Berkowitz, Harry.
Neufeld, Jacob, Oak Ridge, Tenn., assignor to Well Surveys, Incorporated. Multiplex well logging system. 2,543,532, Feb. 27.
Neuhart, Frederick C., Bartlesville, Okla., assignor to Phillips Petroleum Company. Dehydration of petroleum hydrocarbons. 2,570,974, Oct. 9.
Neuhaus, Max, Pleasantville, assignor to Jefferson Chemical Company, Inc., New York, N. Y. Preparing olefin chlorohydrins. 2,566,355, Sept. 4.
Neuhaus, Max, Pleasantville, R. E. Conary, Beacon, and L. W. Devaney, Fishkill, assignors to The Texas Company, New York, N. Y. Thiophene preparation from hydrocarbons, alcohols, or monohalo hydrocarbons and sulfur dioxide. 2,557,678, June 19.
Neuman, Norman, Montreal, Quebec, Canada. Electric light fixture for elongated tubular fluorescent lamps. 2,564,273, Aug. 14.
Neumann, Albrecht J.: *See*—
Landon, Vernon D., Neumann, and Smith.
Neumann, Arthur E., Chicago, Ill. Transparent luminescent object. 2,577,030, Dec. 4.
Neumann, Fred W.: *See*—
Pedlow, George W., Jr., and Neumann.
Neumann, Fred W., Nazareth, Pa., assignor to General Aniline & Film Corporation, New York, N. Y. Aliphatic nitro compounds as azo coupling components. 2,541,886, Feb. 13.
Neumann, Fred W., Nazareth, Pa., assignor to General Aniline & Film Corporation, New York, N. Y. Diazotypes on plastic surfaced carrier containing 5,5′ diresorcinol. 2,542,560, Feb. 20.
Neumann, Fred W., Nazareth, Pa., assignor to General Aniline & Film Corporation, New York, N. Y. 4-hydroxy-2-alkylbenzimidazoles as azo coupling components in diazo types. 2,548,845, Apr. 10.
Neumann, Georg, and U. Gottesmann, assignors to "Bureau Technique Gautrat," S. A. R. L., Paris, France. Electrolytic cell and, in particular, alkaline cell. 2,571,927, Oct. 16.
Neumann, George R., St. Clair Shores, and E. J. Effinger, Ferndale, Mich., assignors to Borg-Warner Corporation, Chicago, Ill. Floor furnace. 2,541,602, Feb. 13.
Neumann, Herbert F.: *See*—
Percy, Joseph H., and Neumann.
Neumann-Lezius, Hans, and E. Wilberg, assignors to Brunsviga Maschinenwerke Aktiengesellschaft, Brunswick, Germany. Punctuating device for registers. 2,549,512, Apr. 17.
Neuroth, John, and J. C. Smith, assignors to The Prosperity Company, Inc., Syracuse, N. Y. Water level and temperature control system for washing machines. 2,570,148, Oct. 2.
Neuser, Edwin P., Francis Creek, Wis. Carburetor choke. 2,571,602, Oct. 16.
Neustadt, Harrison, New York, N. Y. Metal window construction. 2,563,058, Aug. 7.
Neustadter, Irving, Brooklyn, N. Y. Prefabricated artificial tooth retaining member. 2,573,804, Nov. 6.
Neustadter, Irving, Brooklyn, N. Y. Machine for making dentures. 2,573,805, Nov. 6.
Neustrand, Byrnold C., Cranford, N. J., assignor to The Linde Air Products Company. Indicating meter dial plate adjustable mounting. 2,541,174, Feb. 13.
Neuwirth, Paul, New York, N. Y., assignor to Tele-Tone Radio Corporation. Horizontal deflection circuit. 2,565,392, Aug. 21.
Neva-Clog Products, Inc., assignee: *See*—
Vogel, Rudolf.
Nevada Leasehold Corporation, assignee: *See*—
Hall, Jesse E.
Nevelow, Nathan, assignee: *See*—
McIntosh, Leonard S.
Neven, Pierre, Gloucester, assignor to Impregnated Diamond Products Limited, Bath, Somersetshire, England. Borofluoride bonded abrasive articles and the manufacture thereof. 2,536,953, Jan. 2.
Never Fail Products Co., Inc., assignee: *See*—
Laurila, Frans H.
Neves, Alfred S., Honolulu, Territory of Hawaii. Perpetual calendar. 2,548,553, Apr. 10.
Nevill, Gale E.: *See*—
Allen, Herbert, and Nevill.
Neville Company, The, assignee: *See*—
Geiger, Lyle M.
Neville, Harvey E., Shaker Heights, Ohio. Vertical lift aircraft control. 2,540,543, Feb. 6.
Neville, Joseph F., Woodruff, Utah. Pry tool for removing tire casings from rims. 2,560,885, July 17.
Nevin, Robert S., Sr., Dundalk, and C. M. Fields, Baltimore, assignors to The Glenn L. Martin Company, Middle River, Md. Mechanical vibrator. 2,569,900, Oct. 2.
Nevison, John A., Media, and W. K. Griesinger, Drexel Hill, assignors to The Atlantic Refining Company, Philadelphia, Pa. Production of nonionic detergents from oxidized wax and olefin oxide. 2,542,697, Feb. 20.
New, Mary W., Alexandria, Va. Surgical bandage for the arm, shoulder, and clavicle. 2,549,703, Apr. 17.
New, Winston R., Springfield, Pa., assignor, by mesne assignments, to the United States of America as represented by the Secretary of Navy. Turbine apparatus. 2,574,190, Nov. 6.

Newall Engineering Company Limited, The, assignee: *See*—
Summers, Kenneth E.
Newark Stove Company, assignee: *See*—
Henyan, Clare A.
Walton, Arthur K., and Cline.
Newberg, Raymond G.: *See*—
Sparks, William J., Baldwin, and Newberg.
Newberg, Raymond G., Cranford, N. J., assignor to Standard Oil Development Company. Resinous compositions comprising a styrene isoolefin copolymer and a vinyl polymer. 2,571,928, Oct. 16.
Newberg, Raymond G., Cranford, and D. W. Young, Roselle, N. J., assignors to Standard Oil Development Company. Plasticized phenolic resin blends. 2,540,592, Feb. 6.
Newberg, Raymond G., Cranford, O. C. Slotterbeck, Rahway, and B. M. Vanderbilt, Westfield, N. J., assignors to Standard Oil Development Company. Vinyl resin plasticized with liquid copolymer of diolefin and nitrile. 2,552,904, May 15.
Newbery, Arthur L., Robertsbridge, England. Construction toy. 2,568,557, Sept. 18.
Newbold, Park L., Cedar Rapids, Iowa. Automatic drain spout. 2,541,536, Feb. 13.
Newbold, Park L., Cedar Rapids, Iowa. Pedal lift gate. 2,542,258, Feb. 20.
New Britain Machine Company, The, assignee: *See*—
Angle, Glenn D.
Fors, John A.
Gridley, George O.
Montgomery, Donald H.
Retz, William B.
Rockwell, Edward A.
Newby, Thomas H., Waterbury, Conn., assignor to United States Rubber Company, New York, N. Y. Vulcanized rubber and preserving same. 2,549,118, Apr. 17.
Newby, Warner E., Vallejo, Calif. Windless auto arm signal. 2,539,460, Jan. 30.
Newcomb, Avon L., Bloomfield Hills, and O. E. Fenn, Grand Rapids, assignors to Newcomb-Detroit Company, Detroit, Mich. Spray booth. 2,536,998, Jan. 2.
Newcomb, Benjamin R.: *See*—
Dickhaut, Charles A., and Newcomb.
Newcomb-Detroit Company, assignee: *See*—
Newcomb, Avon L., and Fenn.
Newcomb, George W., Baltimore, Md. Undercutter. 2,541,537, Feb. 13.
Newcomb, Ralph V., and H. F. Keeler, Marysville, assignors to Di Giorgio Fruit Corporation, San Francisco, Calif. Apparatus for spraying trees. 2,538,879, Jan. 23.
Newcomb, Raymond A., assignor to Erie Meter Systems, Inc., Erie, Pa. Valved coupling. 2,543,589, Feb. 27.
Newcombe, Jack: *See*—
Hughes, William B., and Newcombe.
Newcomer, Jack S.: *See*—
McBee, Earl T., and Newcomer.
Newcomer, Martin, Cheshire, assignor to Olin Industries, Inc., New Haven, Conn. Bonded unhexed tubes. 2,577,124, Dec. 4.
Newcomer, Martin, Branford, and C. S. Williams, Saugatuck, assignors to Olin Industries, Inc., New Haven, Conn. Sectional heat exchanger. 2,539,669, Jan. 30.
Newcum, Kenneth M., Harmony, assignor to Remco, Incorporated, Zelienople, Pa. Vented refrigerant tube coupling. 2,542,877, Feb. 20.
Newcum, Kenneth M., assignor to Remco, Incorporated, Zelienople, Pa. Molded disk refrigerant drier filter unit. 2,556,292, June 12.
Newcum, Kenneth M., Harmony, assignor to Remco, Inc., Zelienople, Pa. Refrigerant drier-filter unit. 2,557,557, June 19.
New Dictatype Company, Incorporated, assignee: *See*—
Von Duyke, Harrison M.
Newell, Daniel, Kenmore, N. Y. Hose reel. 2,573,868, Nov. 6
Newell, Edward C., Derry Village, N. H. Method and apparatus for automatically making rectangular sheets of fabric. 2,546,831, Mar. 27.
Newell, Edward T., Portland, Oreg. Truck body with unloading means. 2,541,538, Feb. 13.
Newell, Edward T., Portland, Oreg. Tail gate for truck bodies. 2,563,736, Aug. 7.
Newell, Floyd B.: *See*—
Matner, Vincent E., Newell, and Shepardson.
Newell, Frederick T., Bradford, Pa. Wheeled attachment for transporting boats. 2,551,040, May 1.
Newell, George K., Pitcairn, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Combination valve and switch mechanism. 2,540,753, Feb. 6.
Newell, George K., near Pitcairn, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Accelerometer testing device. 2,540,754, Feb. 6.
Newell, Isaac L.: *See*—
Edson, Alden P., and Newell.
Newell, Isaac L., Wethersfield, Conn. Case hardening composition. 2,553,865, May 22.
Newell, Isaac L., Wethersfield, Conn. Blackening iron and steel and composition of matter therefor. 2,579,752, Dec. 25.
Newell, Russell J., assignee: *See*—
Hieb, Herbert.
Newell, Sidney W., Danville, assignor to The Union Diesel Engine Company, Oakland, Calif. Unitary starting and dynamic braking system for internal-combustion engines. 2,579,155, Dec. 18.
Newell, William H.: *See*—
McKenney, Henry F., and Newell.
Newell, William H., New York, N. Y., assignor to The Sperry Corporation. Motion-reproducing device. 2,540,989, Feb. 6.
Newell, William H., New York, and L. S. Brown, Long Island City, N. Y., assignors to The Sperry Corporation. Gun sight control. 2,550,712, May 1.
Newell, William H., New York, J. D. Tear, Great Neck, and L. S. Brown, Long Island City, N. Y., assignors to The Sperry Corporation. Automatic gun control system. 2,569,571, Oct. 2.
New England Box Company, The, assignee: *See*—
Bowers, Harold E.
New Enterprises, Inc., assignee: *See*—
Hayward, Carle R., and Wright.
Newey, Herbert A., Richmond, and E. C. Shokal, Walnut Creek, assignors to Shell Development Company, San Francisco, Calif. Glycidyl ether compositions. 2,553,718, May 22.
Newey, Herbert A., Richmond, and E. C. Shokal, Oakland, assignors to Shell Development Company, San Francisco, Calif. Glycidyl ether compositions and using same. 2,575,558, Nov. 20.
New Hermes Engraving Machine Corp., assignee: *See*—
Schimmel, Norbert.
New Hermes Ring Engraving Corporation, assignee: *See*—
Gruettaner, Gerhard G., and Stiefel.
Newhouse, Abe, Brooklyn, N. Y. Coat structure and making the same. 2,554,151, May 22.
Newhouse, Leon M., Brooklyn, assignor to Longines-Wittnauer Watch Co., Inc., New York, N. Y. Diamond setting for watches. 2,536,206, Jan. 2.
Newhouse, Leon M., Brooklyn, assignor to Longines-Wittnauer Watch Co., Inc., New York, N. Y. Watch casing. 2,566,741, Sept. 4.
Newhouse, Walter F., Benton Harbor, Mich. Wire-bound box fastener. 2,542,049, Feb. 20.
Newitt, John H., Montclair, N. J., assignor to Federal Telephone and Radio Corporation, New York, N. Y. Electrical switching system. 2,576,137, Nov. 27.
New Jersey Machine Corporation, assignee: *See*—
Von Hofe, George W.
Von Hofe, George W., and Nefzger.
New Jersey Optical Company, assignee: *See*—
Cook, Roland T.
New Jersey Zinc Company, The, assignee: *See*—
Andrews, Earl W.
Handwerk, Erwin C., and Lentz.
Reimert, Lawrence J., and Fatzinger.
Scheer, Charles L., and McFarland.
Newkirk, Kermit E.: *See*—
McElroy, Charles D., and Newkirk.
Newkirk, William B., La Grange, E. H. Williams, Glen Ellyn, Ill., C. A. Rietz, San Francisco, Calif., and A. B. Dunwody, Evanston, Ill., assignors of one-half to Corn Products Refining Company, New York, N. Y. and one-half to Rietz Manufacturing Company, San Francisco, Calif. Starch manufacturing process. 2,573,048, Oct. 30.
Newlin, Robert M.: *See*—
Ernst, Winfield G., and Newlin.
Newlove, Benjamin C., Pasadena, assignor to C. W. Morse, Santa Monica, Calif. Coating material spreader for strip material. 2,556,772, June 12.
Newmaker, Fred C., Warren, Pa. Collapsible yarn holder. 2,545,790, Mar. 20.
Newman, Charles E., Oskaloosa, Iowa. Machine for checking oiling systems of automobile truck and tractor engines. 2,576,035, Nov. 20.
Newman, Douglas A., Port Washington, assignor to Columbia Ribbon and Carbon Manufacturing Company, Inc., Glen Cove, N. Y. Planographic master plate. 2,556,144, June 5.
Newman, Douglas A., Port Washington, assignor to Columbia Ribbon and Carbon Manufacturing Company, Inc., Glen Cove, N. Y. Continuously renewing lithographic printing surfaces by means of the fountain fluid. 2,569,488, Oct. 2.
Newman, Douglas A., Port Washington, assignor to Columbia Ribbon and Carbon Manufacturing Company, Inc., Glen Cove, N. Y. Photosensitive planographic plate. 2,570,262, Oct. 9.
Newman, Douglas A., Sea Cliff, assignor to Columbia Ribbon and Carbon Manufacturing Company, Inc., Glen Cove, N. Y. Web coating apparatus. 2,565,319, Aug. 21.
Newman, Elsie K., Oakland, Calif. Moistureproof cover for sanitary napkins. 2,551,691, May 8.
Newman, Ernest W., Newtown, assignor to The Locke Steel Chain Company, Bridgeport, Conn. Sprocket chain package. 2,571,748, Oct. 16.
Newman, Irving J., and H. W. Schmidt, assignors to Newman-Schmidt Studios, Pittsburgh, Pa. Film developing apparatus. 2,557,307, June 19.
Newman, John B., assignee: *See*—
Buchanan, Lloyd A.
Newman, John P., Los Angeles, Calif. Impact wrench. 2,576,851, Nov. 27.

Newman, John S., Hamden, Conn., and K. L. Berninger, Dayton, Ohio, assignors to General Motors Corporation, Detroit, Mich. Ignition control. 2,565,984, Aug. 28.
Newman, Lewis, Harrison, assignor to The Daven Company, Newark, N. J. Switch plate for electrical switches. 2,571,054, Oct. 9.
Newman, Louis B., Chicago, Ill. Surgical speculum. 2,579,849, Dec. 25.
Newman, Marcel K., Syracuse, N. Y., assignor to Specialties Development Corporation, Belleville, N. J. Discharging fluid pressure media. 2,569,489, Oct. 2.
Newman, Marcel K., Syracuse, N. Y., assignor to Specialties Development Corporation, Belleville, N. J. Carbon dioxide snow forming horn. 2,569,490, Oct. 2.
Newman, Melvin S., assignor to Ohio State University Research Foundation, Columbus, Ohio. 6-alkoxy-4-methylhexyne-2-diol-1,4 and esters thereof and process. 2,555,362, June 5.
Newman, Melvin S., assignor to Ohio State University Research Foundation, Columbus, Ohio. 6-acyloxy-4-methylhexyne-2-diol-1,4 and producing the same. 2,555,598, June 5.
Newman, Melvin S., assignor to Ohio State University Research Foundation, Columbus, Ohio. 1-hydroxy-6-alkoxy-4-methylhexadiene-2,4 and carboxylic acid esters thereof. 2,555,599, June 5.
Newman, Melvin S., assignor to Ohio State University Research Foundation, Columbus, Ohio. Preparation of vitamin A intermediates. 2,555,600, June 5.
Newman, Melvin S., assignor to The Ohio State University Research Foundation, Columbus, Ohio. Intermediate products and the preparation thereof. 2,555,601, June 5.
Newman, Melvin S., assignor to Ohio State University Research Foundation, Columbus, Ohio. 6-alkoxy-4-methylhexene-2-diol-1,4 and esters thereof. 2,555,989, June 5.
Newman, Melvin S., Columbus, Ohio, assignor to the United States of America as represented by the Secretary of the Army. Insect repellents. 2,564,714, Aug. 21.
Newman, Norman R.: *See*—
Bornemann, William, and Newman.
Newman, Percy A., assignor to Ross Gear and Tool Company, La Fayette, Ind. Machine tool. 2,547,832, Apr. 3.
Newman, Richard J.: *See*—
Childs, Wayne R., Schnell, and Newman.
Newman, Richard J., Scotia, N. Y., assignor to General Electric Company. Plotting system. 2,580,240, Dec. 25.
Newman, Robert J.: *See*—
Linn, Carl B., and Newman.
Newman-Schmidt Studios, assignee: *See*—
Newman, Irving J., and Schmidt.
Newman, Theodore N.: *See*—
Starner, Charles J., and Newman.
Newman, William C., assignee: *See*—
Houston, Wilbur D.
Newport Optical Mfg. Co., Inc., assignee: *See*—
Collinson, Stanley E.
New Process Gear Corporation, assignee: *See*—
Schultze, Helmuth A.
New Products Corporation, assignee: *See*—
Banker, Oscar H.
Newsom, Earl G., Dayton, Ohio. Radio distance measuring system. 2,576,963, Dec. 4.
Newsom, James B., Great Neck, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Crossbar tandem office for telephone systems. 2,559,312, July 3.
Newstead, Ralph, New York, N. Y. Collapsible chair having foldable armrests. 2,545,968, Mar. 20.
Newstrom, Walter O.: *See*—
Thacker, Bernard J., Harris, and Newstrom.
Newton, Alwin B.: *See*—
Qualley, Ray W., and Newton.
Newton, Alwin B., Dayton, Ohio, assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Outlet control. 2,537,315, Jan. 9.
Newton, Alwin B., Dayton, Ohio, assignor to Chrysler Corporation, Highland Park, Mich. Drive for air controlling grilles. 2,537,367, Jan. 9.
Newton, Alwin B., Dayton, Ohio, assignor to Chrysler Corporation, Highland Park, Mich. Room air conditioner mixing fresh and recirculated air. 2,540,957, Feb. 6.
Newton, Alwin B., Dayton, Ohio, assignor to Chrysler Corporation, Highland Park, Mich. Air discharge control. 2,540,958, Feb. 6.
Newton, Alwin B., Dayton, Ohio, assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Exhaust gas turbine with variable nozzle area for maintaining constant pressure drop through the turbine. 2,544,852, Mar. 13.
Newton, Alwin B., Dayton, Ohio, assignor to Chrysler Corporation, Highland Park, Mich. Automatic control valve for condenser coolant. 2,551,758, May 8.
Newton, Alwin B., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Control for refrigerating apparatus. 2,553,979, May 22.
Newton, Alwin B., Dayton, Ohio, assignor to Chrysler Corporation, Highland Park, Mich. Temperature control system. 2,555,990, June 5.
Newton, Alwin B., Dayton, Ohio, assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Multiple stage air-conditioning system. 2,561,067, July 17.
Newton, Alwin B., Dayton, Ohio, assignor to Chrysler Corporation, Highland Park, Mich. Compressor. 2,578,146, Dec. 11.
Newton, Amos S., and O. Johnson, Ames, Iowa, assignors to the United States of America as represented by the United States Atomic Energy Commission. Preparation of uranium nitride. 2,544,277, Mar. 6.
Newton, Benjamin I.: *See*—
McKibben, Horace E., and Newton.
Newton, Charles G., Jr., Newburyport, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Unsupported box toe and counter materials. 2,572,184, Oct. 23.
Newton, Douglas R., Ann Arbor, and R. W. Niles, Saline, Mich.; said Niles assignor to said Newton. Automatic photographic processing device. 2,542,830, Feb. 20.
Newton, Edwin B.: *See*—
Gross, Malcolm E., and Newton.
Sears, Daniel S., and Newton.
Newton, Francis A., assignee: *See*—
Tschirf, Hubert W.
Newton, Fred P., Gainesville, and L. M. Barker, Wichita Falls, Tex. Sport seat. 2,571,282, Oct. 16.
Newton, Frederick, Sudbury, England, assignor, by mesne assignments, to The Cleveland Trust Company, trustee, Cleveland, Ohio. Carbon pile electric regulator. Re. 23,352, Apr. 3.
Newton, Herman S., Temple, Tex., assignor to Vonnegut Moulder Corporation, Indianapolis, Ind. Swing Sander. 2,561,589, July 24.
Newton, Isaac L., assignor to The Honorary Advisory Council for Scientific and Industrial Research, Ottawa, Ontario, Canada. X-ray apparatus. 2,554,051, May 22.
Newton, Lowell R.: *See*—
Walter, Charles T., Newton, and Haase.
Newton, Orville L., Harvey, and L. M. Erickson, Chicago, Ill. Brush cleaning apparatus. 2,546,041, Mar. 20.
Newton, Raymond A.: *See*—
Hartley, Lloyd S., and Newton.
Newton, Roger H., Bowling Green, Pa., assignor to Houdry Process Corporation, Wilmington, Del. Apparatus for contacting fluent solids with gases. 2,538,030, Jan. 16.
Newton, Roy W., Collingwood, Victoria, Australia. Watering system for agricultural, horticultural, and such like purposes. 2,545,745, Mar. 20.
Newton, Roy W., Collingwood, Victoria, Australia. Water supply system. 2,552,493, May 8.
Newton, William H.: *See*—
Bauer, Ernest K., and Newton.
New Wrinkle, Inc., assignee: *See*—
Fisher, John R., Jr.
Flanagan, William F.
Toulmin, Harry A., Jr.
Waldie, William A
New York Air Brake Company, The, assignee: *See*—
Alger, Martin J., Jr.
Elsworth, John Van Varick.
Huber, Matthew W.
Klein, William F.
Safford, Lewis A.
New York Central Railroad Company, The, assignee: *See*—
Simmons, Lawrence C.
New York and Pennsylvania Co., Inc., assignee: *See*—
Putnam, Charles P.
New York Quinine and Chemical Works, Incorporated, assignee: *See*—
Baizer, Manuel M.
Baizer, Manuel M., and Williams.
New York Rubber Corporation, assignee: *See*—
Harris, Herschel G., and Davis.
New York Wire Cloth Company, assignee: *See*—
Houghton, Daniel E.
Ney, William O., Jr.: *See*—
Barnes, Carl E., and Ney.
Niagara Alkali Company, assignee: *See*—
Lawlor, Francis E.
Stevenson, James K.
Niagara Blower Company, assignee: *See*—
Kals, Walter.
Niagara Machine & Tool Works, assignee: *See*—
Munschauer, Edwin A., Jr.
Munschauer, Frederick E.
Niagara Platers, Inc., assignee: *See*—
Wilkie, Charles W.
Nibaud, Charles, Neuilly-sur-Seine, France. Gear shifting device. 2,546,865, Mar. 27.
Nibbe, George H., Concord, Mass., assignor, by mesne assignments, to the United States of America as represented by the Secretary of War. Automatic frequency control system. 2,558,371, June 26.
Niblick, Walter P., Dayton, Ohio. Motion translating apparatus. 2,562,569, July 31.
Nicaise, Leon A., Lambersart-les-Lille, France. Recording scale. 2,544,038, Mar. 6.
Niccolls, Leslie N., Eugene, Oreg. Groove cutting or inletting tool. 2,559,987, July 10.
Nicely, Garland L., Covington, Va. Guide for correcting typewriting. 2,558,147, June 26.

Nichol, Arthur V., Elkins Park, assignor to Philco Corporation, Philadelphia, Pa. Ignition interference suppression. 2,563,952, Aug. 14.
Nichol, Donald G., Portland, Oreg. Baby walker. 2,565,257, Aug. 21.
Nichol, Wilbert G., Pittsburgh, Pa., assignor to United States Steel Company. Furnace door. 2,557,456, June 19.
Nicholas, John, assignor to E. S. & A. Robinson, Limited, Bristol, England. Apparatus for making paper and like bags. 2,565,258, Aug. 21.
Nicholl, Edward J., Charlton Kings, assignor to Dowty Equipment Limited, Arle Court, Cheltenham, England. Mechanism to minimize pitching in braked aircraft bogie undercarriages. 2,578,200, Dec. 11.
Nicholl, Edward J., Cheltenham, assignor to Saunders-Roe Limited, Osborne, East Cowes, Isle-of-Wight, England. Two stage retractable float for aircraft. 2,563,263, Aug. 7.
Nicholl, Leonard: *See*—
Flisik, Alvin C., and Nicholl.
Nicholls, Augustus H.: *See*—
Swayze, Donald L., and Nicholls.
Nicholls, James S., Jr.: *See*—
Stanley, Alexander J., and Nicholls.
Nicholls, Kenneth H., assignee: *See*—
Rose, Alfred G.
Nicholls, Richard S., and D. E. Fonner, assignors to Miles Laboratories, Inc., Elkhart, Ind. Diagnostic composition. 2,577,978, Dec. 11.
Nicholoy, Winford E., assignor to The Scott Viner Company, Columbus, Ohio. Conveyer belt aligning mechanism. 2,567,494, Sept. 11.
Nichols, Charles A., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Mold assembly. 2,554,378, May 22.
Nichols, Charles A., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Mold assembly. 2,574,223, Nov. 6.
Nichols, Charles A., L. E. Pooie, Anderson, D. G. Mahoney, and M. D. McShurley, Muncie, Ind., assignors to General Motors Corporation, Detroit, Mich. Assembling apparatus. 2,568,248, Sept. 18.
Nichols, Edward C., Upton, assignor to Draper Corporation, Hopedale, Mass. Loom letoff ratchet lever. 2,541,969, Feb. 13.
Nichols, Edward C., Upton, assignor to Draper Corporation, Hopedale, Mass. Loom shuttle and shuttle box therefor. 2,566,530, Sept. 4.
Nichols, Ellsworth G., Winchester, assignor to E. F. Kemp Corp., Somerville, Mass. Packaging nuts. 2,542,206, Feb. 20.
Nichols Engineering & Research Corp., assignee: *See*—
Clift, Mortimer A.
Nichols, Frank S.: *See*—
Oxley, Horace F., Thomas, and Nichols.
Nichols, Fred L., Minneapolis, Minn. Multiple-speed drill press. 2,566,579, Sept. 4.
Nichols, Gordon E., assignor to Winthrop-Atkins Co., Inc., Middleboro, Mass. Easel. 2,563,357, Aug. 7.
Nichols, Gordon E., assignor to Winthrop-Atkins Co., Inc., Middleboro, Mass. Making calendar mounts. 2,568,458, Sept. 18.
Nichols, Harry J., New York, N. Y. Fuse. 2,541,603, Feb. 13.
Nichols, Harry J., New York, N. Y. Amplitorque controllable pitch propeller. 2,548,045, Apr. 10.
Nichols, Harry J., New York, N. Y. Automatic engine synchronizer. 2,557,991, June 26.
Nichols, Harry J., New York, N. Y. Remote control and answer-back system. 2,575,357, Nov. 20.
Nichols, Harry J., Point Pleasant, N. J. Hydraulic synchronizing system. 2,557,679, June 19.
Nichols, Howard D.: *See*—
Burks, George E., Lundberg, and Nichols.
Nichols, John: *See*—
Hays, Richard Y., and Nichols.
Nichols, John L., Washington, D. C. Baby carrier. 2,550,851, May 1.
Nichols, John R., Jackson, Mich., assignor to J. E. McLendon doing business as Time Saver Tool Co., Dallas, Tex. Gripping and disassembling tool. 2,568,294, Sept. 18.
Nichols, Joseph, assignor to Interchemical Corporation, New York, N. Y. Esters of α,β-unsaturated dicarboxylic acids with cyclic adducts of conjugated dienes and β,γ-unsaturated alcohols. 2,557,136, June 19.
Nichols, Nathan P., Danvers, Mass., assignor, by mesne assignments, to the United States of America as represented by the Secretary of War. Continuous-strip anode for magnetrons. 2,548,808, Apr. 10.
Nichols, Rex, Edgbaston, and W. Brown, Kings Heath, Birmingham, England. Nut-tapping machine. 2,580,187, Dec. 25.
Nichols, Thomas W., Hutton, England. Shaft driven refrigerating apparatus. 2,557,886, June 19.
Nichols, William M., Schenectady, assignor to American Locomotive Company, New York, N. Y. Gas control system. 2,555,653, June 5.
Nichols, William M., Schenectady, assignor to American Locomotive Corporation, New York, N. Y. Diesel engine combustion chamber. 2,556,773, June 12.
Nichols, William M., Schenectady, assignor to American Locomotive Company, New York, N. Y. Gas turbine. 2,557,198, June 19.
Nicholson, Albert N., assignor of one-sixth to J. W. Rackerby, Jr., one-sixth to E. R. Lessard, and one-sixth to J. C. Bloom, Santa Rosa, Calif. Refrigeration apparatus. 2,578,829, Dec. 18.
Nicholson, Charles D., Stillwater, assignor of one-half to A. A. Skauge, Austin, Minn. Vaporizing-type oil burner. 2,547,341, Apr. 3.
Nicholson, Edward W. S.: *See*—
Nicolai, Lloyd A., Nicholson, and Smith.
Nicholson, Frank H.: *See*—
Blosser, Herman G., and Nicholson.
Nicholson, George E., and J. B. McGay, assignors to Precision Products, Inc., Tulsa, Okla. Escapement mechanism. 2,562,635, July 31.
Nicholson, George E., and J. B. McGay, Tulsa, Okla., assignors, by mesne assignments, to Ohmer Corporation, Dayton, Ohio. Diaphragm. 2,578,730, Dec. 18.
Nicholson, James B., Craigmillar, Slocksfield, assignor to The Corrugated Packing and Sheet Metal Company Limited, Gateshead, England. Gasket for insertion between joint faces which are subject to pressure. 2,544,347, Mar. 6.
Nicholson, John A., Wewoka, Okla. Detachable bucket drip pan. 2,550,713, May 1.
Nicholson, Madison G., Jr., Snyder, assignor, by mesne assignments, to Sylvania Electric Products Inc., New York, N. Y. Signal-seeking receiver for frequency-modulated signals. 2,565,876, Aug. 28.
Nicholson, Madison G., Jr., Snyder, and M. C. Scott, Lancaster, assignors, by mesne assignments, to Sylvania Electric Products Inc., New York, N. Y. Muting system for radio receivers. 2,546,401, Mar. 27.
Nicholson, Ralph A., Chicago, Ill., assignor, by mesne assignments, to Lyon Industries, Inc., New York, N. Y. Automatic beverage dispensing apparatus. 2,571,283, Oct. 16.
Nicholson, William H., Woodbury, N. J. Lawn swing. 2,548,443, Apr. 10.
Nicholson, William H., Woodbury, N. J. Amusement device. 2,576,852, Nov. 27.
Nickel, Sage, Atlantic Beach, assignor to Nickel Tackle Company, Jacksonville, Fla. Artificial bait casting or trolling fishing lure. 2,573,592, Oct. 30.
Nickel Tackle Company, assignee: *See*—
Nickel, Sage.
Nickell, Chester T., Cherry Point, N. C. Automatic brake for automotive vehicles. 2,554,954, May 29.
Nickell, Claude H., New Castle, Ind. Tail wheel assembly. 2,544,278, Mar. 6.
Nickell, Claude H., New Castle, Ind. Adjustable valve tappet. 2,567,078, Sept. 4.
Nickells, Stanley W.: *See*—
Wilson, John M., and Nickells.
Wilson, John M., Nickells, and Smith.
Nickells, Stanley W., St. Louis Park, assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Cycler. 2,556,973, June 12.
Nickels, Joseph E., assignor to Koppers Company, Inc., Pittsburgh, Pa. Isomerization of phenols. 2,551,628, May 8.
Nickels, Joseph E., and W. M. Kutz, assignors to Koppers Company, Inc., Pittsburgh, Pa. Production of beta-ethylnaphthalene. 2,570,263, Oct. 9.
Nickerson, Elmer K., Springfield, assignor to The Chapman Valve Manufacturing Co., Indian Orchard, Springfield, Mass. Valve. 2,573,648, Oct. 30.
Nickerson, Mark: *See*—
Goodman, Louis S., and Nickerson.
Nickerson, Mortimer H., Springfield, Mass., assignor, by mesne assignments, to D. B. Alexander, H. T. Chamberlain, J. F. Mannion, W. A. Wade, E. R. Bourke, E. W. Schneider, and C. S. Vrtis, as trustees of The Arthur J. Schmitt Foundation, Lemont, Ill. Pressure adhesive tape and sheet. 2,554,791, May 29.
Nickle, Arthur G.: *See*—
Nickle, Frank H., and A. G.
Nickle, Frank H., and A. G., Saginaw, Mich. Toothed roll crusher-feeder. 2,539,317, Jan. 23.
Nickle, Frank H. and A. G., Saginaw, Mich. Two-rall type crusher-feeder. 2,562,282, July 31.
Nicodemus, Kenneth L., Dallas, Tex. Combined fish and bait bucket. 2,573,352, Oct. 30.
Nicolai, Lloyd A., and E. W. S. Nicholson, Baton Rouge, La., and J. O. Smith, Coventry, England, assignors to Standard Oil Development Company. Prevention of coke formation in pyrolysis of acetone. 2,537,079, Jan. 9.
Nicolas, Pamphile, assignor of 50 per cent to A. L. Pomerleau, Jackman Station, Maine. Container for small articles. 2,555,757, June 5.
Nicolaus, Frank G., assignor to Raymond T. Moloney, Chicago, Ill. Register device with spiral number display. 2,551,692, May 8.
Nicolaus, Frank G., Chicago, Ill., assignor to R. T. Moloney. Permutation and combination mechanism. 2,579,241, Dec. 18.
Nicolaus, Frank G., W. M. Burnside, and N. A. Nelson, Chicago, Ill., assignors to R. T. Moloney. Coin and check separator. 2,561,880, July 24.
Nicoll, Frederick H.: *See*—
Epstein, David W., and Nicoll.
Nicolle, Charles, Gentilly, France. Sheet material with weakened tearing line. 2,546,698, Mar. 27.

Nicolle, Charles, Gentilly, France. Making packages having removable and replaceable lids. 2,549,513, Apr. 17.
Nicolle, Charles, Gentilly, France. Multicellular package. 2,557,794, June 19.
Nicolle, Charles, Gentilly, France. Multicapsule sheet. 2,578,444, Dec. 11.
Nicolle, Charles, Gentilly, France. Packing made of plastic material chiefly for pharmaceutical tubes. 2,578,445, Dec. 11.
Nicolls, Wilfrid E. W.: *See*—
Evans, Fraser M., and Nicolls.
Nicolls, Wilfrid E. W., Pinner, assignor to C. A. V. Limited, London, England. Regulation of liquid fuel injection pumps. 2,556,774, June 12.
Nicolls, Wilfrid E. W., Pinner, assignor to C. A. V. Limited, London, England. Liquid fuel injection nozzle for internal-combustion engines. 2,558,148, June 26.
Nicolls, Wilfrid E. W., Pinner, and D. G. Burton, Woodford Green, assignors to C. A. V. Limited, London, England. Liquid fuel injection nozzles for internal-combustion engines. 2,558,149, June 26.
Nicolls, Wilfrid E. W., Pinner, assignor to C. A. V. Limited, London, England. Hydraulic governor. 2,567,495, Sept. 11.
Nicorvo, Edwin J., South Amboy, N. J. Nonspillable drinking unit. 2,578,201, Dec. 11.
Nidermayer, Victor A., Jr., New York, N. Y. Luggage or package carrier for baby carriages. 2,558,372, June 26.
Nidetch, Nathan, and H. Mandel, assignors to Starrel Company, Inc., Brooklyn, N. Y. Chair for children. 2,544,896, Mar. 13.
Niebuhr, Clayton J., Dearborn, Mich. Barrel maker for toy barrels. 2,549,329, Apr. 17.
Nieburg, Felix, assignor to Aktiebolaget Colorator, Stockholm, Sweden. Spraying device and operation thereof. 2,569,251, Sept. 25.
Niederer, Herbert O.: *See*—
Niederer, Otto C., O., and H. O.
Niederer, Herbert O., O. C., and O., Titusville, N. J. Weight sorting device. 2,579,602, Dec. 25.
Niederer, Otto: *See*—
Niederer, Otto C., O., and H. O.
Niederer, Otto C.: *See*—
Niederer, Herbert O., O. C., and O.
Niederer, Otto C., O., and H. O., Titusville, N. J. Article cleaning mechanism. 2,579,603, Dec. 25.
Niederer, Otto C., O., and H. O., Titusville, N. J. Egg cleaning device. 2,579,604, Dec. 25.
Niederhauser, Jean P.: *See*—
Marschalk, Charles, and Niederhauser.
Niederhauser, Warren D., assignor to Rohm & Haas Company, Philadelphia, Pa. Polycyclic di-epoxy ethers. 2,543,419, Feb. 27.
Niederhauser, Warren D., assignor to Rohm & Haas Company, Philadelphia, Pa. Chlorinated rubber and epoxidized oils. 2,556,145, June 5.
Niederhauser, Warren D., assignor to Rohm & Haas Company, Philadelphia, Pa. Tetracyanoethyl benzoguanamine. 2,577,477, Dec. 4.
Niederkorn, Frank N., Port Washington, Wis. Dust collector. 2,546,558, Mar. 27.
Niederl, J. B., & Associates, Inc., assignee: *See*—
Niederl, Joseph B., and Hart.
Niederl, Joseph B., Hart, and McGreal.
Niederl, Joseph B., Brooklyn, N. Y., and W. F. Hart, Easton, Pa., assignors to J. B. Niederl & Associates, Inc., New York, N. Y. N,N-dialkyl thiamorpholinium alkyl sulfates. 2,541,714, Feb. 13.
Niederl, Joseph B., Brooklyn, N. Y., W. F. Hart, Easton, Pa., and M. E. McGreal, Sommersworth, N. H., assignors to J. B. Niederl & Associates, Inc., New York, N. Y. Unsymmetrical quaternary ammonium alkyl sulfates. 2,569,326, Sept. 25.
Niedermann, Fred, Rockville Centre, assignor to Mastercraft Foundations, Inc., New York, N. Y. Girdle or the like. 2,575,460, Nov. 20.
Niedermayer, Egon: *See*—
List, Hans, and Niedermayer.
Nield, Leslie C.: *See*—
Taylor, Maurice K., and Nield.
Nielsen, A. C., Company, assignee: *See*—
Rahmel, Henry A.
Nielsen, Aage J. J., Horsholm, assignor to Koefoed, Hauberg, Marstrand og Helweg Aktieselskabet Titan, Copenhagen, Denmark. Valve device in centrifugal separators for separating sludge from liquids. 2,551,041, May 1.
Nielsen, Adolph, Oakland, assignor, by mesne assignments, of one-half to C. E. Caird, Santa Rosa, Calif. Hose nozzle. 2,552,444, May 8.
Nielsen, Adolph, Oakland, assignor of one-half to C. E. Caird, Santa Rosa, Calif. Fire hose nozzle. 2,552,445, May 8.
Nielsen, Alfred, Soro, assignor to Universal Oilgas Heating A/S, Copenhagen, Denmark. Regenerative gas combustion furnace for liquid fuels. 2,559,729, July 10.
Nielsen, Christian, assignor to Arden Farms Co., Los Angeles, Calif. Refrigerated milk delivery truck. 2,574,585, Nov. 13.
Nielsen, Frederik, Quincy, Mass. Camber adjusting tool. 2,572,654, Oct. 23.
Nielsen, Harry E., West Dearborn, Mich. Brush and bog plow coulter. 2,551,629, May 8.
Nielsen, John P., Bogalusa, La. All-weather recording board. 2,547,167, Apr. 3.
Nielsen, Joseph N., Washington, D. C. Slide rule. 2,575,288, Nov. 13.
Nielsen, Karl A., Charlottenlund, and C. Larsen, Gentofte, near Copenhagen, Denmark. Electric steering equipment for vessels or aircraft. 2,540,959, Feb. 6.
Nielsen, Knute E., assignee: *See*—
Miller, George D.
Nielsen, Louis A., New York, N. Y. Fish lure. 2,556,702, June 12.
Nielsen, Peter S., Bismarck, N. Dak. Automatic stop device for motion-picture projectors. 2,577,909, Dec. 11.
Nielson, Carl A.: *See*—
Milton, Clare L., Jr., and Nielson.
Nieman, Henry W., Bethlehem, Pa., assignor to Bethlehem Steel Company. Rolling mill. 2,573,353, Oct. 30.
Niemann, Frederick A., assignor to Felt & Tarrant Manufacturing Company, Chicago, Ill. Keyboard interlock for calculating machines. 2,570,068, Oct. 2.
Niemi, Matti, Anchorage, Alaska. Combined fish pew and counter. 2,567,393, Sept. 11.
Niemitz, Gerhard, Bronx, assignor to Kennedy-Van Saun Mfg. & Eng. Corp., New York, N. Y. Belt conveyer structure. 2,539,792, Jan. 30.
Nienaber, Frank, Chicago, M. Henderson, Libertyville, E. L. Ranseen, and C. W. Lytle, assignors to C. W. Lytle, Chicago, Ill. Radio signal reception and tuning. 2,558,454, June 26.
Nier, Alfred O. C., assignor to Regents of the University of Minnesota, Minneapolis, Minn. Filament-plate voltage system. 2,544,716, Mar. 13.
Nier, Alfred O. C., assignor to Regents of the University of Minnesota, Minneapolis, Minn. Mass spectrometer apparatus. 2,544,717, Mar. 13.
Nier, Alfred O. C., assignor to Regents of the University of Minnesota, Minneapolis, Minn. Ion collector for mass spectrometers. 2,544,718, Mar. 13.
Nier, Alfred O. C., Minneapolis, Minn., assignor to United States of America as represented by the United States Atomic Energy Commission. Gas analyzer. 2,573,649, Oct. 30.
Nier, Alfred O. C., and M. G. Inghram, New York, N. Y., assignors to the United States of America as represented by the United States Atomic Energy Commission. Mass spectrometer. 2,551,544, May 1.
Nier, Mildred A., assignee: *See*—
Byram, Harry A.
Nieratka, Steave S., Detroit, Mich. Combination lock. 2,540,172, Feb. 6.
Niermeyer, Karel A., Leeuwarden, Netherlands. Magazine stove having internal air-heating chamber means. 2,546,675, Mar. 27.
Niersbach, Percival M.: *See*—
Phillipson, Alice M., Niersbach, and Thompson.
Niethamer, Julius, Whitestone, N. Y. Grinding disk or pulverizer. 2,572,373, Oct. 23.
Nieuwdorp, Hendrik: *See*—
Casimir, Hendrik B. G., and Nieuwdorp.
Nighbert, Dennis W.: *See*—
Schneider, Paul L., Nighbert, and Cromwell.
Nightingale, Clarence J., Newington, Conn. Control device for paint brushes. 2,558,191, June 26.
Nightingale, Roscoe I., Phoenix, Ariz. Collapsible gate. 2,542,156, Feb. 20.
Nihon, Alexis, Montreal, Quebec, Canada. Window ventilator. 2,577,623, Dec. 4.
Nijboer, Lambert W., Amsterdam, Netherlands, assignor to Shell Development Company, San Francisco, Calif. Filtration through loose filter material. 2,546,650, Mar. 27.
Nikawitz, Edward J.: *See*—
Gump, William S., and Nikawitz.
Nikawitz, Edward J., Passaic, N. J., assignor to Burton T. Bush, Inc., New York, N. Y. Preparing n-alkyl substituted n,n-beta,beta-dialkanolamines. 2,541,088, Feb. 13.
Nikawitz, Edward J., Passaic, N. J., assignor to Burton T. Bush, Inc., New York, N. Y. Preparing n-alkyl substituted n-beta alkanolamines. 2,541,089, Feb. 13.
Nikitin, Alexander A., College Park, Ga., assignor to Tennessee Copper Company, New York, N. Y. Copper fungicidal compositions safened with zinc sulfite. 2,540,209, Feb. 6.
Nikitin, Alexander A., College Park, Ga., assignor to Tennessee Copper Company, New York, N. Y. Arsenical insecticide safened with zinc sulfite. 2,540,210, Feb. 6.
Nikles, Paul, assignor to Ing. A. Maurer S. A., Berne, Switzerland. Thread guide driving arrangement for artificial silk spinning machines. 2,539,267, Jan. 23.
Nilan, Charles P.: *See*—
Jacoby, Harold E., and Nilan.
Niles-Bement-Pond Company, assignee: *See*—
Barr, John M.
Drake, Alden M.
Fox, Raymond S., and Larson.
Gilbert, Stanley W.
Holmes, Trent H.
Hunt, Scott F.
Lee, Leighton H.
Lipfert, Donald E.
Potter, William W., and Fuller.
Ross, Walter F.
Schofield, William F.
Siebenthaler, David H.
Soule, Harold B., and Smithson.
Steczynski, Myron E.
Stresen-Reuter, John H.

Niles, George E., Winchester, Mass., assignor to Monsanto Chemical Company, St. Louis, Mo. Mineral-coated paper and producing same. 2,577,624, Dec. 4.
Niles, Irving F., Shaker Heights, assignor to Harris-Seybold Company, Cleveland, Ohio. Pile feeder. 2,549,630, Apr. 17.
Niles, John B., Los Angeles, Calif. Support for clothes-lines. 2,576,805, Nov. 27.
Niles, Michael L., assignor to Van Horne Kaestner Leather Co., Milwaukee, Wis. Apparatus for producing arch supports. 2,558,690, June 26.
Niles, Raymond W.: *See*—
Newton, Douglas R., and Niles.
Nill, Richard G., and F. J. Patterson, assignors to Fort Wayne Tool, Die and Engineering Company, Fort Wayne, Ind. Laminated die. 2,547,168, Apr. 3.
Nilles, Leonard J., Chicago, Ill. Reverse stitch attachment for sewing machines. 2,557,992, June 26.
Nilsen, Peter J., Oak Park, Ill. Dispenser for pressurized whipped cream. 2,580,188, Dec. 25.
Nilson, Arthur N., assignor to Teletype Corporation, Chicago, Ill. Latch operated clutch. 2,566,031, Aug. 28.
Nilson, Arthur N., R. A. Thienemann, Chicago, and W. J. Zenner, Des Plaines, assignors to Teletype Corporation, Chicago, Ill. Latch operated clutch. 2,568,249, Sept. 18.
Nilson, Clifton N., assignor to Cheney Bigelow Wire Works, Springfield, Mass. Apparatus for controlling freeness of papermaking stock. 2,577,712, Dec. 4.
Nilson, Harold, Wayzata, assignor of 60 per cent to E. Lincoln, Minneapolis, Minn. Hydraulic jack. 2,556,481, June 12.
Nilson, James H., Wilmette, and V. C. Westberg, assignors to Sun Electric Corporation, Chicago, Ill. Magnetic rotor operated switch. 2,560,814, July 17.
Nilsson, Ernest F.: *See*—
Nelson, Leonard, and Nilsson.
Nilsson Gage Company, Inc., assignee: *See*—
Nilsson, John C.
Nilsson, John C., Hyde Park, assignor to Nilsson Gage Company, Inc., Poughkeepsie, N. Y. Adjustable comparator. 2,568,558, Sept. 18.
Nimkoff, Pauline K., Brooklyn, N. Y. Extensible roller screen and housing therefor. 2,579,850, Dec. 25.
Nims, Albert A., Jr.: *See*—
Ley, Gordon S., Miller, and Nims.
Nims, Albert A., Jr., Baltimore, Md., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Pulse counter circuit. 2,571,929, Oct. 16.
Nims, Paul T., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Electrical ignition device. 2,546,108, Mar. 20.
Nims, Paul T., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Power transmission. 2,571,284, Oct. 16.
Nims, Paul T., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Fuel feeding system for internal-combustion engines. 2,578,147, Dec. 11.
Nimskov, Erik B.: *See*—
Møller, Bent.
Nimz, William A., Grosse Pointe Woods, assignor to Colonial Broach Company, Warren Township, Mich. Broaching tool. 2,538,844, Jan. 23.
Nina, Anthony A., Philadelphia, Pa., assignor, by mesne assignments, to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Self-balancing potentiometer circuit having illuminated indicating dial. 2,545,373, Mar. 13.
Nineteen Hundred Corporation, assignee: *See*—
Geldhof, Peter E.
Geldhof, Peter E., and Morgenstern.
Geldhof, Peter E., and Ringer.
Geldhof, Peter E., Ringer, and Morrison.
Johnson, David A.
Morgenstern, Charles E.
Morrison, Harold E.
Niper, Jacob H., Hackettstown, N. J. Roll gauge for gauging external screw threads. 2,566,356, Sept. 4.
Nippert, Paul W., Columbus, Ohio. Apparatus for forming commutator rings. 2,557,308, June 19.
Nips, Inc., assignee: *See*
Bishop, Harold R.
Nirdlinger, Patrick A., Chicago, Ill. Reflecting mat for display windows. 2,547,342, Apr. 3.
Nisbet, Alexander G., Rye, N. Y. Tobacco pipe. 2,572,048, Oct. 23.
Nisbet, James D., Schenectady, N. Y., assignor to General Electric Company. Preparation of alloys. 2,564,498, Aug. 14.
Nisbet, Thomas D., Rocky River, Ohio. Fluid transfer pump. 2,558,312, June 26.
Niskala, George E.: *See*
Niskala, Wilho V. and G. E.
Niskala, Wilho V., Minneapolis, Minn., and G. E. Niskala, Tooele, Utah. Chicken feeding trough. 2,545,105, Mar. 13.
Nisle, Harry, Sr., Chicago, Ill. Fishing alarm. 2,556,628, June 12.
Nissen, John P., Jr., Wyncote, Pa. Multiple layer collapsible tube. 2,539,154, Jan. 23.
Nissen, Warren I., assignor to Ronson Art Metal Works, Inc., Newark, N. J. Pocket atomizer. 2,539,155, Jan. 23.
Nissen, Warren I., assignor to Ronson Art Metal Works, Inc., Newark, N. J. Lighter actuating mechanism. 2,556,735, June 12.
Nissenbaum, Moses D., Brooklyn, assignor of one-third to W. M. Wybrants, New York, one-third to W. Wybrants, and one-third to A. Wybrants, Bronxville, N. Y. Portable head steamer. 2,566,531, Sept. 4.
Nissinen, Toimi A., Dobbs Ferry, N. Y. Gas burner, including primary and secondary air preheater. 2,556,482, June 12.
Niswander, Lyle D.: *See*—
Embree, Leland F., and Niswander.
Niswander, Willis E., La Verne, Calif. Holder for checks, record slips, and the like. 2,574,885, Nov. 13.
Nitardy, Carl, New York, N. Y., assignor to Sylvania Electric Products Inc., Salem, Mass. Fluorescent lighting fixture. 2,555,000, May 29.
Nitchie, Charles D., Haddonfield, assignor to Samuel M. Langston Co., Camden, N. J. Box blank taping machine. 2,575,887, Nov. 20.
Nitenson, Edward, San Luis Obispo, Calif. Plateholder for cameras. 2,546,905, Mar. 27.
Nitkey, Loren W., Dudley, Idaho. Cable winch. 2,567,526, Sept. 11.
Nivison, Wade S., New York, and E. O. Wangerin, assignors to Eastman Kodak Company, Rochester, N. Y. Projection viewing apparatus. 2,548,554, Apr. 10.
Nix, John P., Normandy, Mo., assignor to Curtiss-Wright Corporation. Gust lock. 2,570,586, Oct. 9.
Nix, Marvin, Muroc, Calif. Fishing reel. 2,546,559, Mar. 27.
Nixon, Harley E., assignor to Vickers Incorporated, Detroit, Mich. Compound fluid motor unit. 2,562,363, July 31.
Nixon, Harold G., Youngstown, Ohio. Trailer floor construction. 2,541,274, Feb. 13.
Nixon, Ivor G., The Hague, Netherlands, assignor to Shell Development Company, San Francisco, Calif. Production of alkyl aromatic sulfonic acids and their salts. 2,567,854, Sept. 11.
Nixon, Jeddy D., New Braunfels, assignor to Wilson Foundry & Machine Company, Houston, Tex. Tubing anchor. 2,546,950, Mar. 27.
Nixon, Lawrence J., Pittsburgh, Pa. Ingot holder. 2,575,829, Nov. 20.
Nixon Nitration Works, assignee: *See*—
Orsini, Camillo D.
Nixon, Stanhope, Nixon, N. J. Apparatus for and method of fabricating sheets of plastic compositions. 2,545,300, Mar. 13.
Noad, Reginald W.: *See*—
Davies, Raymond G., and Noad.
Noakes, Thomas E.: *See*—
Dillman, Earnest J., and Noakes.
Noble Company, assignee: *See*—
Noble, Jack D.
Noble, Daniel E., Elmhurst, Ill., assignor to Motorola, Inc. Oscillator. 2,539,268, Jan. 23.
Noble, Daniel E., Elmhurst, assignor to Motorola, Inc., Chicago, Ill. Selective calling system. 2,547,024, Apr. 3.
Noble, Daniel E., Elmhurst, assignor to Motorola, Inc., Chicago, Ill. Frequency selective calling system. 2,547,025, Apr. 3.
Noble, Don E., Chicago, Ill. Accordion. 2,546,076, Mar. 20.
Noble Drilling Corp., assignee: *See*—
Kemnitz, George E.
Stewart, Leonard E., and Winters.
Noble, Frank W., and D. C. Baker, assignors to The Robinson Waxed Paper Company, Limited, Bristol, England. Wrapping machine. 2,555,758, June 5.
Noble, Jack D., assignor to Noble Company, Oakland, Calif. Aggregate batcher by weight. 2,549,704, Apr. 17.
Noble, James H., R. L. Pottberg, and U. C. Tainton, deceased, Baltimore, Md.; R. Pottberg, administrator of said U. C. Tainton, assignors to Freeport Sulphur Company, New York, N. Y. Metal surface cleaning. 2,538,702, Jan. 16.
Noble, Wiley B., assignor to Reed Roller Bit Company, Houston, Tex. Drill bit. 2,571,930, Oct. 16.
Noble & Wood Machine Co., assignee: *See*—
Dodge, George W.
Noble & Wood Machine Company, The, assignee: *See*
Pine, Perry S.
Nock, Berta N., Shaker Heights, Ohio. Device for marking patterns on cloth. 2,541,435, Feb. 13.
Nock, Harry, assignee: *See*
Martin, Otis C.
Nockunas, John J., St. Louis, Mo. Soldering bit. 2,558,192, June 26.
Noddin, George A.: *See*
Hammar, Gustaf W., Noddin, Rosen, and Trelease.
Noe, Alfons: *See*—
Wallerstein, Leo, Pfannmuller, and Noe.
Noe, Frank, Plainville, assignor to The Fafnir Bearing Company, New Britain, Conn. Roller bearing. 2,556,551, June 12.
Noe, Frank, Plainville, assignor to The Fafnir Bearing Company, New Britain, Conn. Journal box. 2,560,183, July 10.
Noe, Frank, Plainville, assignor to The Fafnir Bearing Company, New Britain, Conn. Journal bearing. 2,573,159, Oct. 30.

Noe, Harold C., Upper ....., assignor to Kidde Manufacturing Co., Inc., Bloomfield, N. J. Needle-bar assembly for warp knitting machines. 2,562,939, Aug. 7.
Noe, Harold C., Upper Montclair, assignor to Joseph Dixon Crucible Company, Jersey City, N. J. Machine for winding a sheath around a core. 2,574,154, Nov. 6.
Noe, Myron E., Milton, Mass., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Compressor unloading valve. 2,579,439, Dec. 18.
Noel, Edward B., Cleveland Heights, and E. C. Martt, Cleveland, Ohio, assignors to General Electric Company. Electrode structure. 2,542,348, Feb. 20.
Noel, Edward B., Cleveland Heights, Ohio, assignor to General Electric Company. Photographic light unit. 2,549,330, Apr. 17.
Noel, Edward B., Cleveland Heights, Ohio, assignor to General Electric Company. Electric discharge device. 2,568,459, Sept. 18.
Noelcke, Carl L., Sr., Cincinnati, Ohio. Multiple poultry feeder. 2,578,369, Dec. 11.
Noelle, Conrad J., assignor to American Optical Company, Southbridge, Mass. Device for aiding in performing eye surgery. 2,570,149, Oct. 2.
Noether, Herman D., Kew Gardens, N. Y., and E. P. Irany, Cranford, N. J., assignors to Celanese Corporation of America. Copolymers of sulfur dioxide and styrene. 2,572,185, Oct. 23.
Noffsinger, Fred P., Greeley, Colo. Lubricating means for conical rollers. 2,558,313, June 26.
Nofzinger, Earl E., assignor to Gibson Refrigerator Company, Greenville, Mich. Soldering machine. 2,573,594, Oct. 30.
Noggle, Wm. H., & Sons, Inc., assignee: *See*—
Martin, Walter B.
Nogle, David A., Spokane, Wash. Dummy calf. 2,560,657, July 17.
Nogle, James E., Jacksonville Beach, Fla. Portable gun rack. 2,577,713, Dec. 4.
Noguera, Joseph, Prestwich, Manchester, assignor to Casablancas High Draft Company Limited, Manchester, England. Drafting mechanism for textile fibers. 2,536,884, Jan. 2.
Noguera, Joseph, assignor to Casablancas High Draft Company Limited, Manchester, England. Spinning and preparatory machine. 2,543,374, Feb. 27.
Noguera, Joseph, assignor to Casablancas High Draft Company Limited, Manchester, England. Roller gearing for drafting mechanisms for textile fibers. 2,544,468, Mar. 6.
Noguera, Joseph, assignor to Casablancas High Draft Company Limited, Manchester, England. Drafting mechanism in spinning or like machines. 2,548,232, Apr. 10.
Nohl, Edwin J., assignor of fifty per cent to J. E. Erickson, Hancock, Minn. Special purpose ear corn rake. 2,574,932, Nov. 13.
Noir, René, Levallois-Perret, France. Corrosion inhibiting electric cable connection. 2,551,895, May 8.
Nolan, Duncan, assignor of one-half to N. S. Hare, Birmingham, Ala. Coil spring clamp and releasable retainer therefor. 2,562,677, July 31.
Nolan, Patrick R., Oklahoma City, Okla. Starter button for motor vehicles. 2,557,887, June 19.
Nolan, William J., assignor to The Goss Printing Press Company, Chicago, Ill. Cutting mechanism. 2,538,425, Jan. 16.
Nold, Elton L., Detroit, Mich. Child's adjustable seat. 2,569,729, Oct. 2.
Nolde, George V., Berkeley, Calif., assignor to Marchant Calculating Machine Company. Multiplying machine. 2,557,457, June 19.
Nolde, George V., Berkeley, Calif., assignor to Marchant Calculating Machine Company. Value indexing mechanism. 2,567,120, Sept. 4.
Nolde, George V., Berkeley, Calif. Pressure controller. 2,568,086, Sept. 18.
Nolde, George V., Berkeley, Calif. Control mechanism for compasses and calipers. 2,568,559, Sept. 18.
Noll, Charles A., assignor of one-half to R. M. Hibbs, Philadelphia, Pa. Embalming material. 2,555,504, June 5.
Noll, Joe B.: *See*—
Grangroth, Harry B., Leach, and Noll.
Noll, Paul E., Pasadena, and T. D. Aller, San Gabriel, assignors to Consolidated Western Steel Corporation, Los Angeles, Calif. Hydraulic pumping unit. 2,572,748, Oct. 23.
Noll, Vincent R.: *See*—
Kahr, Martin, and Noll.
Noll, Vincent R., assignor to The Filer & Stowell Co., Milwaukee, Wis. Engine for producing reciprocatory motion having substantially constant velocity except during reversals. 2,574,751, Nov. 13.
Nolley, John P., and G. E. Cannon, Houston, Tex., assignors, by mesne assignments, to Standard Oil Development Company, Elizabeth, N. J. Magnetic junk basket for well bores. 2,556,849, June 12.
Nolte, Henry J., Schenectady, N. Y., assignor to General Electric Company. Fabricating sealed envelopes. 2,568,460, Sept. 18.
Noma Electric Corporation, assignee: *See*—
Lunt, Alden P., Norton, and Anderson.
Nono, Basilio R., Cuyapo, P. I. Perpetual calendar. 2,537,693, Jan. 9.
Noodleman, Samuel, assignor to Standard Dayton Corporation, Dayton, Ohio. Control system for dual voltage induction motors. 2,539,856, Jan. 30.
Noodleman, Samuel, assignor to L. R. Mahrt and D. R. Laughter as trustees for the Standard Dayton Corporation, Dayton, Ohio. Single-phase reversible motor. 2,539,857, Jan. 30.
Noonan, John J., St. Louis, Mo. Merchandising apparatus. 2,545,670, Mar. 20.
Noone, Frank P., and A. C. Mullin, Philadelphia, Pa., said Mullin assignor to said Noone. Automotive equipment. 2,570,587, Oct. 9.
Noordeman, Pieter J., Rotterdam, Netherlands. Hydraulic steering device. 2,572,749, Oct. 23.
Nopco Chemical Company, assignee: *See*—
De Castro, Arthur, and Retzsch.
Gould, David H., and Ruigh.
Kelley, Maurice J.
Levy, Jacob, and Lighthipe.
Levy, Joseph.
McGinn, Earl P.
Price, Donald, and Sprules.
Ruigh, William L., and Gould.
Schaaf, Kurt H.
Wechsler, Ralph, and Levy.
Norando Mines, Limited, assignee: *See*—
Clark, Charles W.
Norberg, Harold, and L. L. Lee, assignors to Plan-O-Mill Corporation, Hazel Park, Mich. Planetary milling machine. 2,553,669, May 22.
Norberg, Jonas G.: *See*—
Landau, Frans, and Norberg.
Norberg, Oscar E., Cincinnati, and J. W. Norrish, Lockland, assignors to Avco Manufacturing Corporation, Cincinnati, Ohio. Refrigerator cabinet construction. 2,562,056, July 24.
Norberg, Oscar E., and A. E. Nave, assignors to Avco Manufacturing Corporation, Cincinnati, Ohio. Refrigerator cabinet having means for regulating air flow and means for collecting drip. 2,562,057, July 24.
Norcross, Gilbert F., West Caldwell, assignor, by mesne assignments, to McGlynn Hays Industries, Inc., Belleville, N. J. Draft roller pressure control mechanism. 2,547,485, Apr. 3.
Nord, Walter G., Oberlin, Ohio. Device for waxing floors. 2,537,784, Jan. 9.
Nordahl, John G.: *See*—
Harley, John B., and Nordahl.
Nordberg Manufacturing Company, assignee: *See*—
Grieshaber, Emil, and Anderson.
Kellogg, Joseph.
Protzeller, Harry W.
Shafter, Ruland R.
Symons, Loren G.
Talboys, Henry H.
Talboys, Henry H., and Erickson.
Norde, Leslie: *See*—
Shapiro, Jack, and Norde.
Nordell, Carl H., Palm Springs, Calif., assignor to Infilco Incorporated. Traction drive for liquid treating apparatus. Re. 23,415, Oct. 9.
Nordell, Carl H., Palm Springs, Calif. Diffuser tube. 2,555,201, May 29.
Nordell, Carl H., Palm Springs, Calif. Shower head. 2,559,894, July 10.
Norden, Carl L., Zurich, Switzerland, and T. H. Barth, New York, assignors, by mesne assignments, to The Norden Laboratories Corporation, White Plains, N. Y. Servomotor. 2,573,593, Oct. 30.
Norden Laboratories Corporation, The, assignee: *See*—
Hofstadter, Robert.
Mead, John A.
Norden, Carl L., and Barth.
Schaefer, Carl F.
Taylor, James E.
Ten Bosch, Maurits, and Lang.
Norden, Jesse, Kew Gardens, N. Y. One-piece paper container. 2,572,655, Oct. 23.
Nordengren, Sven G., Landskrona, Sweden. Filtering apparatus. 2,570,697, Oct. 9.
Nordenson, Willard H., and D. J. Mihal, assignors to Deere Manufacturing Co., Dubuque, Iowa. Bolt retainer and attaching structure for agricultural tractors and implements. 2,568,928, Sept. 25.
Nordenson, Willard H., and W. W. McCaw, assignors to Deere Manufacturing Co., Dubuque, Iowa. Linked connector and making same. 2,579,394, Dec. 18.
Nordhem, Eric N., Chicago, assignor of one-half to H. Lanzl, Highland Park, Ill. Shaving device. 2,544,897, Mar. 13.
Nordin, Holger G. E., Chicago, Ill. Revolving door. 2,537,418, Jan. 9.
Nordin, Holger G. E., Chicago, Ill. Revolving door. 2,539,750, Jan. 30.
Nordin, Nils A., Anchorage, Territory of Alaska. Ice creeper. 2,577,478, Dec. 4.
Nordisk Insulinlaboratorium, assignee: *See*—
Hagedorn, Hans C.
Krayenbühl, Charles H., and Rosenberg.
Nordlie, Alf. M, assignee: *See*—
Larson, Hokan L.
Nordmark, Walter E.: *See*—
Hoven, Alfred C., and Nordmark.

Nordmark, Walter E., assignor to American Seating Company, Grand Rapids, Mich. Chair structure. 2,549,119, Apr. 17.

Nordmark, Walter E., assignor to American Seating Company, Grand Rapids, Mich. Desk structure. 2,554,839, May 29.

Nordon, Peter, Bondi Junction, near Sydney, New South Wales, Australia, assignor to Industrial Metal Protectives, Inc., Wilmington, Del. Coating composition and making. 2,576,307, Nov. 27.

Nordon, Peter, Bondi Junction, near Sydney, New South Wales, Australia, assignor to Industrial Metal Protectives, Inc., Wilmington, Del. Coating composition and making. 2,576,308, Nov. 27.

Nordquist, Ronald E. J.: *See*—
Heinle, Carl W., and Nordquist.
May, William F., and Nordquist.
Odquist, Harold T., and Nordquist.
Preis, Carl G., and Nordquist.

Nordquist, Ronald E. J., Maplewood, N. J., assignor to American Can Company, New York, N. Y. Filling and closing machine with can and cover handling devices. 2,561,404, July 24.

Nordquist, Ronald E. J., Maplewood, N. J., assignor to American Can Company, New York, N. Y. Filling machine with improved valve mechanism. 2,563,863, Aug. 14.

Nordquist, Ronald E. J., Maplewood, N. J., assignor to American Can Company, New York, N. Y. Container. 2,570,266, Oct. 9.

Nordquist, Ronald E. J., Maplewood, N. J., assignor to American Can Company, New York, N. Y. Machine for opening hinged closure members on containers. 2,570,267, Oct. 9.

Nordquist, Ronald E. J., Maplewood, N. J., assignor to American Can Company, New York, N. Y. Filling machine with reciprocating pistons operating within reciprocating measuring chambers. 2,578,732, Dec. 18.

Nordquist, Ronald E. J., Maplewood, and B. A. Baumann, Newark, N. J., assignors to American Can Company, New York, N. Y. Sheet gauging apparatus. 2,547,964, Apr. 10.

Nordquist, Ronald E. J., Maplewood, and F. F. Borkmann, Union, N. J., assignors to American Can Company, New York, N. Y. Discharge conveyer mechanism for articles. 2,558,774, July 3.

Nordquist, Ronald E. J., Maplewood, and W. F. Grupe, Lyndhurst, N. J., assignors to American Can Company, New York, N. Y. Machine for printing on containers. 2,567,232, Sept. 11.

Nordquist, Ronald E. J., Maplewood, and F. Huntar, Livingston, N. J., assignors to American Can Company, New York, N. Y. Conveyer mechanism with supporting sprockets. 2,570,264, Oct. 9.

Nordquist, Ronald E. J., Maplewood, and J. Foris, Elizabeth, N. J., assignors to American Can Company, New York, N. Y. Article timing and indexing mechanism. 2,570,265, Oct. 9.

Nordquist, Ronald E. J., Maplewood, N. J., and H. F. Cox, Jr., assignors to American Can Company, New York, N. Y. Container end assembling machine. 2,578,731, Dec. 18.

Nordquist, Ronald E. J., Maplewood, N. J., and J. E. Socke, Pelham Manor, assignors to American Can Company, New York, N. Y. Article conveying machine. 2,578,733, Dec. 18.

Nordqvist, Olle G.: *See*—
Collgert, Sven A., and Nordqvist.

Nordsieck, Arnold T., New York, N. Y., assignor to the United States of America as represented by the Secretary of War. Traveling detector for waves propagated through a wave guide. 2,571,055, Oct. 9.

Nordstrom, Hjalmar T., Dearborn, Mich. Illuminated artificial flower vase. 2,559,313, July 3.

Nordt, Paul W., Jr., Caldwell, N. J. Flexible coupling. 2,556,293, June 12.

Noregaard, Maurice J., assignee: *See*—
Cooley, Hal.

Norelius, Emil F., Springfield, Ill., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Shaft seal. 2,568,897, Sept. 25.

Norelius, Russell G., Huntington Park, assignor to Lane-Wells Company, Los Angeles, Calif. Alternating-current electrologging. 2,569,867, Oct. 2.

Norén, Helge, Edsviken, near Stockholm, assignor to Industriaktiebolaget Luxor, Motala, Sweden. Control mechanism for phonographs. 2,566,462, Sept. 4.

Norgard, Ross S., Portland, Oreg. Limb cutter. 2,563,264, Aug. 7.

Norgren, C. A., Co., assignee: *See*—
Norgren, Carl A.

Norgren, Carl A., Denver, Colo. Air line lubricator. 2,538,031, Jan. 16.

Norgren, Carl A., assignor to C. A. Norgren Co., Denver, Colo. Lubricator with secondary air circuit. 2,564,309, Aug. 14.

Norland, Ernest, assignee: *See*—
Samel, Ruth, and Wotzilka.

Norlander, Helge G., Stockholm, Sweden. Toolholder. 2,559,895, July 10.

Norling, Göte R. Sundbyberg, near Stockhold, Sweden. Diamond-set tool. 2,561,709, July 24.

Norlund, O. A., Company Inc., assignee: *See*—
Fisher, Charles B.
Fisher, Gertrude F.

Norman, August O., West Nyack, N. Y. Fire door. 2,573,160, Oct. 30.

Norman, Edward A., Jr., assignor to Norman Products Company, Columbus, Ohio. Flame retention head for gas burners. 2,537,542, Jan. 9.

Norman, Edward A., Jr., assignor to Norman Products Company, Columbus, Ohio. Gas-fired forced air heater. 2,540,280, Feb. 6.

Norman, Edward A., Jr., assignor to Norman Products Company, Columbus, Ohio. Gas-fired conversion burner. 2,560,184, July 10.

Norman, Hollis W., and J. N. Rollings, Baltimore, Md., assignors to Western Electric Company, Incorporated, New York, N. Y. Wire stripping tool. 2,561,218, July 17.

Norman, Horace M., Skokie, assignor to Stewart-Warner Corporation, Chicago, Ill. Magnetic clutch. 2,536,207, Jan. 2.

Norman, Horace M., Skokie, assignor to Stewart-Warner Corporation, Chicago, Ill. Wheel balancer pickup unit. 2,548,809, Apr. 10.

Norman Products Company, assignee: *See*—
Norman, Edward A., Jr.

Norman, Telfer E., Denver, Colo. Metal casting. 2,546,517, Mar. 27.

Norman, Wayne A.: *See*—
Adams, Paul L., Norman, and Sitterly.

Norman, William A., Chicago, Ill. Roll paddle. 2,553,327, May 15.

Normand, Wilfred T., and W. J. Cramer, Jr., Cumberland, Md., assignor to Celanese Corporation of America. Dyeing spun cellulose derivative staple fibers in alcoholic solutions and then skying. 2,552,807, May 15.

Normandin, Alfred H., Brockton, Mass. Coaster. 2,563,358, Aug. 7.

Normandin, Camille, Montreal, Quebec, Canada. Lid or cover holder. 2,541,604, Feb. 13.

Normington, James B., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Laminated shoe upper. 2,549,985, Apr. 24.

Norquist, Glenn H., Jamestown, N. Y. Metal counter top construction. 2,539,461, Jan. 30.

Norquist, Glenn H., Jamestown, N. Y. Metal counter top construction. 2,539,462, Jan. 30.

Norquist, Glenn H., Jamestown, N. Y. Counter top construction. 2,539,463, Jan. 30.

Norquist, Glenn H., Jamestown, N. Y. Metal sink construction. 2,539,464, Jan. 30.

Norquist, Glenn H., Jamestown, N. Y. Rotary cutter for grooving laminated plywood. 2,549,631, Apr. 17.

Norquist, Glenn H., Jamestown, N. Y. Punching and forming mechanism. 2,579,753, Dec. 25.

Norrid, James H., Detroit, Mich. Brick siding corner construction. 2,537,154, Jan. 9.

Norris, Edward O., Westport, Conn. Spraying device. 2,545,486, Mar. 20.

Norris, Edward O., Westport, Conn. Spraying device. 2,545,487, Mar. 20.

Norris, Edward O., Westport, Conn. Spraying device. 2,545,488, Mar. 20.

Norris, Edward O., Westport, Conn. Spraying device. 2,545,489, Mar. 20.

Norris, Edward O., Westport, Conn. Spraying device. 2,545,490, Mar. 20.

Norris, Edward O., Westport, Conn. Spraying device. 2,550,714, May 1.

Norris, Edward O., Westport, Conn. Rotary spray device with speed changing drive. 2,563,657, Aug. 7.

Norris, Forrest H., Springfield, Mass., assignor to Monsanto Chemical Company, St. Louis, Mo. Preparing stable polystyrene emulsions. 2,545,702, Mar. 20.

Norris, Forrest H., Springfield, Mass., assignor to Monsanto Chemical Company, St. Louis, Mo. Preparing polystyrene dispersions. 2,548,318, Apr. 10.

Norris, George G., River Rouge, Mich. Fish lure. 2,559,042, July 3.

Norris, Harold H., executor: *See*—
Horstmann, Frederick G.

Norris, Henry D.: *See*—
Trigg, Hastings S., Norris, and White.
White, Ralph V., Norris, and Landis.

Norris, Henry D., Woodbury, N. J., assignor to Socony-Vacuum Oil Company, Incorporated. Thenyl xanthates and trithiocarbonates. 2,552,055, May 8.

Norris, Incorporated, assignee: *See*—
Henderson, Raymond L., and Finley.

Norris, Neil S., Valley Center, Calif. Apparatus for welding thermoplastic bodies. 2,546,164, Mar. 27.

Norris, Paul A.: *See*—
Sampson, Frederick W., and Norris.

Norris, Paul A., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Reinforced plastic article. 2,558,662, June 26.

Norris, Raymond C., and C. A. Price, assignors to H. E. Galentin, Dallas, Tex. Retriever for submerged articles. 2,539,548, Jan. 30.

Norris, Richard O., Chicago, Ill., assignor to Sinclair Refining Company, New York, N. Y. Methoxy-ethyl esters of imido acids. 2,569,425, Sept. 25.
Norrish, John W.: *See*—
Norberg, Oscar E., and Norrish.
Norrman, Ernst, Williams Bay, Wis. Frequency divider. 2,568,510, Sept. 18.
Norsk Stalull A/S, assignee: *See*—
Hagen, Leif R.
Norsk Sulfo Aktieselskap, assignee: *See*—
Neesby, Torben E.
North American Aviation, Inc., assignee: *See*—
Anderson, John P.
Broadston, James A.
Bussiere, George, and Holton.
Fox, Lawrence H. E.
Gagnier, Charles E., and Maxian.
Hochwald, Walter.
Oberholtzer, John M.
Payne, Fred A., Jr.
Peterson, Paul F.
Seid, Eugene, and Kilpatrick.
Sorensen, Victor W.
Svendsen, Norman F.
Warner, De Ver K., Martin, and Bellows.
Werner, Edward.
North American Geophysical Company, assignee: *See*—
Cloud, Raymond T.
North American Paper Process Company, Inc., assignee: *See*—
Hurley, Albert B.
North American Rayon Corporation, assignee: *See*—
Bley, Rudolph S.
Carter, Ralph H., and Kingsbury.
Kingsbury, Chadwick B.
North American Research Corporation, assignee: *See*—
Carnes, Herbert W.
Carnes, Herbert W., and Thomas.
Hammann, Carl F.
North Brothers Manufacturing Company, assignee: *See*—
Welz, Albert.
North Carolina Magnesium Development Corporation, assignee: *See*—
Hansgirg, Fritz J.
North, Charles E., Montclair, N. J. Treating milk oil. 2,540,830, Feb. 6.
North, Charles E., Montclair, N. J. Clarifying butterfat. 2,550,288, Apr. 24.
North, Charles E., Montclair, N. J. Continuous apparatus for making butter. 2,564,715, Aug. 21.
North, Edwin W., assignor to National Lock Company, Rockford, Ill. Catch. 2,550,852, May 1.
North Electric Manufacturing Company, The, assignee: *See*—
Campbell, Robert T.
McBerty, Frank R.
McBerty, Robert K.
McBerty, Robert K., and Baker.
North, James E.: *See*—
Reeves, Herbert M., Hillebrand, and North.
North, John R.: *See*—
Beaman, Phineas A., and North.
North & Judd Manufacturing Company, The, assignee: *See*—
Brown, Alexander M.
Carlile, Alfred E.
North, Mill H., Charleston, Utah. Ratchet head for threaded bolts. 2,538,468, Jan. 16.
North, Mortimer S., Baltimore, Md., assignor to The United States Printing and Lithograph Co., Norwood, Ohio. Preindexing apparatus for stop bars of paper-cutting machines. 2,539,373, Jan. 23.
North Pacific Frozen Products Co., assignee: *See*—
Claghorn, James L.
North, Robert G., Dalton, Mass. Garment rack for automobiles. 2,536,765, Jan. 2.
North, Thomas C., assignor to Universal Fittings & Scaffolding Company, Zelienople, Pa. Sidewalk bridge scaffold. 2,546,676, Mar. 27.
North, Thomas C., assignor to Universal Manufacturing Corp., Zelienople, Pa. Tie section for connecting adjacent ladder scaffolds. 2,574,409, Nov. 6.
North, Thomas C., assignor to Universal Fittings & Scaffolding Company, Zelienople, Pa. Adjustable scaffold base. 2,575,461, Nov. 20.
Northcott, Roy P.: *See*—
Porter, Frederick W. B., and Northcott.
Northcutt Research Corporation, assignee: *See*—
Northcutt, Robert T. and R. T., Jr.
Northcutt, Robert T., Westfield, and R. T. Northcutt, Jr., Fanwood, N. J., assignors to Northcutt Research Corporation, New York, N. Y. Treatment of sugar. 2,558,775, July 3.
Northcutt, Robert T., Jr.: *See*—
Northcutt, Robert T. and R. T., Jr.
Northcutt, Walter E., Chebanse, assignor to Manco Mfg. Co., Bradley, Ill. Hydraulic cutting tool. 2,578,582, Dec. 11.
Northern Electric Company, Limited, assignee: *See*—
Makepeace, Ronald A.
Northern Engraving & Manufacturing Co., assignee: *See*—
Breitzke, Adrian P.
Northern Indiana Brass Company, assignee: *See*—
Arbogast, Alfred C.
Northern Marine Corporation, assignee: *See*—
York, William S.
Northern Pump Company, The, assignee: *See*—
Kane, Garold A.
Northern Refrigerator Line, Incorporated, assignee: *See*—
Keleher, William H.
Northrop Aircraft, Inc., assignee: *See*—
Ashkenas, Irving L.
Ashkenas, Irving L., and Feeney.
Baker, Bill P., and Lyons.
Chapman, Joseph D., and Stevenson.
Clifton, John R., and Parker.
Fishbein, Meyer, and Nagy.
Fishbein, Meyer, Nagy, and Threewit.
Fishbein, Meyer, and Stevenson.
Grill, Raymond E., and White.
Hagen, Glenn E.
Johnson, Orvin S., and Roberts.
Klose, Alfred J.
Mason, Hubert L.
Mathes, Frank D., Jr., and Cerny.
Michael, Harold E.
Motis, Gilbert M.
Northrop, John K.
Oates, Charles E.
Parker, Stanley R.
Sears, William R.
Stoughton, Ivan R.
Taylor, Philip H.
Williamson, Loyal A., Jr., and Byrne.
Young, Edgar W.
Northrop, John K., Los Angeles, assignor to Northrop Aircraft, Inc., Hawthorne, Calif. Artificial arm hook. 2,537,368, Jan. 9.
Northrop, John K., Los Angeles, assignor to Northrop Aircraft, Inc., Hawthorne, Calif. High lift flap. 2,568,021, Sept. 18.
Northrup, John K., Los Angeles, assignor to Northrop Aircraft, Inc., Hawthorne, Calif. Stabilization of airplanes having highly swept-back wings. 2,559,827, July 10.
Northwest Airlines, Inc., assignee: *See*—
Olsen, Albert F.
Northwestern Steel and Wire Company, assignee: *See*—
Davis, Ronald F.
Norton, Calhoun, and P. O. Hooker, assignors to Arens Controls, Inc., Chicago, Ill. Releasable manual control. 2,559,197, July 3.
Norton, Charles L., Jr.: *See*—
Christie, Leonard D., Jr., and Norton.
Norton, Charles L., Jr., New York, N. Y., assignor to The Babcock & Wilcox Company, Rockleigh, N. J. Fluid heating. 2,571,749, Oct. 16.
Norton, Charles W., West Orange, assignor to Ralph C. Coxhead Corporation, Newark, N. J. Typewriter carriage position indicator. 2,547,088, Apr. 3.
Norton, Charles W., West Orange, N. J., and J. H. Ritz, Huntington, assignors to Ralph C. Coxhead Corporation, New York, N. Y. Shiftable type organization for typewriting machines. 2,543,124, Feb. 27.
Norton, Charles W., West Orange, N. J., and J. H. Ritz, Huntington, assignors to Ralph C. Coxhead Corporation, New York, N. Y. Symbol typing and tape feeding mechanism for typewriting machines. 2,565,985, Aug. 28.
Norton, Clyde J., Braintree, assignor to Sylvania Electric Products Inc., Salem, Mass. Signal amplitude limiting circuit. 2,550,715, May 1.
Norton Company, assignee: *See*—
Alvord, Charles C.
Amidon, Charles H., and Peterson.
Ballard, Archibald H.
Belden, Albert G.
Bridgman, Percy W., Ridgway, and van der Pyl.
Bura, Walter M.
Coes, Loring, Jr.
Fetterley, Guy H.
Green, Clarence J.
Holter, Norman F., and Beth.
Hook, Russell P.
Jeppson, George N.
Kistler, Samuel S.
Mader, Stewart S.
Milligan, Lowell H.
Milligan, Lowell H., and Lombard.
Moule, Rex E.
Silven, Herbert A.
Upper, John A.
Silven, Herbert A.
Norton, Fred L. W.: *See*—
Van der Pyl, Edward.
Watson, George R.
Wentz, Edward C., and Norton.
Norton, Douglas G.: *See*—
Smith, Curtis W., and Norton.
Whetstone, Richard R., Smith, and Norton.
Norton, Leland D.: *See*—
Curtis, Roger C., and Norton.
Norton, Lowell E., Princeton, N. J., assignor to Radio Corporation of America. Generation of microwave oscillations of stable frequency at high-power levels. 2,555,150, May 29.

Norton, Lowell E., Princeton Junction, N. J., assignor to Radio Corporation of America. Method of and systems for stabilizing microwave oscillations. 2,559,730, July 10.

Norton, Lowell E., Princeton, N. J., assignor to Radio Corporation of America. Frequency-stabilization of oscillators. 2,560,365, July 10.

Norton, Lowell E., Princeton Junction, N. J., assignor to Radio Corporation of America. Method of and system for modulating microwave energy. 2,577,146, Dec. 4.

Norton, Orlo Clair, Erie, Pa. Regulating temperature and pressure operated valves. 2,547,882, Apr. 3.

Norton, Ralph S., Brooklyn, N. Y., assignor to General Precision Laboratory Incorporated. Variable capacity integrator. 2,551,964, May 8.

Norton, Raymond P., Algona, Iowa. Machine for refacing pipe fittings. 2,552,998, May 15.

Norton, Theodore R.: *See*—
Lunt, Alden P., Norton, and Anderson.

Nor Velle, Robert L., Las Vegas, Nev., assignor to Dime-A-Wake, Inc. Check-controlled clock alarm. 2,579,009, Dec. 18.

Norwalk Clamp Corporation, The, assignee: *See*—
Bouton, Hiram M.

Norway, Harold L., Evanston, assignor to The Bastian-Blessing Company, Chicago, Ill. Liquid level gauge. 2,546,832, Mar. 27.

Norway, Harold L., Evanston, Ill., assignor to The Bastian-Blessing Co. Gas dispensing device. 2,564,226, Aug. 14.

Norwich University, assignee: *See*—
Howes, Douglas E., and Smith.

No-Sag Spring Company, assignee: *See*—
Hopkes, Henry, Jr.
Winters, Thomas F.

Nostrand, William G.: *See*—
Winslow, Charles A., Nostrand, and Moore.

Notarbartolo, Luigi: *See*—
Sciacca, Franco, and Notarbartolo.

Notestein, Edison L., Sarasota, Fla. Post driving apparatus. 2,551,896, May 8.

Notestein, Edison L., Wayne, Mich. Post driving apparatus. 2,551,897, May 8.

Nottingham, James A.: *See*—
Bergey, Stanley L., and Nottingham.

Nottingham, Mark C., Arcadia, Calif. Connecting a disposal and a sewer line. 2,537,232, Jan. 9.

Nottingham, Ralph B., Cleveland, Ohio, assignor to G. T. L. Staar. Reader for the blind. 2,549,632, Apr. 17.

Nottingham, Ralph K., Portland, Oreg., assignor to Phillips Tutch-Latch Company. Latch. 2,544,611, Mar. 6.

Nottingham, Ralph K., Portland, Oreg., assignor, by mesne assignments, to Phillips Tutch Latch Co., New York, N. Y. Latching device. 2,548,046, Apr. 10.

Nottingham, Ralph K., Portland, Oreg., assignor to Phillips Tutch Latch Co., New York, N. Y. Spring-loaded pressure-releasable door latch means. 2,576,635, Nov. 27.

Notto, Joseph A., Malden, Mass., assignor, by mesne assignments, to Rockaboat Inc. Child's furniture. 2,553,670, May 22.

Notvest, Robert W., Affton, Mo., assignor to American Brake Shoe Company, New York, N. Y. Electrolytic determination of lead and copper. 2,544,802, Mar. 13.

Nouvelle Societe de Construction ci-devant N. Schlumberger & Cie., assignee: *See*—
Gressel, Jules and P.

Nouzák, Vladimír, assignor of one-half to United Machine Tools Factories, National Corporation, Prague, Czechoslovakia. Arrangement for automatically disengaging a mechanism by stop action. 2,560,238, July 10.

Novak, Frank, assignee: *See*—
Novak, John.

Novak, Frank, Hartford, Wis. Motor-driven brush assembly. 2,558,455, June 28.

Novak, Frank, Hartford, Wis. Automatic release hitch assembly. 2,573,771, Nov. 6.

Novák, František: *See*—
Bures, Stanislav, and Novak.

Novak, Izador J., Trumbull, Conn., and C. W. Palm, Manheim, Pa., assignors to Raybestos-Manhattan, Inc., Passaic, N. J. Asbestos yarn and production. 2,578,941, Dec. 18.

Novak, John, Perth Amboy, assignor of one-half to F. Novak, Old Bridge, N. J. Differential drive rotary fluid coupling. 2,536,564, Jan. 2.

Novak, John M., San Francisco, Calif. Vortex gun. 2,545,893, Mar. 20.

Novak, Mildred E., assignee: *See*—
Schmidt, Howard F.

Novak, Thomas J., St. Paul, Minn. Jar lifting device. 2,570,069, Oct. 2.

Novelty Carriage Works, Inc., assignee: *See*—
Pospisil, Louis J.

November, Milton H., East Orange, N. J., assignor to Spiral Binding Company, Inc., New York, N. Y. Bookbinder. 2,555,290, May 29.

Novi Equipment Company, assignee: *See*
Adler, Herman G.
Welch, Harry J.

Novick, Abraham, Flushing, assignor to F. L. Smithe Machine Co., Inc., New York, N. Y. Envelope feeding mechanism. 2,572,509, Oct. 23.

Novik, David: *See*—
Moore, Charles S., and Novik.

Novion, Lucien, assignor of one-half to O. Oswald, Honolulu, Hawaii. Skimming ladle. 2,537,848, Jan. 9.

Novitzky, Emil, Detroit, Mich. Fish lure. 2,570,474, Oct. 9.

Novo Terapeutisk Laboratorium A/S, assignee: *See*—
Frederiksen, Svend E.

Novocol Chemical Mfg. Co., Inc., assignee: *See*—
Ratner, Jacob D.

Novotny, Alois, Prague, Czechoslovakia. Producing lactams and their hydrolytic products. 2,569,114, Sept. 25.

Novotný, Alois, Zlin, Czechoslovakia. Producing lactams or their hydrolytic products. 2,579,851, Dec. 25.

Novotny, Alois, Zlin, and O. Wichterle, Prague, assignors to Silon, narodni podnik, Plana nad Luznici, Czechoslovakia. Producing oximes. 2,562,205, July 31.

Novotny, Emil E., Prospectville, G. K. Vogelsang, La Motte, and E. E. Novotny, Philadelphia., assignors, by mesne assignments, to The Borden Company, New York, N. Y. Potentially reactive curable polymers. 2,561,814, July 14.

Novotny, Emil E., Prospectville, and G. K. Vogelsang, Cheltenham, Pa., assignors to The Borden Company, New York, N. Y. Chloro-anacardic polymers and making the same. 2,576,722, Nov. 27.

Novotny, Ernest E.: *See*—
Novotny, Emil E., Vogelsang, and Novotny.

Novotny, Ernest E., Philadelphia, and G. K. Vogelsang, La Mott, Pa., assignors to The Borden Company, New York, N. Y. Phenolic intercondensation resins and making same. 2,566,851, Sept. 4.

Novy, Andrej, Brunn, Czechoslovakia. Drawing board. 2,563,658, Aug. 7.

Novy, Richard J., assignor to Automatic Electric Laboratories, Inc., Chicago, Ill. Manufacturing bearings. 2,540,688, Feb. 6.

Nowak, Alois K., Evanston, assignor to Clearing Machine Corporation, Chicago, Ill. Crankshaft twisting machine. 2,542,050, Feb. 20.

Nowak, David S., Silver Lake, Minn. Rotary turbine type hydraulic coupling. 2,574,492, Nov. 13.

Nowak, Milton: *See*—
Minich, Arthur, and Nowak.

Noweck, Herman E., Mountain Lakes, and T. D. Robb, Ridgewood, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Key pulsing B operator position circuit. 2,568,164, Sept. 18.

Nowell, Richard A., Los Angeles, Calif., assignor to Metal Products, Inc., doing business as Metalcraft Products Co. Spring base for seats. 2,576,806, Nov. 27.

Nowicke, Edmund S., Niagara Falls, N. Y., assignor to Stauffer Chemical Company. Purification of titanium tetrachloride. 2,543,591, Feb. 27.

Noxon, Paul A., Tenafly, assignor to Bendix Aviation Corporation, Teterboro, N. J. Device for introducing motion into sealed casings. 2,548,555, Apr. 10.

Noxon, Paul A., Tenafly, N. J., and J. A. Mead, Croton-on-Hudson, N. Y., assignors to Bendix Aviation Corporation, Teterboro, N. J. Erection system for gyroscopes. 2,553,268, May 15.

Noyce, William K.: *See*—
Daane, Adrian H., and Noyce.

Noyes, Atherton, Jr., Mountain Lakes, assignor to Aircraft Radio Corporation, Boonton, N. J. Crystal detector assembly. 2,555,151, May 29.

Noyes, Atherton, Jr., Mountain Lakes, assignor to Aircraft Radio Corporation, Boonton, N. J. Terminal structure for coil forms. 2,559,988, July 10.

Noyes, Stanley E., Glendale, Calif. Stress breaker. 2,571,931, Oct. 16.

Nuckolls, Richard G., Grinnell, Iowa. Audio level indicator. 2,575,358, Nov. 20.

Nuckols, Harold, Crockett, Tex. Slack display stand. 2,552,011, May 8.

Nuclear Development Associates, Inc., assignee: *See*—
Menke, John R.

Nuclear Instrument and Chemical Corporation, assignee: *See*
Weissman, Richard.

Nu-Craft Products Co., assignee: *See*—
Kautzmann, Harry L., and Berardi.

Nudell, Dewey, Flint, Mich. Weedless bait. 2,576,532, Nov. 27.

Nugent, Corliss D., Winnetka, assignor to Wm. W. Nugent & Co., Inc., Chicago, Ill. Two-stage filter in single housing. 2,545,374, Mar. 13.

Nugent, Corliss D., Chicago, Ill. Pressure filter recharge. 2,550,853, May 1.

Nugent, Wm. W., & Co., Inc., assignee: *See*—
Nugent, Corliss D.

Nugey, Anthony L.: *See*—
Luzzatti, Emil, and Nugey.

Nugey, Anthony L., Rahway, N. J. Apparatus for curing building blocks. 2,575,462, Nov. 20.

Null, Jesse K., Arcadia, Calif. Irrigation device. 2,562,328, July 31.

Nulty, William B., trustee, assignee: *See*—
Shepard, Ernest L.

Numbers, William, Huntington, N. Y. Closure for a container neck and a measuring cup detachably secured in said neck by said closure. 2,559,168, July 3.

Numbers, William, Washington, D. C. Closure for a container neck and a measuring cup detachably secured in said neck by said closure. Re. 23,434, Nov. 27.
Numerof, Jack: *See*—
Crossman, Kenneth W., and Numerof.
Nunn, George W., Surrey, England. Type lever arrangement for stenographic machines. 2,545,375, Mar. 13.
Nuodex Products Co., Inc., assignee: *See*—
Minich, Arthur, and Nowak.
Nu Pocket Method Company, assignee: *See*—
Falk, Irving M.
Nuproducts Corporation, assignee: *See*—
Johnson, Chester W.
Nusbaum, Maynard H., assignee: *See*—
Beall, Donald L., and Menges.
Nusbaum, Maynard H., Elkhart, and D. L. Beall, Goshen, Ind.; said Beall assignor to said Nusbaum. Portable visual and electric traffic signal. 2,564,170, Aug. 14.
Nusbaum, Myron W., assignee: *See*—
Murphy, John H.
Nussbaum, Otto J., Trenton, and F. C. Obert, Nutley, assignors to Kramer Trenton Company, Trenton, N. J. Controlling the head pressure in refrigerating systems. 2,564,310, Aug. 14.
Nushawg, William N., assignee: *See*—
Ghillany, Anthony.
Nussdorfer, Theodore J., Jr., Elyria, Ohio. Low friction journal bearing. 2,542,051, Feb. 20.
Nusshold, Hugo, Buenos Aires, Argentina. Toolholder. 2,573,480, Oct. 30.
Nu-Swift, Limited, assignee: *See*—
Henshaw, Thomas A.
Nutley, William B., trustee, assignee: *See*—
Randall, Walter H.
Nutone, Incorporated, assignee: *See*—
Alexander, Lowell M.
Rowe, Harry C.
Nutt, John H., Los Angeles, Calif. Apparatus for stacking articles on edge. 2,555,602, June 5.
Nutter, Farr, Elkins, W. Va. Slidable pane mounting for windows. 2,551,504, May 1.
Nutter, Kenneth E., assignee: *See*—
Wilson, Clifford R.
Nutter, Mabel E., assignee: *See*—
Wilson, Clifford R.
Nutting, Lee, Berkeley, assignor to Hills Bros. Coffee, Inc., San Francisco, Calif. Preparing a coffee concentrate. 2,562,206, July 31.
Nuttman, Charles W., East Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Inductance coil. 2,567,394, Sept. 11.
Nyberg, Curt E., assignor to Eye Glass Products, Inc., Chicago, Ill. Spectacle neck support. 2,539,922, Jan. 30.
Nyberg, Curt E., assignor to Vail Manufacturing Company, Chicago, Ill. Desk stapler. 2,551,898, May 8.
Nyberg, Ernst V., Lidingö, assignor to Aktiebolaget Cryptoteknik, Stockholm, Sweden. Tens transfer mechanism for calculating machines. 2,536,512, Jan. 2.
Nycum, Homer C., and C. O. Baird, assignors to The C. H. Dutton Company, Kalamazoo, Mich. Safety burner control and ignition switching mechanism for providing a purging period. 2,575,289, Nov. 13.
Nyden, Robert, Manhasset, and H. K. Dickerman, assignors to F. N. Burt Company, Inc., Buffalo, N. Y. Metal closure for powder cans. 2,538,946, Jan. 23.
Nye, Harry G., Jr., Chicago, Ill., assignor to Nye Tool Company. Pipe cutter. 2,556,974, June 12.
Nye, Norman H., *See*—
McIlvried, Edwin J., and Nye.
Nye, Norman H., assignor to The Vaughn Machinery Company, Cuyahoga Falls, Ohio. Vertically moving door. 2,572,186, Oct. 23.
Nye, Roland W., Springfield, N. J., assignor, by mesne assignments, to Harvel Research Corporation. Copolymerization of styrene with blown unsaturated fatty oils. 2,556,336, June 12.
Nye Tool Company, assignee: *See*—
Nye, Harry G., Jr.
Nye-Wait Company, Inc., assignee: *See*—
Schulz, Gustav E., and Fonda.
Nyer, Jacob A.: *See*—
Traub, Milton, and Nyer.
Nygaard, Christ, Zumbrota, Minn. Combination screw driver and wrench with screw head and nut gripping means. 2,566,673, Sept. 4.
Nygaard, Edwin M.: *See*—
Denton, William I., Bishop, and Nygaard.
Nygard, Mae E., St. Louis, Mo. Supporting device. 2,551,388, May 1.
Nyhagen, Barney R., New York, N. Y. Tuning peg for musical instruments. 2,558,059, June 26.
Nyl, John R., assignor to The Falk Corporation, Milwaukee, Wis. Anchor stud. 2,560,525, July 10.
Nylen Products Company, assignee: *See*—
Brammer, William N.
Nylene, Harry O.: *See*—
Jones, Robert L., and Nylene.
Nylok Corporation, The, assignee: *See*—
Boots, Edmund R.
Nylund, Harry W., Great Neck, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Automatic gain control. 2,567,824, Sept. 11.
Nylund, John A., assignor to M. and M. Wood Working Company, Portland, Oreg. Removing defects in wood. 2,570,588, Oct. 9.
Nyman, Alexander, Dover, assignor to Alden Products Co., Brockton, Mass. Photoelectric modulator. 2,561,219, July 17.
Nyman, Marvin L., assignee: *See*—
Hansen, Curtis E.
Nyquist, Arthur N., Grand Rapids, assignor to Winters & Crampton Corporation, Granville, Mich. Punch press feeding device. 2,566,243, Aug. 28.
Nyquist, Arthur S.: *See*—
Kropa, Edward L., Craig, and Nyquist.
Kropa, Edward L., and Nyquist.
Nyquist, Arthur S., Cos Cob, Conn., assignor to American Cyanamid Company, New York, N. Y. Treatment of protein-containing textile materials and products thereof. 2,565,259, Aug. 21.
Nyquist, Harry, Millburn, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Rectangular wave generator control. 2,541,378, Feb. 13.
Nyqvist, Halvar, executor: *See*—
Sahlin, Borje, Aslund, and Jansson.
Sahlin, Börje, and Jansson.
Nyrop, Aage, Hellerup, Denmark. Rendering apparatus. 2,551,042, May 1.
Nyrop, Aage, Hellerup, Denmark. Self-discharging sludge separator. 2,578,484, Dec. 11.
Nyrop, Aage, Hellerup, Denmark. Centrifugal separation. 2,578,485, Dec. 11.
Nyrop, Johan E., Copenhagen, Denmark. Spray drier. 2,559,989, July 10.
Nys, Louis J. C.: *See*—
Kruithof, Jakob, and Nys.
Nysten, Paul, Flushing, N. Y. Smoke box for smoking meat, fish, or poultry. 2,573,772, Nov. 6.
Nystrom, Adrian, Molalla, Oreg. Safety stake for logging bunks. 2,563,737, Aug. 7.
Nystrom, Alfred V.: *See*—
Birch, Thomas H., and Nystrom.
Nystrom, Axel C., Rutherford, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Treating strands. 2,536,208, Jan. 2.
Nystrom, Axel C., Rutherford, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Reel support. 2,544,348, Mar. 6.
Nystrom, Carl H., West Springfield, Mass., assignor, by mesne assignments, to United Aircraft Corporation, East Hartford, Conn. Fuel injection system and apparatus. 2,540,755, Feb. 6.
Nystrom, Karl F., Nashotah, and V. L. Green, Milwaukee, Wis. Railroad car truck. Re. 23,428, Nov. 6.
Nystrom, Karl T., assignor to Standard Railway Equipment Manufacturing Company, Chicago, Ill. Railway car door operating mechanism. 2,540,281, Feb. 6.
Nystrom, Marvin P., Salem, Oreg. Garbage can holder. 2,551,043, May 1.
Nystuen, Marcus I.: *See*—
Borell, George L., and Nystuen.
O K Specialty Co., Inc., assignee: *See*—
McCoy, James H.
O. & S. Bearing Company, assignee: *See*—
Kogstrom, Axel W.
Schroeter, Bruno.
Scully, Carl.
Oace, Ralph J., New Canada Township, Ramsey County, R. B. Snell, and E. E. Eastwold, assignors to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Insulating tape. 2,559,990, July 10.
Oak Mfg. Co., assignee: *See*—
Albrecht, Albert W., Mastney, and Ten Cate.
Galitz, Robert J.
Williams, John H.
Oak Manufacturing Company, The, assignee: *See*—
Probasco, Harold T.
Oak Rubber Company, The, assignee: *See*—
Reynolds, Daniel P.
Oakes, Clyde N.: *See*—
Brown, Joseph T., and Oakes.
Oakes, E. T., Corporation, assignee: *See*—
Oakes, Earle T.
Oakes, Earle T., assignor to E. T. Oakes Corporation, Douglaston, N. Y. Apparatus for making marshmallows. 2,572,049, Oct. 23.
Oakes, George W., Crystal City, Mo. Trap. 2,577,354, Dec. 4.
Oakes, Stewart F.: *See*—
Barnes, Fred H., Kay, and Oakes.
Oakhill, Frederic E., Wilmette, assignor to Prismacolor, Inc., Chicago, Ill. Film feeding means for printing machines. 2,548,998, Apr. 17.
Oakley, Gilbert F.: *See*—
Johnson, Malcolm S., and Oakley.
Oakley, Henry B.: *See*—
Wilson, Arthur D., and Oakley.
Oakley, John, Springfield, assignor to Perkins Machine & Gear Company, West Springfield, Mass. Cutter bit. 2,543,505, Feb. 27.
Oakley, Sterling A., Lincolnwood, Ill., assignor to Hotpoint Inc. Electric heater. 2,546,315, Mar. 27.
Oaks, Orion O., Summit, N. J., assignor, by mesne assignments, to Thermal Liquids, Inc., New York, N. Y. Internal-combustion engine. 2,537,694, Jan. 9.

Oas, Aksel, Anaheim, Calif. Tile cutting machine. 2,563,059, Aug. 7.
Oas, Carl B., Girard, Pa., and C. H. Leonard, Silverton, Oreg. Machine for sanding broom handles. 2,572,374, Oct. 23.
Oates, Charles E., Gardena, assignor to Northrop Aircraft, Inc., Hawthorne, Calif. Throttle reversing linkage. 2,544,853, Mar. 13.
Oates, Norford L., assignor to Smith Cannery Machines Company, Seattle, Wash. Fish beheading machine. 2,546,346, Mar. 27.
Oates, Norford L., assignor to Smith Cannery Machines Company, Seattle, Wash. Fish segregator for feed tables. 2,562,364, July 31.
O'Bannon, Andrew F., Los Angeles, Calif. Vessel propelling and steering mechanism. 2,570,839, Oct. 9.
Obecny, John T., Los Angeles, Calif. Selector valve. 2,545,529, Mar. 20.
Obenchain, Leo B., Revere, Mass. Awning for trailers. 2,556,210, June 12.
Obenour, George G., San Francisco, assignor, by mesne assignments, to G. Dissinger, Davis, Calif. Electric switch. 2,548,678, Apr. 10.
Oberding, Nicholas, assignor to General Outdoor Advertising Co., Inc., Chicago, Ill. Poster panel. 2,568,165, Sept. 18.
Oberfell, George G., and G. N. Cade, Bartlesville, Okla., assignors to Phillips Petroleum Company. Process and apparatus for catalytic conversion of hydrocarbons. 2,546,042, Mar. 20.
Oberfield, Louis, Brooklyn, N. Y. Snap-attachable key register. 2,561,944, July 24.
Oberg, Carl I., Staten Island, N. Y. Golf ball retriever. 2,561,815, July 24.
Oberg, Elmer B., and C. E. Nelson, Milwaukee, Wis., and C. L. Hankinson, Minneapolis, Minn., assignors to Carnation Company, Milwaukee, Wis. Preparing a whipping agent from casein. 2,547,136, Apr. 3.
Oberg, Gunnard A.: *See*—
Briggs, Allan L., and Oberg.
Oberg, Gunnard A., Celoron, assignor to Blackstone Corporation, Jamestown, N. Y. Safety mechanism for centrifugal driers. 2,573,595, Oct. 30.
Oberholtz, Anthony, assignee: *See*—
Moeller, George J.
Oberholtzer, Albert L., assignor to Scott & Williams, Incorporated, Laconia, N. H. Knitting machine. 2,557,137, June 19.
Oberholtzer, Albert L., assignor to Scott & Williams, Incorporated, Laconia, N. H. Knitting machine. 2,565,877, Aug. 28.
Oberholtzer, John M., Los Angeles, Calif., assignor to North American Aviation, Inc. Ring dynamometer. 2,550,588, Apr. 24.
Oberle, Laura A., Pasadena, Calif. Sanitary garment. 2,574,279, Nov. 6.
Oberlies, Leslie D., Sr., Indianapolis, Ind. Golf bag stand. 2,564,917, Aug. 21.
Oberman, Roelof M. M., The Hague, Netherlands. Variable voltage selector. 2,543,050, Feb. 27.
Oberman, Roelof M. M., The Hague, Netherlands. Start-stop repeater. 2,546,369, Mar. 27.
Oberman, Roelof M. M., The Hague, Netherlands. Receiving device for teleprinters. 2,551,693, May 8.
Oberman, Roelof M. M., The Hague, Netherlands. Tube termination for telegraph purposes. 2,551,694, May 8.
Oberman, Roelof M. M., The Hague, Netherlands. Termination for telegraph lines. 2,559,562, July 3.
Oberman, Roelof M. M., The Hague, Netherlands. Selective signaling system. 2,564,766, Aug. 21.
Oberman, Roelof M. M., The Hague, Netherlands. Circuit for marking a line as busy. 2,574,224, Nov. 6.
Oberman, Roelof M. M., and A. Snijders, The Hague, Netherlands. Bridge marking receiver. 2,556,975, June 12.
Oberman, Roelof M. M., and A. Snijders, The Hague, Netherlands. Arrangement for the identification of potential differences. 2,577,147, Dec. 4.
Obermiller, Albert I.: *See*—
Paxton, Floyd G., and Obermiller.
Oberrender, Girard F.: *See*—
Kane, Frank A., Jr., and Oberrender.
Oberright, Edward A., Woodbury, N. J., assignor to Socony-Vacuum Oil Company, Incorporated. Mineral oil composition and improving agent therefor. 2,542,831, Feb. 20.
Oberright, Edward A., Woodbury, N. J., assignor to Socony-Vacuum Oil Company, Incorporated. Alkyl sulfo-alkenyl phenols and salts thereof. 2,542,832, Feb. 20.
Oberst, Richard E., Milwaukee, Wis. Foot pedal operated hopper door. 2,547,089, Apr. 3.
Oberstar, Edward C., Ottawa, Ill., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Edge finishing machine. 2,550,289, Apr. 24.
Oberstar, Edward C., and S. G. Coleman, Ottawa, Ill., assignors to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Edging sheets and plates. 2,576,887, Nov. 27.
Obert, Frank C.: *See*—
Nussbaum, Otto J., and Obert.
Obert, John, Omaha, Nebr. Vehicle brake diving control. 2,574,280, Nov. 6.
Obert, Maximilian J., North Merchantville, N. J., assignor to Radio Corporation of America. Electron beam bender. 2,569,327, Sept. 25.
Obertrifter, Herbert, Elizabeth, N. J. Constructing eyeglass shields. 2,564,210, Aug. 14.
Oberwegner, Alfred R., Los Angeles, Calif. Washing machine supporting carriage. 2,559,028, July 3.
Oberwegner, Alfred R., Los Angeles, Calif. Testing machine for washing machine wringers and the like. 2,560,185, July 10.
Obey, James H., Pittsburgh, Pa., assignor to J. R. Short Milling Company, Chicago, Ill. Method and apparatus for extracting proteins. 2,559,257, July 3.
Obie, Ann Y., assignee: *See*—
Browning, John W.
Obie, Edwin, assignee: *See*—
Browning, John W.
Oblinger, Leroy I., assignee: *See*—
Smith, David C.
O'Boyle, Charles M., assignee: *See*—
Thress, James D.
O'Boyle, Edward H., assignee: *See*—
Ridgeway, Allen T.
O'Brien, Catherine M., Santa Monica, Calif. Pillow for prone posture sleeping. 2,556,629, June 12.
O'Brien, Charles F., Huntington, N. Y. Implement lift and depth gauge mechanism for tractor cultivators. 2,551,333, May 1.
O'Brien, Dan, Los Angeles, Calif. Lapidary device. 2,542,698, Feb. 20.
O'Brien, Gilbert F., New York, N. Y. Paper container. 2,562,570, July 31.
O'Brien, Harry, assignee: *See*—
Whitcomb, Charles E.
Whitcomb, Charles E., and O'Brien.
O'Brien, Herbert J., San Francisco, Calif. Packaging. 2,578,583, Dec. 11.
O'Brien, John C., assignor to General Railway Signal Company, Rochester, N. Y. Radio-frequency oscillator organization. 2,570,840, Oct. 9.
O'Brien, John V., Park Ridge, Ill. Supporting device for pipe cleaning machines. 2,552,808, May 15.
O'Brien, Joseph F., Lebanon, and J. B. Cataldo, Summit, N. J., assignors to John B. Pierce Foundation, New York, N. Y. Reverse current circuit breaker. 2,537,080, Jan. 9.
O'Brien, Joseph F., Lebanon, and E. Podhorzer, Somerville, N. J., assignors to John B. Pierce Foundation, New York, N. Y. Electroresponsive device with time delay. 2,540,135, Feb. 6.
O'Brien, Joseph F., Lebanon, and E. S. Boynton, East Orange, N. J., assignors to John B. Pierce Foundation, New York, N. Y. Electromagnetic circuit breaker. 2,544,719, Mar. 13.
O'Brien, Joseph F., Lebanon, and J. B. Cataldo, Annandale, N. J., assignors to John B. Pierce Foundation, New York, N. Y. Resilient motivating device. 2,561,405, July 24.
O'Brien, Joseph F., Lebanon, J. B. Cataldo, Annandale, and K. E. Vroom, Summit, N. J., assignors to John B. Pierce Foundation, New York, N. Y. Electrical receptacle. 2,567,961, Sept. 18.
O'Brien, Joseph F., Lebanon, J. B. Cataldo, Bernardsville, and K. E. Vroom, Summit, N. J., assignors to John B. Pierce Foundattion, New York, N. Y. Switch unit. 2,567,962, Sept. 18.
O'Brien, Mercedes E., Dunmore, Pa. Restraining garment for children. 2,538,469, Jan. 16.
O'Brien, Quentin J.: *See*—
Calton, Joseph G., and O'Brien.
O'Brien, Patrick J., and R. V. Chettle, Long Beach, Calif., assignors, by mesne assignments, to Borax Consolidated, Limited, London, England. Manufacture of boric acid from sodium borate. 2,545,746, Mar. 20.
O'Brien, William J., assignor to The Decca Record Company, Limited, London, England. Radio receiving apparatus. 2,548,233, Apr. 10.
O'Brien, William J., assignor to The Decca Record Company, Limited, London, England. Vacuum tube oscillator. 2,549,923, Apr. 24.
O'Brien, William J., assignor to The Decca Record Company, Limited, London, England. Radio beacon system. 2,550,372, Apr. 24.
O'Brien, William J., assignor to The Decca Record Company, Limited, London, England. Compensated amplifier circuit. 2,552,809, May 15.
O'Brien, William J., assignor to The Decca Record Company, Limited, London, England. Double phase comparator circuit. 2,562,329, July 31.
O'Brien, William J., assignor to The Decca Record Company, Limited, London, England. Phase comparator circuits. 2,568,250, Sept. 18.
O'Brien, William J., London, England, assignor, by mesne assignments, to Signal Tuned Radio Corporation, Chicago, Ill. Radio receiver. 2,569,426, Sept. 25.
O'Brien, William J., assignor to The Decca Record Company, Limited, London, England. Radio-frequency navigation system. 2,578,980, Dec. 18.
O'Brien, William J., Jr., Durham, N. C. Cigarette humidor and dispenser. 2,553,671, May 22.
O'Brien, William P.: *See*—
Alexander, Ronald R., and O'Brien.
Obst, Charles V.: *See*—
Hampton, Leon N., Mesch, and Obst.

Obszarny, Thedore, and J. Schmidt, assignors to Guardian Electric Manufacturing Co., Chicago, Ill. Centering device for beams of cathode-ray tubes. 2,544,898, Mar. 13.
O'Callaghan, James S., Marblehead, Mass. Spinning bait. 2,554,342, May 22.
Och, Henry G.: *See*—
Lakatos, Emory, and Och.
Ochoa, Doris, assignee: *See*—
Ochoa, José.
Ochoa, José, assignor to D. Ochoa, San Francisco, Calif. Combination folding chair, bed, and hammock. 2,541,539, Feb. 13.
Ochs, Sidney A., and O. E. Fishburn, Detroit, assignors to Chrysler Corporation, Highland Park, Mich. Power-transmitting mechanism. 2,571,474, Oct. 16.
Ochtman, Leonard, Ridgewood, assignor to Bendix Aviation Corporation, Teterboro, N. J. Electromagnet overload release clutch. 2,547,137, Apr. 3.
Ochtman, Leonard, Ridgewood, assignor to Bendix Aviation Corporation, Teterboro, N. J. Actuator for clutches. 2,548,269, Apr. 10.
Ocker, John M., U. S. Navy, Arlington, Va. Instrument for ship zigzag operations. 2,560,590, July 17.
O'Connell, James R., assignor to Hardinge Brothers, Inc., Elmira, N. Y. Collet. 2,545,628, Mar. 20.
O'Conner, John L., Delano, Calif. Projectile return mechanism for targets. 2,552,446, May 8.
O'Connor, Arthur F., Chicago, Ill., assignor to Union Asbestos & Rubber Company. Floor rack. 2,546,651, Mar. 27.
O'Connor, Arthur F., Chicago, Ill., assignor to Union Asbestos & Rubber Company. Floor rack. 2,555,991, June 5.
O'Connor, Arthur F., Chicago, Ill., assignor to Union Asbestos & Rubber Company. Spring device. 2,570,370, Oct. 9.
O'Connor, Arthur F., Chicago, Ill., assignor to Union Asbestos & Rubber Company. Snubber. 2,570,371, Oct. 9.
O'Connor, Arthur F., Chicago, Ill., assignor to Union Asbestos & Rubber Company. Floor rack. 2,574,410, Nov. 6.
O'Connor, James J., R. H. Savage, and H. C. Schwalbe, assignors, by mesne assignments, to The Mead Corporation, Chillicothe, Ohio. Method of and apparatus for coating paper. 2,565,260, Aug. 21.
O'Connor, James M., Seattle, Wash. Festive candle. 2,570,841, Oct. 9.
O'Connor, John B., assignor to Lyon Metal Products, Incorporated, Aurora, Ill. Foot construction for metal chairs. 2,543,592, Feb. 27.
O'Connor, John B., assignor to Lyon Metal Products, Incorporated, Aurora, Ill. Handle for locker latches. 2,568,592, Sept. 18.
O'Connor, Joseph F., Milan, Ohio. Drag and disk trailer. 2,546,472, Mar. 27.
O'Connor, Vincent T., Revere, Mass. Beach or like rocking chair. 2,570,842, Oct. 9.
O'Daniel, Clarence, Richmond Heights, Mo., assignor to Century Electric Company. Packing free oil seal. 2,537,600, Jan. 9.
O'Daniel, Clarence, Richmond Heights, Mo., assignor to Century Electric Company. Geared electric motor. 2,578,446, Dec. 11.
O'Day, Arthur C., Milton, Mass. Baseboard radiator. 2,568,818, Sept. 25.
O'Day, Marcus D., Arlington, Mass., assignor, by mesne assignments, to the United States of America as represented by the Secretary of War. Radio beacon system. 2,558,373, June 26.
Odds, Charles, Hollywood, Calif. Headlight. 2,561,033, July 17.
Oddy, Clifford G., assignor to Vickers-Armstrong Limited, London, England. Track for track laying vehicles. 2,551,695, May 8.
O'Dell, Boyd L., Columbia, Mo., assignor to Parke, Davis & Company, Detroit, Mich. Dihydropteroylglutamic acid and preparing the same. 2,545,305, Mar. 13.
Odell, Carl H., Morristown, and R. B. Lewthwaite, River Edge, assignors to Thomas A. Edison, Incorporated, West Orange, N. J. Condition-responsive system. 2,578,447, Dec. 11.
Odell, Charles A., Kansas City, Mo. Fuel pump tester. 2,566,742, Sept. 4.
O'Dell, William, U. S. Army, Linden, Mich. Rotary hydraulic expansible chamber motor. 2,555,363, June 5.
Odell, William W., Washington, D. C., assignor to Standard Oil Development Company. Treating hydrocarbon synthesis tail gas. 2,554,264, May 22.
Odell, William W., Washington, D. C., assignor to Standard Oil Development Company. Fluidized process for the carbonization of carbonaceous solids. 2,557,680, June 19.
Odén, Gösta K., Nybro, Sweden. Bag closure. 2,538,585, Jan. 16.
Odén, Knut O., assignor to Aktiebolaget Hadar Schmidt, Stockholm, Sweden. Article controlled release mechanism for postal franking machines. 2,567,493, Sept. 11.
Odenheimer, Jerome H., Havertown, Pa., assignor to General Electric Company. Terminal socket electrical connector. 2,578,448, Dec. 11.
Odenthal, Alvin L., Los Angeles, Calif. Electric lamp bulb changer. 2,545,043, Mar. 13.
Odenthal, William, Los Angeles, Calif. Turntable as used for display purposes and friction drive mechanism therefor. 2,566,674, Sept. 4.
Odenweller, Keith H., Winfield, Kans., and R. L. Steinberger, Alexandria, Va. Pulsating sound generator. 2,548,905, Apr. 17.
Odier, Jean A., Chambery, assignor to Compagnie de Produits Chimiques et Electro Metallurgiques Alais Froges et Camargue, Paris, France. Apparatus for the electrolytic oxidation of metallic elements. 2,541,275, Feb. 13.
Odin Corporation, assignee: *See*—
Svenson, Ernest J.
Odneal, Nova G., Turlock, Calif. Fish creel trap gate. 2,562,636, July 31.
Odom, Marvin W.: *See*—
Hunt, Thomas B., Odom, and Garrett.
Odom, Robert L., Waynesboro, Miss. Gearing for steering two-wheel or two-track driven machines. 2,542,157, Feb. 20.
O'Donnell, Edward M., Galva, Iowa. Tractor seat. 2,569,730, Oct. 2.
O'Donnell, Frank A., Naugatuck, Conn., assignor to United States Rubber Company, New York, N. Y. Heel covering machine. 2,569,070, Sept. 25.
O'Donnell, Gordon J.: *See*—
Moore, Robert J., and O'Donnell.
O'Donnell, James, Los Angeles, Calif. Sewage disposal equipment. 2,545,301, Mar. 13.
O'Donnell, Michael V., Pittsburgh, Pa., assignor to Crucible Steel Company of America, New York, N. Y. Leaf spring band construction. 2,571,475, Oct. 16.
Odora Company, Inc., assignee: *See*—
Miller, Elliot A.
Odot, Charles A. M. E., Hussein-Dey, Algeria. Building of nonpermanent bridges chiefly for military purposes by means of amphibian seaplanes. 2,579,605, Dec. 25.
Odquist, Harold T., Yonkers, N. Y., and R. E. J. Nordquist, Maplewood, N. J., assignors to American Can Company, New York, N. Y. Apparatus for inspecting articles with a movable spot of radiant energy. 2,561,406, July 24.
Odstrčil, Bořivoj, Prague, Czechoslovakia. Electric shaving apparatus. 2,565,697, Aug. 28.
Oehler, William P.: *See*—
White, Charles H., and Oehler.
Oehler, William P., assignor to Deere & Company, Moline, Ill. Towed planter marker. 2,537,543, Jan. 9.
Oehler, William P., assignor to Deere & Company, Moline, Ill. Dirt guard for planter runner. 2,554,205, May 22.
Oehler, William P., assignor to Deere & Company, Moline, Ill. Press wheel scraper. 2,571,285, Oct. 16.
Oehler, William P., assignor to Deere & Company, Moline, Ill. Flexible cutoff for planter seed plates. 2,576,693, Nov. 27.
Oehler, William P., assignor to Deere & Company, Moline, Ill. Hydraulic angling mechanism for disk harrow gangs. 2,579,086, Dec. 18.
Oehler, William P., and G. W. Ade, assignors to Deere & Company, Moline, Ill. Tractor implement attachment. 2,563,185, Aug. 7.
Oehler, William P., and G. W. Ade, assignors to Deere & Company, Moline, Ill. Cam released clutch. 2,563,186, Aug. 7.
Oel- und Chemie-Werke A. G., assignee: *See*—
Moser, Franz R.
Oellerich, Hans G., Jr., Oneonta, N. Y. Sanitary napkin support. 2,565,738, Aug. 28.
Oerman, Orey W., assignor to Deere & Company, Moline, Ill. Disk plow wheel. 2,536,459, Jan. 2.
Oerman, Orey W., assignor to Deere & Company, Moline, Ill. Hitch device. 2,551,456, May 1.
Oerman, Orey W., assignor to Deere & Company, Moline, Ill. Cushion hitch device. 2,551,457, May 1.
Oerman, Orey W., assignor to Deere & Company, Moline, Ill. Two-way plow. 2,575,527, Nov. 20.
Oertel, Carl H., Baltimore, Md. Dental cuspidor provided with saliva shield. 2,549,514, Apr. 17.
Oertli, Traugott, Zurich, Switzerland. Mixing attachment for high-speed machines for pulping foodstuffs, etc. 2,572,375, Oct. 23.
Oest, George F., Rochester, N. Y., assignor of one-fifth to W. Oest, Omaha, Nebr., and one-fifth to I. W. Oest, Minneapolis, Minn. Tire casing. 2,565,619, Aug. 28.
Oest, George F., Rochester, N. Y., assignor of one-fifth to W. Oest, Omaha, Nebr., and one-fifth to I. W. Oest, Minneapolis, Minn. Winter tire. 2,565,620, Aug. 28.
Oest, Irwin W.: *See*—
Oest, George F.
Oest, Walter, assignee: *See*—
Oest, George F.
Oesterlein, Fritz, assignor to Ciba Limited, Basel, Switzerland. Manufacture of 4-nitro-1-aminonaphthalene-5-sulfonic acid. 2,576,807, Nov. 27.
Oestreicher, George J., deceased, Cleveland, Ohio; G. E. Oestreicher, executrix of said G. J. Oestreicher, assignor to G. E. Oestreicher, Cleveland, Ohio. Stop valve. 2,541,715, Feb. 13.
Oestreicher, Gertrude E., executrix, assignee: *See*—
Oestreicher, George J.
Oestreicher, Warren J., Brooklyn, S. Lidz, New York, and S. Jacobson, Brooklyn, N. Y. Hotel television system. 2,570,475, Oct. 9.

Oestrich, Hermann, H. Rosskopf, A. Renner, and J. Valter, Decize, France, said Rosskopf, said Renner, and said Valter assignors to said Oestrich. Hollow blade for gas turbines and the like. 2,559,131, July 3.

Oetinger, Elmer F., Buffalo, N. Y. Cigarette making machine. 2,554,379, May 22.

Oetting, Robert L.: *See*—
Prideaux, Gwilym F., and Oetting.

Oetting, Robert L., South Euclid, Ohio, assignor to General Electric Company. Illuminated dial. 2,561,881, July 24.

Oetzel, John G., Beloit, Wis., assignor to Warner Electric Brake & Clutch Company. Eddy current device. 2,538,797, Jan. 23.

Oetzel, John G., Beloit, Wis., assignor to Warner Electric Brake & Clutch Company. Magnetic friction element. 2,554,874, May 29.

Oetzel, John G., Beloit, Wis., assignor to Warner Electric Brake & Clutch Company. Return spring. 2,556,976, June 12.

Oetzel, John G., Beloit, Wis., assignor to Warner Electric Brake & Clutch Company. Magnetically controlled friction clutch. 2,578,716, Dec. 18.

Oetzel, John G., and J. A. Mason, Beloit, Wis., assignors to Warner Electric Brake & Clutch Company. Control for vehicle braking systems. 2,538,796, Jan. 23.

O'Farrell, Frank, and L. J. Delson, Long Beach, Calif. Cothes hanger with container for moth repellent. 2,546,518, Mar. 27.

O'Farrell, Matthew, Detroit, Mich., assignor to Chicago Pneumatic Tool Company, New York, N. Y. Air-line oiler. 2,560,239, July 10.

Ofeldt, Frank W., Carnot, assignor to Homestead Valve Manufacturing Company, Coraopolis, Pa. Liquid fuel burner, atomizing type. 2,546,402, Mar. 27.

Ofeldt, Frank W., Carnot, assignor to Homestead Valve Manufacturing Company, Coraopolis, Pa. Blending nozzle. 2,552,644, May 15.

Ofeldt, Frank W., Carnot, assignor to Homestead Valve Manufacturing Company, Coraopolis, Pa. Nozzle. 2,573,982, Nov. 6.

Ofeldt, Frank W., Carnot, assignor to Homestead Valve Manufacturing Company, Coraopolis, Pa. Temperature fusible plug for spraying apparatus. 2,573,983, Nov. 6.

Offenhauer, Charles M., Lewiston, N. Y., assignor to Union Carbide and Carbon Corporation. Producing ductile cast iron. 2,538,263, Jan. 16.

Offermann, Willy: *See*—
Gündel, Wolfgang, Meyer, Offermann, and Fuchs.

Office National d'Etudes et de Recherches Aeronautiques, assignee: *See*—
Richard, Gilbert.
Romani, Lucien.
Vichnievsky, Rostislav.

Office National d'Etudes et de Recherches Aeronautiques (O. N. E. R. A.), assignee: *See*—
Favre, Alexandre.

Office of Scientific Research and Development, United States of America as represented by the Executive Secretary of the, assignee: *See*—
Hobbs, Charles F., and Saunders.
Licklider, Joseph C. R.

Office Products, Inc., assignee: *See*—
Galeone, William.

Officina Meccanica e Riparazioni-Omera-Società a. R. L., assignee: *See*—
Serverini, Sergio.

Offner, Abe, Stamford, Conn., assignor to J. A. Maurer, Inc., Long Island City, N. Y. Corrected view finder optical system. 2,538,209, Jan. 16.

Offner, Franklin F., Chicago, Ill. Temperature responsive system. 2,573,596, Oct. 30.

Offutt, Elmer B., Kansas City, Mo., assignor to The Indiana Steel Products Company, Chicago, Ill. Drive mechanism. 2,539,858, Jan. 30.

Offutt, John W., Ellwood City, Pa., assignor to National Tube Company. Cold-reducing tubular sections. 2,549,705, Apr. 17.

Offutt, John W., Ellwood City, Pa., assignor to National Tube Company. Roller die. 2,565,780, Aug. 28.

Offutt, John W., Ellwood City, Pa. Float rod assembly. 2,573,869, Nov. 6.

Offutt, William C., and M. C. Fogle, Oakmont, assignors to Gulf Research & Development Company, Pittsburgh, Pa. Cracking process. 2,568,967, Sept. 25.

Offutt, William V., Downey, Calif. Fluid mixing system. 2,571,476, Oct. 16.

Offutt, William V., San Marino, Calif. System for preventing overheating of X-ray tubes and the like. 2,536,306, Jan. 2.

O'Flynn, Denis J.: *See*—
Lehr, James C., O'Flynn, and Tompson.

Ogan, Albert C., Pleasant Hills Borough, Pa., assignor to United States Steel Company. Fusing alloy additions to a steel bath. 2,557,458, June 19.

Ogburn, Harley R., Marshall, Tex. Earth anchor. 2,576,412, Nov. 27.

Ogden, Arnold B., assignor of one-third to M. E. Luse, and one-third to B. L. Ogden, Jefferson City, Mo. Direction indicating light. 2,573,926, Nov. 6.

Ogden, Bessie L., assignee: *See*—
Ogden, Arnold B.

Ogden, Floyd H., Arlington, assignor to Dennison Manufacturing Company, Framingham, Mass. Machine for attaching tickets. 2,559,828, July 10.

Ogden, Harold S., Erie, Pa., assignor to General Electric Company. Electric control system. 2,561,220, July 17.

Ogden, Horace R.: *See*—
Jaffee, Robert I., and Ogden.
Jaffee, Robert I., Ogden, and Maykuth.

Ogden, Jack: *See*—
Hendricks, Curtis W., and Ogden.

Ogden, John W., Pawtucket, R. I., assignor to Irons & Russell Company. Cravat holder. 2,568,511, Sept. 18.

Ogden, Wilbert F., Pittsburgh, Pa. Floor construction. 2,559,198, July 3.

Ogg, William A., Huntington, W. Va. Metal smelting process. 2,543,420, Feb. 27.

Ogilvie, James, Buffalo, assignor to Allied Chemical & Dye Corporation, New York, N. Y. Amino-cyclohexylcyclohexane salts of dyestuff acids. 2,555,603, June 5.

Ogilvie, James, Buffalo, N. Y., and G. Genta, Hillside, N. J., assignors to Allied Chemical & Dye Corporation, New York, N. Y. Preparing leuco sulfuric acid esters of vat dyestuffs and salts thereof. 2,575,463, Nov. 20.

Ogilvie, Frank R., Glendora, assignor to Engine Life Products Corporation, El Monte, Calif. Filter assembly. 2,569,186, Sept. 25.

Ogilvie, William, Copt Heath, Knowle, assignor to B. S. A. Tools Limited, Birmingham, England. Centerless grinder. 2,552,447, May 8.

Ogle Construction Co., assignee: *See*—
Powell, Max W.

Ogle, Hugh M., Schenectady, N. Y., assignor to General Electric Company. Motor control system. 2,555,992, June 5.

Oglesby, Elizabeth L.: *See*—
Hagemeyer, Hugh J., Jr., Oglesby, and Caldwell.

Oglesby, Nicholas E., Troy, N. Y., and F. R. Weaver, Edgewood, Md., assignors to the United States of America as represented by the Secretary of War. Dispersion of solids from destroyer stacks. 2,536,076, Jan. 2.

Ogletree, Annie R., assignee: *See*—
Killingsworth, Samuel J.

Ognibene, Tito, Milan, Italy. Construction of a cut-off wall. 2,539,670, Jan. 30.

Ogorzaly, Henry J.: *See*—
Mayer, Ivan, and Ogorzaly.

Ogorzaly, Henry J., Summit, N. J., assignor to Standard Oil Development Company. Melting reduced metal dust. 2,540,593, Feb. 6.

Ogorzaly, Henry J., Summit, N. J., assignor to Standard Oil Development Company. Gas-solid contacting apparatus, including means for stripping solid particles. 2,545,165, Mar. 13.

Ogorzaly, Henry J., Summit, N. J., assignor to Standard Oil Development Company. Oxygen separation. 2,556,850, June 12.

Ogorzaly, Henry J., Summit, N. J., assignor to Standard Oil Development Company. Oxygen process. 2,560,469, July 10.

Ogorzaly, Henry J., Summit, N. J., assignor to Standard Oil Development Company. Reduction and melting of ores with gaseous fuel. 2,560,470, July 10.

Ogorzaly, Henry J., Summit, N. J., assignor to Standard Oil Development Company. Liquefaction of air. 2,562,812, July 31.

Ogorzaly, Henry J., Summit, and H. Z. Martin, Cranford, N. J., assignors to Standard Oil Development Company. Continuous ore reducing and melting operation. 2,562,813, July 31.

Ogren, Axel E., Chicago, Ill. Ornamental wall switch. 2,574,933, Nov. 13.

Ogren, Ernest O., Muskegon, Mich. Glazing strip. 2,548,556, Apr. 10.

Ogurkowski, Georges, Zug, Switzerland, assignor to Landis & Gyr, A. G. Transformer. 2,551,696, May 8.

O'Hagan, John P., Pittsburgh, Pa. Reservoir tubing cutter. 2,563,483, Aug. 7.

O'Halloran, Donald M.: *See*—
Mitchell, Frederic D., and O'Halloran.

O'Halloran, Rosemary: *See*—
Kolfenbach, John J., and O'Halloran.

O'Halloran, Rosemary, Elizabeth, N. J., assignor to Standard Oil Development Company. Sulfonate grease. 2,553,422, May 15.

O'Halloran, Rosemary, Elizabeth, N. J., assignor to Standard Oil Development Company. Sulfonate lubricating grease. 2,562,814, July 31.

O'Halloran, William F., Greensburg, Pa. Child's vehicle. 2,571,750, Oct. 16.

O'Hara, Raymond J.: *See*—
Elliott, Stanley B., and O'Hara.

O'Hara, Robert F., and J. H. Weisling, Milwaukee, Wis. Can opener. 2,545,826, Mar. 20.

O'Hara, Thomas M., Detroit, Mich. Variable-speed coupling. 2,564,211, Aug. 14.

O'Hare, Martin: *See*—
Johnson, Harry O., and O'Hare.

O'Hern, Maurice D., Hammond, Ind., assignor to American Steel Foundries, Chicago, Ill. Slack adjuster. 2,571,376, Oct. 16.

Ohio Advertising Display Company, The, assignee: *See*—
Katsetos, Christos M.

Ohio Boxboard Company, The, assignee: *See*—
Ellsworth, Ransom C.

Ohio Brass Company, The, assignee: *See*—
Bovard, William P.
Sheadel, John M.
Smith, Edward P.
Ohio Carbon Company, The, assignee: *See*—
Stoffel, Lester L.
Ohio Corrugating Company, The, assignee: *See*—
Vaughn, Harold G.
Ohio Crankshaft Company, The, assignee: *See*—
Sabol, John T.
Somes, Howard E.
Somes, Howard E., Jr., and Marquardt.
Strickland, Harold A., Jr.
Strickland, Harold A., Jr., and Riddell.
Vaughan, John T.
Wadhams, James B.
Ohio Ferro-Alloys Corporation, assignee: *See*—
Vignos, James C.
Ohio Injector Company, The, assignee: *See*—
Allenbaugh, George G.
Ohio Knitting Mills, Inc., assignee: *See*—
Rovas, Tobias.
Ohio Nut & Bolt Company, The, assignee: *See*—
Reich, Robert A.
Ohio Oil Co., The, assignee: *See*—
Seed, Everett G.
Ohio Rubber Company, The, assignee: *See*—
Baker, John C.
Meyers, George L.
Meyers, George L., and Schriner.
Meyers, George L., Schriner, and Shutt.
Saurer, Curt.
Ohio Seamless Tube Company, The, assignee: *See*—
Dewey, Raymond E.
Ohio State University Research Foundation, assignee: *See*—
Brode, Wallace R., and Morris.
Gaver, Kenneth M., Lasure, and Tieszen.
Newman, Melvin S.
Ohio Thermometer Co. Inc., The, assignee: *See*—
Wappner, Ralph C.
Ohl, Russell S., Fair Haven, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Translating means for ultra-short wave length energy. 2,563,613, Aug. 7.
Ohl, Russell S., Red Bank, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Bonded article and bonding. 2,555,001, May 29.
Ohlemeyer, Walter F., El Paso, Tex. Firearm holster. 2,546,774, Mar. 27.
Ohlheiser, Carlton E., Silver Spring, Md., assignor, by mesne assignments, to American Instrument Co., Inc. Apparatus for precision control of climatic conditions. 2,545,491, Mar. 20.
Ohlson, Reynold A., assignor to The Trumbull Electric Manufacturing Company, Plainville, Conn. Dustproof box. 2,550,493, Apr. 24.
Ohlsson, Eric O., Hagalund, Sweden. Device for converting rotary motion into reciprocating motion. 2,547,594, Apr. 3.
Ohlsson, Sven E. W., Goteborg, Sweden. Screw vise for retaining regularly or irregularly shaped objects. 2,541,605, Feb. 13.
Ohman, Carl L., Tahsis River, British Columbia, Canada. Chain saw link. 2,564,989, Aug. 21.
Ohmega Laboratories, assignee: *See*—
Foster, Harry R., and Crump.
Ohmer Corporation, assignee: *See*—
Nicholson, George E., and McGay.
Ohmert, Richard A., Glendale, Calif. Domestic electric floor polisher, buffer, and applicator. 2,544,174, Mar. 6.
Ohrmundt, Milton E.: *See*—
Schwehr, Frank W., and Ohrmundt.
Ohsol, Ernest O.: *See*—
Green, Arthur D., Ohsol, and Kittleson.
Morgan, Jerome P.
Ohsol, Ernest O., and A. D. Green, Cranford, N. J., assignors to Standard Oil Development Company. Use of recycle aqueous acrylonitrile condensate in butadiene-1,3 emulsion polymerization. 2,556,851, June 12.
Ohsol, Ernest O., Cranford, C. S. Carlson, Roselle, and B. E. Hudson, Jr., Cranford, N. J., assignors to Standard Oil Development Company. Continuous process for manufacture of perchloromethyl mercaptan. 2,575,290, Nov. 13.
Oil Center Tool Company, assignee: *See*—
French, Walter P.
Penick, Arthur J.
Oil Equipment Manufacturing Corporation, The, assignee: *See*—
Kaufman, Daniel.
Oilgear Company, The, assignee: *See*—
Grad, Adolf.
Douglas, James K.
Ferris, Walter.
Tyler, Ransom.
Tyler, Ransom, and Parduhn.
Oiljack Manufacturing Co., Inc., The, assignee: *See*—
Persak, George, Jr.
Oilock Corporation, assignee: *See*—
Engel, Otto.
Oil-Rite Corporation, assignee: *See*—
Davis, Ernest W.
Oil Well Chemical & Materials Co., Inc., assignee: *See*—
Doscher, Todd M.
Oil Well Supply Company, assignee: *See*—
Keim, Charles J., and Maier.
Keim, Charles J., Maier, and Quayle.
Maier, August R.
Redman, William J.
Oishei, John R., assignor to Trico Products Corporation, Buffalo, N. Y. Windshield cleaner mechanism. 2,572,750, Oct. 23.
Ojalvo, Edmond, New York, N. Y. Valve. 2,563,484, Aug. 7.
O'Kane, Le Roy, Pittsburgh, Pa. Antipickable lock. 2,552,012, May 8.
Okazaki, Miyoji, Mesa, Ariz. Window mount for concrete structures. 2,559,656, July 10.
O'Keefe, Daniel P., Los Angeles, Calif. Construction for stoves. 2,536,513, Jan. 2.
O'Keefe, Donald V., and M. C. O'Keefe, assignors of one-third to E. W. Lakin, Omaha, Nebr. Tube cap having a spring-biased pivoted closure. 2,558,314, June 26.
O'Keefe, Joseph S., Birmingham, Ala. Set of colored blocks for playing a game. 2,5440,211, Feb. 6.
O'Keefe, Marion C.: *See*—
O'Keefe, Donald V., and M. C.
O'Keefe and Merritt Company, assignee: *See*—
Brainard, Maurice W.
O'Keefe, Walter, Schenectady, N. Y. Guide assembly for reels. 2,556,937, June 12.
O'Keeffe, Andrew E., and J. A. Shannon, Metuchen, N. J., assignors to E. R. Squibb & Sons, New York, N. Y. Purification and fractionation of heparin preparations. 2,552,507, May 15.
O'Keeffe, George W.: *See*—
Hurxthal, Alpheus O., and O'Keeffe.
Okey, George W., Denver, Colo. Continuous grip can opener. 2,554,420, May 22.
Okolicsanyi, Ferenc, London, England, assignor of one-half to Gunson Seeds South Africa (Pty) Limited, Johannesburg, Transvaal, Union of South Africa, and one-half to R. W. Gunson (Seeds) Limited, London, England. Electrostatic sorting of seeds by color. 2,536,693, Jan. 2.
Okolicsanyi, Ferenc, Hampstead, London, England. Thermopile. 2,543,331, Feb. 27.
Okon, Nathan, Bronx, N. Y. Spacing device for shipping cartons and the like. 2,565,146, Aug. 21.
Okonite-Callender Cable Company, Incorporated, The, assignee: *See*—
Bennett, Charles E., and White.
Garrison, Vernon L.
Okrent, Jasper J., Great Neck, N. Y., assignor, by mesne assignments, to the United States of America as represented by the Secretary of the Navy. Integrating circuit. 2,567,574, Sept. 11.
Okress, Ernest C., Montclair, N. J., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Coupling device for micro-wave energy. 2,557,391, June 19.
Okress, Ernest C., Montclair, N. J., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Magnetron and manufacture. 2,564,716, Aug. 21.
Oksas, Casimir G., Troy, N. Y. Fire extinguisher. 2,540,544, Feb. 6.
Okulanis, Joseph, Chicago, Ill. Bedspring frame retainer. 2,553,205, May 15.
Okulitch, George J., and I. Zozulin, Vancouver, British Columbia, Canada. Magnetic drive agitator. 2,566,743, Sept. 4.
Okumura, Raymond S., Honolulu, Hawaii. Combination punch and cutter. 2,562,678, July 31.
Okunami, Hideo, Honokaa, Territory of Hawaii. Easy-pour gallon supporter. 2,554,875, May 29.
Ola, Gerardo, Stockton, Calif. Laterally expandable shoe tree. 2,553,933, May 22.
Olah, George, Ealing, assignor to Precision Developments Company Limited, London, England. Rotary displacement pump. 2,571,377, Oct. 16.
Olander, Harold A., Chicago, Ill. Cheese-cutting device. 2,538,426, Jan. 16.
Olander, Leonard G., assignee: *See*—
Curle, George L.
Olander, Roland J., assignor to W. H. Miner, Inc., Chicago, Ill. Friction shock absorber for railway car truck springs. 2,559,731, July 10.
Old, Bruce S.: *See*—
Avery, William H., and Old.
Old, Bruce S., Concord, Mass., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Tapping blast furnaces and the like. 2,563,131, Aug. 7.
Old, Robert C., Long Beach, Calif., assignor of one-quarter to E. R. Bjorklund, Spokane, Wash. Key container. 2,564,918, Aug. 21.
Oldbury Electro-Chemical Company, assignee: *See*—
Pernert, John C.
Old Dominion Box Company, assignee: *See*—
Becker, Walter A., and Cato.
Oldenboom, Derk J., Binghamton, assignor to International Business Machines Corporation, New York, N. Y. Check-endorsing machine. 2,566,955, Sept. 4.
Oldham, Frederick E., Mellor, near Blackburn, England. Liquid heater. 2,538,586, Jan. 16.

Oldham, Frederick E., Mellor, near Blackburn, England. Fluid conduit control and the like systems. 2,538,587, Jan. 16.
Oldham & Son Limited, assignee: *See*—
Roberts, Alec O.
Oldham and Son Limited, assignee: *See*—
Holt, Harry, Jr.
Oldham, Wilbur N.: *See*—
Post, Earl E., and Oldham.
Thurston, Jack T., and Oldham.
Oldham, Wilbur N., Monrovia, Calif., and J. R. Dudley, Cos Cob, Conn., assignors to American Cyanamid Company, New York, N. Y. Synthetic resins prepared from aldehyde condensation products. 2,541,005, Feb. 6.
Oldofredi, Edgar C. V., New York, N. Y. Producing decorated materials. 2,549,847, Apr. 24.
Oldofredi, Edgar C. V., New York, N. Y. Spring box. 2,553,269, May 15.
Oldroyd, Dorothy M.: *See*—
Goldblatt, Leo A., and Oldroyd.
Olds, Dean, and C. L. Schroeder, assignors to The Coleman Company, Inc., Wichita, Kans. Space heater casing for receiving combustion products. 2,550,854, May 1.
Old Town Ribbon & Carbon Co., Inc. of Mass., assignee: *See*—
Robinson, Grant R.
O'Leary, Allan McI., assignee: *See*—
Condron, Harry E., Jr.
O'Leary, Charles M., Balboa Island, Calif. Planetary gearing. 2,555,454, June 5.
O'Leary, Charles M., Los Angeles, Calif. Unloader valve. 2,542,259, Feb. 20.
O'Leary, Charles M., Los Angeles, Calif. Change-speed transmission mechanism. 2,558,193, June 26.
O'Leary, Charles M., Los Angeles, Calif. Rotary hydrokinetic torque converter with cooling system. 2,558,976, July 3.
Olejniczak, Stephen J., Detroit, Mich. Level compass. 2,542,561, Feb. 20.
Oleksy, Edward J., Chicago, Ill. Cleaning device for teeth and dentures. 2,555,858, June 5.
Oles, David: *See*—
Dunn, Henry M., and Oles.
Oles, Herbert E.: *See*—
Wall, Alexander C., and Oles.
Oles, John S., Detroit, Mich. Vibration damper. 2,557,511, June 19.
Olesen, Arthur J.: *See*—
Olesen, Elven H. and A. J.
Olesen, Elven H. and A. J., Leominster, Mass. Ice-fishing tilt. 2,569,946, Oct. 2.
Oleskey, Isadore, Chicago, Ill. Adjustable foot correcting device. 2,554,718, May 29.
Oleson, Owen O.: *See*—
Selzler, Michael L., and Oleson.
Olevin, Adolph, Brooklyn, N. Y. Memorandum device. 2,568,819, Sept. 25.
Olien, Henry C., and N. S. Geisenheimer, Milwaukee, assignors to Cudahy Brothers Company, Cudahy, Wis. Curing of meat. 2,549,924, Apr. 24.
Olin, Franklin W., Alton, assignor to The Equitable Powder Manufacturing Company, East Alton, Ill. Fusee. 2,543,533, Feb. 27.
Olin Industries, Inc., assignee: *See*—
Audrieth, Ludwig F., and Mohr.
Franz, Arvel O., and Walkup.
Hancox, Robert R., Tuer, and Stutzman.
Hitchens, Aaron L., and Stroke.
Newcomer, Martin.
Newcomer, Martin, and Williams.
O'Neill, John J., Jr., and Reichardt.
Reichardt, Emerald P., and Baldridge.
Roemer, William C., and Lines.
Stutzman, Milo J.
Woodring, William B., and Reinhardt.
Olin, John F., Grosse Ile, Mich., assignor to Sharples Chemicals Inc. Reaction of alkylphenol, tertiary amine and epihalohydrin. 2,547,965, Apr. 10
Olin, John F., Grosse Ile, Mich., assignor to Sharples Chemicals, Inc. Preparation of alkylthiohydroxypropyl quaternary ammonium halides. 2,548,679, Apr. 10.
Olin, John F., Grosse Ile, Mich., assignor to Sharples Chemicals Inc. Salts of 3,6 endoxohexahydrophthalic acid. 2,550,494, Apr. 24.
Olin, John F., Grosse Ile, Mich., assignor to Sharples Chemicals Inc. Surface active agents. 2,565,986, Aug. 28.
Olin, John F., Grosse Ile, Mich., assignor to Sharples Chemicals Inc. Manufacture of high molecular weight thioethers. 2,571,157, Oct. 16.
Olin, Stephen M., and O. E. Fancher, assignors to Miles Laboratories, Inc., Elkhart, Ind. 2-aminoalkyl-9-fluorenones. 2,556,102, June 5.
Oliphant, John E., Chicago, Ill. Centrifugal blower. 2,540,136, Feb. 6.
Oliva, Ervin W., Alton, Kans. Pivotally mounted tire bead compressing clamp. 2,577,910, Dec. 11.
Oliver, Bernard M., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Differential control circuit. 2,541,276, Feb. 13.
Oliver, Bernard M., Morristown, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Television receiver blanking circuit. 2,560,815, July 17.
Oliver, Bernard M., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Pulse forming and shaping circuits. 2,577,355, Dec. 4.
Oliver, Bernidine B., assignee, trustee: *See*—
Bayston, John R.
Oliver Corporation, The, assignee: *See*—
Altgelt, Herman E.
Daniels, Lee C.
Gemberling, Cameron H.
Gemberling, Cameron H., and Altgelt.
Oliver, David B., assignee: *See*—
Roberts, Samuel S.
Oliver, Edd C., deceased, Adrian, Mich.; G. R. Oliver, executrix of said E. C. Oliver, assignor to G. R. Oliver, Adrian, Mich. Grinding machine. 2,538,532, Jan. 16.
Oliver, Edd C., deceased, Adrian, Mich.; G. R. Oliver, executrix of said E. C. Oliver, assignor to G. R. Oliver, Adrian, Mich. Tool grinding apparatus. 2,542,562, Feb. 20.
Oliver, Edd C., deceased, Adrian, Mich.; G. R. Oliver, executrix of said E. C. Oliver, assignor to G. R. Oliver, Adrian, Mich. Grinding machine. 2,552,645, May 15.
Oliver, Edd C., deceased, Adrian, Mich.; G. R. Oliver, executrix of said E. C. Oliver, assignor to G. R. Oliver, Adrian, Mich. Fluid power device. 2,552,860, May 15.
Oliver, Edd C., deceased, Adrian, Mich.; G. R. Oliver, executrix, assignor to G. R. Oliver. Tool-supporting device. 2,574,586, Nov. 13.
Oliver, Edwin L., Piedmont, assignor to Oliver United Filters Incorporated, Oakland, Calif. Continuous industrial filter. 2,548,999, Apr. 17.
Oliver, Eugene C., Independence, Iowa. Commode. 2,562,058, July 24.
Oliver, Genevieve R., executrix, assignee: *See*—
Oliver, Edd C.
Oliver, Henry, assignee: *See*—
West, Charles.
Oliver, Herbert F., West Springfield, assignor to The F. W. Sickles Company, Chicopee, Mass. Antibacklash mechanism. 2,563,953, Aug. 14.
Oliver Instrument Company, assignee: *See*—
Garrison, Clifford L.
Oliver Iron Mining Company, assignee: *See*—
Morton, Ronald J.
Oliver Iron and Steel Corporation, assignee: *See*—
Overly, Charles D.
Oliver, James G., Rosslyn Farms, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Apparatus for the vapor deposition of metals. 2,551,389, May 1.
Oliver, James H., Ballston Spa, N. Y., assignor to General Electric Company. Electric chick brooder. 2,542,699, Feb. 20.
Oliver, John R., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Pelorus. 2,537,233, Jan. 9.
Oliver, John R., Springfield, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Transmitting mechanical motion through a fluid-tight wall. 2,549,986, Apr. 24.
Oliver, Joseph W., Ferndale, Mich. Nut and pipe wrench. 2,547,534, Apr. 3.
Oliver, Lawrence R., assignor of ten per cent to N. L. Oliver, Martins Ferry, Ohio. Nursing bottle. 2,555,054, May 29.
Oliver, Leslie W.: *See*—
Clark, Lauriston E., and Oliver.
Oliver, Norman L., assignee: *See*—
Oliver, Lawrence R.
Oliver, Paul E., assignee: *See*—
Oliver, Paul M.
Oliver, Paul M., Knoxville, Tenn., assignor of one-third to W. O. Matthews, Atlanta, Ga., and one-third to P. E. Oliver, Knoxville, Tenn. Dump body for trucks. 2,542,425, Feb. 20.
Oliver, Ralph R., assignor to Lockport Cotton Batting Co., Lockport, N. Y. Flame resistant cellulose fibrous materials and making same. 2,553,781, May 22.
Oliver, Ralph R., assignor to Lockport Cotton Batting Co., Lockport, N. Y. Removing mineral oil from vegetable fibers. 2,557,993, June 26.
Oliver, Thomas A., Jr., Philadelphia, Pa. Machine and method for joining plain and ribbed fabrics. 2,548,234, Apr. 10.
Oliver, Tomas C., Seville, Spain. Steerable landing gear. 2,578,897, Dec. 18.
Oliver United Filters Incorporated, assignee: *See*—
Barnebl, August C.
Morehouse, Charles R., and Cavallero.
Oliver, Edwin L.
Oliver, Wallace F., South Bend, Ind., assignor, by mesne assignments, to Avco Manufacturing Corporation, New York, N. Y. Washing machine control system. 2,563,738, Aug. 7.
Oliver, William M., Battle Creek, Mich. Gauge for internal tapers. 2,540,282, Feb. 6.
Olivo, Mario, New York, N. Y. Cupola briquette. 2,540,173, Feb. 6.
Olliver, Charles W., assignor to Societe Civile des Brevets O. B., Paris, France. Automatic multiple dialing apparatus. 2,576,189, Nov. 27.
Ollman, Melvin L., Indianapolis, Ind. Pinless clothesline. 2,557,756, June 19.

Olman, Peter M., Los Angeles, Calif. Power translation mechanism. 2,543,929, Mar. 6.
Olmsted, Francis A., Hopkinton, Mass. Cooking appliance. 2,543,297, Feb. 27.
Olney, George J., Westernville, N. Y. Vegetable separator. 2,571,056, Oct. 9.
O'Loughlin, Edward K., Brookline, Mass. Handgrip for carrying parcels, packages, bundles, etc. 2,547,343, Apr. 3.
Olpin, Henry C., K. R. House, and J. Wright, Spondon, near Derby, England, assignors to Celanese Corporation of America. Colored cellulose esters and ethers. 2,559,787, July 10.
Olrich, Ernest L., and F. Chatfield, assignors to Munsingwear, Inc., Minneapolis, Minn. Garment. 2,554,380, May 22.
Olscheske, Arthur G.: *See*—
Gallot, Charles, and Olscheske.
Olschewski, Emma J., assignee: *See*—
Olschewski, Leo.
Olschewski, Hertha, executrix: *See*—
Olschewski, Leo.
Olschewski, Leo, deceased, Union, N. J.; H. Olschewski, executrix of said L. Olschewski, assignor to E. J. Olschewski. Irrigating sprinkler. 2,558,663, June 26.
Olsen, Albert F., Minneapolis, Minn., assignor to Northwest Airlines, Inc., St. Paul, Minn. Smoke detection and extinguishing system. 2,536,694, Jan. 2.
Olsen, C. A., Manufacturing Company, The, assignee: *See*—
Downe, Edward R.
Milhouse, Larew J.
Ritter, Alden J.
Olsen, Carl E., and J. A. Peterson, assignors to Gearench Mfg. Co., Houston, Tex. Impact type sucker rod wrench. 2,558,374, June 26.
Olsen, Charles H., Stanmore, New South Wales, Australia, assignor, by mesne assignments, to The Sherwin-Williams Company, Cleveland, Ohio. Red lead and producing same. 2,548,047, Apr. 10.
Olsen, Charles H., Stanmore, New South Wales, Australia, assignor, by mesne assignments, to The Sherwin-Williams Company, Cleveland, Ohio. Zinc paste. 2,548,048, Apr. 10.
Olsen, Clarence E., Minneapolis, Minn. Hot-air furnace construction. 2,561,479, July 24.
Olsen, Earl W., assignor of forty-nine per cent to F. Larsen, Ventura, Calif. Drill pipe handling and racking apparatus. 2,539,751, Jan. 30.
Olsen, Edward E., Port Richmond, N. Y. Lock and slide for screen or storm windows. 2,553,144, May 15.
Olsen, Ernest R., Grand Haven, R. F. Flora, and C. J. Lonnee, Muskegon, assignors to Hastings Manufacturing Company, Hastings, Mich. Centrifugal mold and liner. 2,543,332, Feb. 27.
Olsen, Ernest R., Muskegon, assignor to Hastings Manufacturing Company, Hastings, Mich. Piston ring. 2,560,775, July 17.
Olsen, Eugene M.: *See*—
Klaasen, Ralph J., Olsen.
Olsen, Henry H., assignor to Crawford Door Company, Detroit, Mich. Electric motor indexing and reversing circuit. 2,537,155, Jan. 9.
Olsen, Henry H., assignor to Crawford Door Company, Detroit, Mich. Upward acting door construction. 2,538,626, Jan. 16.
Olsen, Henry H., assignor to Crawford Door Company, Detroit, Mich. Overhead door mounting. 2,539,200, Jan. 23.
Olsen, Idar M., Jackson, Mich. Regulating shot sizes. 2,567,121, Sept. 4.
Olsen, James, Divernon, assignor of one-half to F. A. Stutsman, Springfield, Ill. Loading and unloading lift platform for trucks. 2,536,954, Jan. 2.
Olsen, John L., Upland, assignor to Sun Oil Company, Philadelphia, Pa. Continuous adsorption process. 2,564,717, Aug. 21.
Olsen, Robert A.: *See*—
Lundgren, Stanley F., and Olsen.
Olsen, Robert E., Venice, assignor to Mitchell Manufacturing Co., Tru-Ad Division, Los Angeles, Calif. Germicidal lamp mounting and reflector. 2,569,772, Oct. 2.
Olsen, Robert T., Belvidere, N. J., assignor to General Aniline & Film Corporation, New York, N. Y. Preparation of saturated aldehydes from unsaturated alcohols by means of metal carbonyls. 2,548,171, Apr. 10.
Olsen, Robert T., Belvidere, N. J., assignor to General Aniline & Film Corporation, New York, N. Y. Di-(beta-hydroxyalkyl) - (alkyl carbamyl - oxy) - alkylamines. 2,556,146, June 5.
Olsen, Ronald W., Caldwell, N. J., assignor to General Electric Company. Thermostatic selective heating, cooling, and circulating interlocking control system. 2,547,657, Apr. 3.
Olsen, Wesley A., assignor to Sanitary Metal Products Company, Oakland, Calif. Heat exchange apparatus. 2,544,349, Mar. 6.
Olson, Albert J.: *See*—
Powell, Ellis G., Johnson, and Olson.
Olson, Albert M.: *See*—
Baker, George W., Conley, and Olson.
Olson, Alice M. and O. H., Madison, Wis. Hat stay. 2,537,849, Jan. 9.
Olson, Alton L. R., Lodi, assignor to Allen B. Du Mont Laboratories, Inc., Passaic, N. J. Regulated high-voltage power supply. 2,565,621, Aug. 28.
Olson, Alton M., Northwood, N. Dak. Vehicle bumper jack. 2,547,768, Apr. 3.
Olson, Andrew: *See*—
Glaser, Roy W., and A. and E. J. Olson.
Olson, Arthur R., Cambridge, and E. B. McMillan, Salem, Mass., assignors to United Shoe Machinery Corporation, Flemington, N. J. Welting of styrene-butadiene copolymer. 2,558,776, July 3.
Olson, Carl A., Jamaica, N. Y. Dispensing device for packaged articles. 2,569,572, Oct. 2.
Olson, Carl T., Belle Vernon, assignor of fifty per cent to H. W. Nahi, Monessen, Pa. Precision angle and internal taper gauge. 2,544,469, Mar. 6.
Olson, Carl W., and W. A., assignors to Electro Specialty Manufacturing Co., Inc., Minneapolis, Minn. Intake ventilating hood. 2,553,866, May 22.
Olson, Charles S., Gulfport, Miss. Apparatus for cutting bodies to a polygonal contour. 2,559,258, July 3.
Olson, Clarence L., San Francisco, Calif. Method and apparatus for forming sleepers in building construction. 2,575,678, Nov. 20.
Olson, Clarence O., assignor to Spin-Dex, Inc., Chicago, Ill. Rotary file. 2,575,766, Nov. 20.
Olson, Earl L.: *See*—
Shoup, Allen A., Bierwirth, and Olson.
Olson, Edgar J.: *See*—
Glaser, Roy W., and A. and E. J. Olson.
Olson, Einer C., Milwaukee, Wis. Laundry machine having washing, rinsing, and liquid expelling means. 2,574,752, Nov. 13.
Olson, Emil H.: *See*—
Sturgis, Howard W., and Olson.
Olson, Emil H., Muskegon, Mich, assignor to Anaconda Wire and Cable Company. Wire coating composition. 2,570,476, Oct. 9.
Olson, Eugene O., assignor to Delavan Manufacturing Company, Des Moines, Iowa. Combustion spray nozzle. 2,566,532, Sept. 4.
Olson, Frances F., Zanesville, Ohio. Educational head structure with shiftable vocal members. 2,574,838, Nov. 13.
Olson, Harold M., Vermillion, assignor to The Harshaw Chemical Company, Elyria, Ohio. Preparation of metal-organic compounds. 2,573,049, Oct. 30.
Olson, Harry F., Princeton, N. J., assignor to Radio Corporation of America. Directional microphone. 2,539,671, Jan. 30.
Olson, Harry F., Princeton, N. J., assignor to Radio Corporation of America. Transformerless audio output system. 2,548,235, Apr. 10.
Olson, Harry F., Princeton, and J. Preston, Metedeconk, N. J., assignors to Radio Corporation of America. Coaxial dual-unit electrodynamic loudspeaker. 2,539,672, Jan. 30.
Olson, Harry F., Princeton, and J. Preston, Metedeconk, N. J., assignors to Radio Corporation of America. Impressing the sensitivity and the response characteristics of velocity microphones. 2,566,093, Aug. 28.
Olson, Harry F., Princeton, and J. Preston, Metedeconk, N. J., assignors to Radio Corporation of America. Line type pressure responsive microphone. 2,566,094, Aug. 28.
Olson, Harry F., Princeton, and J. Preston, Metedeconk, N. J., assignors to Radio Corporation of America. Velocity type microphone. 2,572,376, Oct. 23.
Olson, Harry R., assignee: *See*—
Cushman, George A.
Olson, Hayward W., assignee: *See*—
Hickey, Emory V.
Olson, Henry L., and R. A. Miller, assignors to Camfield Manufacturing Company, Grand Haven, Mich. Electric bread toaster. 2,548,680, Apr. 10.
Olson, Herbert E., Indianapolis, Ind., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Manifold system for automatically venting and igniting combustible gas escaping from high-pressure compressed-gas containers. 2,557,199, June 19.
Olson, Holly M., assignor to Sealed Power Corporation, Muskegon, Mich. Steel piston ring. 2,568,655, Sept. 18.
Olson, John, Detroit, Mich. Push or pull toggle clamp. 2,574,281, Nov. 6.
Olson, John J., Buffalo, assignor to Allied Chemical & Dye Corporation, New York, N. Y. Valve. 2,575,464, Nov. 20.
Olson, John W., Ardsley on Hudson, N. Y., assignor to Anaconda Wire and Cable Company. Making multiconductor cables. 2,536,885, Jan. 2.
Olson, Kenneth W., assignor, by mesne assignments, to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Resistance measuring apparatus. 2,567,575, Sept. 11.
Olson, Leonard E., Chicago, Ill., assignor to Sinclair Refining Company, New York, N. Y. Conversion of hydrocarbons. 2,536,307, Jan. 2.
Olson, Leonard E., Chicago, Ill., assignor to Sinclair Refining Company, New York, N. Y. Catalytic conversion of hydrocarbons. 2,544,350, Mar. 6.
Olson, Leonard E., Chicago, Ill., assignor to Sinclair Refining Company, New York, N. Y. Catalytic conversion of hydrocarbons. 2,558,375, June 26.

Olson, Leonard E., Chicago, Ill., assignor to Sinclair Refining Company, New York, N. Y. Conversion of hydrocarbons in the presence of cracking catalyst containing barium peroxide. 2,573,481, Oct. 30.
Olson, Louis S., deceased, Grafton, N. Dak.; S. N. Olson, administrator. Mailbox positionable wire letter holder. 2,576,964, Dec. 4.
Olson, Obert H.: *See*—
Olson, Alice M. and O. H.
Olson, Oliver L., Camas, Wash. Spinner type ball game. 2,546,775, Mar. 27.
Olson, Oscar A., Ames, Iowa. Lettering instrument. 2,560,736, July 17.
Olson, Osear R., Pittsburgh, Pa. Kettle furnace. 2,543,982, Mar. 6.
Olson, Raymond G., Jr., Chevy Chase, Md. Cushioning device. 2,551,505, May 1.
Olson, Raymond G., Niles, assignor of one-third to K. T. Snow, Oak Park, Ill. Electrical connection having identical bifurcated plate members. 2,554,876, May 29.
Olson, Raymond R., Oak Park, Ill. Window construction. 2,568,130, Sept. 18.
Olson, Robert W., assignor to Geophysical Service, Inc., Dallas, Tex. Attenuating circuit. 2,557,888, June 19.
Olson, Robert W., assignor to Geophysical Service, Inc., Dallas, Tex. Magnetic amplifier. 2,548,049, Apr. 10.
Olson, Robert W., Dallas, Tex., assignor to General Instruments Inc. Multiple recorder. 2,579,852, Dec. 25.
Olson, Roy N.: *See*—
Potts, Ralph H., and Olson.
Olson, Selmer N., administrator: *See*—
Olson, Louis S.
Olson, Theodore A., Pompton Plains, N. J., assignor to General Motors Corporation, Detroit, Mich. End grinding of bearing rollers. 2,572,187, Oct. 23.
Olson, Verland A.: *See*—
McConnell, Robert A., and Olson.
Olson, Willard A.: *See*—
Olson, Carl W., and W. A.
Olson, Willard L., Battle Creek, Mich. Rack for automobile cowl panels. 2,547,883, Apr. 3.
Olson, William N., and A. G. Evans, Canton, Ill., assignors to International Harvester Company. Two-way plow. 2,555,555, June 5.
Olsson, Bengt, Brooklyn, N. Y. Apparatus for pumping viscous materials. 2,571,932, Oct. 16.
Olsson, Gunnar D., Stockholm, Sweden. Electromagnetic relay. 2,543,593, Feb. 27.
Olsson, Paul, and R. E. Frink, Pittsburgh, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Air circuit breaker. 2,571,933, Oct. 16.
Oltrogge, Bernard W., Billings, Mont. Foot ventilating shoe. 2,560,591, July 17.
Oltz, Howard R., Hammond, Ind. Humidifying apparatus. 2,558,691, June 26.
Olving, Bror G., assignor to McGraw Electric Company, Elgin, Ill. Automatic electric toaster. 2,541,436, Feb. 13.
Olving Bror G., assignor to McGraw Electric Company, Elgin, Ill. Automatic electric toaster. 2,560,387, July 10.
Olving, Bror G., assignor to McGraw Electric Company, Elgin, Ill. Automatic electric toaster. 2,560,388, July 10.
Olving Bror G., assignor to McGraw Electric Company, Elgin, Ill. Automatic electric toaster. 2,560,389, July 10.
Olyott, Ernest, assignor of one-half to F. E. Berman, Boston, Mass. Manhole cover construction. 2,553,934, May 22.
O'Mahony, Eugene D.: *See*—
Wood, Lawrence A., Jr., and O'Mahony.
O'Malia, William N., assignor of one-half to C. A. Hatch, Oakland, Calif. Hot-water heater. 2,555,699, June 5.
O'Malley, Joseph M.: *See*—
Sheperdson, John W., and O'Malley.
O'Malley, Joseph M., assignor to Morgan Construction Company, Worcester, Mass. Rolling mill bearing. 2,539,752, Jan. 30.
O'Malley, Joseph M., assignor to Morgan Construction Company, Worcester, Mass. Rolling mill. 2,565,928, Aug. 28.
O'Malley, Joseph M., assignor to Morgan Construction Company, Worcester, Mass. Vertical rolling mill. 2,575,231, Nov. 13.
O'Malley, Joseph M., assignor to Morgan Construction Company, Worcester, Mass. Thrust bearing. 2,575,830, Nov. 20.
O'Malley, Robert P.: *See*—
Hammell, Kemper M., and O'Malley.
O'Malley, Thomas F., Pittsburgh, Pa. Nail holder. 2,568,405, Sept. 18.
O'Mara, Carl E., Alexandria, Va., and W. L. Jotter, Cincinnati, Ohio. Bomb chock. 2,552,578, May 15.
Omberg, Arthur C., Baltimore, assignor to Bendix Aviation Corporation, Towson, Md. Automatic position plotter. 2,569,328, Sept. 25.
Omberg, Arthur C., and H. Goldberg, Baltimore, Md., assignors to Bendix Aviation Corporation, South Bend, Ind. Navigational control system. 2,541,277, Feb. 13.
O'Meara, Thomas J., Ottawa, Ontario, Canada. Wheel guard with signal means. 2,567,443, Sept. 11.
Omega Machine Company, assignee: *See*—
Harper, Lyndus E.
Omeron, Carl J. E., Los Angeles, Calif. Control for enclosed internal-combustion engines. 2,569,252, Sept. 25.
"Omo" Aktiengesellschaft, assignee: *See*—
Tütsch, Henry.
O'Morrow, Ross E., assignor to The Columbus Dental Manufacturing Company, Columbus, Ohio. Bimetallic backing for artificial teeth. 2,572,377, Oct. 23.
On-A-Lite Corporation, assignee: *See*—
Brooks, Linzy W.
Onda, George A., and F. K. Ladanyi, Cleveland, Ohio. Mercury switch. 2,552,494, May 8.
Onde, Marcel A., assignor of one-half to J. Guerin, Paris, France. Hydraulic servo-steering system. 2,565,929, Aug. 28.
Ondov, Michael E.: *See*—
Reeder, Fred W., and Ondov.
O'Neal, Cleon D.: *See*—
Voegtlin, Elmo N., O'Neal, and Johnston.
O'Neal, Cleon D., Glenside, assignor to Philco Corporation, Philadelphia, Pa. Phonograph pickup having a quadrilateral crystal with only one corner free to flex. 2,547,227, Apr. 3.
O'Neal, Russell D.: *See*—
Tyler, Arthur W., and O'Neal.
Oneida, Ltd., assignee: *See*—
Wallace, Edward H.
O'Neil, James H., Syracuse, assignor to Continental Can Company, Inc., New York, N. Y. Tablet box. 2,579,954, Dec. 25.
O'Neil, John G., Faribault, assignor to O'Neil-Weinhagen, St. Paul, Minn. Container with sealing lid. 2,555,700, June 5.
O'Neil, John P., Bay City, Tex., assignor to Phillips Petroleum Company. Recovery of unsaturated oil from used HF catalyst. 2,577,799, Dec. 11.
O'Neil-Weinhagen, assignee: *See*—
O'Neil, John G.
O'Neill, Charles B., assignor to Tecumseh Products Company, Tecumseh, Mich. Frame for assembling and shipping a refrigeration unit. 2,542,563, Feb. 20.
O'Neill, Clayton A., and W. W. Harris, Cleveland, and M. Guyot, Rocky River, Ohio, assignors to Aluminum Company of America, Pittsburgh, Pa. Locating inserts in castings. 2,552,810, May 15.
O'Neill, Edward M., assignor to Union Machine Company, San Francisco, Calif. Apparatus for proportioning liquid mixtures. 2,537,277, Jan. 9.
O'Neill, Henry J., Waterbury, Conn., assignor to Benrus Watch Company, Inc., New York, N. Y. Waterproof watchcase. 2,547,090, Apr. 3.
O'Neill, James F., Wyandotte, Mich. Bed tray. 2,563,060, Aug. 7.
O'Neill, James V., and R. W. Slinkman, Emporium, Pa., assignors to Sylvania Electric Products Inc. Control tube. 2,554,877, May 29.
O'Neill, John J., Jr., Roxana, and E. P. Reichardt, Alton, assignors to Olin Industries, Inc., East Alton, Ill. Producing cellulose pellets. 2,543,928, Mar. 6.
O'Neill Patents Limited, assignee: *See*—
Kinker, Clarence C.
O'Neilly, William J., Chipperfield, assignor of one-half to A. Champion, Abbots Langley, England. Cutting, clipping, skinning, and shearing tool. 2,565,878, Aug. 28.
Oneto, Victor P.: *See*—
Trout, Allan E., and Oneto.
Onfrey, George R., assignor to Phillips Foundry Company, Bakersfield, Calif. Hydraulic reversible disk plow. 2,561,032, July 17.
Onfrey, George R., assignor to Phillips Foundry Company, Bakersfield, Calif. Reversible disk plow for tractors. 2,578,942, Dec. 18.
Ongaro, Theodore: *See*—
Lindenberg, Charles H., and Ongaro.
Onisko, John, Jr.: *See*—
Hirsch, Joseph, and Onisko.
Onkey, Theodore F., Easton, Conn. Buffing or polishing composition. 2,540,376, Feb. 6.
Onondaga Pottery Company, assignee: *See*—
Parmelee, Clifford H.
Sebell, Norman I.
Ontario Paper Company Limited, The, assignee: *See*—
Fisher, John H., and Marshall.
Fisher, John H., and Sankey.
Marshall, Harry B., and Sankey.
Summers, Theodore.
Onyx Oil & Chemical Company, assignee: *See*—
Du Bois, Adrien S., and Valko.
Oom, Benjamin J.: *See*—
Hoven, Alfred C., and Oom.
Oom, Benjamin J., C. L. Tinklepaugh, and E. E. Western, assignors to American Seating Company, Grand Rapids, Mich. Adjustable desk top. 2,579,606, Dec. 25.
Opel, Earl E., assignor to National Automatic Tool Company, Inc., Richmond, Ind. Indexing table for machine tools. 2,557,837, June 19.
Operadio Manufacturing Co., assignee: *See*—
Breen, Stanley.
Breen, Stanley, and Kerr.
Marquis, John F.
Supitilov, Michael C.
Supitilov, Michael C., and Larson.
Opgenorth, John E., Alameda, Calif. Newspaper dispensing machine. 2,576,636, Nov. 27.

Ophthalmix, assignee: *See*—
Barile, Henry C.
Opie, Joseph W.: *See*—
Snyder, Eric G., and Opie.
Opie, Joseph W., Minneapolis, Minn., J. Seifter, Willow Grove, W. F. Bruce, Havertown, and G. Mueller, assignors to Wyeth Incorporated, Philadelphia, Pa. 5-alpha-cyclopropylethyl substituted barbituric acids and preparing same. 2,538,322, Jan. 16.
Opland, Herman T., Minneapolis, Minn. Sander tool. 2,569,253, Sept. 25.
Opotow, Nathan, New York, N. Y. Dental flask. 2,557,558, June 19.
Opp, Carl J., and R. E. Werner, Cincinnati, Ohio, assignors to Interchemical Corporation, New York, N. Y. Alkyd resin. 2,560,592, July 17.
Opp, Carl J., and R. E. Werner, Cincinnati, Ohio, assignors to Interchemical Corporation, New York, N. Y. Copolymerization of conjugated drying oils and acids with polymerizable unsaturated compounds. 2,574,753, Nov. 13.
Opp, Fred W., Costa Mesa, and W. H. Opp, Altadena, Calif. Soil and weed treating apparatus. 2,558,376, June 26.
Opp, Walter H.: *See*—
Opp, Fred W. and W. H.
Oppegaard, Assur G., Fredrikstad, and A. J. Ravnestad, Vikene, Onsoy, Norway, assignors to Titan Company, Inc., New York, N. Y. Separation of columbium and tantalum values. 2,537,316, Jan. 9.
Oppegaard, Parnell H., McIntosh, Minn. Tractor operated straw sweeper. 2,577,264, Dec. 4.
Oppel, John A., Aldan, and C. H. Titus, Philadelphia, Pa., assignors to General Electric Company. Circuit interrupter. 2,555,993, June 5.
Oppelt, William P., assignor to The International Silver Company, Meriden, Conn. Hurricane lamp adapter for candlesticks. 2,567,780, Sept. 11.
Oppenauer, Rupert, Buenos Aires, Argentina. Preparing sulfonamides. 2,560,240, July 10.
Oppenheim, Richard D., Woodside, assignor to Spraylat Corporation, New York, N. Y. Protecting shoes during manufacture. 2,537,785, Jan. 9.
Oppenheimer, Julius P., Chatham, N. J. Propulsion device. 2,538,376, Jan. 16
Oppenheimer, Philip W., Yonkers, N. Y., and W. R. Cake, Rutherford, N. J., assignors to Heyden Chemical Corporation, New York, N. Y. Resorcinol recovery process. 2,579,122, Dec. 18.
Oppenheimer, Samuel P., assignee: *See*—
Wilson, Paul B., Jr., and Oppenheimer.
Opprecht, Paul, Turgi, assignor to H. A. Schlatter A. G., Zollikon-Zurich, Switzerland. Synchronous control device for electrical welding machines. 2,555,418, June 5.
Opryshek, John, Jr.: *See*—
Fourrier, Francis L., and Opryshek.
Optical Measuring Tools Limited, assignee: *See*—
Dietrich, Cornelius F., and Smith.
Orajet Corporation, assignee: *See*—
Hyser, Charles L.
Oram, John, Dallas, Tex. Current surge indicator. 2,562,434, July 31.
Orange Hosiery Mills, assignee: *See*—
Ward, Sam A.
Orazi, Paolo, Brescia, Italy. Slow descent device for aircraft. 2,577,031, Dec. 4.
Orban, Stephen G., Bloomfield, assignor to Bendix Aviation Corporation, Teterboro, N. J. Filter unit. 2,566,463, Sept. 4.
Orchard, Mildred C., and L. E. Lang, San Francisco, Calif. Clasp. 2,553,782, May 22.
Orcutt, Dale C.: *See*—
Dry, Claud J., and Orcutt.
Orchin, Milton, and E. O. Woolfolk, Pittsburgh, Pa., assignors to the United States of America as represented by the Secretary of the Interior. Synthesis of di-aryl cyclic ethers. 2,566,357, Sept. 4.
Ord, Lewis R., Toronto, Ontario, Canada, assignor to Dowty Equipment Limited, Cheltenham, England. Apparatus and method for molding ringlike and other shaped open members. 2,541,379, Feb. 13.
Ordnance Gauge Company, The, assignee: *See*—
Sirmay, Julius.
Orear, Andrew G., Glendale, assignor to Trade-Wind Motorfans, Inc., Los Angeles, Calif. Air circulator. 2,554,633, May 29.
O'Rear, Jacques G.: *See*—
Zisman, William A., Spessard, and O'Rear.
Oregonian Publishing Company, The, assignee: *See*—
Rockwell, Chauncey L.
O'Reilly, Royal, Juneau, Territory of Alaska. Cooking utensil. 2,563,691, Aug. 7.
Orelind, John R., Wilmette, Ill. Portable milking machine. 2,569,187, Sept. 25.
Orelind, John R., Wilmette, Ill., assignor to International Harvester Company. Portable milking machine. 2,573,927, Nov. 6.
Orelup, John W.: *See*—
Bamberger, Curt, and Orelup.
Orescan, George, Gary, Ind., assignor to Universal Oil Products Company, Chicago, Ill. Apparatus for the fluid catalytic conversion of different hydrocarbon feeds. 2,558,194, June 26.
Orescan, Michael, Toronto, Ontario, Canada. Tiltable table band saw machine. 2,579,955, Dec. 25.
Orey, Millard, and J. R. Chapin, Salem Oreg. Wrench having pivoted handle and removable socket. 2,549,515, Apr. 17.
Organ, Burnette L., Racine, Wis. Lighted fishing rod. 2,579,087, Dec. 18.
Organisation et Securite de Travail, assignee: *See*—
Broida, Victor.
Oriol, André: *See*—
Rey, Augustin, and Oriol.
Orizar Products Inc., assignee: *See*—
Kimball, Frank T.
Orkin, Bernard A., Philadelphia, Pa., and F. P. Richter, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated. Thiosilane synthetic lubricants. 2,562,474, July 31.
Orla-Jensen, Sigurd, Copenhagen, Denmark. Cheese production. 2,549,331, Apr. 17.
Orlandi, Americo S., Detroit, Mich. Gauging element. 2,538,264, Jan. 16.
Orlando, Charles P., assignee: *See*—
Scuderi, John.
Orlansky, Jesse, New York, N. Y. Illuminated aircraft wing tip. 2,571,158, Oct. 16.
Orlich, Herman A.: *See*—
Orlich, John J. and H. A.
Orlich, John J. and H. A., Philadelphia, Pa. Pump unit. 2,548,738, Apr. 10.
Orlik, Henry G., Camden, N. J., assignor to Radio Corporation of America. Electrolytic removal of metallic coatings from various base metals. 2,578,898, Dec. 18.
Orling, Ernest R., deceased, Detroit, Mich.; H. H. Schoenberg, executor of said E. R. Orling. Boning knife. 2,542,426, Feb. 20.
Orling, Ernest R., deceased, Detroit, Mich.; H. H. Shoenberg executor of said E. R. Orling. Meat conveyer. 2,551,155, May 1.
Orlob, Glenn, Seattle, Wash., assignor to Boeing Airplane Company. Skew axis transmission. 2,538,978, Jan. 23.
Orloff, George, Cheltenham, and C. B. V. Neilson, Fearnhead, near Warrington, assignors to Electro-Hydraulics Limited, Warrington, Lancashire, England. Shock absorber. 2,564,790, Aug. 21.
Orloff, Harold D.: *See*—
Kolka, Alfred J., and Orloff.
Orloff, Harold D., Detroit, Mich., assignor to Ethyl Corporation, New York, N. Y. Manufacture of benzene hexachloride. 2,559,569, July 3.
Orlowsky, Wassyl A., New York, N. Y. Loading and unloading attachment for automotive vehicles. 2,571,751, Oct. 16.
Orme, Norman L., Jr., Asheville, N. C. Liquid floating device. 2,550,589, Apr. 24.
Ormond, Willard C., Rigby, Idaho. Roll film developing tank. 2,555,202, May 29.
Ormsby, Arwin E., assignor to L. M. Ormsby, Oakland, Calif. Crane. 2,549,120, Apr. 17.
Ormsby, Lucienne M., assignee: *See*—
Ormsby, Arwin E.
Ornell, John W., Philadelphia, Pa. Internal-combustion engine. 2,561,590, July 24.
Örner, Otto H., Hudiksvall, Sweden. Producing boards. 2,544,935, Mar. 13.
Ornfelt, John: *See*—
Kipnis, Frank, and Ornfelt.
Örnhjelm, Runar M. R., assignor to Kymin Osakeyhtiö-Kymmene Aktiebolag, Kuusankoski, Finland. Electrolytic cell with mercury cathode. 2,545,376, Mar. 13.
Ornitz, Martin N.: *See*—
English, Ray H., and N. B. and M. N. Ornitz.
Ornitz, Nathaniel B.: *See*—
English, Ray H., and N. B. and M. N. Ornitz.
Ornstein, Harry, Bronx, N. Y. Skate and shoe construction. 2,572,050, Oct. 23.
Oropeza, Jose S., Los Angeles, Calif. Electrically operated power plant. 2,561,131, July 17.
Oros, Rudolph, Los Angeles, Calif. Apparatus for feeding radiator vapor combined with an anti-corrosion and alkaline inhibiting solution into the fuel feed line of an internal-combustion engine. 2,557,459, June 19.
Oroshink, William, Brooklyn, N. Y., assignor to Orrno Pharmaceutical Corporation. Ethers of 1-halogen,2-methyl,4-hydroxybutene-2. 2,541,091, Feb. 13.
O'Rourke, Carl J., Mount Vernon, Ohio. Beam trammel. 2,539,097, Jan. 23.
Orovig, José S., Alcira, Spain. Folding frame or receptacle. 2,539,966, Jan. 30.
Orozco, Gilbert H., Euclid, and R. F. Roy, assignors to Gilron Products Company, Cleveland, Ohio. Composition for forming a dry, homogeneous, self-adherent lubricating film on metal stock. 2,578,585, Dec. 11.
Orozco, Gilbert H., Euclid, and R. F. Roy, assignors to Gilron Products Company, Cleveland, Ohio. Composition for forming a dry, homogeneous, self-adherent, lubricating film on metal stock. 2,578,586, Dec. 11.
Orpin, Lionel H., Greece, assignor to General Railway Signal Company, Rochester, N. Y. Pulse duration discriminator. 2,552,013, May 8.
Orr, Andrew W., Jr.: *See*—
Holley, George M., Jr., and Orr.

Orr, Andrew W., Jr., Detroit, Mich., assignor to G. M. and E. Holley. Gas turbine temperature control responsive to air and fuel flow, compressor intake and discharge temperature and speed. 2,545,703, Mar. 20.
Orr, Andrew W., Jr., Detroit, Mich., assignor to G. M. and E. Holley. Temperature controlled fuel pump for gas turbines. 2,545,856, Mar. 20.
Orr, Andrew W. Jr., Detroit, Mich., assignor to G. M. and E. Holley. Carburetor priming means. 2,552,056, May 8.
Orr, Andrew W., Jr., Detroit, Mich., assignor to G. M. and E. Holley. Gas turbine temperature control. 2,564,127, Aug. 14.
Orr, Claude L.: *See*—
Settles, James C., and Orr.
Orr, Claude L., assignor to The Buckeye Steel Castings Company, Columbus, Ohio. Railway car truck bolster. 2,575,888, Nov. 20.
Orr, Claude L., and J. C. Settles, assignors to The Buckeye Steel Castings Company, Columbus, Ohio. Means to facilitate application of shock absorbers to railway trucks. 2,558,150, June 26.
Orr, Claude L., and J. C. Settles, assignors to The Buckeye Steel Castings Company, Columbus, Ohio. Damping means for railway trucks. 2,574,348, Nov. 6.
Orr, Clifford M.: *See*—
Goldsby, Fred L., and Orr.
Orr, Clifford M., Houston, Tex., assignor to Chicago Bridge & Iron Company. Floating roof. 2,538,033, Jan. 16.
Orr, Clifford M., and F. L. Goldsby, Chicago, Ill., assignors to Chicago Bridge & Iron Company. Vent for floating roof tanks. 2,536,077, Jan. 2.
Orr, Clifford M., and F. L. Goldsby, Chicago, Ill., assignors to Chicago Bridge & Iron Company. Floating roof. 2,538,032, Jan. 16.
Orr, Clifford M., and F. L. Goldsby, Chicago, Ill., assignors to Chicago Bridge & Iron Company. Lifter roof. 2,541,090, Feb. 13.
Orr, Eugene L., Orlando, Fla. Toy parachute and projector therefor. 2,559,458, July 3.
Orr Felt and Blanket Company, The, assignee: *See*—
Albright, Charles B.
Berglund, Orion W.
Petkewicz, William B.
Koester, John P., and Comer.
Koester, John P., Purdy, and Berglund.
Orr, Harold M., Glendale, Calif. Internal thread gauge. 2,578,261, Dec. 11.
Orr, Howard H., Cleveland, Ohio. Valve bag. 2,565,622, Aug. 28.
Orr, Leighton E., Tarentum, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Electroconductive article. 2,569,773, Oct. 2.
Orr, Palmer, Muncie, Ind., assignor to Borg-Warner Corporation, Chicago, Ill. Rotary turbine-type hydraulic torque converter. 2,550,082, Apr. 24.
Orr, Palmer, Muncie, Ind., assignor to Borg-Warner Corporation, Chicago, Ill. Transmission. 2,560,886, July 17.
Orr, Palmer, Muncie, Ind., assignor to Borg-Warner Corporation, Chicago, Ill. Transmission control mechanism. 2,579,693, Dec. 25.
Orrison, Kelvin T., assignor of two-eighths to J. Boyle, Jr., and three-eighths to F. G. Jennings, Washington, D. C. Ice product and making the same. Re. 23,446, Dec. 25.
Orser, William D., assignor to Eastman Kodak Company, Rochester, N. Y. Erector lens for low-power telescopes. 2,541,014, Feb. 13.
Orshansky, Elias, Jr., assignor to The Acrotorque Company, Stamford, Conn. Pump. 2,545,929, Mar. 20.
Orshansky, Elias, Jr., assignor to The Acrotorque Company, Stamford, Conn. Hydraulic transmission. 2,570,843, Oct. 9.
Orsini, Camillo D., Highland Park, assignor to Nixon Nitration Works, Nixon, N. J. Extruding plastic rods having a spiral design. 2,573,050, Oct. 30.
Orsini, Ivan, Cairo, Egypt. Manufacture of artificial porphyry or artificial granite and the product thereof. 2,572,510, Oct. 23.
Orsino, Joseph A., Westfield, N. J. Storage battery cell assembling device. 2,539,318, Jan. 23.
Ort, Daniel J., Wichita, Kans. Resilient saddle mounting for bicycles and the like. 2,562,679, July 31.
Ort, Frank C., Marcellus, assignor to Carrier Corporation, Syracuse, N. Y. Refrigerant distributor. 2,555,055, May 29.
Ort, Johannes G., Cincinnati, Ohio, and J. R. Hibbard, Covington, Ky. Turning-in machine for bookbinders. 2,536,210, Jan. 2.
Örtenblad, Ture, and B. A. Johansen, Goteborg, Sweden. Film reel. 2,545,004, Mar. 13.
Ortenburger, Mitchell W., Los Angeles, Calif. Blind flying device. 2,572,656, Oct. 23.
Ortendahl, Jens A., Jamaica Plain, Mass. Selectable index. 2,552,448, May 8.
Ortgies, Raymond C., Homewood, Ill., assignor to Whiting Corporation. Vertical gas scrubber. 2,575,359, Nov. 20.
Orth, William H.: *See*—
Marvin, Stanley, and Orth.
Ortho Pharmaceutical Corporation, assignee: *See*—
Karmas, George.
Oroshink, William.
Sander, Frank V.
Singher, Heron O., and Harmison.
Orthopedic Frame Co., assignee: *See*—
Treace, Harry T.
Ortloff, John E., and W. B. Woody, assignors to Franks Manufacturing Corporation, Tulsa, Okla. Fluid pressure operated clutch. 2,550,373, Apr. 24.
Ortman, Charles H., Chardon, Ohio. Cam seated slidable jaw wrench. 2,556,294, June 12.
Ortstein, Herbert L., Andover, assignor to Pacific Mills, Lawrence, Mass. Apparatus and process for encasing cylindrical articles in paper bags. 2,568,593, Sept. 18.
Ortusi, Antoine J.: *See*—
Gutton, Henri, and Ortusi.
Warnecke, Robert, and Ortusi.
Ortusi, Antoine J., and P. Fechner, Paris, France, assignors to Compagnie Generale de Telegraphie Sans Fil. Transmitter receiver duplexing circuit for radar apparatus. 2,574,055, Nov. 6.
Ortusi, Jean: *See*—
Gutton, Henri, and Ortusi.
Orwin, Olaf J. B., assignor to Fisher & Ludlow Limited, Smethwick, England. Conveyer chain track structure. 2,569,947, Oct. 2.
Orzel, Paul, Bogota, N. J. Sheave pulley and drum. 2,536,389, Jan. 2.
Osbon, William O., Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Control system. 2,550,122, Apr. 24.
Osborn, Frank R.: *See*—
White, Desmond D., and Osborn.
White, Desmond D., Osborn, and Reich.
Osborn, Henry C., assignee: *See*—
Chisholm, Clifton.
Osborn, Lyle G., Waterford, Pa. Form for manufacturing concrete drain tiles. 2,564,026, Aug. 14.
Osborn Manufacturing Company, The, assignee: *See*—
Ellms, Robert W.
Peterson, Ruben O., and Charvat.
Osborn, Ralph C., Bloomington, Ill., assignor to Eureka Williams Corporation, Detroit, Mich. Tank type suction cleaner. 2,553,424, May 15.
Osborn, Robert J., Milwaukee, Wis. Hand truck and pallet construction. 2,543,254, Feb. 27.
Osborn, Samuel E., Catonsville, Md. Pressing machine operating device. 2,555,759, June 5.
Osborn, William D., Los Angeles, Calif. Multiple speed power transmitting means for sewer rod tractors. 2,578,584, Dec. 11.
Osborne, Bruce, New York, and H. E. Henneman, Pelham, assignors to American Home Products Corporation, New York, N. Y. Glucose derivative compositions. 2,554,152, May 22.
Osborne, David H., assignor to the Porcelain Insulator Corporation, Lima, N. Y. Clamp for electrical conductors. 2,564,340, Aug. 14.
Osborne, Frank, Adlington, near Macclesfield, assignor to Wm. Ayrton & Company, Limited, Manchester, England. Skein winding machine. 2,559,314, July 3.
Osborne, James R., deceased, Shelby, N. C.; J. W. Osborne, executor of said J. R. Osborne. Preparing trial dentures. 2,542,207, Feb. 20.
Osborne, James W., executor: *See*—
Osborne, James R.
Osborne, Melvin J., Lawn, Tex. Combination smoker's appliance. 2,536,078, Jan. 2.
Osborne, Sidney G.: *See*—
Stuart, Kenneth E., and Osborne.
Osborne, Sidney G., Niagara Falls, N. Y., assignor to the United States of America as represented by the United States Atomic Energy Commission. Electrolytic cell. 2,540,960, Feb. 6.
Osborne, Sidney G., Niagara Falls, N. Y., assignor to the United States of America as represented by the United States Atomic Energy Commission. Electrical contact for electrolytic cells. 2,562,150, July 24.
Osborne, Sidney G., St. Davids, Ontario, Canada, and A. Mitchell, assignors to Hooker Electrochemical Company, Niagara Falls, N. Y. Operation in electrolytic alkali chlorine cells. 2,569,329, Sept. 25.
Osborne, Thomas L.: *See*—
Taylor, Jack, Osborne, and Tunnicliff.
Osburn, Myron E., Enid, Okla. Baffle for drainage ports. 2,561,221, July 17.
Oscanyan, William H.: *See*—
Harriman, Charles H., and Oscanyan.
Oschwald, Max, Zuchwil, assignor to Scintilla A-G., Solothurn, Switzerland. Mechanism for converting rotary motion to reciprocatory motion. Re. 23,373, June 5.
Oscroft, Frank, assignor to Boots Pure Drug Company Limited, Nottingham, England. Apparatus for filling tubes with liquids. 2,562,815, July 31.
Osdal, Le Verne K., Upper Darby, Pa., assignor to E. I. du Pont de Nemours and Company, Wilmington, Del. Polytetrafluoroethylene coating compositions. 2,562,117, July 24.
Osdal, Le Verne K., Upper Darby, Pa., assignor to E. I. du Pont de Nemours and Company, Wilmington, Del. Polytetrafluoroethylene coating compositions. 2,562,118, July 24.

Osgood, Charles F., Franklin, Pa., assignor to Joy Manufacturing Company. Hoist. 2,548,270, Apr. 10.
Osgood, Charles F., Franklin, Pa., and J. C. Curtis, Claremont, N. H., assignors to Joy Manufacturing Company. Rock drill. 2,572,841, Oct. 30.
Osgood, Robert C., Claremont, N. H., assignor to Joy Manufacturing Company, Pittsburgh, Pa. Pinlock. 2,564,919, Aug. 21.
Osgood, Rollin D., Birmingham, Ala., assignor to Tennessee Coal, Iron and Railroad Company. Sheet handling apparatus. 2,564,027, Aug. 14.
Osgood, Walter P., Malden, Mass. Power transmission mechanism. 2,571,159, Oct. 16.
O'Shaughnessy, Leo J., South Porcupine, Ontario, Canada. Continuous drier. 2,579,607, Dec. 25.
O'Shei, William E., London, England. Apparatus for generating alternating current. 2,536,211, Jan. 2.
O'Shei, William E., London, England. Vehicle direction indicator. 2,572,751, Oct. 23.
Oshkosh Trunks and Luggage, assignee: *See*—
Luft, John.
O'Sickey, Arthur A.: *See*—
Irti, Ernest, and O'Sickey.
Osika, Frank E., Mosinee, Wis. Releasable hook. 2,568,820, Sept. 25.
Oslund, Axel, Santa Rosa, Calif. Hop-picking machine. 2,570,844, Oct. 9.
Oslund, Herbert D., Minneapolis, Minn. Machine for trimming the finger plate on a piano key. 2,544,175, Mar. 6.
Osmun, Dean W., Houston, Tex. Packer assembly for overshots. 2,559,315, July 3.
Osmundson, Willard H., Sturgeon Bay, Wis. Post pulling apparatus. 2,537,234, Jan. 9.
Osojnak, Boris M., Pittsburgh, Pa. Conveyer for bakers' ovens. 2,570,150, Oct. 2.
Ospina-Racines, Eduardo, Bogota, Colombia. Pneumatic toy. 2,544,720, Mar. 13.
Osplack, Joseph J., assignor to Vinco Corporation, Detroit, Mich. Pivot arm gear rolling fixture. 2,540,961, Feb. 6.
Oss Fish Splitting Machine Company, assignee: *See*—
Oss, Ragnvald S.
Oss, Ragnvald S., assignor to Oss Fish Splitting Machine Company, Duluth, Minn. Fish cleaning device. 2,540,990, Feb. 6.
Osten, Fred C., Sr., Detroit, Mich. Window adjustment. 2,571,477, Oct. 16.
Ostendorf, Bernard, Jr.: *See*—
Bascom, Henry M., Massonneau, Ostendorf, and Rea.
Ostendorf, Bernard, Jr., Stamford, Conn., and W. T. Rea, Manhasset, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Azimuth indicating circuit. 2,546,370, Mar. 27.
Ostendorf, William L., assignor of one-half to R. P. Suess, Pittsburgh, Pa. Thread rolling apparatus. 2,550,855, May 1.
Östenfjeldske Handelskompani Aktieselskap, assignee: *See*—
Sillerud, Oskar M. B.
Oster, John, assignor to John Oster Manufacturing Company, Racine, Wis. Unitary transmission for hair clippers. 2,541,716, Feb. 13.
Oster, John, Manufacturing Company, assignee: *See*—
Brown, Ellis M., and Forss.
Forss, Fritz V.
Oster, John.
Poplawski, Stephen J.
Rudat, George and Lee.
Ulke, William.
Van Armbruster, Cecil, and Bylund.
Osterberg, Harold: *See*—
Pride, Gilbert E., Osterberg, and Jupnik.
Osterberg, Harold, and H. Jupnik, Buffalo, N. Y., assignors to American Optical Company, Southbridge, Mass. Phase microscopy with reflected light. 2,553,108, May 15.
Osterberg, Kenneth A., Minneapolis, Minn. Navigation instrument and computer. 2,548,319, Apr. 10.
Osterbur, Lewis B., and G. W. Collins, Onarga, Ill. Apparatus for drying and storing shelled grain. 2,565,663, Aug. 28.
Östergren, Gustaf, assignor to Aktiebolaget Jonkopings Motorfabrik, Jonkoping, Sweden. Servomotor. 2,536,565, Jan. 2.
Osterhage, Otto C., assignor to Crane Co., Chicago, Ill. Folding closet bowl. 2,567,025, Sept. 4.
Osterheld, Clark M., Stoughton, Wis., assignor to McGraw Electric Company, Elgin, Ill. Gas water heater. 2,541,175, Feb. 13.
Osterheld, Clark M., Stoughton, Wis., assignor to McGraw Electric Company, Elgin, Ill. Mixer. 2,549,121, Apr. 17.
Osterheld, Clark M., Stoughton, Wis., assignor to McGraw Electric Company, Elgin, Ill. Anticorrosion tank. 2,566,138, Aug. 28.
Osterheld, Clark M., Stoughton, Wis., assignor to McGraw Electric Company, Elgin, Ill. Electric heating element. 2,570,975, Oct. 9.
Osterhof, Harold J., assignor to Wingfoot Corporation, Akron, Ohio. Packaging in stretched film. 2,549,122, Apr. 17.
Osterhof, Harold J., assignor to Wingfoot Corporation, Akron, Ohio. Apparatus for packaging articles. 2,549,123, Apr. 17.
Osterhof, Harold J., and T. H. Rogers, Jr., assignors to Wingfoot Corporation, Akron, Ohio. Frothed rubber sponge containing fibers. 2,568,866, Sept. 25.
Osterman, John, Manufacturing Company, assignee: *See*—
Hotz, Fred T., Sadlon, and Brown.
Osterman, Philip C., assignor to American Gas Furnace Company, Elizabeth, N. J. Furnace temperature regulator. 2,567,892, Sept. 11.
Ostertag, Harry M., Drexel Hill, and J. H. Hasshard, Springfield, assignors to Scott Paper Company, Chester, Pa. Yankee drier. 2,563,692, Aug. 7.
Ostertag, Harry M., Drexel Hill, and J. H. Masshard, assignors to Scott Paper Company, Chester, Pa. Yankee drier. 2,576,036, Nov. 20.
Ostertag, Jörg: *See*—
Müller, Max, and Ostertag.
Ostlind, Joel, Oakland, and W. L. Werner, Palo Alto, Calif. Time-delay power relay. 2,557,681, June 19.
Ostline, John E.: *See*—
Balzer, Harvey W., and Ostline.
Ostline, John E., assignor to Automatic Electric Laboratories, Inc., Chicago, Ill. Calendar clock mechanism. 2,543,983, Mar. 6.
Ostling, William, assignor to California Machinery and Supply Co., Ltd., Los Angeles, Calif. Automatic spark control in supercharged spark ignition engines. 2,538,377, Jan. 16.
Ostlund, Evert M., Montclair, N. J., assignor to Federal Telephone and Radio Corporation, New York, N. Y. Object detector. 2,557,994, June 26.
Ostlund, Evert M., Montclair, N. J., assignor to Federal Telephone and Radio Corporation, New York, N. Y. Oscillator construction. 2,579,511, Dec. 25.
Ostrander, Dezelle, South San Francisco, Calif. Wick-feeding means for applicators of cosmetics and the like. 2,549,227, Apr. 17.
Ostrander, Dezelle, South San Francisco, Calif. Key holder. 2,549,228, Apr. 17.
Ostrander, Lowell, Turkey Creek Township, Kosciusko County, assignor of one-half to R. Franks, Wawaka, Ind. Seining net. 2,553,980, May 22.
Ostrander, Robert K., South Orange, N. J. Inertia-operated climbing toy. 2,572,752, Oct. 23.
Ostravske Chemicke Zavody, Narodni Podnik, assignee: *See*—
Smid, Otakar.
Ostrčil, Vilém: *See*—
Kvapil, Klement, Zavral, and Ostrčil.
Zaoral, Josef, and Ostrčil.
Ostreicher, Warren J., New York, N. Y., assignor to Tele-Tone Radio Corporation. Ion trap magnet. 2,539,156, Jan. 23.
Ostroff, Alexander E., assignor to McDonnell Aircraft Corporation, St. Louis, Mo. Droppable wing tank incorporating additional wing area. 2,537,369, Jan. 9.
Ostroff, Nathaniel C., Hollywood, Fla. Combination X-ray and examination table with upright radiography. 2,536,212, Jan. 2.
Ostrom, John W., New Haven, Conn. Spring heel for shoes. 2,555,654, June 5.
Ostrovsky, Peter: *See*—
Ostrovsky, Yetta and P.
Ostrovsky, Yetta and P., Cleveland Heights, Ohio. Pinless adjustable diaper. 2,566,139, Aug. 28.
Ostrow, Eugene E., New York, N. Y. Electromechanical device. 2,563,413, Aug. 7.
Ostrow, Philip A., Providence, R. I. Auxiliary steering wheel for dual control automobiles. 2,544,635, Mar. 6.
Oswald, Albert H. and V. M., Greenwood, Wis. Rotary spreader attachment for grain drills. 2,545,747, Mar. 20.
Oswald, John, Detroit, assignor to Ford Motor Company, Dearborn, Mich. Fender construction. 2,549,124, Apr. 17.
Oswald, John, Detroit, assignor to Ford Motor Company, Dearborn, Mich. Window mounting. 2,556,775, June 12.
Oswald, John, Detroit, assignor to Ford Motor Company, Dearborn, Mich. Spotlight. 2,556,776, June 12.
Oswald, John, Detroit, assignor to Ford Motor Company, Dearborn, Mich. Vehicle roof construction. 2,576,354, Nov. 27.
Oswald, Joseph H., South Euclid, Ohio. Fastening. 2,548,681, Apr. 10.
Oswald, Le Roi, assignee: *See*—
Compton, Edward H.
Oswald, Marcel, assignor to Societe LeCarbone-Lorraine, Paris, France. Refining refractory carbides. 2,568,251, Sept. 18.
Oswald, Olaf, assignee: *See*—
Novion, Lucien.
Oswald, Stewart T., Deerfield Beach, Fla. All-weather doorsill seal. 2,565,393, Aug. 21.
Oswald, Violet M.: *See*—
Oswald, Albert H. and V. M.
Oswego Falls Corporation, assignee: *See*—
Vedder, William J.
Wilcox, Isaac L.
Otallah, Gustandy, Detroit, Mich. Cigarette humidifier. 2,577,356, Dec. 4.

Othmer, Donald F.: *See*—
Smith, Warren R., and Othmer.
Othmer, Donald F., assignee: *See*—
Schmutzler, Alfred F., and Othmer.
Smith, Warren R., Mellenger, and Othmer.
Otis Elevator Company, assignee: *See*—
Margles, Samuel G.
Otis Engineering Corporation, assignee: *See*—
Otis, Herbert C., and Laird.
Otis, Herbert C., Dallas, Tex. Safety control valve. 2,566,772, Sept. 4.
Otis, Herbert C., Dallas, Tex. Safety control valve. 2,566,773, Sept. 4.
Otis, Herbert C., Dallas, Tex. Safety control valve. 2,566,774, Sept. 4.
Otis, Herbert C., Dallas, Tex. Safety control device. 2,566,775, Sept. 4.
Otis, Herbert C., Dallas, Tex. Safety flow control device. 2,566,776, Sept. 4.
Otis, Herbert C., Dallas, Tex. Well tool. 2,568,867, Sept. 25.
Otis, Herbert C., Dallas, Tex. Well device. 2,571,478, Oct. 16.
Otis, Herbert C., and H. C. Laird, assignors to Otis Engineering Corporation, Dallas, Tex. Frangible port closure. 2,552,110, May 8.
Otis, Herbert C., and J. C. Luccous, Dallas, and I. A. Miller, Houston, Tex. Pipe cutter. 2,571,934, Oct. 16.
Otis, Howard J., Kansas City, Mo. Bathtub. 2,569,825, Oct. 2.
Otis Pressure Control, Inc., assignee: *See*—
Fredd, John V.
Kelly, Warner M.
Miller, Ira A.
Otken, Edwin J., New Brunswick, N. J., assignor to Good Humor Corporation, Brooklyn, N. Y. Confection coating machine. 2,562,059, July 24.
Otley, Jesse D., St. Davids, Pa. Grain drier and crib. 2,545,166, Mar. 13.
Otrhalek, Joseph V.: *See*—
Bacon, Leslie R., and Otrhalek.
Ott, Arnold C., assignor to The Upjohn Company, Kalamazoo, Mich. Androgenic compositions. 2,566,358, Sept. 4.
Ott, Arnold C., and M. F. Murray, assignors to The Upjohn Company, Kalamazoo, Mich. Dehalogenation of steroids. 2,578,734, Dec. 18.
Ott, Conrad L., assignor to Baker Perkins Inc., Saginaw, Mich. Cooky-cutting machine. 2,576,533, Nov. 27.
Ott, George L., and K. L. Mills, Poynette, Wis. Animal tong. 2,555,701, June 5.
Ott, Robert J., Philadelphia, Pa. Slide valve. 2,557,460, June 19.
Ott, Roland F., Alton, Ill. Line tightener. 2,564,499, Aug. 14.
Otten, Henry, Port Washington, N. Y. Machine for grinding and smoothing rollers. 2,574,349, Nov. 6
Ottersland, Peter N., Watertown, N. Y. Rotary chipper-knife mounting. 2,570,845, Oct. 9.
Otterson, Oscar, Butler, assignor, by mesne assignments, to Schaefer Equipment Company, Pittsburgh, Pa. Brake beam. 2,566,744, Sept. 4.
Ottl, Joseph, Oklahoma City, Okla. Awning. 2,577,800, Dec. 11.
Ottinger, August F.: *See*—
Brady, Charles V., and Ottinger.
Ottinger, August F., and C. V. Brady, assignors to Bemis Bro. Bag Company, St. Louis, Mo. Bag closure. 2,551,044, May 1.
Ottinger, Harry, McKeesport, Pa., and G. J. Kirchner, Lorain, Ohio, assignors to National Tube Company. Conveying apparatus for furnaces. 2,542,878, Feb. 20.
Ottmar, Jerome, assignor to Metals & Controls Corporation, Attleboro, Mass. Gas burner ignition and safety control system. 2,549,633, Apr. 17.
Otto, Carl, Manhasset, N. Y. Spray saturator crystallizer. 2,549,848 Apr 24
Otto, Earl M., Washington, D. C. Dry cell composition. 2,569,491, Oct. 2.
Otto, Ferdinand P., Woodbury, and R. W. Barrett, Sewell, N. J., assignors to Socony-Vacuum Oil Company, Incorporated. Copolymers of maleic anhydride and thiophene compounds. 2,540,794, Feb. 6.
Otto, Ferdinand P., and O. M. Reiff, Woodbury, and R. W. Barrett, Westville, N. J., assignors to Socony-Vacuum Oil Company, Incorporated. Mineral oil compositions containing esters of reaction product of maleic anhydride and styrene. 2,570,846, Oct. 9.
Otto, Julian A.: *See*—
Gilbert, Everett E., and Otto.
Otto, Julian A., Long Island City, and E. E. Gilbert, assignors to Allied Chemical & Dye Corporation, New York, N. Y. Sulfonated alcohols. 2,571,286, Oct. 16.
Otto, Martin C.: *See*—
Hedstrom, Eric L., Otto, and Gooderham.
Otto, Raymond A., Gwynhurst, assignor of one-half to H. J. Heffelfinger, Claymont, Del. Machine for coating metal on metal pipes or tubing. 2,540,006, Jan. 30.
Otto, Thomas O., Miami, Beach, Fla. Rongeur. 2,566,626, Sept. 4.
Ottolenghi, Arturo B., assignor to Wedekind & C., Genoa, Italy. Evaporating plant operating by thermo-compression. 2,577,090, Dec. 4.
Ottoson, Oscar, New York, N. Y. Holder for double-edged razor blades. 2,549,229, Apr. 17.
Ouellet, Francois X., Beauportville, and A. Dorion, Quebec, Quebec, Canada. Grain car closure. 2,550,856, May 1.
Oughton, Charles D., Worthington, and W. E. Bixby, Columbus, Ohio, assignors, by mesne assignments, to The Haloid Company, Rochester, N. Y. Charging and exposing electrophotographic plates. 2,543,051, Feb. 27.
Oulianoff, George, Rimington, near Clitheroe, assignor to Rolls-Royce Limited, Derby, England. Burner assembly for the combustion chambers of internal-combustion turbines. 2,575,889, Nov. 20.
Ouriel, Charles, assignee: *See*—
Exibard, Charlotte.
Outboard, Marine & Manufacturing Company, assignee: *See*—
Irgens, Finn T.
Outland, Harold E.: *See*—
Bullock, Edward A., and Outland.
Ouweltjes, Jan L., Eindhoven, Netherlands, assignor to General Electric Company. Calcium silicate phosphor. 2,542,349, Feb. 20.
Ovens, William G., Ramsey, N. J., assignor to Wright Aeronautical Corporation. Air intake control apparatus for gas turbine power plants. 2,570,847, Oct. 9.
Over, Louise, Washington, Conn. Hospital bedpan mattress. 2,537,906, Jan. 9.
Over, Raymond R.: *See*—
Benton, Harold Z., and Over.
Overacker, Horace E., Los Altos, assignor to Hewlett-Packard Company, Palo Alto, Calif. Operating gear for tuning elements. 2,570,703, Oct. 9.
Overall, E. C., assignee: *See*—
Spivey, Frank L.
Overbaugh, Charles B., Denver, Colo. Standard for displaying price cards and the like. 2,550,857, May 1.
Overbaugh, Sidney C.: *See*—
Anderson, Arthur W., and Overbaugh.
Overbaugh, Walter V., Fishkill, assignor to The Texas Company, New York, N. Y. Separation of oil from wax. 2,571,752, Oct. 16.
Overbeek, Jan T. G.: *See*—
Kroger, Ferdinand A., and Overbeek.
Overbeke, John W., Cleveland, Ohio. Hydraulic fluid mechanism. 2,552,449, May 8.
Overbeke, John W., Cleveland, Ohio. Hydraulic fluid mechanism. 2,575,528, Nov. 20.
Overend, Linus P.: *See*—
Clark, Jesse H., Grahn, Overend, and Cole.
Overhead Door Corporation, assignee: *See*—
Blodgett, Herbert C.
Overhoff, Johan: *See*—
Kooijman, Eduard C., and Overhoff.
Overhoff, Johan, Amsterdam-Z, and J. T. Hackmann, Heiloo, assignors to N. V. Veenendaalsche Sajet-en Vijfschachtfabriek voorheen Wed. D. S. van Schuppen & Zoon, Veenendaal, Netherlands. Recovering sterols from mixtures thereof. 2,568,202, Sept. 18.
Overly Biochemical Research Foundation, Inc., The, assignee: *See*—
Wallerstein, James S., and Alba.
Overly, Charles D., assignor to Oliver Iron and Steel Corporation, Pittsburgh, Pa. Apparatus for arranging and delivering bolts or the like. 2,546,866, Mar. 27.
Overly, Elmer G., Oakmont, Pa. Package containing envelopes and writing paper. 2,551,390, May 1.
Overly Manufacturing Company, assignee: *See*—
Goodwin, John H.
Overman, Philip N., San Francisco, Calif. Portable stove. 2,552,861, May 15.
Overniter Manufacturing Corporation, assignee: *See*—
Grube, John H.
Overton, George W., and B. E. Spencer, assignors to Burgess Cellulose Company, Freeport, Ill. Artificial chamois skin and making the same. 2,540,906, Feb. 6.
Overton, John D., Arsenal, Ark. Fish lure. 2,561,750, July 24.
Overton, Willis E., Baltimore, Md. Applying markings to wrinkle finish coated bases. 2,538,378, Jan. 16.
Overturf, William E., Washington, Pa., assignor to Joy Manufacturing Company. Gearing for material loading apparatus. 2,559,829, July 10.
Owen, Bessie S.: *See*—
Miller, Beulah F., and Owen.
Owen, Dale H., Bay City, Mich. Child's training chair. 2,547,408, Apr. 3.
Owen, Ellie L.: *See*—
Martin, William J. B., Owen, and Brown.
Owen, Emily M., Easton, Pa., assignor to General Aniline & Film Corporation, New York, N. Y. Biocidal composition. 2,536,983, Jan. 2.
Owen, Emily M., Easton, Pa., assignor to General Aniline & Film Corporation, New York, N. Y. Fumigation process. 2,562,870, July 31.
Owen, Frank M., Houston, Tex. Joint breaker. 2,556,938, June 12.
Owen, George E., Downey, and H. L. Brendt, Long Beach, Calif. Safety device for polish rod mountings of deep well pumps. 2,577,479, Dec. 4.
Owen, Haddon S., assignor to Dennison Manufacturing Company, Framingham, Mass. Price ticket. 2,546,012, Mar. 20.

Owen, Harold R., Playa del Rey, assignor to Electrical Products Corporation, Los Angeles, Calif. Deck sign. 2,559,991, July 10.
Owen, Henry E. L., and H. T. Gurton, Chiswick Village, London, England. Distance measuring device and the like. 2,579,956, Dec. 25.
Owen, Herbert E., Tulsa, Okla., assignor to Standard Oil Development Company. Clamping device for force responsive elements. 2,560,366, July 10.
Owen, James R., Bartlesville, Okla., assignor to Phillips Petroleum Company. Producing butadiene. 2,554,054, May 22.
Owen, John J.: *See*—
Mertzweiller, Joseph K., and Owen.
Owen, Ronald V., Sale, England, assignor to Lever Brothers Company, Cambridge, Mass. Continuous method of washing soap. 2,562,207, July 31.
Owen, Ronald V., Sale, England, assignor to Lever Brothers Company, Cambridge, Mass. Continuous saponification of fats. 2,566,359, Sept. 4.
Owen, William E., Hamilton, Ontario, Canada. Apparatus for baking bread and similar food products. 2,575,291, Nov. 13.
Owen, William L.: *See*—
Wadsworth, Daniel V., and Owen.
Owen, William M.: *See*—
Cartwright, Robert B., and Owen.
Owens-Corning Fiberglas Corporation, assignee: *See*—
Fletcher, Ed.
Gorski, Florian T.
Lyon, Herman L., and Boeker.
McElroy, George S.
Meyer, Fred J., and Hammond.
Philipps, Thomas E.
Russell, Robert G., and Wiley.
Slayter, Games.
Slayter, Games, and Fletcher.
Stalego, Charles J.
Steinman, Robert.
Tallman, Anna S.
Tiede, Ralph L., and Tooley.
Tooley, Fay V.
Tooley, Fay V., and Russell.
Treat, Glenn H.
Trowbridge, William L.
Waggoner, Jack H.
Owens Brush Company, assignee: *See*—
Fuerst, Edwin W.
Owens, Freeman H., New York, N. Y. Projection machine. 2,539,521, Jan. 30.
Owens, Freeman H., New York, N. Y. Projection machine film drive and rewinding mechanism. 2,543,125, Feb. 27.
Owens, Freeman H., New York, N. Y. Record decoding, tabulation and analysis. 2,564,920, Aug. 21.
Owens, Harry S., Berkeley, and T. H. Schultz, Lafayette, Calif., assignors to the United States of America as represented by the Secretary of Agriculture. Polyvalent metal pectinate films and producing same. 2,542,052, Feb. 20.
Owens, Harry S., and W. D. Maclay, Berkeley, Calif., assignors to the United States of America as represented by the Secretary of Agriculture. Subtilin-pectin derivatives. 2,555,364, June 5.
Owens, Harry W., San Francisco, Calif., assignor to Mergenthaler Linotype Company. Spring engaged clutch for typographical machines. 2,569,573, Oct. 2.
Owens-Illinois Glass Company, assignee: *See*—
Balada, John.
Black, Harold R.
Black, Harold R., and Gagin.
Blumensaadt, Svend G., Neely, and Page.
Bowe, George R., Jr.
Buerger, Martin J., and Washken.
Busch, Frank B.
Gilbert, Clyde L.
Gillespie, Dwight E.
Heyne, Clarence A., and Johnson.
Hullhorst, William B., and Pim.
Kalousek, George L.
Kastel, Ferdinand.
Miller, Otto M.
Mooney, Thomas F., and Innes.
Randlett, Edward A.
Schmid, William.
Schutz, Harold R.
Selden, John K.
Shuman, Everett C.
Walker, George W.
Wheaton, Jack M.
Windus, Donald W.
Owens, James B.: *See*—
Marbury, Ralph E., and Owens.
Owens, James B., Pittsburgh, Pa., and W. E. Large, Tonawanda, N. Y., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Series capacitor protection. 2,547,228, Apr. 3.
Owens, James W., Beloit, Wis., assignor to Fairbanks, Morse & Co., Chicago, Ill. Vehicle underframe and fabrication of members thereof. 2,546,232, Mar. 27.
Owens, Jesse C., Los Angeles, Calif. Siphonic flushing apparatus. 2,549,383, Apr. 17.
Owens, Jesse C., Los Angeles, Calif. Flush tank control valve. 2,569,017, Sept. 25.
Owens, John J., Chicago, Ill., assignor to Johnnie Walkers Stores, Inc., Milwaukee, Wis. Trouser leg display apparatus. 2,543,298, Feb. 27.
Owens, Robert J., Jellico, Tenn. Burglar alarm switch. 2,554,588, May 29.
Owens, Robert S., Charlottesville, Va. Cork substitute and making same. 2,549,849, Apr. 24.
Owens, Roland: *See*—
Miner, William W., Jr., Ray, and Owens.
Owens, Thomas B., Barrington, assignor to Jewel Tea Co., Inc., Chicago, Ill. Indicator. 2,577,663, Dec. 4.
Owler, Robert N.: *See*—
Mosher, Chester L., and Owler.
Owner, Frank M., and F. C. I. Marchant, assignors to The Bristol Aeroplane Company Limited, Bristol, England. Gas turbine power plant. 2,567,079, Sept. 4.
Oxley, Horace F., and E. B. Thomas, Spondon, near Derby, England, and F. S. Nichols, Pittsfield, Mass., assignors to Celanese Corporation of America. Manufacture of primary amines. 2,550,020, Apr. 24.
Oxley, John H., Watertown, Mass. Box. 2,544,101, Mar. 6.
Oxygen Arc Equipment Co. Inc., assignee: *See*—
Barbeck, Peter.
Oyer, Georges, Paris, France. Mechanical press for pressure molding. 2,539,319, Jan. 23.
Oyler Motor Transit Company, The, assignee: *See*—
Harrah, George D.
Oys, John E., and A. H. Pinke, Hastings, Minn., assignors to Lowell Specialty Company, Lowell, Mich. Locking and release mechanism for pressure vessel closures. 2,544,854, Mar. 13.
Ozalid Company Limited, assignee: *See*—
Blick, Frank.
Ozarowski, Walter P., Devon, Conn. Windshield wiper. 2,576,077, Nov. 20.
Ozenberger, Irene, Kansas City, Mo. Combination apron and pot holder. 2,570,848, Oct. 9.
Ozlek, Leon F., Philadelphia, Pa. Pressed metal clothes hanger. 2,548,810, Apr. 10.
P. O. M. Company, assignee: *See*—
McGuire, Winston B.
P. W. Products Corporation, assignee: *See*—
Wilcox, Granville M., and D'Angelo.
Paardecamp, John B., Millburn, N. J. Animal scratch plate. 2,536,460, Jan. 2.
Paasche, Jens A., Chicago, Ill. Spray coating apparatus. 2,547,884, Apr. 3.
Paasche, Jens A., Chicago, Ill. Multicolor spray gun. 2,559,544, July 3.
Paasche, Jens A., Chicago, Ill. Moistening gun. 2,576,534, Nov. 27.
Paasche, Jens A., Wilmette, Ill. Automatic coating machine. 2,565,263, Aug. 21.
Pabco Products Inc., assignee: *See*—
Kurtz, Gerald T., and Groch.
Pabst, Arthur C., Douglaston, and R. J. Holzinger, New York, N. Y., assignors to Socony-Vacuum Oil Company, Incorporated. Polish. 2,561,816, July 24.
Pabst Brewing Company, assignee, *See*—
Hoogerheide, Johannes C., and Laughery.
Morrell, Samuel A., and Shovers.
Pacas, Manuel F., San Salvador, El Salvador. Power take-off mechanism. 2,539,589, Jan. 30.
Pace, Anderson, Jr., Buffalo, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Drawing formed structures of synthetic linear polyesters. 2,556,295, June 12.
Pace, Anderson, Jr., Evanston, Ill., assignor to E. I. du Pont de Nemours and Company, Wilmington, Del. Superstretching polyester structures. 2,578,899, Dec. 18.
Pace, Canio, Waterbury, Conn. Lightweight electric motor. 2,569,330, Sept. 25.
Pace, Charles N., and E. O. Decker, Cumberland, Wis. Artificial limb. 2,559,044, July 3.
Pace, Garland B., Camp Hill, Pa., assignor to Pipe Line Construction and Drilling Company, Pineville, W. Va. Combined rooter and trench forming plow. 2,558,692, June 26.
Pace, Ingram C., Livingston, Tex. Inhaler. 2,570,268, Oct. 9.
Pacent, Louis G.: *See*—
Schultz, Mortimer L., Pacent, and Batcher.
Pacey, John J., Springfield, assignor to Gilbert & Barker Manufacturing Company, West Springfield, Mass. Control valve and booster for lubricant nozzles. 2,579,754, Dec. 25.
Pachaly, Robert W., assignor to Standard Oil Company, Chicago, Ill. Apparatus for determining vapor pressure. 2,540,377, Feb. 6.
Pachmayr, Frank A., Culver City, and R. H. Stokes, Los Angeles, Calif. Telescopic sight mount. 2,571,935, Oct. 16.
Pachter, John J., Harvey, Ill. Wheel springing installation. 2,543,930, Mar. 6.
Pacific Can Company, assignee: *See*—
Lindeman, Philip F., and Simmen.
Pacific Car and Foundry Company, assignee: *See*—
Schou, Carl E.
Pacific Clay Products, assignee: *See*—
Jewell, Howard W.

Pacific Electric Manufacturing Corporation, assignee: *See*—
Ray, Charles R.
Thompson, Joseph S., and Ray.
Pacific Flush Tank Company, assignee: *See*—
Schlenz, Harry E.
Pacific Lumber Company, The, assignee: *See*—
Thompson, Clarence L.
Pacific Machinery Company, assignee: *See*—
Pillars, Harry M.
Thompson, Albert R.
Pacific Mills, assignee: *See*—
Dalton, John N., and Kaupin.
Musser, David M.
Ortstein, Herbert L.
Pacifico, Carl R.: *See*—
Robinette, Hillary, Jr., and Pacifico.
Package Devices, Inc., assignee: *See*—
Jesnig, Charles J.
Package Machinery Company, assignee: *See*—
Cornock, Edward F., and Roberts.
Gross, Frank C.
Lyon, Norman W.
Palmer, Charles E.
Palmer, Frank D.
Smith, Elmer L., Lyon, and Prince.
Packaged Gas Equipment Corporation, assignee: *See*—
Love, Fred G.
Packard, David: *See*—
Hewlett, William R., and Packard.
Varian, Russell H., and Packard.
Packard, Elon E., Los Angeles, Calif. Rivet. 2,569,826, Oct. 2.
Packard Motor Car Company, assignee: *See*—
Clifton, Robert P.
Ferguson, James R.
Frailing, Le Roy H.
Lawter, Curtis N.
Lucia, Carroll J.
McFarland, Forest R.
Vincent, Jesse G.
Weiss, Erwin A., and Frailing.
Williams, Robert M.
Packer, Glenn W., assignor to Goodman Manufacturing Company, Chicago, Ill. Shielded resistor unit. 2,562,940, Aug. 7.
Packer, Lewis C., Longmeadow, and G. E. Monchamp, Holyoke, Mass., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Testing rotors. 2,568,406, Sept. 18.
Packie, John W., Green Village, N. J., assignor to Standard Oil Development Company. Condensing vapor streams. 2,557,682, June 19.
Packie, John W., Maplewood, and C. O. Rhys, Jr., Cranford, N. J., assignors to Standard Oil Development Company. Entrainment separator. 2,547,769, Apr. 3.
Packwood, George H., Jr., St. Louis, Mo. Orifice guard construction for dispensers. 2,569,774, Oct. 2.
Pacurar, George, Montreal, Quebec, Canada. Switch signaling means. 2,546,610, Mar. 27.
Padbury, John J.: *See*—
Drechsel, Erhart K., and Padbury.
Kropa, Edward L., and Padbury.
Schneider, William C., and Padbury.
Padbury, John J., Stamford, Conn., and P. Tarrant, Alachua County, Fla., assignors to American Cyanamid Company, New York, N. Y. Preparing chlorofluoroethylenes. 2,566,807, Sept. 4.
Paddock, Harry E., and C. W. Lay, St. Louis, Mo. Telescoping metal awning. 2,563,547, Aug. 7.
Paddock Pool Maintenance Co., assignee: *See*—
Crawford, James B.
Padelford, Lester E., North Arlington, N. J. Electric toaster. 2,557,512, June 19.
Paden, Carter N., Chattanooga, Tenn. Bearing lubrication. 2,573,597, Oct. 30.
Paden, Charles G., Millerstown, assignor to Whirlaway Egg Washer Company, Harrisburg, Pa. Cleansing eggs in bulk. 2,576,236, Nov. 27.
Paden, Frederick T., United States Army, Collingswood, N. J. Hinge for trunks or lockers. 2,544,721, Mar. 13.
Paden, Frederick T., Collingswood, N. J. Folding altar. 2,547,966, Apr. 10.
Paden, Frederick T., Collingswood, N. J. Lining unit. 2,563,864, Aug. 14.
Paden, Joseph H.: *See*—
Mackay, Johnstone S., and Paden.
Paden, Joseph H., Stamford, Conn., and A. F. MacLean, Calallen, Tex., assignors to American Cyanamid Company, New York, N. Y. Dicyandiamide nitrate. 2,537,850, Jan. 9.
Paden, Joseph H., Stamford, and J. S. Mackay, Old Greenwich, Conn., assignors to American Cyanamid Company, New York, N. Y. Preparation of melamine. 2,566,227, Aug. 28.
Paden, Joseph H., Glenbrook, and J. S. Mackay, Greenwich, Conn., assignors to American Cyanamid Company, New York, N. Y. Preparation of melamine. 2,566,231, Aug. 28.
Padesky, Robert C.: *See*—
Russell, Carl M., and Symon, and Padesky.
Padevco, Inc., assignee: *See*—
Wilmotte, Raymond M., and Castle.
Padgett, Benjamin L., Washington, D. C. Chart display cabinet. 2,576,888, Nov. 27.
Padgett, Vernie G., assignor of twenty-five per cent to O. Roberts, Eldorado, Ill. Soap dish. 2,539,967, Jan. 30.
Padgett, Wright J., Wichita, Kans. Airplane anchor screw kit. 2,559,732, July 10.
Padjen, John A., Midvale, Utah. Wheel chair. 2,576,413, Nov. 27.
Paetsch, Francis J.: *See*—
Kurtz, Julius, and Paetsch.
Paff, Chester: *See*—
Sanders, Louis, and Paff.
Paff, George O., assignee: *See*—
Doschek, Antony.
Page, Ancel S., Portland, Oreg. Liquid or air cooled brake drum. 2,568,759, Sept. 25.
Page, Arthur W., Red Bank, N. J. Loud-speaker having auxiliary equipment disposed therein. 2,555,365, June 5.
Page, Earl B., Sacramento, and J. P. Vonich, Emeryville, Calif. Gunrack for automobiles. 2,552,293, May 8.
Page, Frank B.: *See*—
Burdett, Harry W., and Page.
Page, Herbert E., Dayton, Ohio. Hydraulic bumper jack. 2,577,539, Dec. 4.
Page, Irving, New York, N. Y. Automatic gas and electric pressure cooker. 2,537,695, Jan. 9.
Page, Irving H., Silver Spring, Md. Radio amplifier circuits. 2,543,797, Mar. 6.
Page, Irving H., Cheverly, Md. Wide range tuning circuit. 2,540,137, Feb. 6.
Page, Irving H., Silver Spring, Md. Radio chassis and tube socket. 2,551,630, May 8.
Page, Irving H. and R. M., Washington, D. C. Cathode-ray indicator. 2,537,081, Jan. 9.
Page, John E., West Cornwall, Conn., assignor, by mesne assignments, to Gibson Patent Containers, Ltd. Container construction. 2,577,148, Dec. 4.
Page, John H., assignor to The Shaw-Walker Company, Muskegon, Mich. Lock for cabinets. 2,547,486, Apr. 3.
Page, John H., assignor of an undivided interest to Shaw-Walker Company, Muskegon, Mich. Insulated posting tray cabinet. 2,569,254, Sept. 25.
Page, John S., assignor to Page Oil Tools Inc., Long Beach, Calif. Bottom hole separator. 2,549,706, Apr. 17.
Page, John S., assignor to Page Oil Tools Inc., Long Beach, Calif. Safety device. 2,564,171, Aug. 14.
Page, John S., assignor to Page Oil Tools Inc., Long Beach, Calif. Well equipment. 2,568,087, Sept. 18.
Page, John S., assignor to Page Oil Tools, Inc., Long Beach, Calif. Well packer. 2,568,295, Sept. 18.
Page, Joseph H., assignor of forty-five per cent to J. M. Walker and ten per cent to S. M. Hattaway, Houma, La. Retractible side wall core barrel. 2,577,625, Dec. 4.
Page Oil Tools Inc., assignee: *See*—
Page, John S.
Page, Philip, Ridgewood, N. Y. Treating food products. 2,539,157, Jan. 23.
Page, Ralph E.: *See*—
Beattie, Horace S., Page, and Rabenda.
Page, Richard W., Chappaqua, N. Y. Dental engine control. 2,542,833, Feb. 20.
Page, Richard W., Chappaqua, N. Y. Dental instrument. 2,551,458, May 1.
Page, Robert M.: *See*—
Page, Irving H. and R. M.
Young, Leo C., and Page.
Page, Robert M., Washington, D. C. Radio frequency pulse transmission. 2,541,092, Feb. 13.
Page, Robert M., Washington, D. C. Voltage converter system. 2,541,093, Feb. 13.
Page, Robert M., Washington, D. C. Precision range indicating system. 2,556,211, June 12.
Page, Robert M., Washington, D. C. Precision range indicating system. 2,556,212, June 12.
Page, Robert M., Washington, D. C. Sweep generation. 2,559,657, July 10.
Page, William, Appleton, Wis., assignor to Swigart Paper Co., Chicago, Ill. Tympan. 2,544,279, Mar. 6.
Pagendarm, Edward J., San Mateo, Calif., assignor to Bemiss-Jason Company. Carton folder. 2,580,189, Dec. 25.
Paget, Geoffrey W., London, assignor to The De Havilland Engine Company Limited, Stonegrove, Edgware, England. Forming molds for casting. 2,540,212, Feb. 6.
Paget, Win W., Michigan City, Ind., assignor to Joy Manufacturing Company. Pressure responsive means. 2,544,612, Mar. 6.
Paget, Win W., Michigan City, Ind., assignor to Joy Manufacturing Company. Fluid compressor. 2,545,791, Mar. 20.
Paget, Win W., Michigan City, Ind., assignor to Joy Manufacturing Company. Speed regulating mechanism. 2,546,611, Mar. 27.
Paget, Win W., Michigan City, Ind., assignor to Joy Manufacturing Company. Compressor regulator. 2,546,612, Mar. 27.
Paget, Win W., Michigan City, Ind., assignor to Joy Manufacturing Company. Controlling apparatus. 2,546,613, Mar. 27.
Paget, Win W., Michigan City, Ind., assignor to Joy Manufacturing Company. Pressure providing device. 2,547,169, Apr. 3.

Pagliuso, Robert J., Glendale, Calif. Shower head. 2,569,255, Sept. 25.
Pahal, William, East St. Louis, assignor to Leslie V. W. Schrader, Belleville, Ill. Terminal having lever clamping means to secure a conductor thereto. 2,572,753, Oct. 23.
Paige, Byron L., Camp Campbell, Ky. Pipe and cigarette lighter. 2,543,798, Mar. 6.
Paige, Isaac A., Chicago, Ill. Electric outlet and box construction. 2,556,977, June 12.
Paige, Isaac A., Chicago, Ill. Circuit breaker switch. 2,558,908, July 3.
Paige, Isaac A., Chicago, Ill. Outlet box connector. 2,564,341, Aug. 14.
Paige, Richard E., New York, N. Y. Packaging member. 2,563,132, Aug. 7.
Paige, Richard E., New York, N. Y. Double-walled collapsible carton. 2,577,588, Dec. 4.
Paige, Richard E., New York, N. Y. Combination carton and wrapper for fragile articles. 2,580,043, Dec. 25.
Paik, Arthur J., Berwyn, assignor to Abbott Laboratories, North Chicago, Ill. Mixing apparatus. 2,552,057, May 8.
Paillard (Paillard A. G., Paillard Limited), assignee: *See*—
Thévenaz, Jean.
Paillard S. A., assignee: *See*—
Aebi, Otto.
Gouffon, Jean-Jacques.
Guinchard, Eric.
Prezioso, Giuseppe.
Paillard S. A. Sainte-Croix, assignee: *See*—
Prezioso, Giuseppe.
Paille, Eugene, Seattle, Wash., assignor to General Controls Co., Glendale, Calif. Reset valve. 2,556,337, June 12.
Paine, George R., Pleasantville, N. Y., A. H. Frederick, Boston, Mass., and C. K. Gaertner, Scarsdale, N. Y., assignors to General Precision Laboratory Incorporated. Strip terminal connector. 2,566,425, Sept. 4.
Paine, Howard S., Dobbs Ferry, N. Y., and M. F. Hughes, Jersey City, N. J., assignors to Refined Syrups & Sugars, Inc., Yonkers, N. Y. Handling sugar. 2,546,179, Mar. 27.
Paine, Joseph P., Baltimore, and O. C. Zahnow, Baltimore County, assignors to The Glenn L. Martin Company, Middle River, Md. Pitot-static tube with airstream aligning means. 2,554,634, May 29.
Paine, Louis A., West Lafayette, assignor to Duncan Electric Manufacturing Company, La Fayette, Ind. Balanced thermal demand meter. 2,569,868, Oct. 2.
Paine, Stanley W. T.: *See* –
Seligman, Richard, and Paine.
Painter, Claude D., San Francisco, Calif. Folding box. 2,555,655, June 5.
Painter, Ernest O., Freedom, Pa. Inrush electric current control circuit recloser. 2,561,287, July 17.
Painter, John L., Jr., West Newton, Pa. Extension ladder. 2,559,992, July 10.
Painter, William B., Detroit, Mich. Silent urinal. 2,562,816, July 31.
Pairette Corsets, Inc., assignee: *See*—
Laguzzi, Mario.
Paist, Walter D.: *See*—
Horback, William B., and Paist.
Shugar, Gershon J., and Paist.
Pait, Graham, Bladenboro, assignor of one-fourth each to R. P. Hester and W. H. Hussey, Bladen County, N. C., and one-fourth to N. V. Lewis, Washington, D. C. Automatic winder machine attachment. 2,557,995, June 26.
Pajes, Wolf S., assignor to International Standard Electric Corporation, New York, N. Y. Radiation intensity modulator. 2,565,514, Aug. 28.
Pakswer, Serge, and J. J. Benes, Jr., assignors to Continental Electric Company, Geneva, Ill. Photocell. 2,538,588, Jan. 16.
Pakswer, Serge, Elmhurst, and A. W. Schmidt, Chicago, Ill., assignors to The Rauland Corporation. Making luminescent screens. 2,573,051, Oct. 30.
Palace Corporation, assignee: *See*—
Arehart, David D.
Paladino, Angelo R., Elmont, N. Y., assignor to The Englander Company, Inc., Chicago, Ill. Convertible chair bed. 2,556,703, June 12.
Palen, Mary F. J., Sayre, Pa., assignor to McKay Products Corporation, New York, N. Y. Undergarment. 2,558,099, June 26.
Palen, Peter H., Paterson, and H. W. Burdett, Glen Rock, N. J., assignors to Wright Aeronautical Corporation. Transmission. 2,544,542, Mar. 6.
Palensky, Agnes, Vermillion, S. Dak. Cooking utensil. 2,557,613, June 19.
Palermo, Blasey T., and S. C. McMillion, assignors to R. P. Scherer Corporation, Detroit, Mich. Treating gelatin capsules and product resulting therefrom. 2,578,943, Dec. 18.
Palermo, Dominic J., assignor to Victor Industries Corporation, Brooklyn, N. Y. Machine for straightening collapsible tubes. 2,553,534, May 15.
Palermo, Dominic J., assignor to Victor Industries Corporation, Brooklyn, N. Y. Apparatus for waxing collapsible tubes. 2,562,871, July 31.
Palfi, Andrew, Detroit, Mich. Aircraft propeller. 2,572,188, Oct. 23.
Palfi, Johann, Stroud, England. Starting device for internal-combustion engines. 2,568,359, Sept. 18.
Paljuk, Nicholas, Gloversville, N. Y. Combination glass and cigarette holder and ash tray. 2,567,345, Sept. 11.
Pall, David, New York, N. Y. Anisometric metallic filter. 2,554,343, May 22.
Pallas, Vernon R.: *See*—
Illmer, Louis, and Pallas.
Palluel, Pierre C., Paris, France, assignor to International Standard Electric Corporation, New York, N. Y. Electron multiplier with secondary emissive grids. 2,565,515, Aug. 28.
Palm, Clifford W.: *See*—
Novak, Izador J., and Palm.
Palm, George H., assignor to Stewart-Warner Corporation, Chicago, Ill. Hose reel. 2,568,929, Sept. 25.
Palm, John W., and J. A. King, Pawhuska, assignors to Cities Service Oil Company, Bartlesville, Okla. Solvent extraction of organic acids. 2,563,739, Aug. 7.
Palmatier, Everett P., Solvay, N. Y., assignor to Curtiss-Wright Corporation. System for supplying heated air for use on aircraft. 2,551,697, May 8.
Palmatier, Everett P., Solvay, N. Y., assignor to Curtiss-Wright Corporation. Deicing system for aircraft. 2,556,736, June 12.
Palmatier, Everett P., Solvay, assignor to Carrier Corporation, Syracuse, N. Y. System for refrigerating aircraft storage compartments. 2,561,633, July 24.
Palmatier, Everett P., Solvay, N. Y., and W. E. Bates, Little Falls, N. J., assignors to Curtiss-Wright Corporation. Anti-icing means for aircraft propeller blades. 2,541,661, Feb. 13.
Palme, Arthur, and C. H. Hannon, Pittsfield, Mass., assignors to General Electric Company. Electric switch contact. 2,547,658, Apr. 3.
Palme, Karl B., Stockholm, assignor to Aktiebolaget Bfors, Bofors, Sweden. Device for the remote transmission of rotary movements with correct angular displacement. 2,565,781, Aug. 28.
Palme, Karl B., assignor to Aktiebolaget Bofors, Bofors, Sweden. Rate control means for target trackers. 2,578,202, Dec. 11.
Palme, Karl B., and S. G. Gerdin, Bofors, Sweden. Apparatus for predicting the lateral and vertical angles of the future position of a moving target by geometrical analogue. 2,578,203, Dec. 11.
Palmer, Albert: *See*—
Bergstrom, Carl P., and Palmer.
Palmer, Alva L., Bayside, N. Y. Fluid fuel valve and flue damper control system for furnaces. 2,537,082, Jan. 9.
Palmer, Charles E., Glenview, Ill., assignor, by mesne assignments, to Package Machinery Company, East Longmeadow, Mass. Apparatus for applying adhesive to box blanks and the like. 2,549,000, Apr. 17.
Palmer, De Reath N., Painesville, Ohio. Wrench shank having springy-arm jaws cammed by slidable threaded-sleeve actuated by nut swiveling on shank. 2,561,407, July 24.
Palmer Electric & Manufacturing Co., The, assignee: *See*—
Breeze, George E.
Palmer, Everett S., Jr.: *See*—
Peterson, Ivan A., and Palmer.
Palmer, Frank D., Chicago, Ill., assignor, by mesne assignments, to Package Machinery Company, East Longmeadow, Mass. Box making, filling, and closing apparatus. 2,558,456, June 26.
Palmer, Frederick A., Wooster, Tex., assignor, by mesne assignments, to Standard Oil Development Company, Elizabeth, N. J. Shipping container. 2,570,070, Oct. 2.
Palmer, George H., Fanwood, assignor to The M. W. Kellogg Company, Jersey City, N. J. Fractionation of oleaginous materials. 2,546,132, Mar. 20.
Palmer, George J., Jr., Long Beach, Calif. Weight controller for conveyers. 2,553,719, May 22.
Palmer, George J., Jr., Long Beach, Calif. Defectively labeled and nonlabeled can detecting and rejecting device. 2,560,737, July 17.
Palmer, Jack E., Barberton, assignor of two-fifths to L. Helper, Akron, Ohio. Holder for compressible paste-dispensing or like tubes. 2,543,667, Feb. 27.
Palmer, James P., Ames, Iowa, assignor to General Precision Laboratory Incorporated. Servo system with saturable core component. 2,559,513, July 3.
Palmer, James P., Boston, Mass., assignor, by mesne assignments, to the United States of America as represented by the Secretary of the Navy. Stabilized frequency divider circuit. 2,537,696, Jan. 9.
Palmer, James R.: *See*—
Wasson, Orville, and Palmer.
Palmer, Jewell S., Baytown, Tex., assignor, by mesne assignments, to Standard Oil Development Company, Elizabeth, N. J. Device for controlling flow of solids in a powdered solid gas and gas contacting operation. 2,541,662, Feb. 13.
Palmer, Jewell S., Wooster, Tex., assignor to Standard Oil Development Company. Handling suspensions. 2,550,374, Apr. 24.
Palmer, John E., Calgary, Alberta, Canada. Spray nozzle and attachment. 2,544,176, Mar. 6.

Palmer, John H., Milford, Conn., assignor to General Electric Company. Toaster slice positioner. 2,538,650, Jan. 16.
Palmer, John H., Milford, Conn., assignor to General Electric Company. Automatic electric toaster. 2,566,904, Sept. 4.
Palmer, John H., Milford, Conn., assignor to General Electric Company. Automatic electric toaster. 2,566,905, Sept. 4.
Palmer, John P., assignor to The Palmer Welloct Tool Corporation, Meadville, Pa. Expansible sleeve anchoring device. 2,570,003, Oct. 2.
Palmer, Leon B., Kearny, and R. W. Charlton, Verona, N. J., assignors to Congoleum-Nairn Inc. Flexible, smooth surface coverings. 2,551,282, May 1.
Palmer, Lydalu B., Memphis, Tenn. Tatting accessory. 2,541,606, Feb. 13.
Palmer, Oscar C., Phoenix, Ariz. Air deflector. 2,561,591, July 24.
Palmer, Oscar C., Phoenix, Ariz. Evaporative cooler. 2,561,592, July 24.
Palmer, Ralph F., Montclair, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Stand for dress forms and the like. 2,552,811, May 15.
Palmer, Ralph L.: *See*—
Haddad, Jerrier A., and Palmer.
Palmer, Ralph L., Binghamton, and B. E. Phelps, Endicott, assignors to International Business Machines Corporation, New York, N. Y. Electronic accounting machine. 2,536,955, Jan. 2.
Palmer, Raymond, Pennington, N. J., assignor to The Continenal-Diamond Fibre Company, Newark, Del. Phenolic resin and making the same. 2,563,614, Aug. 7.
Palmer, Richard A. E., Alburg, Vt. Staple puller and insulator remover. 2,577,911, Dec. 11.
Palmer, Richard C. Nutley, assignor to Allen B. Du Mont Laboratories, Inc., Passaic, N. J. Electronic phase shifter. 2,563,954, Aug. 14.
Palmer, Richard T.: *See*—
Keene, Shefford L., and Palmer.
Palmer, Robert C., Jr., West Hartford, assignor to United Aircraft Corporation, East Hartfod, Conn. Water injection apparatus. 2,553,145, May 15.
Palmer, Robert T., Sharon, Mass., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Electrostatic precipitator. 2,579,440, Dec. 18.
Palmer, Robert T., Sharon, Mass., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Electrostatic precipitator. 2,579,441, Dec. 18.
Palmer, Vincent, Kansas City, Mo. Glass cutting apparatus. 2,569,256, Sept. 25.
Palmer, Walter E.: *See*—
Crecca, John D., and Palmer
Palmer Welloct Tool Corporation, The, assignee: *See*—
Palmer, John P.
Palmer, William B.: *See*—
Coultas, Wilbur J., Colvin, and Palmer.
Palmer, William C., assignee: *See*—
Schnepp, Ottmar.
Palmer, Winslow, West Hempstead, N. Y., assignor to The Sperry Corporation. Timing apparatus. 2,574,494, Nov. 13.
Palmgren, Per G., assignor to SKF Industries, Inc., Philadelphia, Pa. Spinning spindle assembly. 2,546,473, Mar. 27.
Palmgren, Nils A., assignor to Aktiebolaget Svenska Kullagerfabriken, Goteborg, Sweden. Double-row roller bearing. 2,577,589, Dec. 4.
Palmgren, Per Gunnar, Philadelphia, and A. S. Murray, Norristown, assignors to SKF Industries, Inc., Philadelphia, Pa. Tension pulley. 2,541,278, Feb. 13.
Palmieri, Salvatore J., Syracuse, N. Y. Restraining device for toilet seat covers. 2,558,578, June 26.
Palmquist, Marvin E., Cherry Valley, and E. W. Lundstrom, Rockford, Ill., assignors, by mesne assignments, to Trimble, Inc., Rochester, N. Y. Faucet hose temperature indicator. 2,578,587, Dec. 11.
Palmquist, Philip V., New Canada Township, Ramsey County, and D. J. Douglas, Mendota Township, Dakota County, assignors to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Adhesive. 2,543,799, Mar. 6.
Palmquist, Philip V., New Canada Township, Ramsey County, and R. E. Penrod, Minneapolis, assignors to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Reflex light reflector. 2,543,800, Mar. 6.
Palmquist, Philip V., Canada Township, Ramsey County, A. F. Schmelzle, and R. S. Bye, assignors to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Reflex-reflective sheet material useful for protective garments and the like. 2,567,233, Sept. 11.
Palmqvist, Fredrik T. E.: *See*—
Engel, Bruno K., and Palmqvist.
Palmqvist, Sven E. R., Orrefors, Sweden. Producing decorative bowl-shaped articles of glass by centrifugal action. 2,572,511, Oct. 23.
Pal-O-Pak Insulation Company, Inc., assignee: *See*—
Soulen, Peter J.
Palotsee, John J., Youngstown, Ohio. Hone. 2,543,193, Feb. 27.
Palotsee, John J., Youngstown, Ohio. Washer for articles or the like. 2,564,443, Aug. 14.
Palsson, Magnus P., Wenatchee, Wash. Bedclothes holder. 2,549,001, Apr. 17.
Paltz, Walter J.: *See*—
Green, Arthur D., and Paltz.
Paludan, Dan H., Copenhagen, Denmark. Pipe bowl cleaner. 2,559,994, July 10.
Palumbo, Giuseppe, Foggia, Italy. Fuel injection pump for internal-combustion engines. 2,555,930, June 5.
Palumbo, Vincent, Cleveland, Ohio. Machine for producing cam grooves or the like in cylindrical work. 2,541,480, Feb. 13.
Palumbo, Vincent E., Cleveland Heights, Ohio. Guiding and preventing lateral displacement of cam followers. 2,567,576, Sept. 11.
Pampallona, Vincent, New York, N. Y. Window latch. 2,552,646, May 15.
Pan, Wen Yuan, Collingswood, N. J., assignor to Radio Corporation of America. Gain control circuit. 2,536,886, Jan. 2.
Pan, Wen Y., Collingswood, N. J., assignor to Radio Corporation of America. Amplification and demodulation system. 2,553,672, May 22.
Pan, Wen Y., Collingswood, N. J., assignor to Radio Corporation of America. Permeability tuning system for superheterodyne receiver. 2,565,261, Aug. 21.
Pan, Wen Y., Collingswood, N. J., assignor to Radio Corporation of America. Signal detector circuit. 2,569,687, Oct. 2.
Pan American Refining Corporation, assignee: *See*—
Adams, Leon M., Brandt, Lee, and Wadsworth.
Lee, Robert J.
Lee, Robert J., and Drennan.
Lee, Robert J., and Reiff.
May, Paul D., Adams, and Lee.
Ridgway, John A., Jr., and Hill.
Pancake, Evan: *See*—
Lord, Arthur H., Jr., and Pancake.
Pancoast, John P.: *See*—
Herrick, John H., and Pancoast.
Pan-Continental Corporation, assignee: *See*—
Hollywood, Edwin L.
Pancratz, Frank J., Park Ridge, Ill. Bag forming and sealing machine. 2,559,368, July 3.
Pandazides, John P., assignee: *See*—
Emmanouilidis, Polychronis A.
Panepinto Mfg. Corp., assignee: *See*—
Pangborn, Stanley W.
Panes, Isidore, New York, N. Y. Brassière. 2,543,984, Mar. 6.
Panetta, Albert R.: *See*—
Gates, James T., Lister, and Panetta.
Panfil, Conrad J., Sr., assignor to The Heinn Company, Milwaukee, Wis. Multiple catalogue binder. 2,543,865, Mar. 6.
Panfil, Conrad J., Sr., assignor to The Heinn Company, Milwaukee, Wis. Removable loose-leaf binder. 2,543,866, Mar. 6.
Pangborn Corporation, assignee: *See*—
Gladfelter, Wiltie I.
Gladfelter, Wiltie I., and Garver.
Pangborn Manufacturing Co., assignee: *See*—
Catalano, Peter P., J. P., and F. P.
Pangborn, Stanley W., Glen Echo Heights, Md., assignor to Pangborn Manufacturing Co., Alexandria, Va. Venetian blind. 2,553,720, May 22.
Pangborn, Wallace S., Detroit, assignor to C. B. Kemp, Grosse Pointe, Mich. Adjustable sprinkler. 2,539,793, Jan. 30.
Pangborn, Wallace S., Detroit, Mich., assignor to C. B. Kemp, Grosse Pointe, Mich. Coupling. 2,565,572, Aug. 28.
Pangburn, Kenneth R., and E. T. Skomars, Duluth, Minn. Tape applicator. 2,560,241, July 10.
Panhandle Eastern Pipe Line Company, assignee: *See*—
Bergman, Stephen A.
Stephens, Dishman K.
Young, Farrile S.
Panhard, Paul, assignor to Société Anonyme des Anciens Etablissements Panhard & Levassor, Paris, France. Suspension for motor cars and the like. 2,556,630, June 12.
Panhard, Paul, assignor to Société Anonyme des Anciens Etablissements Panhard & Levassor, Paris, France. Valve return device. 2,579,608, Dec. 25.
Pankonin, Edward R., Newington, Conn. Ski rack. 2,546,233, Mar. 27.
Pannell, William M., and A. H. Shilling, assignors to Pye Limited, Cambridge, England. Making inductances. 2,552,999, May 15.
Pannier Bros. Stamp Co., assignee: *See*—
Davis, Bazil R.
Pannier, Ralph A.
Pannier, Ralph A., Pittsburgh, Pa., assignor to Pannier Bros. Stamp Company. Ink fountain. 2,537,851, Jan. 9.
Panofsky, Wolfgang K. H., and W. R. Baker, Alameda, Calif., assignors to the United States of America as represented by the United States Atomic Energy Commission. Apparatus for focusing high-energy particles. 2,574,655, Nov. 13.
Panogear Industries, assignee: *See*—
Fishter, Jacob F.
Panoramic Laboratories, assignee: *See*—
Heller, Joseph I.
Wallace, Marcel.
Panoramic Radio Corporation, assignee: *See*—
Wallace, Marcel.

Panosian, James S., assignor to Graflex, Inc., Rochester, N. Y. Film identifying means for photographic camera film holders. 2,552,905, May 15.
Panosian, James S., assignor to Graflex, Inc., Rochester, N. Y. Film holder for use in photographic cameras. 2,572,189, Oct. 23.
Pantex Manufacturing Corporation, assignee: *See*—
Lornitzo, Frank C.
Panzegrau, Norman O., Chicago, and R. T. Hendrickson, Hinsdale, Ill., assignors to International Harvester Company. Adapter frame for conversion of truck to bus chassis. 2,555,556, June 5.
Panzer, Allan, assignee: *See*—
Foltis, Anestis.
Panzer, William C., Chicago, Ill. Reel. 2,561,288, July 17.
Paoli, Stephen A., Rockford, Ill. Shrimp cleaning implement. 2,552,450, May 8.
Papa, Domenick: *See*—
Sperber, Nathan, Papa, and Schwenk.
Papa, Domenick, Brooklyn, and N. Sperber, Bronx, N. Y., and E. Schwenk, Montclair, assignors to Schering Corporation, Bloomfield, N. J. Alkyl-substituted carbamates. 2,536,079, Jan. 2.
Papa, Domenick, Brooklyn, N. Y., E. Schwenk, and E. Klingsberg, Montclair, assignors to Schering Corporation, Bloomfield, N. J. Halogenated hydroxystilbazoles and derivatives thereof. 2,558,777, July 3.
Papa, Domenick, Brooklyn, N. Y., and E. Schwenk, Montclair, assignors to Schering Corporation, Bloomfield, N. J. Fungistatic composition. 2,562,208, July 31.
Papa, Domenick, Brooklyn, N. Y., and N. Sperber, assignors to Schering Corporation, Bloomfield, N. J. Aminoalkyl ethers of pyridyl alkylene aryl compounds. 2,566,360, Sept. 4.
Papec Machine Company, assignee: *See*—
Van Sickle, Kenneth J.
Paper Patents Company, assignee: *See*—
Catlin, John B., and Wollwage.
Malmstrom, Homer E.
Minarik, Rudolf G., and Isakson.
Valente, John E.
Voigtman, Edward H., and Bletzinger.
Paper Strap, Inc., assignee: *See*—
Grant, Frank A.
Papesch, Viktor, Morton Grove, and E. F. Schroeder, assignors to G. D. Searle and Company, Chicago, Ill. 1,3 dialkyl-6-amino-1,2,3,4-tetrahydro-2,4-pyrimidinediones. 2,567,651, Sept. 11.
Papitto, Gene: *See*—
Lolli, John, and Papitto.
Pappazoglu, Constantin, Saint-Cloud, assignor to Compagnie Industrielle des Telephones, Paris, France. Rotary-switch stopping circuit. 2,579,333, Dec. 18.
Pappenfus, Ernest W., assignor to Collins Radio Company, Cedar Rapids, Iowa. Frequency-shift keying system. 2,572,512, Oct. 23.
Paquet, Maxime: *See*—
De Rohden, Charles, Kastner, and Paquet.
Paquin, Joseph N., Euclid, assignor to The Weatherhead Company, Cleveland, Ohio. Self-closing dispensing valve. 2,562,680, July 31.
Paquin, Joseph N., Euclid, assignor to The Weatherhead Company, Cleveland, Ohio. Hose coupling. 2,570,477, Oct. 3.
Para, John W., Elizabeth, assignor to David Kahn, Inc., North Bergen Township, Hudson County, N. J. Fountain pen. 2,548,906, Apr. 17.
Paradee, Sidney A.: *See*—
Haas, Frank C., Hetchler, and Paradee.
Paradis, Joseph R., Malden, Mass. Clothespin. 2,561,593, July 24.
Paradise, Lionel P., New York, and W. F. Auerbacher, Brooklyn, assignors to Radio-Television Institute, Inc., New York, N. Y. Regulated alternating current power supply. 2,540,213, Feb. 6.
Paradise, Moses L., Milwaukee, Wis. Curtain and drapery hanger. 2,544,177, Mar. 6.
Parage, Maurice A., Paris, assignor to Societe Generale d'Applications Electro-Thermiques, Boulogne-Billancourt, France. Induction furnace. 2,538,979, Jan. 23.
Paragon Electric Company, assignee: *See*—
Morrison, David.
Paragon Revolute Corporation, assignee: *See*—
Sullivan, Warren L.
Para-Lux Products Company, assignee: *See*—
Iverson, Arden L.
Paramount Manufacturing Co., assignee: *See*—
Smida, Luverne R.
Paramount Textile Machinery Co., assignee: *See*—
Richter, Henry.
Parcelle, Alvin J., assignee: *See*—
Boggs, Samuel D., Jr., and Handelman.
Pardee, Edwin C., Tifton, Ga. Wheel manipulating tool. 2,579,853, Dec. 25.
Pardee, William A.: *See*—
Warner, Benjamin R., and Pardee.
Pardee, William A., Fox Chapel, assignor to Gulf Research & Development Company, Pittsburgh, Pa. Reactivation of silica-alumina catalysts by silica addition. 2,579,123, Dec. 18.
Parducci, William J., assignor to Continental Aviation & Engineering Corporation, Detroit, Mich. Powder plant. 2,553,867, May 22.
Parducci, William J., assignor to Continental Aviation & Engineering Corporation, Detroit, Mich. Crankshaft constructon. 2,557,559, June 19.
Pardue, Louis A.: *See*—
Wollan, Ernest O., and Pardue.
Parduhn, Ewald H.: *See*—
Tyler, Ransom, and Parduhn.
Pardy, W. F. Preston: *See*—
Gogolick, Roland M., and Goldthwaite.
Pareto, Eugenio J., Barcelona, Spain. Process and projection means for obtaining stereoscopic drawings. 2,560,658, July 17.
Parham, William H., Eustis, Fla. Trailer brake actuator. 2,552,687, May 15.
Pari, Jack M., Cranford, N. J. Garment clasp. 2,579,694, Dec. 25.
Paridge, John K.: *See*—
Woodcock, Jack, and Paridge.
Parine, Angelo C., Detroit, Mich. Combination sausage steamer and bun warmer. 2,564,990, Aug. 21.
Paris, Auguste J., Jr., Bradford, Pa. Internal-combustion engine and operating same. 2,543,194, Feb. 27.
Paris, Surville J., Wausau, Wis. Attachment for fly and casting rods. 2,561,289, July 17.
Pariser, Sidney, New York, N. Y. Television antenna. 2,567,577, Sept. 11.
Parish, Frank P., assignor to Sanitary Products Corporation, Taneytown, Md. Withdrawal string connection for tampons. 2,553,000, May 15.
Parish Pressed Steel Co., assignee: *See*—
Cole, Nelson E.
Parisi, Charles W., Maywood, assignor to J. T. Parisi, doing business as Pekay Machine Co., Chicago, Ill. Articulated roller conveyer. 2,550,201, Apr. 24.
Parisi, Charles W., Maywood, assignor to J. T. Parisi, Chicago, Ill., doing business as Pekay Machine Company. Level indicator. 2,571,378, Oct. 16.
Parisi, Jules T., assignee: *See*—
Parisi, Charles W.
Parisi, Jules T., Chicago, Ill. Self-cleaning conveyer bucket. 2,545,377, Mar. 13.
Parisotto, Henry S., assignor of one-half to C. D'Amico, St. Louis, Mo. Combination oil can and light. 2,577,857, Dec. 11.
Park, Allan J., Lakewood, and M. J. Dobes, Euclid, assignors to The National Acme Company, Cleveland, Ohio. Solenoid actuated printing platen. 2,578,830, Dec. 18.
Park, Charles W., Oakland, and J. C. Kilpatrick, Berkeley, Calif., assignors to the United States of America as represented by the United States Atomic Energy Commission. Position indicating control apparatus. 2,562,637, July 31.
Park, Harold F.: *See*—
Bump, Charles K., and Park.
Fraser, George L., and Park.
Park, Harold F., East Longmeadow, Mass., assignor to Monsanto Chemical Company, St. Louis, Mo. Making conjugated diene copolymers. 2,569,688, Oct. 2.
Park, Harold F., East Longmeadow, Mass., assignor to Monsanto Chemical Company, St. Louis, Mo. Emulsion polymerization process. 2,580,315, Dec. 25.
Park, Harold F., East Longmeadow, and H. A. Walter, Longmeadow, Mass., assignors to Monsanto Chemical Company, St. Louis, Mo. Polymerization of ethylenically unsaturated compounds with cyanuric triazide catalyst. 2,579,442, Dec. 18.
Park, Joseph D.: *See*—
Benning, Anthony F., Park, and Krahler.
Park, Philip R., Inc., assignee: *See*—
Beckwith, Gertrude H., and Sutherland.
Park, Robert H., Pluckemin, N. J. Electric cooking apparatus. 2,543,052, Feb. 27.
Park, Robert H., Pluckemin, N. J. Antiwear device for the mooring cables of submarine mines. 2,578,735, Dec. 18.
Park, Robert H., West Hartford, Conn., assignor to American Cyanamid Company, New York, N. Y. Color predictor. 2,542,564, Feb. 20.
Park, Samuel R., Toledo, Ohio, assignor to W. E. Mallory & Company, Ann Arbor, Mich. Stabilizing sterile evaporated milk. 2,553,783, May 22.
Parke, Charles W., Burlington, Colo. Spring supported tractor seat. 2,558,151, June 26.
Parke, Davis & Company, assignee: *See*—
Bambas, Louis L.
Banks, Clarence K., and Controulis.
Bogin, Herman H.
Bogin, Herman H., and Feick.
Bogin, Herman H., and Jones.
Crooks, Harry M., Rebstock, Controulis, and Bartz.
Crooks, Harry M., Jr., Rebstock, Controulis, and Bartz.
Doub, Leonard.
Long, Loren M.
Long, Loren M., and Jenesel.
Long, Loren M., and Troutman.
Moersch, George W.
Moersch, George W., and Moore.
Moore, Allen C.
O'Dell, Boyd L.
Pfiffner, Joseph J.
Pollard, Cash B., and Wicker.
Rawlins, Albert L.
Rawlins, Albert L., and Crooks.

Parke, Davis & Company, assignee: *See*—Continued.
Rieveschl, George.
Rieveschl, George, and Coleman.
Rieveschl, George, Jr.
Schuler, Edward E.
Seegers, Walter H., Loomis, and Ware.
Sullivan, Marie-Jo.
Sweet, Leon A., and Tillitson.
Tillitson, Edward W.
Wagner, Romeo B., and Moore.
Wittle, Eugene L., and Moersch.

Parke, Robert M.: *See*—
Bens, Frederick P., Ham, and Parke.

Parke, Thomas V.: *See*—
Davis, William W., and Parke.

Parker Appliance Company, The, assignee: *See*—
Dahl, Carl P.
Davies, Robert H.
Hartley, Emmett C.
Hartley, Emmett C., and Dahl.
Hartley, Emmett C., and Wolfram.
Maky, Walter.
Parker, Arthur L.
Schmohl, Leland H.
Williams, Eugene D.

Parker, Arthur L., assignor to The Parker Appliance Company, Cleveland, Ohio. Shuttle valve. 2,551,045, May 1.

Parker, Barton W., Berkeley, Calif. Electronically operated soil sprinkling or irrigating system. 2,578,981, Dec. 18.

Parker, Bessie S., Royalston, Mass. Noninterceptive radio communication system. 2,545,894, Mar. 20.

Parker, Billy E., Quincy, Ill. Piezoelectric crystal and controlling its frequency response characteristics. 2,551,848, May 8.

Parker, Charles, Company, The, assignee: *See*—
Elsenheimer, Charles W.

Parker, Charles H., Jr., Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Preparing thermosetting urea-formaldehyde compositions. 2,544,351, Mar. 6.

Parker, Clarence O., Shawnee, Okla. Arm shackle. 2,559,514, July 3.

Parker, Clinton L., Indianapolis, Ind., assignor to Radio Corporation of America. Sound record from polyvinyl halide, butadiene-acrylonitrile rubber, and vinsol. 2,539,385, Jan. 30.

Parker, Clinton L., Indianapolis, Ind., assignor to Radio Corporation of America. Molded phonograph record containing vinyl chloride-vinyl acetate copolymer and a resinous extract of pinewood. 2,563,414, Aug. 7.

Parker, Davis J., assignee: *See*—
Potts, Myrle A.

Parker, Earl E.: *See*—
Billman, John H., and Parker.

Parker, Earl E., Milwaukee, Wis., assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Stabilization of copolymerizable polyestermonomer mixture by means of a salt of a substituted hydrazine. 2,570,269, Oct. 9.

Parker, Elgin R., assignee: *See*—
Maynard, James.

Parker, Elizabeth W., Washington, D. C. Measuring the pH of aqueous liquids, moist foodstuffs, and the like. 2,567,445, Sept. 11.

Parker, Emmett E., Farmington, assignor to Midwest Tool & Manufacturing Company, Detroit, Mich. Fixture for relief grinding of cutting tools. 2,538,651, Jan. 16.

Parker, Frank A., Jr., U. S. Navy. Flame igniter for jet propulsion units. 2,574,495, Nov. 13.

Parker, Frank M., Richmond, assignor to California Research Corporation, San Francisco, Calif. Dust recovery. 2,578,315, Dec. 11.

Parker, Frank W., Huntington, W. Va. Cradle. 2,548,811, Apr. 10.

Parker, George E., assignor to Woodward Governor Company, Rockford, Ill. Fluid pressure governor. 2,565,041, Aug. 21.

Parker, Glenn H.: *See*—
Woolson, Harry T., and Parker.

Parker, Howard A., Hammond, Ind., and G. W. Ritter, assignors to Standard Oil Company, Chicago, Ill. Mercaptan extraction system. 2,556,438, June 12.

Parker, Humphrey F.: *See*—
Robins, Erford E., and Parker.

Parker Industrial Products, Inc., assignee: *See*—
Hall, Jesse E.

Parker, J. Roy, assignee: *See*—
Parker, Laurie F., and Sharp.

Parker, James A., Miami, Fla. Two-in-one bed. 2,569,574, Oct. 2.

Parker, John B., assignee: *See*—
Parker, Laurie F., and Sharp.

Parker, John E. T.: *See*—
Terroni, Teseo B. D., and Parker.

Parker, John J., Detroit, Mich. Adjustable tooth gauge. 2,561,533, July 24.

Parker, John J., and L. T. Morawski, Detroit, Mich. Gauge for checking toothed machine elements, such as gears and splines. 2,561,534, July 24.

Parker, John W., Barrington, R. I., assignor to Brown & Sharpe Manufacturing Company. Thread construction. 2,555,243, May 29.

Parker, John W., West Barrington, R. I., assignor to Brown & Sharpe Manufacturing Company. Micrometer thimble. 2,563,061, Aug. 7.

Parker, Joseph A., assignee: *See*—
Ross, Edgar L.

Parker, Laurie F., deceased, Minden, by M. M. Webb, executrix, Shreveport, and A. J. Sharp, Minden, assignors to J. R. and J. B. Parker, Shreveport, La. Thread rolling machine for pipes. 2,548,444, Apr. 10.

Parker, Leland C., Elmira, N. Y., assignor to Bendix Aviation Corporation. Fuel supply system for internal-combustion engines. 2,576,853, Nov. 27.

Parker, Leo, San Diego, Calif., and C. R. Hopper, El Paso, Tex. Cover and lock for toilet flush tanks. 2,573,984, Nov. 6.

Parker, Leonard A., De Witt, Ark. Barbecue oven. 2,568,022, Sept. 18.

Parker, Lester J., Los Angeles, Calif. Combination brake and gas pedal for automobiles. 2,536,854, Jan. 2.

Parker, Louis W., Jackson Heights, assignor to Federal Telephone and Radio Corporation, New York, N. Y. Sweep generator. 2,562,941, Aug. 7.

Parker, Louis W., Little Neck, assignor to International Standard Electric Corporation, New York, N. Y. Television pulse and sound separator. 2,539,465, Jan. 30.

Parker, Louis W., Little Neck, assignor to International Standard Electric Corporation, New York, N. Y. Radiant energy high-temperature heating apparatus. 2,543,053, Feb. 27.

Parker, Louis W., Little Neck, N. Y. Sweep circuit for television receivers. 2,559,316, July 3.

Parker, Louis W., Little Neck, N. Y. Filament power supply system for radio receivers. 2,563,740, Aug. 7.

Parker, Marvin L., Detroit, Mich. Micrometer adjustment for lathe stops. 2,549,332, Apr. 17.

Parker, Melvin J.: *See*—
Turpin, Alexander J., and Parker.

Parker, Milton, and H. C. Bowden, Baltimore, Md. Freight car door fitting. 2,567,652, Sept. 11.

Parker, Norman W., assignor to Avco Manufacturing Corporation, Cincinnati, Ohio. Automatic frequency control circuit. 2,561,817, July 24.

Parker, Paul T., and G. O. Hillard, Jr., Baton Rouge, La., assignors to Standard Oil Development Company. Oxo synthesis process. 2,571,160, Oct. 16.

Parker Pen Company, The, assignee: *See*—
Harmon, Edward B.
Wittnebert Frederick R.

Parker, Ralph E., Wichita, Kans. Hot coffee dispenser. 2,569,257, Sept. 25.

Parker, Randal C., Hastings, Nebr. Powder charge weighing means. 2,539,030, Jan. 23.

Parker, Raymond, assignee: *See*—
Hendricks, Frank R.

Parker, Raymond H., Braintree, Mass. Liquid coating device. 2,573,052, Oct. 30.

Parker, Robert P., Somerville, G. R. Waitkins, Flemington, and F. H. Adams, Bound Brook, N. J., assignors to American Cyanamid Company, New York, N. Y. Acetoacetic-arylides. 2,542,565, Feb. 20.

Parker, Robert P., Somerville, and J. S. Webb, Bound Brook, N. J., assignors to American Cyanamid Company, New York, N. Y. Derivatives of v-triazolo (d) pyrimidine and preparing the same. 2,543,333, Feb. 27.

Parker, Robert P., Somerville, and J. S. Webb, Bound Brook, N. J., assignors to American Cyanamid Company, New York, N. Y. Substituted amino-nitroheterocycles and preparing the same. 2,574,155, Nov. 6.

Parker, Robert P., Somerville, and C. M. Hofmann, Bound Brook, N. J., assignors to American Cyanamid Company, New York, N. Y. Sulfonyl fluorides of amino azo dyestuffs. 2,576,037, Nov. 20.

Parker Rust Proof Company, assignee: *See*—
Amundsen, Paul.
Amundsen, Paul, and Henricks.
Gibson, Robert C.
Thompson, John S.

Parker, Stanley R.: *See*—
Clifton, John R., and Parker.

Parker, Stanley R., Los Angeles, assignor to Northrop Aircraft, Inc., Hawthorne, Calif. Tail wheel jack. 2,544,855, Mar. 13.

Parker, Sydney M., assignor to Automotive Products Company Limited, Leamington Spa, England. Fluid pressure remote control system. 2,580,122, Dec. 25.

Parker, Walter B., Keene, N. H. Making ply yarn. 2,552,210, May 8.

Parker, William N.: *See*—
Garner, Lloyd P., Parker, and Harbaugh.

Parker, William N., Lancaster, Pa., assignor to Radio Corporation of America. Applicator for radio-frequency heating. 2,545,106, Mar. 13.

Parker, William N., Lancaster, Pa., assignor to Radio Corporation of America. Making grid structures. 2,565,623, Aug. 28.

Parker, William N., Lancaster, M. V. Hoover, Mountville, Pa., and H. C. Vance, Maplewood, N. J., assignors to Radio Corporation of America. Electron tube protective system. 2,575,232, Nov. 13.

Parker, William R., San Francisco, Calif. Thimble guide valve. 2,576,965, Dec. 4.

Parkersburg Rig & Reel Company, The, assignee: *See*—
De La Mater, Robert G.

Parkes, James A., Birmingham, England. Pump connector. 2,544,764, Mar. 13.
Parkes, Ralph C., Glenside, Pa. Drying machine. 2,550,716, May 1.
Parkes, Ralph C., Glenside, and D. H. Colker, Philadelphia, Pa. Drying method and machine. 2,547,833, Apr. 3.
Parkhill-Wade, assignee: *See*—
Melsheimer, Theodore G.
Parkhurst, Cecil B., Grayville, Ill. Ventilator. 2,575,679, Nov. 20.
Parkhurst, Malcolm K.: *See*—
Kirk, Wayne C., and Parkhurst.
Parkhurst, Malcolm K., New York, N. Y., assignor to Control Products, Inc., Harrison, N. J. Thermal switch. 2,548,050, Apr. 10.
Parkin, Fremont P., and G. N. Walker, Minneapolis, Minn., assignors to Minnesota Paints, Inc. Purified oils and preparing same. 2,564,407, Aug. 14.
Parkinson, David B., Cleveland Heights, Ohio, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Counting circuit. 2,556,704, June 12.
Parkinson, Geoffrey B., Washington, D. C., assignor to The Minister of Supply in His Majesty's Government of the United Kingdom of Great Britain and Northern Ireland, London, England. Impulse generating system. 2,575,559, Nov. 20.
Parkinson, Percy E., Detroit, Mich. Thermostatic valve control for water heaters. 2,545,748, Mar. 20.
Parkinson, Russell W., Jackson, Mich. Deaerating hot well. 2,558,222, June 26.
Parks, Adolphus, Soulsbyville, Calif. Log turning device. 2,538,163, Jan. 16.
Parks, Arthur S., Sandwich, and B. C. Chandler, Waukegan, Ill., assignors to Sandwich R. V. Pump Co. Adjustable crankshaft bearing. 2,564,076, Aug. 14.
Parks, Asbury S., Houston, Tex. Control apparatus. 2,551,334, May 1.
Parks, Asbury S., Houston, Tex. Packing assembly. 2,567,527, Sept. 11.
Parks, Bert H., Buffalo, N. Y. Fishing reel. 2,553,784, Mar. 22.
Parks, Charles A., assignor of 50 percent to C. A. Parks, Jr., Anacortes, Wash. Center punch. 2,565,262, Aug. 21.
Parks, Charles A., Jr., assignee: *See*—
Parks, Charles A.
Parks, Charles O., East Norwalk, Conn., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Relay selecting and indicating circuit. 2,566,426, Sept. 4.
Parks, Howard: *See*
Kludt, Jonathan, and Parks.
Parks, James M., Oklahoma City, Okla. Automatic drain valve for air tanks. 2,548,236, Apr. 10.
Parks, James R.: *See*—
Parks, Walter A., and J. R.
Parks, John L.: *See*—
McLendon, Preston A., and Parks.
Parks, Regis E., Brooklyn, assignor to Spacarb, Inc., New York, N. Y. Beverage mixing device. 2,551,699, May 8.
Parks, Regis E., Brooklyn, assignor to Spacarb, Inc., New York, N. Y. Coin or check controlled liquid dispensing apparatus having directive indicators. 2,565,084, Aug. 21.
Parks, Regis E., Brooklyn, assignor to Spacarb, Inc., New York, N. Y. Cup guiding device. 2,571,479, Oct. 16.
Parks, Walter A., and J. R., assignors to F. A. Boucha, Milwaukee, Wis. Manufacturing connecting rods. 2,553,935, May 22.
Parkway Furniture Manufacturing Company, assignee: *See*—
Waxman, David.
Parlasca, Edwin W., Elgin, assignor to Chicago Metal Hose Corporation, Maywood, Ill. Flexible tubing unit. 2,565,184, Aug. 21.
Parmelee, Clifford H., assignor to Onondaga Pottery Company, Syracuse, N. Y. Ware drying apparatus. 2,573,217, Oct. 30.
Parmenter, Frank D., Toronto, Ontario, Canada. Tie rod for concrete forms. 2,546,043, Mar. 20.
Parmenter, Robert B., Louisville, Ky., and E. L. Marven, Floyds Knobs, Ind., assignors to The Girdler Corporation, Louisville, Ky. High-frequency dielectric heating. 2,564,579, Aug. 14.
Parmenter, William D., Terrace, British Columbia, Canada. Tractor winch. 2,545,895, Mar. 20.
Parmesan, Daniel J., assignor to Well Equipment Mfg. Corp., Houston, Tex. Pulley block adapter device. 2,576,355, Nov. 27.
Parmilleux, Jean, Lyon, France. Apparatus for the mechanical actuation of agricultural implements. 2,550,590, Apr. 24.
Parnell, James L., assignor to American Machinery Corporation, Orlando, Fla. Method of and apparatus for treating edible produce. 2,575,426, Nov. 20.
Parnell, William S.: *See*—
Taylor, John W., Jr., and Parnell.
Parnes, Abraham D., Perth Amboy, N. J. Male safety plug member. 2,537,370, Jan. 9.
Parnes, Morris, and A. Gruber, assignors to E. M. Feinberg, New York, N. Y. Hot water circulator. 2,574,587, Nov. 13.
Parody, Aubrey J., Astoria, N. Y. Device for automatically adjusting the diaphragm openings of cameras. 2,549,230, Apr. 17.
Parovel, Giovanni, Sacramento, Calif. Power-driven can opener. 2,554,265, May 22.
Parr, Edward L., Mason, Nev. Hinged, can puncturing, pitcher lid with extension forming and engaging handle. 2,537,544, Jan. 9.
Parr, Josephus O., Jr., assignor to O. S. Petty, San Antonio, Tex. Seismic surveying. 2,570,707, Oct. 9.
Parr, Peter, Cuba, Mo. Fishing tackle box. 2,551,283, May 1.
Parr, Thaddeus, assignor to The Pennsylvania Salt Manufacturing Company, Philadelphia, Pa. Insecticidal composition. 2,539,269, Jan. 23.
Parrelli, Benjamin F., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Making closed end shoes. 2,566,361, Sept. 4.
Parrett, Arthur N.: *See*—
Holloway, Judson H., Tabke, and Parrett.
Parrett, Arthur N., assignor to Rayonier Incorporated, Shelton, Wash. Wood pulp digestion. 2,564,028, Aug. 14.
Parrett, Dent: *See*—
Tiscornia, James W., Lucker, Parrett, Kershner, and Myers.
Parrett, John T., assignor to Raymond Concrete Pile Company, New York, N. Y. Apparatus and method for centrifugally molding tubular concrete elements. 2,550,858, May 1.
Parrigin, Homer P., and I. W. McAteer, Dallas, Tex. Handle with recess for pivoted blades. 2,559,993, July 10.
Parrish, Charles L., Stow, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Copolymers of an isoolefin and a vinyl cycloolefin. 2,568,656, Sept. 18.
Parrish, J. Russell, assignor to Meredith Publishing Company, Des Moines, Iowa. Printing plate lock-up device. 2,543,255, Feb. 27.
Parrish, Tom E., Beaumont, Tex. Automatic shutoff valve. 2,570,372, Oct. 9.
Parrish, Walter, Grosse Pointe Woods, Mich., assignor to Research Engineering Corporation. Reversing gear. 2,547,038, Apr. 3.
Parrish, Walter R., Fort Wayne, Ind. Making fishing pole joints. 2,564,921, Aug. 21.
Parrish, William, Hastings, and E. A. Hamacher, Irvington, assignors to Philips Laboratories, Inc., Irvington on Hudson, N. Y. X-ray diffraction method. 2,549,987, Apr. 24.
Parrott, Fleming, assignee: *See*—
Hartman, Leo L.
Parrott, Warley L.: *See*—
Huitt, Charles C., and Parrott.
Parrott, Warley L., Charlotte, N. C., assignor to Ecusta Paper Corporation. Bandage. 2,553,270, May 15.
Parry, Edryd G.: *See*—
Baird, William, Parry, and Thompson.
Parry, Robert D., Cincinnati, Ohio. Fishing cork. 2,537,235, Jan. 9.
Parry, Robert D., Cincinnati, Ohio. Fishing float. 2,576,237, Nov. 27.
Parry, Robert E., Martinsville, N. J., assignor to Johns-Manville Corporation, New York, N. Y. Structural unit and manufacture. 2,549,516, Apr. 17.
Parry, Vernon F., Golden, Colo. Carrying out endothermic chemical reactions. 2,539,466, Jan. 30.
Parry, Vernon F., Golden, Colo. Conducting an endothermic chemical reaction involving both gaseous and solid feed materials. 2,572,051, Oct. 23.
Parsberg, Erik R., assignor to Svenska Aktiebolaget Gasaccumulator, Lidingo, Sweden. Incandescent gas burner. 2,564,371, Aug. 14.
Parsegian, Vozcan L., Brooklyn, and M. Johnson, Jackson Heights, N. Y., assignors, by mesne assignments, to Weston Electrical Instrument Corporation, Newark, N. J. Galvanometer with laminated magnets and filar coil supension. 2,539,158, Jan. 23.
Parsons, Allison, assignee: *See*—
Schum, Ralph C.
Parsons, Ben G., Grosse Pointe, Mich. Fuel injection system. 2,576,694, Nov. 27.
Parsons Corporation, assignee: *See*—
Brogren, Axel V.
Parsons, John T., and Brogren.
Parsons, Don, assignee: *See*—
Truesdell, Robert S.
Parsons, Frederick L., Upper Montclair, N. J., assignor of one-half to W. J. Smith, Jr., New York, N. Y. Radio antenna. 2,537,481, Jan. 9.
Parsons, Frederick L., Upper Montclair, N. J. Electrical connector. 2,566,993, Sept. 4.
Parsons, George B., Roosevelt, assignor to American Car and Foundry Company, New York, N. Y. Resilient car wheel. 2,569,617, Oct. 2.
Parsons, Glenn W., assignor to A. E. Staley Manufacturing Company, Decatur, Ill. Penicillin production. 2,568,360, Sept. 18.
Parsons, Harry N., Chicago, Ill., assignor to International Harvester Company. Roller bearing. 2,540,283, Feb. 6.
Parsons, Herman G., Nashville, Ohio. Brush protector. 2,555,810, June 5.
Parsons, Horace S., Philadelphia, Pa. Toothbrush and dentifrice container unit. 2,579,695, Dec. 25.

Parsons, John B., Maumee, assignor to M. W. Fraser, Toledo, Ohio, trustee. Tube fitting assembly. 2,550,591, Apr. 24.
Parsons, John B., Maumee, Ohio. Rear flap operator for convertible tops. 2,564,446, Aug. 14.
Parsons, John B., Maumee, Ohio. Fluid conduit device for vehicle doors. 2,571,379, Oct. 16.
Parsons, John B., Toledo, Ohio. Window regulator mechanism. 2,551,545, May 1.
Parsons, John B., Toledo, Ohio. Window regulator mechanism. 2,556,737, June 12.
Parsons, John B., Toledo, Ohio. Window regulator. 2,560,976, July 17.
Parsons, John B., Toledo, Ohio. Control device for convertible tops. 2,564,444, Aug. 14.
Parsons, John B., Toledo, Ohio. Electrically driven pump and motor hydraulic system for vehicle window regulation. 2,564,445, Aug. 14.
Parsons, John B., Toledo, Ohio. Regulator mechanism. 2,566,745, Sept. 4.
Parsons, John B., Toledo, Ohio. Seat adjuster. 2,568,930, Sept. 25.
Parsons, John T., and E. R. Brogren, Traverse City, assignors, by mesne assignments, to Parsons Corporation, Detroit, Mich. Fixture for use in assembling structural parts upon a rotor blade spar. 2,549,002, Apr. 17.
Parsons, John W.: *See*—
Malina, Frank J., and Parsons.
Parsons, John W., Pasadena, assignor to Aerojet Engineering Corporation, Azusa, Calif. Rocket motor with solid propellant and propellant charge therefor. 2,563,265, Aug. 7.
Parsons, Lloyd V., Seattle, Wash. Layout and measuring device. 2,549,634, Apr. 17.
Parsons and Marine Engineering Turbine Research and Development Association, The, assignee: *See*—
Brown, Thomas W. F., and Yates.
Parsons, William L., Sr.: *See*—
Brockman, Emory W., and Parsons.
Partain, Oliver W., Tulsa, Okla. Puncturing and pouring device for sealed container, with spout and vent. 2,576,889, Nov. 27.
Partch, John G.: *See*—
Veatch, Franklin, and Partch.
Parthemos, Pete, assignee: *See*—
Stevens, George.
Parthum, Richard, Orholm, Denmark. Sinker carrier for flat knitting machines. 2,562,435, July 31.
Partin, Albert, Livingston, Mont. Smoking pipe. 2,561,751, July 24.
Partiot, Maurice, New York, N. Y. Collapsible wheeled vehicle. 2,558,909, July 3.
Parton, Charles H., Ossining, assignor to D. P. Harris Hdw. & Mfg. Co., Inc., New York, N. Y. Gun holster on bicycle tanks. 2,553,328, May 15.
Partridge, Everett P., Beaver, assignor to Hall Laboratories, Incorporated, Pittsburgh, Pa. Treatment of steam systems. 2,562,571, July 31.
Partridge, Harry F., Barberton, Ohio. Appliance for vibrating a safety razor. 2,552,688, May 15.
Partridge, William A.: *See*—
Howes, Donald A., Tait, Docksey, Birch, and Partridge.
Parva Products Company, assignee: *See*—
White, Paul W.
White, Paul W., and Schutz.
Parvin William R., New York, N. Y. Safe deposit box identifying means. 2,575,767, Nov. 20.
Parvis, George W., Jr., Philadelphia, Pa. Container closure. 2,579,156, Dec. 18.
Pascale, Morris: *See*—
Ambrosino, John, and Pascale.
Paschal, Guy, New York, N. Y. Picture frame. 2,540,907, Feb. 6.
Paschal, Guy S., Sarasota, Fla., assignor, by mesne assignments, to Airkem, Inc., New York, N. Y. Method and composition for the treatment of air. Re. 23,325, Jan. 9.
Paschis, James A., Sr., assignee: *See*—
Paschis, Victoria S.
Paschis, Victoria S., assignor of one-half to J. A. Paschis, Sr., East Vandergrift, Pa. Pie edge crimper. 2,577,032, Dec. 4.
Pascoe, Frank T., Carnegie, and A. L. Jerome, Edgewood, assignors to The Union Switch & Signal Company, Swissvale, Pa. Block indication apparatus for centralized traffic control systems of the normally inactive reversible coded track circuit type. 2,552,862, May 15.
Pascoe, Frank T., Carnegie, and A. L. Jerome, Edgewood, Pa., assignors to Westinghouse Air Brake Company. Centralized traffic control system for the code control of interlocked switches and signals. 2,576,038, Nov. 20.
Pascoe, George: *See*—
Pioch, William F., and Pascoe.
Pascoe, George, and D. Doig, Detroit, assignors to Ford Motor Company, Dearborn, Mich. Dynamic balancing machine. 2,536,566, Jan. 2.
Pascotto, Dante, New York, N. Y. Grinding, polishing, or surfacing machine. 2,578,588, Dec. 11.
Pashby, Robert W., Park Ridge, assignor to Club Aluminum Products Co., Chicago, Ill. Detachable handle for steak platters and the like. 2,574,411, Nov. 6.
Pask, Joseph A., and J. E. Schivaree, Bloomfield, N. J., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Making a glass-to-metal seal. 2,560,593, July 17.
Pask, Stanley J., Flushing, assignor to Stanley J. Pask Associates, Inc., New York, N. Y. Germicidal cabinet. 2,579,242, Dec. 18.
Pask, Stanley J., Associates, Inc., assignee: *See*—
Pask, Stanley J.
Pasko, Charles J., Elizabeth, N. J. Latching mechanism for securing freight bodies on vehicles. 2,539,201, Jan. 23.
Pasotti, Felice G., assignor to Ball Brothers Company, Muncie, Ind. Side-seal closure for containers. 2,540,007, Jan. 30.
Pasotti, Felice G., assignor to Ball Brothers Company, Incorporated, Muncie, Ind. Glue dispensing device. 2,540,008, Jan. 30.
Pasquale, Arthur, Providence, R. I., assignor to Coro, Inc. Pinlock. 2,554,055, May 22.
Pasquesi, Battista, assignor of one-half to A. Giorgi, Highwood, Ill. Comb for hair clippers. 2,577,357, Dec. 4.
Pasquet, Robert, Dammarie-les-Lys, France. Automatic photographic enlarging apparatus. 2,555,897, June 5.
Pass, Israel, assignor to Knapp-Monarch Co., St. Louis, Mo. Finned type heater. 2,562,436, July 31.
Pass, Sam, assignee: *See*—
Lenz, Lionel C.
Pass & Seymour, Inc., assignee: *See*—
Despard, Victor R.
Russell, Mark N., and Zimmerman.
Passal, Frank, Detroit, Mich. assignor to United Chromium, Incorporated, New York, N. Y. Electrolytic method of stripping nickel, chromium, copper, zinc, cadmium, silver, tin, and lead electrodeposits from ferrous basis metals, and compositions for use therein. 2,561,222, July 17.
Passarotti, Anthony, North Bergen, N. J. Brake holding attachment for motor vehicles. 2,537,697, Jan. 9.
Passe, Charles F.: *See*—
Bennett, Ralph S., and Passe.
Passino, Herbert J.: *See*—
McGrath, Henry G., Passino, and Rubin.
Passino, Herbert J., Englewood, assignor to The M. W. Kellogg Company, Jersey City, N. J. Alkylation of aromatic hydrocarbons. 2,545,671, Mar. 20.
Passino, Herbert J., Englewood, assignor to The M. W. Kellogg Company, Jersey City, N. J. Polymerization in the presence of a double fluoride catalyst. 2,546,930, Mar. 27.
Passino, Herbert J., Englewood, and R. M. Mantell, Newark, assignors to The M. W. Kellogg Company, Jersey City, N. J. Production of organo-tin compounds. 2,569,492, Oct. 2.
Pastell, Dewey, Winthrop Harbor, Ill. Toolholding spindle for die-lapping machines. 2,567,299, Sept. 11.
Pasternack, Richard: *See*—
Regna, Peter P., Solomons, and Pasternack.
Paston, David G., Brooklyn, N. Y. Wrist strap. 2,538,265, Jan. 16.
Pastor, Guillermo, La Paz, Bolivia. Apparatus for projecting three-dimensional photographs. 2,565,185, Aug. 21.
Patapsco and Back Rivers Railroad Company, assignee: *See*—
Jones, Henry C.
Patch, George W., Jr.: *See*—
Ahlstrand, Phillip M., and Patch.
Patch, William M., Santa Ana, Calif. Circulatory supply and drainage system for bathtubs. 2,575,636, Nov. 20.
Patchogue-Plymouth Mills Corporation, assignee: *See*—
Foderaro, Frank.
Petroske, John J.
Patek & Co., assignee: *See*—
Young, Charles G., and Holler.
"Patelhold" Patentverwertungs- & Elektro-Holding A. G., assignee: *See*—
Balduzzi, Franco.
Favre, Marcel G.
Guanella, Gustav.
Käch, Alfred, and de Quervain.
Lüdi, Fritz.
Von Baeyer, Hans J.
Patent Button Company, The, assignee: *See*—
Hatton, Arthur T., and Sprague.
Patent Chemicals Incorporated, assignees *See*—
Bamberger, Curt, and Orelup.
Patent Development Company, assignee: *See*—
McIntyre, Brouwer D., Smith, and Dutton.
Whisler, Ralph H., Jr.
Patent License Corporation, assignee: *See*—
Arenberg, Albert L., and Zimmerman.
Patent and Licensing Corporation, The, assignee: *See*—
Arcement, Louis M.
Cubberley, Richard H., and Dill.
Cubberley, Richard H., and Hartmann.
Cubberley, Richard H., Hill, and Mohr.
Kirkland, John B., and Lamm.
Lamm, Raymond R.
Lankau, Charles A., Leeks, and Marino.
Lyons, Richard T.
Munsell, Robert E.
Nall, Robert L.
Reeser, Harry C.

Patent Management, Incorporated, assignee: *See*—
Larson, Carl W.
Reger, Scott N.
Patent Scaffolding Co., Inc., The, assignee: *See*—
Meng, Victor W., and Huck.
Patented Plastics, Incorporated, assignee: *See*—
Thompson, Claud A.
Patentes Talgo, S. A., assignee: *See*—
MacVeigh, James.
Patents and Development, Inc., assignee: *See*—
Stenzel, Roy A.
Paterson, Adeline E. E., Chicago, Ill. Unidirectional restraining device for a fastening cord. 2,573,806, Nov. 6.
Paterson, Andrew: *See*—
Lilja, Ernest L., and Paterson.
Paterson, Andrew, assignor to Chamberlain, Inc., Chicago, Ill. Glass forming machine. 2,538,533, Jan. 16.
Paterson, Donald M., Temple, London, England. Photographic spool. 2,578,262, Dec. 11.
Paterson, Ira W., Milton, and J. F. Chipman, South Weymouth, Mass., assignors to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Fluid operating and braking system for circuit interrupters. 2,555,898, June 5.
Paterson, John C.: *See*—
Waller, Coy W., and Paterson.
Paterson Pacific Parchment Company, assignee: *See*—
Pedersen, Morris.
Paterson, William J., Newton Highlands, assignor to Lever Brothers Company, Cambridge, Mass. Hardening and decolorizing glyceride oils with nickel-alumina-silica catalysts. 2,566,362, Sept. 4.
Patoe, Edward, New York, N. Y. Sugar dispenser and strainer. 2,545,240, Mar. 13.
Paton, Clyde R., Bloomfield Village, assignor to Ford Motor Company, Dearborn, Mich. Transmission. 2,549,125, Apr. 17.
Paton, Clyde R., Bloomfield Village, Mich. Motor vehicle. 2,549,925, Apr. 24.
"Patra" Patent-Administration and Trading Co., Vaduz Liechtenstein, assignee: *See*—
Florjancic, Peter.
Patriacco, Alfred: *See*—
Hickman, Augustus A., Henderson, and Patriacco.
Patrick, Audie R., Kansas City, Mo. Lock and compensator for hydraulic systems. 2,572,190, Oct. 23.
Patrick, Ben F., Knoxville, Tenn. Reclaiming machine. 2,553,936, May 22.
Patrick, Clarence W.: *See*—
Emerson, William S., and Patrick.
Kent, Floyd A., and Patrick.
Patrick, Isaac, assignor to Frederick Iron & Steel, Inc., Frederick, Md. Latch operated clutch and control. 2,570,849, Oct. 9.
Patrick, Joseph C., Morrisville, Pa., assignor to Thiokol Corporation. Polysulfide polymer. 2,553,206, May 15.
Patrick, Joseph C., Morrisville, Pa., and H. R. Ferguson, assignors to Thiokol Corporation, Trenton, N. J. Reaction of polycarboxylic acids and polythiols. 2,563,133, Aug. 7.
Patrick, Malcolm W., Lakewood, assignor to The S. K. Wellman Company, Cleveland, Ohio. Pressure relief valve. 2,572,816, Oct. 23.
Patrick, Tracy M., Jr.: *See*—
Emerson, William S., and Patrick.
Patrie, Jos, Chambery, assignor to Compagnie de Produits Chimiques et Electrometallurgiques Alais, Froges et Camargue, Paris, France. Electrolytically polishing aluminum and its alloys. 2,553,937, May 22.
Patrignani, Theofilo, Lecco, Italy. Cylinder lock. 2,552,294, May 8.
Patriquin, William G., assignor to The Gabriel Company, Cleveland, Ohio. Valve for shock absorbers. 2,576,637, Nov. 27.
Patt, Sylvester, Willoughby, Ohio. Dough forming machine. 2,566,628, Sept. 4.
Pattee, Ellis C., Cincinnati, Ohio, assignor to National Distillers Products Corp. Production of amino acids from protein. 2,555,276, May 29.
Pattee, Ellis C., Cincinnati, Ohio, assignor to National Distillers Products Corporation. Enhancing the feed value of distillers' slop. 2,567,258, Sept. 11.
Pattee, Ellis C., Cincinnati, Ohio, assignor to National Distillers Products Corp. Hydrolyzation of pentosan containing protein materials. 2,577,801, Dec. 11.
Patten, Bernard J., Norwood, assignor of one-half to P. H. Wenz, Dedham, Mass. Apparatus for releasably locking a gasoline pump or the like after each operation thereof. 2,547,967, Apr. 10.
Patten, Charles H., assignor to Traylor Engineering and Manufacturing Company, Allentown, Pa. Riding ring for rotary cylinders. 2,543,594, Feb. 27.
Patten, Charles H., assignor to Traylor Engineering and Manufacturing Company, Allentown, Pa. Riding ring for rotary cylinders. 2,543,595, Feb. 27.
Patten, Francis T. N., Dallas, Tex. Pressure applying and relieving device. 2,564,922, Aug. 21.
Patten, James S., Walnut Grove, Calif. Occupant propelled merry-go-round. 2,556,552, June 12.
Patten, Robert A., Seattle, Wash. Mechanism for sugarcane harvesting. 2,546,165, Mar. 27.
Patterson, C. J., Company, assignee: *See*—
Kimball, Charles N., Lewis, and Strecker.
Patterson, Charles E., Pacific Palisades, Calif. Tube coupling. 2,556,659, June 12.
Patterson, Donald G.: *See*—
Lindenfelser, Richard, and Patterson.
Patterson, Donald G., Darien, and W. F. Turner, Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Preparing surface finishings. 2,554,471, May 22.
Patterson, Edgar W., Downey, Calif. Eccentric crank pin mounting. 2,576,765, Nov. 27.
Patterson, Edie J., Stockton, Calif. Air conditioner for tractor cabs. 2,537,278, Jan. 9.
Patterson, Edward H., Jr., Menands, N. Y. Golf glove. 2,559,788, July 10.
Patterson, Edward H., Jr., Menands, N. Y. Golf glove. 2,566,580, Sept. 4.
Patterson Foundry & Machine Co., The, assignee: *See*—
Ford, Eardley H.
Patterson, Frederick J.: *See*—
Nill, Richard G., and Patterson.
Patterson, George H., Seattle, Wash. Fish plug. 2,547,279, Apr. 3.
Patterson, Gordon D., and H. M. Stark, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of shaped polyvinyl alcohol objects. 2,543,801, Mar. 6.
Patterson, John A.: *See*—
McCleary, Rush F., and Patterson.
Patterson, John A., Beverly, N. J., assignor to Standard Oil Development Company. Fractionation of low molecular weight component mixtures. 2,552,451, May 8.
Patterson, John A., Beverly, and J. P. Morgan, Maplewood, N. J., assignors to Standard Oil Development Company. Sorption of hydrocarbons by activated carbon. 2,571,936, Oct. 16.
Patterson, John L., J. E. Beach, and G. F. Feldbauer, Jr., assignors to Eastman Kodak Company, Rochester, N. Y. Purifying N-methyl-p-aminophenol. 2,559,896, July 10.
Patterson, Joseph C., Jr., Alexandria, Va. Ship roll energy device. 2,554,381, May 22.
Patterson, Joseph C., Jr., Washington, D. C. Control apparatus. 2,571,480, Oct. 16.
Patterson, Louis L., assignor to California Rotary Plow Company, Los Angeles, Calif. Rotary power-driven plow assembly. 2,554,498, May 29.
Patterson, Luther E., Covington, assignor of one-half to C. D. Gist, Dayton, Ohio. Woodworking machine with a swingably adjustable tool spindle. 2,577,206, Dec. 4.
Patterson, Martin C., Jr., Joplin, Mo. Pipe-cutting machine. 2,560,738, July 17.
Patterson, Morehead, New York, N. Y., assignor to American Machine & Foundry Company. Cigarette tobacco preparation and feeding. 2,570,270, Oct. 9.
Patterson, Ray A.: *See*—
Larson, Roy C., and Patterson.
Patterson, Robert, Memphis, Tenn., assignor of one-half to Ralph G. Reis, St. Louis, Mo. Insulator assembly. 2,565,698, Aug. 28.
Patterson, Robert, assignor to Multi Shingle Corporation, Memphis, Tenn. Shingle and shingle covering. 2,571,057, Oct. 9.
Patterson, Roy A., Vancouver, British Columbia, Canada. Hydraulic brake lining protector. 2,560,977, July 17.
Patterson, Roy I., Minneapolis, Minn. Automatic grain-cleaning boot for elevator legs. 2,552,812, May 15.
Patterson, Thomas R., Petaluma, Calif. Dispensing container. 2,537,545, Jan. 9.
Patterson, V. C., & Associates, Inc., assignee: *See*—
Ruff, Alonzo W.
Patterson, Velt C., assignor to York Corporation, York, Pa. Automatic freezing apparatus. 2,538,734, Jan. 16.
Patterson, Vivian A., Shreveport, La. Detachable button or ornament. 2,579,124, Dec. 18.
Patterson, Ward S., Chappaqua, N. Y., assignor to Combustion Engineering-Superheater, Inc. Waste heat boiler for natural gas processing systems. 2,552,505, May 8.
Patterson, Ward S., Chappaqua, N. Y., assignor to Combustion Engineering-Superheater, Inc. Forced circulation steam generator. 2,578,831, Dec. 18.
Patterson, William J., La Grange, assignor to Swift & Company, Chicago, Ill. Centrifugal egg separator. 2,548,812, Apr. 10.
Patterson, William R., Los Angeles, Calif., assignor to The National Supply Company, Pittsburgh, Pa. Ingot mold splash bowl. 2,572,754, Oct. 23.
Pattinson, George H., Staines, England. Housing for impact breaking or crushing machines. 2,568,203, Sept. 18.
Pattison, Donald R., and W. H. Lambert, Johnstown, and A. H. Phillips, Reading, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Excitation system. 2,568,407, Sept. 18.
Pattison, Grange K., assignor to Textile Mills Company, Chicago, Ill. Ironing board pad and cover. 2,554,344, May 22.
Pattison, Grange K., assignor to Textile Mills Company, Chicago, Ill. Flatiron cover and protector. 2,575,118, Nov. 13.
Patton, Charles C.: *See*—
Anderson, Carl M., Harris, and Patton.
Patton, Charles C., Port Caledonia, Cape Breton Island, Nova Scotia, Canada. Cutter. 2,563,741, Aug. 7.

Patton, Earl S., Salem, Oreg. Loading and unloading lift for truck bodies. 2,536,080, Jan. 2.
Patton, Fred J., assignee: *See*—
Patton, Matthew W.
Patton, John W., Philadelphia, Pa., assignor to American Car and Foundry Company, New York, N. Y. Berth structure. 2,541,540, Feb. 13.
Patton, John W., assignor to The Budd Company, Philadelphia, Pa. Sleeping car. 2,546,133, Mar. 20.
Patton, John W., Philadelphia, Pa., assignor to American Car and Foundry Company, New York, N. Y. Chair back handgrip. 2,564,924, Aug. 21.
Patton, John W., Philadelphia, Pa., assignor to American Car and Foundry Company, New York, N. Y. Locking device for sliding doors. 2,575,465, Nov. 20.
Patton, John W., Philadelphia, Pa., and R. G. Cudini, Birmingham, Mich.; said Patton assignor to American Car and Foundry Company, New York, N. Y., and said Cudini assignor to Moynahan Bronze Company, Detroit, Mich. Basin night latch. 2,552,058, May 8.
Patton, John W., Philadelphia, Pa., and C. W. Holland, Jr., New Milford, N. J., assignors to American Car and Foundry Company, New York, N. Y. Washbasin mounting. 2,564,923, Aug. 21.
Patton, Matthew W., Newberg, assignor of one-half to F. J. Patton, La Grande, Oreg. Pneumatic ground clearing machine. 2,561,882, July 24.
Patton, Winfred M., Chicago, Ill. Curling iron and pressing comb heater. 2,580,377, Dec. 25.
Pattyn, Pierre P., Detroit, Mich., assignor to Modern Products Corporation. Apparatus for producing notes and sounds of a musical character. 2,544,722, Mar. 13.
Patus, Alex, Jr., assignee: *See*—
Patus, Charles J.
Patus, Charles J., assignor of 24 percent to N. F. Patus and 24 percent to A. Patus, Jr., South Bend, Ind. Governor controlled injection means for internal-combustion engines. 2,565,516, Aug. 28.
Patus, Nandor F., assignee: *See*—
Patus, Charles J.
Patz, Louis, Kansas City, Mo. Musical book. 2,570,976, Oct. 9.
Patz, Paul, and E. A. Graetz, Pound, Wis. Chain link. 2,554,589, May 29.
Pauch, John E., Montreal, Quebec, Canada, assignor to Radio Corporation of America. Slotted prismatic antenna. 2,568,560, Sept. 18.
Paul, Carl H.: *See*—
Gardner, John R., Landen, Middleton, and Paul.
Rosen, Carl G. A., Maxwell, Paul, and Furstoss.
Paul, Charles J., New York, assignor of one-half to J. Messina, Brooklyn, N. Y. Carpet attaching strip and bracket. 2,563,615, Aug. 7.
Paul, Joseph H., Providence, R. I. Hair curler. 2,559,995, July 10.
Paul, Milton, Great Neck, N. Y. Telephone set shoulder clamp. 2,552,906, May 15.
Paul, Milton, Great Neck, N. Y. Nutcracker and ice crusher. 2,572,378, Oct. 23.
Paul, Robert H., Kollupitiya, Ceylon. Calculator. 2,564,991, Aug. 21.
Paul, Talbert W.: *See*—
Brown, Theophilus, and Paul.
Paul, Talbert W., assignor to Deere & Company, Moline, Ill. Break-back mower drive. 2,568,931, Sept. 25.
Paul, Talbert W., assignor to Deere & Company, Moline, Ill. Drive mechanism for vehicles and connected implements. 2,575,466, Nov. 20.
Paul, Wanda L., New York, N. Y. Envelope moistener. 2,572,513, Oct. 23.
Paŭl, Wilhelm H., and E. F. Trenkle, assignors to Badische Uhrenfabrik G. m. b. H., Furtwangen, Black Forest, Germany. Device for releasing acoustical time signals in clocks. 2,574,703, Nov. 13.
Paŭl, Wilhelm H., and E. F. Trenkle, assignors to Badische Uhrenfabrik G. m. b. H., Furtwangen, Black Forest, Germany. Mechanism for cuckoo clocks. 2,574,704, Nov. 13.
Paul, William R., Amarillo, Tex. Automatic pressure control system for pneumatic tires. 2,579,048, Dec. 18.
Paul, William V.: *See*—
Barlow, Almus C., and Paul.
Paules, Lemon B.: *See*—
Young, William M., and Paules.
Paulet, Armand R., Chicago, Ill., and C. R. Wheeler, Elkhorn, Wis. Photographic light control. 2,561,535, July 24.
Pauley, Robert D., and L. A. McCanna, assignors to Weyerhaeuser Timber Company, Longview, Wash. Barking logs. 2,576,966, Dec. 4.
Pauley, Robert D., Longview, and L. A. McCanna, Spokane, assignors to Weyerhaeuser Timber Company, Longview, Wash. Apparatus for removing bark from logs. 2,576,967, Dec. 4.
Paull, Harvey C., assignee: *See*—
Kurtz, Raymond W.
Paulsen, Clarence W., Taft, Calif. Pipe flow recording device. 2,557,007, June 12.
Paulsen, Clarence W., Taft, Calif. Tap for drums. 2,557,461, June 19.
Paulsen, Edward H.: *See*—
Welsberg, Samuel M., Paulsen, and Silbermann.
Paulsen, Edward H., deceased, White Plains, N. Y.; I. G. Paulsen, executrix of said E. H. Paulsen, assignor to H. N. Peavy, White Plains, N. Y. Snap-on dispensing closure for collapsible tubes. 2,542,350, Feb. 20.
Paulsen, Hans C.: *See*—
Griswold, Stanley M., and Paulsen.
Paulsen, Hans C., Medford, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Trimming machine. 2,564,718, Aug. 21.
Paulsen, Henry M., Long Beach, Calif. Heater having a helical fluid conveying coil. 2,566,627, Sept. 4.
Paulsen, Irene G., executrix: *See*—
Paulsen, Edward H.
Paulsen, Robert C., West Caldwell, N. J., assignor to International Business Machines Corporation, New York, N. Y. Polarity pulsing of triggers. 2,569,827, Oct. 2.
Paulshock, Marvin, assignor to E. I. du Pont de Nemours and Company, Wilmington, Del. Composition comprising 2-aliphatic-3-hydroxy-1,4 naphthoquinone and controlling mites and aphids. 2,572,946, Oct. 30.
Paulson, Bernard J., Waukesha, Wis. Vertical adjustment truck. 2,537,907, Jan. 9.
Paulson, Lewis, assignee: *See*—
Lewis, Oscar, and Kabisch.
Paulus, Charles L., Dayton, Ohio. Gyro stabilizer. 2,547,968, Apr. 10.
Pauly, Jacob L., Hasbrouck Heights, assignor to Bendix Aviation Corporation, Teterboro, N. J. Pressure actuated switch. 2,554,266, May 22.
Paus, Povel N., Rostockgarden, Drammen, Norway. Orthodontic apparatus. 2,580,042, Dec. 25.
Pavelka, Joseph, St. Louis, Mo. Apparatus and method for making connector bolts. 2,573,218, Oct. 30.
Pavelle Color Incorporated, assignee: *See*—
Varden, Lloyd E.
Rabinowitz, Jacob, and Zbell.
Pavey, Thomas F., and D. L. McDowell, Maricopa County, Ariz. Grandstand seat backrest. 2,558,315, June 26.
Pavkov, George, Doylestown, assignor to L. Brazelton, Cuyahoga Falls, Ohio. Tractor tire valve protector. 2,556,553, June 12.
Pavlik, Albert, assignee: *See*—
Rentschler, Mahlon J.
Pavlish, Arnold E.: *See*—
Dickey, Ralph L., Austin, and Pavlish.
Mockrin, Isadore, and Pavlish.
Pavlock, Edward T., Detroit, Mich. Treatment of metal-working tools. 2,575,427, Nov. 20.
Pawel, Morton T.: *See*—
Gee, Edwin A., and Pawel.
Pawelski, Adam, Brooklyn, N. Y. Magnifying loupe with reflector. 2,578,589, Dec. 11.
Pawelsky, Vernon R.: *See*—
Biermann, William A., and Pawelsky.
Pawelsky, Vernon R., L. V. McCarty, W. A. Biermann, and J. T. Dulak, Milwaukee County, Wis., assignors to A P Controls Corporation. Liquid flow control device. 2,575,560, Nov. 20.
Pawl, Walter S.: *See*—
Canazzi, Henry D., and Pawl.
Pawsat, Ruben L., Maysville, Ky. Steering fork. 2,561,710, July 24.
Paxson, Homer D., Salem, Ohio. Expansible mandrel. 2,566,629, Sept. 4.
Paxton, Charles E.: *See*—
Zimmer, John C., Duncan, and Paxton.
Paxton, Floyd G., and A. I. Obermiller, Riverside, Calif. Nail chuck. 2,557,757, June 19.
Paxton, Gerald C., assignor to General Mailing Machine Corporation, Sanger, Calif. Box framing machine. 2,557,889, June 19.
Paxton, William A., assignee: *See*—
Troden, Augustus C., and Hall.
Payant, Thomas J., Eastview, Ontario, Canada. Heating apparatus. 2,561290, July 17.
Payeur, Arsene H., Ann Arbor, Mich. Rotating pedestal table. 2,560,659, July 17.
Payne, Claude, Bicknell, Ind. Pickup implement. 2,575,561, Nov. 20.
Payne, Frank E., Glencoe, assignor to Crane Packing Company, Chicago, Ill. Rotary seal with O ring. 2,561,132, July 17.
Payne, Fred A., Jr., Los Angeles, Calif., assignor to North American Aviation, Inc. Closure operator and lock. 2,538,980, Jan. 23.
Payne, John W.: *See*—
Bodkin, Ernest A., and Payne.
Payne, Leonard S., Sarnia, Ontario, Canada, assignor to Standard Oil Development Company. Liquid gauging device. 2,577,590, Dec. 4.
Payne, Oscar V., Leicester, assignor to Crompton & Knowles Loom Works, Worcester, Mass. Tube frame for Axminster looms. 2,544,434, Mar. 6.
Payne, Oscar V., Leicester, assignor to Crompton & Knowles Loom Works, Worcester, Mass. Preparing yarn spools and tube frames for Axminster looms. 2,544,435, Mar. 6.
Payne, Oscar V., Leicester, assignor to Crompton & Knowles Loom Works, Worcester, Mass. Tube frame for Axminster looms. 2,577,265, Dec. 4.

Payne, Oscar V., Leicester, assignor to Crompton & Knowles Loom Works, Worcester, Mass. Axminster tube frame. 2,577,266, Dec. 4.
Payne, Oscar V., Leicester, assignor to Crompton & Knowles Loom Works, Worcester, Mass. Yarn guard for Axminster tube frames. 2,577,267, Dec. 4.
Payne, Pearson M., Denver, Colo. Froth flotation apparatus. 2,577,802, Dec. 11.
Payne, Thomas H., Los Angeles, Calif. Cartridge structure for toy guns. 2,539,968, Jan. 30.
Payne, Vic, Jr., assignee: *See*—
Compton, Henry P.
Payne, William H., La Grange, Ill. Means for automatically adjusting arc furnace electrodes. 2,541,887, Feb. 13.
Pay-Pull Manufacturing Co., Inc., assignee: *See*—
Gilbert, Isaac O.
Payson, Peter, assignor to Crucible Steel Company of America, New York, N. Y. High-strength nonmagnetic steels. 2,561,945, July 24.
Payson, Peter, assignor to Crucible Steel Company of America, New York, N. Y. Hardenable alloy steels resistant to softening at elevated temperatures. 2,565,264, Aug. 21.
Payson, Peter, assignor to Crucible Steel Company of America, New York, N. Y. Alloy steel having high strength at elevated temperature. 2,572,191, Oct. 23.
Payzant, Henry H., Seattle, Wash., assignor, by mesne assignments, to Timber Structures, Inc. Apparatus for scarfing board ends. 2,571,603, Oct. 16.
Payzant, Henry H., Seattle, Wash., assignor, by mesne assignments, to Timber Structures, Inc., Portland, Oreg. Manufacture of laminated wooden members. 2,571,604, Oct. 16.
Paz Anchorena, Arturo Z. *See*—
Pischek, Frierdich, Nagle, and Paz Anchorena.
Pazdernik, Edwin J., Campbell, Minn. Spring trailer coupler. 2,550,083, Apr. 24.
Peabody, Roger M.: *See*—
Maxim, Oren B., and Peabody.
Peacock, Finley C., and J. B. Engel, assignors to Bay West Paper Company, Green Bay, Wis. Towel cabinet. 2,569,828, Oct. 2.
Peacock, John D., Sr., Westville, N. J. Garment hanger. 2,558,910, July 3.
Peacock, Paul E., Jr., Westfield, N. J. Gas and air mixing apparatus. 2,570,373, Oct. 9.
Peake, John S.: *See*—
Moe, Clyde A., Peake, and Sermon.
Peake, Margaret B., Independence, Ohio. Sewing kit. 2,537,940, Jan. 9.
Peakes, Ralph W.: *See*—
Reichert, Joseph S., and Peakes.
Pealer, Robert B., Garrettsville, assignor to Beaver Pipe Tools, Inc., Warren, Ohio. Power drive. 2,578,316, Dec. 11.
Pealer, Robert B., Garrettsville, assignor to Beaver Pipe Tools, Inc, Warren, Ohio. Switch lock for power driven tools. 2,578,317, Dec. 11.
Pearce, George C., assignor to General Motors Corporation, Dayton, Ohio. Door counterbalance. 2,550,161, Apr. 24.
Pearce, George C., assignor to General Motors Corporation, Dayton, Ohio. Domestic appliance. 2,569,775, Oct. 2.
Pearce, George W., assignor to A. J. Logan Company, Pittsburgh, Pa. Laterally adjustable bed frame. 2,558,625, June 26.
Pearce, John W., assignor to The Hoover Company, North Canton, Ohio. Making suction cleaner hose. 2,551,631, May 8.
Pearce, Owen A.: *See*—
Jones, Eric W., and Pearce.
Pearce, Ralph R., Hampton, assignor to Electric & Musical Industries Limited, Hayes, England. Focusing coil for cathode-ray tubes. 2,550,592, Apr. 24.
Pearce, William L., Houston, Tex., Drill pipe support. 2,575,831, Nov. 20.
Pearcy, Elmer E., Jr., St. Louis, Mo. Pyrophoric lighter. 2,536,855, Jan. 2.
Pearl, Donald, and H. L. Seiden, assignors to R. T. Moloney, Chicago, Ill. Oscillating ball bumper and actuating mechanism. 2,551,698, May 8.
Pearl, Irwin A., Appleton, Wis., assignor, by mesne assignments, to Sulphite Products Corporation. Production of vanillic acid. 2,553,146, May 15.
Pearl, Irwin A., assignor, by mesne assignments, to Sulphite Products Corporation, Appleton, Wis. Filter for ultraviolet radiations. 2,568,760, Sept. 25.
Pearl, Morton S., Lancaster, Pa., assignor of fifty per cent to L. Mirsky. Nursing container. 2,558,195, June 26.
Pearl, Philip E., assignor of one-half to C. J. Kraemer, Toledo, Ohio. Lighter accessory. 2,538,627, Jan. 16.
Pearlman, Philip, Chicago, Ill., assignor to United States Barrel & Drum Corporation, New York, N. Y. System for testing closed receptacles for leaks. 2,573,053, Oct. 30.
Pearlstein, Joseph: *See*—
Morse, John W., and Pearlstein.
Pearne, Frank S., Alhambra, Calif. Automobile lift. 2,544,039, Mar. 6.
Pearne, Frederic A., Biggs, Calif. Vacuum header for
Marberg, Carl M., and Shields.
Pearsall, Harold C., Houston, Tex. Skimmer. 2,575,768, Nov. 20.
Pearse, Harvey A., Seattle, Wash. Mixing and diverter valve. 2,563,955, Aug. 14.
Pearse, John P.: *See*—
Drake, John L., and Pearse.
Pearse, John P., Swanton, assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Method and apparatus for contouring surfaces. 2,558,778, July 3.
Pearse, Rubee J., Raleigh, N. C. Portable fountain. 2,572,379, Oct. 23.
Pearson, Acy L., Memphis, Tenn. Tree moving apparatus. 2,545,241, Mar. 13.
Pearson, Charles R., Newington, Va. Dump rake. 2,573,054, Oct. 30.
Pearson, Donald G.: *See*—
Libby, Henry T., and Pearson.
Pearson, Eleanor L.: *See*—
Lindemann, Howard C., and Pearson.
Pearson, Erman A., Bothell, Wash., assignor to Research Corporation, New York, N. Y. Treatment of sugar process water. 2,560,125, July 10.
Pearson, Frank E., assignor to Cascade Manufacturing Company, Portland, Oreg. Spray booth. 2,545,672, Mar. 20.
Pearson, Frank G., Bryn Mawr, Pa., assignor to American Viscose Corporation, Wilmington, Del. Fluorine substituted amines. 2,558,875, July 3.
Pearson, Frithiof L., Saugus, and A. E. Spaulding, Lynn, Mass., assignors to General Electric Company. Automatic hardness tester. 2,554,206, May 22.
Pearson, Gerald L., Millington, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Semiconductor translator and making it. 2,560,594, July 17.
Pearson, Gerald L., Millington, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Magnetic field strength meter. 2,562,120, July 24.
Pearson, Harry A.: *See*—
Crownover, Joseph W., and Pearson.
Pearson, Ira J., Riverside, Calif. Connector for attaching back-splash panels to counter tops. 2,570,850, Oct. 9.
Pearson, John M., Swarthmore, assignor to Sun Oil Company, Philadelphia, Pa. Readily locatable magnetic godevil. 2,558,977, July 3.
Pearson, John M., Swarthmore, assignor to Sun Oil Company, Philadelphia, Pa. Flowmeter. 2,571,058, Oct. 9.
Pearson, Marcus H., Springville, Ala. Regulator for flow of material from a hopper. 2,549,126, Apr. 17.
Pearson, Maurice O.: *See*—
Hamon, Wesley M., and Pearson.
Pearson, Oke L., Chicago, Ill. Doll with movable parts. 2,548,237, Apr. 10.
Pearson, Oscar H., Lake Villa, Ill. Shears. 2,548,320, Apr. 10.
Pearson, Otto H., assignor to L. N. Strike, Salt Lake City, Utah. Rotatable buck reciprocating head pressing machine. 2,556,147, June 5.
Pearson, Paul E., assignor to Continental Can Company, Inc., New York, N. Y. Machine for packing small fish in cans. 2,578,833, Dec. 18.
Pearson, Paul E., New York, N. Y., and A. Treff, Chicago, Ill., assignors to Continental Can Company, Inc., New York, N. Y. Can body welding machine, including movable and rotatable electrode. 2,578,832, Dec. 18.
Pearson, Phillip, Winnipeg, Manitoba, Canada. Clip container for milk bottles. 2,556,439, June 12.
Pearson, Susan C., New York, N. Y. Flexible support for nursing bottles. 2,539,698, Jan. 30.
Pease, Charles H., Canaan, Conn., assignor of one-fourth to C. W. Carroll, Rochester, N. Y. Queen and drone trap. 2,578,634, Dec. 11.
Pease, Donald C., assignor to E. I. du Pont de Nemours and Company, Wilmington, Del. Preparation of long-chain esters and nitriles. 2,561,068, July 17.
Pease, Donald C., and J. A. Robertson, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Alpha, alpha'-azobis (alpha-arylnitriles). 2,565,573, Aug. 28.
Pease, Lionel, assignor to F. H. Draper, Seattle, Wash. Reversible speed-changing mechanism. 2,542,351, Feb. 20.
Pease, Lionel, assignor to F. H. Draper, Seattle, Wash. Reversible variable-speed and variable-torque transmission mechanism. 2,560,126, July 10.
Pease, Marshall C., III, Needham, assignor to Sylvania Electric Products Inc., Salem, Mass. Switch tube. 2,558,664, June 26.
Pease, Richard L., Wauwatosa, Wis. Receiving apparatus for radio signals. 2,544,102, Mar. 6.
Pease, William A., assignor to Surgical Appliance Industries, Inc., Cincinnati, Ohio. Truss pad. 2,557,309, June 19.
Peaslee, Lawrence R.: *See*—
Livingston, Orrin W., and Peaslee.
Peat, David B.: *See*—
Lovejoy, Kenneth F., and Peat.
Peavy, Claude C., Philadelphia, Pa., assignor to Houdry Process Corporation, Wilmington, Del. Catalyst regeneration. 2,561,408, July 24.
Peavy, Harry N., assignee: *See*—
Paulsen, Edward H.

Peboc Limited, assignee: *See*—
Pickholz, Siegfried, and Roberts.
Pech, Reuben J., assignee: *See*—
Kwitek, George M.
Pechacek, Charles A., Tucumcari, N. Mex. Dual wheel lug wrench. 2,574,156, Nov. 6.
Pecher, Albrecht, Orebro, Sweden. Pattern grading machine. 2,569,188, Sept. 25.
Pechiney Compagnie de Produits Chimiques et Electrometallurgiques, assignee: *See*—
Beja, Maurice.
Séon, Marius, and Raitzyn.
Zwilling, Jean-Paul, Bassoli, and Granger.
Pechner, Fritz E., New York, N. Y. Lathe fixture. 2,557,138, June 19.
Pechstein, Ernest B., Vista, Calif. Locking device for flexible tapes. 2,536,766, Jan. 2.
Pechstein, Ernest B., Vista, Calif. Rotary floodlight. 2,553,061, May 15.
Pechukas, Alphonse, Akron, Ohio, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Compounded rubber stock. 2,537,908, Jan. 9.
Pechukas, Alphonse, Akron, Ohio, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Producing sulfite esters. 2,553,721, May 22.
Pechukas, Alphonse, Akron, Ohio, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Rubber reinforcing pigment. 2,564,992, Aug. 21.
Pechukas, Alphonse, Akron, Ohio, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Production of sulfite esters. 2,576,138, Nov. 27.
Pechukas, Alphonse, Akron, Ohio, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Glycol bis-chlorosulfinates. 2,576,139, Nov. 27.
Pechy, William, Manasquan, N. J., assignor to American Can Company, New York, N. Y. Feeding mechanism for can ends. 2,539,467, Jan. 30.
Pechy, William, Manasquan, N. J., assignor to American Can Company, New York, N. Y. Article separating and feeding device. 2,542,053, Feb. 20.
Pechy, William, Manasquan, N. J., assignor to American Can Company, New York, N. Y. Sorting mechanism for blanks. 2,543,802, Mar. 6.
Pechy, William, Manasquan, N. J., assignor to American Can Company, New York, N. Y. Strip feeding machine having control for slack length in strips. 2,547,039, Apr. 3.
Peck, Alvin W.: *See*—
Garretson, Owen L., and Peck.
Peck, Alvin W., Bartlesville, Okla., assignor to Phillips Petroleum Company. Mobile vaporizer system. 2,548,051, Apr. 10.
Peck, Clarence E., Wilkinsburg, and J. G. Hoop, Pittsburgh, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Producing special heat-treating gaseous atmospheres. 2,546,013, Mar. 20.
Peck, David B., Williamstown, assignor to Sprague Electric Company, North Adams, Mass. Hermetically sealed adjustable device. 2,575,726, Nov. 20.
Peck, Donald S., Allentown, Pa., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electrode structure for glow discharge tubes. 2,560,347, July 10.
Peck, Donald S., Allentown, Pa., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Gaseous discharge device. 2,578,370, Dec. 11.
Peck, Dwight C., Bergenfield, assignor to The Egyptian Lacquer Manufacturing Company, Newark, N. J. High-density, free-flowing pigment bases. 2,544,636, Mar. 6.
Peck, Edson R., Evanston, Ill., assignor to Research Corporation, New York, N. Y. Interferometer with right-angle reflector surfaces at end of each divided beam. 2,571,937, Oct. 16.
Peck, Gordon V., assignor to P. R. Mallory & Co., Inc., Indianapolis, Ind. Condenser mounting clip. 2,541,828, Feb. 13.
Peck, Henry E., Fairport, assignor to McBean Research Corporation, Rochester, N. Y. Method and apparatus for drying gelatinous material. 2,546,867, Mar. 27.
Peck, Henry P., Cromwell, assignor of fifty per cent to S. Max, West Hartford, Conn. Door hinge arm. 2,545,378, Mar. 13.
Peck, Lawrence W., assignor to Peck's Products Company, St. Louis, Mo. Apparatus for applying lubricant to the surface of an endless conveyer. 2,548,739, Apr. 10.
Peck, Luman S., Franklin, N. C. Electric fan. 2,542,427, Feb. 20.
Peck, Robert L.: *See*—
Folkers, Karl A., and Peck.
Peck, Robert L., Plainfield, assignor to Merck & Co., Inc., Rahway, N. J. Chromatographic purification of streptomycin and streptothricin hydrochloride. 2,540,284, Feb. 6.
Peck, Robert L., Plainfield, assignor to Merck & Co., Inc., Rahway, N. J. Diamino and substituted diamino tetrahydroxy cyclohexanes. 2,557,560, June 19.
Peck, Samuel M., New York, N. Y. Dyeing animal fibers. 2,539,202, Jan. 23.
Peckat, Charles, Manufacturing Company, assignee: *See*—
Mueller, William A., and Peckat.
Squiers, Max U.
Peckat, Walter: *See*—
Mueller, William A., and Peckat.
Peckham, Joseph W., Cheshire, assignor to The Bristol Company, Waterbury, Conn. Dilatometer. 2,559,789, July 10.
Peckham, Orville K., Sonora, Calif. Reciprocating sheet feeding device. 2,561,223, July 17.
Peck's Products Company, assignee: *See*—
Peck, Lawrence W.
Pecoraro, Joseph N., trustee, assignee: *See*—
Seitz, Clifford P.
Pedatella, Frank, New Kensington, Pa. Intercommunication system. 2,561,946, July 24.
Peddicord, Loren C., Garden City, Kans. Sharpener for disk plows and the like. 2,541,829, Feb. 13.
Pedersen, Bernard G., San Francisco, Calif. Reinforced wrist watch band. 2,573,055, Oct. 30.
Pedersen, Birger T., Smestad, pr. Oslo, Norway. Transformer with regulable output current. 2,567,617, Sept. 11.
Pedersen, Elmer P., L. R., and K. E., Pipestone, Minn. Mailbox with door operated signal flag. 2,578,486, Dec. 11.
Pedersen, Hans V., Marshalltown, Iowa, assignor to Combustion Engineering-Superheater, Inc. Flash calcining furnace. 2,545,410, Mar. 13.
Pedersen, Hans V .F., Copenhagen, Denmark. Controlling cam. 2,546,560, Mar. 27.
Pedersen, Karl, assignor to Kobenhavens Pektinfabrik v. Karl Pedersen, Copenhagen, Denmark. Improving the solubility of lowmethoxyl pectin in liquids containing polyvalent metal ions, and pectin product suitable for making jellies with such liquids. 2,540,545, Feb. 6.
Pedersen, Kenneth E.: *See*—
Pedersen, Elmer P., L. R., and K. E.
Pedersen, Leo R.: *See*—
Pedersen, Elmer P., L. R., and K. E.
Pedersen, Mathias, Valley Stream, N. Y., assignor to American Machine & Foundry Company. Stitch handling mechanism for sewing machines. 2,565,320, Aug. 21.
Pedersen, Morris, San Francisco, Calif., assignor to Paterson Pacific Parchment Company. Chuck. 2,568,088, Sept. 18.
Pedersen, Peter F., Allen Park, Mich. Fireplace screen hanger. 2,549,850, Apr. 24.
Pedlow, George W.: *See*—
Wilkinson, Joseph M., Pedlow, and Kleinschmidt.
Pedlow, George W., Jr.: *See*—
Sargent, Donald E., and Pedlow.
Pedlow, George W., Jr., Easton, Pa., and C. S. Miner, Jr., Evanston, Ill., assignors to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Tertiary alkoxy amino silanes. 2,566,363, Sept. 4.
Pedlow, George W., Jr., Easton, Pa., and C. S. Miner, Jr., Winnetka, Ill., assignors to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Preparing organic polysilicates stable against hydrolysis. 2,566,364, Sept. 4.
Pedlow, George W., Jr., Easton, Pa., and C. S. Miner, Jr., Winnetka, Ill., assignors to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Organic orthosilicates stable against hydrolysis. 2,566,365, Sept. 4.
Pedlow, George W., Jr., and C. S. Miner, Jr., Evanston, Ill., assignors to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Tertiary-alkoxy chlorosilanes. 2,566,956, Sept. 4.
Pedlow, George W., Jr., Easton, Pa., and C. S. Miner, Jr., Winnetka, Ill., assignors to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Tertiary-alkoxy chlorosilanes. 2,566,957, Sept. 4.
Pedlow, George W., Jr., McElhattan, and F. W. Neumann, Phillipsburg, Pa., assignors to General Aniline & Film Corporation, New York, N. Y. 2,2′,4,4′-tetrahydroxybiphenyl coupling component for diazotype layers. 2,542,566, Feb. 20.
Pedlow, John W.: *See*—
Coleman, James W., Hall, Merion, Moss, and Pedlow.
McDermott, Henry J., and Pedlow.
Pedrick Tool & Machine Company, assignee: *See*—
Shaw, Ralph M., Jr.
Pedrini, Humbert G.: *See*—
Lapp, William A., and Pedrini.
Peebles, Ann R., executrix: *See*—
Peebles, George.
Peebles, David D.: *See*—
Sharp, Paul F., Peebles, Hawk, and Besemer.
Peebles, David D., Hillsborough, assignor to Golden State Company, Ltd., San Francisco, Calif. Producing sweetened condensed milk and similar products. 2,565,085, Aug. 21.
Peebles, David D., Hillsborough, assignor to Golden State Company, Ltd., San Francisco, Calif. Atomizing apparatus. 2,574,705, Nov. 13.
Peebles, David D., Hillsborough, P. D. Clary, Jr., Petaluma, and R. K. Meade, Santa Rosa, assignors to Western Condensing Company, San Francisco, Calif. Vegetable treatment process. 2,552,343, May 8.
Peebles, David D., Hillsborough, P. D. Clary, Jr., Petaluma, and R. K. Meade, Santa Rosa, assignors to Western Condensing Company, San Francisco, Calif. Vegetable treatment process. 2,559,459, July 3.
Peebles, David D., Hillsborough, Calif., and R. E. Meade, Appleton, Wis., assignors to Western Condensing Company, San Francisco, Calif. Spray drying equipment and method. 2,575,119, Nov. 13.

Peebles, David D., Hillsborough, P. D. Clary, Jr., Petaluna, and R. K. Meade, Santa Rosa, assignors to Western Condensing Company, San Francisco, Calif. Vegetable treatment process. 2,579,609, Dec. 25.
Peebles, David D., San Mateo, and G. P. Hensley, assignors to Golden State Company, Ltd., San Francisco, Calif. Apparatus for rapid solution and/or suspension of powdered solids. 2,580,316, Dec. 25.
Peebles, Edgar G., Los Angeles, Calif. Pendulum drift indicator. 2,563,359, Aug. 7.
Peebles, George, deceased, Hopatcong, N. J.; A. R. Peebles, executrix. Dereeling tension control. 2,562,990, Aug. 7.
Peebles, Walworth L.: *See*—
Lazell, Louise T., and Peebles.
Peebles, Woodrow W., Winston-Salem, N. C. Package inspecting machine using mirror structure. 2,568,461, Sept. 18.
Peek, Henry L., Boston, Mass., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Dumping valve for expediting reverse movements of fluid motors. 2,578,204, Dec. 11.
Peek, Sandford C., Jr., assignor to Sylvania Electric Products Inc., Salem, Mass. Low-current fuse. 2,548,491, Apr. 10.
Peel, George A., Livingston, Calif. Bean harvester catcher attachment. 2,575,120, Nov. 13.
Peelers, Incorporated, assignee: *See*—
Lapeyre, Fernand S., and J. M.
Lapeyre, Fernand S., J. M., III, and E. M.
Peelle, James F., Richmond, Ind. Universal formed metal door frame. 2,574,350, Nov. 6.
Peeples, Louis H., Tulsa, Okla. Gate. 2,538,470, Jan. 16.
Peeples, Maurice E., Kingsland, Ga. Multiangular miter attachment. 2,554,749, May 29.
Peeples, Maurice E., Kingsland, Ga. Combined square and compass. 2,560,127, July 10.
Peeps, Donald J., assignor to The De Vilbiss Company, Toledo, Ohio. Spray gun. 2,552,907, May 15.
Peeps, Donald J., assignor to The De Vilbiss Company, Toledo, Ohio. Pan greasing machine. 2,576,638, Nov. 27.
Peeps, Donald J., J. B. Schmitt, and C. C. Daggett, assignors to The De Vilbiss Company, Toledo, Ohio. Atomizer. 2,540,010, Jan. 30.
Peeps, George A., Jr., and R. J. Melcher, assignors to H. H. Buggie & Company, Toledo, Ohio. Rotary shaft seal. 2,552,689, May 15.
Peerco Corporation, assignee: *See*—
Marvin, Stanley, and Orth.
Peerless Electric Company, assignee: *See*—
Dameral, Ray C.
Peerless Equipment Company, assignee: *See*—
Kopper, Edward, and Radeke.
Jensen, Otto M.
Peerless Products, Inc., assignee: *See*—
Mayer, Julius M., and Snedden.
Peerless Sewing Machine Company, Inc., assignee: *See*—
Chinnici, Michael.
Peerless Tool & Engineering Company, assignee: *See*—
Lawrenz, Otto.
Peerless Tube Company, assignee: *See*—
Grosshans, George.
Remington, Frederic, and Tartaglia.
Peers, Granville C.: *See*—
Walsh, Allen A., and Peers.
Peery, John C., Milwaukie, Oreg. Collapsible stand. 2,575,593, Nov. 20.
Peery, Norman E., San Francisco, D. L. Cleveland, and J. A. Hatton, Long Beach, assignors to Shell Development Company, San Francisco, Calif. Separation method. 2,556,483, June 12.
Peery, William W., Denver, Colo. Beach bag and canopy. 2,543,597, Feb. 27.
Peets, Wilbur J., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Sewing-machine cabinet. 2,565,456, Aug. 21.
Peevey, Lafayette H., Alameda, Calif. Duplicating machine. 2,539,969, Jan. 30.
Peffer, Alrid B., assignor to Imperial Machine Company, Philadelphia, Pa. Brush and spindle construction for pan greasing machines. 2,547,091, Apr. 3.
Pegard, Marcel, Paris, France. Machine tool. 2,554,207, May 22.
Pegg, Samuel & Son, assignee: *See*—
Helliwell, Guy S., and Swindall.
Pegrum, Donald H., Enfield, England. Method of and apparatus for producing sound waves from vibrating strings. 2,561,883, July 24.
Peguero, Lawrence O., Beaumont, Tex. Bobby-pin dispenser and spreader. 2,571,481, Oct. 16.
Pehrsson, Johan, Stockholm, Sweden. Slidable side jaw socket wrench. 2,562,060, July 24.
Peigney, Maurice, Chateau-Thierry, France, assignor to Caoutchouc Industriel et Derives "Cid," Geneva, Switzerland. Apparatus for retreading pneumatic tires. 2,553,722, May 22.
Peik, Paul G., assignor to T. L. Fawick, Akron, Ohio. Sound-deadening structure. 2,542,428, Feb. 20.
Peik, Paul G., Cuyahoga Falls, assignor to T. L. Fawick, Akron, Ohio. Sound-deadening unit. 2,573,482, Oct. 30.
Peiler, Karl E., West Hartford, assignor to Hartford-Empire Company, Hartford, Conn. Treating annealed glass ware before complete cooling thereof. 2,539,159, Jan. 23.
Peirce, Lawrence C., assignor of one-half to I. R. Epperson, Grand Junction, Colo. Adjustable ripper tooth for bulldozers. 2,536,308, Jan. 2.
Peirce, Walter T., Worcester, Mass., assignor to The American Steel and Wire Company of New Jersey. Method and apparatus for continuously vulcanizing the rubber covering of conductors. 2,553,938, May 22.
Pejsek, Antonin, assignee: *See*—
Stolle, Frantisek, and Hermann.
Stolle, Frantisek, and Herman.
Pekar, Frank J., Bethpage, N. Y. Computator. 2,558,457, June 26.
Pekar, Joseph C., Bedford, and J. P. Hird, Lakewood, assignors to Kep-Dri Corporation, Cleveland, Ohio. Purger. 2,580,317, Dec. 25.
Pekay Machine Company, assignee: *See*—
Parisi, Charles W.
Pekol, Edward J.: *See*—
Seale, Ray, and Pekol.
Pelant, Vilibald, Liberec, Czechoslovakia. Test insertion for the checking of the correct shape of the inner and outer treading area of footwear. 2,574,056, Nov. 6.
Pellat-Finet, Jean-Louis, and M. Riffet, Lyon, France, assignors to R. O. B. E. S. A., Geneva, Switzerland. Twister spindle. 2,541,541, Feb. 13.
Pellé, Pierre, Arcueil, France. Oscillator starting system. 2,553,468, May 15.
Pellegrin, Elmer D., Woodstock, Ill., assignor to Detroit Michigan Stove Company, Detroit, Mich. Fence or splash back for stoves and ranges. 2,556,554, June 12.
Pelletier, Roger, Seaford Harbor, N. Y. Cutout switch for batteries or the like. 2,570,704, Oct. 9.
Pelletier, Roger, Seaford, N. Y. Guard for sewing machines. 2,570,705, Oct. 9.
Pellettere, Joseph A., assignor to Gulf Oil Corporation, Pittsburgh, Pa. Fractional distillation. 2,553,469, May 15.
Pellissier, George E.: *See*—
McCartney, Raymond F., Pellisier, and Wicker.
Pellissier, Jonas & Rivet, Incorporated, assignee: *See*—
Harvey, Adelbert W., and Deardorff.
Pellon, George R.: *See*—
Shenk, Wilbur J., Jr., and Pellon.
Pelouch, James J.: *See*—
Schultz, Paul I., and Pelouch.
Pelouch, James J., assignor, by mesne assignments, to H. C. Schott, Cleveland, Ohio. Axle engaging means for vehicle hoists. 2,577,376, Dec. 4.
Pelouze Manufacturing Co., assignee: *See*—
Rundquist, Roy O.
Peltier, Frank D., Jenkintown, and M. C. Terry, Rydal, assignors to Philco Corporation, Philadelphia, Pa. Refrigeration apparatus with crating means. 2,551,284, May 1.
Peltier, Louis B., Jr., Columbus, Ohio, assignor to Curtiss-Wright Corporation. Rescue apparatus. 2,553,207, May 15.
Pelto, Edward A., Sault Ste. Marie, Mich. Gun support. 2,543,703, Feb. 27.
Pelton, Earl L., assignor to The Dow Chemical Company, Midland, Mich. Preparation of 2-(2-cycloalkenyl) cycloalkanols. 2,576,078, Nov. 20.
Pelton, Earl L., and A. A. Holzschuh, assignors to The Dow Chemical Company, Midland, Mich. Alpha-alkyl,4-alkyl cyclohexylbutyric acids. 2,560,242, July 10.
Pelton, Earl L., G. C. Wiggins, and G. M. Corbett, assignors to The Dow Chemical Company, Midland, Mich. Bicyclooctane acetic acid and esters thereof. 2,567,026, Sept. 4.
Pelton, John F., Kenmore, and T. F. Hart, Buffalo, N. Y., assignors, by mesne assignments, to Union Carbide and Carbon Corporation. Corundum phonograph needle and sound reproducing apparatus embodying same. 2,577,149, Dec. 4.
Pelton, Robert S., Palm Beach, Fla. Collapsible shelter. 2,547,770, Apr. 3.
Pelton, Russell G., Alexandria, Va. Radio pulse-echo automatic control system. 2,552,579, May 15.
Pelton Water Wheel Company, The, assignee: *See*—
Alward, Leroy D.
Arata, George V.
Boyle, William F.
White, Ira M.
White, Ira M., and Bacchi.
Peltz, Gordon M.: *See*—
Teague, Walter D., Peltz, and Hubbinette.
Peluse, Vincent A., Poughkeepsie, N. Y. Gear-operated, angularly adjustable wrench, screw driver, or similar device. 2,570,706, Oct. 9.
Pelzer, Harry L., Steger, Ill., assignor to Sinclair Refining Company, New York, N. Y. Catalytic conversion of hydrocarbons. 2,546,234, Mar. 27.
Pelzer, Harry L., Steger, Ill., assignor to Sinclair Refining Company, New York, N. Y. Catalytic conversion of hydrocarbons. 2,546,235, Mar. 27.
Pelzer, Harry L., Steger, Ill., assignor to Sinclair Refining Company, New York, N. Y. Conversion of hydrocarbons using ammonium iodide catalyst. 2,546,272, Mar. 27.

Pelzer, Harry L., Steger, Ill., and K. M. Watson, Madison, Wis., assignors to Sinclair Refining Company, New York, N. Y. Catalytic cracking of hydrocarbons. 2,550,290, Apr. 24.
Pelzer, Harold H., New York, N. Y. Spectacle lens mount. 2,574,839, Nov. 13.
Pemberton, Edgar S., Banstead, assignor to British Industrial Solvents Limited, London, England. Production of acetarylamides. 2,551,046, May 1.
Pemberton, Edgar S., Banstead, assignor to British Industrial Solvents Limited, London, England. Production of acetarylamides. 2,551,047, May 1.
Pemberton, John T., Oklahoma City, Okla. Artificial fish lure. 2,559,169, July 3.
Pembroke, George H., New York, N. Y. Stencil printing machine. 2,548,119, Apr. 10.
Pemrick, Raymond E.: *See*—
Epelberg, Jack, and Pemrick.
Pence, Frank E., Oakland Park, Fla. Shiftable and rotatable band saw for cutting rafter ends. 2,555,056, May 29.
Pence, Frederick M., assignor to Thermador Electrical Manufacturing Company, Los Angeles, Calif. Kitchen range. 2,551,759, May 8.
Pence, William A., Adell, and L. S. Spielmann, assignors to Enger-Kress Company, West Bend, Wis. Billfold blank and interlock construction. 2,543,334, Feb. 27.
Penchansky, Fannie, assignee: *See*—
Powasnick, George.
Penberthy Injector Company, assignee: *See*—
Johnson, Horace J.
Pender, Lloyd G.: *See*—
Hall, Charles L., and Pender.
Pendergast, George A., Chicago, Ill. Covering hood for paper rolls. 2,579,201, Dec. 18.
Pendleton, Charles A., Cramerton, N. C. Beam head. 2,548,390, Apr. 10.
Pendleton, Clyde D., Eugene, Oreg. Pressure responsive device. 2,546,403, Mar. 27.
Pendleton, Pyam L., Edgewood, R. I., assignor to Hampton Machine Company. Strand treating manifold. 2,538,628, Jan. 16.
Pendleton, Walter A., La Crescenta, Calif. Holder for drills or the like. 2,568,089, Sept. 18.
Pendleton, Willie G., Sr., Naples, Italy. Heat control unit. 2,572,657, Oct. 23.
Pendolari, Romeo L.: *See*—
Landry, Henry J., and Pendolari.
Penick, Arthur J., assignor to Oil Center Tool Company, Houston, Tex. Hydraulic packer setting assembly. 2,540,455, Feb. 6.
Penick, Joe E., Woodbury, N. J., assignor to Socony-Vacuum Oil Company, Incorporated. Alkylation of hydrocarbons. 2,536,514, Jan. 2.
Penick, Joe E., Woodbury, N. J., assignor to Socony-Vacuum Oil Company, Incorporated. Alkylation of hydrocarbons. 2,536,515, Jan. 2.
Penick, Joe E., Woodbury, N. J., assignor to Socony-Vacuum Oil Company, Incorporated. Regenerating adsorptive material. 2,571,380, Oct. 16.
Penigault, Louis A. L. M., Paris, France. Grinding roll mill. 2,563,266, Aug. 7.
Penkala, Emil, assignor of one-half to Metal Trim Limited, Irvine, Scotland. Apparatus for cutting, punching, or pressing moving continuous length material. 2,562,475, July 31.
Penn Aircraft Products, Incorporated, assignee: *See*—
Wilks, Karl W., Jr., and Wolcott.
Penn Electric Switch Co., assignee: *See*—
Faller, Donald D.
Hottenroth, Frederick W.
Rothwell, John J.
Rothwell, John J., and Strasser.
Rothwell, John J., and Wagner.
Schell, Paul.
Penn, John M., Orangeburg, S. C. Circuit interrupter for high-tension overhead wires. 2,543,596, Feb. 27.
Penn, Penn W., Ravenna, Ohio. Positive grip lifting tool. 2,550,424, Apr. 24.
Penn Products, Inc., assignee: *See*—
Penn, William A.
Penn, William A., Bothell, Wash., assignor to Penn Products, Inc., Tomahawk, Wis. Clothes hanger for automotive vehicles. 2,558,911, July 3.
Penn Yan Boats, Inc., assignee: *See*—
Brown, Ralph M.
Pennati, Carlo, Milan, Italy, assignor to E. Pennati, Montreal, Quebec, Canada. Variable-speed rotating ring for spinning machines. 2,563,187, Aug. 7.
Pennati, Ernest, assignee: *See*—
Pennati, Carlo.
Pennell, Elmer V.: *See*—
Creveling, Catherine B., and Pennell.
Pennell, Samuel, Brooklyn, N. Y. Innersole having upwardly foldable portions. 2,537,156, Jan. 9.
Pennell, William C., Saugus, Mass., assignor to General Electric Company. Traffic signal controller with pedestrian actuation. 2,555,994, June 5.
Pennella, Samuel, Pompton Lakes, N. J. Protective ferrule for heat exchanger tubes. 2,557,360, June 19.
Penney, C. M., Co., The, assignee: *See*—
Raney, William E.
Penney, Frederic H., West Newton, Pa. Separate and individual pressure adhesive pieces with means of application and attachment of same. 2,547,487, Apr. 3.
Penney, Gaylord W., and G. W. Hewitt, Pittsburgh, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Electric apparatus for cleaning oil. 2,542,054, Feb. 20.
Penney, Kenneth E., White Bear Lake, assignor to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Film and plate developing hanger. 2,562,942, Aug. 7.
Pennine Aircraft Limited, assignee: *See*—
Neale, John S.
Penning, Frans M.: *See*—
Mulder, Johannes G. W., Jurriaanse, and Penning.
Penninger, Luther S., Raleigh, N. C. Bait hook and complemental gaff hooks. 2,560,302, July 10.
Pennington, Esther K., Oak Park, Ill. Storage crib. 2,571,753, Oct. 16.
Pennington, Neal A., Tucson, Ariz. Air conditioning. 2,536,081, Jan. 2.
Pennington, Neal A., Tucson, Ariz., assignor of one-fifth to R. H. Henley, Tiptonville, Tenn., and one-fourth to R. S. Hoar, South Milwaukee, Wis. Heat exchanger for air conditioning. 2,563,415, Aug. 7.
Pennington, Neal A., Tucson, Ariz., assignor of one-fifth to R. H. Henley, Tiptonville, Tenn., and one-fourth to R. S. Hoar, South Milwaukee, Wis. Humidification preventer for anhydrous air coolers. 2,566,366, Sept. 4.
Pennington, Neal A., Tucson, Ariz., assignor of one-fifth to R. H. Henley, Tiptonville, Tenn., and one-quarter to R. S. Hoar, South Milwaukee, Wis. Air-conditioning apparatus. 2,576,140, Nov. 27.
Pennington, William A.: *See*—
Reed, Winston H., and Pennington.
Pennland Printing Company, assignee: *See*—
Christman, John J., and Klapproth.
Pennow, William A., Cleveland, Ohio, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Operating mechanism. 2,558,098, June 26.
Pennsylvania Crusher Company, assignee: *See*—
Borton, George W.
Hartshorn, Stanley D.
Keiper, Edwin H.
Pennsylvania Engineering Corporation, assignee: *See*—
McFeaters, Harry L.
Pennsylvania Industrial Chemical Corporation, assignee: *See*—
Burroughs, Samuel G.
Suhanin, Edward W.
Pennsylvania Railroad Company, The, assignee: *See*—
Loewy, Raymond G. F.
Pennsylvania Research Corporation, The, assignee: *See*—
Camp, Leon W.
King, John G.
Lewis, William H.
Waynick, Arthur H.
Pennsylvania Salt Manufacturing Company, The, assignee: *See*—
Bruce, Everett A.
Cushing, Russell E., and Swenson.
Gall, John F.
La Lande, William A., Jr., Aeugle, and Molyneux.
Miller, Henry C.
Parr, Thaddeus.
Sprauer, Jerome W., and Peschko.
Staubly, Julian L., and Millsaps.
Pennsylvania Transformer Company, assignee: *See*—
Horelick, Samuel, and Sefton.
Zimsky, John J.
Penny, Rufus S., Richmond, Va. Spray gun for projecting powdered materials. 2,570,004, Oct. 2.
Pennypacker, Isaac A., executor: *See*—
Sheen, Milton R.
Penrod, Allen M., assignor to Maryland Plastics, Inc., Federalsburg, Md. Machine for molding. 2,559,545, July 3.
Penrod, Raymond E.: *See*—
Palmquist, Philip V., and Penrod.
Penrose, James R., Watford, and J. A. Donelan, West Harrow, assignors to The General Electric Company Limited, London, England. Electric arc welding apparatus. 2,543,668, Feb. 27.
Penrose, William F., assignee: *See*—
Wiseley, Don C.
Pensyl, Daniel S.: *See*—
Frank, Ernest, and Pensyl.
Pensyl, Daniel S., Garden City, N. Y., assignor to The Sperry Corporation. Frequency control apparatus. 2,562,943, Aug. 7.
Pensyl, Mary P., executrix: *See*—
Frank, Ernest, and Pensyl.
Pent Electric Company, assignee: *See*—
Hafke, Arthur.
Pentecost, Arthur, Upper Montclair, N. J., and J. L. Sterling, Bellerose, assignors to Remington Rand Inc., New York, N. Y. Paper feed mechanism. 2,564,580, Aug. 14.
Pentek, Joseph J., San Carlos, Calif. Key holder. 2,550,375, Apr. 24.
Pentel, Leon, assignor to S. G. Teichman, New York, N. Y. Support for artificial teeth. 2,563,416, Aug. 7.
Pentone, Inc., assignee: *See*—
Chichester, George D.
Pentz, Albert D., Staten Island, N. Y. Centrifugal clutch. 2,560,515, July 10.

People of the United States of America, Dedicated to the, assignee: *See*—
Du Vigneaud, Vincent, and Holley.
Ewing, Battle B.
Feinstein, Louis, and Ringel.
Hansen, Arnold M., and Fletcher.
Munger, Francis.
Schechter, Milton S., and La Forge.
Smith, Charles M.
Stedronsky, Victor L., and Shaw.
Stodola, Frank H., Wachtel, and Coghill.
Peoples First National Bank & Trust Company, assignee: *See*—
Henderson, Albert.
Liversage, Albert W.
Peoples, James A., Jr.: *See*—
Hartman, William C., Peoples, and Hull.
Peoples, James A., Jr., Woods Hole, Mass., assignor to The Sperry Corporation. Backlash-compensated servo system. 2,537,083, Jan. 9.
Peper, Henry M.: *See*—
Tengstedt, Karl H., and Peper.
Peper, Walter S., Flushing, N. Y. Household heating system. 2,545,107, Mar. 13.
Pepin, Lawrence H., San Diego, Calif. Oil dispensing comb. 2,539,634, Jan. 30.
Pepin, Joseph, Chicago, Ill. Slide squeezer for collapsible tubes. 2,543,704, Feb. 27.
Peppel, William J., Lodi, N. J., assignor to Burton T. Bush, Inc., New York, N. Y. Preparation of fatty alcohols. 2,538,034, Jan. 16.
Pepper, Carl P., Plainfield, Ind., assignor, by mesne assignments, to The Marquette Metal Products Company, Cleveland, Ohio. Spring clutch mechanism and engine starter unit. 2,540,009, Jan. 30.
Pepper, Leonard M.: *See*—
Woosley, Joe C., Pepper, and McCloy.
Pepper, Paul M., South Bend, Ind. Calculating device. 2,564,227, Aug. 14.
Peracca, Alfred P., assignee: *See*—
Floyd, Ray H.
Perbohner, Aaron T., assignee: *See*—
Filiatreault, Willis J.
Percy, Charles W., assignor to John E. Dallas and Sons Limited, London, England. Percussion musical instrument. 2,548,271, Apr. 10.
Percy, Constance L., executrix: *See*—
Kirschenbauer, Hans G., and Percy.
Percy, Joseph H.: *See*—
Kirschenbauer, Hans G., and Percy.
Percy, Joseph H., Woodmere, N. Y., and H. F. Neumann, South Orange, assignors to Colgate-Palmolive-Peet Company, Jersey City, N. J. Insecticidal compositions. 2,564,606, Aug. 14.
Perdijon, Emile, Saint-Ouen, France. Connecting and switching device. 2,561,752, July 24.
Perdue, Jack, Great Sankey, near Warrington, and S. Hackney, assignors to Electro-Hydraulics Limited, Warrington, England. Indicating the position of an automatic locking device for pistons or other movable parts. 2,568,561, Sept. 18.
Peremi, Edmund, Bayside, N. Y., and H. Weimann, Brentwood, Mo., assignors, by mesne assignments, to General Bronze Corporation, Garden City, N. Y. Sealing device. 2,569,386, Sept. 25.
Peremi, Edmund, Bayside, and H. Weimann, Yonkers, assignors, by mesne assignments, to General Bronze Corporation, Garden City, N. Y. Balanced panic door. 2,576,854, Nov. 27.
Perez, Avelino, Province of Oriente, Cuba. Auxiliary shock absorber for vehicles. 2,552,379, May 8.
Perez, Guillermo H., and V. P. Menéndez, Habana, Cuba. Trocar for biopsia. 2,541,542, Feb. 13.
Perez Lias, Jose R., Mexico City, Mexico. Flask. 2,545,302, Mar. 13.
Pérez, Oscar J., Tampa, Fla. Ambulant toy with erratic steering means. 2,560,739, July 17.
Perfect Circle Corporation, assignee: *See*—
Brenneke, Arthur M.
Linn, Joseph C.
Shirk, John F.
Wetzel, Clarence M.
Perfect Knit Togs, Inc., assignee: *See*—
Siegel, Philip G.
Perfection Manufacturing Corporation, assignee: *See*—
Dinesen, Laurits.
Perfection Packaging, assignee: *See*—
Brown, William E.
Perfection Steel Body Company, The, assignee: *See*—
Barker, Eros V.
Kern, Karl W.
Kruger, Henry E.
Seckel, Wallace H.
Perfection Stove Company, assignee: *See*—
Chadwick, Lee S.
Dahlstrom, John A.
Resek, Marc.
Resek, Marc, Day, and Kirkpatrick.
Townley, Holden B.
Perfection Supply Company, assignee: *See*—
Anderson, Russell T.
Perfex Company, The, assignee: *See*—
Marberg, Carl M., and Shields.
Perfex Corporation, assignee: *See*—
Crew, Morris W.
Deubel, Justin A.
Geisel, Arthur F.
Wilson, Jack T.
Perforations, Inc., assignee: *See*—
Weisbecker, Frank G.
Perhacs, Joseph V., Sun Valley, Calif. Needle for sewing braid or the like. 2,541,543, Feb. 13.
Perham, Arthur L., Barkingside, assignor of one-half to Henry Hughes & Son Limited, London, England. Stabilized radar scanner equipment mounted on vehicles of all kinds. 2,554,119, May 22.
Perhats, Francis J., Chicago, Ill. Automatic starting system for internal-combustion engines. 2,579,958, Dec. 25.
Periat, Marcel: *See*—
Burke, Roscoe E., Periat, and Schlichtmann.
Perillo, Florindo J., Jackson Heights, assignor to Viewlex, Inc., Queens County, N. Y. Projector with adjustable lens and transparency carrier assembly. 2,552,211, May 8.
Perillo, Florindo J., Tucson, Ariz. Pocket adding device. 2,545,555, Mar. 20.
Perino, Dominic A., assignor to Milprint, Inc., Milwaukee, Wis. Commodity bag. 2,563,616, Aug. 7.
Perish, Peter W.: *See*—
Dolza, John, Gaubatz, Perish, Croisant, and Kerfoot.
Dolza, John, Perish, and Croisant.
Perkerson, Fred S., assignor, by mesne assignments, to Callaway Mills Company, La Grange, Ga. Improving the adhesion of rubber to cellulosic fibrous materials. 2,555,304, June 5.
Perkin-Elmer Corporation, The, assignee: *See*—
Baker, James G.
Baxter, Frederic L., Jr.
Perkins, Albert G., Grand Island, N. Y. Control unit for milking machines. 2,558,152, June 26.
Perkins, Albert G., Grand Island, N. Y. Automatic teat cup release device for milking machines. 2,572,658, Oct. 23.
Perkins, Albert G., Grand Island, N. Y. Control device for milking machines. 2,576,808, Nov. 27.
Perkins, Albert G., Grand Island, and R. Du Quette, Buffalo, N. Y., said Du Quette assignor to said Perkins. Control device for milking machines. 2,538,652, Jan. 16.
Perkins, Albert G. and W. E., Grand Island, N. Y. Control device for milking machines. 2,545,857, Mar. 20.
Perkins, Albert G. and Alfred G., Grand Island, N. Y. 2,556,596, June 12.
Perkins, Alfred G.: *See*—
Perkins, Albert G. and Alfred G.
Perkins, Alfred G., Grand Island, N. Y. Alarm device for milking machines. 2,549,231, Apr. 17.
Perkins, Alfred R., East Bridgewater, Mass. Remote-control engine starter. 2,569,332, Sept. 25.
Perkins, B. F., & Sons, Inc., assignee: *See*—
Getchell, Raymond E.
Perkins, Charles M., assignor to Fuller Manufacturing Company, Kalamazoo, Mich. Gated shift block. 2,538,653, Jan. 16.
Perkins, Corles M., Rutherford, and A. M. MacCallum, Maywood, assignors to Bendix Aviation Corporation, Teterboro, N. J. Gyroscope system. 2,577,912, Dec. 11.
Perkins, Corles M., Sr., Rutherford, N. J., and A. Bennett, Bronx, N. Y., assignors to Bendix Aviation Corporation, Teterboro, N. J. Automatic approach control system. 2,575,890, Nov. 20.
Perkins, Elmer R., assignee: *See*—
Chapman, Robert S.
Perkins, Fred, York, Pa. Prolonging the life of a storage battery. 2,571,754, Oct. 16.
Perkins, George D., Allston, and C. E. Stone, Jr., Littleton, assignors, by mesne assignments, to the United States of America as represented by the Secretary of War. Radio transmitting-receiving apparatus. 2,548,813, Apr. 10.
Perkins, George G., Lynn, Mass. Can opener. 2,550,934, May 1.
Perkins, Gerald S.: *See*—
McLaughlin, Dean B., and Perkins.
Perkins, Hubert, Columbia, S. C. Plural armature relay. 2,559,199, July 3.
Perkins, Joseph R., Upper Montclair, N. J., assignor, by mesne assignments, to the United States of America as represented by the Secretary of the Navy. Spark gap modulator. 2,578,263, Dec. 11.
Perkins Machine & Gear Company, assignee: *See*—
Oakley, John.
Perkins, Melvin A., Wilmington, Del., assignor to the United States of America as represented by the United States Atomic Energy Commission. Manufacture of organic fluorine compounds. 2,549,988, Apr. 24.
Perkins, Ralph P., assignor to The Dow Chemical Company, Midland, Mich. 3-pyridoxy-alkanoic acid compounds. 2,559,546, July 3.
Perkins, Robert C., Worcester, Mass. Panel structure and assembling panels on a support. 2,578,085, Dec. 11.
Perkins, Ross N., Brookline, assignor to The Foxboro Company, Foxboro, Mass. Apparatus for and method of testing pasteurization time. 2,536,082, Jan. 2.
Perkins, Warren E.: *See*—
Perkins, Albert G. and W. E.

Perkins, Willard T., Irondequoit, assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Mounting prisms. 2,553,329, May 15.
Perkins, Winston S., Stratford, Conn. Continuous electrical outlet. 2,579,854, Dec. 25.
Perl, Adolph R., San Diego, Calif. Roadable aircraft. 2,573,271, Oct. 30.
Perle, Abe J., Orange, assignor to Persiro Manufacturing Corp., Newark, N. J. Metallic tube furnace. 2,547,040, Apr. 3.
Perle, Abe J., Orange, assignor to Persiro Manufacturing Corp., Newark, N. J. Burner for combustion chambers. 2,565,879, Aug. 28.
Perley, George A., Wyncote, assignor to Leeds and Northrup Company, Philadelphia, Pa. Electrostatic shield for pH electrodes. 2,563,062, Aug. 7.
Perlin, Maurice, Chicago, Ill. Toothbrush holder. 2,544,856, Mar. 13.
Perlini, Robert, Elmont, assignor to International Business Machines Corporation, New York, N. Y. Commutator. 2,562,572, July 31.
Perlman, David L., Baltimore, Md. Frozen confection apparatus. 2,579,696, Dec. 25.
Perlman, Morris L., New Orleans, La., and S. I. Weissman, Chicago, Ill., assignors to the United States of America as represented by the United States Atomic Energy Commission. Preparation of compacts of high-density uranium hydride. 2,558,377, June 26.
Perlmutter, Samuel, Newton, Mass. Drapery hook. 2,553,272, May 15.
Perlson, Philip, Milwaukee, Wis. Coat hanger attachment. 2,546,198, Mar. 27.
Perlstein, David, New Rochelle, assignor to Rona Laboratories Inc., Mt. Vernon, N. Y. Stand. 2,559,317, July 3.
Perma-Flex Industries Limited, assignee: *See*—
Spencer, James.
Permafuse Corp., The, assignee: *See*—
Tilden, Sydney G.
Permar, Philip H.: *See*—
Mayfield, Ross M., De Long, and Permar.
Permo, Incorporated, assignee: *See*—
Andres, Lloyd J.
Permoda, Daniel A.: *See*—
Dankert, Lester J., and Permoda.
Permutit Company, The, assignee: *See*—
Cooperson, Norman.
Kressman, Theodore R. E.
Miller, Durando, Jr.
Pick, Eric.
Perna, Gladys C., Allentown, Pa. Sanitary toothbrush holder and support. 2,553,723, May 22.
Pernert, John C., assignor to Oldbury Electro-Chemical Company, Niagara Falls, N. Y. Production of phosphorus oxysulfides. 2,577,207, Dec. 4.
Pernthaler, Fritz, Dusseldorf, Germany. Centrifugal variety apparatus for mixing and reacting liquid materials. 2,555,899, June 5.
Peroutky, Donald C., Schenectady, N. Y., assignor to General Electric Company. High-frequency ignition system. 2,552,212, May 8.
Perrault, Ainslie, assignor to Perrault Bros., Tulsa, Okla. Safety valve. 2,578,590, Dec. 11.
Perrault Bros., assignee: *See*—
Perrault, Ainslie.
Perrault, Lewis.
Perrault, Lewis, assignor to Perrault Bros., Tulsa, Okla. Pipe coating shoe. 2,545,792, Mar. 20.
Perrault, Lewis, assignor to Perrault Bros., Tulsa, Okla. Segmental coating shoe for pipe and the like. 2,574,706, Nov. 13.
Perreau, Jules H., Paris, France. System for the reproduction of magnetic records. 2,579,125, Dec. 18.
Perret, William R., Vicksburg, Miss., assignor, by mesne assignments, to the United States of America as represented by the United States Atomic Energy Commission. Pressure measuring device. 2,554,792, May 29.
Perret-Bit, Roger J., Chambery, assignor to Compagnie de Produits Chimiques et Electrometallurgiques Alais, Froges et Camargue, Paris, France. Device for regulation of the resistance of an electrolytic cell. 2,545,411, Mar. 13.
Perret-Bit, Roger J., Chambery, assignor to Compagnie de Produits Chimiques et Electrometallurgiques Alais, Froges et Camargue, Paris, France. Apparatus for the regulation of current in an electrolytic cell. 2,545,412, Mar. 13.
Perret-Bit, Roger J., Chambery, assignor to Compagnie de Produits Chimiques et Electrometallurgiques Alais, Froges et Camargue, Paris, France. Apparatus for automatic regulation of electrolytic cells. 2,545,413, Mar. 13.
Perrier, Alicia G., assignee: *See*—
Crabtree, Mack H.
Perrier, Emil J., assignee: *See*—
Crabtree, Mack H.
Perrin, James E., assignor to The De Vilbiss Company, Toledo, Ohio. Air cleaner and silencer. 2,564,814, Aug. 21.
Perrin, Jeanne B. M., heiress: *See*—
Gorgerat, Jean, and Détrez.
Perrin, Malcolm L., Oklahoma City, Okla. Utility window bracket. 2,568,968, Sept. 25.
Perrine, Lester E., Highland Park, assignor to General Motors Corporation, Detroit, Mich. Internal-combustion engine carburetion system. 2,576,475, Nov. 27.
Perrine, Lester E., Highland Park, Mich. Refrigerating apparatus and method. 2,579,512, Dec. 25.
Perrins, George, Newcastle under Lyme, assignor to Bullers Limited, London, England. Electric insulator having potential drop controlling means. 2,576,723, Nov. 27.
Perron, Robert R.: *See*—
Marcy, Richard C., and Perron.
Perrot, David L., assignor to Jackson and Church Company, Saginaw, Mich. Machine for handling sludge. 2,568,821, Sept. 25.
Perrotta, Raffaele, assignee: *See*—
Di Palma, Antonio.
Perrotta, Raffaele, Pueblo, Colo. Carl seal. 2,538,323, Jan. 16.
Perroux, Georges E. M., deceased, by M. C. Perroux, heiress, Paris, France, assignor to International Standard Electric Corporation, New York, N. Y. Panoramic receiver. 2,553,602, May 22.
Perroux, Marie C., heiress: *See*—
Perroux, Georges E. M.
Perrow, Warren C., Richmond, Va. Pipe joint. 2,561,884, July 24.
Perry, Charley C., Camden, Ark. Fishing lure. 2,542,429, Feb. 20.
Perry, Chester N., North Vassalboro, Maine. Automatic filling guide for textile looms. 2,544,803, Mar. 13.
Perry, David P., Maplewood, N. J. Television image superimposition. 2,568,166, Sept. 18.
Perry, Edmond S.: *See*—
Koonce, Samuel D., and Perry.
Perry, Edmond S., assignor, by mesne assignments, to Eastman Kodak Company, Rochester, N. Y. High-vacuum fractionating distillation apparatus. 2,578,086, Dec. 11.
Perry, Edmond S., and F. J. Mansing, assignors, by mesne assignments, to Eastman Kodak Company, Rochester, N. Y. Distillation process and apparatus. 2,539,699, Jan. 30.
Perry, Elwood L., Hickory, N. C. Fish bait. 2,538,703, Jan. 16.
Perry, Frank, Manteca, Calif. Power-driven vine cutter. 2,562,387, July 31.
Perry, Frank R., assignor to Turco Products, Inc. Los Angeles, Calif. Cleaning method and material therefor. Re. 23,422, Oct. 23.
Perry, Fred H., Faust, assignor of one-half to Oscar Woulf, Tupper Lake, N. Y. Skewer for holding rolled roasts. 2,557,890, June 19.
Perry, George L.: *See*—
Harman, Denham, and Perry.
Perry, John C., Cranston, R. I., assignor to Perry Products, Inc. Internal-combustion engine. 2,574,934, Nov. 13.
Perry, Lloyd H., Stoughton, assignor to Union Bay State Chemical Co., Inc., Cambridge, Mass. High styrene-butadiene copolymer and making same. 2,551,760, May 8.
Perry, Lloyd M.: *See*—
Davis, Austin E., and Perry.
Perry, Louis C.: *See*—
Teglas, Albert J., and Perry.
Perry, Murle, Minneapolis, Minn. Stoma receiver. 2,554,840, May 29.
Perry, Nelson I., Chicago, Ill. Brake controlling structure. 2,557,758, June 19.
Perry Products, Inc., assignee: *See*—
Perry, John C.
Perry, Ray P., Ladue, E. A. Dickmann, St. Louis, and L. F. Bridge, Kirkwood, assignors to Bemis Bro. Bag Co., St. Louis, Mo. Spool. 2,573,598, Oct. 30.
Perry, Stephen F.: *See*—
Bennett, George A., and Perry.
Perry, Stephen F., Roselle, N. J., assignor to Standard Oil Development Company. Combined selective adsorption-catalytic cracking process. 2,549,518, Apr. 17.
Perry, Thomas M., Bennington, Vt., assignor to the United States of America as represented by the Secretary of the Navy. Tangential acceleration gauge. 2,575,973, Nov. 20.
Perry, Vernon L., Minneapolis, Minn. Bobber for fish lines. 2,575,832, Nov. 20.
Perry, Walter M., Darien, Conn., assignor to Johns-Manville Corporation, New York, N. Y. Free filtering asbestos and producing same. 2,568,023, Sept. 18.
Perry, Wesley, Towanda, Pa. Chair for use of invalids and aged persons. 2,550,593, Apr. 24.
Perry, Winthrop L., assignor, by mesne assignments, to Abbott Worsted Mills, Incorporated, Wilton, N. H. Winding machine. 2,552,581, May 15.
Pers, Ulla: *See*—
Benavides, Alfonso, and Pers.
Persak, George, Jr., Verona, assignor to The Oiljak Manufacturing Co., Inc., Montclair, N. J. Spark plug cleaning and testing unit. 2,552,344, May 8.
Persch, Walther, Frankfurt on the Hochst, assignor to Cassella Farbwerke Mainkur, Frankfurt (Main)-Fechenheim, Germany. Organic mercury compounds of xanthines and making same. 2,576,855, Nov. 27.

Persell, Ralph M.: *See*—
Vix, Henry L. E., Spadaro, Pollard, Gastrock, Persell, and Murphy.
Persiro Manufacturing Corp., assignee: *See*—
Perle, Abe J.
Person, Robert P.: *See*—
Skidmore, Wallace E., Person, and Terdina.
Person, Rolf B.: *See*—
Svensson, Sven G., Person, and Langefors.
Person, Sterner, assignee: *See*—
Carlson, Axel S.
Personal Products Corporation, assignee: *See*—
Ganz, Henry.
Persons, Lawrence M., Chesterfield, assignor to McQuay-Norris Manufacturing Company, St. Louis, Mo. Thermostatic switch. 2,549,517, Apr. 17.
Persons, Lawrence M., Chesterfield, assignor to McQuay-Norris Manufacturing Company, St. Louis, Mo. Electric switch. 2,569,776, Oct. 2.
Persons-Majestic Mfg. Co., assignee: *See*—
Persons, Robert C.
Persons, Robert C., assignor to Persons-Majestic Mfg. Co., Worcester, Mass. Crash guard for bicycles and the like. 2,575,292, Nov. 13.
Persson, Alef R., Hedemora, and J. O. Naucler, Stocksund, Sweden. Aerating water. 2,560,978, July 17.
Persson, Henry, Miami, Fla., assignor to Float-Lock Corporation, Bloomfield, N. J. Vise having jaws supportable on flat surface of machine tool by spindle adjustable and lockable in plane parallel to said surface. 2,552,580, May 15.
Pervier, Charles F., Port Washington, assignor to Harnischfeger Corporation, Milwaukee, Wis. Cylinder air port construction. 2,560,700, July 17.
Pervis, Ralph E., Maitland, Fla. Disk type lawn mower. 2,568,822, Sept. 25.
Perwas, Ludwig F., New York, N. Y. Pressure feed fountain brush. 2,544,857, Mar. 13.
Perwas, Ludwig F., New York, N. Y. Reservoir handle for fountain brush having piston means for filling and dispensing. 2,547,834, Apr. 3.
Perzynski, Joseph T., Stevens Point, Wis. Cleaning attachment for garden rakes. 2,539,590, Jan. 30.
Pescara, Raul P., assignee: *See*—
Horgen, Helge B.
Pesce, Joseph D., Alexandria, Va. Oil burner. 2,558,779, July 3.
Peschko, Norman D.: *See*—
Sprauer, Jerome W., and Peschko.
Pesenti, Joe, San Francisco, Calif. Combined frying pan cover and colander. 2,541,094, Feb. 13.
Peshkin, Hyman P.: *See*—
Elterman, Adolph, and Peshkin.
Pesqueira, Juventino J.: *See*—
Casella, Secondo L., Kurzweil, and Pesqueira.
Kurzweil, Robert, and Pesqueira.
Pesqueira, Juventino J., and R. Kurzweil, assignors to Morey Machinery Co., Inc., New York, N. Y. Headstock and spindle. 2,545,858, Mar. 20.
Pessel, Leopold, Philadelphia, Pa., assignor to Radio Corporation of America. Chemical deposition of metallic films. 2,560,979, July 17.
Pessel, Leopold, Philadelphia, Pa., assignor to Radio Corporation of America. Removing synthetic resin coatings. 2,563,417, Aug. 7.
Pessel, Leopold, Whitemarsh, Pa., assignor to Radio Corporation of America. Solder composition. 2,547,771, Apr. 3.
Pestarini, Joseph M., New York, N. Y. Direct-current power system. 2,575,637, Nov. 20.
Pestarini, Joseph M., Staten Island, N. Y. Train lighting set. 2,551,459, May 1.
Pestarini, Joseph M., Staten Island, N. Y. Direct-current dynamoelectric machines in parallel. 2,570,005, Oct. 2.
Petcar Research Corporation, assignee: *See*—
Peters, Melville F.
Petch, Herbert S., Edgware, assignor to Elliott Bros. (London) Limited, London, England. Apparatus for comparing alternating currents. 2,566,140, Aug. 28.
Petch, Herbert S., Edgware, assignor to Elliott Brothers (London) Limited, London, England. Live line detector. 2,575,680, Nov. 20.
Petchaft, Alfred W.: *See*—
Lipson, Leonard B., and Petchaft.
Petchaft, Alfred W., assignee: *See*—
Levitt, Morton L.
Petek, Joseph E., Cleveland, Ohio. Sound producing instrument and diaphragm therefor. 2,575,293, Nov. 13.
Pétel, Louis L. L., Levallois Perret, France. Combined lighting device and radio receiver or loudspeaker. 2,559,045, July 3.
Peter, Albert, New York, and J. Kainen, Bronxville, assignors to Tempus Manufacturing Company, Long Island City, N. Y. Watch mounted article. 2,576,476, Nov. 27.
Peter, Albin, and J. Günthart, assignors to Sandoz A. G., Basel, Switzerland. Dyestuffs of the anthraquinone series. 2,580,190, Dec. 25.
Peter, Charles R., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Mechanically operated switch. 2,546,077, Mar. 20.
Peter, Friedrich A., Palampur, Punjab, India. Vehicle. 2,543,054. Feb. 27.
Peter, Gustave C., Wauwatosa, Wis. Vaporizing type liquid fuel burner. 2,560,367, July 10.
Peter, Leslie H.: *See*—
Walker, Alec H. B., and Peter.
Peter, Leslie H., and D. G. Shipp, London, England, assignors, by mesne assignments, to The Union Switch & Signal Company, Swissvale, Pa. Multiple frequency intermittent inductive cab signal and automatic train control system. 2,554,056, May 22.
Peter, Oskar E., Oberkochen, Germany. Clamping system. 2,573,928, Nov. 6.
Peter Paul, Inc., assignee: *See*—
Zeun, Louis H.
Peter, William F., Dempster, S. Dak., and W. J. Mangels, Le Center, Minn. Removable floor conveyer for trailers. 2,563,418, Aug. 7.
Petering, Harold G.: *See*—
Delor, Raymond A., and Petering.
Petering, Harold G., assignor to The Upjohn Company, Kalamazoo, Mich. Pterine imines. 2,541,717, Feb. 13.
Petering, Harold G., and J. A. Schmitt, assignors to The Upjohn Company, Kalamazoo, Mich. 2,4-diamino-6-omega-carboxytrihydroxy-propylpteridine. 2,568,462, Sept. 18.
Petering, Harold G., and J. A. Schmitt, assignors to The Upjohn Company, Kalamazoo, Mich. 2-amino-4-hydroxy-6-omega-carboxytrihydroxy - propylpteridines. 2,568,685, Sept. 18.
Petering, Wilbur H.: *See*—
Secrist, John H., and Petering.
Peterlin, John G., Pueblo, Colo. Fertilizer spray device. 2,553,379, May 15.
Petermeier, Edwin F., Melrose, Minn. Floating vehicle seat. 2,567,346, Sept. 11.
Peters, Adolph H., Columbus, Nebr. Tractor hitch. 2,547,772, Apr. 3.
Peters, Alfred H., Davis, Calif. Leveling device. 2,571,287, Oct. 16.
Peters, Alfred W., Detroit, Mich. Pouring spout. 2,560,776, July 17.
Peters, Austin M.: *See*—
Peters, Melvin H. and A. M.
Peters, Basil, Philadelphia, Pa. Artificial limb mechanism. 2,542,567, Feb. 20.
Peters, Carl E., University City, Mo., assignor, by mesne assignments, to Vickers, Incorporated. Switch for use with battery chargers. 2,573,483, Oct. 30.
Peters, Carl E., University City, and D. W. Rau, Kirkwood, Mo., assignors to Vickers, Incorporated. Making selenium coated elements. 2,551,048, May 1.
Peters, Carl E., University City, and D. W. Rau, Kirkwood, Mo., assignors to Vickers, Incorporated. Annealing a selenium coating. 2,575,392, Nov. 20.
Peters, Carl F., assignor to Velsicol Corporation, Chicago, Ill. Cyclopentadiene-vinyl acetate polymers. 2,559,790, July 10.
Peters, Chauncey G., Calvert County, Md., and F. K. Harris, Washington, D. C., assignors to the United States of America as represented by the Secretary of Commerce. Dry drilling of diamonds and the like. 2,552,582, May 15.
Peters, Clifford M.: *See*—
Garrett, Henry U., and Peters.
Peters-Dalton, Inc., assignee: *See*—
Fenn, Orrin E.
Peters, David J., Castle Shannon, Pa. Juke box and television receiver control device. 2,565,881, Aug. 28.
Peters, Edwin F., assignor to Standard Oil Company, Chicago, Ill. Catalytic polymerization of α olefins. 2,552,508, May 15.
Peters, Garrett H., assignor to Rhinelander Paper Company, Rhinelander, Wis. Coating glassine. 2,575,727, Nov. 20.
Peters, George E., and L. E. Russell, assignors to Peters & Russell, Inc., Springfield, Ohio. Pump handle. 2,536,083, Jan. 2.
Peters, George E., and L. E. Russell, assignors to Peters & Russell, Inc., Springfield, Ohio. Service tray for automobile instrument panels. 2,536,084, Jan. 2.
Peters, George E., and L. E. Russell, assignors to Peters & Russell, Inc., Springfield, Ohio. Folding handle. 2,557,139, June 19.
Peters, Harry C.: *See*—
Rockburg, George A., and Peters.
Peters, Herbert W., Milwaukee, Wis., assignor to Cory Corporation, Chicago, Ill. Water-heating apparatus and control circuit for use in a beverage brewing system. 2,561,134, July 17.
Peters, Herbert W., Milwaukee, Wis., assignor to Cory Corporation, Chicago, Ill. Beverage brewer. 2,567,027, Sept. 4.
Peters, Herbert W., Milwaukee, Wis., C. N. Crossley, Riverside, and R. J. Gagan, Oak Park, assignors to Cory Corporation, Chicago, Ill. Beverage brewer. 2,551,219, May 1.
Peters, Isaac I.: *See*—
Nelson, Frank E., and Peters.
Peters, Jerry M., Walker, Mo. Crutch. 2,575,681, Nov. 20.
Peters, John A.: *See*—
McFee, Earl P., and Peters.
Peters, John F., Leonia, N. J., assignor to American Can Company, New York, N. Y. Bag opening machine with upper and lower bag forming units disposed in parallel relationship. 2,561,410. July 24.

Peters, John F., Leonia, N. J., assignor to American Can Company, New York, N. Y. Sheet sorting machine with electrical timing device. 2,566,246, Aug. 28.

Peters, John F., Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Electromagnet. 2,550,123, Apr. 24.

Peters, John F., Leonia, N. J., and H. W. Jones, Brooklyn, assignors to American Can Company, New York, N. Y. Integral hinge for sheet metal containers. 2,555,366, June 5.

Peters, John G.: *See*—
Smith, Herschel G., Cantrell, and Peters.

Peters, Joseph M., assignor to Gleason Works, Rochester, N. Y. Collet chuck. 2,574,754, Nov. 13.

Peters, Leo, Evanston, Ill. Clothes retainer. 2,578,148, Dec. 11.

Peters, Leo R., Cleveland Heights, Ohio, assignor to General Electric Company. Lead wire for fluorescent lamps. 2,542,352, Feb. 20.

Peters, Leslie M.: *See*—
Nelson, Charles R., Taylor, Davidson, and Peters.

Peters, Louis J., Laurelton, N. J. Water tube boiler. 2,537,698, Jan. 9.

Peters, Maurice C.: *See*—
Adams, Harold B., and Peters.

Peters, Melville F.: *See*—
Mascuch, Joseph J., and Peters.

Peters, Melville F., East Orange, assignor to Petcar Research Corporation, Newark, N. J. Rate-of-rise temperature responsive system. 2,553,603, May 22.

Peters, Melville F., East Orange, assignor to Petcar Research Corporation, Newark, N. J. Test circuit for temperature responsive systems. 2,566,367, Sept. 4.

Peters, Melville F., East Orange, assignor to Petcar Research Corporation, Newark, N. J. Temperature-responsive system of the bridge circuit type. 2,571,605, Oct. 16.

Peters, Melvin H. and A. M., Montezuma, Iowa. Straddle type trailer cart. 2,536,567, Jan. 2.

Peters, Norman J., assignor to Damrow Brothers Company, Fond du Lac, Wis. Rectangular cheese hoop. 2,538,379, Jan. 16.

Peters, Norman J., assignor to Damrow Brothers Company, Fond du Lac, Wis. Cooking apparatus. 2,572,192, Oct. 23.

Peters, Norman J., and K. W. Flentje, assignors to Damrow Brothers Company, Fond du Lac, Wis. Valve. 2,559,046, July 3.

Peters, Philip H., Jr., Schenectady, N. Y., assignor to General Electric Company. Grid controlled magnetron apparatus for frequency controllable systems. 2,547,659, Apr. 3.

Peters, Ralph W., Hollywood, Calif. Garage door operator. 2,543,506, Feb. 27.

Peters, Ralph W., Hollywood, Calif. Mechanical pressure operated actuating device. 2,572,380, Oct. 23.

Peters & Russell, Inc., assignee: *See*—
Peters, George E., and Russell.

Peters, William W., Erie, Pa., assignor to General Electric Company. Ventilated electrical conductor for railway motors. 2,548,614, Apr. 10.

Petersen, Adolph H., and R. K. Castleman, Antioch, assignors to Fibreboard Products Inc., San Francisco, Calif. Batch mixing apparatus. 2,562,506, July 31.

Petersen, Christian, assignor to Petersen Mfg. Co., Inc., De Witt, Nebr. Wrench jaws. 2,563,267, Aug. 7.

Petersen, Elmer W., and R. F. Sansonetti, Chicago, Ill. Roof ventilator. 2,551,965, May 8.

Petersen, Gerald A., San Francisco, Calif. Earth auger. 2,578,014, Dec. 11.

Petersen, Gunnar A., Klampenborg, and W. C. M. Dietrich, Copenhagen, Denmark. Automatic lathe. 2,539,320, Jan. 23.

Petersen, Heinrich A. W., Knoxville, Tenn., assignor, by mesne assignments, of one-half to W. D. Kelley. Rodent trap. 2,543,466, Feb. 27.

Petersen, Lowell W., assignor to Swift & Company, Chicago, Ill. Water treatment. 2,565,321, Aug. 21.

Petersen Mfg. Co., Inc., assignee: *See*—
Petersen, Christian.

Petersen, Otto H., Fayetteville, N. Y., assignor to General Electric Company. Cyclic gear mechanism. 2,570,151, Oct. 2.

Petersen, Ove, Gentofte, Denmark. Fuel injection arrangements in internal-combustion engines. 2,537,371, Jan. 9.

Petersen Oven Company, assignee: *See*—
Stroman, Jack L.

Petersen Oven Company, The, assignee: *See*—
Rundquist, Carl J.

Petersen, Peter M., Kenosha, assignor to S. C. Johnson & Son, Inc., Racine, Wis. Household appliance. 2,538,654, Jan. 16.

Petersen, Richard J.: *See*—
Leo, Herbert S., and Petersen.

Petersen, Theodore, South Orange, N. J. Support for heating appliances or other working tools. 2,551,285, May 1.

Peterson, Adolphe C., Minneapolis, Minn. Combined air propeller and wheel drive for effecting vehicle propulsion. 2,554,590, May 29.

Peterson, Albert C.: *See*—
Reimer, George M., and Peterson.

Peterson, Albert C., Park Ridge, and C. C. Smith, assignors to Union Special Machine Company, Chicago, Ill. Needle feed sewing machine. 2,577,430, Dec. 4.

Peterson, Alf A., Hallock, Minn. Variable-speed drive and clutch. 2,577,913, Dec. 11.

Peterson, Arnold E., Glendale, Calif. Folding vehicle for babies. 2,576,356, Nov. 27.

Peterson, Axel H., Rock Island, Ill. Core molding machine. 2,543,598, Feb. 27.

Peterson, Burt A., assignor to Barber-Colman Company, Rockford, Ill. Bobbin winding machine. 2,543,931, Mar. 6.

Peterson, C. Lynn, Salt Lake City, Utah. Filtering control means. 2,555,367, June 5.

Peterson, C. Lynn, assignor to Peterson Filters and Engineering Co., Salt Lake City, Utah. Treating sugar juices. 2,557,996, June 26.

Peterson, C. Lynn and C. J., Salt Lake City, Utah, and B. Burwell, Grand Junction, Colo., assignors to Peterson Filters and Engineering Co. Drum filter medium. 2,547,969, Apr. 10.

Peterson, Carl A., Chicago, Ill. Energizing circuit for fluorescent lamps in series. 2,552,111, May 8.

Peterson, Carlton G., assignor to Tison Engineering, Inc., Los Angeles, Calif. Aircraft control column. 2,539,753, Jan. 30.

Peterson, Carroll, Hammond, Ind. Chain cutting machine. 2,549,519, Apr. 17.

Peterson, Charles D., assignor to Universal Controls Corporation, Dallas, Tex. Repair and test stand for gas service regulators. 2,565,086, Aug. 21.

Peterson, Charles D., assignor to Universal Controls Corporation, Dallas, Tex. Insulated union nipple. 2,569,333, Sept. 25.

Peterson, Charles D., assignor to Universal Controls Corporation, Dallas, Tex. Gas service pressure regulator. 2,577,480, Dec. 4.

Peterson, Chester A., Vancouver, Wash. Flush type sliding hinge. 2,572,381, Oct. 23.

Peterson, Clarence F., Filer, Idaho. Resilient seat mount. 2,574,057, Nov. 6.

Peterson, Clarence J.: *See*—
Peterson, C. Lynn and C. J., and Burwell.

Peterson, Clarence J., assignor to Kingsburg Cotton Oil Co., Kingsburg, Calif. Baled hay feeding device. 2,561,069, July 17.

Peterson, Clifford E.: *See*—
Karlson, Karl R., and Peterson.

Peterson, Dana, Oakland, Calif. Nut and bolt construction. 2,564,029, Aug. 14.

Peterson, Dean W., Minneapolis, Minn. Flour sifting attachment for mechanical beaters. 2,537,852, Jan. 9.

Peterson, Delmore P., Twin Falls, Iowa. Multiple throttle control. 2,579,959, Dec. 25.

Peterson, Du Wayne J., Grosse Pointe, Mich., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Burner safety control apparatus. 2,537,293, Jan. 9.

Peterson, Edward T., Reading, Pa. Rolling mill having removable chucks. 2,541,279, Feb. 13.

Peterson, Edward T., Reading, assignor to Birdsboro Steel Foundry and Machine Company, Birdsboro, Pa. Piling equipment for structural material. 2,559,460, July 3.

Peterson, Edward T., Hampton Heights, Reading, assignor to Birdsboro Steel Foundry and Machine Company, Birdsboro, Pa. Kickoff. 2,566,958, Sept. 4.

Peterson, Edward W., Detroit, Mich. Antibacklash attachment for fishing reels. 2,546,776, Mar. 27.

Peterson, Edwin C., Crookston, Minn. Canvas truck cover roll-up type. 2,562,209, July 31.

Peterson, Elbert A.: *See*—
Finch, Harry De V., and Peterson.

Peterson, Eric O., Syracuse, and C. R. Miner, Liverpool, N. Y., assignors to General Electric Company. Phonograph pickup having a cantilever indexing arm. 2,554,208, May 22.

Peterson, Erick B. J., Minneapolis, Minn. Artificial fish bait. 2,550,376, Apr. 24.

Peterson, Esther, New York, N. Y. Foot mop. 2,571,606, Oct. 16.

Peterson, Eugene, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Synchronization of pulse communication systems. 2,546,316, Mar. 27.

Peterson, Eugene, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Generation of pulses of alternately opposite polarities. 2,546,371, Mar. 27.

Peterson, Eugene W.: *See*—
Saunderson, Jason L., Caldecourt, and Peterson.

Peterson, Eugene W., assignor to The Dow Chemical Company, Midland, Mich. Stabilized electrooptical system. 2,565,265, Aug. 21.

Peterson Filters and Engineering Co., assignee: *See*—
Peterson, C. Lynn.
Peterson, C. Lynn and C. J., and Burwell.

Peterson, Frank O., West Los Angeles, Calif. One wheel collapsible trailer. 2,558,153, June 26.

Peterson, George A., Sydney, New South Wales, Australia. Safety pilot for gas burners. 2,578,087, Dec. 11.

Peterson, George N.: *See*—
Kronoff, Clarence R., and Peterson.

Peterson, George N., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Pneumatic thread remover. 2,580,191, Dec. 25.
Peterson, Gilman, Seattle, Wash. Mechanical weatherstripping device. 2,565,517, Aug. 28.
Peterson, Glen, Tulsa, Okla., assignor to Phillips Petroleum Company. Oscillator circuit. 2,557,310, June 19.
Peterson, Harold L., assignor to John Bath & Company, Worcester, Mass. Adjustable ring gauge. 2,563,063, Aug. 7.
Peterson, Harold O., Riverhead, N. Y., assignor to Radio Corporation of America. Frequency measuring system. 2,539,673, Jan. 30.
Peterson, Harold O., Riverhead, N. Y., assignor to Radio Corporation of America. Pulse modulation system. 2,542,700, Feb. 20.
Peterson, Harold O., Riverhead, N. Y., assignor to Radio Corporation of America. Diversity receiver for multiplex frequency shift tones. 2,543,256, Feb. 27.
Peterson, Harold O., Riverhead, N. Y., assignor to Radio Corporation of America. Frequency shift signaling. 2,548,814, Apr. 10.
Peterson, Harold O., Riverhead, N. Y., assignor to Radio Corporation of America. Diversity receiver. 2,553,271, May 15.
Peterson, Harold O., Riverhead, N. Y., assignor to Radio Corporation of America. Frequency shift diversity transmission system. 2,568,408, Sept. 18.
Peterson, Harold O., and G. E. Hansell, Riverhead, N. Y., assignors to Radio Corporation of America. Diversity receiver. 2,555,557, June 5.
Peterson, Harry R. B., Daly City, Calif. Combination faucet. 2,576,414, Nov. 27.
Peterson, Henry B.: *See*—
Tuve, Richard L., Peterson, and Ericson.
Peterson, Howard B.: *See*—
Maher, William W., and Peterson.
Peterson, Howard B., San Francisco, Calif. Christmas tree lighting bulb socket support. 2,572,382, Oct. 23.
Peterson, Ivan A., and E. S. Palmer, Jr., Phillips, Tex., assignors to Phillips Petroleum Company. Preventing foaming of aqueous absorption liquids when employed in the removal of acid constituents present in gaseous mixtures. 2,544,564, Mar. 6.
Peterson, Iver E.: *See*—
Amidon, Charles H., and Peterson.
Peterson, James H.: *See*—
Deyrup, Alden J., and Peterson.
Peterson, John B., deceased, Bethesda, Md.: R. L. Peterson, administratrix. Diaphragm seal. 2,545,530, Mar. 20.
Peterson, John B., deceased, Bethesda, Md.; R. L. Peterson, administratrix. True airspeed indicator. 2,574,656, Nov. 13.
Peterson, John T.: *See*—
Forkey, Lyonal D., Peterson, and Morton.
Peterson, Joseph A.: *See*—
Olsen, Carl E., and Peterson
Peterson, Justin: *See*—
Houser, Philip H., and Peterson.
Peterson, Liss C., Chatham, and R. K. Potter, Morristown, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron beam tube filter. 2,575,393, Nov. 20.
Peterson, Louis G., Des Moines, Iowa. Cribbage scoreboard. 2,572,277, Oct. 23.
Peterson, Mary C., Nampa, Idaho. Shoulder rest double-arm sling. 2,560,243, July 10.
Peterson, Norman R., and R. L. Brown, assignors to The Dow Chemical Company, Midland, Mich. Making abrasion-resistant castings. 2,565,518, Aug. 28.
Peterson, Oscar R., Longview, Tex. Fluid operated clutch. 2,551,761, May 8.
Peterson, Oscar R., Oakland, and R. A. Peterson, San Leandro, Calif. Flexible motor fluid operated clutch. 2,578,487, Dec. 11.
Peterson, Palmer A., Duluth, Minn. Flush tank. 2,562,330, July 31.
Peterson, Paul A., Mellette, S. Dak. Smoking pipe. 2,569,189, Sept. 25.
Peterson, Paul F., Los Angeles, Calif., assignor to North American Aviation, Inc. Adjustable rear mount for machine guns. 2,537,419, Jan. 9.
Peterson, Paul F., Los Angeles, Calif., assignor to North American Aviation, Inc. Bore sighting fixture. 2,544,804, Mar. 13.
Peterson, Peter, assignor to The City Auto Stamping Company, Toledo, Ohio. Forming automobile body fenders. 2,556,738, June 12.
Peterson, Raymond R., assignor to American Forging and Socket Company, Pontiac, Mich. Variable output hand-operated brake cable actuator. 2,555,811, June 5.
Peterson, Robert A.: *See*—
Peterson, Oscar R. and R. A.
Peterson, Robert H.: *See*—
Broadwell, Herbert S., and Peterson.
Peterson, Robert H., assignor to Bendix Aviation Corporation, South Bend, Ind. Pressure regulator. 2,544,040, Mar. 6.
Peterson, Roy E., assignor, by mesne assignments, to The E. H. Hotchkiss Company, Norwalk, Conn. Stapling hammer. 2,537,601, Jan. 9.
Peterson, Roy E., assignor to The E. H. Hotchkiss Company, Norwalk, Conn. Feed mechanism for stapling machines. 2,542,879, Feb. 20.
Peterson, Roy W., Fresno, Calif. Cold process for producing an improved soap composition. 2,547,280, Apr. 3.
Peterson, Ruben O., University Heights, and V. K. Charvat, Lakewood, assignors to The Osborn Manufacturing Company, Cleveland, Ohio. Brush manufacture. 2,580,378, Dec. 25.
Peterson, Ruth A., Gary, Ind. Child's sleeping bag. 2,562,061, July 24.
Peterson, Ruth L., administratrix: *See*—
Peterson, John B.
Peterson, Seth E., Bogota, Colombia, and M. E. Griffins, Riverside, assignors to Associated Electric Laboratories, Inc., Chicago, Ill. Switching arrangement for combined manual and automatic telephone systems. 2,556,103, June 5.
Peterson, Simon J., assignor to Imperial Products, Inc., Miami, Fla. Valve grinding machine. 2,560,816, July 17.
Peterson, Thomas F., Jr., Shaker Heights, Ohio. Perpetual calendar. 2,567,395, Sept. 11.
Peterson, Vincent C.: *See*—
Lamar, Charles C., and Peterson.
Peterson, Vincent C. J., Forty Fort, Pa., assignor to American Chain & Cable Company, Inc., Bridgeport, Conn. Braided eye for sling. 2,575,974, Nov. 20.
Peterson, Walter H., Point Richmond, assignor to Shell Development Company, San Francisco, Calif. Water-resistant greases. 2,573,650, Oct. 30.
Peterson, Walter R., Hinsdale, Ill., assignor to International Harvester Company. Drying barn for agricultural crops. 2,551,460, May 1.
Peterson, Walter R., Hinsdale, Ill., assignor to International Harvester Company. Wagon unloader and elevator power drive mechanism. 2,555,558, June 5.
Peterson, Walter R., Hinsdale, and A. C. Radtke, Oak Park, Ill., assignors to International Harvester Company. Bale handling vehicle. 2,569,190, Sept. 25.
Peterson, Walter R., Hinsdale, Ill., and E. R. Johnson, Ames, Iowa, assignors to International Harvester Company. Wagon unloading attachment for pneumatic elevators. 2,569,191, Sept. 25.
Peterson, Walter S., Sr., Denver, Colo. Fishhook-forming device. 2,567,396, Sept. 11.
Peterson, Wayne, Moorhead, Minn. Stereotype casting machine. 2,566,581, Sept. 4.
Peterson, William R., Oswego, assignor to St. Regis Paper Company, New York, N. Y. Apparatus for packing fruit and the like. 2,536,516, Jan. 2.
Pethick, Hannah J., executrix: *See*—
Pethick, William H.
Pethick, William H., deceased, Regina, Saskatchewan, Canada, by H. J. Pethick, executrix. Implement hitch. 2,562,817, July 31.
Pethrick, Samuel R.: *See*—
Howes, Donald A., and Pethrick.
Petion, Louis J., East Orange, assignor to S. W. Allen, Stanhope, N. J. Marking and lettering brush. 2,543,195, Feb. 27.
Petit, Jean F. G., assignor to Societe d'Exploitation de Brevets, Paris, France. Commutator electric machine. 2,552,863, May 15.
Petit, Laurence A., Chicago, Ill. Carbon pack holder for manifold typewriters. 2,572,278, Oct. 23.
Petit, Laurence A., Chicago, Ill. Carbon pack holder for manifold typewriters. 2,572,279, Oct. 23.
Petit, William H.: *See*—
Schwend, Fred N., and Petit.
Petitcolas, Pierre, Rouen, R. F. M. Sureau, Mont-St.-Aignan, and A. P. Richard, Oissel, assignors to Societe Anonyme de Matieres Colorantes et Produits Chimiques Francolor, Paris, France. Indazole azo dyestuff. 2,544,936, Mar. 13.
Petivan, Arthur J., Jr.: *See*—
Thiac, Lillian M., and Petivan.
Petke, Frederick E., Cincinnati, Ohio, assignor to Sterling Drug Inc., Wilmington, Del. Yellow Printing ink. 2,567,963, Sept. 18.
Petke, Frederick E., Cincinnati, Ohio, assignor to Sterling Drug Inc., Wilmington, Del. Red printing ink. 2,567,964, Sept. 18.
Petke, Frederick E., Cincinnati, Ohio, assignor to Sterling Drug Inc., Wilmington, Del. Blue printing ink. 2,567,965, Sept. 18.
Petkewicz, William B., Dayton, assignor to The Orr Felt & Blanket Company, Piqua, Ohio. Wear tester. 2,561,133, July 17.
Petkwitz, Carl F., assignor to General Motors Corporation, Dayton, Ohio. Storage drawer for refrigerating apparatus. 2,573,272, Oct. 30.
Peto, Conrad: *See*—
Briskin, Mack, and Peto.
Petr, Václav, Jr., Brno, Czechoslovakia. Blower. 2,548,615, Apr. 10.
Petr, Václav, Jr., Brunn, Czechoslovakia. Ventilator. 2,553,001, May 15.
Petr, Vaclav, Jr., Brunn, Czechoslovakia. Blower. 2,562,388, July 31.
Petrakakis, Emanuel, New York, N. Y. Fluted shield for headlights. 2,550,594, Apr. 24.
Petrea, James C.: *See*—
Smith, Haywood C., and Petrea.

Petrie, Arthur J., Oklahoma City, Okla. Baby walker. 2,538,324, Jan. 16.
Petrie, Eugene G.: *See*—
Dopp, Carl A., and Petrie.
Petrie, James E., assignor to Petrie Specialties Co., Minneapolis, Minn. Clip. 2,574,755, Nov. 13.
Petrie, John W., New Haven, Conn. Dispensing container. 2,553,535, May 15.
Petrie Specialties Co., assignee: *See*—
Petrie, James E.
Petrilli, Santy C., assignor to General Candy Corporation, Chicago, Ill. Article transfer mechanism. 2,546,951, Mar. 27.
Petrilli, Santy C., assignor to General Candy Corporation, Chicago, Ill. Apparatus for coating candy bars. 2,551,849, May 8.
Petrime, Joseph K., Mayfield Heights, Ohio. Convertible skate. 2,548,391, Apr. 10.
Petrocarbon Limited, assignee: *See*—
Aicher, Alfred A.
Boyd-Barrett, Herbert S., Holker, and Steiner.
Charlton, Henry E.
Clar, Eric.
Gray, Vincent R., and Steiner.
Petro-Chem Process Company, Incorporated, assignee: *See*—
Litell, John, and Wallis.
Throckmorton, John W., and Wallis.
Wallis, John S., and Throckmorton.
Petroff, Leo W., assignee: *See*—
Di Ghilini, Ulrich L.
Petroff, Merlin, Lake Bluff, assignor to Stewart-Warner Corporation, Chicago, Ill. Tuning assembly. 2,550,162, Apr. 24.
Petroff, Merlin, Lake Bluff, asignor to Stewart-Warner Corporation, Chicago, Ill. Remote-control positioning circuit. 2,553,208, May 15.
Petrolite Corporation, Ltd., assignee: *See*—
Blair, Charles M., Jr.
De Groote, Melvin.
De Groote, Melvin, and Keiser.
De Groote, Melvin, and Wirtel.
De Groote, Melvin, Wirtel, and Pettingill.
Eberz, William F.
Pettefer, Robert L., and Badger.
Turner, Delber W.
Petrome, James, assignor to Stanley Home Products, Inc., Westfield, Mass. Apparatus for filling brush handles. 2,554,635, May 29.
Petros, George J.: *See*—
Beales, Kenneth R., and Petros.
Petroske, John J., Methuen, Mass., assignor to Patchogue-Plymouth Mills Corporation, New York, N. Y. Waterproofing paper textile fabrics. 2,536,656, Jan. 2.
Petrov, Arthur, St. Louis, Mo. Doll voice mechanism. 2,537,157, Jan. 9.
Petrovicki, Herbert: *See*—
Abrahamczik, Ernst, Petrovicki, and Schaffernak.
Petrucci, Giuseppe, Caracas, Venezuela. Liquid dispensing apparatus. 2,545,303, Mar. 13.
Petry, Robert K., Wilmington, Del., assignor to Delaware Floor Products Inc. Composition for floor and wall covering comprising plasticized vinyl resin and filler and making same. 2,558,378, June 26.
Petsch, Harold A., Minneapolis, Minn. Injecting a flowable substance into a stream of liquid. 2,574,756, Nov. 13.
Petskeyes, Charles H., Davenport, Iowa, assignor to Gellman Manufacturing Company, Rock Island, Ill. Rotary hook mechanism for sewing machines. 2,548,815, Apr. 10.
Pett, Alfred W., Warwick, R. I. Flow controller. 2,570,152, Oct. 2.
Pettefer, Robert L., and G. M. Badger, Jr., Long Beach, Calif., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Level control system. 2,570,977, Oct. 9.
Pettengill, George D., and S. V. Fletcher, assignors to Warsaw Elevator Co., Warsaw, N. Y. Hydraulic elevator drive and control. 2,565,880, Aug. 28.
Pettengill, Ralph H., deceased, by R. M. Pettengill, executrix, Georgetown, Mass., and J. W. Sjostrom, assignors to Pope Machinery Corporation, Haverhill, Mass. Machine for breasting Louis heels. 2,544,470, Mar. 6.
Pettengill, Rita M., executrix: *See*—
Pettengill, Ralph H., and Sjostrom.
Pettersen, Gunnar N., Halden, Norway. Earth-pot press. 2,560,980, July 17.
Petterson, Adolf H., Goteborg, Sweden. Direction signal control mechanism. 2,554,057, May 22.
Petterson, Carl, assignor to Allmänna Svenska Elektriska Aktiebolaget, Vasteras, Sweden. Controlling ionic valves. 2,569,334, Sept. 25.
Pettibone Mulliken Corporation, assignee: *See*—
Clay, Murray G., and Scanlan.
Everett, Leroy E., and Hund.
Pettigrew, Garfield, Elwood, Ind. Identifying indicator for racing harness. 2,539,098, Jan. 23.
Pettigrove, John R., Bartlesville, Okla., assignor to Phillips Petroleum Company. Liquid volume indicator. 2,568,361, Sept. 18.
Pettingell, George R. D., Portland, Oreg. Ceiling duct system. 2,563,268, Aug. 7.
Pettingill, Owen H.: *See*—
De Groote, Melvin, Wirtel, and Pettingill.
Pettit, Frank, Union, N. J. Nursing bottle holder. 2,558,978, July 3.
Pettit, William T., Youngstown, Ohio. Container. 2,571,482, Oct. 16.
Pettitt, Robert M., Fresno, Calif. Endless chain mulcher. 2,554,719, May 29.
Pettman, Albert V., Epson, New Zealand. Rotary cutterhead. 2,559,996, July 10.
Pettus, James L., Sherman Oaks, Calif., assignor to Radio Corporation of America. Adjustable lamp mount. 2,554,539, May 29.
Pettus, James L., North Hollywood, and F. E. Pontius, Los Angeles, Calif., assignors to Radio Corporation of America. Magnetic head and mount therefor. 2,574,707, Nov. 13.
Petty, Bernard L., Fairlington, Va. Cigarette dispenser. 2,566,808, Sept. 4.
Petty, Olive S., assignee: *See*—
Hasbrook, Arthur F.
Parr, Josephus O., Jr.
Petty, Uel N., Cushing, Okla. Refining milk and milk products. 2,547,281, Apr. 3.
Petz, John L., Poughkeepsie, assignor to International Business Machines Corporation, New York, N. Y. Stencil typing machine. 2,566,959, Sept. 4.
Petzinger, Ambrose J., Fair Lawn, N. J., assignor ot Westinghouse Electric Corporation, East Pittsburgh, Pa. Polyphase reactive component measuring device. 2,565,824, Aug. 28.
Petzinger, Ambrose J., Fair Lawn, N. J., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Meter with supervisory warning indicator. 2,571,938, Oct. 16.
Petzinger, Ambrose J., Fair Lawn, N. J., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Temperature-compensated phase-corrected thermal instrument. 2,573,929, Nov. 6.
Petzinger, Ambrose J., Fair Lawn, N. J., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Thermal meter, including variable positioning means for active elements. 2,575,728, Nov. 20.
Petzon, Arthur E., assignee: *See*—
Schaefer, Edward.
Peukert, Theodore J., Los Angeles, Calif. Liquid level control for volatile liquids. 2,577,358, Dec. 4.
Peurozet, Léon M., Asnieres, France. Visual figure checking device. 2,542,834, Feb. 20.
Pevney, Paul, Nassau Shores, N. Y., assignor to Republic Aviation Corporation. Transparent panel construction and mounting. 2,572,947, Oct. 30.
Pew, Donald D., assignor to Stopall Waterproofing Manufacturers Inc., Kalamazoo, Mich. Wood waterproofing composition. 2,549,127, Apr. 17.
Peyches, Ivan, assignor to Societe Anonyme des Manufactures des Glaces et Produits Chimiques de Saint-Gobain, Chauny & Cirey, Paris, France. Electrolytic method of protecting the wall of a glass furnace. 2,561,818, July 24.
Peyrebrune, Henri E., River Forest, assignor, by mesne assignments, to Miehle Printing Press & Manufacturing Company, Chicago, Ill. Pressure adjustment and trip for printing cylinders. 2,568,761, Sept. 25.
Peyrot, Pierre P.: *See*—
Bidaud, Auguste F., and Peyrot.
Peyrot, Pierre P., and P. J. Chevalier, Lyon, assignors to Societe des Usines Chimiques Rhone-Poulenc, Paris, France. Manufacturing asbestos-containing material. 2,546,474, Mar. 27.
Peyrot, Pierre P., Lyon, and L. J. Dumoulin, La Terrasse-sur-Dorley, assignors to Societe des Usines Chimiques Rhone-Poulenc, Paris, France. Electrical insulating materials. 2,559,791, July 10.
Peyser, Irving, Brooklyn, N. Y. Interchangeable handbag. 2,570,851, Oct. 9.
Pezza, Lazzaro: *See*—
Trimarchi, Joseph, and Pezza.
Pezzaglia, Philip, Oakland, assignor to Shell Development Company, San Francisco, Calif. Manufacture of organic peroxides. 2,537,853, Jan. 9.
Pfaff, Otto A., South Bend, Ind., assignor to American Wheelabrator & Equipment Corporation. Process and apparatus for the production of metallic shot. 2,563,064, Aug. 7.
Pfaff, Wesley: *See*—
Lake, Clair D., and Pfaff.
Lake, Clair D., Pfaff, and Piatt.
Pfahl, Wilbert C., Silver Lake, Ohio. Disappearing stairway. 2,577,914, Dec. 11.
Pfahler, Lloyd L., Mansfield, Ohio. Frog fish lure. 2,544,178, Mar. 6.
Pfann, William G., Chatham, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Semiconductor signal translating device. 2,561,411, July 24.
Pfann, William G., Chatham, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Semiconductor translating device. 2,563,504, Aug. 7.
Pfann, William G., Chatham, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Semiconductor translating device. 2,570,978, Oct. 9.
Pfann, William G., Chatham, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Manufacture of semiconductor translators. 2,577,803, Dec. 11.

Pfannmuller, Julius: *See*—
Wallerstein, Leo, Pfannmuller, and Noe.
Pfanstiehl Chemical Co., assignee: *See*—
Holtz, Frederick C., Jr.
John, Robert S.
Pfarrer, William H., assignor to Morris Machine Works, Baldwinsville, N. Y. Fabricated centrifugal pump. 2,537,084, Jan. 9.
Pfarrwaller, Erwin, assignor to Sulzer Freres, Societe Anonyme, Winterthur, Switzerland. Receiving and return mechanism for spoolless shuttles in looms for weaving. 2,538,798, Jan. 23.
Pfarrwaller, Erwin, assignor to Sulzer Freres, Societe Anonyme, Winterthur, Switzerland. Gripper-shuttle loom. 2,578,205, Dec. 11.
Pfarrwaller, Erwin J., assignor to Sulzer Freres, Societe Anonyme, Winterthur, Switzerland. Mechanism for starting and stopping weaving looms. 2,546,833, Mar. 27.
Pfau, Harry, Kenosha, Wis. Combination bed and seat equipment for automobiles. 2,546,834, Mar. 27.
Pfau, Julius H., Yonkers, N. Y., assignor to Alexander Smith, Incorporated. Knife support for Axminster looms. 2,575,834, Nov. 20.
Pfau, Julius H., Yonkers, and L. W. Rainard, Nyack, N. Y., assignors to Alexander Smith, Incorporated. Crimping textile fibers. 2,575,833, Nov. 20.
Pfau, William F., Norwood, Ohio. Combustion device comprising ash removing rotatable grate means. 2,551,547, May 1.
Pfau, William F., Norwood, Ohio. Movable grate structure and ash remover. 2,558,626, June 26.
Pfau, William F., Cincinnati, Ohio. Solid fuel feeding device. 2,567,397, Sept. 11.
Pfau, William F., Norwood, Ohio. Furnace grate structure including ash removal means. 2,568,657, Sept. 18.
Pfaudler Company, The, assignee: *See*—
Greene, Otto W.
Pfauser, Edward M., Elm Grove, and S. Mandl, assignors to Blackhawk Mfg. Co., Milwaukee, Wis. Ratchet mechanism. 2,571,939, Oct. 16.
Pfautsch, Raymond V., assignor to Ilg Electric Ventilating Company, Chicago, Ill. Shutter mounting for ventilating duct outlets. 2,579,395, Dec. 18.
Pfefferkorn, Frederick F., Washington, D. C. Food container. 2,546,166, Mar. 27.
Pfeifer, Charles, El Monte, Calif., assignor, by decree of court to N. H. Pfeifer, A. Stinson, S. Bateman, M. Vincent and I. Ross. Motor control system for deodorizing devices. 2,560,817, July 17.
Pfeifer, John C., and L. L. Laase, Vancouver, Wash. Sickle with stepped outer cutting edge. 2,551,899, May 8.
Pfeifer, John F.: *See*—
Bannister, Melvin P., and Pfeifer.
Pfeifer, Nicholas H., assignee: *See*—
Pfeifer, Charles F.
Pfeifer und Langen, assignee: *See*—
Langen, Eugen.
Pfeifer, William J., Point Pleasant, N. J., assignor to Forstner Chain Corporation. End connection for wrist watch straps and bracelets. 2,567,398, Sept. 11.
Pfeiffer, Franz, Innsbruck, assignor to D. Swarovski Glasfabrik und Tyrolit Schleifmittel-Werke, Wattens, Tirol, Austria. Boron carbide material and making same. 2,575,927, Nov. 20.
Pfeiffer, Fred B., Akron, Ohio. Method and apparatus for working sheet material. 2,547,835, Apr. 3.
Pfeiffer, Fred B., Akron, Ohio. Apparatus for working sheet material. 2,547,836, Apr. 3.
Pfeiffer, Fred B., Akron, Ohio. Wrapping method. 2,554,636, May 29.
Pfeiffer, George S., Oak Park, assignor to Stewart-Warner Corporation, Chicago, Ill. Control circuit. 2,563,742, Aug. 7.
Pfeiffer, John H., Ambler, assignor to Philco Corporation, Philadelphia, Pa. Lid stay. 2,549,128, Apr. 17.
Pfeiffer, Robert H., Lincoln, Nebr. Golf ball retriever. 2,538,325, Jan. 16.
Pfenninger, Hans, assignor, to Aktiengesellschaft Brown, Boveri & Cie, Baden, Switzerland. Combination gas turbine plant. 2,544,235, Mar. 6.
Pfenninger, Hans, assignor to Aktiengesellschaft Brown, Boveri & Cie, Baden, Switzerland. Combined steam generator and combustion gas turbine power plant. 2,568,024, Sept. 18.
Pfiffner, Joseph J., assignor to Parke, Davis & Company, Detroit, Mich. Vitamin products and obtaining the same. 2,545,304, Mar. 13.
Pfister Chemical Works, Inc., assignee: *See*—
Shulman, George.
Pfister, Karl, III, Westfield, N. J., C. A. Robinson, Cambridge, Mass., and M. Tishler, Westfield, assignors to Merck & Co., Inc., Rahway, N. J. Preparation of threonine and intermediates therefor. 2,571,755, Oct. 16.
Pfister, Karl, III, Scotch Plains, and M. Tishler, Westfield, assignors to Merck & Co., Inc., Rahway, N. J. Oxazolines. 2,571,940, Oct. 16.
Pfister, Lois, San Francisco, Calif., assignor to H. C. Ellis, as trustee. Fingernail polish guard. 2,557,759, June 19.
Pfistershammer, Josef, Wilhelmsburg, Austria. Metal rake. 2,570,852, Oct. 9.
Pfizer, Chas. & Co., Inc., assignee: *See*—
Regna, Peter P., and Solomons.
Regna, Peter P., and Solomons, III.
Regna, Peter P., Solomons, and Pasternack.
Solomons, Isaiah A., III.
Pflager, Harry M., St. Louis, Mo., assignor to General Steel Castings Corporation, Granite City, Ill. Railway truck. 2,538,380, Jan. 16.
Pflager, Harry M., St. Louis, Mo., assignor to General Steel Castings Corporation, Granite City, Ill. Railway truck. 2,565,519, Aug. 28.
Pfleger, Kenneth W., Arlington, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Equalizer for transmission lines. 2,550,595, Apr. 24.
Pfleger, Kenneth W., Arlington, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Equalizer for transmission lines. 2,550,596, Apr. 24.
Pfleger, Kenneth W., Arlington, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Relay. 2,580,123, Dec. 25.
Pfleghar, George W., Pleasantville, N. J. Fire extinguisher. 2,579,513, Dec. 25.
Pfleumer, Hans, New Brunswick, N. J., assignor to Rubatex Products, Inc., New York, N. Y. Buoyant disk. 2,540,831, Feb. 6.
Pfleumer, Hans, New Brunswick, N. J., assignor to Rubatex Products, Inc., New York, N. Y. Making closed cell cellular soft rubber sheet by single vulcanization and external gassing. 2,546,868, Mar. 27.
Pflueger, John L., New Orleans, La. Advertising apparatus. 2,546,236, Mar. 27.
Pflug, Werner: *See*—
Dreyer, Edward L., and Pflug.
Pfluger, Helmuth L., Spring Mill, assignor to Quaker Chemical Products Corporation, Conshohocken, Pa. Hydrolyzing copolymers of maleic acid derivatives. 2,565,147, Aug. 21.
Pflum, John S., Connersville, Ind. Welding torch igniter. 2,561,480, July 24.
Pfotenhauer, Karl: *See*—
Candolini, Giuseppe, and Pfotenhauer.
Pfrehm, Wilson H.: *See*—
Jackson, Vesper L., Pfrehm, and Danekas.
Pfuetzer, Georg, and O. Flieg, Limburgerhof, Germany. Preservation of green fodder. 2,552,059, May 8.
Pfund, August H., Baltimore, Md., assignor to United States of America as represented by the Secretary of the Navy. Manometric gas detector. 2,573,870, Nov. 6.
Phaneuf, Edgar A., Southborough, Mass., assignor to General Electric Company. Synchronous motor. 2,541,830, Feb. 13.
Phaneuf, Edgar A., Southborough, Mass., assignor to Telechron, Inc. Series flux vibrator for use on synchronous clock motors. 2,562,734, July 31.
Phaneuf, Joseph R., and D. A. Tebo, Southbridge, Mass. Shuttle tip connection means. 2,548,052, Apr. 10.
Phaneuf, Raymond A., Waterbury, Conn. Posting tray for bookkeeping machines. 2,539,923, Jan. 30.
Pharma-Craft Corporation, The, assignee: *See*—
Vuillemenot, Robert P.
Pheazey, John R., London England, assignor to International Standard Electric Corporation, New York, N. Y. Method and machine for making electric communication cables. 2,572,052, Oct. 23.
Phelan, George W., St. Louis, Mo. Portable individual fire escape. 2,544,964, Mar. 13.
Phelon, Russell E., Longmeadow, Mass. Holder for articles of magnetic material. 2,565,624, Aug. 28.
Phelon, Russell E., Longmeadow, Mass. Holder for articles of magnetic material. 2,565,625, Aug. 28.
Phelon, Russell E., West Springfield, Mass. Rotor for flywheel magneto and magnet unit therefor. 2,538,534, Jan. 16.
Phelon, Russell E., West Springfield, Mass. Holder for articles of magnetic material. 2,572,514, Oct. 23.
Phelphs, Walter A., Madison, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephotograph system, including a pilot gain control channel. 2,554,153, May 22.
Phelps, Byron E.: *See*—
Palmer, Ralph L., and Phelps.
Phelps Dodge Copper Products Corporation, assignee: *See*—
Del Mar, William A.
Phelps Dodge Corporation, assignee: *See*—
Arbiter, Nathaniel, and Young.
Tuwiner, Sidney B.
Phelps, George, assignor to Communication Equipment and Engineering Company, Chicago, Ill. Coin-controlled program distribution system. 2,542,568, Feb. 20.
Phelps, George H., Floral Park, and G. Frischmann, Queens Village, assignors to Metropolitan Engineering Company, Brooklyn, N. Y. Flanged article. 2,564,372, Aug. 14.
Phelps, Guy L., Oklahoma City, Okla. Hand loom. 2,573,484, Oct. 30.
Phelps, Henry V., Nitta Yuma, Miss. Cotton seed planter. 2,550,291, Apr. 24.
Phelps, Isabelle R., assignor to Turner Jones Company, Inc., New York, N. Y. Apron. 2,538,471, Jan. 16.
Phelps Manufacturing Company, The, assignee: *See*—
Uhle, Emil K.

Phelps, Rex V., assignor to Warren Petroleum Corporation, Tulsa, Okla. Cargo-type tank vessel having separable tanks. 2,537,085, Jan. 9.
Phelps, Richard L., Canonsburg, Pa., and J. M. Salsbury, Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Defoliant and herbicide. 2,557,997, June 26.
Phelps, Ross W., Orillia, and L. T. Rutledge, Kingston, Ontario, Canada, said Rutledge assignor to said Phelps. Governor with adjusting mechanism. 2,544,352, Mar. 6.
Phelps, Sydney A. F.: *See*—
Calcutt, William H., and Phelps.
Phelps, William H., Ralston, Nebr. Mowing machine. 2,552,583, May 15.
Phelps, William H., Ralston, Nebr. Power mower. 2,559,897, July 10.
Phelps, William H., Ralston, Nebr. Air cleaner. 2,562,331, July 31.
Phenning, John H., assignor to Vulcan Manufacturing Co. Inc., Winona, Minn. Rigid handle axle jack. 2,550,163, Apr. 24.
Philadelphia Gear Works, Inc., assignee: *See*—
Kron, Harold O.
Philadelphia Metal Drying Form Company, Inc., assignee: *See*—
Seligman, Joseph.
Philadelphia Quartz Company, assignee: *See*—
Hay, Harold R.
Hazel, James F.
Kreyling, Robert L.
Philadelphia Textile Finishers, Inc., assignee: *See*—
Sostman, Morris J., and Phillips.
Philadelphia Thermometer Company, The, assignee: *See*—
Engelhardt, Hugo, and Collins.
Philadelphia Valve Company, assignee: *See*—
Jensen, James A.
Philbrick, Frank H., assignee: *See*—
Donahue, George T.
Philbrick, Frank H., Chicago, Ill. Ballast tamping machine. 2,536,887, Jan. 2.
Philco Corporation, assignee: *See*—
Amore, Leo J.
Bocciarelli, Carlo V.
Boothroyd, Wilson P., and Forster.
Bothroyd, Wilson P., and Free.
Bradley, William E.
Carson, George L.
Cheney, Oliver F.
Cranmer, Richard S.
Curtiss, George E., Jr.
Eland, Robert C. A.
Emerson, Kenneth H.
Forster, William H.
Free, Albert L., and Hoffman.
Grassle, George J.
Gratzner, Raymond I.
Green, Julius.
Hershinger, Lincoln W.
Hoagland, Clifford C.
Kennedy, Gilbert J.
Lingenbrink, Hermann E. F. C.
Mankin, Arthur H.
Montgomery, Andrew P.
Moore, Robert C.
Moore, Robert C., and Carson.
Nichol, Arthur V.
O'Neal, Cleon D.
Peltier, Frank D., and Terry.
Pfeiffer, John H.
Pond, Chester C.
Rudolph, William E.
Schaefer, Carl W. D.
Schweiss, Walter W., and Gratzner.
Scofield, Donald W.
Simpson, Oscar T.
Spielman, Sterling C.
Stone, Paul L.
Sunstein, David E.
Sunstein, David E., and Mankin.
Tellier, Joseph C.
Tellier, Joseph C., and Alter.
Tiley, John W.
Toman, Lee L.
Tourteilot, John A.
Voegtlin, Elmo N., O'Neal, and Johnston.
Zepp, Louis H., and Hayward.
Philipp, Lawrence A., assignor to Nash-Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus. 2,539,099, Jan. 23.
Philipp, Lawrence A., assignor to Nash-Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus having means to prevent wetting of insulation. 2,543,196, Feb. 27.
Philipp, Lawrence A., assignor to Nash-Kelvinator Corporation, Detroit, Mich. Refrigerant evaporator. 2,544,937, Mar. 13.
Philipp, Lawrence A., assignor to Nash-Kelvinator Corporation, Detroit, Mich. Refrigerant evaporator. 2,544,938, Mar. 13.
Philipp, Lawrence A., assignor to Nash-Kelvinator Corporation, Detroit, Mich. Bottled beverage cooling device. 2,551,391, May 1.
Philipp, Lawrence A., assignor to Nash-Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus. 2,552,345, May 8.
Philipp, Lawrence A., assignor to Nash-Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus. 2,559,087, July 3.
Philipp, Lawrence A., assignor to Nash-Kelvinator Corporation, Detroit, Mich. Refrigerated tank. 2,562,638, July 31.
Philipp, Lawrence A., assignor to Nash-Kelvinator Corporation, Detroit, Mich. Making refrigerator cabinets. 2,579,396, Dec. 18.
Philippi, Edward: *See*—
Vosen, Roy and Philippi.
Philippi, George J.: *See*—
Crowell, Serge L., and Philippi.
Philippovic, Joachim W., Staines, assignor to C. H. Johnson & Sons, Limited, Manchester, England. Valve mechanism for power-driven rammers and pile drivers. 2,543,126, Feb. 27.
Philipps, Thomas E., Granville, Ohio, assignor to Owens-Corning Fiberglas Corporation. Mineral fiber mat and making same. 2,566,960, Sept. 4.
Philipps, Thomas E., Granville, Ohio, assignor to Owens-Corning Fiberglas Corporation. Air filter. 2,569,575, Oct. 2.
Philips Laboratories, Inc., assignee: *See*—
Brockman, Frank G.
Hamacher, Edward A.
Hiensch, Johannes N., and Beers.
Jamison, Noel C., Koppius, Kohler, and Black.
Knab, Max.
Meadows, George W.
Muller, Hendrik L., and Bouwman.
Parrish, William, and Hamacher.
Rittner, Edmund S.
Wilson, Arthur J. C.
Phillipi, Earl L.: *See*—
Alexanderson, Ernst F. W., Mittag, and Phillipi.
Phillips, Arlin F., assignee: *See*—
Phillips, Emmitt J.
Phillips, Arthur H.: *See*—
Pattison, Donald R., Lambert, and Phillips.
Phillips, Benjamin, Jr., Charleston, W. Va., assignor by mesne assignments, to Union Carbide and Carbon Corporation. Reaction of enol esters with alkoxy-carboxylic acid anhydrides. 2,568,296, Sept. 18.
Phillips, Benjamin, Jr., and W. M. Quattlebaum, Jr., Charleston, W. Va., assignors, by mesne assignments, to Union Carbide and Carbon Corporation. Polymerizing divinyl benzene and polyolefinic esters. 2,543,335, Feb. 27.
Phillips, Cecil, Jr., Baytown, Tex., assignor to Standard Oil Development Company, Elizabeth, N. J. Suppression of corrosion. 2,550,425, Apr. 24.
Phillips, Cecil, Jr., Baytown, Tex., assignor, by mesne assignments, to Standard Oil Development Company, Elizabeth, N. J. Preventing corrosion of metals. 2,577,626, Dec. 4.
Phillips, Charles H., Richmond, Va. Bed. 2,550,426, Apr. 24.
Phillips, Clarence W., Akron, Ohio. Cigarette rolling machine. 2,572,193, Oct. 23.
Phillips Control Corporation, assignee: *See*—
Wasserlein, Henry G.
Phillips, Edwin M., East Orange, N. J. Ring binder. 2,550,597, Apr. 24.
Phillips, Emmitt J., Los Angeles, Calif., assignor of one-third to A. F. Phillips, and one-third to L. J. Phillips. Combination vibrator and vacuum massage device. 2,561,034, July 17.
Phillips, Erwin, New York, assignor of two-fifths to A. Abraham, Jr., Oakwood, N. Y. Backing sheet for manifold copies. 2,560,701, July 17.
Phillips, Fay, and R. Lay, Denver, Colo. Finger comb. 2,568,898, Sept. 25.
Phillips Foundry Company, assignee: *See*—
Onfrey, George R.
Phillips, Frank H., Cleveland, Tenn. Excelsior knife. 2,576,190, Nov. 27.
Phillips, Fred C., Stoughton, Mass. Athletic shoe calk. 2,578,591, Dec. 11.
Phillips, George W. M.: *See*—
Eskew, Roderick K., Homiller, and Phillips.
Phillips, H. Swank, executor: *See*—
Fisher, Gertrude F.
Phillips, Harold P., assignor to Hastings Manufacturing Company, Hastings, Mich. Piston ring. 2,544,353, Mar. 6.
Phillips, Harold P., assignor to Hastings Manufacturing Company, Hastings, Mich. Piston ring assembly. 2,553,002, May 15.
Phillips, Harold P., assignor to Hastings Manufacturing Company, Hastings, Mich. Piston ring assembly. 2,564,993, Aug. 21.
Phillips, Harold P., assignor to Hastings Manufacturing Company, Hastings, Mich. Piston ring. 2,565,042, Aug. 21.
Phillips, Harold P., assignor to Hastings Manufacturing Company, Hastings, Mich. Piston ring. 2,569,777, Oct. 2.
Phillips, Harold P., assignor to Hastings Manufacturing Company, Hastings, Mich. Piston ring. 2,569,778, Oct. 2.

Phillips, Harold P., assignor to Hastings Manufacturing Company, Hastings, Mich. Piston ring assembly and element. 2,579,697, Dec. 25.
Phillips, Harold P., assignor to Hastings Manufacturing Company, Hastings, Mich. Piston ring. 2,579,698, Dec. 25.
Phillips, Harold P., assignor to Hastings Manufacturing Company, Hastings, Mich. Piston ring. 2,580,124, Dec. 25.
Phillips, Harold P., and V. D. Ackerman, assignors to Hastings Manufacturing Company, Hastings, Mich. Cylinder gauge. 2,564,994, Aug. 21.
Phillips, Harold P., and V. D. Ackerman, assignors to Hastings Manufacturing Company, Hastings, Mich. Piston ring assembly and groove filler element for use with piston rings. 2,579,699, Dec. 25.
Phillips, Harry, Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Machine for coating insole blanks. 2,567,234, Sept. 11.
Phillips, Harry A., Chicago, Ill. Feed for refrigerant injector for evaporators. 2,554,920, May 29.
Phillips, Harry A., Chicago, Ill. Compound system for liquid refrigerant return. 2,570,979, Oct. 9.
Phillips, Harry F., assignor to Baush Machine Tool Company, Springfield, Mass. Transfer mechanism. 2,559,-369, July 3.
Phillips, Harry F., assignor to Bausch Machine Tool Company, Springfield, Mass. Transfer mechanism. 2,570,589, Oct. 9.
Phillips, Harry T.: *See*—
Lievense, Peter A., and Phillips.
Phillips, Henry F., assignee: *See*—
Read, Arthur.
Phillips, Herbert R., Riverdale, N. Y. Exhaust extension and guard for automobiles. 2,568,409, Sept. 18.
Phillips, Herman, Sr., Evansville, Ind. Wheel alignment gauge. 2,543,197, Feb. 27.
Phillips, Hyman, assignor to Oscar Phillips Company, Cincinnati, Ohio. Fluorescent lighting fixture having means to center and align the fixture on a support. 2,574,886, Nov. 13.
Phillips, Irwin L.: *See*—
Sostmann, Morris J., and Phillips.
Phillips, James M., assignor to Phillips Mine and Mill Supply Company, Pittsburgh, Pa. Pallet type container. 2,553,273, May 15.
Phillips, John, Oakland, and F. K. Haines, San Francisco, Calif. Release mechanism for semiautomatic firearms. 2,538,799, Jan. 23.
Phillips, John D., St. Petersburg, Fla. Cranium suspender. 2,574,282, Nov. 6.
Phillips, John M., Grosse Pointe Park, Mich. Colostomy device. 2,557,998, June 26.
Phillips, Joseph S., Fort Worth, Tex. Awning with adjustable louvers. 2,560,303, July 10.
Phillips, Lawrence H., assignor to O. B. Andrews Company, Chattanooga, Tenn. Collapsible carton. 2,544,565, Mar. 6.
Phillips, Lawrence H., assignor to O. B. Andrews Company, Chattanooga, Tenn. Automatic lock bottom carton. 2,569,335, Sept. 25.
Phillips, Lela J., assignee: *See*—
Phillips, Emmitt J.
Phillips, Leonard R.: *See*—
Honerkamp, Friedrich, and Phillips.
Phillips, Leonard R., Teaneck, N. J., assignor to Anemostat Corporation of America, New York, N. Y. Air mixing and delivery device. 2,541,280, Feb. 13.
Phillips, Louis D., New York, N. Y. Adjustable spotlight. 2,539,321, Jan. 23.
Phillips Manufacturing Co., assignee: *See*—
Bash, John M.
Phillips Mine and Mill Supply Company, assignee: *See*—
Phillips, James M.
Phillips, Nelson E.: *See*—
Lovell, Wheeler G., and Phillips.
Phillips, Oscar, Company, assignee: *See*—
Phillips, Hyman.
Phillips, Paul D., Elmhurst, assignor to Benjamin Electric Mfg. Company, Desplaines, Ill. Lighting fixture and fittings therefor. 2,543,641, Feb. 27.
Phillips Petroleum Company, assignee: *See*—
Ackerman, Joseph, Jr., and Moberly.
Adams, Paul R.
Alexander, Cruzan, and Whaley.
Alleman, Carl E., and Quigg.
Allen, John G.
Antle, Herbert R.
Arnold, Philip M.
Atkinson, Robert G.
Axe, William N.
Ayers, Arnold L.
Baird, Bruce M.
Barton, Hugh M., Jr.
Bayless, Frederick B., and Chase.
Benedict, Bruce C.
Benedict, Bruce C., and Axe.
Benz, George R., and Mattocks.
Bergman, William E.
Beu, Karl E., and Claassen.
Britton, Sylvester C., and Schirmer.
Brooner, George M.
Brownlow, Cecil L.
Phillips Petroleum Company, assignee: *See*—Continued.
Buttolph, Doyle D.
Cade, George N.
Carnell, Paul H.
Chandler, Alanson W.
Clark, Alfred.
Crawford, Chester C., and Jaquier.
Crawford, Francis W., and Kirby-Smith.
Cromeans, John S.
Crouch, Willie W.
Crouch, Willie W., and Howe.
Crouch, Willie W., and Marhofer.
Doan, Richard L., and Fast.
Douce, William C.
Dutcher, Harris A.
Eberle, Jack F.
Eckhardt, Henry.
Edmonds, Lee O.
Engle, Charles J.
Ferro, Bernardo J., Jr.
Fleming, Harold W.
Frey, Frederick E.
Frey, Frederick E., and Condon.
Friedman, Alvin H.
Fryling, Charles F.
Fryling, Charles F., and Reynolds.
Garretson, Owen L.
Garretson, Owen L., and Peck.
Gibson, James D.
Gilmore, Forrest E.
Goins, Robert R.
Goodson, Luke B.
Goodson, Luke, and Guyer.
Grantham, Lloyd B.
Hachmuth, Karl H.
Hall, Dick S.
Hanmer, Robert S.
Hanson, George H.
Harbison, Lynn.
Hays, George E.
Hebard, Glen G.
Henneman, Clarence O., and Garretson
Hepp, Harold J.
Hepp, Harold J., and Kilpatrick.
Hillyer, John C.
Hillyer, John C., and Edmonds.
Hillyer, John C., and Moberly.
Hillyer, John C., and Wilson.
Himel, Chester M., and Edmonds.
Himel, Chester M., and Lee.
Houston, William L., Jr.
Hugo, Lester A., and Baker.
Hutchins, Joseph W.
Hutchinson, William M.
Jones, Jean P.
Jones, Jean P., and Axe.
Jones, Rufus V.
Kaveler, Herman H.
Kelley, Carl S.
Kelley, Carl S., and Lawson.
Kerr, Arthur N.
Knight, Thomas H.
Kramer, Burt R.
Krejci, Joseph C.
Lanning, William C.
Latchum, John W., Jr.
Lawson, Shelby D.
Lea, Peggy J., and Fisher.
Legatski, Harold R.
Little, Donald M.
Loy, John W.
Mahan, John E.
Mahan, John E., and Fauske.
Marhofer, Edwin G.
Mathy, Eugene V., and Helmers.
Matuszak, Maryan P.
Mayland, Bertrand J.
Mayland, Bertrand J., and Clark.
Mayland, Bertrand J., and White.
McCaslin, John W., and Hillyer.
McClendon, Ernest A.
Mertz, Clyde W., Cutcher, and McBride.
Meyers, Charles O.
Miller, Alvin J., and Groebe.
Mills, King L., Jr., and Helmers.
Mohney, Charles W.
Morris, Lloyd C.
Morse, Harold H.
Myers, John W.
Nash, Martin E.
Neuhart, Frederick C.
Oberfell, George G., and Cade.
O'Neil, John P.
Owen, James R.
Peck, Alvin W.
Peterson, Glen.
Peterson, Ivan A., and Palmer.
Pettigrove, John R.
Phillips, William L., and Stanley.
Pitzer, Emory W.
Pritchard, James E.
Quigg, Donald J., and Alleman.
Ray, Gardner C.
Ray, Gardner C., and Box.

Phillips Petroleum Company, assignee: *See*—Continued.
Rehrig, Alexander R.
Rehrig, Alexander R., and Strunk.
Reynolds, William B., and Cotten.
Ribble, John M.
Robinson, Sam P.
Rogers, Charles L.
Ryan, Martin A.
Sailors, Howard R.
Scarth, Virgil.
Schulze, Walter A., and Crouch.
Schulze, Walter A., and Mahan.
Sherwin, Douglas S.
Simms, Russell K.
Smith, Dan E.
Snyder, Harold R., and Stewart.
Sowden, Parkin T., Jr.
St. Clair, Theodore A.
Storment, Joseph E.
Strunk, Edward.
Strunk, Edward, and Vautrain.
Studebaker, Merton L.
Thomas, Rosswell W.
Tissol, Carolyn E., and Goodhue.
Tooke, James W., and Warner.
Trotter, Claude H., and Sweeney.
Tucker, Charles M.
Upham, John D
Uraneck, Carl A.
Utsinger, Edward L.
Vance, Frank P., Jr.
Waddill, Paul M., and Fowler.
Wagner, Cary R.
Wagner, Cary R., Axe and Himel.
Wagner, Cary R., and Ryan.
Weber, Louis J.
Whaley, Thomas H., Jr.
White, Charley L.
Whitney, William B.
Wicklatz, John E.
Wilson, Reagan T.

Phillips Publishers, Inc., assignee: *See*—
Freedman, William B., and Gettler.

Phillips, Ralph O.: *See*—
Johnson, Arthur C., Jr., and Phillips.

Phillips, Richard F.: *See*—
Rogers, Edward F., Phillips, Shunk, Koniuszy, and Folkers.

Phillips, Robert E., Los Angeles, Calif. Gravity operated sound-producing toy vehicle. 2,543,375, Feb. 27.

Phillips, Roy A., Peterborough, Ontario, Canada, assignor to General Electric Company. Reclosing mechanism for circuit breakers. 2,570,153, Oct. 2.

Phillips Screw Company, assignee: *See*—
Cambern, Cecil M.

Phillips Tutch Latch Co., assignee: *See*—
Nottingham, Ralph K.

Phillips, Virgil R., Campbellsville, Ky. Strap-suspended hopper containing a second hopper, with means to vary the flow of seed from a discharge common to both hoppers. 2,549,233, Apr. 17.

Phillips, Walt, North Arlington, N. J. Food flavor intensifiers. 2,539,160, Jan. 23.

Phillips, William D., and F. L. Hawkins, Birmingham, Ala. Stairway. 2,555,002, May 29.

Phillips, William L., Odessa, Tex., and C. P. Stanley, Tulsa, Okla., assignors to Phillips Petroleum Company. Controlling heating valve of natural gas. 2,547,970, Apr. 10.

Phillips, William M., Birmingham, and F. L. Clifton, assignors to General Motors Corporation, Detroit, Mich. Electrodeposition of copper. 2,563,360, Aug. 7.

Phillips, William W., Baltimore, Md. Selective frequency sound reproducer of the sound on film type. 2,540,285, Feb. 6.

Phillips, Willis W., Kermit, Tex. Tank cleaner and oil treater. 2,552,452, May 8.

Phillipson, Alice M., South Gate, P. M. Niersbach, Huntington Park, and G. H. Thompson, Los Angeles, Calif. Combined educational device, cabinet, and easel. 2,540,344, Feb. 6.

Philpott, La Verne R., Washington, D. C. Sweep system. 2,548,907, Apr. 17.

Philpott, La Verne R., Washington, D. C. Transconductance tester. 2,555,368, June 5.

Philpott, William J., London, England, assignor to Hugh Steeper Limited. Artificial limb. 2,568,297, Sept. 18.

Philpott, William J., London, England, assignor to Hugh Steeper Limited. Artificial hand. 2,568,298, Sept. 18.

Philpott, William J., London, England, assignor to Hugh Steeper Limited. Artificial hand. 2,568,299, Sept. 18.

Phipard, Harvey F., Jr.: *See*—
Brown, Frank K., Phipard, and Jenney.

Phipard, Harvey F., Jr., South Dartmouth, assignor to Research Engineering & Manufacturing, Inc., New Bedford, Mass. Self-locking fastener. 2,558,379, June 26.

Phipps, Carl E.: *See*—
Phipps, John T.

Phipps, Carolyn M., assignee: *See*—
Phipps, Charles A.

Phipps, Charles A., deceased, Hartsdale, N. Y.; F. N. Magill, executor of said Charles A. Phipps, assignor to C. M. Phipps, Hartsdale, N. Y. Removably securing window glass. 2,554,058, May 22.

Phipps, Charles A., deceased, Hartsdale, N. Y.; F. N. Magill, executor, assignor to C. M. Phipps, Hartsdale, N. Y. Apparatus for heat transfer between fluids. 2,577,359, Dec. 4.

Phipps, John D. B.: *See*—
Drigenko, Constantine, and Phipps.

Phipps, John T., Huntington Park, Calif., assignor, by mesne assignments, of one-third to himself, one-third to W. F. Sturdivant, and one-third to C. E. Phipps. Renewable pump piston. 2,566,994, Sept. 4.

Phipps, Orville, Denver, Colo. Drill stock power-drive coupling. 2,572,280, Oct. 23.

Phipps, Orville, Adams County, near Denver, Colo. Auger-type drill bit. 2,578,593, Dec. 11.

Phister, Albert B., Fort Thomas, Ky., assignor to The Phister Mfg. Co., Cincinnati, Ohio. Fire extinguisher nozzle. 2,557,838, June 19.

Phister Mfg. Co., The, assignee: *See*—
Phister, Albert B.

Phoenix Glass Company, The, assignee: *See*—
Stewart, Andrew H.

Phoenix Hosiery Company, assignee: *See*—
Ludwig, Johannes P.

Phoenix Metal Cap Co., Inc., assignee: *See*—
Crabbe, Lindsay T.

Photo Research Corporation, assignee: *See*—
Freund, Gertrude E.

Photoswitch, Incorporated, assignee: *See*—
Cade, Phillip J.
Giuffrida, Philip.
Long, John A.
MacDougall, Donald J., and Cade.
McFee, Raymond H.
Thomson, Elihu C.

Phythian, Thomas E., Headingly, assignor to R. W. Crabtree & Sons Limited, Leeds, England. Sheet collating mechanism. 2,561,070, July 17.

Piano Cello-Tone Company, assignee: *See*—
Crippen, Herbert O., Sr.

Piar, Elmer A., Cleveland, Ohio. Medical electrode. 2,547,041, Apr. 3.

Piasecki Helicopter Corporation, assignee: *See*—
Meyers, Donald N.

Piatt, Donald R.: *See*—
Lake, Clair D., Pfaff, and Piatt.

Piazze, Thomas E., Mount Vernon, Ohio, assignor to Shellmar Products Corporation, Chicago, Ill. Carton handling machine. 2,541,607, Feb. 13.

Piazze, Thomas E., Mount Vernon, Ohio, assignor to Shellmar Products Corporation, Chicago, Ill. Nursing unit. 2,541,934, Feb. 13.

Piazze, Thomas E., assignor to Shellmar Products Corporation, Mount Vernon, Ohio. Web cutting mechanism. 2,551,335, May 1.

Piazze, Thomas E., Mount Vernon, Ohio, assignor to Shellmar Products Corporation, Chicago, Ill. Dispensing carton. 2,557,839, June 19.

Piazze, Thomas E., assignor, by mesne assignments, to Shellmar Products Corporation, Mount Vernon, Ohio. Tobacco pouch and making same. 2,558,780, July 3.

Piazze, Thomas E., assignor, by mesne assignments, to Shellmar Products Corporation, Mount Vernon, Ohio. Bag and method. 2,562,389, July 31.

Piazze, Thomas E., and B. W. Martin, Mount Vernon, Ohio, assignors to Shellmar Products Corporation, Chicago, Ill. Heat sealing tool. 2,579,088, Dec. 18.

Piasecki, Frank N., Lansdowne, assignor, by mesne assignments, to Piasecki Helicopter Corporation, Morton, Pa. Tandem rotor helicopter. 2,552,864, May 15.

Piasecki Helicopter Corporation, assignee: *See*—
Daland, Elliot.
Piasecki, Frank N.

Piatt Products Corporation, assignee: *See*—
Thomas, Charles P., and Andrews.

Picanol, Jaime, Ypres, Belgium. Center selvedge forming device. 2,547,170, Apr. 3.

Picard, Leo U., St. Joseph, Mich. Navigational instrument. 2,562,241, July 31.

Picard, René, Paris, and A. Bonnet, Vaulx-en-Velin, assignors, by mesne assignments, to Societe Novacel, Paris, France. Making retractile articles. 2,542,353, Feb. 20.

Picardel, Charles: *See*—
Castel, Henri, and Picardel.

Picchioni, Luigi: *See*—
Corsi, Telemaco, and Picchioni.

Piccoli, Girolamo, Croton on Hudson, assignor to Faberge Inc., New York, N. Y. Perfume container and dispenser. 2,579,202, Dec. 18.

Pichette, John J., Whitinsville, Mass. Bobbin spindle construction. 2,559,461, July 3.

Pichler, Edward H., Snohomish, Wash. Hobbyhorse. 2,551,632, May 8.

Pick, Eric, East Rockaway, assignor to The Permutit Company, New York, N. Y. Liquid treating apparatus. 2,562,735, July 31.

Pick, Lewis G., Tuckahoe, N. Y. Tool for preparing pipes and fittings for soldered, brazed, or coupling assemblies. 2,556,041, June 5.

Pick Manufacturing Company, assignee: *See*—
Weasler, Anthony V.

Pickands, Alexander B., assignee: *See*—
Raiche, Louis I.

Pickard, Alfred E., assignee: *See*—
McNail, Orland D.
Pickell, Clark A., assignor to General Railway Signal Company, Rochester, N. Y. Switch and signal control system for railroads. 2,550,859, May 1.
Pickell, Lewis G., Medford, Oreg. Cabinet having removable closure supportable as table. 2,552,380, May 8.
Pickens, Ernest R., Dinuba, Calif. Platform rocker. 2,565,574, Aug. 28.
Pickens, John D., Metuchen, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Laminate using polyamide adhesive. 2,542,288, Feb. 20.
Pickens, Orville J.: *See*—
Edgar, Albert C., and Pickens.
Picker X-ray Corporation Waite Manufacturing Division, Inc., assignee: *See*—
Ball, Jack, and Graves.
Goldfield, Edwin R., and Ball.
Pickering Associates, Inc., assignee: *See*—
Pickering, Norman C.
Pickering, Lenox K., New York, N. Y. Cup dispenser. 2,556,852, June 12.
Pickering, Norman C., Rockville Centre, assignor to Pickering Associates, Inc., Oceanside, N. Y. Electromagnetic sound reproducer. 2,538,164, Jan. 16.
Pickering, Norman C., Rockville Centre, assignor to Pickering Associates, Inc., Oceanside, N. Y. Magnetic sound reproducer having removable stylus assembly. 2,543,127, Feb. 27.
Pickering, Norman C., Rockville Centre, assignor to Pickering Associates, Inc., Oceanside, N. Y. Magnetic sound reproducer having two styli. 2,545,859, Mar. 20.
Pickett, Andrew B., U. S. Army, New Orleans, La. Apparatus and process for launching revetments. 2,570,271, Oct. 9.
Pickett, Herbert, Houston, Tex. Micrometer caliper with ball pivot and cam. 2,559,170, July 3.
Pickett, Jewell L., Hannibal, Mo. Carrier accessory for vehicles. 2,549,129, Apr. 17.
Pickholz, Siegfried, Greenford, and E. Roberts, London, assignors to Peboc Limited, Greenford, England. Production of 7-halogen-osterols. 2,568,025, Sept. 18.
Picking, Jay W., Cleveland, Ohio, assignor to The Reliance Electric & Engineering Company. Electric motor braking system. 2,554,382, May 22.
Pickle, Chesley B.: *See*—
Marsh, Charles R., and Pickle.
Pickles, Sidney B., Jackson Heights, assignor to Federal Telephone and Radio Corporation, New York, N. Y. Radio antenna. 2,577,804, Dec. 11.
Pickles, Sidney B., North White Plains, assignor to International Standard Electric Corporation, New York, N. Y. Absorbing screen for directive radiation. 2,538,035, Jan. 16.
Pickren, James H., assignor, by mesne assignments, to American Celcure Wood Preserving Corporation, Jacksonville, Fla. Wood treating preparations. 2,557,062, June 19.
Picton, John B., assignor to Joshua Bigwood & Son, Limited, Wolverhampton, England. Machine for folding strip into tubes or sections. 2,561,634, July 24.
Picton, John B., assignor to Joshua Bigwood and Son, Limited, Wolverhampton, England. Machine for stripping sheet metal. 2,579,700, Dec. 25.
Pidduck, Thomas G., Bremerton, Wash. Spring comparator. 2,577,805, Dec. 11.
Pidgeon, Elmer F., Spiceland, Ind. Pulley fork. 2,539,031, Jan. 23.
Piechaczek, Alojzy, Glasgow, Scotland. Surgical injection apparatus. 2,577,481, Dec. 4.
Piekarski, Stefan, Mragowo, Poland. Keyboard for typewriters. 2,576,039, Nov. 20.
Piel, Adam: *See*—
Piel, Arnold, A., S., F., and E.
Piel, Arnold, A., S., F., and E., Worland, Wyo. Beet topping machine. 2,538,121, Jan. 16.
Piel, Edward: *See*—
Piel, Arnold, A., S., F., and E.
Piel, Ferdinand: *See*—
Piel, Arnold, A., S., F., and E.
Piel, Sam: *See*—
Piel, Arnold, A., S., F., and E.
Pielstick, Gustav, Saint Germain en Laye, France. Fuel injection pump for combustion engines. 2,576,263, Nov. 27.
Pielstick, Gustav, Saint-Germain-en-Laye, France. Multiple power plant, including an electric generator. 2,579,126, Dec. 18.
Pieper, Alphonse F., Brighton, N. Y. Strand guiding means for winding machinery. 2,579,011, Dec. 18.
Pieper, Willi, Zurich, Switzerland. Adjustable drafting table with brake mechanism. 2,539,700, Jan. 30.
Pierce, Abel E., Wayne, Mich. Supplement rear gun sight. 2,546,777, Mar. 27.
Pierce, Bernard N., Avon, assignor to The Merrow Machine Company, Hartford, Conn. Needle carrier. 2,549,232, Apr. 17.
Pierce, Clayton B., assignor to Emerol Manufacturing Co., Inc., New York, N. Y. Upper cylinder lubricator. 2,539,924, Jan. 30.
Pierce, Clayton B., assignor to Emerol Manufacturing Co., Inc., New York, N. Y. Internal-combustion engine liquid feeding system. 2,558,979, July 3.
Pierce Company, assignee: *See*—
Calkin, Frank G.
Finch, William G. H.
Volz, Philip E.
Pierce, Conway, Detroit, Mich. Smoke eliminating apparatus. 2,562,507, July 31.
Pierce, Daniel H., Birmingham, Mich. Self-adjusting tappet for internal-combustion engines. 2,570,853, Oct. 9.
Pierce, Daniel H., Birmingham, Mich. Self-adjusting tappet for internal-combustion engines. 2,570,854, Oct. 9.
Pierce, Earl M.: *See*—
Weidman, Fred, and Pierce.
Pierce, Earle C., Middlebury, Conn. Trimming board. 2,559,088, July 3.
Pierce, Edith H., Detroit, Mich., and E. M. Schantz, Zenia, Ohio, assignors to Audiscope Corporation. Visual instruction device. 2,547,535, Apr. 3.
Pierce, Ernest E., Dallas, Tex. Folding stairs. 2,572,281, Oct. 23.
Pierce, Erold F.: *See*—
Wiegand, Francis J., and Pierce.
Pierce, Firth, and G. A. Brettell, Jr., San Diego, Calif., assignors to the United States of America as represented by the Secretary of the Navy. Plotter. 2,566,247, Aug. 28.
Pierce, Gaylord I., San Diego, Calif. Sheet realigning attachment for typewriters. 2,578,088, Dec. 11.
Pierce, George M., Los Angeles, Calif. Shadow box device for traveling letter signs. 2,552,112, May 8.
Pierce Governor Company, Inc., The, assignee: *See*—
Reger, Raymond.
Pierce, Harold C., Pomona, Calif. Box load support. 2,569,731, Oct. 2.
Pierce, Harold C., Pomona, Calif. Flexible power transmitting mechanism. 2,574,657, Nov. 13.
Pierce, Harold C., Pomona, Calif. Lading brace for freight cars. 2,574,658, Nov. 13.
Pierce, Harold S., Indianapolis, Ind., assignor to Link-Belt Company. Balance chain. 2,572,755, Oct. 23.
Pierce, Jerry A., Baton Rouge, La., assignor to Standard Oil Development Company. Magnetite containing catalyst for the synthesis of hydrocarbons. 2,537,699, Jan. 9.
Pierce, Jerry A., and R. W. Richardson, Baton Rouge, La., assignors to Standard Oil Development Company. Catalyst for the synthesis of hydrocarbons. 2,541,663, Feb. 13.
Pierce, John B., Foundation, assignee: *See*—
O'Brien, Joseph F., and Boynton.
O'Brien, Joseph F., and Cataldo.
O'Brien, Joseph F., Cataldo, and Vroom.
O'Brien, Joseph F., and Podhorzer.
Stilwell, William E., Jr.
Pierce, John R., Millburn, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Communication system employing pulse code modulation. 2,538,266, Jan. 16.
Pierce, John R., Millburn, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Linear accelerator for charged particles. 2,556,978, June 12.
Pierce, John R., Millburn, N. J. assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Visible indicator for radio object locators. 2,560,818, July 17.
Pierce, John R., Millburn, and W. G. Shepherd, Summit, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Gaseous electron discharge device. 2,538,267, Jan. 16.
Pierce, John R., Millburn, N. J., C. E. Shannon, New York, N. Y., and J. W. Tukey, Princeton, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Cathode-ray device. 2,576,040, Nov. 20.
Pierce, John S., assignor to University of Richmond, Richmond, Va. Alkylaminoalkyl esters of aryl urethans. 2,576,079, Nov. 20.
Pierce, Johnie O., assignee: *See*—
Vanderhider, Henry M.
Pierce Laboratory, Inc., assignee: *See*—
Zeiss, Harold H.
Pierce, Lawrence: *See*—
Ponstingl, John C., and Pierce.
Pierce, Lawrence, Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Electromagnetic contactor. 2,542,835, Feb. 20.
Pierce, Robert C., assignor to National-Standard Company, Niles, Mich. Stranding machine. 2,567,347, Sept. 11.
Pierce, Russell F., Terre Haute, Ind., assignor to The Visking Corporation, Chicago, Ill. Apparatus for and method of treating film. 2,551,966, May 8.
Piéri, Jean, and J. Casalonga, Marseille, France. Flexible medical probe. 2,574,840, Nov. 13.
Pierotti, Gino J.: *See*—
Reider, Charles M., and Pierotti.
Pierotti, Gino J., Albany, F. A. French, Berkeley, and M. Souders, Jr., Piedmont, assignors to Shell Development Company, San Francisco, Calif. Separation of nonneutral electrolytes. 2,556,213, June 12.
Pierotti, Gino J., Albany, A. E. Handlos, Berkeley, and C. M. Reider, Alameda, assignors to Shell Development Company, San Francisco, Calif. Separation of saturated from unsaturated aldehydes. 2,574,935, Nov. 13.

Pierrat, Paul, and E. Colombu, Paris, France, assignors to La Cellophane. Hood for collecting gases. 2,578,635, Dec. 11.
Pierre, Emile A., Valenciennes, France. Support of workings in underground development. 2,554,210, May 22.
Pierson, Charles A., Maumee, Ohio. Oven vent. 2,556,597, June 12.
Pierson, Reginald K., and R. A. Firman, Weybridge, assignors to Vickers-Armstrongs Limited, London, England. Bomb slip, towing gear, and analogous releasable attachment. 2,548,053, Apr. 10.
Pierson, Reuben E., and C. W. Herwig, Seattle, Wash. Scaffold supporting structure. 2,577,979, Dec. 11.
Pies, Othmar W., Cincinnati, assignor, by mesne assignments, to Aqua-Sportsman, Inc., Norwood, Ohio. Automatic reel control mechanism. 2,555,604, June 5.
Piesbergen, Norman R.: *See*—
Mowry, David T., and Piesbergen.
Pieth, Peter: *See*—
Straub, Fritz, Brassel, and Pieth.
Pietkiewicz, Barney R., administrator: *See*—
Kazlauskas, Anthony.
Pietri, Francois, Aubagne, France. Rotary atomizing liquid fuel burner. 2,559,792, July 10.
Pietrowicz, Ambrose L., Evanston, assignor to Poor & Company, Chicago, Ill. Protective apron. 2,563,956, Aug. 14.
Pietrushak, Kurt O., Lima, Ohio. Floating door bottom sealing device. 2,555,244, May 29.
Pietrusza, Edward W.: *See*—
Howe, Eugene E., and Pietrusza.
Pifer, George W., Findlay, Ohio. Toothbrush with divergent sweep-action tuft rows. 2,567,080, Sept. 4.
Pifer, Marion J., Williamsville, and A. D. Meyer, Kenmore, assignors, by mesne assignments, to Sylvania Electric Products Inc., New York, N. Y. Manual drive system for radio receivers. 2,548,120, Apr. 10.
Pifke, Edgar A., Philadelphia, Pa., assignor to General Electric Company. Multiple releasable interlocking mechanism for circuit breakers. 2,573,485, Oct. 30.
Pignons, S. A., Ballaigues, assignee: *See*—
Cornet, André-Robert.
Pigott, Reginald J. S.: *See*—
Jacobson, Eugene W., Creazzi, and Pigott.
Pigott, Reginald J. S., assignor to Gulf Research & Development Company, Pittsburgh, Pa. Relief and control valve. 2,568,026, Sept. 18.
Pihl, Arvo E., Shrewsbury, assignor to Leland-Gifford Company, Worcester, Mass. Electric brake for machine tools and the like. 2,539,468, Jan. 30.
Pihl, Dewey P., Jefferson, Wis. Wheel puller and adjuster. 2,551,900, May 8.
Pijoan, Michel, United States Navy, R. D. Englert, H. J. Gerjovich, and M. L. Hopwood, Boulder, Colo. New insecticides. 2,578,736, Dec. 18.
Pike, Charles O.: *See*—
Holland, William E., Pike, and Voutetakis.
Pike, Charles O., Highland Park, and C. W. Bemmels, Milltown, N. J., assignors to Industrial Tape Corporation. Pressure-sensitive adhesives. 2,576,968, Dec. 4.
Pike, Robert D., Greenwich, Conn. Method and system for refrigeration of railroad cars. 2,550,935, May 1.
Pike, Robert D., Pittsburgh, Pa. Bearing. 2,576,141, Nov. 27.
Pike, Thomas P., Drilling Co., assignee: *See*—
Simpson, Clyde R.
Pike, Vernon B., Morristown, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electrolysis switch. 2,556,705, June 12.
Piker, Herbert M., assignor to The Hamilton Metal Products Company, Hamilton, Ohio. Carrying means. 2,578,089, Dec. 11.
Pikl, Josef, Glassboro, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Derivatives of behenic acid amide. 2,551,392, May 1.
Pilates, Joseph H., New York, N. Y. Double frame bed. 2,570,855, Oct. 9.
Pilch, John S., Ware, Mass. Control mechanism for hydraulic pumps. 2,544,805, Mar. 13.
Pilcher, Floy E., Hartford, Wash. Saccharin composition. 2,570,272, Oct. 9.
Pilcher, J. V., Mfg. Company, Incorporated, assignee: *See*—
Babbitt, John F.
Pile, Sydney, assignor to Teleflex Products Limited, London, England. Flexible cable. 2,551,546, May 1.
Pile, Sydney, assignor to Teleflex Products Limited, London, England. Corner guide for endless conveyer cables. 2,578,592, Dec. 11.
Pilgrim Curtain Co., Inc., assignee: *See*—
Cohen, Samuel.
Pilgrim, Daniel D., and J. J. Meagher, Bakersfield, Calif. Dual pack-off socket. 2,559,997, July 10.
Pilia, Frank J., Springfield, N. J., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Gas blanketed arc welding. 2,550,495, Apr. 24.
Pilkey, Orrin H., Chicago, Ill., assignor to Chicago Bridge & Iron Company. Overflow for liquid storage tanks. 2,541,095, Feb. 13.
Pilkington, Albert M.: *See*—
Hudson, Frank W., and Pilkington.
Pilkington Brothers Limited, assignee: *See*—
Griffin, James H.
Waldron, Frederic B., and Griffin.
Pillars, Harry M., San Jose, assignor to Pacific Machinery Company, San Francisco, Calif. Demountable pitting head for peach pitting machines. 2,569,331, Sept. 25.
Piller, Bohumil, Varnsdorf, J. Zmatlík, Brunn, J. Pinkava, Prague, and M. Starý, Zilina, assignors to Zavody pre Chemicku Vyrobu, narodny podnik, Bratislava, and Elite, sdruzene tovarny puncoch, narodni podnik, Varnsdorf, Czechoslovakia. Producing artificial fibers from high molecular linear polymers or polycondensates respectively. 2,577,915, Dec. 11.
Pilling, Norman B.: *See*—
Millis, Keith D., Gagnebin, and Pilling.
Talbot, Albert M., Furman, Brophy, and Pilling.
Pilliod, Jules J., Toledo, Ohio. Combined fish scaler and shield. 2,537,546, Jan. 9.
Pillow, Tom E., Port Arthur, Tex. Edging and polishing machine. 2,560,740, July 17.
Pillsbury, Howard G.: *See*—
Glaser, Clarence F., and Pillsbury.
Pillsbury Mills, Inc., assignee: *See*—
Harrel, Chastain G., and Brown.
Lycke, Engward M.
Pilot Marine Corporation, assignee: *See*—
Ingram, Maxwell.
Pim, Richard A.: *See*—
Hullhorst, William B., and Pim.
Pimper, Charles W., Jr.: *See*—
Ryan, Victor A., Kesler and Pimper.
Pinckert, Carl W., assignor to Bemis Bro. Bag Company, St. Louis, Mo. Web tensioning mechanism for printing presses. 2,546,372, Mar. 27.
Pinco, Ben B., Brooklyn, assignor to P. S. Murphy & Co., Inc., New York, N. Y. Manicuring implement. 2,551,700, May 8.
Pincus, Alexis G., assignor to American Optical Company, Southbridge, Mass. Glass composition and making same. 2,577,627, Dec. 4.
Pine, Jacok, Alhambra, Calif. Poultry picker finger. 2,562,681, July 13.
Pine, Perry S., assignor to Noble & Wood Machine Co., Hoosick Falls, N. Y. Valve. 2,543,376, Feb. 27.
Pineapple Research Institute of Hawaii, assignee: *See*—
Skromme, Arnold B.
Pineles, Bernard M.: *See*—
Brophy, John J., Pineles, and Putnam.
Pines, Herman: *See*—
Ipatieff, Vladimir N., and Pines.
Pines, Herman, Chicago, and J. A. Vesely, Evanston, assignors to Universal Oil Products Company, Chicago, Ill. Production of alkenyl phenols. 2,553,470, May 15.
Pines, Herman, and B. Kvetinskas, Riverside, assignors to Universal Oil Products Company, Chicago, Ill. Bicycloalkylthiophenes. 2,553,785, May 22.
Pines, Herman, and J. A. Vesely, assignors to Universal Oil Products Company, Chicago, Ill. Alkenylation of phenols. 2,578,206, Dec. 11.
Pines, Herman, and V. N. Ipatieff, assignors to Universal Oil Products Company, Chicago, Ill. Di(alkylphenyl)-alkenes. 2,578,207, Dec. 11.
Pines, Herman, and B. Kvetinskas, assignors to Universal Oil Products Company, Chicago, Ill. Hydrogenation of thiophenic compounds containing an unsaturated side chain. 2,579,010, Dec. 18.
Pinger, Roland W., Portland, Oreg. Pipe fitting. 2,551,393, May 1.
Pinkava, Jan: *See*—
Piller, Bohumil, Zmatlík, Pinkava, and Starý.
Pinke, August H.: *See*—
Oys, John E., and Pinke.
Pinkerman, Allen H., assignor to Oakley Brooks, Columbus, Ohio. Lamp attachment for telephone instruments. 2,540,908, Feb. 6.
Pinkerton, Harold R., assignee: *See*—
Ridgeway, Allen T.
Schlonau, Max, and Pinkerton.
Pinkers, Marcel, Zurich, Switzerland. Rotary gang knife for meat chopping machines. 2,551,049, May 1.
Pinkham, Clarence A., Douglaston, and B. Holohan, Kew Gardens, assignors to Nelpin Manufacturing Co., Inc., Long Island City, N. Y. Sewing machine needle threading device. 2,552,731, May 15.
Pinkham, Frederick O., Falls Church, Va. Kite rudder. 2,558,980, July 3.
Pinkney, Paul S., assignor to E. I. du Pont de Nemours and Company, Wilmington, Del. Free radical addition of H_2S to olefins. 2,551,813, May 8.
Pinkney, Paul S., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Ethylene/vinyl alcohol/acrylic acid copolymers, their ammonium salts, and paper coated therewith. 2,566,244, Aug. 28.
Pinkston, John T., Jr., Euclid, Ohio, assignor to Universal Oil Products Company, Chicago, Ill. Condensation products of aromatic hydrocarbons and symmetrical dichloroacetone and producing same. 2,551,050, May 1.
Pinkvoss, Berthold P., Stratford, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Speed-responsive presser device for sewing machines. 2,541,888, Feb. 13.
Pin Money Exchange, Incorporated, assignee: *See*—
Heyward, Harold A.

Pinner, Solomon H., London, and A. D. Whitehead, Ardleigh, assignors to BX Plastics Limited, London, England. Preparation of Zein. 2,554,750, May 29.
Pinney, Ernest F., Glen Cove, assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Wick holder loading machine. 2,578,449, Dec. 11.
Pinnow, William: *See*—
Belke, Otis, and Pinnow.
Pinsof, Philip, assignee: *See*—
Vincent, Carl.
Pinson, Alfred: *See*—
Jaccarino, Frederick, and Pinson.
Jaccarino, Richard, and Pinson.
Pinson, Alfred, Fairfield County, assignor to Apex Accessories Co., Inc., Greenwich, Conn. Terminal for wristbands for watches. 2,557,683, June 19.
Pinson, Alfred, Stamford, assignor to Apex Accessories Co., Inc., Greenwich, Conn. Watch band terminal. 2,576,695, Nov. 27.
Pinsute, Giuseppe F., New York, N. Y. Slip stitching machine. 2,558,196, June 26.
Pinsuti, Giuseppe F., New York, N. Y. Tie dimpler. 2,554,310, May 22.
Pintak, Joseph C., Fairview, N. J. Wheel attachment for sleds. 2,549,003, Apr. 17.
Pintar, William, Antwerp, Belgium, assignor of one-half to R. R. Rork, North Vernon, Ind. Hand wheeled land vehicle. 2,552,453, May 8.
Pinto, Frank, assignor of one-half to J. M. Monte, Barre, Vt. Dolly for moving and handling blocks of granite. 2,548,054, Apr. 10.
Pioch, William F., and G. Pascoe, Detroit, assignors to Ford Motor Company, Dearborn, Mich. Spring manufacture. 2,542,940, Feb. 20.
Pioneer Electric and Research Corp., The, assignee: *See*—
Ress, Thomas I.
Pioneer Engineering Works, Inc., assignee: *See*—
Heer, Ralph W.
Pioneer Gen-E-Motor Corporation, assignee: *See*—
Boyce, Eugene L., and Burrows.
Burrows, Milford D., and Boyce.
Goldberg, Harry.
Goldberg, Harry, and Burrows.
Loewe, Peter L., and Boyce.
Pioneer Heddle and Reed Company, Incorporated, assignee: *See*—
Suchke, Frederick M.
Pioneer Parachute Company, Inc., assignee: *See*—
Kowalski, Conrad S.
Pioneer Suspender Company, assignee: *See*—
Easlick, Lloyd H.
Piotrowski, Anthony, Chicago, Ill. Razor. 2,564,856, Aug. 21.
Pipe Line Construction and Drilling Company, assignee: *See*—
Pace, Garland B.
Pipe Line Service Corporation, assignee: *See*—
Mickelson, Alfred O.
Pipe Linings, Inc., assignee: *See*—
Scott, Norman L.
Pipe Machinery Company, The, assignee: *See*—
Benninghoff, William L., and Robertson.
Piper, Chester L.: *See*—
Koonz, John C., and Piper.
Piper, Frank R., and J. M. Gardner, Fairfax, Ala., assignors to West Point Manufacturing Company, West Point, Ga. Automatic sheet cutting and stacking machine. 2,571,941, Oct. 16.
Piper, Roger J., Princeton, Ill. Attachment for digging postholes and the like. 2,578,834, Dec. 18.
Piper, Thomas E., assignee: *See*—
Farnsworth, George B.
Piperoux, Rene P., Radburn, N. J., D. B. Hertz, New York, and F. P. Diemer, Woodhaven, N. Y., assignors to Celanese Corporation of America. Control system. 2,564,767, Aug. 21.
Piperoux, Rene P., Radburn, N. J., W. P. Moeller, Baldwin, and D. B. Hertz, New York, N. Y., assignors to Celanese Corporation of America. Sheet polishing apparatus and process. 2,574,588, Nov. 13.
Piping Specialties, Inc., assignee: *See*—
Sherbrooke, Walter A.
Pipkin, Marvin, Cleveland Heights, Ohio., assignor to General Electric Company. Electric lamp, light diffusing coating therefor and manufacture. 2,545,896, Mar. 20.
Pipkin, Marvin, Cleveland Heights, and J. D. Johnson, Bellevue, Ohio, assignors to General Electric Company. Coated flash lamp and manufacture thereof. 2,571,607, Oct. 16.
Pipkin, Wilbur A., Safety Harbor, Fla. Method of and apparatus for extracting juice from whole citrus fruit and excluding atmosphere from contact therewith. 2,540,345, Feb. 6.
Pippin, Clarence A.: *See*—
Barstow, Ormond E., and Pippin.
Pippin, Clarence A., M. O. Robinson, and W. R. Bennett, assignors to The Dow Chemical Company, Midland, Mich. Rapid-wetting bentonite-calcium sulfate backfill for cathodic protection. 2,567,855, Sept. 11.
Piqua Engineering, Inc., assignee: *See*—
Denman, Stephen A.
Pirelli Società Per Azioni, assignee: *See*—
Wolk, Eugenio.
Pirie, Ronald A., Isle of Wight, assignor to Saunders-Roe Limited, Osborne, East Cowes, Isle of Wight, England. Indicating device. 2,560,304, July 10.
Pirnie, Malcolm, Scarsdale, assignor to Research Corporation, New York, N. Y. Method and apparatus for separating oxidizable materials from liquids by oxygenation and aerobic biochemical action. 2,559,462, July 3.
Piron, Emil H., assignor to Transit Research Corporation, New York, N. Y. Wheel spoke. 2,540,832, Feb. 6.
Piron, Emil H., assignor to Transit Research Corporation, New York, N. Y. High-speed rail truck. 2,562,573, July 31.
Piron, Emil H., assignor to Transit Research Corporation, New York, N. Y. Rail truck suspension. 2,573,108, Oct. 30.
Piros, John J., Homewood, Ill., assignor to Sinclair Refining Company, New York, N. Y. Nonleaking rotary seal. 2,560,660, July 17.
Piros, John J., Gary, and J. A. Glover, Munster, Ind., assignors, by mesne assignments, to Sinclair Research Laboratories, Inc., Harvey, Ill. Still. 2,573,807, Nov. 6.
Pirrie, Dorothy, Sarnia, Ontario, Canada. Window blind housing. 2,538,210, Jan. 16.
Pirtle, Ira, Phoenix, Ariz. Garbage can stand. 2,553,109, May 15.
Pirwitz, Friedrich A. G., Rochester, G. P. Pirwitz, Irondequoit, and J. H. Sutton, assignors to Wollensak Optical Company, Rochester, N. Y. Photographic shutter with built-in flash synchronizer. 2,575,121, Nov. 13.
Pirwitz, Gustave P.: *See*—
Pirwitz, Friedrich A. G., G. P., and Sutton.
Pisacane, Arthur F.: *See*—
Ryan, Victor J., and Pisacane.
Pisano, Martin, Pittsburgh, Pa. Receptacle holder. 2,554,120, May 22.
Pischek, Friedrich, E. N. Nagle, and A. Z. Pas Anchorena, Florida, Argentina; said Nagle assignor to said Pischek. Locking arrangement for screws. 2,561,224, July 17.
Pistey, John M.: *See*—
De Reamer, Frank C., and Pistey.
Pistey, John M., Fairfield, Conn., assignor to General Electric Company. Socket switch for tubular lamps. 2,546,778, Mar. 27.
Pistey, John M., Fairfield, Conn., assignor to General Electric Company. Lamp holder for single pin type fluorescent lamps. 2,567,726, Sept. 11.
Pistoles, Lambert R., and A. G. Brinsfield, Wilmington, Del. Brake adjusting means. 2,559,830, July 10.
Pita, František, Jirkov, and J. Prokeš, Chomutov, Czechoslovakia. Making artificial dentures. 2,579,960, Dec. 25.
Pitar, Adolph: *See*—
Green, Isaac, and Pitar.
Pitcher, Denzil F., and R. A. Dewey, Alto, Mich. Loading attachment for tractors and the like. 2,546,199, Mar. 27.
Pitcher, Hugh N., Montreal, Quebec, Canada. Signal attachment for index cards. 2,570,708, Oct. 9.
Pitcher, James W., and J. T. Callahan, Jr., assignors to Engineering Laboratories, Inc., Tulsa, Okla. Apparatus for measuring the rate of drilling fluid flow through a well. 2,552,454, May 8.
Pitman, Henry L., Melbourne, Fla., assignor to Underwood Corporation, New York, N. Y. Combined typewriting and computing machine. 2,558,458, June 26.
Pitman, Henry L., Melbourne, Fla., assignor to Underwood Corporation, New York, N. Y. Power operated tabulating mechanism for typewriting machines. 2,580,318, Dec. 25.
Pitman, Raymond F.: *See*—
Pitman, Raymond O. and R. F.
Pitman, Raymond O. and R. F., Kansas City, Mo. Load hoisting device. 2,559,733, July 10.
Pitney-Bowes, Inc., assignee: *See*—
Hanson, Walter J., and Russell.
Knauer, Berthold.
Pitney, Earl H., Minneapolis, Minn. Drum for time controlled mechanism. 2,564,228, Aug. 14.
Pitney, Earl H., Minneapolis, Minn. Switch. 2,564,229, Aug. 14.
Pitney, Earl H., Minneapolis, Minn. Liquid level maintainer. 2,564,230, Aug. 14.
Pitney, Earl H., Minneapolis, Minn. Liquid level maintainer. 2,564,231, Aug. 14.
Pitre, Antonio S., United States Navy, San Francisco, and J. R. Saroyan, Vallejo, Calif. Surface protecting materials and making the same. 2,579,610, Dec. 25.
Pitt, Arnold: *See*—
Knight, Lorne F., and Pitt.
Pitt, Harold M.: *See*—
Bender, Harry, and Pitt.
Pitt, Samuel, Westfield, G. C. Spillman, Roselle, and L. G. Wade, Westfield, N. J., assignors to Western Electric Company, Incorporated, New York, N. Y. Strand guide for unit type stranders. 2,540,833, Feb. 6.
Pittenger, Glenn C., Kirkwood, assignor to Ralston Purina Company, St. Louis, Mo. Portable hand spray pump. 2,567,496, Sept. 11.
Pittman, Ernest E.: *See*—
Bottoms, Robert R., and Pittman.
Pittman, James F., Jefferson County, near Gibson, Ga. Portable load moving equipment. 2,547,773, Apr. 3.

Pittman, Ralph R., North Little Rock, Ark. Fused switch. 2,549,635, Apr. 17.
Pittman, Ralph R., North Little Rock, Ark. High-voltage arc-spinning arrester. 2,569,192, Sept. 25.
Pittman, Samuel I., Corpus Christi, Tex. Baby feeder. 2,545,414, Mar. 13.
Pitts, Charles N., Paterson, and H. Shauger, Fair Lawn, N. J., assignors to Wright Aeronautical Corporation. Rocker arm thrust bearing. 2,560,244, July 10.
Pitts, George B., assignee: *See*—
Hanson, Edward.
Pitts, William A., Houston, Tex., assignor, by mesne assignments, to Standard Oil Development Company, Elizabeth, N. J. Alignment device for measuring wheels. 2,576,041, Nov. 20.
Pittsburgh Coke & Chemical Company, assignee: *See*—
Kamlet, Jonas.
Pittsburgh Consolidation Coal Company, assignee: *See*—
Davies, Caleb, Jr.
Gorin, Everett.
Hyslop, James.
Pittsburgh Corning Corporation, assignee: *See*—
Baker, Arvid H.
Ford, Walter D.
Pittsburgh-Des Moines Company, assignee: *See*—
Jackson, James O.
Pittsburgh Metallurgical Company, Inc., assignee: *See*—
White, Clark.
Pittsburgh Plate Glass Company, assignee: *See*—
Black, Lloyd V.
Boldebuck, Edith M.
Bonjour, Louis J. M.
Christenson, Roger M.
Christenson, Roger M., and Harpt.
Dial, William R.
Downes, Daniel T.
Duncan, James E.
Evans, Truman, Jr., and Anderson.
Freeman, Stephen E.
Freeman, Stephen E., and Gloyer.
Gerhart, Howard L.
Gerhart, Howard L., and Lycan.
Gloyer, Stewart W.
Junge, Albert E.
Kennedy, Douglas H.
Kunkle, Gerald E.
Kunzl, Andrew E.
Linder, Cyril S.
Lytle, William O., and Junge.
McDowell, Thomas.
Mertes, Joseph V.
Moffett, Eugene W.
Moffett, Eugene W., and Hoya.
Neubaure, Joseph A., and Heiskell.
Oliver, James G.
Orr, Leighton E.
Parker, Earl E.
Pechukas, Alphonse.
Smith, John J., Duncan, and Truby.
Strain, Franklin.
Trager, Fred C.
Vogel, Henry A.
Wysocki, Robert F.
Pittsburgh Reflector Company, assignee: *See*—
Altree, Eric D.
Levaur, Bernard D., and Altree.
Pittsburgh Saw & Tool Company, assignee: *See*—
Fullerton, Henry J.
Pittsburgh Screw and Bolt Corporation, assignee: *See*—
Elmer, George P.
Pittsburgh Steel Products Company, assignee: *See*—
McNavage, John P.
Stone, Harry D.
Pittsburgh Waterproof Company, assignee: *See*—
Schultheis, Louis J.
Pityo, Albert F., Clifton, and H. E. Butterfield, Jr., Maplewood, N. J. Welding unit. 2,578,835, Dec. 18.
Pitzer, Emory W., Bartlesville, Okla., assignor to Phillips Petroleum Company. Preparation of gel-type dehydrogenation catalyst. 2,536,085, Jan. 2.
Pitzer, Harry A., Jr., Cumberland, Md. Two-speed driving tool. 2,555,995, June 5.
Pitzl, Gilbert, Eggertsville, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Vinylidene chloride interpolymer as a coating for regenerated cellulose film. 2,541,167, Feb. 13.
Pitzl, Gilbert, Eggertsville, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Vinylidene chloride interpolymer as a coating for regenerated cellulose film. 2,570,478, Oct. 9.
Piva, John, Jr., New Bedford, Mass. Roller-type window screen. 2,553,868, May 22.
Pivovaroff, William, Fresno, Calif. Article of furniture and hoisting and transporting device therefor. 2,553,939, May 22.
Piwowarski, Stanley J., assignee: *See*—
Brei, Daniel L.
Place, Charles E. S., Highland Park, Mich. Resilient head lock bolt. 2,543,705, Feb. 27.
Place, Charles I., Norfolk, Conn. Flexible coupling assembly. 2,554,311, May 22.
Placerean, Frank J., Rochester, N. Y. Roller attachment for chairs. 2,578,488, Dec. 11.
Plachter, Abe: *See*—
Schwartz, Fay, and Plachter.
Plack, Albert R., Maple Heights, Ohio. Record holder. 2,563,957, Aug. 14.
Plagge, Vernon L., East Orange, N. J., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Method and apparatus for connecting articles with a graded coating of glass. 2,571,608, Oct. 16.
Plaistowe, Donald L., and R. P. Shipway, Chelmsford, England, assignors to Radio Corporation of America. Radar system with selective sector presentation. 2,563,188, Aug. 7.
Plamondon, Arthur L., K. H. Wakefield, and W. A. Plamondon, Auburndale, Mass. Sewing machine with intermittent shirring attachment. 2,552,647, May 15.
Plamondon, Walter A.: *See*—
Plamondon, Arthur L., Wakefield, and Plamondon.
Planada Dehydrater Co., assignee: *See*—
Madsen, Thomas F.
Planamatic Corporation, assignee: *See*—
Moore, John.
Planck, Ralph W.: *See*—
Banigan, Thomas F., Jr., Meeks, and Planck.
Meeks, James W., Banigan, and Planck.
Plank, Norris, East Chicago, Ind., assignor to Shell Development Company, San Francisco, Calif. Adjustable-rate differential pressure responsive device. 2,579,334, Dec. 18.
Plan-O-Mill Corporation, assignee: *See*—
Norberg, Harold, and Lee.
Plante, Joseph H., Chisholm, Maine. Chuck device. 2,552,732, May 15.
Plante, Raymond A., Pawtucket, R. I., assignor to Fram Corporation. Filter for liquids. 2,563,548, Aug. 7.
Plantfebar, Jacobus W.: *See*—
Bergstrom, Roland F., and Plantfebar.
Plass, Robert H., Upper Montclair, N. J., assignor to The Daisy Products, Inc., New York, N. Y. Luggage reinforcing machine and method. 2,579,270, Dec. 18.
Plasse, Gustave, Nice, France. Exhaust muffler with conical baffle plates. 2,575,233, Nov. 13.
Plastic Specialty Company, assignee: *See*—
Barker, Percy.
Plastic Wire & Cable Corporation, The, assignee: *See*—
Flood, James E.
Flood, James E., Fitzgerald, and Wilmot.
Platers & Stampers Limited, assignee: *See*—
Crandell, Purley A.
Plati, John T., Passaic, and W. Wenner, Montclair, assignors to Hoffman-La Roche Inc., Nutley, N. J. Tetrahydropyridines and manufacture. 2,537,854, Jan. 9.
Plati, John T., Passaic, and W. Wenner, Montclair, assignors to Hoffmann-La Roche Inc., Nutley, N. J. Pyridindenes and their manufacture. 2,546,652, Mar. 27.
Plati, John T., Passaic, and W. Wenner, Montclair, assignors to Hoffmann-La Roche Inc., Nutley, N. J. Chlorinated derivatives of 1-pyridindene and their preparation. 2,546,653, Mar. 27.
Platis, John, Corpus Christi, Tex. Mattress. 2,550,293, Apr. 24.
Platis, John, Corpus Christi, Tex. Bed spring. 2,550,294, Apr. 24.
Platner, John B., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Engine. 2,562,639, July 31.
Platon, Jean G., Paris, France. Manufacture of cast iron. 2,560,471, July 10.
Platt, Benjamin, assignor, by mesne assignments, to Platt Luggage, Inc., Chicago, Ill. Luggage, including garment supporting means for long and short garments. 2,545,211, Mar. 13.
Platt Brothers & Company Limited, assignee: *See*—
Marsden, Irvin.
Platt, Cornelius E., Carthage, Mo. Seat cushion spring assembly. 2,542,354, Feb. 20.
Platt, George S., Baton Rouge, La. Concrete mold. 2,555,455, June 5.
Platt, John D.: *See*—
Platt, Leland H., L. H. Jr., and J. D.
Platt, Leland H., L. H. Platt, Jr., and J. D. Platt, Los Angeles, Calif. Produce box lidder. 2,550,292, Apr. 24.
Platt, Leland H., J. D., and L. H., Jr., Los Angeles, Calif. Wire-bound box lidding machine. 2,565,987, Aug. 28.
Platt, Leland H., Jr.: *See*—
Platt, Leland H., L. H., Jr., and J. D.
Platt, Lester B., Hartsdale, N. Y. Finger nail exposer for use in manicuring. 2,566,852, Sept. 4.
Platt Luggage, Inc., assignee: *See*—
Goodman, William L., Jr.
Platt, Benjamin.
Platt, Samuel C., New York, N. Y. Pistol camera. 2,539,322, Jan. 23.
Plattner, Placidus: *See*—
Ruzicka, Leopold, and Plattner.
Plattner, Placidus A.: *See*—
Meystre, Charles, Plattner, and Wettstein.
Platz, Elwood T.: *See*—
Herrmann, John A., and Platz.
Platzer, George E., Springfield, Mass., assignor of one-half to B. C. Daying, Detroit, Mich. Coupling device. 2,574,191, Nov. 6.
Plaut, Herman, Los Angeles, assignor to Aerojet Engineering Corporation, Azusa, Calif. Tetranitrodiols and preparing same. 2,544,103, Mar. 6.

Plawczyk, Owsiej, London, England. Radio and intercommunication apparatus and system. 2,559,898, July 10.
Plax Corporation, assignee: *See*—
Bailey, James.
Canfield, Robert W.
Hobson, John R.
Reber, Clarence G., and Dalzell.
Pledger, William A., San Francisco, Calif. Kitchen stove ventilator. 2,577,150, Dec. 4.
Pleet, Emanuel J., Baltimore, Md. Wearing apparel and construction. 2,573,871, Nov. 6.
Plehn, Henry M., assignee: *See*—
Heiman, Harry.
Plentl, Albert A., New York, assignor to R. L. Evans, Bay Shore, N. Y. 1-prolyl-1-cysteinyl-1-tyrosine. 2,563,743, Aug. 7.
Plester, Joseph, Coventry, assignor to Sir W. G. Armstrong Whitworth Aircraft Limited, Baginton, Coventry, England. Tool for shaving down local protuberances. 2,578,371, Dec. 11.
Plice, William A., Oak Park, assignor to R. C. Lindberg and P. A. Klapman, Chicago, Ill., as trustees. Network for intercommunication system. 2,577,806, Dec. 11.
Plimmer, Alfred G., assignor to The Cincinnati Milling Machine Co., Cincinnati, Ohio. Pattern controlled machine tool. 2,559,089, July 3.
Plimmer, Alfred G., and F. J. Kistner, assignors to The Cincinnati Milling Machine Co., Cincinnati, Ohio. Combined machine tool. 2,572,756, Oct. 23.
Plomb Tool Company, assignee: *See*—
Midling, Kenneth R.
Ploner, Edward K., Glencoe, Ill. Fountain applicator for floor wax. 2,551,220, May 1.
Plopper, George J., Utica, N. Y., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Label feeding and molding means for sewing machines. 2,560,186, July 10.
Plotts, Roland, McLeansboro, Ill. Variable throw eccentric mechanism. 2,536,213, Jan. 2.
Plouff, Clifford E., Seahurst Park, Wash., assignor to Copeman Laboratories Company, Flint, Mich. Fishing reel. 2,547,282, Apr. 3.
Plouffe, Lucien J., Cornwall, Vt. Trailer lime spreader. 2,560,981, July 17.
Plueddemann, Edwin P., Woodbridge, N. J., assignor to Food Machinery and Chemical Corporation. Producing esters of polyphosphoric acids. 2,558,380, June 26.
Plumbo, Louis, assignee: *See*—
Plumbo, Robert.
Plumbo, Robert, Northfield, assignor to L. Plumbo, Atlantic City, N. J. Ornamental structure. 2,555,505, June 5.
Plumeri, John, assignor to Kramer Trenton Company, Trenton, N. J. Auxiliary evaporating coil for the ice-making section of refrigerators. 2,547,595, Apr. 3.
Plummer, Fred L., assignor to Hammond Iron Works, Warren, Pa. Diaphragm cover for liquid storage tanks. 2,578,090, Dec. 11.
Plummer, John F., Jr., Phillipsburg, N. J., assignor to Ingersoll-Rand Company, New York, N. Y. Thermocompressor. 2,555,812, June 5.
Plummer, Philo G., Wasco, Ill. Fire escape. 2,549,707, Apr. 17.
Plummer, Robert B.: *See*—
Briscoe, William F. R., and Plummer.
Plummer, William B., assignor to Standard Oil Company, Chicago, Ill. Antisun-checking rubber composition. 2,561,671, July 24.
Plunguian, Mark, Gilette, and J. L. Riley, East Orange, N. J., assignors to Celanese Corporation of America. Mixing apparatus. 2,543,198, Feb. 27.
Plusc, Igor M.: *See*—
Field, Eugene L., and Plusc.
Plusje, Mathijs H. R. J.: *See*—
De Bruijn, Hendrik, and Plusje.
Plusje, Mathijs H. R. J., Beek, and H. de Bruijn, Geleen, assignors to De Directie van de Staatsmijnen in Limburg, Heerlen, Netherlands. Producing a calcium phosphate. 2,555,656, June 5.
Plywood Research Foundation, assignee: *See*—
Hallonquist, Earl G.
Pneumatic Scale Corporation, Limited, assignee: *See*—
Everett, Arthur C.
Howard, Stanley R.
Magnusson, Joseph.
Vergobbi, John G.
Poague, Henry G.: *See*—
Sanger, John J., and Poague.
Poarch, Myron F., Lima, Ohio. Vibrator tester. 2,572,194, Oct. 23.
Pobjoy, Douglas R., deceased, Woodmancote, Cheltenham, England; by E. B. Pobjoy, executrix, Englefield Green, England. Internal-combustion engine. 2,554,921, May 29.
Pobjoy, Elaine B., executrix: *See*—
Pobjoy, Douglas R.
Pobochenko, John J., Portland, Oreg. Swimming trainer. 2,536,390, Jan. 2.
Pocci, Tebaldo G., Canton, Ohio. Portable cylinder grinding tool. 2,578,149, Dec. 11.
Poch, Waldemar J., Moorestown, N. J., assignor to Radio Corporation of America. Television circuits. 2,552,060, May 8.
Poch, Waldemar J., Morrestown, N. J., assignor to Radio Corporation of America. Variable frequency multivibrator. 2,573,354, Oct. 30.
Pöckel, Irving, Wellesley, Mass., and D. P. Smith, Cincinnati, Ohio. Valve. 2,579,855, Dec. 25.
Pocock, Merton A., Minneapolis, Minn. Belt tension adjusting device for laundry machines. 2,539,522. Jan. 30.
Pocock, Paul C., Marion, Ohio, and H. M. Purcell, Philadelphia, Pa., assignors to H-P-M Development Corporation, Wilmington, Del. Gear motor operator for boosters. 2,537,547, Jan. 9.
Podd, Geneva M., Cicero, Ill. Chance controlled game board apparatus. 2,545,415, Mar. 13.
Podhorzer, Emil: *See*—
O'Brien, Joseph F., and Podhorzer.
Podolsky, Leon, Pittsfield, assignor to Sprague Electric Company, North Adams, Mass. Series capacitor protective system. 2,569,133, Sept. 25.
Podmore, Arthur, London, England. Greeting card. 2,580,241, Dec. 25.
Podnar, Mike, Ankeny, Iowa. Combined wagon box and rack. 2,546,519, Mar. 27.
Podnar, Mike, Des Moines, Iowa. Endgate and supporting frame for wagon bodies. 2,543,257, Feb. 27.
Podner, Joseph, Hastings, assignor of twenty per cent to K. A. Larson, St. Louis Park, Minn. Hedge trimmer with sectioned housing. 2,558,459, June 26.
Poe Machine and Engineering Company, Inc., assignee: *See*—
Herman, Nathan L.
Poekert, Richard A., Pittsburgh, Pa. Device for storing and feeding elongated flexible pipe-cleaning members. 2,562,574, July 31.
Poetker, Henry R., Sanger, Calif. Derrick. 2,551,286, May 1.
Poetzsch, Paul H.: *See*—
Nelson, Oscar G., and Poetzsch.
Pofferberger, Lloyd C., and C. M. Senter, Maxwell, Iowa. Animal handling tongs. 2,560,982.
Poganski, Charles L., St. Cloud, Minn. Implement for use in trimming Christmas trees with tinsel. 2,577,360, Dec. 4.
Poggi, Giovanni, Bologna, Italy. Grid rolling shutter. 2,563,549, Aug. 7.
Pogreba, Leo B., Philbrook, Minn. Highway toy. 2,554,211, May 22.
Pohl, Ernest F., St. Louis, Mo. Electric heating unit for pressing irons. 2,553,274, May 15.
Pohl, Raymond V., Schenectady, N. Y., assignor to General Electric Company. Noncontacting thickness gauge. 2,539,203, Jan. 23.
Pohl, Wadsworth E., Los Angeles, assignor to Technicolor Motion Picture Corporation, Hollywood, Calif. Counteracting average density fluctuation in motion pictures. 2,543,706, Feb. 27.
Pohland, Carl P., Sheboygan, Wis. Dental moisture shield. 2,563,361, Aug. 7.
Pohle, Eric: *See*—
Hoagland, Kenneth A., and Pohle.
Pohle, Eric, assignor to Allen B. Du Mont Laboratories, Inc., Clifton, N. J. Split anode for bent gun ion trap cathode-ray tubes. 2,562,242, July 31.
Pohle, Eric, assignor to Allen B. Du Mont Laboratories, Inc., Clifton, N. J. Cathode-ray tube centering device. 2,575,835, Nov. 20.
Pohle, Eric, assignor to Allen B. Du Mont Laboratories, Inc., Clifton, N. J. Deflection plate. 2,575,836, Nov. 20.
Pohle, Eric, Clifton, and R. G. Scott, Livingston, assignors to Allen B. Du Mont Laboratories, Inc., Clifton, N. J. Electron gun structure. 2,562,243, July 31.
Pohle, Eric, and A. Y. Bentley, assignors to Allen B. Du Mont Laboratories, Inc., Passaic, N. J. Cathode-ray tube electrode. 2,567,893, Sept. 11.
Pohrer, Joseph P., assignee: *See*—
Lindae, William H.
Poilleaux, André: *See*—
Mataré, Herbert F., and Poilleaux.
Poillevey, Leon, Grenoble, France, assignor to U. S. Slicing Machine Company, Inc. Registering device for scales. 2,556,660, June 12.
Pointen, Elmer J., San Pedro, Calif. Utility or protective garment. 2,565,739, Aug. 28.
Pointer, Robert W., assignee: *See*—
Grabinski, Philip.
Pointer, Robert W., Portland, Oreg. Single axle vehicle suspension. 2,558,381, June 26.
Point-O-Matic Pencil Co., Inc., assignee: *See*—
Buell, Paul W.
Pointon, John E., Peterborough, England, assignor to Baker Perkins Incorporated, Saginaw, Mich. Dough divider. 2,568,252, Sept. 18.
Poirette, Paul, Neuilly-sur-Seine, France. Interchangeable dial for exposure meters. 2,550,936, May 1.
Poirier, Maurice, Burbank, Calif. Vehicle wheel suspension. 2,552,690, May 15.
Poittevin, Maurice, Meudon, France. Radiological or like apparatus. 2,539,323, Jan. 23.
Poittevin, Maurice D., Meudon, France. Movable diaphragm for radioscopic apparatus. 2,546,699, Mar. 27.
Poitz, Herbert A.: *See*—
Schiermeier, Knapel F., and Poitz.

Poje, Stanley, Conneaut, Ohio, assignor to General Electric Company. Base making apparatus. 2,538,589, Jan. 16.

Pokorny, Frank P., Atkins, Iowa. Closure cap for a jar, having a dispensing opening, a rotary chamber resiliently sealing said opening, for dispensing fluent material from said jar. 2,539,591, Jan. 30.

Pokras, Harry, assignor to Merit Products, Inc., Los Angeles, Calif. Child's dish. 2,561,594, July 24.

Poland, Charlie L.: *See*—
Davis, Martin E., and Poland.

Poland, Frank F., assignor to Revere Copper and Brass Incorporated, Rome, N. Y. Apparatus for recovering zinc from zinciferous material containing iron. 2,552,648, May 15.

Poland, Irvin J., Baltimore, Md. Robbery preventing shield for taxi vehicle bodies. 2,566,032, Aug. 28.

Polanyi, Thomas G.: *See*—
Szegho, Constantin S., and Polanyi.

Polaroid Corporation, assignee: *See*—
Binda, Frederick J.
Blake, Robert P.
Campbell, John E.
Cooper, Dexter P., Jr.
Eloranta, Vaito K.
Fairbank, Murry N.
Greenhalgh, John, and Wolff.
Grey, David S.
Land, Edwin H.
Land, Edwin H., Mahler, and Hyman.
Land, Edwin H., and Ryan.
McCune, William J., Jr.
Wolff, Otto E.
Wolff, Otto E., Fairbank, and Rolando.

Polcyn, Bernard H., Milwaukee, Wis. Colostomy appliance. 2,546,779, Mar. 27.

Pole, Frank H., Jr., Riviera Beach, Fla. Trailer dolly and drawbar assembly. 2,538,704, Jan. 16.

Pole, Gordon R., White Bear Township, Ramsey County, assignor to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Coated mineral granule, making same, and roofing material surfaced therewith. 2,547,042, Apr. 3.

Pole, Gordon R., White Bear Township, Ramsey County, assignor to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Coated roofing granules and asbestos-cement slabs and making same. 2,553,604, May 22.

Poli, Glauco, assignor of one-half to Ruth Kaplan, Brooklyn, N. Y. Mechanical ski toy. 2,566,141, Aug. 28.

Policastro, Carmine P., assignee: *See*—
Anania, James A.

Policastro, George A., Brooklyn, N. Y. Powered can opener. 2,560,983, July 17.

Polin, Abraham: *See*—
Polin, Irving and A.

Polin, Irving, Brooklyn, and A. Polin, Bayside Hills, N. Y. Cosmetic compact. 2,547,971, Apr. 10.

Polinske, August E., Wausau, Wis. Optical lens aligner. 2,573,056, Oct. 30.

Politzer, Alfred, Cuyahoga County, Ohio, and H. O. Naumann, assignors to Oscar Kohorn & Co., Ltd., New York, N. Y. Apparatus for the treatment of rayon cakes. 2,553,110, May 15.

Polk, Albert F., and J. H. Straw, assignors to The Sheffield Corporation, Dayton, Ohio. Gauging device. 2,547,717, Apr. 3.

Polk Development Company, The, assignee: *See*—
Polk, Ralph, Sr.
Polk, Ralph, Sr., and Ralph Polk, Jr.

Polk, Edwin H., Silver Spring, Md. Turbine driven cooling fan for air-cooled engines. 2,550,717, May 1.

Polk, Gilbert C., Detroit, assignor to American Blower Corporation, Dearborn, Mich. Dust collector. 2,544,395, Mar. 6.

Polk, Helen R., administratrix: *See*—
Polk, Joseph G.

Polk, Isaac H., San Jose, Calif. Tunnel freezing apparatus and method. 2,573,725, Nov. 6.

Polk, Joseph G., deceased, Freeport, N. Y.; H. R. Polk, administratrix. Attachment for the spindle housings of drill presses. 2,567,856, Sept. 11.

Polk, Ralph, Jr.: *See*—
Polk, Ralph, Sr., and Ralph Polk, Jr.

Polk, Ralph, Sr., assignor to The Polk Development Company, Tampa, Fla. Citrus fruit juicer. 2,538,590, Jan. 16.

Polk, Ralph, Sr. and R. Polk, Jr., assignors to The Polk Development Company, Tampa, Fla. Fruit handling method and apparatus. 2,538,591, Jan. 16.

Polk, Ralph, Sr., and Ralph Polk, Jr., assignors to the Polk Development Company, Tampa, Fla. Treatment of citrus fruit to facilitate peeling. 2,543,932, Mar. 6.

Polk, Ralph, Sr., Miami, and Ralph Polk, Jr., assignors to The Polk Development Company, Tampa, Fla. Sectionizing citrus fruits. 2,549,333, Apr. 17.

Polk, Ralph, Sr., Miami, and R. Polk, Jr., assignors to The Polk Development Company, Tampa, Fla. Fruit peeling method and apparatus. 2,551,156, May 1.

Polk, Ralph, Sr., and Ralph Polk, Jr., assignors to Polk Development Company, Tampa, Fla. Apparatus for holding citrus fruit. 2,552,733, May 15.

Polk, Ralph, Sr., and Ralph Polk, Jr., assignors to The Polk Development Company, Tampa, Fla. Apparatus for sectionizing citrus fruit. 2,558,579, June 26.

Polk, Ralph, Sr., and Ralph, Jr., assignors to Polk Development Company, Tampa, Fla. Apparatus for sectionizing citrus fruit. 2,560,128, July 10.

Polk, Ralph, Sr., Miami, and Ralph Polk, Jr., assignors to The Polk Development Company, Tampa, Fla. Fruit peeling apparatus. 2,562,818, July 31.

Polk, Ralph, Sr., Miami, and Ralph, Jr., assignors to The Polk Development Company, Tampa, Fla. Apparatus for peeling fruit. 2,570,071, Oct. 2.

Pollack, Hyman, Brooklyn, and D. Brand, Bronx, N. Y. Combination play table and support. 2,541,664, Feb. 13.

Pollack, Maurice D., and J. P. Schalet, Long Beach, N. Y. Button. 2,543,056, Feb. 27.

Pollack, Maxwell A., Denville, N. J., assignor to E. F. Drew & Co., Inc., New York, N. Y. Allyl esters of fatty acids. 2,536,568, Jan. 2.

Pollack, Maxwell A., Denville, N. J. Vinyl chloride resins plasticized with phenyl esters of unsaturated fatty acids. 2,563,485, Aug. 7.

Pollak, Arthur, New York, and J. J. Keilen, Jr., Forest Hills, assignors to West Virginia Pulp and Paper Company, New York, N. Y. Redispersing and compounding rubber. 2,572,884, Oct. 30.

Pollak, Frederick F., New York, assignor to American Lecithin Company, Inc., Elmhurst, N. Y. Producing substantially uniform product from lecithin. 2,554,955, May 29.

Pollak, Joseph, Corporation, assignee: *See*—
Hasselbaum, Oscar H.

Pollak, Manfred J.: *See*—
Higgins, Joseph C., and Pollak.

Pollak, Manfred J., Chicago, Ill. Toy jet vehicle. 2,545,586, Mar. 20.

Pollard, Cash B., and T. H. Wicker, Gainesville, Fla., assignors to Parke, Davis & Company, Detroit, Mich. Piperazine compounds. 2,575,122, Nov. 13.

Pollard, Charles E., Jr., Hohokus, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Formation of a surface easily wettable by mercury. 2,547,536, Apr. 3.

Pollard, Elisha F.: *See*—
Vix, Henry L. E., Spadaro, Pollard, Gastrock, Persell, and Murphy.

Pollard, Frank R., Indianapolis, Ind., and C. M. Young, Jr., Philadelphia, Pa., assignors to National Malleable and Steel Castings Company, Cleveland, Ohio. Automatic jacket and weight shifter for snap flask mold conveyers. 2,575,123, Nov. 13.

Pollard, Harold, Toronto, and C. W. Haggart, Kapuskasing, assignors of thirty per cent to J. C. Urquhart, Toronto, Ontario, Canada. Safety control for hydraulic brake systems. 2,539,970, Jan. 30.

Pollard, John D.: *See*—
Daniel, John H., Jr., Landes, and Pollard.
Studeny, John, Pollard, and Landes.

Pollard, John D., Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Treating water-swollen polymers. 2,558,781, July 3.

Pollard, John D., Baltimore, Md., assignor to American Cyanamid Company, New York, N. Y. Stabilized high solids melamine formaldehyde resin solutions. 2,564,925, Aug. 21.

Pollard, John R., assignor to Mohawk Carpet Mills, Inc., Amsterdam, N. Y. Display device. 2,541,281, Feb. 13.

Pollard, Lloyd F., Leonia, N. J., and S. Jacobson, Brooklyn, N. Y. Finger ring guard. 2,579,856, Dec. 25.

Pollard, Robert O., Jr., Downey, assignor to Richfield Oil Corporation, Los Angeles, Calif. Formation tester and sampler. 2,545,306, Mar. 13.

Pollard, William D., St. Louis, Mo. Ironing board with clothes rack. 2,572,883, Oct. 30.

Pollard, Willard L., Evanston, Ill. Hydraulic transmission. 2,578,450, Dec. 11.

Pollen, Charles F., Winnetka, assignor to M. H. Detrick Company, Chicago, Ill. Port end construction for open-hearth furnaces. 2,548,908, Apr. 17.

Polley, Manford J., Homer, Minn., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Automatic pitman bar connection. 2,548,055, Apr. 10.

Pollitt, Chester R., Portland, Oreg. Handle-mounted floor waxer having liquid dispenser with valve operable from upper end of handle. 2,575,124, Nov. 13.

Pollitt, Donovan H., and P. G. Hawe, assignors to Campbell Manufacturing Company Limited, Lansing, Ontario, Canada. Machine for forming sealed plastic containers from deformable material in sheet form. 2,555,369, June 5.

Pollitz, Harold C., assignor to Iowa Manufacturing Company, Cedar Rapids, Iowa. Hammermill with decentric rotors. 2,563,958, Aug. 14.

Pollitz, Harold C., Cedar Rapids, Iowa, assignor to Iowa Manufacturing Company. Sectional conveyer. 2,573,486, Oct. 30.

Pollman, Richard B., Detroit, Mich. Hinge. 2,570,479, Oct. 9.

Pollock, Gordon B., assignee: *See*—
Wixegarver, Orton H.

Pollock, Gordon B., South Laguna, Calif. Strip metering construction. 2,548,172, Apr. 10.

Pollock, John A., Bainbridge, Ga., and J. L. Turner, East St. Louis, Ill., assignors to W. N. Matthews Corporation, St. Louis, Mo. Line switching device. 2,560,472, July 10.
Pollock, Latham, assignor to Century Engineering Company, Los Angeles, Calif. Lens aligner. 2,539,324, Jan. 23.
Pollock, Mark W.: *See*—
Zerner, Ernst, and Pollock.
Pollock, Martin S., New York, N. Y. List finder. 2,550,598. Apr. 24.
Polonsky, Joseph, assignor, by mesne assignments, to Compagnie Generale de Telegraphie Sans Fil, Paris, France. Transmitter modulated by anode control. 2,569,948, Oct. 2.
Pollopas Patents Limited, assignee: *See*—
Montrose-Oster, Louis E. W.
Polly, Orville L., and C. H. O. Berg, Long Beach, assignors to Union Oil Company of California, Los Angeles, Calif. Solvent extraction process. 2,541,380. Feb. 13.
Polomski, John B., Detroit, Mich., assignor to Borg-Warner Corporation, Chicago, Ill. Automatic transmission. 2,567,446, Sept. 11.
Poloron Products, Inc., assignee: *See*—
Brown, Joseph D.
Polsen, Blanche H., assignee: *See*—
Polsen, Samuel D., and Nelson.
Polsen, Samuel D., and S. H. Nelson, assignor of one-fourth to B. H. Polsen and one-fourth to M. P. Nelson, Bridgeport, Conn. Milk agitating and dipping device. 2,556,739, June 12.
Polsen, Samuel D., and S. H. Nelson, assignors of one-fourth to B. H. Polsen, one-fourth to M. P. Nelson, one-fourth to said S. H. Nelson, and one-fourth to N. H. Nelson, Bridgeport, Conn. Cup dispenser. 2,556,740, June 12.
Polson, Allen E., Tallmadge, Ohio, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Polymeric materials. 2,579,451, Dec. 18.
Polson, Miles O., Flagstaff, Ariz. Can opener and sealing closure. 2,546,561, Mar. 27.
Polson, Robert G., assignor of one-third to J. M. Carr, Stockton, Calif. Swing-door control mechanism. 2,554,540, May 29.
Polstra, Charles R.: *See*—
Dayton, Max E., and Polstra.
Polydoroff, Wladimir J., Bethesda, Md. Very high-frequency tuning circuits. 2,566,746, Sept. 4.
Polye, William R., River Edge, assignor to Bendix Aviation Corporation, Teterboro, N. J. Temperature probe. 2,579,271, Dec. 18.
Polymer Corporation, The, assignee: *See*—
Alexander, Douglas S.
Stott, Louis L.
Stott, Louis L., and Montross.
Polymer Corporation, Limited, assignee: *See*—
Watson, William H.
Polymerisable Products Limited, assignee: *See*—
Bergmann, Ernst.
Polytechnic Institute of Brooklyn, assignee: *See*—
Johnson, Stanley A.
Polytechnic Research and Development Company Incorporated, assignee: *See*—
Gaffney, Francis J., and Finke.
Pomerantz, Herbert, Pittsfield, Mass. Conveyer. 2,547,885, Apr. 3.
Pomerleau, A. L., assignee: *See*—
Nicolas, Pamphile.
Pomeroy, Sawyer M., Lyndhurst, and I. R. Disbro, Lakewood, assignors to The W. S. Tyler Company, Cleveland, Ohio. Supporting and guiding horizontally sliding doors. 2,574,496, Nov. 13.
Pomeroy, Theodore M., Jr., Pelham, N. Y., and J. R. Graves, Ellicott City, Md., assignors to The American Sugar Refining Company, New York, N. Y. Packing machine. 2,549,004, Apr. 17.
Pomichter, Frank, Cold Brook, N. Y. Putty remover. 2,545,379, Mar. 13.
Pommier, Henry, New York, N. Y. Detachable fastener. 2,543,933, Mar. 6.
Pompa, Joseph P., Glendale, Ariz. Tortilla fryer for tostadas. 2,545,897, Mar. 20.
Pompa, Joseph P., Glendale, Ariz. Machine for frying tortillas. 2,570,374, Oct. 9.
Pompes, Noel, assignee: *See*—
Boucher, Jacques.
Pomykala, Edmund S., Hyattsville, Md. Ejection seat for high-velocity airplanes. 2,536,086, Jan. 2.
Pomykala, Edmund S., United States Navy. Underground storage tank. 2,558,580, June 26.
Poncar, John J., Chagrin Falls, Ohio. Key container. 2,560,595, July 17.
Pond, Chester C., Melrose Park, assignor to Philco Corporation, Philadelphia, Pa. Projection screen. 2,552,455, May 8.
Pond, Leander N., assignor to Corning Glass Works, Corning, N. Y. Glass blowing machine. 2,576,191, Nov. 27.
Pond, Robert F.: *See*—
Hamel, Edward C., Brown, and Pond.
Ponte, Maurice: *See*—
Gutton, Henri, and Ponte.
Pond, William B.: *See*—
James, Ralph W., and Pond.
Pond, William B., Pomona, Calif., assignor to Bendix Aviation Corporation, Teterboro, N. J. Ice detector means. 2,557,311, June 19.
Ponstingl, John C.: *See*—
Schaelchlin, Walter, Winchester, and Ponstingl.
Ponstingl, John C., Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Operator for electric switches. 2,538,036, Jan. 16.
Ponstingl, John C., Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Magnet operator structure. 2,561,991, July 24.
Ponstingl, John C., and L. Pierce, Pittsburgh, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Magnetic switch operating mechanism. 2,538,037, Jan. 16.
Ponstingl, John C., and R. B. Immel, Pittsburgh, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Pneumatic time limit contactor. 2,538,038, Jan. 16.
Ponsy, Louis E.: *See*—
Bessierè, Pierre E., and Ponsy.
Pont, Henri M., The Hague, Netherlands. Roof of large span. 2,545,556, Mar. 20.
Pont, Lucien: *See*—
Veyret, Louis, and Pont.
Ponte, Maurice, Paris, France, assignor to Societe Francaise Radio Electrique. Electric discharge valve. 2,544,104, Mar. 6.
Ponte, Maurice, Paris, France, assignor to Compagnie Generale de Telegraphie Sans Fil. Television system. 2,577,628, Dec. 4.
Pontius, Frank E.: *See*—
Pettus, James L., and Pontius.
Pontius, George W., III, assignor to Bendix Aviation Corporation, South Bend, Ind. Hydraulic power brake servo mechanism. 2,544,042, Mar. 6.
Pontius, Rex B., New York, N. Y., assignor to the United States of America as represented by the United States Atomic Energy Commission. Valve. 2,555,996, June 5.
Pontones, Manuel I., Mexico City, Mexico. Automatic water chlorinator. 2,556,396, June 12.
Pontz, Donald F., assignor to The Dow Chemical Company, Midland, Mich. Purification of triaryl phosphates. 2,570,480, Oct. 9.
Pool, Clarence, Rivera, Calif. Toy building blocks and base. 2,565,823, Aug. 28.
Pool, Stuart D., and E. L. Faust, Moline, Ill., assignors to International Harvester Company. Bagger attachment for harvesters with swingably mounted bag supports. 2,551,461, May 1.
Pool, Stuart D., Moline, and C. D. Prosser, Rock Island, Ill., assignors to International Harvester Company. Adjustable shaft mounting means. 2,569,193, Sept. 25.
Pool, Stuart D., and B. J. Shager, Moline, Ill., assignors to International Harvester Company. Apparatus for plant cultivation. 2,569,194, Sept. 25.
Pool, Stuart D., and R. D. Titus, Moline, Ill., assignors to International Harvester Company. Ball pump. 2,577,361, Dec. 4.
Pool, Virgil L., Encino, Calif. Food container. 2,556,631, June 12.
Pool, William. Spondon, near Derby, England, assignor to Celanese Corporation of America. Control means. 2,540,286, Feb. 6.
Pool, William O., Chicago, and R. S. Sedgwick, Maywood, assignors to Armour and Company, Chicago, Ill. Crystallizing process. 2,543,055, Feb. 27.
Poole, David M., Summit, N. J., assignor to United Aircraft Corporation, East Hartford, Conn. Pressure control for thrust nozzles for turbines. 2,566,961, Sept. 4.
Poole, Foster M., Dallas, Tex., and H. B. Manley, Kansas City, Mo. Relay for rectifying flow of fluids through control valves. 2,542,260, Feb. 20.
Poole, Foster M., Dallas, Tex. Automatic recording tube calipers for inside measurements within cylinders. 2,571,161, Oct. 16.
Poole, Foy M., Stamford, and J. J. Foye, Jr., assignors to Electrolux Corporation, Old Greenwich, Conn. Impregnating electrical motor armatures. 2,572,515, Oct. 23.
Poole, James P., State College, assignor to Brockway Glass Co., Inc., Brockway, Pa. Making glass and batch therefor. 2,552,495, May 8.
Poole, Leonard M., assignee: *See*—
Allen, Robert Y.
Poole, Lloyd C., Ferndale, assignor to Weltronic Company, Detroit, Mich. Electronic control apparatus. 2,564,500, Aug. 14.
Poole, Lora E.: *See*—
Nichols, Charles A., Poole, Mahoney, and McShurley.
Poole, Ralph, London, England. Apparatus for detecting explosive gases. 2,546,273, Mar. 27.
Poole, Ralph, London, England. Apparatus for detecting explosive gases. 2,557,008, June 12.
Pooley, Robert W.: *See*—
Daly, Lawrence E., and Pooley.
Poon, Fred G., Los Angeles, Calif. Walking shoe with vamp wrinkles minimized. 2,572,948, Oct. 30.

Poor & Company, assignee: *See*—
Armstrong, Victor C.
Chester, Allan E.
Chester, Allan E., and Ackermann.
Chester, Allan E., and Leonelli.
Chester, Allan E., Main, and Hansen.
Chester, Allan E., and Schram.
Chester, Allan E., and Seymour.
Gallagher, John J.
Grant, John L.
Pietrowicz, Ambrose L.
Ruppert, Max K.

Poore, Edward P., and R. P. Klotz, Sandusky, Ohio. Signal switch. 2,551,548, May 1.

Poorman, John E., Philadelphia, Pa. Knurling tool. 2,579,611, Dec. 25.

Poovey, Charles E., Charlotte, N. C. Kennel closure. 2,560,661, July 17.

Pope, Clifford G.: *See*—
Ainsworth, Geoffrey C., and Pope.

Pope, Frank B., Cuyahoga Falls, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Polymerizing polyunsaturated esters. 2,568,658, Sept. 18.

Pope, Jesse C., and H. S. Tillinghast, assignors to Armor Insulating Company, Atlanta, Ga. Driver's compartment for truck bodies. 2,540,214, Feb. 6.

Pope, Louis C., Vicksburg, Miss. Hydraulic pumping apparatus. 2,549,851, Apr. 24.

Pope Machinery Corporation, assignee: *See*—
Pettengill, Ralph H., and Sjostrom.

Pope, Marion R., Broken Bow, Okla. Apparatus for use in planting sweet potatoes. 2,571,483, Oct. 16.

Pope, Richard R., Sylacauga, Ala., assignor to Avondale Mills. Cradle for long draft spinning. 2,557,036, June 12.

Pope, William, New Orleans, La. Combination crib and cradle. 2,578,372, Dec. 11.

Pope, William T., Jr.: *See*—
Huber, William A., and Pope.

Popeck, Stanley P.: *See*—
Thompson, Thomas R., and Popeck.

Popick, Orion, Freeland, Pa. Clothespin. 2,538,326, Jan. 16.

Popkin, Alexander H.: *See*—
Smith, Paul V., Jr., and Popkin.

Poplawski, Stephen J., assignor to John Oster Manufacturing Company, Racine, Wis. Ice-cream disher. 2,568,300, Sept. 18.

Poplin, Nelia G.: *See*—
Adam, Lewis D., and Poplin.

Popma, Jewett E., Portland, Oreg. Photographic fingerprinting device. 2,579,961, Dec. 25.

Popoff, Emmanuel, Paris, France. Automatic classifier. 2,553,003, May 15.

Popoli, Vincent J., Ayer, Mass. Reel for motion-picture film. 2,546,146, Mar. 27.

Popp, Rudolf, assignor to McGill Manufacturing Company, Inc., Valparaiso, Ind. Safety electrical outlet. 2,552,061, May 8.

Popp, Rudolf, assignor to McGill Manufacturing Company, Inc., Valparaiso, Ind. Switch. 2,562,390, July 31.

Popp, Rudolf, assignor to McGill Manufacturing Company, Inc., Valparaiso, Ind. Switch pull mechanism. 2,577,362, Dec. 4.

Popper, Julius S.: *See*—
Armstrong, Frank C., Lauterbach, Lillvik, and Popper.

Porcelain Insulator Corporation, The, assignee: *See*—
Osborne, David H.

Poreber, Frank, Jamaica, assignor to The George W. Luft Company, Inc., Long Island City, N. Y. Pocket type atomizer. 2,536,214, Jan. 2.

Porete Manufacturing Company, assignee: *See*—
Walter, Ernest.

Porocel Corporation, assignee: *See*—
Heinemann, Heinz.

Porozynski, Leo K., Cleveland, Ohio. Decorating. 2,562,365, July 31.

Porret, Daniel, Monthey, assignor to Ciba Limited, Basel, Switzerland. Coprecipitated alumina magnesia silica catalysts. 2,540,689. Feb. 6.

Porsche Konstruktionen G. m. b. H., assignee: *See*—
Rabe Karl.

Port, Frederick J.: *See*—
Mendel, Leo E., Port, and Turner.

Port, Frederick J., Chicago, J. R. Hall, Elmhurst, and C. L. Turner, assignors to Cribben and Sexton Company, Chicago, Ill. Burner cap structure. 2,560,984, July 17.

Port, William S.: *See*—
Swern, Daniel, Jordan, and Port.

Portable Industries, Inc., assignee: *See*—
Temple, Stanley A.

Port-A-Crib, Inc., assignee: *See*—
Graf, Paul R., and Tlapek.

Portail, Fernand, Paris, France, assignor to Societe: Le Carbone Lorraine. Sliding contact of electric machines. 2,555,997, June 5.

Porter-Cable Machine Company, assignee: *See*—
Crosby, Stephen A., and Zasadny.
Emmons, Arthur N.
Wright, James A.

Porter, Charles A.: *See*—
Folkins, Hillis O., Porter, Miller, and Hennig.
Marisic, Milton M., and Porter.

Porter, Charles A., Crystal Lake, and M. M. Marisic, Elgin, assignors to The Pure Oil Company, Chicago, Ill. Sulfur vaporization. Re. 23,318, Jan. 2.

Porter, Charles B., Jr.: *See*—
Moehrl, Kenneth E., and Porter.

Porter, Francis W., Marshfield, Mass., assignor to Wright Aeronautical Corporation. Multispeed transmission. 2,544,543, Mar. 6.

Porter, Frank, Morristown, and J. N. Cosby, Morris Township, Morris County, N. J., assignors to Allied Chemical & Dye Corporation, New York, N. Y. Oxidation of cycloaliphatic compounds. 2,565,087, Aug. 21.

Porter, Frederick W. B.: *See*—
Docksey, Patrick, and Porter.
Lorne, Henry T., and Porter.

Porter, Frederick W. B., Sunbury-on-Thames, assignor to Anglo-Iranian Oil Company Limited, London, England. Catalytic desulfurization of petroleum hydrocarbons. 2,574,447, Nov. 6.

Porter, Frederick W. B., and F. R. G. Green, Sunbury-on-Thames, assignors to Anglo-Iranian Oil Company Limited, London, England. Catalytic desulphurisation of naphthas. 2,573,726, Nov. 6.

Porter, Frederick W. B., and F. R. G. Green, Sunbury-on-Thames, assignors to Anglo-Iranian Oil Company Limited, London, England. Catalytic desulfurization of kerosene and white spirits. 2,574,445, Nov. 6.

Porter, Frederick W. B., and R. P. Northcott, Sunbury-on-Thames, assignors to Anglo-Iranian Oil Company Limited, London, England. Desulfurization of hydrocarbon extracts. 2,574,450, Nov. 6.

Porter, Frederick W. B., and R. P. Northcott, Sunbury-on-Thames, assignors to Anglo-Iranian Oil Company Limited, London, England. Catalytic desulfurization of petroleum hydrocarbons. 2,574,451, Nov. 6.

Porter, George G., Miami, Fla. Shower bath curtain support. 2,573,985, Nov. 6.

Porter, George K., Hatboro, Pa., assignor to Bendix Aviation Corporation, Teterboro, N. J. Forming jewel bearings. 2,552,381, May 8.

Porter, George R., West Hartford, Conn., assignor to Colt's Manufacturing Company. Dishwashing machine. 2,574,058, Nov. 6.

Porter, Glenn M., Riverside, Calif., assignor to Food Machinery and Chemical Corporation. Electric weigher. 2,568,253, Sept. 18.

Porter, Glenn M., Riverside, assignor to Food Machinery and Chemical Corporation, San Jose, Calif. Covering box dumper. 2,577,091, Dec. 4.

Porter, H. K., Company, Inc., assignee: *See*—
MacLean, Allen D.

Porter, H. K., Inc., assignee: *See*—
Ferguson, Ray E.
Porter, Henry W., and Ferguson.
Tibbetts, Willis F.

Porter, Harry L.: *See*—
Kuehl, Hugo H., Warka, and Porter.

Porter, Henry H., Silver Spring, Md., assignor to the United States of America as represented by the Secretary of War. Point contact fuse. 2,537,855, Jan. 9.

Porter, Henry W., Brookline, Mass., and W. H. Ferguson, Flint, Mich., assignors to H. K. Porter, Inc., Everett, Mass. Appliance for positioning automobile parts for reforming operations. 2,542,836, Feb. 20.

Porter, Herbert C.: *See*—
Sullivan, Raymond H., Hardy, and Porter.

Porter, John F., Arlington, Va. Apparatus for powdering and smoothing shoe soles. 2,563,362, Aug. 7.

Porter, John L.: *See*—
Mills, Gordon F., and Porter.

Porter, John L., Baton Rouge, La., assignor to Kaiser Aluminum & Chemical Corporation. Control of phosphate in alumina production. 2,557,891, June 19.

Porter, John L., Palo Alto, Calif., assignor, by mesne assignments, to Kaiser Aluminum & Chemical Corporation. Method and apparatus for quenching molten material. 2,569,779, Oct. 2.

Porter, John L., Palo Alto, Calif., assignor to Kaiser Aluminum & Chemical Corporation. Preparing white finely divided amorphous silica. 2,573,057, Oct. 30.

Porter, Laurence W., Westbrook, and F. H. Jewett, II, Buxton, Maine, assignors to S. D. Warren Company, Boston, Mass. Production of paper coating adhesives. 2,555,057, May 29.

Porter, Louis F., Allendale, N. J. Elongated flexible tubular explosive. 2,543,057, Feb. 27.

Porter Machine Company, assignee: *See*—
Porter, Walter J., and W. G.

Porter, Percy L., Los Angeles, Calif. Closure. 2,572,383, Oct. 23.

Porter, Percy L., and A. D. Armstrong, Los Angeles, Calif. Locking device. 2,559,047, July 3.

Porter, Ralph B.: *See*—
Francis, Charles B., and Porter.

Porter, Raymond, Smithville, Mo. Cultivating implement. 2,558,154, June 26.

Porter, Rodney W.: *See*—
Murray, Malcolm G., and Porter.

Porter, Rotheus B., Jr., Darien, Conn., assignor to American Cyanamid Company, New York, N. Y. Producing mixed condensation products. 2,555,605, June 5.

Porter, Rotheus B., Jr., Darien, and E. J. Campbell, Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Modified petroleum sulfonates as emulsifying agents for waxes. 2,541,006, Feb. 6.
Porter, Walter G.: *See*—
Porter, Walter J., and W. G.
Porter, Walter J. and W. G., assignors to Porter Machine Company, Cincinnati, Ohio. Drilling jig. 2,561,819, July 24.
Porter, William H., La Jolla, Calif. Ventilator. 2,569,689, Oct. 2.
Porter, William L.: *See*—
Willits, Charles O., and Porter.
Porth, Irving H., Paterson, N. J., assignor to United States Rubber Company, New York, N. Y. Loom picker. 2,573,273, Oct. 30.
Portser, Charles H., Jr., assignor to Armstrong Cork Company, Lancaster, Pa. Emulsion polymerization of diolefins in the presence of selected polymerization regulators. 2,562,944, Aug. 7.
Posey, Calvin L., Memphis, Tenn. Scraping machine. 2,545,827, Mar. 20.
Posey, John W., and G. L. Weimer, assignors to Durakool, Inc., Elkhart, Ind. Fused electrode assembly. 2,545,629, Mar. 20.
Poskey, Fred, Stamps, Ark. Bracket for supporting an inverted Mason type jar containing articles to be dispensed, including a receptacle with rotary valve. 2,543,934, Mar. 6.
Posner, Henry, assignee: *See*—
Lavander, Edward J.
Posner, Richard P., assignee: *See*—
Lavander, Edward J.
Pospisil, Louis J., assignor to Novelty Carriage Works, Inc., Spokane, Wash. Three-leg truck mounted derrick. 2,541,970, Feb. 13.
Post, Carl B., Wyomissing, and D. G. Schoffstall, assignors to The Carpenter Steel Company, Reading, Pa. Hot workable alloy. 2,553,330, May 15.
Post, Durrel E., Gates Mills, Ohio. Chance controlled game board apparatus with cards and dice. 2,549,708, Apr. 17.
Post, Durrel E., Gates Mills, Ohio. Combination card and dice game. 2,560,187, July 10.
Post, Earl E., Pomona, and W. N. Oldham, Monrovia, Calif., assignors to American Cyanamid Company, New York, N. Y. Composition for drilling muds. 2,579,453, Dec. 25.
Post, George F., Weedsport, N. Y. Tube dispenser cap. 2,540,215, Feb. 6.
Post, Jordan A., Highland Park, Mich. Wall bracket. 2,542,941, Feb. 20.
Post Machinery Company, assignee: *See*—
Fergnani, Walter P.
Postal, Robert H., New York, N. Y., assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Acoustic coupling device. 2,544,765, Mar. 13.
Postlewaite, William R., Menlo Park, assignor to California Research Corporation, San Francisco, Calif. Testing evacuated well pressure gauges. 2,542,355, Feb. 20.
Postma, Frank, Paterson, N. J. Abrading device. 2,548,445, Apr. 10.
Postma, Frank, Paterson, N. J. Bearing lubrication. 2,554,154, May 22.
Posture Research Institute, Inc., assignee: *See*—
Wood, Glenn D.
Potack, John R.: *See*—
Labrozzi, Anthony F., and Potack.
Potash, Maxwell: *See*—
Dolnick, Arthur A., and Potash.
Potato Chip Equipment Corporation, assignee: *See*—
Kobey, Silas M.
Potdevin, Adolph, Garden City, assignor to Potdevin Machine Company, Brooklyn, N. Y. Cylinder adjusting mechanism for printing presses. 2,554,345, May 22.
Potdevin, Adolph, Garden City, and R. P. Bechle, Yonkers, assignors to Potdevin Machine Company, Brooklyn, N. Y. Mechanism for successively producing bag lengths from continuously advancing tubular webs. 2,560,473, July 10.
Potdevin Machine Company, assignee: *See*—
Potdevin, Adolph.
Potdevin, Adolph, and Bechle.
Pothier, Arthur C., and A. C. Howe, Portland, Maine. Tool for removing radio tubes and vibrators. 2,547,138, Apr. 3.
Potholm, Valdemar A., Hartford, Conn. Combined duster and blower. 2,547,718, Apr. 3.
Potier, Gaston, Versailles, and P. Cornet, assignors to Societe française Sadir-Carpentier, Paris, France. Electrical pulse generator. 2,578,982, Dec. 18.
Potjer, Aildert A., Eindhoven, Netherlands, assignor to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Oscillographic voltage measuring device. 2,539,971, Jan. 30.
Pottberg, Fred H., and R. C. Freberg, Tinley Park, Ill. Well fixture seal. 2,568,301, Sept. 18.
Pottberg, Rolfe L.: *See*—
Noble, James H., Pottberg, and Tainton.
Potter, Adelbert, assignor to Edwd. F. Caldwell & Co. Inc., New York, N. Y. Recessed fluorescent lighting fixture having means to direct the light rays close to the fixture supporting wall. 2,564,373, Aug. 14.
Potter, Albert T., assignor to Ainsworth Manufacturing Corporation, Detroit, Mich. Bomb release mechanism. 2,571,381, Oct. 16.
Potter, David M., Plainfield, N. J. Coaxial coupling. 2,540,346, Feb. 6.
Potter, George P., Keyport, N. J., assignor to Armstrong Cork Company, Lancaster, Pa. Orienting hopper. 2,561,412, July 24.
Potter, James A., Rutherford, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Battery charging apparatus. 2,541,935, Feb. 13.
Potter, James A., Rutherford, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Voltage regulator. 2,563,486, Aug. 7.
Potter, James A., Rutherford, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Regulated rectifying apparatus. 2,577,151, Dec. 4.
Potter, James L., Highland Park, N. J., assignor, by mesne assignments, to General Bronze Corporation, New York, N. Y. Television and radio distribution system. 2,578,836, Dec. 18.
Potter, John T., Great Neck, N. Y. Predetermined electronic counter. 2,574,283, Nov. 6.
Potter, John T., Manhassett, N. Y. Counter. 2,538,122, Jan. 16.
Potter, John T., New York, N. Y. Contour counter. 2,580,192, Dec. 25.
Potter, Manley C.: *See*—
Graybrook, Herbert W., and Potter.
Potter, Manley C., Turtle Creek, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Motor alternator control system. 2,549,334, Apr. 17.
Potter, Ralph K.: *See*—
Davis, Kingsbury H., and Potter.
Peterson, Liss C., and Potter.
Potter, Ralph K., Morristown, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Loud-speaking telephone set. 2,568,823, Sept. 25.
Potter, Ray M., Minneapolis, Minn. Electrochemical proportioning apparatus. 2,559,090, July 3.
Potter, William W., and A. J. Fuller, Pawtucket, R. I., assignors, by mesne assignments, to Niles-Bement-Pond Company, West Hartford, Conn. Machine tool. 2,546,520, Mar. 27.
Potter, William W., and A. J. Fuller, Pawtucket, R. I., assignors, by mesne assignments, to Niles-Bement-Pond Company, West Hartford, Conn. Change-speed drive for machine tool spindles. 2,561,753, July 24.
Potter, William W., and A. J. Fuller, Pawtucket, R. I., assignors, by mesne assignments, to Niles-Bement-Pond Company, West Hartford, Conn. Machine tool. 2,571,288, Oct. 16.
Potter, William W., and A. J. Fuller, Pawtucket, R. I., assignors, by mesne assignments, to Niles-Bement-Pond Company, West Hartford, Conn. Machine tool. 2,571,289, Oct. 16.
Pottle, Ralph K., assignor to American Can Company, New York, N. Y. Counting, stacking, and packing machine. 2,556,214, June 12.
Pottle, Ralph K., assignor to American Can Company, New York, N. Y. Container. 2,559,658, July 10.
Pottle, Ralph K., assignor to American Can Company, New York, N. Y. Sifter top for granular material containers, with dispensing closure therefor, removably attachable in two dispensing positions. 2,563,865, Aug. 14.
Pottmeyer, Edward W., assignor to Blaw-Knox Company, Pittsburgh, Pa. Water-cooled furnace door. 2,547,229, Apr. 3.
Potts, Clyde, deceased, Morristown, N. J.; W. Gavett, S. N. Williams, and J. D. Collins, 3rd., executors. Door and mechanism for opening and closing the same. 2,547,488, Apr. 3.
Potts, Esther B., and F. D. La Roche, Waco, Tex., said F. D. La Roche now by change of name F. D. Allen. Auxiliary toilet seat. 2,548,238, Apr. 10.
Potts, Hallie A.: *See*—
Crawford, Charles F., Potts, and Price.
Potts, Herbert J., Pelham Manor, assignor to Alexander Smith & Sons Carpet Company, Yonkers, N. Y. Yarn twister or pliers. 2,551,462, May 1.
Potts, James E., Jr., Baton Rouge, La., assignor to Tennessee Valley Authority. Apparatus for gas analysis. 2,561,414, July 24.
Potts, Louis M., deceased, by M. W. C. Potts, executrix, Evanston, assignor to Teletype Corporation, Chicago, Ill. Mechanical ciphering units. 2,537,420, Jan. 9.
Potts, Louis M., deceased, late of Evanston, Ill., by M. W. C. Potts, executrix, Evanston, assignor to Teletype Corporation, Chicago, Ill. Printing telegraph system and apparatus. 2,540,287, Feb. 6.
Potts, Louis M., Evanston, assignor to Teletype Corporation, Chicago, Ill. Message numbering apparatus. 2,543,199, Feb. 27.
Potts, Louis M., deceased, by M. W. C. Potts, executrix, Evanston, Ill., assignor to Teletype Corporation, Chicago, Ill. Magnetic recording and transmitting system. 2,550,427, Apr. 24.

Potts, Louis M., deceased, by M. W. C. Potts, executrix, Evanston, assignor to Teletype Corporation, Chicago, Ill. Radio telegraph system with direction control. 2,554,793, May 29.

Potts, Louis M., deceased, by M. W. C. Potts, executrix, Evanston, assignor to Teletype Corporation, Chicago, Ill. Transmitting apparatus. 2,554,794, May 29.

Potts, Louis M., deceased, Evanston, Ill., by M. W. C. Potts, executrix, Evanston, assignor to Teletype Corporation, Chicago, Ill. Combined telephone and telegraph system. 2,557,392, June 19.

Potts, Louis M., deceased, Evanston, Ill., by M. W. C. Potts, executrix, Evanston, assignor to Teletype Corporation, Chicago, Ill. Keyboard operated magnetic recorder. 2,560,474, July 10.

Potts, Louis M., deceased, Evanston, Ill., by M. W. C. Potts, executrix, assignor to Teletype Corporation, Chicago, Ill. High-speed photoelectric transmitter. 2,565,266, Aug. 21.

Potts, Louis M., deceased, Evanston, Ill., by M. W. C. Potts, executrix, assignor to Teletype Corporation, Chicago, Ill. Telegraph converter system and apparatus. 2,565,267, Aug. 21.

Potts, Louis M., deceased, late of Evanston, Ill., by M. W. C. Potts, executrix, Evanston, assignor to Teletype Corporation, Chicago, Ill. Telegraph converter system and apparatus. 2,579,612, Dec. 25.

Potts, Martha W. C., executrix: *See*—
Potts, Louis M.

Potts, Myrle A., Parma Heights, assignor of thirty-three and one-third per cent to P. C. Potts and thirty-three and one-third per cent to D. J. Parker, Parma, Ohio. Rack construction for roasters. 2,549,709, Apr. 17.

Potts, Paul C., assignee: *See*—
Potts, Myrle A.

Potts, Ralph H., La Grange, assignor to Armour and Company, Chicago, Ill. Manufacture of nitriles and amides. 2,546,521, Mar. 27.

Potts, Ralph H., La Grange, assignor to Armour and Company, Chicago, Ill. Manufacture of nitriles and amides. 2,555,606, June 5.

Potts, Ralph H., La Grange, and R. N. Olson, assignors to Armour and Company, Chicago, Ill. Apparatus for distillation of fatty acids, tall oil, and the like. 2,573,727, Nov. 6.

Potvin, Claud L., Minneapolis, Minn. Corn and callus trimmer. 2,573,487, Oct. 30.

Potvin, Richard J., Brockton, Mass. Manufacture of moccasin shoes. 2,537,602, Jan. 9.

Pouell, Harry E., Kokomo, Ind. Automobile wheel-balance weight. 2,576,724, Nov. 27.

Pouliart, Willy: *See*—
Ringkjob, Ragnar E. T., and Pouliart.

Pouliart, Willy, Antwerp, Belgium, assignor to International Standard Electric Corporation, New York, N. Y. Automatic control of selectors by register potential matching. 2,547,043, Apr. 3.

Pouliot, Cyrille, Charlesbourg, Quebec, Canada. Ice breaker. 2,551,967, May 8.

Pouliot, Paul, assignee: *See*—
Fortin, Charles A.

Poulter, Thomas C., La Grange, assignor to Armour Research Foundation of Illinois Institute of Technology, Chicago, Ill. High-pressure apparatus. 2,554,499, May 29.

Poulter, Thomas C., Palo Alto, Calif., assignor to Institute of Inventive Research, San Antonio, Tex. Seismic exploration employing elevated charges. 2,545,380, Mar. 13.

Pound, Robert V.: *See*—
Halpern, Julius, and Pound.

Pound, Robert V., Cambridge, Mass., assignor, by mesne assignments, to the United States of America as represented by the Secretary of War. Wave guide mixer. 2,567,825, Sept. 11.

Pound, Robert V., Cambridge, Mass., assignor, by mesne assignments, to the United States of America as represented by the Secretary of War. Wave guide T bridge detecting apparatus. 2,577,540, Dec. 4.

Pounds, Vester O., assignor to J. W. Scovel, Independence, Kans., in trust. Fluid operated pumping mechanism. 2,540,347, Feb. 6.

Poupart, Max J., Versailles, France. Plant for the continuous zymothermic fermentation of all organic matters. 2,558,155, June 26.

Poupitch, Ouglјesa J., assignor to Illinois Tool Works, Chicago, Ill. Fastening device. 2,537,786, Jan. 9.

Poupitch, Ouglјesa J., assignor to Illinois Tool Works, Chicago, Ill. Preassembled nut and lock washer. 2,541,096, Feb. 13.

Poupitch, Ouglјesa J., assignor to Illinois Tool Works, Chicago, Ill. Fastener unit. 2,555,291, May 29.

Poupitch, Ouglјesa J., assignor to Illinois Tool Works, Chicago, Ill. Fastener. 2,555,292, May 29.

Poupitch, Ouglјesa J., assignor to Illinois Tool Works, Chicago, Ill. Drive fastener. 2,559,570, July 3.

Poupitch, Ouglјesa J., assignor to Illinois Tool Works, Chicago, Ill. Thread gripping lock nut. 2,576,890, Nov. 27.

Poupitch, Ouglјesa J., assignor to Illinois Tool Works, Chicago, Ill. Fastener unit. 2,576,906, Nov. 27.

Poupitch, Ouglјesa J., assignor to Illinois Tool Works, Chicago, Ill. Rotary fastener. 2,580,319, Dec. 25.

Pourciau, Louis L., Pleasantville, N. Y., assignor to General Precision Laboratory Incorporated. High-fidelity amplifier. 2,559,515, July 3.

Pourciau, Louis L., and R. W. Lee, Pleasantville, N. Y., assignors to General Precision Laboratory Incorporated. Vertical synchronization pulse separation circuit. 2,539,374, Jan. 23.

Pouré, Emile E., assignor of one-half to Camille Le Gall, Montreuil-sous-Bois, France. Mixing apparatus. 2,547,092, Apr. 3.

Poux, Noel J.: *See*—
Keech, Horace, and Poux.

Poux, Noel J., Meadville, Pa. Therapeutical device. 2,547,886, Apr. 3.

Poux, Noel J., Meadville, Pa. Therapeutical device. 2,562,121, July 24.

Poux, Noel J., Meadville, Pa.: Making hot and cold packs. 2,566,533, Sept. 4.

Pouzet, Georges, assignor to Compagnie Generale d'Electricite, Paris, France. Insulating head for electric cables under high pressure. 2,540,909, Feb. 6.

Povinelli, Louis J., North Bergen, N. J. Tractor reverse gear. 2,556,939, June 12.

Povondra, Frank, Bridgeport, Conn. Holder and carrier for kitchen waste containers provided with pickup tool scraping means. 2,536,215, Jan. 2.

Powasnick, George, assignor of thirty-five per cent to F. Penchansky, and ten per cent to J. Matejicka, Bayonne, N. J. Testing and trouble eliminating appliance for ignition systems. 2,548,056, Apr. 10.

Powder-Power Tool Corp., assignee: *See*—
Meyers, Cornelius W.

Powder Weld Process Company, The, assignee: *See*—
Wiese, Randolph A.

Powdrell & Alexander, Inc., assignee: *See*—
Carragher, Hugh J.

Powell, Albert C.: *See*—
Gooderham, John W., Hague, and Powell.

Powell, Alfred R., assignor to Koppers Company, Inc., Pittsburgh, Pa. Coke oven apparatus. 2,540,138, Feb. 6.

Powell, Allan F., assignee: *See*—
Powell, Walter N.

Powell, Alric H., Yeadon, and C. L. Schuck, Drexel Hill, Pa., assignors to General Electric Company. Coordinate fuse and mounting clips. 2,558,581, June 26.

Powell, Charles: *See*—
Boegly, William J., Bennett, Morrison, and Powell.

Powell, Charles P.: *See*—
Gannon, John J., Fiscella, Powell, and Bramfitt.

Powell, Charles S., Morristown, and P. R. T. Hahn, Westfield, N. J., assignors to Reiss Manufacturing Corporation, Wilmington, Del. Pneumatic pressure pressing machine. 2,537,700, Jan. 9.

Powell, Clyde C., assignor to National Poultry Equipment Company, Seattle, Wash. Automatic egg cleaning machine. 2,554,878, May 29.

Powell, Clyde C., and W. R. Powell, Seattle, Wash. Mechanism for dispensing measured lengths of tacky tape. 2,572,757, Oct. 23.

Powell, David M., assignor to Powell and Richert, Inc., La Junta, Colo. Rotary seat attachment for barbers' chairs. 2,578,373, Dec. 11.

Powell, Edward B., San Diego, Calif. Flexible connections in drill pipe strings. 2,536,216, Jan. 2.

Powell, Edward R.: *See*—
Stafford, William L., and Powell.

Powell, Edward R., North Plainfield, N. J., assignor to Johns-Manville Corporation, New York, N. Y. Method and apparatus for the manufacture of mineral wool. 2,577,431, Dec. 4.

Powell, Ellis G., O. G. Johnson, and A. J. Olson, Michigan City, Ind., assignors to C. A. Dunham Company. Radiator. 2,557,760, June 19.

Powell, Frank A., Collingswood, N. J. Awning. 2,561,225, July 17.

Powell, Gordon F. W.: *See*—
Harvey, Valentine P., and Powell.

Powell, Jack E., Ames, Iowa, assignor to the United States of America as represented by the United States Atomic Energy Commission. Preparation of uranium bromide. 2,562,122, July 24.

Powell, Jeston H., Jr., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Interpolymers of an alkyl acrylate, a haloalkyl vinyl compound, and a divinyl aryl hydrocarbon. 2,568,659, Sept. 18.

Powell, Max W., Winnetka, assignor to Ogle Construction Co., Chicago, Ill. Safety latch mechanism for coal distributing aprons. 2,554,751, May 29.

Powell, Max W., Winnetka, assignor to Ogle Construction Co., Chicago, Ill. Sand hose valve operable to open automatically when connected to sand box. 2,566,248, Aug. 28.

Powell, Melvin W., Pelham, Ga. Coin-actuated control and change delivery mechanism. 2,564,719, Aug. 21.

Powell, Paul B.: *See*—
Dunaway, James H., and Powell.

Powell, Prosper, Norfolk, Va. Fountain receptacle. 2,565,882, Aug. 28.

Powell and Richert, Inc., assignee: *See*—
Powell, David M.

Powell, Roger F., assignee: *See*—
Van Aardt, Johannes H. P.

Powell, Virgil S., Cedar Rapids, Iowa. License and key container. 2,571,609, Oct. 16.
Powell, Walter N., assignor of one-third to A. F. Powell and one-third to H. Anderson, St. Helens, England. Hand plane having adjustable mouth. 2,570,980, Oct. 9.
Powell, Walter R.: *See*—
Powell, Clyde C. and W. R.
Powell, William L., Kissimmee, Fla. Radiator. 2,556,632, June 12.
Powell, Wilson M., Berkeley, Calif., assignor to the United States of America as represented by the United States Atomic Energy Commission. Flux phase indicator. 2,557,761, June 19.
Powell, Wilson M., and A. W. Hughes, Berkeley, Calif., assignors to the United States of America as represented by the United States Atomic Energy Commission. Timing apparatus. 2,574,841, Nov. 13.
Powell, Wilton, Houston, Tex. Ferris wheel. 2,576,477, Nov. 27.
Powell, Winfred T., Rochester, N. Y., assignor to Stromberg-Carlson Company. Register-sender for automatic telephone systems. 2,541,936, Feb. 13.
Powell, Winfred T., Rochester, N. Y., assignor to Stromberg-Carlson Company. Automatic telephone system. 2,543,534, Feb. 27.
Powell, Winfred T., Rochester, N. Y., assignor to Stromberg-Carlson Company. Telephone line marking system. 2,555,245, May 29.
Powell, Winfred T., Rochester, N. Y., assignor to Stromberg-Carlson Company. Automatic telephone system. 2,562,123, July 24.
Power Equipment Company, assignee: *See*—
Bixby, William H.
Power, Ernest B.: *See*—
Nelson, Evan H., and Power.
Power-Gas Corporation Limited, The, assignee: *See*—
Andreasen, Svend V.
Power, James R., Chatham, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone ringer. 2,547,537, Apr. 3.
Power Jets (Research and Development) Limited, assignee: *See*—
Adams, Henry F. T.
Alcock, John F.
Bailey, Wilfred, and Roy.
Barr, Richard H. H.
Clapham, Thomas.
Cohen, Henry.
Cohen, Henry, and Robson.
Constant, Hayne.
Darling, Robert F.
Davidson, Ivor M.
Feilden, Geoffrey B. R.
Hahnemann, Horst W.
Hawthorne, William R.
Howell, Alun R.
Johnstone, Alexander P., and Cohen.
McLeod, Roderick C.
McLeod, Roderick C., and Feilden.
Nathan, Matthew L.
Smith, Austin G.
Stevens, Raymond K. P., and Cox.
Thompson, Arthur C. R.
Umney, Laurie E. R.
Walker, Daniel N.
Walker, Daniel N., Ashwood, and Cowan.
Whittle, Frank.
Power, Richard F., Hampstead, London, and H. A. Cherry, Harborne, assignors to Kalamazoo Limited, Birmingham, England. Loose-sheet holder. 2,556,633, June 12.
Power-Samas Accounting Machines Limited, assignee: *See*—
Baldwin, Richard E.
Power, Vincent J., Garden City, Kans. Roller skate. 2,557,233, June 19.
Powers, Dewey, Savannah, Ga. Dual position target. 2,540,288, Feb. 6.
Powers, Donald H., Winchester, Mass., assignor to Monsanto Chemical Company, St. Louis, Mo. Bonded laminae and making same. 2,555,506, June 5.
Powers, Frank M., River Forest, Ill. Awning. 2,578,737, Dec. 18.
Powers, Frank T., Jr., executor, assignee: *See*—
Powers, Frank T., Sr.
Powers, Frank T., Sr., deceased, late of Glen Cove, N. Y., by F. T. Powers, Jr., Locust Valley, and J. M. Powers, Glen Cove, N. Y., executors, assignors to Powers Photo Engraving Company. Plate powdering machine. 2,553,209, May 15.
Powers, Frank T., Sr., deceased, Glen Cove, N. Y., by F. T. Powers, Jr., Locust Valley, and J. M. Powers, Glen Cove, N. Y., executors, assignors to Powers Photo Engraving Company. Plate powdering machine. 2,557,561, June 19.
Powers, Frank T., Sr., deceased, Glen Cove, by F. T. Powers, Jr., Locust Valley, and J. M. Powers, Glen Cove, N. Y., executors, assignors to Powers Photo Engraving Company. Etching machine. 2,566,142, Aug. 28.
Powers, Cedric: *See*—
Godfrey, James H., and Powers.
Powers, James H., Westport, Conn., assignor to General Electric Company. Grinding and drainage means for waste disposal apparatus. 2,562,736, July 31.
Powers, James H., Westport, Conn., assignor to General Electric Company. Grinder mechanism for waste disposal apparatus. 2,565,322, Aug. 21.
Powers, James H., Westport, Conn., assignor to General Electric Company. Waste disposal apparatus. 2,566,069, Aug. 28.
Powers, James H., Westport, Conn., assignor to General Electric Company. Waste disposal apparatus. 2,577,152, Dec. 4.
Powers, John B., Davis, assignor to The Regents of The University of California, Berkeley, Calif. Gate operating motor. 2,541,937, Feb. 13.
Powers, John M., Baytown, Tex., assignor, by mesne assignments, to Standard Oil Development Company, Elizabeth, N. J. Inhibiting polymerization of diolefins. 2,557,684, June 19.
Powers, John M., Baytown, Tex., assignor, by mesne assignments, to Standard Oil Development Company, Elizabeth, N. J. Polymerizing olefins at subatmospheric temperatures. 2,561,226, July 17.
Powers, John M., executor, assignee: *See*—
Powers, Frank T., Sr.
Power, Michael J., assignor to Nekoosa Foundry and Machine Works, Inc., Nekoosa, Wis. Outfeeding mechanism for portable debarking machines. 2,543,128, Feb. 27.
Powers, Michael M., and C. J. Loechl, Chicago, Ill., assignors to Certain-teed Products Corporation, Ardmore, Pa. Production of gypsum wallboard. 2,573,355, Oct. 30.
Powers, Milton A., assignor to The Timken-Detroit Axle Company, Detroit, Mich. Heating device. 2,537,086, Jan. 9.
Powers, Milton A., assignor to The Timken-Detroit Axle Company, Detroit, Mich. Heating system. 2,539,469, Jan. 30.
Powers, Milton A., Detroit, Mich. Heat mover. 2,566,630, Sept. 4.
Powers, Milton A., and A. Lodge, assignors to The Timken-Detroit Axle Company, Detroit, Mich. Washing machine lint catcher. 2,536,087, Jan. 2.
Powers, Paul O., Manheim Township, Lancaster County, assignor to Armstrong Cork Company, Lancaster, Pa. Molding composition containing a reactive phenol-aldehyde condensation product and making the same. 2,562,945, Aug. 7.
Powers Photo Engraving Company, assignee: *See*—
Maxwell, John D.
Powers, Frank T., Sr.
Powers, Ray D., assignor to The Leavitt Machine Company, Orange, Mass. Separator valve. 2,541,282, Feb. 13.
Powers, Robert E., assignor to Koppers Company, Inc., Pittsburgh, Pa. Preparation of thiourea. 2,552,584, May 15.
Powers, Robert E., Pittsburgh, Pa., and J. Mitchell, Boston, Mass., assignors to Koppers Company, Inc., Pittsburgh, Pa. Preparation of thiourea. 2,560,596, July 17.
Powers-Samas Accounting Machines Limited, assignee: *See*—
Thomas, Arthur.
Thomas, Arthur, and Brown.
Powless, Kenneth B., assignee: *See*—
Ditto, John.
Powlick, Nicholas J., Chicago, Ill. Pony-cycle for children. 2,541,718, Feb. 13.
Pownall, George L., Cincinnati, Ohio. Refrigerator crisper. 2,579,335, Dec. 18.
Pownall, George L., London, Ohio. Unit and method of ice producing and harvesting. 2,536,217, Jan. 2.
Poyer, Charles E., Miami Beach, Fla. Dispensing device for tooth powder. 2,558,981, July 3.
Poyner Frank C., San Diego, Calif. Turntable. 2,536,218, Jan. 2.
Poynor, Russell R., Canton, Ill., assignor to International Harvester Company. Mulch-tiller-planter. 2,577,363, Dec. 4.
Pozarik, Alfred, assignor of forty-five per cent to Riverdale Technical Corporation, New York, forty-five per cent to A. Pozarik, Hollis, and ten per cent to A. Saccard, New York, N. Y. Ophthalmic attachment. 2,545,673. Mar. 20.
Poznik, William, Brooklyn, N. Y. Venting attachment for gasoline tank filling necks. 2,576,192, Nov. 27.
Pozzi, Peter D.: *See*—
Gorell, Frank, and Pozzi.
Prache, Jacques E., Fontenay-sous-Bois, assignor to Schneider & Cie, Paris, France. Muzzle recoil check for firearms. 2,567,826, Sept. 11.
Prache, Jacques E., Fontenay-sous-Bois, assignor to Schneider & Cie., Paris, France. Hydropneumatic recuperator for guns. 2,574,059, Nov. 6.
Prache, Jacques E,. Fontenay-sous-Bois, assignor to Societe des Forges et Ateliers du Creusot, Paris, France. Hydropneumatic recuperator with adjustable power. 2,574,060, Nov. 6.
Prache, Marie P., Versailles, assignor to Lignes Telegraphiques et Telephoniques, Conflans-Ste-Honorine, Seine-et-Oise, France. Electronic generator of high-frequency alternating currents. 2,555,456, June 5.
Practical Patent Co. Inc., assignee: *See*—
Gersten, Samuel B., and Rashal.

Praeg, Walter S., assignor to National Broach & Machine Company, Detroit, Mich. Gear lapping. 2,541,283, Feb. 13.
Praeg, Walter S., assignor to National Broach & Machine Company, Detroit, Mich. Crown shaving gears. 2,542,569, Feb. 20.
Praeg, Walter S., assignor to National Broach & Machine Company, Detroit, Mich. Method and apparatus for finishing rack sections. 2,543,985, Mar. 6.
Praeg, Walter S., assignor to National Broach & Machine Company, Detroit, Mich. Shaving gears. 2,554,752, May 29.
Praeg, Walter S., assignor to National Broach & Machine Company, Detroit, Mich. Gear finishing. 2,557,462, June 19.
Praeg, Walter S., and A. B. Bassoff, assignors to National Broach & Machine Company, Detroit, Mich. Gear finishing machine. 2,565,883, Aug. 28.
Prager, Frank D., Chicago, Ill., and R. C. Ulm, Schererville, Ind., assignors to Graver Tank & Mfg. Co., Inc. Center-weighted floating roof. Re. 23,417, Oct. 16.
Prager, Frank D., Chicago, Ill., and R. Welter, St. Louis, Mo. Solid contact tanks, ducts, and controls for the same. 2,570,590, Oct. 9.
Prager, Lottie, New York, N. Y. Window washing device. 2,569,258, Sept. 25.
Prahl, Frederick A., Steubenville, Ohio, assignor to National Steel Corporation. Apparatus and method for plating strips. 2,544,510, Mar. 6.
Prahl, Frederick A., Jr., Wenham, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Machine frame. 2,544,723, Mar. 13.
Prahm, Louis, New York, N. Y. Two-way communication system. 2,536,820, Jan. 2.
Prahm, Louis, New York, N. Y. Two-way communication system. 2,543,986, Mar. 6.
Prais, Alfred R., Garfield, N. J. Internal screw-thread concentricity indicator. 2,547,774, Apr. 3.
Praizner, Edward, Montclair, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Radio paging system for vehicles. 2,554,591, May 29.
Prance, Stanley R., Dayton, Ohio., assignor to General Motors Corporation, Detroit, Mich. Forming masks for articles having intaglio designs. 2,556,706, June 12.
Prangley, Curtis F., Evanston, Ill. Electrically controlled liquid dispensing apparatus. 2,537,603, Jan. 9.
Prat-Daniel Corporation, assignee: *See*—
Whiton, Louis C., Watson, McBride, and Remington.
Prater, Harlan I., Jr.: *See*—
Trumbour, George P., and Prater.
Prather, Asa P., and O. P., Georgetown, Ky. Motor vehicle actuated road speed checking apparatus. 2,576,415, Nov. 27.
Prather, Edwin E., assignor to Bendix Aviation Corporation, South Bend, Ind. Transmission operating mechanism. 2,562,366, July 31.
Prather, Edwin E., assignor to Bendix Aviation Corporation, South Bend, Ind. Clutch control mechanism. 2,572,659, Oct. 23.
Prather, George D., assignee: *See*—
Prather, Thomas F.
Prather, Otho P.: *See*—
Prather, Asa P., and O. P.
Prather, Thomas F., assignor of one-half to G. D. Prather, Wasco, Calif. Potato digger and cleaner. 2,554,753, May 29.
Prati, Enrico, Asti, Calif. Carload adjusting means. 2,548,057, Apr. 10.
Pratt, Amber C., assignee, executrix: *See*—
Pratt, Lawrence E.
Pratt, Burt C.: *See*—
Arthur, Paul, Jr., and Pratt.
Pratt, Burt C., and P. L. Salzberg, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Obtaining pigmented films. 2,570,856, Oct. 9.
Pratt, Charles A., assignor to Goodman Manufacturing Company, Chicago, Ill. Coal mine hauling vehicle. 2,549,852, Apr. 24.
Pratt, Charles A., assignor to Goodman Manufacturing Company, Chicago, Ill. Coal mining haulage vehicle. 2,569,336, Sept. 25.
Pratt, Edmond O., Los Angeles, Calif. Apparatus for handling irrigating fluid. 2,578,374, Dec. 11.
Pratt, Emil B., East Cleveland, Ohio. Reducing metallic oxide ores. 2,555,507, June 5.
Pratt, George H.: *See*—
Adams, Clarence H., and Pratt.
Pratt, Hazen C.: *See*—
De Jarlais, Philip L., and Pratt.
Pratt, Henry, Company, assignee: *See*—
Smith, William S.
Pratt, Jack M., Oklahoma City, Okla. Price tag holder. 2,576,950, Dec. 4.
Pratt, James H., Wythall, G. E. Manley, Norton Curlieu, and A. H. G. Girling, Redgrave, Diss, assignors to Girling Limited, Tyseley, Birmingham, England. Master cylinder for hydraulic transmission systems. 2,577,153, Dec. 4.
Pratt, Jesse M., assignor to H. F. Smith, Houston, Tex. Double acting pump. 2,538,592, Jan. 16.
Pratt, John H., Montreal, Quebec, Canada, assignor to Radio Corporation of America. Oscillation generator. 2,568,868, Sept. 25.
Pratt, John W., Leicester, England, assignor to United Shoe Machinery Corporation, Flemington, N. J. Anti-drip device for bottom cementing. 2,538,039, Jan. 16.
Pratt, John W., Leicester, England, assignor to United Shoe Machinery Corporation, Flemington, N. J. Upper trimming machine. 2,558,876, July 3.
Pratt, Lawrence E., deceased; A. C. Pratt, executrix, assignor to A. C. Pratt, Bedford, Ohio. Carpenter's readily cleanable hand plane. 2,550,377, Apr. 24.
Pratt, Leon A., Flint, and A. W. Hougland, said Hougland, assignor to Shatterproof Glass Corporation, Detroit, Mich. Broaching machine. 2,556,940, June 12.
Pratt Manufacturing Company, assignee: *See*—
Holbrook, Max A.
Sundberg, Carl W.
Pratt, Oliver E.: *See*—
Collins, Ronald B., Edwards, and Pratt.
Collins, Ronald B., Smith, and Pratt.
Pratt, Read and Company, Inc., assignee: *See*—
Messant, Louis.
Stein, Charles F.
Pratt, Robert S.: *See*—
Blanchard, Doris W., Lauer, and Pratt.
Lauer, George G., and Pratt.
Pratt, Ryder, Kirkwood, Mo., assignor, by mesne assignments, to Missouri Automatic Control Corporation. Safety heat control system. 2,544,511, Mar. 6.
Pratt, Verneur E., and G. F. Gray, Norwalk, Conn. Spiral track developing tank. 2,538,268, Jan. 16.
Pratt, Verneur E., and G. F. Gray, Norwalk, Conn. Combination lens mounting and film support for microfilm apparatus. 2,538,269, Jan. 16.
Pratt, Verneur E., and G. F. Gray, Norwalk, Conn. Film processor. 2,538,270, Jan. 16.
Pratt, Verneur E., and G. F. Gray, Norwalk, Conn. Film advancing and guiding means in microfilm projectors. 2,558,982, July 3.
Pratt, Verneur E., and G. F. Gray, Norwalk, Conn. Film projector with motor-driven film feeding mechanism. 2,564,274, Aug. 14.
Pratt, Verneur E., and G. F. Gray, Norwalk, Conn. Document camera. 2,565,088, Aug. 21.
Pravda, Frank, Plainfield, N. J. Loop lock sewing machine. 2,541,608, Feb. 13.
Pravda, Milton F.: *See*—
Swenson, Paul F., and Pravda.
Pray, Claire J., Eureka, Calif. Casting fly. 2,551,221, May 1.
Praytor, Dennis M., and K. Kershaw, Birmingham, Ala. Track stripping machine. 2,547,596, Apr. 3.
Preaus, Charles M., and C. E. Ross, Tulsa, Okla. Awning of metal or similar material. 2,564,275, Aug. 14.
Precipitation Control Company, assignee: *See*—
Lincoln, John C.
Precisa A.-G. Rechenmaschinenfabrik, assignee: *See*—
Benninger, Eugen.
Precision Crown Company, assignee: *See*—
Brekle, Oliver R.
Precision Developments Company Limited, assignee: *See*—
Olah, George.
Precision Gear and Machine Company, assignee: *See*—
Goodgame, Jesse B.
Goodgame, Jesse B., and Baker.
Precision Products, Inc., assignee: *See*—
Nicholson, George E., and McGay.
Precision Scientific Company, assignee: *See*—
Sobers, Winfield B.
Van Guilder, Walter.
Precision Shapes, Inc., assignee: *See*—
Fassnacht, Paul H.
Precision Steel Warehouse, Inc., assignee: *See*—
Tinsley, George C.
Preckel, Ralph F., Wilmington, Del., assignor, by mesne assignments, to the United States of America as represented by the Secretary of War. Large grain smokeless powder. 2,549,005, Apr. 17.
Preco Incorporated, assignee: *See*—
Beemer, Paul K.
Beemer, Paul K., and Fuchs.
Roberts, Harry E.
Van Dorn, William E., and Beemer.
Prefab Stairs and Tile, Inc., assignee: *See*—
Thornton, John W., and Donlon.
Pregel, Alexander, assignor to Canadian Radium and Uranium Corporation, New York, N. Y. Beta irradiation method and means. 2,559,793, July 10.
Pre-Genzer, Harry W., Mount Vernon, N. Y. Oscillating attachment for rotary machines. 2,564,720, Aug. 21.
Preis, Carl G., Forest Hills, assignor to American Can Company, New York, N. Y. Fish canning machine. 2,541,097, Feb. 13.
Preis, Carl G., Forest Hills, N. Y., and R. E. J. Nordquist, Maplewood, N. J., assignors to American Can Company, New York, N. Y. Mechanism for loading sheet material into magazines. 2,542,055, Feb. 20.
Preis, Carl G., Forest Hills, assignor to American Can Company, New York, N. Y. Changeable marking mechanism. 2,551,633, May 8.
Preising, William J., and C. T. Ray, Louisville, Ky., assignors, by mesne assignments, to Minneapolis-Moline Company. Automatic load control for disk harrows. 2,565,664, Aug. 28.

Preisman, Albert, Silver Spring, Md., assignor to Federal Telephone and Radio Corporation, New York, N. Y. Radio receiver. 2,572,053, Oct. 23.
Preist, Donald H., Tiburon, assignor to Eitel-McCullough, Inc., San Bruno, Calif. Electron tube radio frequency generator. 2,554,500, May 29.
Preist, Donald H., Tiburon, assignor to Eitel-McCullough, Inc., San Bruno, Calif. Radio-frequency generator. 2,554,501, May 29.
Preist, Donald H., Tiburon, assignor to Eitel-McCullough, Inc., San Bruno, Calif. Radio-frequency generator. 2,554,502, May 29.
Prejean, Luke, Baton Rouge, La. Shoe upper guard. 2,546,780, Mar. 27.
Prel Incorporated, assignee: *See*—
Wood, Geoffrey H., and Ward.
Preload Enterprises, Inc., assignee: *See*—
Dobell, Curzon.
Premo, Ellis J., Detroit, Mich. Golf ball marker. 2,561,947, July 24.
Premo, Owen D., Muskegon Heights, Mich. Drafting instrument. 2,579,857, Dec. 25.
Premo Pharmaceutical Laboratories, Inc., assignee: *See*—
Blackman, Stanley.
Prendergast, Charles S.: *See*—
Prendergast, Richard S. and C. S., and Winters.
Prendergast, James J., Erie, Pa., assignor to General Electric Company. Horn control system. 2,570,154, Oct. 2.
Prendergast, Richard S., Morden, C. S. Prendergast, Ashford Common, and E. T. Winters, Chiswick, London, England. Heater. 2,579,127, Dec. 18.
Prentice, G. E., Mfg., The, assignee: *See*—
Legat, Robert C.
Prentice, James M., South Hadley, Mass. Electric questionnaire game. 2,545,381, Mar. 13.
Prentice, Paul R., Cushing, Okla. Foldable car seat extension. 2,551,701, May 8.
Prentice, Thomas G., Detroit, Mich. Fishing lure. 2,546,614, Mar. 27.
Prentice, Thomas G., Detroit, Mich. Weedless fishing lure. 2,552,113, May 8.
Prentiss, John G., Berwyn, Ill., assignor to Zenith Radio Corporation. Vibration-damping electromagnetic coupling unit for sound-amplifying apparatus. 2,568,167, Sept. 18.
Prentiss-Wabers Products Company, assignee: *See*—
Jenson, Kenneth S.
Nelson, Averd.
Prescott, Charles H., Jr., Berkeley, Calif., assignor to the United States of America as represented by the United States Atomic Energy Commission. Multiple chisel structure for disintegrating and removing incrustations from interior walls of receptacles. 2,546,700, Mar. 27.
Prescott, Charles H., Jr., Berkeley, Calif., assignor to the United States of America as represented by the United States Atomic Energy Commission. Guiding means for movement of solid materials. 2,547,409, Apr. 3.
Prescott, Charles H., Jr., Berkeley, Calif., assignor to the United States of America as represented by the United States Atomic Energy Commission. Method and apparatus for purifying and packaging uranium hexachloride. 2,574,842, Nov. 13.
Prescott, Harold R.: *See*—
Athy, Lawrence F., and Prescott.
Prescott, Robert E.: *See*—
Hopkins, Harris F., and Prescott.
Prescott, Robert S., Washington, D. C. Detonator testing device. 2,543,803, Mar. 6.
Prescott, Rochelle, Washington, D. C., assignor to the United States of America as represented by the Secretary of the Navy. Apparatus for investigating optical refraction phenomena in gaseous media. 2,541,437, Feb. 13.
Prescott, Rochelle, Washington, D. C., assignor to the United States of America as represented by the Secretary of the Navy. Resistance strain gauge potentiometer bridge circuit. 2,569,949, Oct. 2.
Preslan, Floyd W., assignor to Snap-on Tools Corporation, Kenosha, Wis. Valve seat gauge. 2,557,840, June 19.
Presley, James V., assignee: *See*—
Rochat, Lucille L.
Presley, Wade, assignee: *See*—
Rochat, Lucille L.
Press, Donald: *See*—
Sale, Frank, and Press.
Press, Irving D.: *See*—
Troshkin, Alexander N., and Press.
Press, Irving D., Union, assignor to Resistoflex Corporation, Belleville, N. J. Swivel coupling. 2,542,701, Feb. 20.
Press, Raymond H. H.: *See*—
Bell, William C., and Press.
Press Wireless, Inc., assignee: *See*—
Rustad, Arthur C.
Pressed Steel Car Company, Inc., assignee: *See*—
Jahn, Herbert W., and Blank.
Pressler, Ralph B., assignor to Bowser, Inc., Fort Wayne, Ind. Hydraulic register resetting apparatus. 2,575,562, Nov. 20.
Presstite Engineering Company, The, assignee: *See*—
Ferguson, William C.
Sussenbach, Paul.
Presswood, Reginald F., Bramcote, England. Grass cutter machine for trimming grass edges. 2,541,284, Feb. 13.
Prestige, Inc., assignee: *See*—
Burd, Samuel I., and Clarke.
Prestinari, Eugen, Summit, assignor to Gemex Company, Union, N. J. Bracelet chain construction. 2,536,391, Jan. 2.
Prestinari, Eugen, Summit, assignor to Gemex Company, Union, N. J. Strap-end retaining device. 2,572,384, Oct. 23.
Presto Recording Corporation, assignee: *See*—
Gruber, Morris M.
Prestole Corporation, assignee: *See*—
Kost, Harold W.
Preston, George E.: *See*—
Koertge, Ray A., and Preston.
Preston, Grace D., Washington, D. C., assignor to P. S. Devine. Erasure shield. 2,563,363, Aug. 7.
Preston, John: *See*—
Olson, Harry F., and Preston.
Preston, Lee C., Oakdale, Calif. Presser foot lifting attachment for sewing machines. 2,576,357, Nov. 27.
Preston, Neil D., assignor to General Railway Signal Company, Rochester, N. Y. Coded track circuit signaling system. 2,550,860, May 1.
Preston, Neil D., and F. B. Hitchcock, assignors to General Railway Signal Company, Rochester, N. Y. System for receiving and decoding teletype messages. 2,548,446, Apr. 10.
Preston, Ralph G., Chicago, Ill. Loader's extensible light fixture. 2,538,655, Jan. 15.
Preston, Thomas, Stratford, Conn., assignor to General Electric Company. Motor speed governor. 2,575,928, Nov. 20.
Preston, William M., Lincoln, Mass., assignor, by mesne assignments, to the United States of America as represented by the Secretary of War. Frequency stabilization of magnetrons. 2,548,816, Apr. 10.
Prestwich, Frank M., London, England. Manufacture from plastics of flat articles of lattice, lace, or like configuration. 2,556,504, June 12.
Pretz, Philip H.: *See*—
Janeway, Robert N., and Pretz.
Pretzer, Paul R., Brooklyn Heights, Ohio, assignor to W. F. Pretzer. Packing machine with means for feeding a bag over discharge end of chute carrying vegetables and common means for discharging vegetables into bag and filled bag into another chute. 2,540,489, Feb. 6.
Pretzer, Walter F., assignee: *See*—
Pretzer, Paul R.
Pretzger, Bert C., St. Clair Shores, assignor to Illuminating Engineering Company, Hazel Park, Mich. Lighting fixture for elongated tubular fluorescent lamps. 2,545,307, Mar. 13.
Preusch, Charles D.: *See*—
Schmucker, Robert A., Jr., Preusch, and Bowne.
Preusser, Henry M., assignor to American-Marietta Company, Adhesive, Resin and Chemical Division, Seattle, Wash. Treating thixotropic materials. 2,557,841, June 19.
Previdi, William T., Allendale, N. J. Elastic golf ball pocket. 2,537,701, Jan. 9.
Previdi, William T., Allendale, N. J. Combination golf ball and tee holder. 2,558,382, June 26.
Prezioso, Giuseppe, Yverdon, Switzerland, assignor to Paillard S. A. Sainte-Croix. Resilient suspension device for the carriage escapement mechanism of typewriting and like machines. 2,552,295, May 8.
Prezioso, Giuseppe, Yverdon, assignor to Paillard S. A., Sainte-Croix (Vaud), Switzerland. Typewriter ratchet wheel coupling. 2,554,754, May 29.
Pribus, Clarence W.: *See*—
Bing, Herbert A., and Pribus.
Mihalyi, Joseph, Pribus, and Bing.
Pribus, Clarence W., assignor to Eastman Kodak Company, Rochester, N. Y. Toggle driven photographic shutter. 2,571,756, Oct. 16.
Pribus, Clarence W., and R. E. Kesel, assignors to Eastman Kodak Company, Rochester, N. Y. Flash synchronizer for focal plane type camera shutters. 2,552,213, May 8.
Price, Albert O., assignor of one-half to Roy A. Ashworth, Leesville, Ohio. Pump. 2,543,669, Feb. 27.
Price Brothers & Company, Limited, assignee: *See*—
Hill, Harold S., and Coghill.
Price Brothers, Inc., assignee: *See*—
Price, Louis E.
Price Building Specialties Co., assignee: *See*—
Price, Longueville H., Sr., and Scarlett.
Price, Charles A.: *See*—
Norris, Raymond C., and Price.
Price, Charles S., Hollis, N. Y., assignor to Reynolds Metals Company, Richmond, Va. Bottle carrier. 2,563,065, Aug. 7.
Price, Daniel C., Chicago, Ill. Folding table and seat structure. 2,548,682, Apr. 10.
Price, Donald, New York, N. Y., and F. J. Sprules, Arlington, N. J., assignors to Nopco Chemical Company. Transesterification process. 2,543,421, Feb. 27.

Price, Donald F.: *See*—
Hollengreen, Milburn A., and Price.
Price, Donna: *See*—
Horsey, Eleanor F., and Price.
Price, Earl R.: *See*—
Long, Richard H., and Price.
Price, Earl R., assignor to Bendix Aviation Corporation, South Bend, Ind. Booster device for fluid pressure system. 2,536,461, Jan. 2.
Price, Earl R., assignor to Bendix Aviation Corporation, South Bend, Ind. Transmission control means. 2,536,462, Jan. 2.
Price, Earl R., assignor to Bendix Aviation Corporation, South Bend, Ind. Power brake control with automatic locking means. 2,544,043, Mar. 6.
Price, Earl R., assignor to Bendix Aviation Corporation, South Bend, Ind. Force transmitting mechanism. 2,554,312, May 22.
Price, Earl R., assignor to Bendix Aviation Corporation, South Bend, Ind. Transmission control mechanism. 2,557,795, June 19.
Price, Earl R., assignor to Bendix Aviation Corporation, South Bend, Ind. Clutch control mechanism. 2,566,631, Sept. 4.
Price, Earl R., assignor to Bendix Aviation Corporation, South Bend, Ind. Power plant mechanism. 2,572,660, Oct. 23.
Price, Earl R., assignor to Bendix Aviation Corporation, South Bend, Ind. Transmission control mechanism. 2,575,891, Nov. 20.
Price Electric Corporation, assignee: *See*—
Barnhart, Merle E., and Miller.
Price, Ellie S., Los Angeles, Calif. Doll cover for hot-water bottles. 2,538,123, Jan. 16.
Price, Fannie, New York, N. Y. Adjustable handle for curling, waving, and pressing irons. 2,550,295, Apr. 24.
Price, George V.: *See*—
Crawford, Charles F., Potts, and Price.
Price, Harold W., Bradenton, Fla., assignor to Bendix Aviation Corporation, South Bend, Ind. Power steering mechanism. 2,544,041, Mar. 6.
Price, Harold W., assignor to Bendix Aviation Corporation, South Bend, Ind. Vehicle control mechanism. 2,551,287, May 1.
Price, Harold W., assignor to Bendix Aviation Corporation, South Bend, Ind. Transmission operating mechanism. 2,554,313, May 22.
Price, Harold W., assignor to Bendix Aviation Corporation, South Bend, Ind. Transmission and clutch operating power means. 2,554,314, May 22.
Price, Harold W., Bradenton, Fla., assignor to Bendix Aviation Corporation, South Bend, Ind. Power steering mechanism. 2,554,315, May 22.
Price, Harold W., Bradenton, Fla., assignor to Bendix Aviation Corporation, South Bend, Ind. Power steering mechanism. 2,557,796, June 19.
Price, Harold W., Bradenton, Fla., and E. E. Hupp, assignors to Bendix Aviation Corporation, South Bend, Ind. Clutch control mechanism. 2,571,162, Oct. 16.
Price, Harold W., assignor to Bendix Aviation Corporation, South Bend, Ind. Transmission operating device. 2,580,125, Dec. 25.
Price, Harry J.: *See*—
Stedman, Cecil K., Price, and Wisner.
Price, Horace J., Silver Spring, Md. Reducing fire hazard in small boats. 2,573,599, Oct. 30.
Price, James E.. *See*—
Fisher, John R., Jr., and Price.
Price, Lillian P., East Longmeadow, Mass. Crib forming structure for combination with beds or the like. 2,565,988, Aug. 28.
Price, Longueville H., Sr., Atherton, and H. A. Scarlett, assignors to Price Building Specialties Co., San Francisco, Calif. Panel construction. 2,579,157, Dec. 18.
Price, Louis E., assignor to Price Brothers, Inc., Chicago, Ill. Sign bracket. 2,551,157, May 1.
Price, Nathan C., Hollywood, assignor to Lockheed Aircraft Corporation, Burbank, Calif. Gas reaction aircraft power plant. 2,540,991, Feb. 6.
Price, Nathan C., Hollywood, assignor to Lockheed Aircraft Corporation, Burbank, Calif. Gas reaction power plant with a variable area nozzle. 2,563,270, Aug. 7.
Price, Nathan C., Hollywood, assignor to Lockheed Aircraft Corporation, Burbank, Calif. Reaction propulsion aircraft power plant having independently rotating compressor and turbine blading stages. 2,575,682, Nov. 20.
Price, Nathan C., Los Angeles, assignor to Lockheed Aircraft Corporation, Burbank, Calif. Ram jet engine having variable area inlets. 2,540,594, Feb. 6.
Price, Nathan C., Los Angeles, assignor to Lockheed Aircraft Corporation, Burbank, Calif. Gas turbine. 2,563,269, Aug. 7.
Price, Nathan C., Los Angeles, assignor to Lockheed Aircraft Corporation, Burbank, Calif. Gas turbine power plant having internal cooling means. 2,563,744, Aug. 7.
Price, Nathan C., Los Angeles, assignor to Lockheed Aircraft Corporation, Burbank, Calif. Variable area nozzle for power plants. 2,563,745, Aug. 7.
Price, Nathan C., Los Angeles, assignor to Lockheed Aircraft Corporation, Burbank, Calif. Fuel control system for turbo power-plants. 2,570,591, Oct. 9
Price, Nathan C., Los Angeles, assignor to Lockheed Aircraft Corporation, Burbank, Calif. Intercooler and control system for turbo power plants. 2,575,683, Nov. 20.
Price, Nathan C., St. Helena, assignor to The Sirius Corporation, San Francisco, Calif. Power boost unit for propeller shafts. 2,540,456, Feb. 6.
Price, Nathan C., St. Helena, Calif. Rotating combustion products generator and turbine of the continuous combustion type. 2,579,049, Dec. 18.
Price, Osborne I., assignor to Magnetic Devices, Inc., Frederick, Md. Alternating current actuator or relay. 2,563,271, Aug. 7.
Price, Peter F., Kalamazoo, Mich. Cucumber harvester. 2,575,638, Nov. 20.
Price, Philip, executor: *See*—
Stokes, John S.
Price, Ralph E., Highfield, Md., assignor to Landis Tool Co., Waynesboro, Pa. Automatic feed mechanisms. 2,570,592, Oct. 9.
Price, Ralph E., Highfield, Md., assignor to Landis Tool Company, Waynesboro, Pa. Hydraulic feed mechanism. 2,571,610, Oct. 16.
Price, Ralph E., Highfield, Md., assignor to Landis Tool Company, Waynesboro, Pa. Speed control for hydraulic systems with compensation for viscosity changes. 2,572,385, Oct. 23.
Price, Raymond F., Tucson, Ariz. Clothes hanger. 2,567,348, Sept. 11.
Price, Raymond M.: *See*—
Foley, Harold F., and Price.
Price, Robert H., Shelton, Wash. Liquid soap composition. 2,551,634, May 8.
Price, Ross D. and R. S., Decatur, Ill. Photographic printing apparatus. 2,537,548, Jan. 9.
Price, Russell S.: *See*—
Price, Ross D. and R. S.
Price, Sybil, New York, N. Y. Head covering. 2,579,089, Dec. 18.
Price, Thomas H., Chelmsford, England, assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Radio transmitter. 2,538,535, Jan. 16.
Price, William R., Wayne, Pa., assignor to Flexitallic Gasket Company, Camden, N. J. Gasket winding machine. 2,579,858, Dec. 25.
Prichard, Arthur C., Long Branch, N. J., asisgnor to the United States of America as represented by the Secretary of War. Interference reduction circuit for radio pulse receivers. 2,538,040, Jan. 16.
Prichard, John H., Springfield, N. J., assignor to Celanese Corporation of America. Casting solution of cellulose propionate. 2,559,794, July 10.
Prichard, William, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of substituted cyclic ketones. 2,549,520, Apr. 17.
Prichard, William W., and G. E. Tabet, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Carbonylation of aromatic halides. 2,565,462, Aug. 28.
Pride, Gilbert E., H. Osterberg, and H. Jupnik, Buffalo, N. Y., assignors to American Optical Company, Southbridge, Mass. Apparatus for making optical devices. 2,549,926, Apr. 24.
Prideaux, Gwilym F., Cleveland Heights, and R. L. Oetting, South Euclid, Ohio, assignors to General Electric Company. Illuminated dial. 2,561,885, July 24.
Pridgeon, P. V., Mtr. Co., assignee: *See*—
Wainwright, Samie W.
Pridham, Thomas G., Peoria, Ill., assignor to the United States of America as represented by the Secretary of Agriculture. Biological production of riboflavin. 2,578,738, Dec. 18.
Priebe, William A., Los Angeles, Calif. Butt gauge. 2,547,489, Apr. 3.
Priesmeyer, Charles, Park Ridge, Ill., assignor to Meyer & Wenthe, Inc. Coin carrier. 2,547,410, Apr. 3.
Priesmeyer, Charles H., Park Ridge, assignor to Guardian Electric Manufacturing Co., Chicago, Ill. Switch construction. 2,570,481, Oct. 9
Priess, James J., Chicago, Ill. Duck call. 2,555,813, June 5.
Priester, Kendall B., assignor to Brown & Bigelow, St. Paul, Minn. Compartment box. 2,569,018, Sept. 25.
Priestman, George D., Tulsa, Okla., and G. Priestman, Elizabeth, N. J. Well drilling. 2,548,616, Apr. 10.
Priestman, Gerald: *See*—
Priestman, George D. and G.
Prill, Erhard J., Cresskill, N. J., assignor to Allied Chemical & Dye Corporation, New York, N. Y. Methacrylonitrile process. 2,553,331, May 15.
Primak, Adam, Milwaukee, Wis. Can opener. 2,578,983, Dec. 18.
Primak, David, Brooklyn, N. Y. Pencil box. 2,543,258, Feb. 27.
Primavera, Vincent A. R., Norton, Conn. Garden and beach umbrella. 2,568,362, Sept. 18.
Primeweld Corporation, assignee: *See*—
McKechnie, Ian C.
Prince, Arthur E., Copper Cliff, Ontario, Canada, assignor to The International Nickel Company, Inc., New York, N. Y. High-intensity magnetic separator. 2,565,089, Aug. 21.

Prince Castle Manufacturing Division, Inc., assignee: *See*—
Prince, Earl S., and Brotheridge.
Prince, Clarence F.: *See*—
Smith, Elmer L., Lyon, and Prince.
Prince, David C., Schenectady, N. Y., assignor to General Electric Company. Elimination of viscous drag in a magnetic fluid clutch. 2,541,831, Feb. 13.
Prince, David C., Schenectady, N. Y., assignor to General Electric Company. Gas turbine power plant. 2,547,660, Apr. 3.
Prince, Earl S., and J. Brotheridge, Rock Falls, assignors to Prince Castle Manufacturing Division, Inc., Sterling, Ill. Driving gear for drink mixing device or the like. 2,565,626, Aug. 28.
Prince, Lollie E., and S. L. Le Var, Cairo, Ga. Planter attachment. 2,539,592, Jan. 30.
Princess Eve Products Corp., assignee: *See*—
Livermore, Jesse L.
Princevalle, Peter: *See*—
Toti, Andrew J., and Princevalle.
Pring, John N., Blackheath, assignor, by mesne assignments, to Imperial Chemical Industries, Ltd., London, England. Propellant composition and making same 2,557,463, June 19.
Pringle, Edward R., Menominee, assignor to E. C. Dumas, Marquette, Mich. Movable figured push toy. 2,570,709, Oct. 9.
Pringle, Ray A., Walla Walla, Wash. Dust collector. 2,574,412, Nov. 6.
Printing and Allied Trades Research Association, The, assignee: *See*—
Banks, William H., Upton, and Scott.
Printy, Helen C.: *See*—
Julian, Percy L., Printy, and Meyer.
Julian, Percy L., Meyer, and Printy.
Prior, Fred, Dallas, Tex. Vehicle fuel tank assembly. 2,569,493, Oct. 2.
Prior, Fred, Dallas, Tex. Vehicle fuel tank assembly. 2,569,494, Oct. 2.
Prior, Hector T.: *See*—
Thornton, Alfred M., Prior, and Goullee.
Prisk, Howard C., Westerville, Ohio. Holder for subcutaneous administration of medicaments. 2,561,071, July 17.
Prislin, Robert H., Cleveland Heights, assignor to Ferro Enamel Corporation, Cleveland, Ohio. Hammer metal finish. 2,574,659, Nov. 13.
Prismacolor, Inc., assignee: *See*—
Oakhill, Frederic E.
Prismo Products, Inc., assignee: *See*—
Keeley, Armand E.
Keeley, Armand E., and Wilson.
Pritchard, Clarence L., assignor to Malsbary Manufacturing Co., Oakland, Calif. Mixing regulator. 2,570,375, Oct. 9.
Pritchard, Claris E.: *See*—
Knight, Wilbert, and Pritchard.
Pritchard, Donald J., San Diego, Calif., assignor to American Steel Foundries, Chicago, Ill. Slack adjuster. 2,564,447, Aug. 14.
Pritchard, Gordon J.: *See*—
Bywater, Sheila E., and Pritchard.
Craven, Alfred B., and Pritchard.
Pritchard, Gordon J., Halewood, Liverpool, assignor to Ward Blenkinsop & Company Limited, London, England. Derivatives of disubstituted methane compounds and making them. 2,546,274, Mar. 27.
Pritchard, Gordon J., Halewood, Liverpool, assignor to Ward Blenkinsop & Company Limited, London, England. Manufacture of derivatives of di-substituted methane compounds. 2,549,710, Apr. 17.
Pritchard, Gordon J., London, England. Preserving composition. 2,564,276, Aug. 14.
Pritchard, Howard A., Hiram, Ohio, assignor to Harris-Seybold Company. Rotary offset sheet perfecting press. 2,540,690, Feb. 6.
Pritchard, J. F., & Co., assignee: *See*—
Bodle, William W., and Deschner.
Pritchard, James E., Phillips, Tex., assignor to Phillips Petroleum Company. Making plasticizer for synthetic rubber by reacting a rubbery polymer of a diolefin with an alkyl mercaptan. 2,543,867, Mar. 6.
Pritchard, Richard J., Manchester, Conn. Combination support and closure flap for laundry bags. 2,543,299, Feb. 27.
Pritchard, Sydney C., Seaton, England. Automatic coupling for model railway rolling stocks. 2,558,383, June 26.
Pritchard, Sydney C., Seaton, England. Wheel and axle for model vehicles. 2,558,384, June 26.
Pritchett, David E.: *See*—
Stevens, Jesse W., Pritchett, and Baier.
Pritchett & Gold and E. P. S. Company Limited, assignee: *See*—
Honey, Eric M. O., and Hardy.
Pritikin, Nathan, Chicago, Ill. Dial plate. 2,561,672, July 24.
Pritikin, Roland I., Rockford, Ill. Portable tangent screen. 2,576,358, Nov. 27.
Prizer, Eugene L., San Diego, assignor of one-fourth to M. Ferguson, Compton, and one-fourth to J. A. Prizer, Fullerton, Calif. Apparatus for supplying soluble treating agents to flowing water. 2,546,317, Mar. 27.
Prizer, Eugene L., Escondido, assignor of one-fourth to M. Ferguson, Compton, and one-fourth to J. A. Prizer, Fullerton, Calif. Apparatus for supplying solid material to liquids. 2,579,859, Dec. 25.
Prizer, John A., assignee: *See*—
Prizer, Eugene L.
Pro, George M.: *See*—
Andrews, Boley A., and Pro.
Pro, George M., Johnson County, Kans. Vending machine for greeting cards. 2,556,338, June 12.
Pro, George M., assignor to J. Z. Miller, III, Kansas City, Mo., trustee. Discharge nozzle for hydrating cementitious substances under pressure. 2,577,664, Dec. 4.
Probasco, Harold T., Inglewood, assignor to Oak Manufacturing Company, Inc., Los Angeles, Calif. Vending machine. 2,537,317, Jan. 9.
Probeck, Charles J., Chicago, Ill., assignor to The Rauland Corporation. High-frequency tube socket. 2,552,456, May 8.
Prober, Maurice, Schenectady, N. Y., assignor to General Electric Company. Butadiene and 1,1,2-trichloro-3,3,3-trifluoropropene-1. 2,575,125, Nov. 13.
Probert, Gurney O.: *See*—
Meers, Richard A., Cockbain, and Probert.
Probert, Isobel M., widow and executrix: *See*—
Meers, Richard A., Cockbain, and Probert.
Probst, Karl K., Lansing, Mich. Vehicle suspension. 2,542,261, Feb. 20.
Procedes Sauter, assignee: *See*—
Lelong, Jean.
Process Engineers Incorporated, assignee: *See*—
Kelly, Earl M., and Kivari.
Process Plants Division of Industrial Process Engineers, assignee: *See*—
Brothman, Abraham.
Prochazka, Bretislav J., Jackson Heights, N. Y. Vehicle signal light. 2,546,404, Mar. 27.
Prochaska, Carroll W., Mount Vernon, N. Y. Hose clamp. 2,561,635, July 24.
Procházka, Jiří, Prague, assignor to Bata, narodni podnik, Zlin, Czechoslovakia. Producing thioamides. 2,539,325, Jan. 23.
Procházka, Jiří, Prague, assignor to Bata narodni podnik, Zlin, Czechoslovakia. Production of polyamides by polymerization of lactams. 2,551,702, May 8.
Procházka, Jiří, Prague, assignor to Bata, narodni podnik, Zlin, Czechoslovakia. Producing high molecular polyamides. 2,554,592, May 29.
Prochazka, Rudolf, Murzzuschlag, Austria. Production of high electrostatic charges by self-excitation. 2,574,284, Nov. 6.
Procopio, Peter P., Red Bank, N. J. Combination electric receptacle and fuse. 2,563,066, Aug. 7.
Procter and Gamble Company, The, assignee: *See*—
Eckey, Eddy W., and Abbott.
Folzenlogen, Robert G.
Hawley, Harold K.
Henry, Ronald A.
Lange, Willy.
Lange, Willy, and Folzenlogen.
McClain, Herbert K.
McDonough, Everett G.
Mills, Victor.
Sanders, Judson H.
Van Buren, John.
Proctor, Arthur E.: *See*—
Young, Frederick C., and Proctor.
Proctor, Austin, assignor to The Girdler Corporation, Louisville, Ky. Grounding arrangement for high-frequency transfer switches. 2,543,804, Mar. 6.
Proctor, Bernard E., Melrose, assignor, by mesne assignments, to Live-Pak Seafoods Co., Boston, Mass. Container for the preservation of live shellfish. 2,563,364, Aug. 7.
Proctor Electric Company, assignee: *See*—
Hild, Henry F.
Myers, Joseph W.
Turner, Charles R.
Vogelsberg, Walter H.
Walder, Emil.
Proctor, John A.: *See*—
Adams, Charles J., and Proctor.
Proctor, John H., East Berkshire, Vt. Reel. 2,567,857, Sept. 11.
Proctor, Roland F.: *See*—
Harris, Norman L., and Proctor.
Proctor, Ronald R.: *See*—
Ellison, Lynn E., and Proctor.
Proctor & Schwartz, Inc., assignee: *See*—
Hurxthal, Alpheus O., and O'Keeffe.
Proctor, Sidney E., assignor to Austin Hoy & Company Limited, Aylesbury, England. Coal cutter chain. 2,566,675, Sept. 4.
Proctor, William E., Baltimore, Md. Fuel shutoff. 2,572,195, Oct. 23.
Prodromos, George, Winston-Salem, N. C. Holder for trimming tools. 2,556,397, June 12.
Product Engineering Co., assignee: *See*—
Everett, Harry F.
Product Miniature Company, assignee: *See*—
Ford, William E.
Production Instrument Company, assignee: *See*—
Chapin, Bryan W.
Nelson, Martin L.

Production Machine Company, assignee: *See*—
Macdonald, Kenneth W.
Productive Inventions, Inc., assignee: *See*—
Klug, Charles W.
Smulski, Theodore J.
Products Engineering Laboratories Co., Inc., assignee: *See*—
Ward, Wallace W.
Products & Licensing Corporation, assignee: *See*—
Toulon, Pierre M. G.
Products Manufacturing Co., Inc., assignee: *See*—
Herrick, Percy H.
Products Packaging, Inc., assignee: *See*—
Kundtz, Leo R., and Frey.
Proell, Wayne A.: *See*—
Adams, Chester E., and Proell.
Proell, Wayne A., assignor to Standard Oil Company, Chicago, Ill. Alkenylation process. 2,564,077, Aug. 14.
Proell, Wayne A., assignor to Standard Oil Company, Chicago, Ill. Purifying sulfonic acids. 2,567,399, Sept. 11.
Proell, Wayne A., assignor to Standard Oil Company, Chicago, Ill. Treating olefins with alkane sulfonic acid. 2,576,535, Nov. 27.
Proell, Wayne A., Chicago, Ill., and C. E. Adams, Highlands, Ind., assignors to Standard Oil Company, Chicago, Ill. Reproportionation of disulfides. 2,557,312, June 19.
Proell, Wayne A., Chicago, Ill., and C. E. Adams, Highland, Ind., assignors to Standard Oil Company, Chicago, Ill. Conversion of disulfides to thia-succinic acids. 2,561,673, July 24.
Proff, Harold Phillip, assignee: *See*—
Proff, Philip H.
Proff, Philip H., deceased, Augusta, Mont.; L. G. Murphy, executor, assignor of 95 percent to H. P. Proff, Olympia, and M. M. Schmitz, Seattle, Wash., and 5 percent to L. H. Murphy, Choteau, Mont. Battery cable clamp. 2,577,714, Dec. 4.
Progneaux, Jean E., Bronxville, N. Y. Soil pulverizer. 2,543,377, Feb. 27.
Progress Manufacturing Company, Inc., assignee: *See*—
Rosen, Ruben P.
Progressive-Assembly Cameras, Inc., assignee: *See*—
Kirby, Herbert D.
Progressive Welder Company, assignee: *See*—
Giesey, Boyd V.
Leathers, Chester F.
Prohaska, James J., Palos Park, assignor to Swift & Company, Chicago, Ill. Banding machine and method. 2,551,288, May 1.
Prokeš, Julian: *See*—
Pita, František, and Prokeš.
Prokop, Charles L., Houston, Tex., assignor, by mesne assignments, to Standard Oil Development Company, Elizabeth, N. J. Sealing of porous formations. 2,543,868, Mar. 6.
Proksa, John R., Chicago, Ill. Machine tool bit holder. 2,541,719, Feb. 13.
Prondzinski, August J., and F. F. Kindler, Milwaukee, Wis.; said Kindler assignor to said Prondzinski. Window construction. 2,551,051, May 1.
Properzi, Rudolph, East Rochester, N. Y. Machine for feeding paper. 2,571,942, Oct. 16.
Propheter, William J., Sterling, Ill. Hay loading machine. 2,546,562, Mar. 27.
Propheter, William J., Sterling, Ill. Lawn rake with receptacle. 2,561,754, July 24.
Propp, George J., Loveland, Colo. Artificial insemination device. 2,566,632, Sept. 4.
Props, George P., assignor to Fort Wayne Corrugated Paper Company, Fort Wayne, Ind. Carton. 2,540,595, Feb. 6.
Propst, Charles L., assignee: *See*—
Godefroid, William V.
Propst, Roy B., Los Angeles, Calif. Foldable wreath-forming foundation. 2,549,006, Apr. 17.
Prosilis, assignee: *See*—
Bardet, Jacques J.
Prosperity Company, Inc., The, assignee: *See*—
Davis, Ernest.
Davis, Ernest, and Gayring.
Gayring, Wallace F.
Neuroth, John, and Smith.
Prosser, Clinton D.: *See*—
Pool, Stuart D., and Prosser.
Prosser, Clinton D., Rock Island, Ill., assignor to International Harvester Company. Wagon hitch leveling device. 2,555,559, June 5.
Protection Equipment Co., Inc., assignee: *See*—
Hanson, Edward C.
Protection Products Manufacturing Company, assignee: *See*—
Bonnell, Gordon H., Bailey, and Garlick.
Protective Inventions, Inc., assignee: *See*—
Anderson, John W.
Protecto Products Co. Inc., assignee: *See*—
Clark, Louis.
Protectoseal Company, The, assignee: *See*—
Anschicks, David P.
Lebus, William A.
Protzeller, Harry W., assignor to Nordberg Manufacturing Company, Milwaukee, Wis. Railway ballast cribber. 2,552,649, May 15.
Protzeller, Harry W., deceased, Fairmont, Minn., assignor of one-half to A. W. Nelson, and S. F. Judd, executor of said H. W. Protzeller, assignor of one-half to A. W. Nelson, Chicago, Ill. Transportation, refrigeration, and distribution of perishable foods. 2,553,471, May 15.
Proulx, Eugene H.: *See*—
La Brecque, Theodore A., and Proulx.
Proulx, Leonard E., Arlington, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Machine for use in the manufacture of shoes. 2,552,813, May 15.
Prout, Elmer W., La Canada, Calif., assignor to Akron Brass Mfg. Company, Inc., Wooster, Ohio. Nozzle. 2,538,211, Jan. 16.
Prouteau, Lucien H.: *See*—
Vazieux, Charles E. R., and Prouteau.
Prouty, Robert E., assignor to Essex Wire Corporation, Logansport, Ind. Switch. 2,543,707, Feb. 27.
Prouty, Robert E., assignor to Essex Wire Corporation, Logansport, Ind. Electromagnetic relay. 2,545,587, Mar. 20.
Prouty, Robert E., assignor to Essex Wire Corporation, Logansport, Ind. Snap switch. 2,547,171, Apr. 3.
Provident Trust Co. of Philadelphia, executor: *See*—
Stokes, John S.
Provost, Raoul L., Cheshire, Conn., assignor to United States Rubber Company, New York, N. Y. Polyethylene polyamine activated organic peroxide catalyzed synthetic rubber emulsion polymerizations. 2,560,741, July 17.
Provost, Raoul L., Cheshire, Conn., assignor to United States Rubber Company, New York, N. Y. Polyethylene polyamine activated organic peroxide catalyzed synthetic rubber emulsion polymerizations. 2,577,432, Dec. 4.
Provost, Raoul L., and F. J. Foster, Cheshire, Conn., assignors to United States Rubber Company, New York, N. Y. Reduction activated peroxy compound catalyzed synthetic rubber emulsion polymerizations. 2,551,336, May 1.
Prow, Albert H., Lakewood, Ohio, assignor to Radio Corporation of America. Dielectric heat sealer. 2,542,702, Feb. 20.
Prudhon, Clark, assignor to James Manufacturing Company, Fort Atkinson, Wis. Automatic fan damper. 2,541,665, Feb. 13.
Pruehs, Leslie L., Erie, Pa., assignor to General Electric Company. Strain relief bushing. 2,573,600, Oct. 30.
Pruger, Theodore A.: *See*—
Sheridan, Claude M., and Pruger.
Pruitt, George E., Arvada, Colo. Front wheel dolly for trailers. 2,570,482, Oct. 9.
Pruitt, Harvey E., Cheboygan, Mich. Threading, drilling, and reaming machine. 2,561,992, July 24.
Pruitt, Robert W., Odessa, Wash. Object holder for projection apparatus. 2,564,501, Aug. 14.
Pruitt, Vestus E., Sr., Hobbs, N. Mex. Exercising health device. 2,571,757, Oct. 16.
Pruitt, Virgil H., Snow Hill, Md. Watering device. Re. 23,447, Dec. 25.
Pruitt, Virgil H., Snow Hill, Md., and L. A. Medlar, Oreland; said Medlar assignor to Fox Products Company, Philadelphia, Pa. Valve. 2,579,962, Dec. 25.
Pruitt, Willis, assignor to Lawrence Products Company, Inc., Attalla, Ala. Stop motion mechanism for narrow fabric looms. 2,565,043, Aug. 21.
Prupis, Robert I.: *See*—
Epple, Paul F., and Prupis.
Natzler, Paul, and Prupis.
Prupis, Robert I., Irvington, assignor to Conmar Products Corporation, Newark, N. J. Quick disassembly slide fastener. 2,575,502, Nov. 20.
Prutton, Carl F., Cleveland Heights, assignor to The Lubrizol Corporation, Wickliffe, Ohio. Sulfurized derivatives of alkyl diphenyl oxide sulfonic acids and salts thereof. 2,555,370, June 5.
Prutton, Carl F., Cleveland Heights, assignor to The Lubrizol Corporation, Wickliffe, Ohio. Substituted diphenyl oxide sulfonic acid sulfides. 2,555,371, June 5.
Pryor, Dean E., Whittier, Calif., assignor to Wallace & Tiernan Products Corporation, Belleville, N. J. Treatment of tomatoes. 2,539,470, Jan. 30.
Pryor, James N., assignor to The Davison Chemical Corporation, Baltimore, Md. Coprecipitated silica-magnesia gel. 2,565,627, Aug. 28.
Pryor, Paul L., Dayton, Ohio. Telescope for aligning lenses, jigs, and the like. 2,577,807, Dec. 11.
Pryor, Paul L., Osborn, Ohio. Making optical pellicles. 2,570,273, Oct. 9.
Przyborowski, Stanislaus, Kenmore, N. Y. Pressure resistant cellular radiator core. 2,539,701, Jan. 30.
Przybylski, Daniel F., Winona, Minn. Variable-speed reduction unit. 2,546,869, Mar. 27.
Przysiecki, Theodore I., Park Ridge, assignor to Teletypesetter Corporation, Chicago, Ill. Power shift mechanism for keyboard perforators and counters. 2,562,737, July 31.
Psaila, John, Los Angeles, Calif. Vertical axis circular swing. 2,570,981, Oct. 9.
Ptak, Steve, Mitchell, S. Dak. Basket cover. 2,543,300, Feb. 27.
Public Service Coordinated Transport, assignee: *See*—
Kautzmann, George L., and Griffith.

Publication Corporation, assignee: *See*—
Wheldon, Theodore.
Publicker Industries Inc., assignee: *See*—
Beesch, Samuel C.
Beesch, Samuel C., and Legg.
Dolnick, Arthur A., and Naidus.
Dolnick, Arthur A., and Potash.
Martin, George D.
Martin, George D., and Wilder.
Robinette, Hillary, Jr., and Pacifico.
Visor, Frederick C.
Wilder, Richard S.
Wilder, Richard S., and Herman.
Wilder, Richard S., and Martin.
Pucci, Joseph: *See*—
Cohen, Boris, and Pucci.
Faverty, Clyde B., Hartwig, McDonald, and Wulff.
Puchalsky, Alex, Chicago, Ill. Seat cover. 2,546,109, Mar. 20.
Puchir, Michael, Wilmington, and S. Tryon, Claymont, Del., assignors to Allied Chemical & Dye Corporation, New York, N. Y. Production of hexaalkyl tetraphosphates. 2,562,244, July 31.
Puchlowski, Konstanty P., Buffalo, and J. G. Haneiko, East Aurora, N. Y., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Electronic system for energizing direct-current motors from an alternating-current source. 2,546,014, Mar. 20.
Puckett, Richard E., assignor to United Drill and Tool Corporation, Chicago, Ill. Display package for drills or the like. 2,563,959, Aug. 14.
Puddester, Thomas, Oregon, Wis. Invalid chair. 2,537,909, Jan. 9.
Pudelko, Richard, Zug, Switzerland, assignor to Landis & Gyr, A. G. Motor-driven switch. 2,555,508, June 5.
Puening, Franz, Riegelsville, Pa. Preheating coal for coking. 2,552,014, May 8.
Puerner, George O.: *See*—
Long, John R., and Puerner.
Pufahl, Albert E.: *See*—
Schulz, Helmut W., and Pufahl.
Puffer, Edward M., Calmar, Iowa. Motor vehicle window screen. 2,549,234, Apr. 17.
Pugh, Benjamin J., Helena, Mont. Ore mill. 2,558,156, June 26.
Pugh, William A., Sr., Chicago, Ill. Emergency vehicle wheel truck. 2,573,728, Nov. 6.
Pugh, William E., assignor to Seismograph Service Corporation, Tulsa, Okla. Method and apparatus for underwater seismic prospecting. 2,564,128, Aug. 14.
Pugh, William J., Piedmont, Calif. Collapsible core. 2,574,413, Nov. 6.
Pujol, Albert J., Astoria, assignor to Cartier, Inc., New York, N. Y. Adjustable earring. 2,557,200, June 19.
Pullan, James F., Pawtucket, R. I. Fishing rod. 2,541,609, Feb. 13.
Pullar, Harold B., assignor to The Kinetic Mixer Company, Inc., Chicago, Ill. Apparatus for treating solids and/or liquids. 2,559,899, July 10.
Pullin, Cyril G., Moseley, Birmingham, England, assignor, by mesne assignments, to Autogiro Company of America, Philadelphia, Pa. Helicopter with jet-driven lift rotor. Re. 23,448, Dec. 25.
Pullin, Cyril G., Ampfield, and K. Watson, Southampton, England, assignors, by mesne assignments, to Autogiro Company of America, Philadelphia, Pa. Automatic clutch for power transmission systems. 2,555,152, May 29.
Pullin, Cyril G., Tadburn, Ampfield, and K. Watsen, Woolston, Southampton, England, assignors, by mesne assignments, to Autogiro Company of America, Philadelphia, Pa. Aircraft with rotary wings. 2,579,860, Dec. 25.
Pullman-Standard Car Manufacturing Company, assignee: *See*—
Beezhold, Christian J.
Candlin, James E., Jr., and Brown.
Hunt, James J.
Logmann, Arthur A., and Meyers.
Murphy, Frank L., and Candlin.
Murphy, Frank L., Haman, and Kay.
Radey, Charles R.
Pullon, Russell C., assignor to M. A. Cogliandro, Los Angeles, Calif. Thread-cutting tool. 2,570,483, Oct. 9.
Pulp Reproduction Company, assignee: *See*—
Risch, Arthur H.
Puls, Fred H., Richmond Hills, assignor of one-third to B. Roswit, New York, N. Y. Director and pointer for Röntgen machines and the like. 2,551,703, May 8.
Puls, George: *See*—
Slaughter, Gibbs M., and Puls.
Puls, Herman, New York, N. Y. Baking machine. 2,563,866, Aug. 14.
Puls, Lawrence J., deceased, Portage, Ohio, C. J. Durliat, administrator, assignor to Puls Machine Company, Milton Center, Ohio. Lawn mower. 2,565,044, Aug. 21.
Puls Machine Company, assignee: *See*—
Puls, Lawrence J.
Pulse, Lysle J., Helena, Mont. Dispensing machine. 2,545,588, Mar. 20.
Pulsifer, Newell B., Livermore Falls, Maine. Head rest support. 2,555,814, June 5.
Pulverizing Machinery Company, assignee: *See*—
Sheldon, William M.
Pumphrey, Richard J.: *See*—
Laws, Cecil A., Pumphrey, Ratsey, and Watson.
Pumphrey, William H., Sr.: *See*—
Spinasse, Arthur E., and Pumphrey.
"Pump-It" Incorporated, assignee: *See*—
Bacheller, "D" Flavius.
Punch Engineering Pty. Ltd., assignee: *See*—
Skillman, Thomas S.
Punt, Simon, Grand Rapids, Mich. Centrifugal fan. 2,557,201, June 19.
Punt, William, Grand Rapids, Mich. Sound track carrier. 2,541,381, Feb. 13.
Punte, William F.: *See*—
Benson, George A., Coyle, and Punte.
Coyle, John, and Punte.
Puppolo, Henry F., assignor to Sprague Electric Company, North Adams, Mass. Producing polytetrahaloethylene films. 2,540,962, Feb. 6.
Puranen, Maunu, and A. A. Kahma, Helsinki, Finland. Magnetographic surveying. 2,539,270, Jan. 23.
Purcell, Edward M., Cambridge, Mass., assignor, by mesne assignments to the United States of America as represented by the Secretary of War. Branch guide coupler. 2,558,385, June 26.
Purcell, Edward M., Cambridge, Mass., assignor, by mesne assignments, to the United States of America as represented by the Secretary of War. Phase shifting device. 2,564,030, Aug. 14.
Purcell, Howard M.: *See*—
MacMillin, Norman F., and Purcell.
Pocock, Paul C., and Purcell.
Purcell, Howard M., Mount Gilead, Ohio, assignor to H-P-M Development Corporation, Wilmington, Del. Fluid pressure-operated actuator for hydraulic valves. 2,568,254, Sept. 18.
Purcell, Howard M., Mount Gilead, Ohio, assignor to H-P-M Development Corporation, Wilmington, Del. Fluid operable device. 2,571,758, Oct. 16.
Purcell, Lee J., assignor to Development Corporation of America, Los Angeles, Calif. Phonograph record cabinet. 2,567,966, Sept. 18.
Purcell, Lee J., assignor to Development Corporation of America, Los Angeles, Calif. Phonograph record storage cabinet. 2,574,757, Nov. 13.
Purcell, Peter E., Portland, Oreg. Vent plug for oil drums. 2,544,613, Mar. 6.
Purcell, William, Pasadena, Calif., assignor to Deere Manufacturing Co., Dubuque, Iowa. Adjustable stop means for hydraulic cylinder and piston units. 2,556,979, June 12.
Purcell, William J., Chattanooga, Tenn., assignor to H. L. Judd Company, Wallingford, Conn. Cornice. 2,553,869, May 22.
Purdin, Earl B., Killeen, Tex. Screen alarm. 2,547,283, Apr. 3.
Purdue Research Foundation, assignee: *See*—
Haas, Henry B., and Feuer.
Hass, Henry B., and Neher.
McBee, Earl T., and Robb.
McBee, Earl T., and Newcomer.
McBee, Earl T., and Wiseman.
Townsley, Ralph R.
Purdy, George E., Libertyville, Ill. Wagon and trailer hitch. 2,539,972, Jan. 30.
Purdy, Robert J.: *See*—
Koester, John P., Purdy, and Berglund.
Purdy, Rolland M., Bainbridge, assignor to Bendix Aviation Corporation, New York, N. Y. Speed responsive coupling. 2,549,748, Apr. 17.
Pure Oil Company, The, assignee: *See*—
Askevold, Robert J.
Askevold, Robert J., and Thacker.
Ayers, George W., and Harton.
Ayers, George W., Harton, and Mazurk.
Bell, Richmond T.
Bernard, George G., and Savoy.
Bond, Donald C.
Bond, Donald C., and Russell.
Bond, Donald C., and Savoy.
Christy, Anker L.
Ellison, Lynn E.
Ellison, Lynn E., and Proctor.
Folkins, Hillis O., and Miller.
Folkins, Hillis O., Porter, Miller, and Hennig.
Goldsbarry, Albert W., and Tomaszewski.
Krewer, William A., and Ayers.
Manteuffel, Allen, and Gilson.
Marisic, Milton M., and Porter.
Marsh, Glenn A.
Martin, Howard S.
Moth, Robert H.
Porter, Charles A., and Marisic.
Savoy, Michael.
Stevens, Langley B.
Stucker, Joseph B.
Pureka, Thomas T., Lynn, Mass. Device for generating parabolic curves. 2,557,999, June 26.
Purex Corporation, Ltd., assignee: *See*—
Stoneman, Alan C.
Purifoy, George R.: *See*—
Graybrook, Herbert W., and Purifoy.

Purington, Ellison S.: *See*—
Hammond, John H., Jr., and Purington.
Purington, Ellison S., assignor to J. H. Hammond, Jr., Gloucester, Mass. Dynamic compressor amplifier. 2,553,673, May 22.
Purington, Ellison S., assignor to J. H. Hammond, Jr., Gloucester, Mass. Balanced dynamic compressor amplifier. 2,553,674, May 22.
Purington, Ellison S., Gloucester, Mass., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Selective amplifier system. 2,557,009, June 12.
Purington, Ellison S., assignor to J. H. Hammond, Jr., Gloucester, Mass. Multivibrator circuit. 2,563,659, Aug. 7.
Puritan Sales Company, assignee: *See*—
Feldman, Abrom L., and Schneid.
Purkey, Edward L., Oklahoma City, Okla. Propelled wheeled skate. 2,536,569, Jan. 2.
Purl, John H., United States Navy. Radio altimeter trimmer. 2,566,368, Sept. 4.
Purlee, Lemuel J., Collinsville, Ill. Trap. 2,542,942, Feb. 20.
Purnel, Harry M., Council, Idaho. Automatic means for opening and closing gates or doors. 2,563,365, Aug. 7.
Purnell, Edward A., assignor to The General Fireproofing Company, Youngstown, Ohio. Auxiliary typewriter platform for secretarial desks. 2,539,032, Jan. 23.
Puro Co., Inc., The, assignee: *See*—
Wilson, Norman E., and Saeks.
Purolator Products, Inc., assignee: *See*—
Kovacs, Julius P.
Purpura, August C., Chicago, Ill. Electric flatiron. 2,569,259, Sept. 25.
Purpura, Liborio, Wheeling, W. Va. Circuit breaker. 2,548,617, Apr. 10.
Purpura, Liborio, Wheeling W. Va. Vise having swivel jaw clamped to base in proportion to clamping pressure on workpiece. 2,570,857, Oct. 9.
Pursell, Harold A., Bridgeport, Conn. Combination reel and control handle for model airplanes. 2,573,219, Oct. 30.
Purvis, Judson A., Chicago, Ill. Loose-leaf binder. 2,548,618, Apr. 10.
Purvis, Matthew R., Fanwood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telegraph concentration board circuits. 2,542,208, Feb. 20.
Purvis, Robert, Saranac Lake, N. Y. Ski harness. 2,576,639, Nov. 27.
Purvis, Samuel A.: *See*—
Dimitri, Lionel G., and Purvis.
Puryear, Oney P., Fishkill, N. Y., and M. D. Bray, Noblesville, Ind., assignors to The Texas Company, New York, N. Y. Grease composition and manufacture. 2,542,570, Feb. 20.
Pusch, Walter H., Fort Worth, Tex. Refrigerator cabinet structure. 2,545,749, Mar. 20.
Puschelberg, George C., Dearborn, and W. B. Cooksey, Detroit, Mich. Blood strainer. 2,571,059, Oct. 9.
Pusey & Jones Corporation, The, assignee: *See*—
Hart, Harry H.
Pusey, Leslie C.: *See*—
Liebelt, John E., and Pusey.
Puski, Louis, Cleveland, Ohio. Abdominal truss. 2,548,557, Apr. 10.
Puterbaugh, Harvey, Kokomo, Ind. Automatic caliper. 2,546,110, Mar. 20.
Putman, Henry M., Boston, Mass. Pressure gauge. 2,566,369, Sept. 4.
Putman, Henry V., M. G. Leonard, and L. N. Grafinger, Sharon, Pa., and J. A. Guidosh, Hubbard, Ohio, assignors, by mesne assignments, to the United States of America as represented by the Secretary of the Navy. Control device. 2,543,422, Feb. 27.
Putnam, Ayers B., Chicago, Ill. Pavement fracturing machine. 2,537,702. Jan. 9.
Putnam, Charles P., Lock Haven, Pa., assignor to New York and Pennsylvania Co., Inc., New York, N. Y. Calender machine. 2,565,520, Aug. 28.
Putnam, Charles P., Lock Haven, Pa., assignor to New York and Pennsylvania Co., Inc., New York, N. Y. Calender machine. 2,578,594, Dec. 11.
Putnam, Israel, Jr., Sayre, Pa. Canned liquid dispenser. 2,545,108. Mar. 13.
Putnam, Robert B., assignor to J. A. Andersen, Minneapolis, Minn. Gas tank holder. 2,561,595, July 24.
Putnam, Robert C.: *See*—
Brophy, John J., Pineles, and Putnam.
Putnam, Robert C., Marblehead, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Tanning of hides and skins with formals. 2,577,033, Dec. 4.
Putnam, Thomas M.: *See*—
Hamilton, Joseph G., Putnam, and Wiens.
Putnam, Tracy J., Beverly Hills, Calif. Hoist control mechanism. 2,576,359, Nov. 27.
Putney, David H., assignor to Stratford Engineering Corporation, Kansas City, Mo. Gas-liquid contacting apparatus. 2,579,203, Dec. 18.
Putorak, Walter B., Philadelphia, Pa. Sectional baking pan. 2,575,294, Nov. 13.

Putt, Harlie O., Elkhart, Ind. Reversible turbine type fluid coupling. 2,553,380, May 15.
Putter, Irving: *See*—
Howe, Eugene E., and Putter.
Putz, Edward R., Visalia, Calif. Garment hanger. 2,540,546, Feb. 6.
Pye, Carl F., Winnipeg, Manitoba, Canada. Punching tool. 2,550,937, May 1.
Pye, David J., and W. J. Joseph, Pittsburgh, Calif., assignors to The Dow Chemical Company. Production of chlorine. 2,577,808, Dec. 11.
Pye, Harold C., Oak Park, assignor to Automatic Electric Laboratories, Inc., Chicago, Ill. Substation circuit having manual control of receiving and transmitting efficiency. 2,574,887, Nov. 13.
Pye Limited, assignee: *See*—
Bennett, Arthur J.
Bennett, Arthur J., and Lax.
Court, Patrick R. J.
Fry, John A.
Green, John D. F.
Jackson, Donald, and Green.
Kharbanda, Sant R. R.
Lord, Arthur V.
Lord, Arthur V., and Cope.
Pannell, William M., and Shilling.
Spurr, Philip A.
Weighton, Donald.
Pyk, Herman T., Saltsjo-Duvnas, and H. G. Camner, Ektorp, assignor to Aktiebolaget Atlas Diesel, Stockholm, Sweden. Fuel injection apparatus. 2,537,087, Jan. 9.
Pyk, Sven C., Nynashamn, Sweden. Production of zirconium alloys. 2,558,627, June 26.
Pyk, Sven C., Nynashamn, Sweden, assignor, by mesne assignments, to The Associated Ethyl Company Limited, London, England. Producing alloys of alkali metal and lead having a grain form and structure suited to lead alkyl synthesis. 2,561,636, July 24.
Pylant, Astor F., assignee: *See*—
Martin, William J. B., Owen, and Brown.
Pyle, Cyrus, New Castle, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Fractionating column. 2,564,078, Aug. 14.
Pyle, George H., Hopewell, Va., and D. R. Wiggam, West Grove, Pa., assignors to Hercules Powder Company, Wilmington, Del. Cellulose ether composition. 2,564,581, Aug. 14.
Pyle, George H., Hopewell, Va., and J. S. Tinsley, assignors to Hercules Powder Company, Wilmington, Del. Producing an ethyl cellulose hot-melt composition. 2,579,755, Dec. 25.
Pyle-National Company, The, assignee: *See*—
McDowell, Thomas E., and Rockwell.
Pyle, Ray S., Lakewood, Ohio. Multiple unit baking pan. 2,563,067, Aug. 7.
Pyle, Walter S., assignee: *See*—
Little, George N.
Pym, Arthur F.: *See*—
Kraeger, Vincent S., and Pym.
Pyrene Development Corporation, assignee: *See*—
Dodelin, Frederick A.
Pyrene Manufacturing Company, assignee: *See*—
Bedford, Howard E.
Dodelin, Frederick A.
Durfee, Charles G., and Ferguson.
Eckelmann, Louis E.
Ferguson, George E., and Dodelin.
MacGregor, Peter G.
Quackenbush, Edward C., Aurora, assignor to American Phenolic Corporation, Chicago, Ill. Connector having an automatic locking sleeve. 2,567,727, Sept. 11.
Quackenbush, Edward W., Chicago, Ill. Adhesive applying machine. 2,546,522, Mar. 27.
Quaintance, Hadly W., Caldwell, Idaho. Fountain pen. 2,567,618, Sept. 11.
Quaker Chemical Products Corporation, assignee: *See*—
Abrams, Ellis.
Pfluger, Helmuth L.
Quaker Oats Company, The, assignee: *See*—
Andrews, Edward D.
Dunlop, Andrew P.
Dunlop, Andrew P., and Stout.
Johnson, Herbert B.
Kirk, Douglas.
Lilly, Edward F., and Rupp.
Rupp, Eldor G.
Stake, John A.
Turner, Charles W.
Turner, Charles W., and Reineke.
Quaker Rubber Corporation, assignee: *See*—
Galloway, Frederick M.
Quaker Stretcher Company, assignee: *See*—
Unwin, Kenneth J.
Quaker City Gear Works, Inc., assignee: *See*—
Berlinger, Bernard E.
Qualitrol Corporation, assignee: *See*—
Ford, George E.
Qualley, Ray W., Dayton, and A. B. Newton, Oakwood, Ohio, assignors to Chrysler Corporation, Highland Park, Mich. Heating system. 2,544,544, Mar. 6.

Quam, Gladwyn T.: *See*—
Totusek, Lidumil E., and Quam.
Quam, Obert G., Marshalltown, Iowa. Illuminating and magnifying map holder. 2,544,859, Mar. 13.
Quan, Herbert Q., Los Angeles, Calif. Key holder. 2,551,158, May 1.
Quartullo, Orpheus F.: *See*—
Camilly, Roger L., and Quartullo.
Quartullo, Orpheus F., Cleveland, Ohio. Power steering apparatus. 2,553,940, May 22.
Quartullo, Orpheus F., Cleveland, Ohio, assignor to Wooldridge Manufacturing Company, Sunnyvale, Calif. Hydraulic steering mechanism. 2,557,513, June 19.
Quattlebaum, William M., Jr.: *See*—
Phillips, Benjamin, Jr., and Quattlebaum.
Quayle, Alexander: *See*—
Keim, Charles J., Maier, and Quayle.
Quayle, George F., Philadelphia, Pa., assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Lift truck. 2,560,819, July 17.
Quear, Eugene C., and W. C. Shaw, Anderson, and J. R. Edwards, Middletown, Ind., assignors to General Motors Corporation, Detroit, Mich. Apparatus for molding thermoplastic material. 2,569,535, Oct. 2.
Quebec Metallurgical Industries Limited, assignee: *See*—
Lichty, Lyall J.
Queen, Harold E., Berkeley, Calif. Portable suction cleaner. 2,536,219, Jan. 2.
Queen Ribbon and Carbon Co. Inc., assignee: *See*—
Kohut, Robert A.
Queneau, Paul E., Westport, Conn., W. K. Sproule, and A. Illis, Copper Cliff, Ontario, Canada, assignors to The International Nickel Company, Inc., New York, N. Y. Producing high-grade iron oxide from ores rich in nickeliferous pyrrhotite. 2,556,215, June 12.
Query, Grady W., Charlotte, N. C. Rodent baiting station. 2,568,168, Sept. 18.
Quesnoit, Maurice, Croix, Nord, France. Wheeled barrow. 2,572,945, Oct. 30.
Quetsch, John G., Jr., Garfield Heights, and J. T. Weir, Cleveland, Ohio, assignors to The American Steel and Wire Company of New Jersey. Inspecting wire-drawing die contours. 2,569,195, Sept. 25.
Quick, Cecil G.: *See*—
Crabtree, John O., and Quick.
Quick, Frederick A., Bellerose, assignor to Gregory Motors, Inc., Brooklyn, N. Y. Oscillating display device. 2,544,105, Mar. 6.
Quick, Lloyd, Poughkeepsie, N. Y., assignor to James L. Taylor Manufacturing Company. Glue applying machine. 2,537,279, Jan. 9.
Quick, Percy V., Newburgh, N. Y. Drop-out fuse holder handling apparatus. 2,552,015, May 8.
Quidor, Arthur N., New York, N. Y. Device for illuminating radio cabinets. 2,559,224, July 3.
Quigg, Donald J.: *See*—
Alleman, Carl E., and Quigg.
Quigg, Donald J., Bartlesville, Okla., and C. E. Alleman, Cactus, Tex., assignors to Phillips Petroleum Company. Method and apparatus for converting and quenching hydrocarbons. 2,572,758, Oct. 23.
Quigley, James E., Fanwood, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Screw insert. 2,571,290, Oct. 16.
Quillen, Wrignol E., Phoenix, Ariz. Electrostatic toy animator. 2,553,111, May 15.
Quillin, Robert E., Hilliards, D. Coulter, Reynoldsburg, and C. J. Callaghan, Columbus, Ohio. Wedge power mixing valve. 2,561,993, July 24.
Quilter, John R. C., Woking, England. Parachute harness. 2,553,275, May 15.
Quilter, John R. C., Woking, England. Safety device for chairs. 2,557,313, June 19.
Quin, Denis C.: *See*—
Hall, Reginald H., and Quin.
Quinby, Jack R., New York, N. Y. Model train novelty. 2,540,216, Feb. 6.
Quincy, William S., Jr.: *See*—
Kester, Robert E., and Quincy.
Quincy, William S., Jr., Montgomery County, Ohio. Hermetically sealed connector. 2,536,088, Jan. 2.
Quinlan, Amos L.: *See*—
Juvinall, James W., and Quinlan.
Quinlan, Frank B., Ballston Lake, N. Y., assignor to General Electric Company. Pneumatic vibrator machine. 2,554,212, May 22.
Quinlan, Frank B., Richland, Wash., assignor to General Electric Company. Pneumatic vibrating machine. 2,551,289, May 1.
Quinlan, John H., St. Paul, Minn. Doorway gate. 2,577,034, Dec. 4.
Quinn, Bert A., St. Paul, Minn. Sash lift. 2,551,850, May 8.
Quinn, Charles B., Dayton, Ohio. Safe. 2,566,370, Sept. 4.
Quinn, David H., United States Navy. Water filter. 2,566,371, Sept. 4.
Quinn, Edward: *See*—
Duplessis, René E., and Quinn.
Quinn, Frank P., assignor to American Steel Foundries, Chicago, Ill. Snubbed bolster truck. 2,569,950, Oct. 2.
Quinn, Frederic R., Schenectady, N. Y., assignor to General Electric Company. Electric current rectifier. 2,541,832, Feb. 13.
Quinn, Frederic R., Schenectady, N. Y., assignor to General Electric Company. Annunciator alarm system. 2,565,323, Aug. 21.
Quinn, Magdalene L., assignee: *See*—
Springsteen, Luther W.
Quinn, Martin F., and B. K. Bright, Kingsport, Tenn., assignors to Eastman Kodak Company, Rochester, N. Y. Continuous process for polymerizing aliphatic aldehydes. 2,571,759, Oct. 16.
Quinn, Paul: *See*—
Hampson, Herbert, and Quinn.
Quinn, Paul J., South Orange, N. J., assignor to Curtiss-Wright Corporation. Control system. 2,541,666, Feb. 13.
Quinn, Paul J., South Orange, N. J. Variable pitch propeller. 2,570,484, Oct. 9.
Quinn, Roy E., assignor to The Langsenkamp-Wheeler Brass Works, Inc., Indianapolis, Ind. Sediment tester filter disk restrainer. 2,553,472, May 15.
Quinteros, Eduardo F., Cordoba, Argentina. Pluviometer. 2,570,710, Oct. 9.
Quiquerez, Joseph: *See*—
Gislon, André, and Quiquerez.
Quirk, Justin P., St. Louis County, and L. G. P. Hafner, assignors, by mesne assignments, to Quirk Machinery Company, St. Louis, Mo. Shoe heel feeding mechanism. 2,548,321, Apr. 10.
Quirk Machinery Company, assignee: *See*—
Quirk, Justin P., and Hafner.
Quish, Raymond T. and W. P., J. J. Cratty, and John F. Tierney, assignors to Cratish Corporation, Manchester, Conn. Windshield cover. 2,551,052, May 1.
Quish, William P.: *See*—
Quish, Raymond T. and W. P., Cratty, and Tierney.
Quist, Earnest L., South Pasadena, Calif. Gaseous fluid centrifuge. 2,563,550, Aug. 7.
Quist, Harold A., Elkton, Md., assignor to Sun Oil Company, Philadelphia, Pa. Outage bob. 2,539,925, Jan. 30.
Quist, Harold A., Elkton, Md., assignor to Sun Oil Company, Philadelphia, Pa. Storage tank liquid level measuring device. 2,577,629, Dec. 4.
Quist, Harold A., Elkton, Md., assignor to Sun Oil Company, Philadelphia, Pa. Liquid surface sensing device. 2,580,320, Dec. 25.
Quist, Harvey L., St. Croix Falls, Wis. Electrical heating means for silos. 2,570,376, Oct. 9.
Quist, Hazel, administratrix: *See*—
Curran, Frank M., Quist, and Geen.
Quist, James D., deceased: *See*—
Curran, Frank M., Quist, and Geen.
Quitter, Harold A., Westchester, Ill. Ice-cream cabinet accessory. 2,539,326, Jan. 23.
Qvefiander, Thor G., Karhula, Finland, assignor to A. Ablstrom Osakeyhteo, Karhula Bruk. Contrivance for determining the degree of beating of fiber mass suspensions. 2,546,654, Mar. 27.
REF Manufacturing Corporation, assignee: *See*—
Greenup, Francis T.
R. O. B. E. S. A., assignee: *See*—
Pellat-Finet, Jean-Louis, and Riffet.
RPM Manufacturing Company, assignee: *See*—
Doyle, Joel G.
R & W Instrument Co., assignee: *See*—
Wapner, Joseph S.
Raab, Richard J., Rochester, N. Y. Motor operated can opener. 2,555,931, June 5.
Raab, Sanford Z., Akron, Ohio. Toy balloon with noisemaker attachment. 2,553,941, May 22.
Raab, William J.: *See*—
Whetstone, Richard R., Raab, and Ballard.
Raaberg, Alfred V., and J. W. Crays, Pueblo, Colo. Grease trap. 2,564,172, Aug. 14.
Raasch, Erwin A., Milwaukee, Wis. Window shade holder. 2,556,505, June 12.
Rabatine, Michael, Streator, Ill. Dividing protractor. 2,553,004, May 15.
Rabbitts, Alfred T., Ottawa, Ontario, Canada, assignor to His Majesty the King in the right of Canada, as represented by the Minister of Mines and Resources. Electrodeposition apparatus. 2,566,676, Sept. 4.
Rabe, Karl, assignor to Porsche Konstruktionen G. m. b. H., Gmund/Karnten, Austria. Synchronizing mechanism. 2,579,090, Dec. 18.
Rabenda, Edward J.: *See*—
Beattie, Horace S., Page, and Rabenda.
Rabenda, Edward J., Poughkeepsie, assignor to International Business Machines Corporation, New York, N. Y. Dual coil electric relay. 2,540,022, Jan. 30.
Rabenda, Edward J., Poughkeepsie, assignor to International Business Machines Corporation, New York, N. Y. Record controlled printing device with feed control tape. 2,569,829, Oct. 2.
Rabenda, Edward J., Poughkeepsie, assignor to International Business Machines Corporation, New York, N. Y. Accounting machine with means for handling positive and negative balances. 2,569,830, Oct. 2.
Rabenda, Edward J., Poughkeepsie, assignor to International Business Machines Corporation, New York, N. Y. Accounting machine for comparing totals on two accumulators. 2,573,356, Oct. 30.

Rabenda, Edward J., Poughkeepsie, and F. J. Furman, Endicott, assignors to International Business Machines Corporation, New York, N. Y. Record controlled recording apparatus. 2,543,935, Mar. 6.
Raber, Walter D., Chicago, Ill. Artificial teeth. 2,549,636, Apr. 17.
Raber, Walter D., Chicago, Ill. Molding porcelain casts. 2,550,938, May 1.
Rabeux, Jean, and R. J. Flixecourt, assignors to Societe Saint Freres (Societe Anonyme), Paris, France. Anti-creep warp-lifting roller in circular weaving looms. 2,544,766, Mar. 13.
Rabezzana, Hector, Fenton, Mich. Supply device for engines. 2,536,888, Jan. 2.
Rabin, William W., assignor to Kent Equipment Co., Chicago, Ill. Apparatus for stunning and killing poultry. 2,536,220, Jan. 2.
Rabinovitch, Féodora, London, England, assignor to Compagnie Generale de Telegraphie Sans Fil. Velocity modulation device using secondary emission for density modulation of an electronic beam. 2,564,277, Aug. 14.
Rabinow, David, Maplewood, and O. J. Moehler, assignors to Conmar Products Corporation, Newark, N. J. Releasing end stop nonseparable slide fastener. 2,573,058, Oct. 30.
Rabinow, David, Maplewood, and O. J. Moehler, assignors to Conmar Products Corporation, Newark, N. J. Releasing end stop nonseparable slide fastener. 2,573,059, Oct. 30.
Rabinow, Jacob, Takoma Park, Md. Automatic regulation of timepieces. 2,542,430, Feb. 20.
Rabinow, Jacob, Takoma Park, Md., assignor to Federal Manufacturing & Engineering Corp., Brooklyn, N. Y. Auto focus enlarger. 2,568,762, Sept. 25.
Rabinow, Jacob, Washington, D. C., assignor to the United States of America as represented by the Secretary of War. Adjustable arming mechanism. 2,558,000, June 26.
Rabinow, Jacob, Washington, D. C., assignor to the United States of America as represented by the Secretary of the Army. Magnetic fluid torque and force transmitting device. 2,575,360, Nov. 20.
Rabinowitz, Celia, Brooklyn, N. Y. Embroidery kit. 2,558,386, June 26.
Rabinowitz, Jacob, Brooklyn, and S. P. Zbell, Pelham, assignors to Pavelle Color Incorporated, New York, N. Y. Projection printer. 2,557,685, June 19.
Rabinowitz, Louis M., Brooklyn, N. Y., assignor to Louis M. Rabinowitz Foundation, Inc., Dover, Del. Variable drive clutch for stitch control. 2,537,280, Jan. 9.
Rabinowitz, Louis M., Foundation, Inc., assignee: *See*—
Rabinowitz, Louis M.
Rabjohn, Norman: *See*—
Flory, Paul J., and Rabjohn.
Rabuck, Arthur G., Royalton, Pa. Drill point gauge. 2,547,284, Apr. 3.
Rabuteau, Guy, Paris, France, assignor to International Standard Electric Corporation Inc., New York, N. Y. Impedance matching arrangement for high-frequency antennae. 2,567,235, Sept. 11.
Race, Austin T., Jr., assignor to Race & Race, Inc., Winter Haven, Fla. Dehumidifying device. 2,554,879, May 29.
Race, Austin T., Jr., Winter Haven, Fla. Dehumidifier. 2,575,234, Nov. 13.
Race & Race, Inc., assignee: *See*—
Race, Austin T., Jr.
Rachels, Edward T., deceased, late of Cordele, Ga., by E. T. Rachels, Jr., administrator, Cordele, Ga. Stock loading chute gate. 2,552,734, May 15.
Rachels, Edward T., Jr., administrator: *See*—
Rachels, Edward T.
Rachlin, Max, Flushing, N. Y. Ventilator. 2,563,272, Aug. 7.
Rachlin, Max, Flushing, N. Y. Making downspout hooks. 2,568,027, Sept. 18.
Rack, Alois J., Millington, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. High-frequency transistor oscillator. 2,556,296, June 12.
Rack, Alois J., Millington, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Stabilized transistor trigger circuit. 2,579,336, Dec. 18.
Rackerby, Joseph W., Jr., assignee: *See*—
Nicholson, Albert N.
Rackett, Gerald F., Los Angeles, assignor to Technicolor Motion Picture Corporation, Hollywood, Calif. Forming film. 2,544,258, Mar. 6.
Rackle, Joseph W.: *See*—
Farkas, Eugene J., and Rackle.
Rackliffe, Eugene L., Jackson, Mich. Brush handle connection. 2,536,309, Jan. 2.
Raczynski, Chester E., assignor to Zenith Radio Corporation, Chicago, Ill. Stamped helical coil. 2,568,169, Sept. 18.
Rada, Frank, Big Sandy, Mont. Furrow guide type weeder. 2,538,705, Jan. 16.
Radaelli, Ugo, and E. Bertoli, Milan, Italy. Apparatus, including successive sets of bending rolls for forming plates into tubes. 2,551,704, May 8.
Radakovich, Archie, Kelso, Wash. Ditching and loading device. 2,575,729, Nov. 20.
Radcliffe, Franklin P., Huntington, W. Va. Folding sign. 2,538,381, Jan. 16.
Radcliffe, George E., assignor to The Coca-Cola Bottling Works Co., Cincinnati, Ohio. Portable receptacle and handle therefor. 2,540,756, Feb. 6.
Radcliffe, John C.: *See*—
Hoekstra, Cyrus E., and Radcliffe.
Radecki, Michael J., Hamden, and J. A. Krolikowski, assignors to The Henry G. Thompson & Son Company, New Haven, Conn. Band saw machine. 2,549,384, Apr. 17.
Radeke, Waldemar H.: *See*—
Kopper, Edward, and Radeke.
Radelicki, Jozef, Warsaw, Poland. Medical bath. 2,558,912, July 3.
Rader, Claude, Kansas City, Mo. Finger stop for stringed instruments. 2,578,984, Dec. 18.
Rader, Louis T.: *See*—
Jones, Benjamin W., and Rader.
Radest, Franklin P.: *See*—
Wapner, Joseph S.
Radey, Charles R., Michigan City, Ind., assignor to Pullman-Standard Car Manufacturing Company, Chicago, Ill. Angle cock bracket. 2,568,562, Sept. 18.
Radford, Cameron M., Biltmore, N. C. Movable letter, word forming toy apparatus. 2,564,502, Aug. 14.
Radford, George S., Norwalk, Conn., assignor to A. G. Spalding & Bros. Inc., Chicopee, Mass. Play ball and making the same. 2,542,356, Feb. 20.
Radiant Heater Corporation, assignee: *See*—
Lamb, Wade.
Radig, Walter E., assignor to Bell & Howell Company, Chicago, Ill. Plywood shaping apparatus. 2,567,122, Sept. 4.
Radio Condenser Company: *See*—
Teaf, John H., and Cramer.
Radio Corporation of America, assignee: *See*—
Achenbach, John C.
Agar, William O.
Aiken, Chester C.
Ainsley, Frederick J.
Albin, Frederick G.
Albright, James E.
Ancona, Edward P., Jr.
Anderson, Earl I.
Anderson, Leslie J.
Anderson, Warren A.
Andrews, Dallas R.
Artzt, Maurice.
Artzt, Maurice, and Young.
Atwood, John B.
Ballard, Randall C.
Banca, Maggio C.
Barco, Allen A.
Barnes, John P.
Barton, Loy E.
Beagles, Robert.
Bedford, Alda V.
Bedford, Alda V., and Ballard.
Bentley, William A.
Bierwirth, Rudolph A.
Blaney, Dorothy L.
Bliss, Warren H.
Bliss, Warren H., and Grosdoff.
Bollinger, Waldon P., Fuhrmeister, and Hill.
Bond, Donald S.
Borden, Clifford C., Sr.
Boyd, Malcolm R., and Malter.
Braden, Rene A.
Branson, Harry.
Brenkert, Karl.
Broadwell, Herbert S., and Peterson.
Brown, Barremore B.
Brown, George H.
Brown, George H., and Bierwirth.
Brown, George H., and MacKimmie.
Brown, Herbert W., Jr.
Brown, William, and Schoenfeld.
Bucher, Thomas T. N.
Burns, Leslie L., Jr.
Burnside, Don G.
Burt, Alexander D.
Burtner, Richard L.
Buzalski, Thomas J.
Byrd, John F., and Wildow.
Caldwell, Stephen A., Jr.
Canfora, Arthur E.
Carlson, Wendell L.
Carlson, Wendell L., and Barton.
Carlson, Wendell L., and Harvey.
Carne, Gerald G.
Carson, Benjamin R., and Magnusson.
Carter, Philip S.
Cherry, William H.
Clark, Edwin L.
Clark, Edwin L., and Hoyt.
Clark, Gilbert R.
Clark, John F., III.
Coleman, John H.
Colgan, Oliver E.
Collins, Milford E.
Cooper, Victor J.
Corrington, Murlan S.
Crosby, Murray G.
Cuccia, Carmen L.

Radio Corporation of America, assignee: *See*—Continued.
Darling, Woodrow.
Davis, Lewis H., and Tourshou.
Davis, Norman E.
Dawson, Ernest D.
Dean, William W. H.
De Baun, James R.
Dempsey, John L., and Sonnenfeldt.
Denton, Bethel E.
Dewhurst, Wallace W.
Dillon, Thomas P.
Dixon, Lewis W.
Donal, John S., Jr.
Donal, John S., Jr., Cuccia, and Brown.
Donley, Hugh L., and Wentworth.
Du Bois, William R.
Duke, Vernon J.
Duke, Vernon, J., and Hammerschmidt.
Duncan, Robert K.
Dunlap, Orrin E., Jr.
Dutton, Oscar B.
Eberhard, Everett.
Eberhard, Everett, and Endres.
Eddy, Robert C.
Engstrom, Ralph W.
Epstein, David W.
Epstein, David W., and Nicoll.
Eugley, Jenness P., and Freas.
Ewing, Douglas H.
Falloon, Shirley W. H. W.
Fernsler, George L.
Foley, Thomas U., and Klingaman.
Forbes, Ian S., and Harrod.
Franklin, Ralph E., and Miller.
Frantz, Walter J.
Freas, Robert R., Jr.
Fredendall, Gordon L.
Friend, Albert W.
Fulton, Oliver H., Jr.
Garner, Lloyd P.
Garner, Lloyd P., Parker, and Harbaugh.
Gehman, John B.
Gensel, William L.
Giacoletto, Lawrence J.
Giacoletto, Lawrence J., and Wolff.
Gluyas, Thomas M., Jr.
Goddard, De Witt R.
Goldberg, Edwin A.
Goldsmith, Alfred N.
Goldstine, Hallan E.
Good, Lowell H.
Goodale, Elmer D., and Bundick.
Goodrich, Hunter C., Jr.
Gossick, Ben R.
Gottier, Thomas L.
Graham, George K.
Gray, George W.
Green, Ernest.
Green, Milton W.
Greenleaf, Francis D., Seeberger, and Buder.
Greenough, Maurice L.
Grimm, Albert C.
Grisdale, George L.
Grosdoff, Igor E.
Grundmann, Gustave L.
Haeff, Andrew V.
Haller, Cecil E., and Keye.
Hammond, John H., Jr., and Purington.
Hanchett, George D., Jr.
Hansell, Clarence W.
Harbaugh, Willis E.
Hart, Stephen V.
Harvey, Robert L.
Harvey, Robert L., and Landon.
Harvey, Robert L., and Leverenz.
Hataway, Jarrett L., and Hotine.
Haynes, Harold E.
Haynes, Robert L.
Hegyi, Imre J.
Herbst, Philip J.
Hernqvist, Karl G.
Herold, Edward W.
Hershberger, William D.
Hillier, James.
Hofberg, Alf H.
Hotine, William.
Houghton, William D.
Hoyt, Clyde W.
Hutt, Milton H.
Iams, Harley.
Jefferson, Harold.
Jenkins, Richard.
Jensen, Arthur S.
Jepsen, Robert L.
Johnson, Harwick.
Johnson, Ralph E.
Jones, Loren F.
Kaltenbacher, Dominic M.
Keizer, Eugene O., and Landon.
Kell, Ray D.
Kelly, Ray D., and Sziklai.
Kent, Ralph A.
Kettler, Alfred H.

Radio Corporation of America, assignee: *See*—Continued.
Kihn, Harry.
King, Louis A.
Koch, Winfield R.
Korman, Nathaniel I.
Kreithen, Alexander.
Krieger, Gardner L., and Morton.
Kronenberg, Marvin H.
Kumpf, George A.
Kurshan, Jerome.
Lakatos, Louis L.
Landon, Vernon D.
Landon, Vernon D., and Carlson.
Landon, Vernon D., Neumann, and Smith.
La Rue, William D.
Law, Harold B.
Law, Russell R.
Lawrence, Howard C., Jr., and Freas.
Leverenz, Humboldt W.
Leverenz, Humboldt W., and Harvey.
Leverenz, Humboldt W., and Hegyi.
Liguori, Anthony.
Lindenblad, Nils E.
Linder, Ernest G.
Luck, David G. C.
Luck, David G. C., and Martinelli.
Mackey, Donald.
MacSorley, Olin L.
Maloff, Ioury G.
Malter, Louis, and Moll.
Maris, Elwood S.
Martin, Daniel W., and Ayres.
Martinelli, Ciro C.
Masters, Robert W.
Masterson, Earl E.
McDonald, George J.
McSorley, Olin L.
Meisenheimer, Raymond L.
Merrill, Frederic D., Jr.
Mesner, Max H.
Miller, Charles E.
Miller, William A.
Moore, James R.
Morgan, Jeremiah M.
Morrison, Wendell C.
Morton, George A.
Morton, George A., and Krieger.
Mueller, Charles W.
Nelson, Herbert.
Nergaard, Leon S.
Norton, Lowell E.
Obert, Maximilian J.
Olson, Harry F.
Olson, Harry F., and Preston.
Orlik, Henry G.
Pan, Wen Y.
Parker, Clinton L.
Parker, William N.
Parker, William N., Hoover, and Vance.
Pauch, John E.
Pessel, Leopold.
Peterson, Harold O.
Peterson, Harold O., and Hansell.
Pettus, James L.
Pettus, James L., and Pontius.
Plaistowe, Donald L., and Shipway.
Poch, Waldemar J.
Pratt, John H.
Price, Thomas H.
Prow, Albert H.
Purington, Ellison S.
Rajchman, Jan A.
Rajchman, Jan A., and Brown.
Rajchman, Jan A., and Weimer.
Ramberg, Edward G.
Rankin, John A., Alexander, and Deal.
Reinhold, Leonard F.
Reiskind, Hillel I., and Longacre.
Reisner, John H., Jr.
Rettinger, Michael.
Rhoads, Wilburt D.
Richmond, Martin R.
Roberds, Wesley M.
Roberts, Walter V.
Robinson, Harris A.
Rose, Albert.
Rose, George M., Jr.
Rosencrans, Charles A.
Runge, Frank E.
Rust, Noel M., and Brandon.
Rust, Noël M., and Dawson.
Sachtleben, Lawrence T.
Sands, William F.
Sarnoff, David.
Schade, Otto H.
Schlesinger, Kurt.
Schock, Robert E.
Schoemehl, Henry F.
Schoenfeld, Earl H.
Schrader, Harold J.
Schroeder, Alfred C.
Scull, William E., Jr.
Seeley, Stuart W.

Radio Corporation of America, assignee: *See*—Continued.
Shardlow, Lawrence R.
Sharp, Thomas C.
Shaw, Hubert R.
Shekels, Howard D.
Shenk, Eugene R.
Shenk, Eugene R., and Canfora.
Shenk, Eugene R., and Merson.
Shickel, James B.
Shrader, Ross E.
Shrader, Terry M.
Shumard, Charles C.
Simpson, Kenneth H.
Sinnett, Chester M., and Belar.
Sterner, John F.
Stribling, Stiles C., Jr.
Smith, Arthur L. J.
Smith, James E.
Smith, John P.
Smith, Perry C., and Reisner.
Smith, Philip T.
Snyder, Richard L., Jr.
Solomon, Saul.
Somers, Frank J.
Spencer, James A.
Spencer, James A., and Reinhold.
Starner, Charles J., and Newman.
Steier, Henry P.
Stokes, Victor O.
Stribling, Stiles C., Jr.
Stribling, Stiles C., Jr., Douglas, and Talmage.
Sussman, Harry.
Swanson, Henry T.
Swedlund, Lloyd E.
Sziklai, George C.
Sziklai, George C., and Kell.
Sziklai, George C., and Rosenberg.
Sziklai, George C., and Schroeder.
Sziklai, George C., and Thalner.
Sziklai, George C., and Tolson.
Temple, George L.
Thalner, Robert R.
Thompson, Harry C.
Thompson, Leland E.
Thomsen, Soren M.
Tolson, William A.
Torre, Alton J.
Torre, Alton J., and Kirkwood.
Tourshou, Simeon I.
Tourshou, Simeon I., and Scull.
Trevor, Bertram A.
Tricebock, Donald J.
Uhlig, Erich J.
Usselman, George L.
Vance, Arthur W.
Vilkomerson, Benjamin S.
Wald, Sidney.
Wald, Sidney, and Dunn.
Wald, Sidney, and Russo.
Walsh, Allen A., and Peers.
Wassell, Harold J. H.
Webb, Richard C.
Wehner, Robert S.
Weimer, Paul K.
Wendt, Karl R.
Wendt, Karl R., and Hegbar.
Whittaker, James L.
Whittenberg, Hubert H.
Widell, Emil G.
Wilkinson, William C., Jr.
Williams, Gurdon H.
Willman, Richard C.
Witchey, Albert L.
Wittenberg, Hubert H.
Wood, Lawrence A., Jr., and O'Mahony.
Woodward, Oakley M., Jr.
Young, Charles J.
Young, John E.
York, Raymond A., and Taylor.
Zworykin, Vladimir K.

Radio Frequency Laboratories, Inc., assignee: *See*—
Yonkers, William A.

Radio Patents Corporation, assignee: *See*—
Guanella, Gustav.

Radio Receptor Co. Inc., assignee: *See*—
Tumulo, Gerald.

Radio-Television Institute, Inc., assignee: *See*—
Paradise, Lionel P., and Auerbacher.

Radium Chemical Company Inc., assignee: *See*—
Loftus, George H.

Radlove, Sol B., assignor to The Maytag Company, Newton, Iowa. Improvement of vegetable drying and semi-drying oils. 2,575,529, Nov. 20.

Radman, Petar, Los Angeles, Calif. Circular scissors. 2,548,392, Apr. 10.

Radnall, Herbert, Birmingham, England. Glazing bar. 2,552,865, May 15.

Rado, John A., Teaneck, N. J., assignor, by mesne assignments, to the United States of America as represented by the Secretary of the Navy. Bias supply. 2,539,100, Jan. 23.

Rado, John A., Nutley, N. J., assignor, by mesne assignments, to the United States of America as represented by the Secretary of the Navy. Wave guide with electrical end termination. 2,557,686, June 19.

Rado, John A., Nutley, N. J., assignor to Hazeltine Research, Inc., Chicago, Ill. Amplifier arrangement. 2,562,476, July 31.

Radom, Robert, Old Saybrook, Conn. Resonant network system. 2,542,092, Feb. 20.

Radtke, Adelbert C.: *See*—
Peterson, Walter R., and Radtke.

Radtke, Adelbert C., Oak Park, Ill., assignor to International Harvester Company. Farm silo personnel elevator. 2,573,930, Nov. 6.

Rady, William J., and L. A. Rice, Anderson, Ind., assignors to General Motors Corporation, Detroit, Mich. Engine control system. 2,542,703, Feb. 20.

Rady, William J., and L. A. Rice, Anderson, Ind., assignors to General Motors Corporation, Detroit, Mich. Generator regulator. 2,544,179, Mar. 6.

Rady, William J., and L. A. Rice, Anderson, Ind., assignors to General Motors Corporation, Detroit, Mich. Battery charging system. 2,554,383, May 22.

Rady, William J., and L. A. Rice, Anderson, Ind., assignors to General Motors Corporation, Detroit, Mich. Regulator. 2,565,989, Aug. 28.

Radzay, Stanley A., assignee: *See*—
Mueller, Herman H.

Rae, Alexander J.: *See*—
Metcalfe, Clifford, and Rae.

Raedecke, Robert F., Elgin, Ill. Housing enclosing paste container, having container-puncturing and destroying means, and paste extruder and outlet controller with common actuator. 2,556,980, June 12.

Raesler, John L., Manchester, Conn., assignor to Emhart Manufacturing Co., Seattle, Wash. Sequentially controluring physical constants. 2,562,575, July 31.

Raetsch, Bruno A.: *See*—
Girard, Byron P., and Raetsch.

Raetsch, Bruno A., Baltimore, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Apparatus for profiling articles. 2,577,154, Dec. 4.

Raetsch, Bruno A., Baltimore, Md., and J. A. Trethewey, Manitou Springs, Colo., assignors to Western Electric Company, Incorporated, New York, N. Y. Apparatus for testing electrical contactors. 2,573,488, Oct. 30.

Raffauf, Robert F., assignor to Eaton Laboratories, Inc., Norwich, N. Y. Making 5-nitro-2-furaldehyde semicarbazone. 2,548,173, Apr. 10.

Raffel, Bernard D., assignor to Wingfoot Corporation, Akron, Ohio. Fabricating metal laminates. 2,545,704, Mar. 20.

Rafferty, James F.: *See*—
Tinnerman, George A., and Rafferty.

Raffinerie Tirlemontoise, assignee: *See*—
Smet, André.

Raffke, William F., Silverton, assignor to The Cincinnati Shaper Company, Cincinnati, Ohio. Tool lifter. 2,538,629, Jan. 16.

Raffold Process Corporation, assignee: *See*—
Rafton, Harold R.

Rafton, Harold R., Andover, Mass., assignor to Raffold Process Corporation. Treating slaked lime and making pigment therefrom. 2,565,930, Aug. 28.

Ragan, Thomas M., Downey, assignor to Baker Oil Tools, Inc., Vernon, Calif. Well packer plugging apparatus. 2,549,007, Apr. 17.

Ragan, Thomas M., Downey, assignor to Baker Oil Tools, Inc., Vernon, Calif. Side ported casing apparatus for cementing wells. 2,569,732, Oct. 2.

Ragan, Thomas M., Downey, assignor to Baker Oil Tools, Inc., Vernon, Calif. Well packer. 2,578,900, Dec. 18.

Ragatz, Edward G., San Marino, Calif. Fractionation method. 2,538,947, Jan. 23.

Ragatz, Edward G., San Marino, Calif. Rich oil distillation. 2,548,058, Apr. 10.

Ragazzini, John R.: *See*—
Horn, William D., and Ragazzini.

Ragin, Douglas H., assignor of one-half to F. W. Woodard, Philadelphia, Pa. Vise for straightening fenders. 2,574,589, Nov. 13.

Ragland, Douglas, Houston, Tex., assignor, by mesne assignments, to Standard Oil Development Company, Elizabeth, N. J. Relief valve. 2,574,414, Nov. 6.

Rahaim, Peter A., Gardner, Mass., assignor, by mesne assignments, to Valiton-Richardson, Inc., Sheboygan Falls, Wis. Compressing machine having two pivoted dies closed by reciprocating mount for third die. 2,541,544, Feb. 13.

Rahbek, Knud, Frederiksberg, Denmark. Semiconductor unit for the utilization of electroadhesion. 2,568,824, Sept. 25.

Rahe, Mary A., Mount Pleasant, Iowa. Child's safety belt. 2,567,400, Sept. 11.

Rahmel, Henry A., Evanston, assignor to A. C. Nielsen Company, Chicago, Ill. Apparatus for determining listening habits of radio receiver users. 2,552,585, May 15.

Rahner, Francis V., St. Augustine, Fla. Portable photographic light having an adjustable light chamber. 2,545,382, Mar. 13.

Rahning, William, Madera, Ohio. Occupant propelled roundabout. 2,539,161, Jan. 23.

Rahthus, Max, Brooklyn, N. Y. Ornamental chain. 2,549,335, Apr. 17.

Raibourn, Charles N., Washington, D. C., assignor to All-Weather Aluminum Awnings, Inc., Silver Hill, Md. Awning. 2,565,884, Aug. 28.
Raibourn, Paul, Southport, Conn. Producing colored photographs. 2,567,401, Sept. 11.
Raiche, Chester J., Chicago, Ill. Garment hanger. 2,580,044, Dec. 25.
Raiche, Louis I., assignor of twenty-five per cent to A. B. Pickands, Chicago, Ill. Dental appliance for determining proper centric bite in the art of producing artificial dentures. 2,548,817, Apr. 10.
Railroad Products Company, assignee: *See*— McGarry, John T.
Railton, Reid A., Berkeley, Calif., assignor to Hudson Motor Car Company, Detroit, Mich. Variable speed transmission. 2,555,702, June 5.
Railway Maintenance Corporation, assignee: *See*— McWilliams, James B.
Railway Service and Supply Corporation, assignee: *See*— Dwyer, William L.
Rainard, Leo W.: *See*— Pfau, Julius H., and Rainard.
Rainard, Leo W., Nyack, N. Y., assignor to Alexander Smith, Incorporated. Treating proteinaceous fibers. 2,575,837, Nov. 20.
Rainard, Leo W., Nyack, N. Y., assignor to Alexander Smith, Incorporated. Crimping proteinaceous fibers. 2,575,838, Nov. 20.
Rainard, Leo W., Nyack, N. Y., assignor to Alexander Smith, Incorporated. Crimping uncrosslinked fibers. 2,575,839, Nov. 20.
Rainbows, Inc., assignee: *See*— Bremer, Hermann F., and Gondolfo.
Rainey, James L.: *See*— Bock, Louis H., Leake, and Rainey.
Rainey, Rexton S., Palo Alto, H. T. Stewart, Atherton, and F. A. Helfrecht, assignors to National Motor Bearing Co., Inc., Redwood City, Calif. Making shims. 2,566,249, Aug. 28.
Rainey, William T., Jr., and J. A. Krynitsky, United States Navy. Tube sealing apparatus. 2,554,503, May 29.
Rainville, Omer J., Attleboro, Mass. Sewing needle. 2,539,859, Jan. 30.
Rainville, Omer J., Attleboro, Mass. Baffle type exhaust silencer. 2,557,687, June 19.
Rainwater, Charles E., Highland Park, Ill., assignor to P. R. Mallory & Co., Inc., Indianapolis, Ind. Video coupler. 2,539,926, Jan. 30.
Raitzyn, Isidor: *See*— Séon, Marius, and Raitzyn.
Rajagopalan, Srinivasa: *See*— Fieser, Louis F., and Rajagopalan.
Rajchman, Jan A., Princeton, N. J., assignor to Radio Corporation of America. Scanning circuit for area selection tubes and the like. 2,558,460, June 26.
Rajchman, Jan A., Princeton, N. J., assignor to Radio Corporation of America. Target-area-selection-type tube. 2,558,461, June 26.
Rajchman, Jan A., Princeton, N. J., assignor to Radio Corporation of America. Frequency analyzer. 2,570,858, Oct. 9.
Rajchman, Jan A., Princeton, N. J., and G. W. Brown, Ames, Iowa, assignors to Radio Corporation of America. Electronic cumulative adder. 2,568,932, Sept. 25.
Rajchman, Jan A., and P. K. Weimer, Princeton, N. J., assignors to Radio Corporation of America. Detection of ions. 2,575,769, Nov. 20.
Rajeska, Jake: *See*— Williams, David I., and Rajeska.
Rajo Motor Company, assignee: *See*— Strong, Stanley N.
Rakeman, Chester, New York, N. Y. Curtain supporting and operating mechanism. 2,564,995, Aug. 21.
Rakestraw, Roy R., Lamar, Mo. Tube holder and squeezer with intermittent actuator for winding rollers. 2,542,571, Feb. 20.
Rakoff, Jack and R., Brooklyn, N. Y. Holder for abrasive or cleansing materials. 2,555,153, May 29.
Rakoff, Ruth: *See*— Rakoff, Jack and R.
Rakos, Joseph F., assignor of one-half to J. W. Nelson, Cleveland, Ohio. Head shield for welders. 2,559,795, July 10.
Rakowitzky, Gregor H., Brooklyn, N. Y. Gem holder for grinding machines. 2,542,704, Feb. 20.
Raleigh, Walter J.: *See*— Armstrong, Daniel A., and Bandli.
Raleigh, Walter J., assignor to Scott-Atwater Manufacturing Company, Minneapolis, Minn. Magneto. 2,537,856, Jan. 9.
Raley, John H., and F. H. Seubold, Jr., Berkeley, assignors to Shell Development Company, San Francisco, Calif. Coupling of amines by means of ditertiary-alkyl peroxides. 2,537,857, Jan. 9.
Ralph, Harold J., San Francisco, Calif. Diaper garment for infants. 2,545,674, Mar. 20.
Ralston, Anderson W., and L. T. Crews, assignors to Armour and Company, Chicago, Ill. Cyanoesters. 2,552,814, May 15.
Ralston, Anderson W., and H. M. Corley, assignors to Armour and Company, Chicago, Ill. Synthetic rubber composition containing an oxygenized unsaturated nitrile. 2,564,857, Aug. 21.
Ralston, Anderson W., J. P. Barrett, and E. W. Segebrecht, assignors to Armour and Company, Chicago, Ill. Rodent repelling binder cord and making same. 2,578,595, Dec. 11.
Ralston, Arthur R., Kansas City, Mo. Carpenter's claw hammer. 2,539,860, Jan. 30.
Ralston, Arthur R., Kansas City, Mo. Jaw actuating means for tools. 2,579,272, Dec. 18.
Ralston, Philip A., assignor of one-half to W. C. Warrick, Pontiac, Mich. Hygienic device. 2,551,394, May 1.
Ralston Purina Company, assignee: *See*— Pittenger, Glenn C.
Ramadanoff, Dimiter, Berea, Ohio, assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Electrical contact brush. 2,543,301, Feb. 27.
Ramage, John H., Bloomfield, N. J., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Coating refractory readily oxidizable metals. 2,555,372, June 5.
Ramain, Michel H. M. L., Saint Ingbert, Territory of the Sarre, assignor to Societe Anonyme des Manufactures des Glaces et Produits Chimiques de Saint-Gobain Chauny & Cirey, Paris, France. Process and apparatus for automatic severing of sheets from a band of glass. 2,560,305, July 10.
Ramberg, Edward G., Feasterville, Pa., assignor to Radio Corporation of America. Flourescent color screen for electron optical systems. 2,547,775, Apr. 3.
Rambert, Raymond L., Gonesse, assignor to Satam Societe Anonyme Pour Tous Appareillages Mecaniques, La Courneuve (Department of the Seine), France. Presettable quantity and price register mechanism with selectively adjustable unit price means. 2,557,464, June 19.
Rambo, Sheldon I., Baltimore, Md., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Frequency discriminator. 2,539,204, Jan. 23.
Rambo, Sheldon I., Baltimore, Md., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Frequency stabilizer. 2,558,100, June 26.
Rambo, Sheldon I., Baltimore, Md., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Radio frequency apparatus. 2,568,410, Sept. 18.
Rambo, Sheldon I., Baltimore, and R. L. Rumpf, Jr., Catonsville, Md., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Frequency stabilization system. 2,542,837, Feb. 20.
Rambo, Sheldon I., and B. Boyd, Baltimore, Md., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Oscillator grid-leak circuit. 2,558,101, June 26.
Rambo, William H., and H. A. De Rice, Portland, Oreg. Hydraulic log barking apparatus. 2,579,613, Dec. 25.
Rambo, William R., Cambridge, Mass., assignor to the United States of America as represented by the Secretary of War. Coupling arrangement between an electron discharge device and cavity resonators. 2,547,411, Apr. 3.
Rambo, William R., Cambridge, Mass., assignor to the United States of America as represented by the Secretary of War. Thermionic overvoltage protection circuit. 2,548,818, Apr. 10.
Rambow, Walter, Chicago, Ill. Frame. 2,568,899, Sept. 25.
Rameson, Frederick M., Los Angeles, Calif. Door latch and pull. 2,556,821, June 12.
Ramey, John H., assignee: *See*— Himes, Wiley D.
Ramirez, Salvador, Chicago, Ill. Automatic fishing device. 2,573,357, Oct. 30.
Ramm, Henry A., Auckland, New Zealand. Guide for producing clothes patterns. 2,540,405, Feb. 6.
Ramme, Clarence, Rodeo, Calif. Rearview mirror arrangement. 2,569,576, Oct. 2.
Ramminger, William, Brooklyn, N. Y. Antiglare headlight. 2,539,927, Jan. 30.
Ramo, Simon, Los Angeles, Calif., assignor to General Electric Company. Generation of electromagnetic waves by doppler effects. 2,558,001, June 26.
Ramo, Simon, Los Angeles, Calif., assignor to General Electric Company. Electron discharge apparatus for amplifying ultra high frequency waves. 2,562,738, July 31.
Ramo, Simon, Schenectady, N. Y., assignor to General Electric Company. Generation of electromagnetic waves by Doppler effects. 2,576,696, Nov. 27.
Ramode, Inc., assignee: *See*— Friend, Ralph L., and Knapp.
Ramont, Raymond E., Los Angeles, Calif. Fruit cleaning machine. 2,578,944, Dec. 18.
Ramos, Grace M., assignor of thirty per cent to J. D. Ramos, St. Petersburg, Fla. Lady's hat. 2,551,159, May 1.
Ramos, Joseph D., assignee: *See*— Ramos, Grace M.
Ramp, Charles K., Louisville, Ky., and E. F. Vilter, Milwaukee, Wis. Grinding tool. 2,549,521, Apr. 17.
Ramsaur, Walter R., and R. W. Jensen, assignors to The Garrett Corporation, Los Angeles, Calif. Two-port cooler. 2,560,245, July 10.
Ramsay, Erskine, Birmingham, Ala. Sheltered seat. 2,537,787, Jan. 9.
Ramsay, Erskine, Birmingham, Ala. Mine car wheel bearing support. 2,566,427, Sept. 4.

Ramsay, George D.: *See*—
Burnam, Thompson W., and Ramsay.
Ramsay, William S., assignor, by mesne assignments, to Stark Ceramics, Inc., Canton, Ohio. Producing porous, light-weight, burned argillaceous material. 2,543,987, Mar. 6.
Ramsay, William S., assignor, by mesne assignments, to Stark Ceramics, Inc., Canton, Ohio. Bonding and glazing of concrete articles. 2,562,477, July 31.
Ramsay, William S., assignor, by mesne assignments, to Stark Ceramics, Inc., Canton, Ohio. Enameling of concrete materials. 2,579,050, Dec. 18.
Ramsbottom, John M., assignor to Swift & Company, Chicago, Ill. Coating frozen meat cuts. 2,551,463, May 1.
Ramsdell, Floyd A., assignor to Worcester Film Corporation, Worcester, Mass. Apparatus for projecting stereopicture slides. 2,538,124, Jan. 16.
Ramsden, Charles H., Oakland, and A. B. Court, San Francisco, assignors, to Rice Growers Association of California, Sacramento, Calif. Feed device. 2,567,447, Sept. 11.
Ramser, John H., Chester, assignor to The Atlantic Refining Company, Philadelphia, Pa. Metering method and means. 2,559,900, July 10.
Ramser, Louis L., Jr., Louisville, Ky. Eaves trough bracket. 2,565,090, Aug. 21.
Ramsey Corporation, assignee: *See*—
Chaix, Ernest T.
Dunsford, Mortimer C.
Marien, Charles A., and Frisby.
Marien, Melvin W.
Marien, Melvin W., and Lippmann.
Ramsey, George H., Rolla, Mo. Power converter. 2,564,212, Aug. 14.
Ramsey, Guy, Newton, Kans. Holder for hooks and trolleys. 2,566,962, Sept. 4.
Ramsey, James C., Lincoln, N. Mex. Interlocked multiplate arrowhead construction. 2,549,235, Apr. 17.
Ramsey, James C., Lincoln, N. Mex. Glove for archers. 2,555,203, May 29.
Ramsey, James C., Lincoln, N. Mex. Arrow holding attachment or rack for hunting bows. 2,575,126, Nov. 13.
Ramsey, James C., Lincoln, N. Mex. Hunting quiver for hunting arrows. 2,576,360, Nov. 27.
Ramsey, James E., St. Louis, Mo. Circular refrigerator with pivoted rotatable shelves. Re. 23,374, June 5.
Ramsey, Jess C. and M. J., Billings, Mont. Dehydrator. 2,558,462, June 26.
Ramsey, John R., Eugene, Oreg. Drum beater. 2,551,635, May 8.
Ramsey, Justin H., Allendale, and J. W. Van Riper, Fairlawn, N. J. Process of and apparatus for vulcanization. 2,561,820, July 24.
Ramsey, Margaret J.: *See*—
Ramsey, Jess C. and M. J.
Ramsey, Ralph H., Ardmore, Okla. Rearrangement of oil and gas deposits in sealed domes and like natural formations. 2,548,059, Apr. 10.
Ramsey, Robert P., assignor to Lima-Hamilton Corporation, Hamilton, Ohio. Locomotive drive. 2,539,471, Jan. 30.
Ramsey, Wellington L., assignor to J. A. Zurn Manufacturing Company, Erie, Pa. Combined clean-out and flow control device for fluid lines. 2,576,640, Nov. 27.
Ramsey, Wynne T.: *See*—
Simpkins, George, and Ramsey.
Ramseyer, Charles F., Old Greenwich, Conn., assignor to H. A. Brassert & Company, New York, N. Y. Manufacture of water gas. 2,552,866, May 15.
Ranco Incorporated, assignee: *See*—
Hobbs, Walter V.
Raney, Eldon D.
Raney, Estel C.
Rancourt, Alphonse, Pittsfield, Mass. Cloth roll. 2,543,507, Feb. 27.
Rand, James H., Darien, Conn., assignor to Remington Rand Inc., New York, N. Y. Record card for statistical machines. 2,557,797, June 19.
Rand, Le Roy H., assignor to Rand Rubber Company, Inc., Brooklyn, N. Y. Dress shield. 2,562,508, July 31.
Rand Rubber Company, Inc., assignee: *See*—
Rand, Le Roy H.
Rand, Sidney S., New York, N. Y. Pillowcase. 2,545,970, Mar. 20.
Randa, August J., Des Moines, Iowa. Combination hose clamp and support. 2,537,703, Jan. 9.
Randall Company, The, assignee: *See*—
Hall, Ralph W.
Weaver, Maxwell C., and Leonard.
Randall, David I.: *See*—
Smith, Carl M., and Randall.
Randall, David I., Phillipsburg, N. J., assignor to General Aniline & Film Corporation, New York, N. Y. Production of benzanthrone vat dyes methylated in 9-position. 2,547,044, Apr. 3.
Randall, David I., and S. R. Buc, Easton, Pa., assignors to General Aniline & Film Corporation, New York, N. Y. Aminomethyl compounds of the benzanthrone series and the N-phthaloyl derivatives thereof. 2,536,984, Jan. 2.
Randall, David I., Easton, Pa., and E. E. Renfrew, Phillipsburg, N. J., assignors to General Aniline & Film Corporation, New York, N. Y. Wool chrome dyestuff. 2,539,928, Jan. 30.
Randall, David I., and T. A. Martin, Easton, Pa., assignors to General Aniline & Film Corporation, New York, N. Y. Hydrocarbon-soluble phthalocyanines. 2,547,972, Apr. 10.
Randall, David I., Easton, Pa., and E. E. Renfrew, Phillipsburg, N. J., assignors to General Aniline & Film Corporation, New York, N. Y. Anthraquinone dyestuffs for acetate rayon. 2,560,887, July 17.
Randall, Harry A., Rocky River, Ohio. Lathe toolholder. 2,540,289, Feb. 6.
Randall, John T., and H. A. H. Boot, Birmingham, assignors to English Electric Valve Company Limited, Chelmsford, England. High-frequency electrical oscillator. 2,542,966, Feb. 20.
Randall, Louis W., assignee: *See*—
Williams, Charles H.
Randall, Merle, Berkeley, Calif. Chlorination of hydrocarbons. 2,547,139, Apr. 3.
Randall, Merwyn C., Philadelphia, Pa., and G. S. Gethen, Collingswood, N. J. Insulating finishing cements. 2,574,843, Nov. 13.
Randall, Ralph R., Freeport, assignor, by mesne assignments, to Dualoc Engineering Co., Rockford, Ill. Nontorque equalizing differential. 2,536,392, Jan. 2.
Randall, Robert L., St. Louis, Mo., assignor, by mesne assignments, to Midwest Rubber Reclaiming Company, East St. Louis, Ill. Reclaiming scrap of synthetic and natural rubbers. 2,545,828, Mar. 20.
Randall, Walter H., Waterville, assignor, by mesne assignments, to The Canal National Bank of Portland, and W. B. Nutley, Portland, Maine, as trustees. Molded carton for fragile articles. 2,578,739, Dec. 18.
Randall, Warren C., and F. L. Rushing, Tampa, Fla., assignors to Gaylord Container Corporation, St. Louis, Mo. Convertible shipping carton and self-feeder. 2,556,661, June 12.
Randall, William C., Birmingham, assignor to Detroit Steel Products Company, Detroit, Mich. Window construction. 2,554,880, May 29.
Randleman, Harry R., assignor of twelve and one-half per cent to K. Feuerhelm, Rogue River, Oreg. Wheel supporting side member, including a spring mounting therefor. 2,550,084, Apr. 24.
Randlett, Edward A., Baltimore, Md., assignor to Owens-Illinois Glass Company. Snap-on perforated shaker disk for condiment container and closure cap over said disk. 2,576,416, Nov. 27.
Randol, Elizabeth L., assignee: *See*—
Randol, Glenn T.
Randol, Glenn T., assignor of one-half to E. L. Randol, Mountain Lake Park, Md. Speed-responsive device. Re. 23,375, June 5.
Randol, Glenn T., Mountain Lake Park, Md. Preselective transmission control for automotive vehicles. 2,572,054, Oct. 23.
Randol, Glenn T., St. Louis, Mo. Automotive variable-speed transmission and control mechanism therefor. 2,578,740, Dec. 18.
Randolph, Albert A., Glenmora, La. Removable vehicle body. 2,559,029, July 3.
Randolph, Harry B.: *See*—
Mathisen, Anders, and Randolph.
Randolph, John R., Mexia, Tex. Transmission hoist. 2,572,516, Oct. 23.
Randolph Laboratories, Inc., assignee: *See*—
Boal, Stewart.
Randolph, Paul H., Miami, Fla. Folding table. 2,580,126, Dec. 25.
Randolph, Robert E., Highland, Calif. Tappet valve silencer. 2,545,750, Mar. 20.
Randolph, Seldon L., Loraine, Ill. Power-operated loader adjusting mechanism. 2,579,963, Dec. 25.
Randtke, Richard F., Rochester, N. Y. Filing box and follower member. 2,538,165, Jan. 16.
Raney, Edwin A.: *See*—
Hogue, Alfred L., Raney, Young, and Runaldue.
Raney, Eldon D., assignor to Ranco, Incorporated, Columbus, Ohio. Heater control valve. 2,538,212, Jan. 16.
Raney, Estel C., Delaware, assignor to Ranco, Incorporated, Columbus, Ohio. Snap switch mechanism. 2,556,216, June 12.
Raney, Estel C., Delaware, assignor to Ranco Incorporated, Columbus, Ohio. Snap acting control switch. 2,556,981, June 12.
Raney, Robert M., Euclid, assignor to Willard Storage Battery Company, Cleveland, Ohio. Storage battery. 2,548,558, Apr. 10.
Raney, Russell R., La Grange, Ill., assignor to International Harvester Company. Uniform tension apparatus for bale chamber discharge openings. 2,551,464, May 1.
Raney, Russell R., La Grange, and B. E. Brown, Chicago, Ill., assignors to International Harvester Company. Two-speed drive. 2,562,576, July 31.
Raney, William E., Lakewood, assignor of one-half to The C. M. Penney Co., Cleveland, Ohio. Cable puller. 2,556,484, June 12.
Raney, William E., Lakewood, Ohio. Variable-speed drive. 2,578,837, Dec. 18.
Rangabe, Alexander R.: *See*—
Thomson, Amherst F. H., Wright, and Rangabe.
Ranger, Arthur W., Brighton, England. Flat-bed printing machine. 2,542,705, Feb. 20.

Ranger, Arthur W., Brighton, England. Quick return mechanism for bed and cylinder presses. 2,567,578, Sept. 11.
Ranger, Richard H., Newark, N. J. Stereoscopic radar. 2,538,800, Jan. 23.
Ranger, Richard H., Newark, N. J. Frequency controller. 2,540,139, Feb. 6.
Ranger, Richard H., Newark, N. J. Magnetic record editing apparatus. 2,540,406, Feb. 6.
Ranger, Richard H., Newark, N. J. Triggered frequency control. 2,543,058, Feb. 27.
Rankin, Albert M., Hagerstown, Md. Ball throwing device. 2,547,776, Apr. 3.
Rankin, Dan R., Los Angeles, and J. B. Wade, Arcadia, Calif., assignors to Food Machinery and Chemical Corporation. Apparatus for casting tubular elements. 2,555,998, June 5.
Rankin, Felix, and H. Dannemann, Brooklyn, N. Y. Casing for boilers. 2,575,069, Nov. 13.
Rankin, John A., Chicago, Ill., W. R. Alexander, Upper Montclair, and H. B. Deal, Glen Ridge, N. J., assignors to Radio Corporation of America. Frequency modulation circuit. 2,573,274, Oct. 30.
Rankin, John A., Park Ridge, assignor to Belmont Radio Corporation, Chicago, Ill. Wave signal amplifier, including input electrode capacitance neutralizing means. 2,550,378, Apr. 24.
Ransburg, Edwin M., assignor to Ransburg Electro-Coating Corp., Indianapolis, Ind. Electrostatic coating apparatus. 2,544,806, Mar. 13.
Ransburg, Edwin M., assignor to Ransburg Electro-Coating Corp., Indianapolis, Ind. Electrostatic detearing apparatus. 2,549,927, Apr. 24.
Ransburg, Edwin M., assignor to Ransburg Electro-Coating Corp., Indianapolis, Ind. Electrostatic coating apparatus. 2,553,724, May 22.
Ransburg Electro-Coating Corp., assignee: *See*—
Crouse, William W.
Miller, Emery P.
Ransburg, Edwin M.
Ransburg, Harold P.
Ransburg, Harold P., Miller, and Curtis.
Ransburg, Harold P., assignor to Ransburg Electro-Coating Corp., Indianapolis, Ind. Electrostatic coating method and apparatus. 2,550,657, Apr. 24.
Ransburg, Harold P., assignor to Ransburg Electro-Coating Corp., Indianapolis, Ind. Electrostatic coating method and apparatus. 2,559,225, July 3.
Ransburg, Harold P., assignor to Ransburg Electro-Coating Corp., Indianapolis, Ind. Coating articles. 2,567,781, Sept. 11.
Ransburg, Harold P., E. P. Miller, and N. Curtis, assignors, by mesne assignments, to Ransburg Electro-Coating Corp., Indianapolis, Ind. Apparatus for spray coating articles in an electrostatic field. 2,546,701, Mar. 27.
Ransdell, Don W. and R. T., Brawley, Calif. Combination refrigerating-heating apparatus with improved coil header structure. 2,556,104, June 5.
Ransdell, Richard T.: *See*—
Ransdell, Don W. and R. T.
Ranseen, Emil L.: *See*—
Nienaber, Frank, Henderson, Ranseen, and Lytle.
Ranseen, Mauritz C., Minneapolis, Minn. Device for displaying merchandise. 2,576,969, Dec. 4.
Ranshaw, Charles E.: *See*—
Bortle, William J., and Ranshaw.
Ransley, Charles E.: *See*—
Jones, Douglas E., Ransley, Ryde, and Williams.
Ransohoff, N., Incorporated, assignee: *See*—
Ransohoff, Nathan.
Ransohoff, Nathan, assignor to N. Ransohoff, Incorporated, Cincinnati, Ohio. Feeder for tumbling mills. 2,539,973, Jan. 30.
Ransom, David H.: *See*—
Deloraine, Edmond M., and Ransom.
Ransom, David H., London, England, assignor to International Standard Electric Corporation, New York, N. Y. Busy indication in electronic switching equipment for automatic telephone exchanges. 2,553,605, May 22.
Ransom, David H., Montclair, N. J., assignor, by mesne assignments, to International Standard Electric Corporation, New York, N. Y. Electron beam switching tube and system. 2,570,274, Oct. 9.
Ransom, David H., Paterson, N. J., assignor to Federal Telecommunication Laboratories, Inc., New York, N. Y. Signaling arrangement for electronic switching systems. Re. 23,418, Oct. 16.
Ransom, Harland R., Detroit, Mich. Inclined reciprocating vegetable cutter. 2,545,557, Mar. 20.
Ransom, Richard B., Knoxville, Tenn., assignor to Universal Products Company Incorporated, Detroit, Mich. Constant velocity joint. 2,559,563, July 3.
Ransom, Robert B., Hamden, Conn. Fishing reel. 2,550,861, May 1.
Ranson, Lloyd R., Charlotte, N. C., assignor to The Clark Controller Company, Cleveland, Ohio. Electric contactor and arc extinguisher therefor. 2,550,718, May 1.
Ranson, Richard R.: *See*—
Hodgson, Howard E., and Ranson.
Rape, Robert F., assignor to The Fleming Steel Company, New Castle, Pa. Operating and locking mechanism for canopy doors. 2,546,932, Mar. 27.
Raper, Alan R.: *See*—
Clements, Francis S., and Raper.
Raper, John R., Lake Geneva, Wis., assignor to the United States of America as represented by the United States Atomic Energy Commission. Making a source of beta rays. 2,559,259, July 3.
Rapids-Standard Company, Inc., assignee: *See*—
Smith, Orville E.
Rapier, Pascal M., Redondo Beach, Calif., assignor to Great Lakes Carbon Corporation, Chicago, Ill. Agents for rendering cleaners' solvents electrically conductive. 2,564,926, Aug. 21.
Rapisarda, Edward D., Agawam, assignor to Gilbert & Barker Manufacturing Company, West Springfield, Mass. Sealing fastener for the floor plates of the tray of a bubble tower. 2,544,614, Mar. 6.
Rapisarda, Edward D., Agawam, assignor to Gilbert & Barker Manufacturing Company, West Springfield, Mass. Gas-operated spray outfit. 2,550,379, Apr. 24.
Rapisarda, Joseph F., Cleveland, Ohio. Foot support. 2,567,028, Sept. 4.
Rapp, Earl J., Toledo, Ohio, assignor to Lynch Corporation. Article stacking and transfer mechanism. 2,552,867, May 15.
Rapp, Earl J., Toledo, Ohio, assignor, by mesne assignments, to Lynch Corporation, Anderson, Ind. Product stacker. 2,564,079, Aug. 14.
Rapp, Howard B., assignor to Towner Manufacturing Co., Santa Ana, Calif. Control system for wheeled mechanical-lift implements. 2,575,563, Nov. 20.
Rapp, Howard B., Jr., assignee: *See*—
Heckathorn, Loyd, and Rapp.
Rapp, Janet L. C.: *See*—
Anderson, Philip C., and Rapp.
Rapp, Jessica M., assignee: *See*—
Heckathorn, Loyd, and Rapp.
Rapp, Julian D.: *See*—
Rapp, Willis and J. D.
Rapp, Theodore, Los Angeles, Calif. Apparatus for filling containers with liquid. 2,537,421, Jan. 9.
Rapp, Theodore, Los Angeles, Calif. Packaging machine. 2,566,677, Sept. 4.
Rapp, Willis and J. D., Turlock, Calif. Loading apron for scrapers. 2,537,910, Jan. 9.
Rappl, Anton: *See*—
Scinta, Anthony C., and Rappl.
Rappl, Anton, Eggertsville, assignor to Trico Products Corporation, Buffalo, N. Y. Making shaft bearings. 2,536,821, Jan. 2.
Rappl, Anton, Eggertsville, assignor to Trico Products Corporation, Buffalo, N. Y. Accessory system for motor vehicles. 2,538,327, Jan. 16.
Rappl, Anton, Eggertsville, assignor to Trico Products Corporation, Buffalo, N. Y. Magnetically operated switch. 2,541,778, Feb. 13.
Rappl, Anton, Eggertsville, assignor to Trico Products Corporation, Buffalo, N. Y. Windshield wiper mechanism. 2,547,285, Apr. 3.
Rappl, Anton, Eggertsville, assignor to Trico Products Corporation, Buffalo, N. Y. Power line support for motor vehicle doors. 2,550,021, Apr. 24.
Rappl, Anton, Eggertsville, assignor to Trico Products Corporation, Buffalo, N. Y. Window operator. 2,554,922, May 29.
Rappl, Anton, Eggertsville, assignor to Trico Products Corporation, Buffalo, N. Y. Windshield clearing system. 2,556,440, June 12.
Rappl, Anton, Eggertsville, assignor to Trico Products Corporation, Buffalo, N. Y. Accessory system operable by either of two suction sources. 2,560,306, July 10.
Rappl, Anton, Eggertsville, assignor to Trico Products Corporation, Buffalo, N. Y. Windshield cleaner. 2,562,819, July 31.
Rappl, Anton, Eggertsville, assignor to Trico Products Corporation, Buffalo, N. Y. Windshield cleaner. 2,576,809, Nov. 27.
Rappl, Anton, Eggertsville, and M. Bitzer, Kenmore, assignors to Trico Products Corporation, Buffalo, N. Y. Windshield clearing system. 2,540,290, Feb. 6.
Rappl, Anton, Eggertsville, and M. H. Thomson, Williamsville, assignors to Trico Products Corporation, Buffalo, N. Y. Window operator. 2,555,859, June 5.
Rappl, Anton, Eggertsville, and M. Bitzer, Kenmore, assignors to Trico Products Corporation, Buffalo, N. Y. Windshield cleaner. 2,563,068, Aug. 7.
Rappl, Anton, Eggertsville, and E. C. Horton, Hamburg, assignors to Trico Products Corporation, Buffalo, N. Y. Motor vehicle accessory system and pump therefor. 2,564,173, Aug. 14.
Rapuano, Doris H., administratrix: *See*—
Rapuano, Henry J.
Rapuano, Henry J., deceased, Milford, Conn., by Doris H. Rapuano, administratrix, New Haven, assignor to United Aircraft Corporation, East Hartford, Conn. Cooling system for aircraft engines. 2,553,675, May 22.
Rapuano, Robert A., Cambridge, Mass., assignor, by mesne assignments, to the United States of America as represented by the Secretary of the Navy. Test set for radar apparatus. 2,549,385, Apr. 17.
Raqué, Arthur E., Demarest, N. J., assignor to Watson Elevator Company, New York, N. Y. Elevator door operating mechanism. 2,572,196, Oct. 23.
Rare-Galen, Inc., assignee: *See*—
Miskel, John J., and Rassner.

Rasaka, Lawrence J., and J. R. Gaines, Sacramento, Calif; said Gaines assignor to said Rasaka. Corer with depth gauge. 2,549,008, Apr. 17.

Räsänen, Veikko V. K., Munkkiniemi, Finland. Furnace baffle for removal of fly ash. 2,577,268, Dec. 4.

Rasbach, Melvin J., Wichita, Kans. Spring caster for trailers and the like. 2,564,996, Aug. 21.

Raser, William H., Jr., St. Petersburg, Fla. Helicopter. 2,568,363, Sept. 18.

Rashal, Jacob: *See*—
Gersten, Samuel B., and Rashal.

Rashevsky, Michael, and R. A. Baudry, Pittsburgh, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Spring-mounting for turbogenerator stators. 2,561,994, July 24.

Rashleigh, Leonard J., and O. B. Crowell, Toronto, Ontario, Canada. Voice device for drinking-wetting dolls. 2,538,845, Jan. 23.

Rasine, Bernard W., Chicago, Ill. Pivoting holder for cameras and the like. 2,556,598, June 12.

Raskin, Archie, Englewood, N. J. Intermittent claw type feeding means for motion-picture drive mechanisms. 2,552,457, May 8.

Rasmusen, Reidar P. C., Akron, Ohio, assignor to The Babcock & Wilcox Company, Rockleigh, N. J. Automatic stud welder with integral transformer. 2,542,093, Feb. 20.

Rasmussen, Christian O., assignor to Simplex, Copenhagen, Denmark. Washing and drying machine. 2,574,798, Nov. 13.

Rasmussen, Herbert E.: *See*—
Klimitas, Frank A., and Rasmussen.

Rasmussen, Olaf, Port Clinton, Ohio. Safety razor. 2,549,130, Apr. 17.

Rasmussen, Robert, Detroit, Mich., assignor, by mesne assignments, to The Air Preheater Corporation, New York, N. Y. Air preheater control system. 2,570,859, Oct. 9.

Rasmussen, Sophus: *See*—
Stempel, Edward H., and Rasmussen.

Rasmussen, Volney K., Pasadena, Calif., assignor to the United States of America as represented by the Secretary of the Navy. Rocket fuse. 2,544,860, Mar. 13.

Rasmusson, Marlin B., assignor to Vitafreze Equipment, Inc., Sacramento, Calif. Confection making apparatus. 2,559,463, July 3.

Raspet, Rudolph, Baltimore, Md. Sensitive instrument bearing. 2,537,088, Jan. 9.

Raspet, Rudolph, Baltimore, Md. Temperature compensation means for magnetic field balances. 2,550,719, May 1.

Rassner, Louis: *See*—
Miskel, John J., and Rassner.

Rast, Julius H.: *See*—
Williams, John J., and Rast.

Rastler, Frank, Renton, Wash. Single action fishing reel having a combined friction drag and brake. 2,548,174, Apr. 10.

Ratchford, Harry L., Muncie, Ind. Clothespin. 2,543,336, Feb. 27.

Ratchford, William P., Philadelphia, Pa., and Martin L. Fein, Riverside, N. J. Device for automatic regulation of fluid pressure. 2,536,089, Jan. 2.

Ratchford, William P., Philadelphia, and C. H. Fisher, Abington, Pa., assignors to The United States of America as represented by the Secretary of Agriculture. Purification of certain water-soluble hydroxycarboxylic acids. 2,539,472, Jan. 30.

Ratchford, William P., Philadelphia, and C. H. Fisher, Abington, Pa., assignors to the United States of America as represented by the Secretary of Agriculture. Preparation of N,N-diethyllactamide. 2,539,473, Jan. 30.

Ratcliffe, Alfred, and G. W. Talbot, Buxton, England, assignors to Imperial Chemical Industries Limited. Machine for washing minerals and ores. 2,570,072, Oct. 2.

Ratcliffe, Temple W.: *See*—
Harter, Isaac, Jr., and Ratcliffe.

Ratcliffe, Temple W., Westfield, assignor to The Babcock & Wilcox Company, Rockleigh, N. J. Castable refractories. 2,558,782, July 3.

Ratelband, Johannes B., Barendrecht, Netherlands. Check valve. 2,576,810, Nov. 27.

Ratermann, Charles P. F., Hamilton, Mont. Cleaning apparatus for poultry laying batteries. 2,565,521, Aug. 28.

Rath, Harry F., Glen Flora, Wis. Rake with adjustably connected bottom and back panels. 2,544,861, Mar. 13.

Rath, Karl: *See*—
Rossmann, Peter F., and Rath.

Rath, Karl, New York, N. Y. System of photoelectric exposure control. 2,573,729, Nov. 6.

Rath, Lee A., Harrold, assignor of one-third to V. J. Jones, one-sixth to F. E. Smith, and one-sixth to N. A. Bickley, Abilene, Tex. Tree eradicator and subsoiler. 2,576,361, Nov. 27.

Rath, Walter, Dorset, Vt. Automatic timing device. 2,559,796, July 10.

Rathbun, George D., Manhattan, Kans. Voting machine. 2,563,273, Aug. 7.

Rathbun, Harold J.: *See*—
Griffes, Milton W., and Rathbun.

Rathbun, Kenneth C., Clemson, S. C., assignor to Eastman Kodak Company, Rochester, N. Y. Apparatus for forming colloidized plastics. 2,571,760, Oct. 16.

Rathenau, Gerhard: *See*—
Horowitz, Alexandre, and Rathenau.

Rathert, Walter H., Klickitat, and C. A. Wilson, Glenwood, Wash., assignors to J. Neils Lumber Company, Portland, Oreg. Log bucking chain saw. 2,549,236, Apr. 17.

Rathert, Walter H., Klickitat, L. Wilson, H. L. Murray, and C. A. Wilson, Glenwood, Wash., and D. W. Martin, Coeur d'Alene, Idaho, assignors to J. Neils Lumber Company, Portland, Oreg. Log bucking chute. 2,563,867, Aug. 14.

Rathke, Harry C.: *See*—
Grupp, Alfred F., Rathke, Talan, and Watts.

Rathke, Harry C., assignor to The Meyercord Co., Chicago, Ill. Decalcomania and applying same. 2,578,150, Dec. 11.

Rathmann, Robert L., Tranquillity, Calif. Filter system. 2,566,633, Sept. 4.

Rathmell, Frank F., Wynnewood, Pa. Fisherman's knife. 2,573,601, Oct. 30.

Ratigan, J. P., Inc., assignee: *See*—
Ratigan, James P.

Ratigan, James P., assignor to J. P. Ratigan, Inc., Los Angeles, Calif. Jaw face for pipe tongs. 2,545,630, Mar. 20.

Ratigan, James P., assignor to J. P. Ratigan, Inc., Los Angeles, Calif. Grip for polish rods. 2,551,636, May 8.

Ratliff, Arthur D., Chattaroy, assignor of fifty per cent to J. T. Wainwright, Deer Park, Wash. Hackamore. 2,572,517, Oct. 23.

Ratliff, William C., Dallas, Tex. Toggle-actuated sliding-jaw wrench. 2,536,463, Jan. 2.

Ratner, Jacob D., assignor to Novocol Chemical Mfg. Co., Inc., Brooklyn, N. Y. Machine for rinsing ampoules and the like. 2,536,695, Jan. 2.

Ratsey, Osbert L.: *See*—
Laws, Cecil A., Pumphrey, Ratsey, and Watson.

Rattray, George, Mineola, N. Y., assignor to Mergenthaler Linotype Company. Panoramic sight. 2,546,111, Mar. 20.

Rau, David W.: *See*—
Peters, Carl E., and Rau.

Rau, Earl W., Tacoma, Wash. Cover for poultry drinking troughs. 2,549,237, Apr. 17.

Rau, Harry A., assignor to Crown Cork & Seal Company, Inc., Baltimore, Md. Container capping apparatus with means to retard actuation of the capping head until the container is stationary under said head. 2,556,339, June 12.

Raught, Arthur V., Rockford, Ill., assignor to J. I. Case Company, Racine, Wis. Disk bearing. 2,557,562, June 19.

Rauglas, Gerard, Chicago, Ill. Safety razor. 2,546,405, Mar. 27.

Rauglas, Gerard, Chicago, Ill. Razor blade. 2,546,406, Mar. 27.

Rauglas, Gerard, Kankakee, Ill. Trailer awning. 2,573,060, Oct. 30.

Rauh, Ervin P.: *See*—
Rivard, Lawrence B., and Rauh.

Rauland Corporation, The, assignee: *See*—
Melcher, Walter P., and Voelz.
Pakswer, Serge, and Schmidt.
Probeck, Charles J.
Szegho, Constantin S.
Szegho, Constantin S., and Boeing.
Szegho, Constantin S., and Polanyi.

Raulston, James L., South Pittsburg, Tenn. Gas burner, including internal fuel distributor. 2,550,296, Apr. 24.

Rauschenberg, Clarence H., Washington, D. C. Seat cover and cushion. 2,567,402, Sept. 11.

Rauscher, Frank J., St. Paul, Minn. Ironing board clothes guard. 2,564,627, Aug. 14.

Rauscher, Joseph C., Sr., Rochester, N. Y. Portable lifting jack. 2,557,465, June 19.

Rausenberger, Larence E., assignor to The Steel Products Engineering Company, Springfield, Ohio. Filler cap assembly. 2,564,232, Aug. 14.

Raven, Albert L., Mount Vernon, N. Y. Projection screen support. 2,571,382, Oct. 16.

Ravenscroft, Arthur W.: *See*—
Carter, Charles, and Ravenscroft.

Ravenscroft, Arthur W., Frodsham, England, assignor to Imperial Chemical Industries Limited. Electrode support for electrolytic cells. 2,542,056, Feb. 20.

Ravera, Michele, Genova, Italy. Condition-responsive apparatus for calling preselected telephone numbers. 2,542,880, Feb. 20.

Ravilious, Paul F., Wilmington, Del. Differential screw adjustment. 2,565,628, Aug. 28.

Raviolo, Victor G.: *See*—
Haynes, Alex L.

Ravnestad, Andreas J.: *See*—
Oppegaard, Assur G., and Ravnestad.
Ravoire, René, Isere, France, assignor of fifty one-hundredths to G. N. Moore, South Natick, Mass. Apparatus for teaching and practicing skiing. 2,573,808, Nov. 6.
Rawles, William T., Pittsfield, Mass., assignor to the United States of America as represented by the Secretary of the Interior. Apparatus for electrowinning or electroplating of metals. 2,543,059, Feb. 27.
Rawlings, Arthur L., New York, N. Y., assignor to The Sperry Corporation. Vibratory stable reference apparatus. 2,552,650, May 15.
Rawlins, Albert L., Grosse Pointe Woods, assignor to Parke, Davis & Company, Detroit, Mich. Aqueous solutions of vitamin A esters. 2,541,285, Feb. 13.
Rawlins, Albert L., Grosse Pointe Woods, assignor to Parke, Davis & Company, Detroit, Mich. Aminoalkylated diamino diphenyl sulfones. 2,561,948, July 24.
Rawlins, Albert L., Grosse Pointe Woods, and H. M. Crooks, Jr., assignors to Parke, Davis & Company, Detroit, Mich. Long chain tertiary alkyl amine-penicillin salts and preparation thereof. 2,557,762, June 19.
Rawlins, Herbert L.: *See*—
Sandin, Jerome, and Rawlins.
Wallace, James M., Rawlins, Cumming, and Aspey.
Rawlins, Herbert L., Edgewood, and H. H. Fahnoe, Wilkinsburg, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Circuit interrupter. 2,567,236, Sept. 11.
Rawlins, Herbert L., Pittsburgh, and J. M. Wallace, Braddock, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Circuit interrupter. 2,549,336, Apr. 17.
Rawlins, Herbert L., Pittsburgh, and J. M. Wallace, East McKeesport, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Overvoltage protective device. 2,550,124, Apr. 24.
Rawlins, Herbert L., Thomson, Ill., and G. W. Weaver, Spokane, Wash. Anchor for decoy ducks. 2,555,815, June 5.
Rawlins, Herbert L., Pittsburgh, and J. M. Wallace, Braddock, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Circuit interrupter. 2,562,391, July 31.
Rawlplug Company, Inc., The, assignee: *See*—
Gelpcke, Alfred W.
Rawlplug Company, Limited, The, assignee: *See*—
Taylor, Cecil A., and Hibbert.
Rawson, Arthur J.: *See*—
James, David T., and Rawson.
Rawson, Harold R., Downers Grove, Ill. Thermostatic window ventilator. 2,552,735, May 15.
Ray, Charles R.: *See*—
Thompson, Joseph S., and Ray.
Ray, Charles R., Sausalito, assignor to Pacific Electric Manufacturing Corporation, San Francisco, Calif. Electromagnetic operating and control system. 2,548,060, Apr. 10.
Ray, Charles T.: *See*—
Preising, William J., and Ray.
Ray, Don, Beverly Hills, Calif. Filing machine having a flexible bag enclosure with spaced ribs to provide a bag support and passageways externally of the bag. 2,565,045, Aug. 21.
Ray, Felbert A., Stephenville, Tex. Awning structure. 2,577,482, Dec. 4.
Ray, Gardner C., Bartlesville, Okla., assignor to Phillips Petroleum Company. Removal of acetylene from hydrocarbon mixtures. 2,548,619, Apr. 10.
Ray, Gardner C., Bartlesville, Okla., assignor to Phillips Petroleum Company. Selective conversion of alkyne hydrocarbons. 2,564,278, Aug. 14.
Ray, Gardner C., and E. O. Box, Jr., Bartlesville, Okla., assignors to Phillips Petroleum Company. Recovery of olefin hydrocarbons. 2,557,923, June 26.
Ray, George P. and W. N., Queens Village, N. Y. Adjustable and nonslotted extension member for doors. 2,579,861, Dec. 25.
Ray, Harry S., Hollywood, Calif. One person seesaw. 2,544,106, Mar. 6.
Ray, Helen M., and R. A. Ray, Kenosha, Wis., said Ralph A. Ray assignor by decree of distribution to said Helen M. Ray. Cooking range rack mainpulator. 2,571,943, Oct. 16.
Ray, James L., Elm Grove, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Gas turbine system. 2,547,093, Apr. 3.
Ray, James L., Elm Grove, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Combustion chamber with rotating fuel and air stream surrounding a flame core. 2,579,614, Dec. 25.
Ray, James L., Long Beach, Calif., assignor, by mesne assignments, to General Electric Company, Schenectady, N. Y. Gas turbine with throttling air turbine in compressor intake. 2,565,324, Aug. 21.
Ray, John W., Nashville, Tenn. Drill carriage assembly. 2,546,957, Mar. 27.
Ray, Ned: *See*—
Miner, William W., Jr., Ray, and Owens.
Ray, Neil H.: *See*—
Buckley, Gerard D., and Ray.
Ray, Philip A.: *See*—
Borglin, Joseph N., and Ray.
Ray, Ralph A.: *See*—
Ray, Helen M., and R. A.
Ray, Robert H., Co., assignee: *See*—
Frowe, Eugene W.
Ray, Sam W., Dallas, Tex. Automatic clothesline. 2,547,777, Apr. 3.
Ray, William A., Glendale, Calif., assignor to General Controls Co. Electromagnetically operated valve. 2,550,297, Apr. 24.
Ray, William A., North Hollywood, Calif., assignor to General Controls Co. Thermocouple. 2,536,464, Jan. 2.
Ray, William A., North Hollywood, assignor to General Controls Co., Glendale, Calif. Core structure for electromagnets. 2,548,239, Apr. 10.
Ray, William A., North Hollywood, assignor to General Controls Co., Glendale, Calif. Expansion valve. 2,550,022, Apr. 24.
Ray, William A., North Hollywood, assignor to General Controls Co., Glendale, Calif. Fluid control valve. 2,557,514, June 19.
Ray, William A., North Hollywood, Calif., assignor to General Controls Co. Gas burner system with automatic pilot burner control. 2,558,267, June 26.
Ray, William A., North Hollywood, assignor to General Controls Co., Glendale, Calif. Liquid sampler. 2,558,387, June 26.
Ray, William A., North Hollywood, assignor to General Controls Co., Glendale, Calif. Plunger type solenoid with casing. 2,562,392, July 31.
Ray, William A., North Hollywood, assignor to General Controls Co., Glendale, Calif. Safety shutoff control system for gas burners. 2,566,372, Sept. 4.
Ray, William A., North Hollywood, Calif., assignor to General Controls Co. Safety valve structure for fuel burners. 2,567,123, Sept. 4.
Ray, William A., North Hollywood, assignor to General Controls Co., Glendale, Calif. Manual-reset control device. 2,570,593, Oct. 9.
Ray, William A., North Hollywood, assignor to General Controls Co., Glendale, Calif. Thermal valve operator. 2,572,386, Oct. 23.
Ray, William N.: *See*—
Ray, George P. and W. N.
Ray, William R., Los Angeles, Calif. Oil burner with rotary combustion chamber. 2,568,763, Sept. 25.
Raya, Julian J., Los Angeles, Calif. Hairbrush cleaner. 2,564,721, Aug. 21.
Raybestos-Manhattan, Inc., assignee: *See*—
Batchelor, Clyde S.
Batchelor, Clyde S., and Carey.
Batchelor, Clyde S., and Stanley.
De Laney, Disney R.
Kuzmick, Joseph N.
Novak, Izador J., and Palm.
Raybin, Murray, Bronx, N. Y. Tooth cleaning and gum massaging implement. 2,544,396, Mar. 6.
Rayburn, Alden G., Sausalito, Calif. Container. 2,572,387, Oct. 23.
Rayburn, Clarence W., West Palm, Fla. Fastening peg. 2,576,238, Nov. 27.
Rayburn, Vincent A.: *See*—
Bonnett, Gerson, Rayburn, and Robson.
Rayburn, Vincent A., Baltimore, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Impregnating apparatus. 2,539,549, Jan. 30.
Rayburn, Vincent A., Baltimore, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Conveyer for handling tacky material. 2,546,318, Mar. 27.
Rayburn, Vincent A., and D. C. Robson, Baltimore, Md., assignors to Western Electric Company, Incorporated, New York, N. Y. Conveying and weighing apparatus. 2,541,610, Feb. 13.
Rayburn, Vincent A., and D. C. Robson, Baltimore, Md., assignors to Western Electric Company, Incorporated, New York, N. Y. Conveyer unloader. 2,546,373, Mar. 27.
Rayburn, Vincent A., and D. C. Robson, Baltimore, Md., assignors to Western Electric Company, Incorporated, New York, N. Y. Conveyer. 2,546,374, Mar. 27.
Raymick, John D., Pine Bluff, Ark. Draft gear jack. 2,578,264, Dec. 11.
Raymond, Albert L.: *See*—
Saunders, Francis J., and Raymond.
Raymond Concrete Pile Company, assignee: *See*—
Boschen, Henry C.
Parrett, John T.
Raymond Engineering Laboratory, Inc., assignee: *See*—
Campbell, Paul J.
Raymond, Eugene, Los Angeles, Calif. Dispenser. 2,556,599, June 12.
Raymond, Frank E., Surry, N. H., assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Compartment lock. 2,573,061, Oct. 30.
Raymond, Gwynne: *See*—
Smith, Arthur J., and Raymond.
Raymond, Gwynne, and V. C. Harris, Oklahoma City, Okla., assignors to Black, Sivalls & Bryson, Inc., Kansas City, Mo. Tool for applying repair plates to pipe lines. 2,557,202, June 19.
Raymond, Henri, Guissales by Vindelle, France. Coupling device. 2,563,366, Aug. 7.
Raymond, Jerry W., Wenatchee, Wash. Slide action attachment for shot guns and rifles. 2,552,214, May 8.

Raymond Laboratories, Inc., assignee: *See—*
Den Beste, Marion, and Reed.
Reed, Raymond E., Tenenbaum, and Den Beste.
Raymond, Morris, Brooklyn, N. Y. Collapsible chair or stool. 2,544,615, Mar. 6.
Raymond, Richard C., State College, Pa., assignor to the United States of America as represented by the Secretary of War. Radio-frequency switching device. 2,555,154, May 29.
Raymond, Thomas E., assignor to Simplex Engineering Company, Zanesville, Ohio. Relief valve. 2,564,815, Aug. 21.
Raymond, Winthrop H., and W. H. Harper, assignors to C. W. Cooley, Lewistown, Mont. Percentage and profit computer. 2,555,293, May 29.
Rayner, Leonard M., Cooperstown, N. Y. Flexible harrow. 2,552,736, May 15.
Rayonier Incorporated, assignee: *See—*
Holloway, Judson H., Tabke, and Parrett.
Mitchell, Reid L.
Parrett, Arthur N.
Ray-O-Vac Company, assignee: *See—*
Wengel, Arthur M., and Sadler.
Raytheon Manufacturing Company, assignee: *See—*
Argento, Henry F.
Barttro, James L.
Batchelder, Laurence.
Becker, Carl W.
Brown, William C.
Brown, William C., and Stacy.
Burkholder, Theodore M.
Chandler, Gordon E.
Coffin, David D., and Cook.
Dawson, John W.
Dawson, John W., and Faulk.
Derby, Palmer P.
Doremus, John A.
Faulk, Donald P.
Fryklund, Robert A.
Fryklund, Robert A., and Gorton.
Gardner, Bernard C.
Gauld, Brownlee B.
Goldsmith, Joseph.
Hall, William M.
Hergenrother, Rudolf C.
Kelmperer, Hans.
Kienow, Orwald E.
Klemperer, Hans.
Lagerlof, Karl G.
Lissman, Marcel A.
MacKenzie, Kenneth W., and Andrews.
Mofenson, Jack.
Molton, Howard R.
Reitz, Lewis P., Jr.
Riblet, Henry J.
Rich, Stanley R.
Rubin, Milton D.
Sanders, Royden C., Jr., and Mercer.
Schmidt, Robert C.
Shropshire, Ralph F.
Skudre, Arnold M.
Spencer, Percy L.
Stiefel, Karl J.
Stolberg, Sven A.
Stutsman, Paul W.
Turner, Edwin E., Jr.
Walstrom, John E.
Wellons, Richard S.
Westcott, Vernon C.
Razdowitz, Adolph: *See—*
Yardeny, Michel N., and Razdowitz.
Razdowitz, Adolph, New York, N. Y. Rotary joint. 2,557,140, June 19.
Razee, Arthur H.: *See—*
Beiley, Irving, and Razee.
Rea, Herman K.: *See—*
Frank, Joseph J., and Rea.
Rea, Thomas K., assignor to Cocker Machine and Foundry Company, Gastonia, N. C. Yarn package support. 2,574,285, Nov. 6.
Rea, Wilton T.: *See—*
Bascom, Henry M., Massonneau, Ostendorf, and Rea.
Ostendorf, Bernard, Jr., and Rea.
Rea, Wilton T., Manhasset, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telegraph hub repeater. 2,539,550, Jan. 30.
Rea, Wilton T., Manhasset, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telegraph hub circuit repeater. 2,539,551, Jan. 30.
Rea, Wilton T., Manhasset, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electronic hub type telegraph repeater. 2,558,197, June 26.
Reach, Milton B., Springfield, Mass. Field for playing golf. 2,577,690, Dec. 4.
Reaction Motors, Inc., assignee: *See—*
Neu, Edward A., Jr.
Read, Arthur, Portland, Oreg., assignor to H. F. Phillips, Piedmont, Calif. Carton. 2,570,982, Oct. 9.
Read, Charles E.: *See—*
Spiess, Roy G., Jr., and Read.
White, Glenn L., and Read.
Read, Donald G., Conneaut, Ohio. Water well cap. 2,562,946, Aug. 7.
Read, Elkins, Pottsville, Pa. Flexible tray conveyer. 2,548,061, Apr. 10.
Read, Eugene V., Grand Junction, Colo. Mobile wedge prier. 2,553,112, May 15.
Read, John R.: *See—*
Judson, Charles A., Read, and Hunter.
Read, Harold L.: *See—*
Mills, Albert W., Furman, and Read.
Read, Norman J., Greenford, assignor to Goodlass Wall & Lead Industries Limited, Oxted, England. Manufacture of lead silicate. 2,563,367, Aug. 7.
Read Standard Corporation, assignee: *See—*
Fitts, George R., and Low.
Kane, John.
Martin, Eugene.
Rhodes, Herbert C.
Temple, Hiram E.
Read, Thomas A., and H. I. Fusfeld, Philadelphia, Pa. Automatic volume control. 2,552,586, May 15.
Read, William T., executor: *See—*
Hoeber, Harold.
Reading Hardware Corporation, assignee: *See—*
Sullivan, Robert J.
Reading, Harry J., Steubenville, Ohio, assignor to National Steel Corporation. Method of and apparatus for electroplating. 2,569,577, Oct. 2.
Reading, Oliver S., Washington, D. C. Coordinate setting machine and measuring apparatus. 2,570,275, Oct. 9.
Readman, Bernard L.: *See—*
Gardiner, Duncan B., and Readman.
Ready, David E., Berkeley, Calif. Garage turntable. 2,566,634, Sept. 4.
Ready, Ralph K., Saginaw, Mich. Glass particle dispensing device. 2,546,702, Mar. 27.
Reagan, Helen C., assignee: *See—*
Brady, Robert H., and Birkner.
Reagan, Maurice E., Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Ground protective system. 2,542,838, Feb. 20.
Ream, Fred H., Montgomery County, Ohio. Rotating cutting-reel type mower. 2,539,794, Jan. 30.
Ream, Vincent A., Greenville, Ohio. Warm air radiant heated brooder system. 2,560,246, July 10.
Reamer, Thomas E., Albany, assignor to Shell Development Company, San Francisco, Calif. Anticorrosion composition. 2,562,845, July 31.
Reardon, Joseph D., Buffalo, N. Y., assignor to American Optical Company, Southbridge, Mass. Microscope gauge and optical system therefor. 2,538,846, Jan. 23.
Reasenberg, Julian R., Brooklyn, N. Y., assignor to Mizzy, Inc. Method and solution for producing insecticidal aerosols. 2,559,091, July 3.
Reaser, William A., Toledo, E. A. Ziems, Rossford, Ohio, and J. M. Christman, Grosse Pointe, Mich., assignors to The Sun Tool & Machine Company, Toledo, Ohio. Machine for edge grinding plates. 2,579,337, Dec. 18.
Reason, Richard E., assignor to Taylor, Taylor & Hobson Limited, Leicester, England. Electromagnetic detector device for use in measuring apparatus. 2,562,640, July 31.
Reason, Ronald P., Keithsburg, Ill., assignor to D. M. Smalley, Cedar Rapids, Iowa. Heated tractor seat. 2,567,349, Sept. 11.
Reasor, Gerald L., Chicago, Ill. Removal of spent wood chips from extractors used in rosin recovery processes. 2,549,522, Apr. 17.
Reaves, Claude H., and G. B. Long, Sr., Tampa, Fla. Live center chuck. 2,555,419, June 5.
Reaves, Robert S., La Crosse, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Tractor mounted cultivator. 2,560,702, July 17.
Reber, Clarence G., Newington, Conn., and S. Dalzell, III, Brookline, Mass., assignors to Plax Corporation, West Hartford, Conn. Apparatus and method for producing gusseted plastic tubing. 2,544,044, Mar. 6.
Rebitzer, Fred E., Chicago, Ill. Pivoted compass or dividers. 2,552,868, May 15.
Rebora, Stephen F., Chicago, Ill., assignor to J. C. Morrell, Chevy Chase, Md. Cosmetic package. 2,557,141, June 19.
Rebotsky, Joseph T., Los Angeles, assignor of one-half to F. W. Snellings, Compton, Calif. Snap hook. 2,565,268, Aug. 21.
Rebstock, Mildred C.: *See—*
Crooks, Harry M., Jr., Rebstock, Controulis, and Bartz.
Rebut, Jacques A. L., and P. Cherigié, assignors to La Cellophane, Paris, France. Constant tension drive for web reels. 2,563,660, Aug. 7.
Recchia, Edmund, assignee: *See—*
Ferragamo, Henry.
Reck, Hilbert W., Elgin, Ill. Wheel suspension. 2,557,763, June 19.
Recker, Florian B., Hopkinton, Iowa. Two-way speed reducing unit. 2,561,755, July 24.
Recker, Kenneth H., Winter Haven, Fla. Wax-coating beans and carrots. 2,560,820, July 17.
Recksiek, Elma, executrix: *See—*
Heber, Michael.

Reconstruction Finance Corporation, assignee: *See*—
Atwood, Harry D.
Barnard, Randolph H.
Brockman, Emory W., and Parsons.
Cabot, Deane A., and De Santis.
De Santis, Fausto G.
Frieder, Leonard P., and Finken.
Gibson, George M.
Grayson, John H.
McMain, Albert T., Malesky, and Skaggs.
Melas, William.
Reid, Wiley H.
Saul, Samuel, Jr.
Record Files, Inc., assignee: *See*—
Regenhardt, Hans W.
Regenhardt, Hans W., and Beno.
Record, Wendell, Atlanta, Ga. Smoking pipe. 2,551,290, May 1.
Recordgraph Corporation, assignee: *See*—
Hart, Frederick H. M.
Smith, Thomas C., Hart, and Freer.
Steed, Edgar L.
Records, Edward L.: *See*—
Records, Elmer H. and E. L.
Records, Elmer H. and E. L., Tacoma, Wash. Viscosity breaker and dirt remover. 2,543,378, Feb. 27.
Recourt, Johannes C. A.: *See*—
Leeuwin, Max, and Recourt.
Recourt, Johannes C. A., Eindhoven, Netherlands, assignor to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Antivibrating driving coupling between radio chassis and variable condenser mounted thereon. 2,539,033, Jan. 23.
Rector, Thomas M., Morristown, and A. F. Stagmeier, Upper Montclair, N. J., assignors to General Foods Corporation, New York, N. Y. Aerosol insecticide dispenser. 2,536,221, Jan. 2.
Reda Pump Company, assignee: *See*—
Arutunoff, Armais.
Redard, Robert: *See*—
Fromageot, Antoine, Lalande, and Redard.
Redard, Robert A., and A. Fromageot, Paris, France, assignors to International Standard Electric Corporation, New York, N. Y. Transmission over cables by means of frequency modulation. 2,539,474, Jan. 30.
Redd, Thomas J., Tulsa, Okla. Back pressure safety valve. 2,574,061, Nov. 6.
Red Devil Tools, assignee: *See*—
Fancher, John H.
Wyman, Guy. C.
Redding, Arnold H.: *See*—
Christensen, Willard L., and Redding.
Redding, Arnold H., Swarthmore, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Gas turbine propeller apparatus. 2,541,098, Feb. 13.
Redding, Arnold H., Swarthmore, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Flow apparatus. 2,570,155, Oct. 2.
Redding, Charles S., Louisville, Ky. Backboard and hoop toy. 2,570,860, Oct. 9.
Redding, Daniel P., Kansas City, Mo. Instrument adapted to compare heat areas for determining subluxations. 2,546,275, Mar. 27.
Redding, Daniel P., Kansas City, Mo. Instrument for determining subluxations in the spine of a patient. 2,546,276, Mar. 27.
Redding, Edward M., U. S. Navy. Fuel control system for turbojet engines. 2,566,373, Sept. 4.
Redding, Howard, Seattle, Wash. Fishline sinker. 2,539,162, Jan. 23.
Redding Manufacturing Company, Inc., assignee: *See*—
Ryan, Albert O.
Reddy, Margaret M., Chattanooga, Tenn. Millinery. 2,566,635, Sept. 4.
Rede, George R.: *See*—
Boyajian, Clement L., Rede, and Dimond.
Redemske, Ralph F., Huntington Station, N. Y., assignor to Fairchild Camera and Instrument Corporation. Gyrostabilizing system. 2,553,786, May 22.
Redenback, Louis, Oxford, N. Y. Body supported portable tree-tapping machine. 2,566,464, Sept. 4.
Reder, Robert, assignor to Monogram Models, Inc., Chicago, Ill. Wing construction for model airplanes. 2,560,742, July 17.
Redfairn, O. N., assignee: *See*—
Goldsmith, Walter N.
Redfern, Donald V.: *See*—
Keaton, Clark M., and Redfern.
Redfern, Donald V., assignor to American-Marietta Company, Adhesive, Resin and Chemical Division, Seattle, Wash. Making phenol-aldehyde reaction products and the product thereof. Re. 23,347, Mar. 20.
Redford, John E., Glendale, assignor to Lockheed Aircraft Corporation, Burbank, Calif. Progressive release jettison tank. 2,550,380, Apr. 24.
Redhead, Jack W., Lansing, Mich. Aerodynamic vehicle ornament. 2,564,213, Aug. 14.
Redi Products Corporation, assignee: *See*—
Schulz, Herman R.
Redin, Clifton W., Rockford, Ill., assignor to Bradley Lumber Company of Arkansas, Warren, Ark. Machine for making wood flooring blocks. 2,577,630, Dec. 4.
Redin, Eric, Norrkoping, Sweden. Milking machine rinser. 2,558,628, June 26.
Redin, Eric, Norrkoping, and H. Ryde, Smedslatten, Sweden. Test-milking apparatus. 2,572,518, Oct. 23.
Reding, John A.: *See*—
Bickel, Joseph W., and Reding.
Reding, Marcel: *See*—
Bossard, Werner, and Reding.
Redinger, Clarence V., San Bernardino, Calif. Fish lure. 2,556,634, June 12.
Redington, F. B., Co., assignee: *See*—
Malhiot, Clarence J., and Sramek.
Redi-Rip Company, assignee: *See*—
Lather, Carl.
Red Jacket Manufacturing Co., assignee: *See*—
Bovee, John L., Jr., and Deters.
Deters, Elmer M.
Redlich, Otto, Berkeley, Calif., M. F. Adams, and E. K. Holt, assignors to State College of Washington Research Foundation, Pullman, Wash. Production of aluminum compounds. 2,566,143, Aug. 28.
Redman, William J., Pittsburgh, Pa., assignor to Oil Well Supply Company. Pump valve. 2,559,659, July 10.
Redmon, Bryan C.: *See*—
Kaiser, Donald W., and Redmon.
Redmond, Benjamin, assignor to Chiplets Incorporated, New York, N. Y. Conveyer and cutting mechanism for wrapping machines. 2,568,028, Sept. 18.
Redmond Company, Inc., assignee: *See*—
Monroe, Thomas D.
Morris, George C.
Redmond, John A.: *See*—
Kincaid, Homer F., Graham, Baker, Wharff, and Redmond.
Redmond, Nathan, and J. Halpern, Salford, England. Combination keyless lock. 2,565,825, Aug. 28.
Redmond, William J., Cedar Rapids, Iowa, and E. L. Sayers, Griffin, Ga. Inner guide for visible index systems. 2,568,302, Sept. 18.
Redpath, James E., Oklahoma City, Okla. Safety joint for well swabs. 2,572,388, Oct. 23.
Redrow, Allan R.: *See*—
Williams, Beverly E., and Redrow.
Redward, Dorothy B., Seattle, Wash. Hot and cold water control valve. 2,573,062, Oct. 30.
Ree, Martin J., Sioux Falls, S. Dak. Selective drive for plural conveyers. 2,558,582, June 26.
Reece Corporation, The, assignee: *See*—
Rich, Marion C.
Reece, Franklin A., Brookline, Mass. Stitching machine. 2,555,095, May 29.
Reed, Anne E., assignee: *See*—
Reed, Maurice J.
Reed, Alfred S., assignor to Ripon Knitting Works, Ripon, Wis. Leather soled sock with rearwardly extending toe cap. 2,578,091, Dec. 11.
Reed, Ancil O., Indianapolis, Ind. Stepladder. 2,580,045, Dec. 25.
Reed, Arthur W., Little Rock, Ark. Beverage case. 2,574,983, Nov. 13.
Reed, Charles C.: *See*—
Upham, Sidney D., and Reed.
Reed, Charles E.: *See*—
Schubert, Albert E., and Reed.
Reed, Charles M., East Chicago, Ind. Plastic casket. 2,579,756, Dec. 25.
Reed, Clair S., assignor to Reynolds Spring Company, Jackson, Mich. Cushion construction. 2,536,310, Jan. 2.
Reed, Clifford W., Lakeland, Fla. Drafting machine. 2,572,197, Oct. 23.
Reed, Cortes F., Anoka, assignor to Federal Cartridge Corporation, Minneapolis, Minn. Apparatus for treating plant material. 2,540,348, Feb. 6.
Reed, Denzel W.: *See*—
Morgan, Frank, Reed, and Muskat.
Reed, George R., Grosse Pointe Park, Mich., assignor to Eaton Manufacturing Company, Cleveland, Ohio. Hopper. 2,542,357, Feb. 20.
Reed, George W., Onalaska, assignor to Bump Pump Company, La Crosse, Wis. Rotary seal. 2,555,932, June 5.
Reed, H. B., and Company, assignee: *See*—
Reed, Harold B.
Reed, Harold B., assignor to H. B. Reed and Company, Hammond, Ind. Roofing material. 2,569,134, Sept. 25.
Reed, Harold V., assignor to Borg-Warner Corporation, Chicago, Ill. Clutch release. 2,541,611, Feb. 13.
Reed, Harold V., assignor to Borg-Warner Corporation, Chicago, Ill. Transmission operated control of centrifugal clutch mechanism. 2,555,860, June 5.
Reed, Harold V., assignor to Borg-Warner Corporation, Chicago, Ill. Clutch lever mounting. 2,566,374, Sept. 4.
Reed, Harold V., assignor to Borg-Warner Corporation, Chicago, Ill. Clutch plate. 2,571,291, Oct. 16.
Reed, Harold V., assignor to Borg-Warner Corporation, Chicago, Ill. Clutch plate. 2,573,931, Nov. 6.
Reed, Harry J., Jr., West Lafayette, Ind., assignor, by mesne assignments, to the United States of America as represented by the Secretary of the Navy. Linear delay circuit. 2,574,437, Nov. 6.
Reed, Harry M., Hubbard, Oreg. Truck hoist. 2,565,091, Aug. 21.
Reed, Henry G.: *See*—
Lackey, James C., and Reed.

Reed, Ivan E., Drift, Ky. Pendulum driven hydraulic motor boat propulsion. 2,556,340, June 12.
Reed, James B.: *See*—
Sokoloff, Boris T., and Redd.
Reed, James L., Buffalo, N. Y., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Electric heating system. 2,568,411, Sept. 18.
Reed, John C., Steelton, Pa., assignor to Bethlehem Steel Company. Ingot stool remover and the like. 2,537,788, Jan. 9.
Reed, John C., Jr., Boston, Mass., assignor, by mesne assignments, to the United States of America as represented by the Secretary of War. Tunable cavity oscillator. 2,558,463, June 26.
Reed, John C., Jr., Boston, Mass., assignor, by mesne assignments, to the United States of America as represented by the Secretary of War. Beacon modulator circuit. 2,571,060, Oct. 9.
Reed, John C., Jr., Boston, Mass., assignor, by mesne assignments, to the United States of America as represented by the Secretary of the Navy. Crystal detector superregenerative receiver. 2,578,838, Dec. 18.
Reed, Kenneth H., Saginaw, Mich. Artificial bait. 2,572,817, Oct. 23.
Reed, Kenneth W.: *See*—
Bardsley, Arthur F., and Reed.
Reed, Laurence G.: *See*—
Martin, Mervin E., and Reed.
Reed-Lethbridge, Lily, assignor to William Reed-Lethbridge, New Plymouth, New Zealand. Windscreen wiper. 2,540,407, Feb. 6.
Reed-Lethbridge, William, assignee: *See*—
Reed-Lethbridge, Lily.
Reed, Maurice J., Middletown Township, Monmouth County, assignor of three-eights to A. E. Reed and two-eights to T. J. Eurell, II, Middletown, N. J. Ball point pen. 2,557,563, June 19.
Reed, Merrill, D., assignee: *See*—
Bush, Arthur C.
Reed, Price L., Royersford, assignor to Superior Tube Company, Philadelphia, Pa. Machine for making an electrode assembly. 2,559,547, July 3.
Reed, Raymond E.: *See*—
Den Beste, Marion, and Reed.
Reed, Raymond E., D. Tenenbaum and M. Den Beste, assignors to Raymond Laboratories, Inc., St. Paul, Minn. Treating hair to impart a permanent set thereto. 2,564,722, Aug. 21.
Reed Research, Inc., assignee: *See*—
Thwing, Fordyce L.
Reed, Robert D., assignor to J. S. Zink, Tulsa, Okla. Gas burner with air and flame baffles. 2,560,888, July 17.
Reed, Robert D., and J. S. Zink, Tulsa, Okla., said Reed assignor to said Zink. Gas-fired forced air flow unit heater. 2,570,006, Oct. 2.
Reed, Robert S., Three Rivers, Mich. Reinforced building block. 2,540,349, Feb. 6.
Reed Roller Bit Company, assignee: *See*—
Boice, Elvin G.
Goolsbee, Charles C.
Noble, Wiley B.
Schmid, Paul E.
Stokes, John C.
Van Sittert, Paul, and Speth.
Reed, Sherman K.: *See*—
Miller, William T., Dittman, and Reed.
Reed, Stanley F., Washington, D. C., assignor, by mesne assignments, to Arnot & Company, Inc. Bed or berth structure. 2,550,599, Apr. 24.
Reed, Wade R., Tulsa, Okla. Triple capacity plunger pump. 2,561,227, July 17.
Reed, Walter G.: *See*—
Riddle, Jeter H., and Reed.
Reed, William A., Larchmont, N. Y. Packaging foodstuffs. 2,573,872, Nov. 6.
Reed, William A., Waban, and A. H. Shapiro, Arlington, Mass., assignors to the United States of America as represented by the Secretary of the Navy. Jacketed combustion pot with fuel and air nozzle head. 2,575,070, Nov. 13.
Reed, William M., Flippin, Ark. Air-impelled liquid pump. 2,553,276, May 15.
Reed, William O.: *See*—
Gaffney, Francis J., and Reed.
Reed, Winston H., Radford, Va., and W. A. Pennington, Fayetteville, assignors to Carrier Corporation, Syracuse, N. Y. Producing increased refrigeration. Re. 23,358, Apr. 17.
Reed, Winston H., Radford, Va., and W. A. Pennington, Fayetteville, assignors to Carrier Corporation, Syracuse, N. Y. Refrigerants and refrigeration processes. 2,547,887, Apr. 3.
Reeder, Fred W., and M. E. Ondov, Lorton, Va. Device to facilitate amputee operation of motor vehicles. 2,548,240, Apr. 10.
Reeder, George S.: *See*—
Schulman, Earl L., and Reeder.
Reedy, Alfred J.: *See*—
Lucas, Ralph, and Reedy.
Reedy, Alfred J., Battle Creek, assignor to Detroit Michigan Stove Company, Detroit, Mich. Fence or splash back structure for cooking stoves and ranges. 2,556,555, June 12.
Reedy, Paul H., New York, N. Y., assignor to the United States of America as represented by the Secretary of War. Tuning device. 2,548,819, Apr. 10.
Reef, Albert H., assignee: *See*—
Vogel, Frank.
Reef, Jan, Detroit, Mich. Snap gauge. 2,562,124, July 24.
Reef, Jan, East Detroit, Mich. Gauge. 2,562,125, July 24.
Reefe, Francis E., Chicago, Ill. Illuminated picture frame. 2,549,928, Apr. 24.
Reek, Donald C., Fort Wayne, Ind., assignor to General Electric Company. Motor control. 2,580,242, Dec. 25.
Rees, Clarence A., assignor to Illinois Tool Works, Chicago, Ill. Hood bonding clip. 2,580,321, Dec. 25.
Rees, Frank X., Chili, assignor to General Railway Signal Company, Rochester, N. Y. Coded track circuit signaling system. 2,536,223, Jan. 2.
Rees, Frank X., Chili, assignor to General Railway Signal Company, Rochester, N. Y. Switch circuit controlling device for railroads. 2,543,555, Feb. 27.
Rees, Frank X., Chili, assignor to General Railway Signal Company, Rochester, N. Y. Centralized traffic controlling system. 2,543,869, Mar. 6.
Rees, Frank X., Chili, assignor to General Railway Signal Company, Rochester, N. Y. Centralized traffic controlling system. 2,576,479, Nov. 27.
Rees, Harry A.: *See*—
Marshall, Alec F., and Rees.
Rees, Harry V., Chappaqua, assignor to Texaco Development Corporation, New York, N. Y. Producing synthesis gas. 2,552,737, May 15.
Reese, Francis E., Springfield, Mass., assignor to Monsanto Chemical Company, St. Louis, Mo. Spray drying apparatus. 2,566,292, Aug. 28.
Reese, Henry L., Fort Worth, Tex. Drapery hanger. 2,556,886, June 12.
Reese, Homer R., Ridley Park, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Reheat turbine control apparatus. 2,543,129, Feb. 27.
Reese, Homer R., Ridley Park, and F. A. Meyer, Sharon Hill, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Valve control of reheat turbine installation. 2,540,691, Feb. 6.
Reese, John E.: *See*—
Bishop, William T., Lorand, and Reese.
Lorand, Eugene J., and Reese.
Reese, Kenneth E., Elkhart, Ind. Punch press and the like. 2,572,949, Oct. 30.
Reese, Mark G., Bellevue, assignor to Hydraulic Supply Manufacturing Company. Electronic device for measling the throttle, clutch, and reverse drive mechanism of an internal-combustion motor. 2,561,949, July 24.
Reese, Oliver G., Palmyra, Pa. Kitchen table. 2,547,661, Apr. 3.
Reese, Raymond E., Los Angeles, Calif. Wheel mounting. 2,563,370, Aug. 7.
Reese, Thomas S., University Heights, assignor to The Di-Noc Company, Cleveland, Ohio. Drawing material. 2,536,657, Jan. 2.
Reese, Thomas S., University Heights, Ohio, assignor to The Di-Noc Company. Photosentitive transfer. 2,544,237, Mar. 6.
Reeser, Harry C., North Hollywood, Calif., assignor to The Patent and Licensing Corporation, New York, N. Y. Container. 2,568,204, Sept. 18.
Reeve, Charles S., Leonia, and B. A. Anderton, Cliffside Park, N. J., assignors to Allied Chemical & Dye Corporation, New York, N. Y. Bituminous composition and making the same. 2,542,706, Feb. 20.
Reeve Hurum E. Company, assignee: *See*—
Broce, Leon E.
Reeves, Alec H.: *See*—
Deloraine, Edmond M., and Reeves.
Reeves, Alec H., London, England, assignor to International Standard Electric Corporation, New York, N. Y. Electric signal storage or demodulating circuits. 2,541,099, Feb. 13.
Reeves, Alec H., London, England, assignor to International Standard Electric Corporation, New York, N. Y. Electric pulse translator circuit. 2,541,100, Feb. 13.
Reeves, Alec H., London, England, assignor to International Standard Electric Corporation, New York, N. Y. Multichannel electrical pulse communication system. 2,559,661, July 10.
Reeves, Alec H., and G. H. Hough, London, England, assignors to International Standard Electric Corporation, New York, N. Y. Cold cathode electric discharge tube. 2,577,809, Dec. 11.
Reeves, Donald H., assignor to General Motors Corporation, Dayton, Ohio. Agitator and fan drive mechanism for vacuum cleaners. 2,558,496, June 26.
Reeves, Edgar B., Raymondville, Tex. Horizontally revolving stalk chopper. 2,550,085, Apr. 24.
Reeves, Herbert M., Kankakee, Ill., assignor to Florence Stove Company, Gardner, Mass. Oven door construction. 2,536,956, Jan. 2.
Reeves, Herbert M., Kankakee, Ill., assignor to Florence Stove Company, Gardner, Mass. Sheet-metal top burner for gas cookstoves. 2,539,101, Jan. 23.
Reeves, Herbert M., Kankakee, Ill., assignor to Florence Stove Company, Gardner, Mass. Spring anchoring means for oven doors. 2,547,172, Apr. 3.

Reeves, Herbert M., Kankakee, Ill., assignor to Florence Stove Company, Gardner, Mass. Stove top construction. 2,556,444, June 12.
Reeves, Herbert M., Kankakee, Ill., assignor to Florence Stove Company, Gardner, Mass. Stove top construction. 2,556,445, June 12.
Reeves, Herbert M., Kankakee, Ill., assignor to Florence Stove Company, Gardner, Mass. Sheet-metal oven gas burner. 2,560,777, July 17.
Reeves, Herbert M., Kankakee, Ill., assignor to Florence Stove Company, Gardner, Mass. Space heater. 2,566,033, Aug. 28.
Reeves, Herbert M., Kankakee, Ill., assignor to Florence Stove Company, Gardner, Mass. Sheet metal panel straightening device. 2,571,292, Oct. 16.
Reeves, Herbert M., E. D. Hillebrand, and J. E. North, Kankakee, Ill., assignors to Florence Stove Company, Gardner, Mass. Vaporizing-type oil burner with baffle means therefor. 2,538,911, Jan. 23.
Reeves Instrument Corporation, assignee: *See*—
Bromberg, Eleazer, and Freedman.
Sobel, Charles, and De Giovine.
Reeves, James B.: *See*—
Jones, Jesse E., and Reeves.
Reeves, James B., Whitefish Bay, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Speed control for capacitor-run motors. 2,554,956, May 29.
Reeves, James J., assignor to Columbia Broadcasting System, Inc., New York, N. Y. Color television. 2,538,041, Jan. 16.
Reeves, James J., Parkchester, assignor to Columbia Broadcasting System, Inc., New York, N. Y. Gamma control circuit. 2,552,588, May 15.
Reeves, John L., Washington, D. C. Card table having extendible serving trays. 2,541,779, Feb. 13.
Reeves, Leronzo T., Jr., Evanston, Ill. Volume and temperature controlled faucet. 2,572,661, Oct. 23.
Reeves, Paul B.: *See*—
Michie, John S., and Reeves.
Reeves, Paul B., assignor to Reeves Pulley Company, Columbus, Ind. Self-contained, speed-varying countershaft unit. 2,549,637, Apr. 17.
Reeves, Pierce E., Los Angeles, assignor, by mesne assignments, to The Vapor Recovery Systems Company, Compton, Calif. Remote reading liquid level gauge. 2,536,465, Jan. 2.
Reeves, Pierce E., Los Angeles, Calif., assignor to Zenith Radio Corporation. Television receiver synchronizing system. 2,563,487, Aug. 7.
Reeves Pulley Company, assignee: *See*—
Michie, John S., and Reeves.
Reeves, Paul B.
Reeves Steel and Manufacturing Company, The, assignee: *See*—
Curtis, Rowland G.
Refined Syrups & Sugars, Inc., assignee: *See*—
Paine, Howard S., and Hughes.
Wadsworth, Daniel V., and Owen.
Refinite Corporation, The, assignee: *See*—
Kohler, Robert T., and Spaulding.
Refsdal, Anfinn, Lilleaker, assignor to E. S. Ellingsen, Oslow, Norway. Storing case for a multitude of lengthened objects. 2,563,368, Aug. 7.
Refsdal, Anfinn, Lilleaker, near Oslo, Norway. Pencil. 2,563,551, Aug. 7.
Rega, Fred L., New York, N. Y., and W. E. Hartmann, Millburn, N. J., assignors to Thos. Emery's Sons, Incorporated, Cincinnati, Ohio. Bed structure. 2,559,998, July 10.
Regal Molding Co., Inc., assignee: *See*—
Silberkraus, Sam, and Trojanowski.
Regan Forge and Engineering Company, assignee: *See*—
Minor, Burt S.
Regan, Louis M., and Minor.
Regan, George P., San Francisco, Calif. Stem support for artistic flower arrangements. 2,545,383, Mar. 13.
Regan, Henry, New York, N. Y. Projecting kaleidograph. 2,553,005, May 15.
Regan, Louis M., Wilmington, and B. S. Minor, Whittier, assignors to Regan Forge and Engineering Company, San Pedro, Calif. Pivoted snap hook. 2,559,999, July 10.
Regenhardt, Hans W., Cleveland, assignor to Record Files, Inc., Wooster, Ohio. Follower for filing compartments. 2,557,915, June 19.
Regenhardt, Hans W., Cleveland, assignor to Record Files, Inc., Wooster, Ohio. Interlocking filing case. 2,573,602, Oct. 30.
Regenhardt, Hans W., and G. M. Beno, assignors to Record Files, Inc., Wooster, Ohio. Follower for filing compartments. 2,573,603, Oct. 30.
Regenold, Frederick A., assignor of one-third to T. H. Martin, and one-third to Z. B. Regenold, Memphis, Tenn. Game board with hazard pockets. 2,536,393, Jan. 2.
Regenold, Zula B., assignee: *See*—
Regenold, Frederick A.
Regensburg, Charles P., New York, N. Y. Transparency viewer. 2,543,670, Feb. 27.
Reger, Raymond, assignor to The Pierce Governor Company, Inc., Anderson, Ind. Governor shaft and yoke assembly. 2,540,910, Feb. 6.
Reger, Raymond, assignor to The Pierce Governor Company, Inc., Anderson, Ind. Centrifugal switch structure. 2,558,223, June 26.
Reger, Raymond, assignor to The Pierce Governor Company, Inc., Anderson, Ind. Maintained pressure snap switch. 2,566,534, Sept. 4.
Reger, Scott N., Iowa City, Iowa, assignor to Patent Management, Incorporated, Minneapolis, Minn. Audiometer. 2,537,911, Jan. 9.
Reger, Scott N., Iowa City, Iowa. Bone conducting receiver with electromagnetic vibrator. 2,548,062, Apr. 10.
Reggio, Ferdinando C., Norwalk, Conn. Engine regulating device. 2,542,839, Feb. 20.
Regie Nationale des Usines Renault, assignee: *See*—
Saives, Léon.
Regina Corporation, The, assignee: *See*—
Smith, Courtland N., Jr.
Regina S. A., assignee: *See*—
Ancet, Victor M. J.
Regional Sales Company, assignee: *See*—
Anderson, James E.
Reglin, Charles R.: *See*—
Mathews, S. J., Jr., Richardson, Hurley, and Reglin.
Regna, Peter P., West New York, N. J., and I. A. Solomons, Jackson Heights, assignors to Chas. Pfizer & Co., Inc., Brooklyn, N. Y. Recovery of streptomycin. 2,537,941, Jan. 9.
Regna, Peter P., West New York, N. J., and I. A. Solomons, III, Jackson Heights, assignors to Chas. Pfizer & Co., Inc., Brooklyn, N. Y. Recovery of streptomycin from fermentation broths. 2,538,847, Jan. 23.
Regna, Peter P., West New York, N. J., and I. A. Solomons, III, Jackson Heights, assignors to Chas. Pfizer & Co., Inc., Brooklyn, N. Y. Recovery of streptomycin from orange II salt. 2,555,760, June 5.
Regna, Peter P., West New York, N. J., and I. A. Solomons, III, Jackson Heights, assignors to Chas Pfizer & Co., Inc., Brooklyn, N. Y. Recovery of streptomycin from naphthol blue-black salt. 2,555,761, June 5.
Regna, Peter P., Woodcliff, N. J., I. A. Solomons, III, Jackson Heights, and R. Pasternack, Islip, assignors to Chas. Pfizer & Co., Inc., Brooklyn, N. Y. Recovery of streptomycin from orange II salt. 2,555,762, June 5.
Regna, Peter P., Woodcliff, N. J., I. A. Solomons, III, Jackson Heights, and R. Pasternack, Islip, assignors to Chas. Pfizer & Co., Inc., Brooklyn, N. Y. Recovery of streptomycin from naphthol blue-black salt. 2,555,763, June 5.
Regna, Peter P., Woodcliff, N. J., and I. A. Solomons, III, Jackson Heights, assignors to Chas. Pfizer & Co., Inc., Brooklyn, N. Y. Recovery of bacitracin from fermentation broths. 2,556,375, June 12.
Regna, Peter P., Woodcliff, N. J., and I. A. Solomons, III, Garden City, assignors to Chas. Pfizer & Co., Inc., New York, N. Y. Recovery of polymyxin from fermentation broths. 2,556,376, June 12.
Regna, Peter P., Woodcliff, N. J., and I. A. Solomons, III, Jackson Heights, assignors to Chas. Pfizer & Co., Inc., Brooklyn, N. Y. Recovery of streptomycin from orange II salt. 2,560,889, July 17.
Regna, Peter P., Woodcliff, N. J., and I. A. Solomons, III, Jackson Heights, assignors to Chas. Pfizer & Co., Inc., Brooklyn, N. Y. Recovery of streptomycin from naphthol blue-black salt. 2,560,890, July 17.
Regna, Peter P., West New York, N. J., and I. A. Solomons, Garden City, assignors to Chas. Pfizer & Co., Inc., Brooklyn, N. Y. Amine salt precipitants for antibiotic bases. 2,560,891, July 17.
Regout, Georges M.: *See*—
Dunski, Chaim V., and Regout.
Rehberg, Chessie E., Glenside, Pa., assignor to the United States of America as represented by the Secretary of Agriculture. Carbonic acid derivaties of tetrahydrofurfuryl lactate. 2,543,060, Feb. 27.
Rehberg, Chessie E., Glenside, Pa., assignor to the United States of America as represented by the Secretary of Agriculture. Cyanoethylation of alkyl lactates. 2,559,660, July 10.
Rehberger, Edward A., South Orange, N. J. Heavy-duty load conveyer. 2,557,203, June 19.
Reheis Company, Inc., assignee: *See*—
Govett, Thomas, and Almquist.
Reher, James C., Jr., assignee: *See*—
Throne, Dallas.
Rehfeld, George W., Manhattan, Kans. Smoking device. 2,546,237, Mar. 27.
Rehfeldt, Hermann, Waukesha County, assignor to Kenworth Manufacturing & Stamping Co., Milwaukee, Wis. Adjustable radio silencer. 2,549,929, Apr. 24.
Rehm, Gustav A., assignor to Riley Stoker Corporation, Worcester, Mass. Furnace wall construction for gas or oil and solid fuel. 2,554,384, May 22.
Rehm, Theodore C., Islip, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Indicating circuit. 2,550,600, Apr. 24.
Rehn, Edward H., Lima, Ohio. Corn shocker with divided former. 2,578,092, Dec. 11.
Rehn, Herman K., Amherst, Mass. Adjustable luggage carrier. 2,536,570, Jan. 2.
Rehnberg, Axel F., and J. Nelson, assignors to Rehnberg-Jacobson Mfg. Co., Inc., Rockford, Ill. Indexing mechanism. 2,560,475, July 10.

Rehnberg-Jacobson Mfg. Co., assignee: *See*—
Rehnberg, Axel F., and Nelson.
Rehner, John, Jr., Westfield, N. J., and P. J. Flory, Kent, Ohio, assignors to Standard Oil Development Company. Chloroprene polymer vulcanizates and preparing same. 2,540,596, Feb. 6.
Rehnqvist, Nils G.: *See*—
Hägglund, Erik H. M., and Rehnqvist.
Rehrer, Mervin, Jenkintown, Pa., and E. M. Dietz, New Milford, N. J. Closure for containers. 2,556,941, June 12.
Rehrig, Alexander R., Phillips, Tex., assignor to Phillips Petroleum Company. Insulation of catalyst chambers. 2,545,384, Mar. 13.
Rehrig, Alexander R., and E. Strunk, Phillips, Tex., assignor to Phillips Petroleum Company. Internal insulation of vessels. 2,551,160, May 1.
Rehwald, Edmund A., assignor to Barber-Colman Company, Rockford, Ill. Motion converting mechanism. 2,564,816, Aug. 21.
Reiber, George W., executor: *See*—
Graham, Charles W.
Reibig, Eric A.: *See*—
Wiken, Christy A., and Reibig.
Reich, Earl W.: *See*—
Hillig, John E., and Reich.
Reich, Ernest, assignee: *See*—
Sivley, Garland A.
Reich, Ernst: *See*—
Widmer, Willi, and Reich.
Reich, Gustave T., Philadelphia, Pa. Apparatus for processing foods. 2,558,268, June 26.
Reich, Gustave T., Philadelphia, Pa. Treating waste citrus liquors and the like. 2,561,072, July 17.
Reich, Robert A., assignor to The Ohio Nut & Bolt Company, Berea, Ohio. Screw and making same. 2,565,665, Aug. 28.
Reich, Stefan: *See*—
White, Desmond D., Osborn, and Reich.
Reichard, Arthur E., North Arlington, assignor to Specialties Development Corporation, Bloomfield, N. J. Valve control head. 2,563,868, Aug. 14.
Reichard-Coulston, Inc., assignee: *See*—
Bennetch, Leonard M.
Reichardt, Emerald P.: *See*—
O'Neill, John J., Jr., and Reichardt.
Reichardt, Emerald P., Wood River, and B. C. Baldridge, assignors to Olin Industries, Inc., East Alton, Ill. Producing smokeless powder. 2,543,535, Feb. 27.
Reichart, Fritz, Basel, and K. Schlumpf, Neu-Allschwil, assignors to Ciba Limited, Basel, Switzerland. Printing superpolyamide fibers with leuco-ester salts of vat dyestuffs. 2,554,881, May 29.
Reichart, Herman E., Highland Park, Mich. Window. 2,558,525, June 26.
Reichart, James H., deceased, Muncie, Ind.; Merchants Trust Co., executor. Glass vessel band and handle structure. 2,556,441, June 12.
Reichel, Frank H., and C. L. Harder, Fredericksburg, Va., assignors, by mesne assignments, to American Viscose Corporation, Wilmington, Del. Process and apparatus for stuffing casings. 2,575,467, Nov. 20.
Reichelt, Lester O.: *See*—
Keusch, Edwin F., and Reichelt.
Reichert, August, Englewood, N. J. Self-centering holder for container filling machines. 2,574,157, Nov. 6.
Reichert, Joseph S., Metuchen, N. J., and R. W. Peakes, Edgewood Arsenal, Md., assignors to the United States of America as represented by the Secretary of War. Removing vesicant particles. 2,540,140, Feb. 6.
Reichert, Ludwig: *See*—
Darracott, George F., Barba, and Reichert.
Reichertz, Paul P., Dallas, Tex., assignor, by mesne assignments, to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Apparatus for measuring interstitial water content, permeability, and electrical conductivity of well cores. 2,539,355, Jan. 23.
Reiches, Sol L.: *See*—
Ingle, Donald P., and Reiches.
Reichstein, Tadeus, Basel, Switzerland. 3-hydroxy-11-ketoetiocholanic acid and its esters. 2,554,882, May 29.
Reichstein, Tadeus, Basel, Switzerland, assignor to Ciba Pharmaceutical Products, Inc., Summit, N. J. Glucosides from strophanthus sarmentosus and making same. 2,566,291, Aug. 28.
Reid, Allen F.: *See*—
Grosse, Aristid V., and Reid.
Reid, Allen F., New York, N. Y., assignor to the United States of America as represented by the United States Atomic Energy Commission. Production of radioactive halogens. 2,554,316, May 22.
Reid, Allen F., New York, N. Y., assignor to the United States of America as represented by the United States Atomic Energy Commission. Production of radioactive isotopes. 2,579,243, Dec. 18.
Reid, Edward S., Hartsville, S. C., assignor to Sonoco Products Company. Spinning device. 2,559,734, July 10.
Reid, Frank H., Hounslow, England, assignor to The International Nickel Company Inc., New York, N. Y. Rhodium plating. 2,577,364, Dec. 4.
Reid, Frank H., Hounslow, England, assignor to The International Nickel Company Inc., New York, N. Y. Rhodium plating. 2,577,365, Dec. 4.
Reid, George H., Kirby Muxloe, near Leicester, England. Gyroscopic rate-of-turn indicator. 2,544,767, Mar. 13.
Reid, John C., Jr., Yeadon, assignor to The Atlantic Refining Company, Philadelphia, Pa. Polymerization of olefin mixtures. 2,539,523, Jan. 30.
Reid, John D.: *See*—
Schuyten, Hartwig A., Weaver, and Reid.
Reid, John D., assignor to Avco Manufacturing Corporation, Cincinnati, Ohio. Electron tube structure. 2,562,820, July 31.
Reid, John D., assignor to Avco Manufacturing Corporation, Cincinnati, Ohio. Universal phonograph turntable. 2,577,035, Dec. 4.
Reid, John D., and P. F. G. Holst, Mount Healthy, assignors to Avco Manufacturing Corporation, Cincinnati, Ohio. Cabinet for radio apparatus. 2,539,327, Jan. 23.
Reid, John D., and G. C. Daul, New Orleans, La., assignors to the United States of America as represented by the Secretary of Agriculture. Fabrics of a long chain amino-ethoxy cellulose and making the same. 2,545,492, Mar. 20.
Reid, John E., Chicago, Ill. Polygraph. 2,538,125, Jan. 16.
Reid, John G., Jr., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Controlled absorption refrigeration system. 2,550,428, Apr. 24.
Reid, John G., Jr., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Refrigeration system with evaporated refrigerant control. 2,550,429, Apr. 24.
Reid-Jones, John W.: *See*—
Laird, John A., and Reid-Jones.
Reid, Kenneth C.: *See*—
Thomson, Thomas, and Reid.
Reid, Orland B., Kenilworth, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Hat sweat sewing attachment. 2,546,135, Mar. 20.
Reid, Orland B., Kenilworth, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Electronic seaming machine. 2,551,851, May 8.
Reid, Paul R., Madill, Okla. Propulsion control for outboard motor boats. 2,548,121, Apr. 10.
Reid, Robert B., Beverly, assignor to Sylvania Electric Products Inc., Salem, Mass. Inspecting electric lamp filaments. 2,572,573, Oct. 23.
Reid, Robert B., Grosse Pointe, Mich. Wall cabinet. 2,575,530, Nov. 20.
Reid, Robert J.: *See*—
Eberly, Kenneth C., and Reid.
Reid, Robert J., Canal Fulton, assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Photochlorination of polybutadiene. 2,537,630, Jan. 9.
Reid, Rose M., assignor to R. M. Reid, Los Angeles, Calif. Garment. 2,536,222, Jan. 2.
Reid, Vernon D., Sr., Westlake, La. Kiddy swing. 2,571,611, Oct. 16.
Reid, Wiley H., Fort Lauderdale, Fla., assignor, by mesne assignments, to Reconstruction Finance Corporation, Washington, D. C. Ribbon spool tensioning means. 2,554,346, May 22.
Reid, William B., Jr., assignor to The Upjohn Company, Kalamazoo, Mich. 3-(methylpyrrolidyl-1)propyl para-(delta 2)-cyclohexenyloxybenzoates and salts thereof. 2,576,970, Dec. 4.
Reidel, Moises, Buenos Aires, Argentina. Manufacture of oxide of copper rectifiers. 2,559,370, July 3.
Reider, Charles M.: *See*—
Pierotti, Gino J., Handlos, and Reider.
Reider, Charles M., Alameda, and G. J. Pierotti, Albany, assignors to Shell Development Company, San Francisco, Calif. Dehydration of acrolein by azeotropic distillation. 2,562,846, July 31.
Reider, Malcolm J., Shillington, assignor to Geo. W. Bollman & Co., Inc., Adamstown, Pa. Treating wool to prevent felting during wet processing. 2,541,780, Feb. 13.
Reier, George C.: *See*—
Merrill, Josiah L., and Reier.
Reierson, John E., Baltimore, Md. Fire control system. 2,570,276, Oct. 9.
Reiff, Orland M.: *See*—
Otto, Ferdinand P., Reiff, and Barrett.
Reiff, Robert H.: *See*—
Lee, Robert J., and Reiff.
Reifschneider, Paul J., Springfield, Pa., assignor to General Electric Company. Nonoscillating protective control system. 2,550,496, Apr. 24.
Reifschneider, Paul J., Springfield, Pa., assignor to General Electric Company. Reverse current responsive device. 2,575,127, Nov. 13.
Reifsnyder, Milburn, Bernville, Pa. Cow stanchion construction. 2,557,688, June 19.
Reigh, Clarence J., Altoona, Pa. Folding paper. 2,549,386, Apr. 17.
Reiley, Erle W., Jr., Pasadena, and L. J. Duke, Houston, Tex., assignors to Shell Development Company, San Francisco, Calif. Refining fuel oil. 2,563,369, Aug. 7.
Reilly, Alfred F., assignor to Evans Case Company, North Attleboro, Mass. Lighter. 2,546,615, Mar. 27.
Reilly, Alfred F., North Attleboro, Mass. Receptacle. 2,554,421, May 22.
Reilly, Alfred F., North Attleboro, Mass., assignor to Evans Case Co. Lighter wick. 2,555,294, May 29.

Reilly, Alfred F., assignor to Evans Case Company, North Attleboro, Mass. Cigarette lighter. 2,576,042, Nov. 20.
Reilly, Alfred F., and F. Gengenbach, North Attleboro, Mass., assignors to Evans Case Co. Assembly of shells of containers. 2,568,512, Sept. 18.
Reilly, Charles, St. George, N. Y. Double hung window cleaner. 2,537,482, Jan. 9.
Reilly, Edward H., Westport, Conn., assignor to Electrographic Corporation, New York, N. Y. Plastic printing plate and method. 2,558,269, June 26.
Reilly, Frank J., Winter Park, Fla., assignor of one-third to C. J. Loftus, Chicago, Ill. Precooling combination for precooling a through-lading-load in the usual side door refrigerator car. 2,538,382, Jan. 16.
Reilly, Frank W., Auburndale, Mass. Enclosed switchgear. 2,538,042, Jan. 16.
Reilly, Fred, Los Angeles, Calif. Radiator ornament. 2,570,983, Oct. 9.
Reilly, Hugh L., F. H. Scrimshaw, and P. C. Lambert, Farnborough, England, assignors, by mesne assignments, to Kelvin & Hughes Limited, Glasgow, Scotland. Computing or indicating apparatus. 2,571,484, Oct. 16.
Reilly, Paul C., West Berlin, N. J., and F. H. Cardwell, Philadelphia, Pa. Safety grille. 2,563,617, Aug. 7.
Reilly Tar and Chemical Corporation, assignee: *See*— Horner, Harold R., and Hennessy.
Reilly, William P., Menomonee Falls, Wis. Christmas tree branch holder. 2,550,023, Apr. 24.
Reilly, Wilmot B.: *See*— Smith, Edward D., and Reilly.
Reimel, Samuel R., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Belt-aligning apparatus. 2,553,473, May 15.
Reimer, George M., Oak Park, and A. C. Peterson, Park Ridge, assignors to Union Special Machine Company, Chicago, Ill. Trimming mechanism for sewing machines. 2,538,271, Jan. 16.
Reimer, George M., Oak Park, and G. Sauer, Berwyn, assignors to Union Special Machine Company, Chicago, Ill. Trimming mechanism for sewing machines. 2,538,272, Jan. 16.
Reimers, Alfred E., Harrington Park, N. J. Cast-metal electrically-heated device and resistance elements therefor. 2,536,767, Jan. 2.
Reimert, Lawrence J., and E. A. Fatzinger, Palmerton, Pa., assignors to The New Jersey Zinc Company, New York, N. Y. Zinc oxide-magnesium oxide luminous pigments activated by bismuth or bismuth and iron. 2,544,236, Mar. 6.
Reimschissel, Charles A., and H. E. Davies, assignors to The Landis Machine Company, Waynesboro, Pa. Adjustable gib chaser holder. 2,571,944, Oct. 16.
Reimschissel, Charles A., and G. E. Hieber, assignors to Landis Machine Company, Waynesboro, Pa. Tube thread grinding machine. 2,576,239, Nov. 27.
Reimuller, Christian J., Glendora, Calif. Thermostatically controlled valve for shower heads. 2,556,777, June 12.
Reimuller, Christian J., Glendora, Calif. Sliding slot drape. 2,556,942, June 12.
Rein, Edmund C., New Baltimore, Mich. Ladder brace. 2,574,286, Nov. 6.
Rein, Martin L.: *See*— Fisher, Charles H., and Fein.
Reinberger, George H., Chicago, Ill. Adjustable strap assembly. 2,565,629, Aug. 28.
Reinecker, Walter, North Plainfield, N. J., assignor to Johns-Manville Corporation, New York, N. Y. Method and apparatus for manufacturing asbestos-cement sheet products. 2,550,862, May 1.
Reineke, Ezra P.: *See*— Turner, Charles W., and Reineke.
Reiner, Emil, Gary, Ind. Time interval indicating calendar. 2,542,943, Feb. 20.
Reiner, Kenneth, Los Angeles, Calif. Gang nut retainer assembly. 2,575,594, Nov. 20.
Reiner, Ralph S., Steubenville, Ohio. Hanger cover. 2,578,741, Dec. 18.
Reiner, Robert, Inc., assignee: *See*— Lambach, Fritz.
Reingold, Noah, Brooklyn, N. Y., assignor, by mesne assignments, to Babee-Tenda License Corporation, Metropolis, Ill. Combined chair and table. 2,540,291, Feb. 6.
Reinhard, George F., Jr.: *See*— Wall, Daniel J., and Reinhard.
Reinhard, Gustav A., Shaker Heights, Ohio. Transmission. 2,578,015, Dec. 11.
Reinhard, John B., assignee: *See*— Hartman, John F.
Reinhard, Walter J., New York, N. Y. Carpet joining device and method. 2,552,114, May 8.
Reinhardt, Albrecht E.: *See*— Barnaby, Roland, and Reinhardt.
Reinhardt, Herman E., Hasbrouck Heights, assignor to Boyle-Midway Inc., Jersey City, N. J. Evaporation apparatus. 2,573,672, Oct. 30.
Reinhardt, John P., Brooklyn, N. Y. Caster. 2,566,853, Sept. 4.
Reinhardt, Joseph A.: *See*— Chace, Thomas B., and Reinhardt.
Reinhardt, Otto K.: *See*— Woodring, William B., and Reinhardt.
Reinhardt, Robert C., assignor to The Dow Chemical Company, Midland, Mich. Product control in suspension polymerizations. 2,543,805, Mar. 6.
Reinhart, Howard A., San Francisco, Calif., assignor, by mesne assignments, to Tray-Hart, Inc., Jersey City, N. J. Cylinder transporting device for industrial trucks. 2,548,063, Apr. 10.
Reinhart, Howard A., San Francisco, Calif., assignor, by mesne assignments, to Tray-Hart, Inc., Jersey City, N. J. Power-operated drum carrier for industrial trucks. 2,548,064, Apr. 10.
Reinhart, Theodore J., and T. J., Jr., Cleveland, Ohio. Planer gauge. 2,537,704, Jan. 9.
Reinhart, Theodore J., Jr.: *See*— Reinhart, Theodore J. and T. J., Jr.
Reinhold, Leonhard F.: *See*— Spencer, James A., and Reinhold.
Reinhold, Leonhard F., Great Kills, N. Y., assignor to Radio Corporation of America. Code disk assembly and ball bearing therefor. 2,549,009, Apr. 17.
Reinke, Elmer F., Milwaukee, and F. G. Wiegratz, Wauwatosa, Wis. Sleeping car. 2,567,894, Sept. 11.
Reinke, George W., Park Ridge, assignor to Roto-Screen Company, Chicago, Ill. Silk screen printing machine. 2,555,096, May 29.
Reinke, Karl L., Oak Park, Ill. Heating system and apparatus. 2,549,238, Apr. 17.
Reintjes, George P., Kansas City, Mo. Furnace wall. 2,570,073, Oct. 2.
Reip, Frank A., Brooklyn, N. Y. Gauge rod wiper. 2,575,361, Nov. 20.
Reis, John P., assignor to Amity Leather Products Co., West Bend, Wis. Support for key hangers. 2,548,820, Apr. 10.
Reis, Ralph G., assignee: *See*— Patterson, Robert.
Reisch, George J., Stratford, Conn., assignor to General Electric Company. Electric fan. 2,549,523, Apr. 17.
Reischl, Karl E., assignor to Bucyrus-Erie Company, South Milwaukee, Wis. Dumping control for scrapers. 2,560,597, July 17.
Reisert, August D.: *See*— Fox, Alexander P., and Reisert.
Reisig, Leo F., assignee: *See*— Harris, John F.
Reiskin, Augusta G., Brooklyn, N. Y. Mirror arrangement for compacts. 2,571,485, Oct. 16.
Reiskind, Hillel I., Elkins Park, Pa., and G. W. Longacre, Swedesboro, N. J., assignors to Radio Corporation of America. Molding press. 2,552,458, May 8.
Reisman, Adolph, New York, N. Y. Supplementary table top. 2,556,943, June 12.
Reisner, John H.: *See*— Smith, Perry C., and Reisner.
Reisner, John H., Jr., Haddonfield, N. J., assignor to Radio Corporation of America. Magnetic lens for electron optical systems. 2,579,273, Dec. 18.
Reiss, Ernest, Brookline, and H. R. Gewertz, Cambridge, assignors to Development & Design, Inc., Boston, Mass. Machine for displaying rugs. 2,577,366, Dec. 4.
Reiss, Harold R., Philadelphia, Pa. Signal comparator system. 2,570,156, Oct. 2.
Reiss, Irwin A., assignor to Associated Paper Converting Corporation, Los Angeles, Calif. Bag or envelope. 2,549,931, Apr. 24.
Reiss Manufacturing Corporation, assignee: *See*— Powell, Charles S., and Hahn. Reiss, Raymond H., and Hahn.
Reiss, Max, assignor to Eastman Kodak Company, Rochester, N. Y. Objective with variable space for controlling aberrations. 2,537,912, Jan. 9.
Reiss, Raymond H., New York, N. Y., and P. R. T. Hahn, Westfield, N. J., assignors to Reiss Manufacturing Corporation, Wilmington, Del. Fastening device for the waistband of trousers and the like. 2,568,969, Sept. 25.
Reister, Lucas K., Lexington, Ky. Burning apparatus for plant beds. 2,548,065, Apr. 10.
Reistle, Carl E., Jr., Houston, Tex., assignor, by mesne assignments, to Standard Oil Development Company, Elizabeth, N. J. Treating earth formations. 2,547,778, Apr. 3.
Reitan, Claude S., Fergus Falls, Minn. Power rake. Re. 23,378, June 12.
Reitberger, Anton, assignor to Warren City Manufacturing Company, Warren, Ohio. Drive mechanism. 2,553,521, May 15.
Reiter, Daniel L., New York, N. Y. Pronged wire pin. 2,573,809, Nov. 6.
Reiter, David, Woodside, N. Y. Dental retainer for matrix strips. 2,572,198, Oct. 23.
Reiter, Harold J., Chicago, Ill. Cage-stud for snap fasteners. 2,564,858, Aug. 21.
Reiter, Jacob F., La Porte, Ind. Washcloth. 2,544,354, Mar. 6.
Reiter, Reuben, New York, N. Y. Therapeutic electrostimulator. 2,558,270, June 26.
Reitman, Abraham I., Oakland, Calif. Drapery rod bracket. 2,557,362, June 19.
Reitz, Alvin W., Niles, Ill. Parking meter billboard. 2,554,923, May 29.
Reitz, Donald S., South Hempstead, assignor to City Tank Corporation, Corona, N. Y. Refuse truck tail gate 2,557,142, June 19.

Reitz, George W., Paris, Ark. Noninterlocking reversing transmission. 2,549,932, Apr. 24.
Reitz, Lewis P., Jr., Millington, N. J., assignor, by mesne assignments, to Raytheon Manufacturing Company. Measuring and recording device. 2,557,798, June 19.
Reitz, Loy W., assignor to Marine Industries Incorporated, Fort Wayne, Ind. Boat bailer. 2,565,885, Aug. 28.
Reize, John, Chicago, Ill. Pocket torch for delivering heated compressed air. 2,557,010, June 12.
Rekar, Jay J., Bell, Calif. Toilet flushing valve. 2,579,012, Dec. 18.
Rekdahl, Wallace H., Minneapolis, assignor of one-half to M. E. Bailey, South Minneapolis, Minn. Instrument for drawing curved lines. 2,552,215, May 8.
Rekettye, Paul, Akron, assignor to The Sun Rubber Company, Barberton, Ohio. Articulated doll. 2,552,216, May 8.
Reliable Automatic Sprinkler Co., Inc., The, assignee: *See*—
Grimes, Lester A.
Reliable Electric Company, assignee: *See*—
Lockhart, Roy R.
Saul, James J.
Reliable Machine Works, Inc., assignee: *See*—
Friedman, Samuel.
Reliable Metal Engineering Co., assignee: *See*—
Casey, Charles L., and Ryno.
Reliable Products Manufacturing Co., Inc., assignee: *See*—
Arvintz, Abraham A., Arvins, and Arvintz.
Reliance Electric & Engineering Co., The, assignee: *See*—
Hamby, Russell S.
Hayes, Robert R.
Reliance Electric & Engineering Company, The, assignee: *See*—
Picking, Jay W.
Reliance Gauge Column Company, The, assignee: *See*—
Brown, John R.
Reliance Hydraulic Press, Inc., assignee: *See*—
May, Thomas L.
Reliance Steel Products Company, assignee: *See*—
Braun, Ottwin L.
Handelman, Philip.
Nagin, Harold.
Relief-Lyon-France, assignee: *See*—
Juillet, Pierre.
Relis, Matthew J., Washington, D. C. Method and apparatus for measuring the conductivity of an electrolyte. 2,542,057, Feb. 20.
Relson, Morris, assignee: *See*—
Tawney, Gereld L.
Rembaux, Anna L. R., sole representative: *See*—
Rembaux, Leon.
Rembaux, Leon, deceased; A. L. R. Rembaux, and G. M. V. R. Thomassin, Brussells, Belgium, sole representatives. Apparatus for the manufacture of hardened glass. 2,569,951, Oct. 2.
Rembusch, Trueman T., Colorado Springs, Colo., and H. P. Wolfberg, St. Louis, Mo. Counting and recording apparatus. 2,540,911, Feb. 6.
Remco, Inc., assignee: *See*—
Newcum, Kenneth M.
Remco Industries, assignee: *See*—
Heller, Isaac.
Newcum, Kenneth M.
Remde, Edward H., assignor to The Baker-Raulang Company, Cleveland, Ohio. Motor braking and line circuit control. 2,539,552, Jan. 30.
Remington Arms Company, Inc., assignee: *See*—
Brown, John T., and Daubenspeck.
Catlin, John P., Reynolds, and Hutzelman.
Crittendon, Lexie R.
Hailston, Ellis W., Casey, and Melick.
Jaffee, Robert I., and Ogden.
Jaffee, Robert I., Ogden, and Maykuth.
Lichtenberg, Edward N.
Lommis, Crawford C., and Lowe.
Mayfield, Ross M., De Long, and Permar.
Reynolds, Warren S., Bange, and Turner.
Reynolds, Warren S., and Turner.
Turner, John R.
Whipple, Ernest G.
Yost, Kenneth J.
Yost, Kenneth J., Reynolds, and Turner.
Remington, Franklin: *See*—
Whiton, Louis C., Watson, McBride, and Remington.
Remington, Frederic, Elizabeth, and R. A. Tartaglia, East Orange, assignors to Peerless Tube Company, Bloomfield, N. J. Annealing furnace and conveyer. 2,548,683, Apr. 10.
Remington Rand Inc., assignee: *See*—
Andersen, Niels Y.
Angus, Leonard J.
Bailey, Miles E.
Cronin, William F.
Crosman, Loring P.
Crossman, Loring P., and Henrich.
Dalton, Robert A.
Dreher, Elmer H.
Geerlings, Gerald K.
Gunn, Donald A.
Hessert, Raymond M., and Schutt.
Remington Rand Inc., assignee: *See*—Continued.
Jackson, Arthur R.
McCormick, John M.
Medal, Einar.
Mixer, Harold P.
Mueller, John.
Pentecost, Arthur, and Sterling.
Rand, James H.
Riggs, Robert W.
Roggenstein, Edwin O.
Sachs, Hans W.
Savell, Walter L.
Schremp, Frederick W.
Schremp, Frederick W., and Yeo.
Schutt, Friedrich J.
Seymour, Arthur C.
Skeels, Simon C.
Steinbach, Theodore.
Streng, Jan.
Strother, Robert H.
Visone, Joseph J.
Wolters, Carl F.
Wolters, Carl F., and Watkins.
Wilder, Marshall P.
Wolters, Carl F., and Andersen.
Rempel, Dietrich G., assignor to Rempel Enterprises, Akron, Ohio. Apparatus for producing hollow rubber or like articles. 2,537,089, Jan. 9.
Rempel, Dietrich G., assignor to Rempel Manufacturing, Inc., Akron, Ohio. Making hollow articles. 2,569,869, Oct. 2.
Rempel, Dietrich G., assignor to Rempel Manufacturing, Inc., Akron, Ohio. Toy vehicle. 2,570,711, Oct. 9.
Rempel Enterprises, assignee: *See*—
Rempel, Dietrich G.
Rempel Manufacturing, Inc., assignee: *See*—
Rempel, Dietrich G.
Renaud, Jean, Paris, assignor to Compagnie Industrielle de Mecanique Horlogere, Puteaux, France. Adjustment device for the frequency of spiral balances. 2,541,286, Feb. 13.
Renault, Jean: *See*—
Tourneur, Maurice, and Renault.
Rendall, George F., Chicago, Ill. Magazine hammer. 2,552,587, May 15.
Rendall, Margaret M.: *See*—
Budner, Anton E., Buckman, and Rendall.
Rendall, Warren C., and F. L. Rushing, Tampa, Fla., assignors to Gaylord Container Corporation, St. Louis, Mo. Convertible shipping carton and self-feeder. 2,556,707, June 12.
Rendel, George H., Pittsburgh, Pa., assignor to United States Steel Company. Method and apparatus for testing pin hole detectors. 2,563,274, Aug. 7.
Rendel, George H., Pittsburgh, Pa., assignor to United States Steel Company. Apparatus for detecting and marking pin holes. 2,576,043, Nov. 20.
Renfrew, Edgar E.: *See*—
Buc, Saul R., and Renfrew.
Randall, David I., and Renfrew.
Renfro, Clarence A., San Diego, Calif. Artificial limb knee joint. 2,563,618, Aug. 7.
Renfro, Ralph T., Sr., Boise, Idaho, assignor to Scruggs and Vaughan Manufacturing Company, Inc., Phoenix, Ariz. Minnow bucket. 2,573,109, Oct. 30.
Rengel, Victor, Miami, Fla. Game board for simulated racing. 2,546,347, Mar. 27.
Renholdt, John E.: *See*—
Trevitt, John H., and Renholdt.
Renholts, Roy J., Oakland, Calif., assignor to Friden Calculating Machine Co., Inc. Method and mold for forming plastic insignia. 2,566,636, Sept. 4.
Renick, Wendell E., assignor to The Denison Engineering Company, Columbus, Ohio. Pressure relief valve means. 2,580,127, Dec. 25.
Renick, Wendell E., Grove City, assignor to The Denison Engineering Company, Columbus, Ohio. Pilot unit for relief valves. 2,580,128, Dec. 25.
Renier, William S., assignor to Giddings & Lewis Machine Tool Company, Fond du Lac, Wis. Molding machine. 2,565,522, Aug. 28.
Renkin, Robert F., assignor of one-half to H. A. Roemer, Sharon, Pa. Coating strip steel with a protective metal coating. 2,557,764, June 19.
Renna, Vito M., assignee: *See*—
Kurstin, William J., and Renna.
Renne, William C., Kansas City, Mo. Fountain paintbrush. 2,553,381, May 15.
Renne, William C., Kansas City, Mo. Check protector. 2,556,442, June 12.
Renne, William C., Kansas City, Mo. Gummed tape applier. 2,556,443, June 12.
Renne, William C., Kansas City, Mo. Wallpaper machine. 2,556,600, June 12.
Renneburg, Edward, & Sons Company, assignee: *See*—
Vucassovich, Michel P.
Renner, Alfred: *See*—
Oestrich, Hermann, Rosskopf, Renner, and Valter.
Renner, Harold G., Detroit, Mich. Quick action precision vise. 2,552,738, May 15.
Renner, Herbert O., Des Plaines, assignor, by mesne assignments, to J. R. Short Milling Company, Chicago, Ill. Producing high-purity soybean protein. 2,543,467, Feb. 27.

Renner, Herbert O., Des Plaines, assignor, by mesne assignments, to J. R. Short Milling Company, Chicago, Ill. Oxidation of fatty matter. 2,557,564, June 19.
Renner, Herbert O., Des Plaines, assignor, by mesne assignments, to J. R. Short Milling Company, Chicago, Ill. Oxidizing fatty materials. 2,573,358, Oct. 30.
Renner, Patrick C., Chicago, Ill. Radiographic apparatus. 2,575,295, Nov. 13.
Rennie, John A., Laurelton, assignor to Boorum and Pease Company, Brooklyn, N. Y. Loose-leaf binder. 2,571,945, Oct. 16.
Reno, Gordon J.: *See*—
Hinds, George P., Jr., Meerbott, and Reno.
Renstrom, Carl W., assignor to Tip-Top Products Company, Omaha, Nebr. Cushion curler. 2,555,933, June 5.
Renstrom, Carl W., assignor to Tip-Top Products Company, Omaha, Nebr. Hairpin clip. 2,559,797, July 10.
Renstrom, Carl W., assignor to Tip-Top Products Company, Omaha, Nebr. Hair curler. 2,579,204, Dec. 18.
Rentschler, Delia J., executrix: *See*—
Rentschler, Mahlon J.
Rentschler, Harvey C.: *See*—
Lilliendahl, William C., and Rentschler.
Rentschler, Harvey C., East Orange, N. J., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Apparatus and method for the tenderization of meat. 2,544,724, Mar. 13.
Rentschler, Mahlon J., deceased; D. J. Rentschler, executrix, assignor to A. Pavlik, Willoughby, Ohio. Forming alkaline earth metal and magnesium sulphides. 2,565,931, Aug. 28.
Rentz, Ceilon H.: *See*—
Carlin, Joseph M., and Rentz.
Renwick, Charles S., Jr., Richmond, Calif. Fish lure. 2,563,275, Aug. 7.
Renyck, Walter J., Fairfield, Ohio. Device for dispensing individually sealed articles or commodities. 2,547,779, Apr. 3.
Renz, Emil K.: *See*—
Arnold, Berel A., and Renz.
Renz, Emil K., Dedham, assignor to Knight Leather Products Inc., Jamaica Plain, Mass. Combination purse and billfold. 2,573,063, Oct. 30.
Renzetti, Luigi, Medford, Mass. Window screen. 2,575,128, Nov. 13.
Renzoni, Louis S., Port Colborne, Ontario, Canada, assignor to The International Nickel Company, Inc., New York, N. Y. Nickel liberator cell. 2,578,839, Dec. 18.
Reo Motors, Inc., assignee: *See*—
Cook, Charles J.
Repass, George E.: *See*—
Brown, Carl D., and Repass.
Repass, George E., assignor to Draper Corporation, Hopedale, Mass. Bunch building mechanism. 2,558,198, June 26.
Repass, George E., assignor to Draper Corporation, Hopedale, Mass. Builder motion. 2,558,526, June 26.
Repice, Mario, Cleveland, Ohio. Shank press. 2,551,161, May 1.
Repke, Jan D., and A. Horowitz, Eindhoven, Netherlands, assignors, by mesne assignments, to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Ball-sliding bearing. 2,557,689, June 19.
Replogle, Edward H., Tonawanda, assignor to Stanley Aviation Corporation, Buffalo, N. Y. Aircraft alighting gear. 2,552,115, May 8.
Reppe, Walter, Ludwigshafen-on-the-Rhine, and A. Magin, Mutterstadt/Pfalz, Germany. Production of ketonic bodies. 2,562,393, July 31.
Reppe, Walter, Ludwigshafen on the Rhine, and A. Magin, Mutterstadt/Pfalz, Germany. Production of ketonic bodies. 2,577,208, Dec. 4.
Reppert, Horace E., and H. W. Rosenberg, Philadelphia, Pa. Automatic self-reeling fishing float. 2,545,385, Mar. 13.
Republic Aviation Corporation, assignee: *See*—
Bergen, Richard S., and Sealander.
Bergh, Roland C., and Martin.
Franklin, Hubert F.
Gendreau, Raymond P.
Koch, Harold E.
Koerbacher, Arthur R., and Jager.
Kueppers, Friedrich A.
Lipman, Maurice S.
Mulholland, Frank J.
Pevney, Paul.
Sealander, Bertram E., and Bergen.
Voelker, Edward H.
Walters, Edmund.
Republic Flow Meters Company, assignee: *See*—
Rosenberger, Albert J.
Smoot, Charles H.
Wenzel, Alfred C.
Republic Industries, Inc., assignee: *See*—
Martin, William H.
Republic Patent Corporation, assignee: *See*—
Durant, Lyndon A., and Binks.
Republic Steel Corporation, assignee: *See*—
Avery, William H., and Old.
Darner, Frederic M.
Duby, Clarence J.
Farrar, Alvin J.
Gebo, Paul W.
Republic Steel Corporation, assignee: *See*—Continued.
Hawkinson, Roy A.
Heyworth, James E., and Harkins.
Janecek, Frank H.
Jones, Joseph H.
Morris, Morgan J. R.
Miller, Howard L.
Schaefer, Frederick R.
Tingle, Leroy.
Van Fossan, Jay P.
Woodlief, William H.
Wyandt, John J., and McKelvey.
Rerick, Charles A., Milan, Kans. Fertilizer spreader and grain drill. 2,554,637, May 29.
Research Association of British Rubber Manufacturers, The, assignee: *See*—
Banks, William H., Upton, and Scott.
Research Corporation, assignee: *See*—
Brown, Sanborn C.
Farrall, Arthur W.
Ferry, John D., and Morrison.
Fields, Ellis K.
Fieser, Louis F.
Fieser, Louis F., and Leffler.
Fieser, Louis F., and Rajagopalan.
Gallagher, Thomas F., and Kritchevsky.
Gannone, Anthony S.
Hall, Herbert J.
Hedberg, Carl W. J.
Hottel, Hoyt C., and Williams.
Kendall, Edward C.
Kendall, Edward C., and Fleisher.
Kirkpatrick, Paul H.
Leffler, Marlin T.
Milas, Nicholas A.
Pearson, Erman A.
Peck, Edson R.
Pirnie, Malcolm.
Seiberlich, Joseph.
Streuber, Rudolf G.
Van de Graaff, Robert J., and Buechner.
Vasileff, Narcho, and Alesi.
Wilson, John H.
Wintermute, Harry A.
Wright, Forrest B.
Research Engineering Corporation, assignee: *See*—
Parrish, Walter.
Research Engineering & Manufacturing, Inc., assignee: *See*—
Brown, Frank K., Phipard, and Jenney.
Phipard, Harvey F., Jr.
Research Products Corporation, assignee: *See*—
Hunzicker, Dean L., and Walton.
Ziska, Adam.
Resek, Jules V.: *See*—
Cleaver, John C., McBean, and Resek.
Resek, Marc, Cleveland Heights, assignor to Perfection Stove Company, Cleveland, Ohio. Mechanically driven impeller type draft inducer for combustion apparatus. 2,561,135, July 17.
Resek, Marc, Cleveland Heights, W. M. Day, Parma Heights, and J. R. Kirkpatrick, South Euclid, assignors to Perfection Stove Company, Cleveland, Ohio. Plural Compartment oven light with door operated switch. 2,577,541, Dec. 4.
Reser, Alva B., Long Beach, Calif. Baby bootee stretcher. 2,567,081, Sept. 4.
Reserve Mining Company, assignee: *See*—
Martin, Henry K.
Resistoflex Corporation, assignee: *See*—
Press, Irving D.
Troshkin, Alexander N., and Press.
Ress, Thomas I.: *See*—
Bradford, Arthur J., and Ress.
Ress, Thomas I., Chicago, assignor to The Pioneer Electric and Research Corp., Forest Park, Ill. Printing plate and manufacturing. 2,558,877, July 3.
Ressa, Frank, Spokane, Wash. Dual weather strip. 2,541,287, Feb. 13.
Ressinger, Paul M., Chicago, Ill. Showcase having interconnected closure and tray. 2,563,746, Aug. 7.
Ressinger, Paul M., Highland Park, Ill. Combined glass- and lamp-supporting showcase rail. 2,559,371, July 3.
Ressinger, Paul M., Highland Park, Ill. Dsplay counter. 2,563,747, Aug. 7.
Ressinger, Paul M., Highland Park, Ill. Device for removing ink from fountain pens. 2,569,690, Oct. 2.
Restemeier, Edward F., assignor to Air-Way Electric Appliance Corporation, Toledo, Ohio. Speed responsive switch for electric motors. 2,555,703, June 5.
Restetsky, Herbert, Maplewood, Mo. Raising and lowering heavy objects. 2,540,378, Feb. 6.
Retallack, John B.: *See*—
Giroud, Henry A., Irwin, Kille, Retallack, Riggs, and Strickler.
Rethorst, Scott C., Washington, D. C. Roadable aircraft. 2,561,291, July 17.
Rethwisch, Francis B., Louisville, Ky., and G. M. Babcock, Plainfield, N. J., assignors to Reynolds Metals Co., Richmond, Va. Fungicidal aluminum leafing pigment. 2,562,062, July 24.
Rettew, Granville R.: *See*—
Heathcote, Charles W., Jr., and Rettew.

Rettinger, Frederick S., Battle Creek, assignor to Caro Manufacturing Co., Caro, Mich. Tow bar. 2,575,596, Nov. 20.
Rettinger, Michael, Encino, Calif., assignor to Radio Corporation of America. Vibratile pickup for magnetic recorders. 2,574,708, Nov. 13.
Rettinger, Michael, Encino, and H. Steiner, Los Angeles, Calif. Timing, totalizing, and indicating device. 2,539,754, Jan. 30.
Retz, William B., Plainville, assignor to The New Britain Machine Company, New Britain, Conn. Toolholder. 2,550,645, Apr. 24.
Retzsch, Clinton E.: *See*—
De Castro, Arthur, and Retzsch.
Reuge & Cie, assignee: *See*—
Egli, Rudolf.
Reulos, René, Chambery, France. Directional aerial. 2,559,092, July 3.
Reussenzehn, Ernest A.: *See*—
Meeker, David A., and Reussenzehn.
Reussner, William: *See*—
Cooper, Grover, Reussner, and May.
Reuter, Paul A: *See*—
Dulken, Charles F., Stern, Westwater, and Reuter.
Reuther, John H., Brooklyn, N. Y. Piano keyboard. 2,557,690, June 19.
Revco Products, assignee: *See*—
Abos, Ralph L., Stanfield, and Myers.
Revercomb, Joseph A., Hinton, Va. Leg and foot rest. 2,566,498, Sept. 4.
Revere Camera Company, assignee: *See*—
Briskin, Jack.
Briskin, Mack, and Peto.
Revere Copper and Brass Incorporated, assignee: *See*—
Goulding, Joseph M.
Kennedy, James M., Lee, and Knight.
Lee, Harold J.
Poland, Frank F.
Welden, William A.
Reverso Products Co., assignee: *See*—
Jablon, Charles W.
Revukas, Anthony J., Cranford, assignor to Tide Water Associated Oil Company, Bayonne, N. J. Fuel compositions. 2,570,377, Oct. 9.
Rewalt, Nathan H.: *See*—
Winkler, Wynn G., and Rewalt.
Rex, Charles H., Marblehead, Mass., assignor to General Electric Company. Electric switching system. 2,577,155, Dec. 4.
Rex, Charles H., Marblehead, Mass., assignor to General Electric Company. Luminaire. 2,578,451, Dec. 11.
Rex, Frances L., Richmond, Va. Combination folding crib and play pen. 2,561,637, July 24.
Rex, Harold B.: *See*—
Ahrendt, William R., and Rex.
Rex Industries, Inc., assignee: *See*—
Smith, Norman F.
Rex Slide Fastener Corporation, assignee: *See*—
Wery, Albert G.
Rex, Walter A., Westfield, and K. J. Nelson, Cranford, N. J., assignors to Standard Oil Development Company. Manufacture of microspheroidal gel particles. 2,577,631, Dec. 4.
Rexford, Willis E., Girard, and D. Weidler, Platea, Pa., assignors to Louis Marx & Company, Inc., New York, N. Y. Coupler for toy railway trains. 2,569,071, Sept. 25.
Rey, Augustin, Paris, and A. Oriol, St. Just les Marais, assignors to Comptoir des Textiles Artificiels, Paris, France. Apparatus for crystallizing. 2,551,162, May 1.
Reyburn, John R., Fairfield, Conn. Fishing reel. 2,551,567, May 1.
Reyburn, John R., Fairfield, assignor to American Chain & Cable Company, Inc., Bridgeport, Conn. Snap hook. 2,556,741, June 12.
Reyenga, Arnold J., Oakland, Calif., assignor to the United States of America as represented by the United States Atomic Energy Commission. Ambient pressure-responsive clamping means. 2,570,984, Oct. 9.
Reymann, Alois, Sandwich, Ill. Gate and hinge construction. 2,563,960, Aug. 14.
Reymersholms Gamla Industri Aktiebolag, assignee: *See*—
Lennström, Karl V.
Reymert, Charles N., Pittsburgh, Pa. Vaporizing unit for internal-combustion engines. 2,537,705, Jan. 9.
Reynaud, Samuel C., Detroit, Mich. Casement window lock. 2,565,092, Aug. 21.
Reynaud, Samuel C., Detroit, Mich. Casement window operator. 2,576,536, Nov. 27.
Reynolds, Ben C., and C. A. Reynolds, Kane, Pa. Hobbyhorse having changeable gait. 2,559,798, July 10.
Reynolds, Clayton A.: *See*—
Reynolds, Ben C. and C. A.
Reynolds, Daniel P., Massillon, assignor to The Oak Rubber Company, Ravenna, Ohio. Apparatus for aligning balloons or the like. 2,576,891, Nov. 27.
Reynolds, Delbert D., and W. O. Kenyon, assignors to Eastman Kodak Company, Rochester, N. Y. Making cyclic ethers. 2,544,899, Mar. 13.
Reynolds, Delbert D., and W. O. Kenyon, assignors to Eastman Kodak Company, Rochester, N. Y. Preparing an α-methacryloxy propionamide. 2,545,044, Mar. 13.
Reynolds, Delbert D., and W. O. Kenyon, assignors to Eastman Kodak Company, Rochester, N. Y. New polymers containing lactam units in the polymer chain. 2,566,250, Aug. 28.
Reynolds, Delbert D., and W. O. Kenyon, assignors to Eastman Kodak Company, Rochester, N. Y. Reacting tertiary amines with polyvinyl esters and products obtained thereby. 2,571,761, Oct. 16.
Reynolds, Donald S., Niles, D. E. Hooker, Skokie, and A. E. Voirol, Oak Park, Ill., assignors, by mesne assignments, to Lyon Industries, Inc., New York, N. Y. Beverage dispensing apparatus. 2,548,241, Apr. 10.
Reynolds, Ellwood W.: *See*—
Hallam, Cecil A., and Reynolds.
Reynolds, Ellwood W., Westfield, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Rotary mechanism balanced for rotation about two nonparallel axes. 2,536,226, Jan. 2.
Reynolds, Ellwood W., Westfield, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Reel spindle. 2,571,061, Oct. 9.
Reynolds, Frank F., Houston, Tex. Marsh vehicle. 2,546,523, Mar. 27.
Reynolds Gas Regulator Company, assignee: *See*—
Hughes, George C.
Reynolds, Harold B., Oneida, N. Y. Vibrator system for supplying a plurality of direct currents with different voltages. 2,564,279, Aug. 14.
Reynolds, James A.: *See*—
Howland, Louis H., and Reynolds.
Messer, William E., and Reynolds.
Reynolds, Julian L., Richmond, Va. Apparatus for covering a metallic core with a cast layer of another metal. 2,543,936, Mar. 6.
Reynolds, Julian L., Richmond, Va. Radiant heating and therapeutic chamber. 2,543,937, Mar. 6.
Reynolds, Julian L., Richmond, Va. Radiant cover. 2,579,964, Dec. 25.
Reynolds, Kenneth L., Fort Fairfield, Maine. Barrel grapple. 2,576,193, Nov. 27.
Reynolds, Marvin J.: *See*—
Wise, Raleigh J., and Reynolds.
Reynolds, Maxwell K., assignee: *See*—
Vendien, Ragnor E.
Reynolds Metals Company, assignee: *See*—
Bureau, Achille G.
Cole, Eli.
Faria, Louis.
Johnson, Arthur F.
Mason, James F., and Hesch.
Moore, George A.
Price, Charles S.
Rethwisch, Francis B., and Babcock.
Reynolds, Richard S.
Sunderhauf, Frederick A.
Tichy, Charles.
Reynolds, Milton, and H. G. Barrett, assignors to Reynolds Printasign Co., Chicago, Ill. Inking arrangement for printing machines. 2,571,383, Oct. 16.
Reynolds, Noel S., St. Louis, Mo. Piston assembly. 2,571,486, Oct. 16.
Reynolds, Noel S., St. Louis, Mo. Seal construction. 2,574,062, Nov. 6.
Reynolds, Peter W.: *See*—
McNeil, Donald, and Reynolds.
Reynolds, Peter W., and D. M. Grudgings, Norton-on-Tees, England, assignors to Imperial Chemical Industries Limited. Preparation of tungsten oxide catalyst. 2,536,768, Jan. 2.
Reynolds Printasign Co., assignee: *See*—
Reynolds, Milton, and Barrett.
Reynolds, Richard S., assignor to Reynolds Metal Company, Richmond, Va. Adhering metal foil to nonmetallic carrying webs. 2,568,463, Sept. 18.
Reynolds, Robert H., Clarksdale, Miss. Garment hanger. 2,565,630, Aug. 28.
Reynolds Spring Company, assignee: *See*—
Reed, Clair S.
Reynolds, Warren S.: *See*—
Catlin, John P., Reynolds, and Hutzelman.
Yost, Kenneth J., Reynolds, and Turner.
Reynolds, Warren S., Bridgeport, and J. R. Turner, Stratford, assignors to Remington Arms Company Inc., Bridgeport, Conn. Article arranging. 2,538,706, Jan. 16.
Reynolds, Warren S., Westport, and J. R. Turner, Stratford, assignors to Remington Arms Company, Inc., Bridgeport, Conn. Continuous swaging machine. 2,538,707, Jan. 16.
Reynolds, Warren S., G. E. Bange, Westport, and J. R. Turner, Stratford, assignors to Remington Arms Company, Inc., Bridgeport, Conn. Article packaging machine. 2,555,861, June 5.
Reynolds, William, Media, Pa. Radio tube receptacle. 2,552,062, May 8.
Reynolds, William B.: *See*—
Fryling, Charles F., and Reynolds.
Reynolds, William B., and E. W. Cotten, deceased, by R. K. Harris, administrator, Bartlesville, Okla.; said W. B. Reynolds and E. W. Cotten, assignors to Phillips Petroleum Company. Diazo thioethers. 2,540,011, Jan. 30.

Reynolds, William B., Bartlesville, Okla., G. Kraus, and A. Conciatori, Cincinnati, Ohio, assignors to General Motors Corporation, Detroit, Mich. Laminated structure. 2,569,536, Oct. 2.
Reynolds, William G., St. Petersburg, Fla. Presser foot. 2,570,007, Oct. 2.
Reynst, Maximilien F., Eindhoven, Netherlands, assignor to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Capacitative pickup for pressure indicators. 2,547,780, Apr. 3.
Reyrolle, A., & Company Limited, assignee: *See*—
Allan, Archibald, and Small.
Rheeling, Victor S., Princeton, Ill. Dual-purpose vehicle wheel splash guard. 2,546,781, Mar. 27.
Rheem Manufacturing Company, assignee: *See*—
Brown, Dan A.
Funk William.
Hayes, Michael.
Rhees, Carm P., Staten Island, N. Y. Grinding, polishing, and feather-edging tool. 2,567,782, Sept. 11.
Rheineck, Alfred E., assignor to Hercules Powder Company, Wilmington, Del. Preparing nitrocellulose compatible resins from pentaerythritol, an alpha-beta unsaturated dicarboxylic acid and a rosin acid. 2,536,090, Jan. 2.
Rheineck, Alfred E., assignor to Hercules Powder Company, Wilmington, Del. Nitrocellulose compatible resins derived from a pentaerythritol, polymerized rosin and an alpha-beta unsaturated polycarboxylic acid and preparation. 2,536,091, Jan. 2.
Rheineck, Alfred E., assignor to Herculas Powder Company, Wilmington, Del. Preparing nitrocellulose compatible resins from pentaerythritol, an alpha-beta unsaturated dicarboxylic acid and a rosin acid. 2,536,658, Jan. 2.
Rheineck, Alfred E., assignor to Hercules Powder Company, Wilmington, Del. Nitrocellulose compatible pentaerythritol esters. 2,536,659, Jan. 2.
Rheineck, Alfred E., assignor to Hercules Powder Company, Wilmington, Del. Nitrocellulose compatible pentaerythritol esters. 2,536,660, Jan. 2.
Rheineck, Alfred E., assignor to Hercules Powder Company, Wilmington, Del. Nitrocellulose compatible pentaerythritol esters. 2,536,661, Jan. 2.
Rheineck, Alfred E., assignor to Hercules Powder Company, Wilmington, Del. Synthetic hard resins prepared from α,β-unsaturated polycarboxylic acids. 2,569,495, Oct. 2.
Rheiner, Alfred, and H. M. Hemmi, assignors to Sandoz Limited, Basel Switzerland. Formaldehyde-dicyandiamide polyhydroxypropylene-polyamine reaction product. 2,573,489, Oct. 30.
Rheiner, Alfred, and W. Hagenbuch, assignors to Sandoz, A. G., Basel, Switzerland. Electrical insulating material. 2,577,715, Dec. 4.
Rheinfrank, Eugene, New York, N. Y. Demonstrator. 2,562,210, July 31.
Rheinfrank, Eugene, New York, N. Y. Demonstrator. 2,573,490, Oct. 30.
Rheingold, Michael, and S. Van Mierlo, Zurich, Switzerland, assignors to International Standard Electric Corporation, New York, N. Y. Multiple reaction circuit amplifier. 2,559,662, July 10.
Rheo-France Compagnie Internationale des Rheolaveurs A. France, Societe Anonyme, assignee: *See*—
France, Antoine.
Rheostatic Company Limited, The, assignee: *See*—
Flight, Theodore N., Wilson, and Chinn.
Rhett, Haskell S., Wilmington, Calif. Attachment for rakes. 2,553,474, May 15.
Rhett, Haskell S., Wilmington, N. C. Shelving. 2,556,105, June 5.
Rheude, Andrew A., San Francisco, Calif. Clamp type bottle stopper. 2,556,297, June 12.
Rhine, Fred A., Augusta, Kans. Tray fence. 2,570,712, Oct. 9.
Rhinelander Paper Company, assignee: *See*—
Peters, Garrett H.
Rhines, Chester E., Glen Rock, N. J., assignor to United States Rubber Company, New York, N. Y. Increasing the particle size of synthetic resin latices. 2,538,273, Jan. 16.
Rhines, Chester E., Glen Rock, N. J., assignor to United States Rubber Company, New York, N. Y. Preservation of latex. 2,560,743, July 17.
Rhines, Chester E., Glen Rock, N. J., assignor to United States Rubber Company, New York, N. Y. Crude purified Hevea rubber. 2,560,744, July 17.
Rhoades, Don W., assignor to Automatic Equipment Manufacturing Company, Pender, Nebr. Hog oiler. 2,573,873, Nov. 6.
Rhoades, Russell G., San Francisco, Calif., assignor to Bechtel Brothers McCone Company. Radiographic inspection apparatus. 2,539,102, Jan. 23.
Rhoads, James C., Erie, Pa., assignor to General Electric Company. Pinion and gear axle drive and lubrication system therefor. 2,555,003, May 29.
Rhoads, Wilburt D., Highland Park, Pa., assignor to Radio Corporation of America. Signal system for preventing shock and undesirable interference. 2,539,674, Jan. 30.
Rhodehamel, Harley W., Jr., assignor to Eli Lilly and Company, Indianapolis, Ind. 2-chloroprocaine salt of penicillin. 2,547,782, Apr. 3.
Rhodehamel, Harley W., Jr., assignor to Eli Lilly and Company, Indianapolis, Ind. Penicillin salt. 2,567,679, Sept. 11.
Rhodehamel, Harley W., Jr., and W. B. Fortune, assignors to Eli Lilly and Company, Indianapolis, Ind. Streptomycin purification. 2,578,840, Dec. 18.
Rhoden, Elmer C., assignee: *See*—
Tranefors, Carl G.
Rhodes, Albert, Cleveland, Ohio. Replaceable insert for valves. 2,549,010, Apr. 17.
Rhodes, Bluffie L., Clearwater, S. C. Thread cutter and clamp for looms. 2,540,912, Feb. 6.
Rhodes, Clement T., The Lawns, Ascot, England. Internal-combustion engine. 2,561,674, July 24.
Rhodes, Daniel: *See*—
Austin, Leslie W., and Rhodes.
Rhodes, Doris A., Wichita, Kans. Support. 2,565,782, Aug. 28.
Rhodes, Edgar P.: *See*—
Hall, Theodore P., and Rhodes.
Rhodes, George H., Jackson Heights, and R. C. Lang, assignors to National Biscuit Company, New York, N. Y. Packaging machine. 2,555,816, June 5.
Rhodes, Harry B., Port Arthur, Tex. Weather strip. 2,566,070, Aug. 28.
Rhodes, Herbert C., Portland, Oreg., assignor to Read Standard Corporation. Dough piece controlled flour duster. 2,579,514, Dec. 25.
Rhodes, Leslie A., Upper Arlington, Ohio, assignor to The Jeffrey Manufacturing Company. Reversible crusher with traveling breaker plates. 2,547,888, Apr. 3.
Rhodes, Loran O., Craig, Colo. Quadding apparatus. 2,542,572, Feb. 20.
Rhodes, M. H., Incorporated, assignee: *See*—
Laviana, Lawrence J.
Rhodes, Marcus H.
Rhodes, Marcus H., assignor to M. H. Rhodes, Inc., Hartford, Conn. Timing device. 2,553,332, May 15.
Rhodes, Marcus H., assignor to M. H. Rhodes Incorporated, Hartford, Conn. Timer. 2,574,497, Nov. 13.
Rhodes, Thomas J., Clifton, N. J., assignor to United States Rubber Company, New York, N. Y. Safety inner tube. 2,564,607, Aug. 14.
Rhodes, Thomas J., Ramsey, N. J., assignor to United States Rubber Company, New York, N. Y. Extension control. 2,566,854, Sept. 4.
Rhotehamel, Ralph L., Dayton, Ohio. Fishing float. 2,560,129, July 10.
Rhyner, John, Alberni, British Columbia, Canada. Chimney top. 2,556,944, June 12.
Rhys, Cyril O., Jr.: *See*—
Packie, John W., and Rhys.
Rialto Corporation, The, assignee: *See*—
Schmitt, William H.
Rianda, Tom A., Gonzales, Calif. Gopher probe. 2,539,271, Jan. 23.
Riat, Henri, and H. Mayer, assignors to Ciba Limited, Basel, Switzerland. Making metalliferous azo dyestuffs. 2,536,957, Jan. 2.
Ribble, John M., Bartlesville, Okla., assignor to Phillips Petroleum Company. Maintaining heating value of a fuel gas. 2,564,791, Aug. 21.
Ribeiro, Walter G., Camden, N. J. Automatic ice-making machine. 2,550,497, Apr. 24.
Riblet, Henry J., Belmont, Mass., assignor to Raytheon Manufacturing Company. Balanced mixer. 2,568,090, Sept. 18.
Riblet, Henry J., Cambridge, Mass., assignor, by mesne assignments, to the United States of America as represented by the Secretary of War. Antenna. 2,540,757, Feb. 6.
Riblet, Henry J., Cambridge, Mass., assignor, by mesne assignments, to the United States of America as represented by the Secretary of War. Antenna. 2,543,468, Feb. 27.
Riblet, Henry J., Cambridge, Mass., assignor, by mesne assignments, to the United States of America as represented by the Secretary of War. Tilted slot antenna. 2,562,332, July 31.
Riblet, Henry J., Cambridge, Mass., and J. Steinberger, Chicago, Ill., assignors, by mesne assignments, to the United States of America as represented by the Secretary of War. Horn radiator adapted to be fed by a coaxial line. 2,548,821, Apr. 10.
Riblet, Henry J., and M. E. Van Valkenburg, Cambridge, Mass., assignors, by mesne assignments, to the United States of America as represented by the Secretary of War. Scalloped plural dipole antenna. 2,567,858, Sept. 11.
Riblet, Robert M., assignor to The Timken Roller Bearing Company, Canton, Ohio. Roller bearing cup spacer. 2,554,957, May 29.
Riblett, Earl W.: *See*—
Garbo, Paul W., and Riblett.
Keith, Percival C., and Riblett.
Ribley, Frank C., North Troy, N. Y. Combination screen and slatted blind for windows. 2,545,631, Mar. 20.
Ricardo & Co. Engineers (1927) Limited, assignee: *See*—
Alcock, John F.
Holt, George A., and Brook.
Ricardo, Harry R.

Ricardo, Harry R., assignor to Ricardo & Co. Engineers (1927) Limited, London, England. Internal-combustion engine operating on the four-stroke cycle with compression ignition. 2,545,793, Mar. 20.

Ricardo, Harry R., London, and G. A. Holt, Shoreham-by-Sea, England; said Holt assignor to said Ricardo. Internal-combustion engine operating on the two-stroke cycle with compression ignition. 2,542,707, Feb. 20.

Ricards, Charles L.: *See*—
Roesen, Oscar C., Ricards, and Tollison.
Tollison, Paul L., and Ricards.

Ricards, Charles L., South Plainfield, and I. Tornberg, assignors to Wood Newspaper Machinery Corporation, Plainfield, N. J. Stereotype plate finishing machine. 2,537,604, Jan. 9.

Ricards, Harold A., Jr., Cranford, and J. W. Ryder, Watchung, N. J., assignors to Standard Oil Development Company. Sweetening process. 2,570,277, Oct. 9.

Ricards, Harold A., Jr., Cranford, and J. W. Ryder, Watchung, N. J., assignors to Standard Oil Development Company. Sweetening process. 2,572,519, Oct. 23.

Ricchiardi, Pier C., assignee: *See*—
Roggero, Mario.

Ricci, Mary H., New York, N. Y. Shoe. 2,552,589, May 15.

Ricciordi, Louis, assignee: *See*—
Smith, Warren R., Mellenger, and Othmer.
Smith, Warren R., and Othmer.

Rice, Alexander P., assignor to Thorn Electrical Industries Limited, London, England. Lithium magnesium tungstate phosphor. 2,558,913, July 3.

Rice Barton Corporation, assignee: *See*—
Clem, Everett W.

Rice, Blaine M., Apollo, Pa. Mill screw motor control. 2,552,459, May 8.

Rice, Carl R. A.: *See*—
Stein, Frank S., Binns, Rice, and Bashkin.

Rice, Chester S., Schenectady, N. Y., assignor to General Electric Company. Baffle means for rotating bodies. 2,564,503, Aug. 14.

Rice, Chester W., Schenectady, N. Y., assignor to General Electric Company. Method and apparatus for electrically detecting vapors and the like. 2,550,498, Apr. 24.

Rice, Clifford M., Daytona Beach, Fla. Residential motor coach. 2,541,288, Feb. 13.

Rice, Curtis D., Omaha, Nebr., and G. G. Cook, Babylon, N. Y., assignors to Colgate-Palmolive-Peet Company, Jersey City, N. J. Packing mechanism. 2,559,318, July 3.

Rice, Dell E., South Bend, Ind. Anchor controlling device. 2,536,224, Jan. 2.

Rice, Floyd E., Maricopa County, Ariz. Soluble fertilizer applicator. 2,542,431, Feb. 20.

Rice, Fount L.: *See*—
Russell, George H., and Rice.

Rice, Frank T., Los Angeles, Calif. Limit torque gauge. 2,536,225, Jan. 2.

Rice, George P., Nashville, Tenn. Floor tile. 2,556,662, June 12.

Rice Growers Association of California, assignee: *See*—
Ramsden, Charles H., and Court.

Rice, Lawrence W., Cleveland, Ohio. Furnace tile and roof. 2,553,787, May 22.

Rice, Leo H., Council Bluffs, Iowa. Ground brake for roller skates. 2,566,747, Sept. 4.

Rice, Lyman A.: *See*—
Rady, William J., and Rice.

Rice, Owen, Bridgeville, Pa., assignor to Hall Laboratories, Inc. Producing ammonium phosphate. 2,561,415, July 24.

Rice, Philip K., Kenmore, N. Y., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Reciprocating piston and cylinder mechanism. 2,575,394, Nov. 20.

Rice, Richard E., Arlington, Mass., and W. P. Matthew, Washington, R. I., assignors to Comstock & Wescott, Inc., Cambridge, Mass. Heat-treating furnace. 2,543,708, Feb. 27.

Rice, Richard E., Winthrop, Mass., assignor, by mesne assignments, to Isthmian Metals, Inc. Making metal articles and products. 2,540,457, Feb. 6.

Rice, Thomas M., Providence, Ky. Quilting frame. 2,569,337, Sept. 25.

Rice, Warren A.: *See*—
Marmont, George H., and Rice.

Rice, Wendell C., Coulee Dam, Wash. Magnifier for pulse beat indicators. 2,572,389, Oct. 23.

Rich, Barrett G., Waterloo, assignor to Deere Manufacturing Co., Dubuque, Iowa. Vehicle radiator and engine mounting. 2,549,524, Apr. 17.

Rich, Barrett G., and J. P. Sandoval, Waterloo, Iowa, and B. G. Valentine, Kenmore, N. Y., assignors to Deere Manufacturing Co., Dubuque, Iowa. Oil filler and drain means for internal-combustion engines. 2,543,200, Feb. 27.

Rich, Charles C., Bridgeport, Conn. Tangleproof twine dispenser. 2,580,129, Dec. 25.

Rich, Eugene H., Pittsfield, and W. H. Roberts, Cheshire, Mass., assignors to General Electric Company. Automatic mandrel for capacitor winding machines, 2,565,325, Aug. 21.

Rich, George R., assignor to Rich Manufacturing Corporation, Battle Creek, Mich. Poppet valve assembly. 2,574,120, Nov. 6.

Rich, Homer C., Lake City, Ill. Provision for turning doughnuts in doughnut cookers. 2,547,490, Apr. 3.

Rich, Howard B., Carrollton, and A. Green, Worthville, Ky., assignors to Howard B. Rich, Inc. Collapsible support for ironing tables. 2,569,427, Sept. 25.

Rich, Howard B., Inc., assignee: *See*—
Rich, Howard B., and Green.

Rich, Hyman R., Chicago, Ill., assignor to West Disinfecting Company, Long Island City, N. Y. Insecticide atomizer. 2,550,164, Apr. 24.

Rich, Hyman R., New York, assignor to West Disinfecting Company, Long Island City, N. Y. Electric hand sprayer. 2,547,094, Apr. 3.

Rich, Lloyd R., Hayward, Calif. Automobile and window washer. 2,564,031, Aug. 14.

Rich Manufacturing Corporation, assignee: *See*—
Rich, George R.

Rich, Marion C., Denver, Colo., assignor to The Reece Corporation, Boston, Mass. Buttonhole sewing machine. 2,573,359, Oct. 30.

Rich, Stanley R., Cambridge, Mass., assignor, by mesne assignments, to Raytheon Manufacturing Company. Recording system. 2,539,553, Jan. 30.

Rich, Stanley R., Cambridge, Mass., assignor to Raytheon Manufacturing Company. Electrical system for indicating relative phase displacement. 2,546,407, Mar. 27.

Rich, Stanley R., Newton Center, Mass., and K. D. Kysor, Birmingham, assignors to Kysor-Rich Corporation, Detroit, Mich. Magnetic clutch. 2,571,762, Oct. 16.

Rich, Theodore A., Schenectady, N. Y., assignor to General Electric Company. Compensation circuit for electrostatic voltmeters. 2,545,386, Mar. 13.

Rich, Theodore A., Schenectady, N. Y., assignor to General Electric Company. Electric voltage, current, and phase-angle measuring instrument. 2,551,291, May 1.

Rich, Theodore A., Schenectady, N. Y., assignor to General Electric Company. Spark recorder apparatus. 2,560,247, July 10.

Rich, Theodore A., and J. E. Bigelow, Schenectady, N. Y., assignors to General Electric Company. Feed-back circuit. 2,547,662, Apr. 3.

Richard, André P.: *See*—
Petitcolas, Pierre, Sureau, and Richard.

Richard, Charles D., West New Brighton, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Impact measuring and recording mechanism. 2,537,858, Jan. 9.

Richard, Ernest N., Lille, France. Syringe for regional anesthesia of the lower jaw. 2,569,901, Oct. 2.

Richard, Gilbert, Epone, assignor to Office National d'Etudes & de Recherches Aeronautiques, Paris, France. Wing-tip control surface for aircraft. 2,565,990, Aug. 28.

Richard, John S., and C. Youngquist, deceased, Brooklyn, N. Y.; G. Youngquist, administratrix of said C. Youngquist. Fuse arrangement for electric wall outlets. 2,562,947, Aug. 7.

Richard, William E., Evansville, Ind., assignor to Seeger Refrigerator Company. Refrigerator having a secondary cooling means. 2,550,165, Apr. 24.

Richard, William E., Evansville, Ind., assignor to Seeger Refrigerator Company, St. Paul, Minn. Refrigerator door. 2,553,832, May 22.

Richard, William R., Ann Arbor, Mich., assignor to Monsanto Chemical Company, St. Louis, Mo. Plasticized polyvinyl formal resin. 2,541,667, Feb. 13.

Richard, William R., Ann Arbor, Mich., assignor to Monsanto Chemical Company, St. Louis, Mo. Plasticized polyvinyl formal resin. 2,561,314, July 17.

Richard, William R., Ann Arbor, Mich., assignor to Monsanto Chemical Company, St. Louis, Mo. Plasticized polyvinyl formal resin. 2,561,315, July 17.

Richards, Albert E. J.: *See*—
Wright, Frank C., Delamare, and Richards.

Richards, Edward A., and L. J. Ellison, London, England, assignors to International Standard Electric Corporation, New York, N. Y. Electric current rectifier. 2,568,764, Sept. 25.

Richards, Carroll H., Boston, Mass. Automatic and manually operated clutch. 2,544,107, Mar. 6.

Richards, Charles D., Eddyville, Ky. Multiple electrical rail bond. 2,544,180, Mar. 6.

Richards, Dwight, assignor to The Buda Company, Harvey, Ill. Power track drill. 2,555,246, May 29.

Richards, George E., and F. O. Standring, Sacramento, Calif. Truck mounted crane. 2,557,466, June 19.

Richards, Harry W., Washington, D. C. Spray device. 2,538,948, Jan. 23.

Richards, Henry I., Arlington, Va. Copyholder. 2,547,973, Apr. 10.

Richards, John C., Champaign, Ill., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Inhibition of acrylonitrile polymerization. 2,546,238, Mar. 27.

Richards, John J., Brookline, Mass. Apparatus for vaporizing liquid anesthetics. 2,572,199, Oct. 23.

Richards, John R., Riverside, assignor to Food Machinery and Chemical Corporation, San Jose, Calif. Lidder with overhead side flushers. 2,576,641, Nov. 27.

Richards, Lawrence M., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Homogeneous copolymers of aliphatic conjugated diolefin hydrocarbons with polymerizable vinyl carboxylates. 2,566,251, Aug. 28.
Richards, Leonard J., Wirral, and K. R. Williams, London, England, assignors to Shell Development Company, San Francisco, Calif. Inhibition of ice formation in fuels. 2,560,368, July 10.
Richards, Melbourne K.: *See*—
Benning, Anthony F., McHarness, Richards, and Feldmann.
Benning, Anthony F., and Richards.
Richards, Paul I.: *See*—
Huggins, William H., and Richards.
Richards, Ray: *See*—
McAleer, Charles F., and Richards.
Richards, Robert R., and W. K. Vietsch, Long Beach, Calif. Toilet attachment. 2,554,422, May 22.
Richards, Roman B.: *See*—
Hopper, Cecil M., and Richards.
Richards, William H., Dayton, Ohio. Photographic print washer. 2,539,475, Jan. 30.
Richards, William H., Dayton, Ohio. Quick emptying, movably mounted, spring-loaded supply container. 2,547,974, Apr. 10.
Richards, Victor L., assignor to Canadian Hanson and Van Winkle Company Limited, Toronto, Ontario, Canada. Ventilated buffing wheel. 2,573,874, Nov. 6.
Richardson, Alan C., Berkeley, and J. E. Dimick, El Cerrito, assignors to California Packing Corporation, San Francisco, Calif. Apparatus for dispersing vitamin carrying mediums in food products. 2,553,788, May 22.
Richardson, Allan S., Butte, Mont. Concentrating hygroscopic solution. 2,557,204, June 19.
Richardson, Allan S., Butte, Mont. Air-cooling apparatus. 2,573,491, Oct. 30.
Richardson, Arthur B. F. G., E. Tunnicliff, and I. K. Fisher, Leigh, assignors to British Insulated Callender's Cables Limited, London, England. Extrusion apparatus for covering cores. 2,560,778, July 17.
Richardson, Arthur D., assignor to Consolidated Engineering Corporation, Pasadena, Calif. Suspension galvanometer and magnet assembly. 2,550,720, May 1.
Richardson, Avery G., Boonton, N. J., assignor to International Standard Electric Corporation, New York, N. Y. Direction finding system. 2,559,663, July 10.
Richardson Company, The, assignee: *See*—
Dillehay, Edward R.
Neely, Glen W.
Richardson, David A.: *See*—
Moore, Richard E., and Richardson.
Richardson, Dora N.: *See*—
Curd, Francis H. S., and Richardson.
Richardson, Earl L., Hyde Park, Mass., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Electrostatic precipitator. 2,542,262, Feb. 20.
Richardson, Edwin M., and G. A. Grant, Montreal, Quebec, Canada, assignors, by mesne assignments, to Ayerst, McKenna & Harrison Limited, New York, N. Y. Recovery of actinomyces griseus elaboration products. 2,550,939, May 1.
Richardson, Frederick G., Detroit, Mich. Clinch nut. 2,561,638, July 24.
Richardson, Fowler, assignor of fifty per cent to E. E. Ryan, Lebanon, Junction, Ky. Box attachment for tractors. 2,551,901, May 8.
Richardson, Gay M., Saranac Lake, N. Y. Fastener. 2,555,420, June 5.
Richardson, George K.: *See*—
Stacey, Ernest W., Hannable, Hubbard, and Richardson.
Richardson, George K., Wenham, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Gun support. 2,537,236, Jan. 9.
Richardson, Henry M., Springfield, Mass., assignor to Mycalex Corporation of America, Clifton, N. J. Electrode with molded insulation. 2,558,878, July 3.
Richardson, Henry M., Springfield, and F. E. Wiley, Leominster, Mass., assignors to De Bell & Richardson, Inc., Hazardville, Conn. Flameless hot gas torch. 2,577,269, Dec. 4.
Richardson, Inez W., St. Louis, Mo. Collar. 2,559,226, July 3.
Richardson, Irvine M.: *See*—
Stanley, Nobe D., Sr., and Richardson.
Richardson, James B., Huson, Mont. Tractor propelled buck rake. 2,541,481, Feb. 13.
Richardson, James C., Utica, N. Y., assignor to The Brockway Company, Naugatuck, Conn. Pipe connecting. 2,544,108, Mar. 6.
Richardson, James C., Utica, N. Y., assignor to The Brockway Company, Naugatuck, Conn. Pipe connector. 2,545,930, Mar. 20.
Richardson, James C., Waterbury, assignor to The Brockway Company, Naugatuck, Conn. Pipe connection. 2,544,109, Mar. 6.
Richardson, James C., Waterbury, assignor to The Brockway Company, Naugatuck, Conn. Threaded coupling. 2,545,167, Mar. 13.
Richardson, James C., Waterbury, assignor to The Brockway Company, Naugatuck, Conn. Pipe connector. 2,545,168, Mar. 13.
Richardson, James C., Waterbury, assignor, to The Brockway Company, Naugatuck, Conn. Pipe connector. 2,547,889, Apr. 3.
Richardson, James C., Waterbury, assignor to The Brockway Company, Naugatuck, Conn. Self-upsetting coupling. 2,553,981, May 22.
Richardson, James C., and D. W. Soderberg, Olympia, Wash. Portable hoist. 2,573,604, Oct. 30.
Richardson, John N., assignor to Modern Equipment Company, Port Washington, Wis. Cupola charging apparatus. 2,543,379, Feb. 27.
Richardson, John N., assignor to Modern Equipment Company, Port Washington, Wis. Deflector for cupolas. 2,573,492, Oct. 30.
Richardson, Lawrence, Cambridge, Mass. Drop table. 2,537,372, Jan. 9.
Richardson, Lewis A., Pico, Calif. Fork truck lift frame attachment. 2,558,388, June 26.
Richardson, Linwood T., Wauwatosa, and M. R. Swinehart, assignors to Cutler-Hammer, Inc., Milwaukee, Wis. Electrical contact. 2,572,662, Oct. 23.
Richardson, Martin A., assignor to J. I. Case Company Racine, Wis. Overload release coupling. 2,561,136, July 17.
Richardson, Max C., Portland, Oreg. Connector for electric cords. 2,567,783, Sept. 11.
Richardson, Philip B., Montclair, assignor to Richardson Scale Company, Clifton, N. J. Weighing apparatus. 2,564,544, Aug. 14.
Richardson, Ransom L.: *See*—
Grant, Chester A., and Richardson.
Richardson, Richard, Coniston, near Hull, England. Hedge cutting machine. 2,579,862, Dec. 25.
Richardson, Richard P., Erith, England, and R. W. Lewis, Hawkhill, Dundee, Scotland, assignors to Burndept Limited, London, England. Primary electric cell. 2,542,094, Feb. 20.
Richardson, Roger W.: *See*—
Pierce, Jerry A., and Richardson.
Richardson Scale Company, assignee: *See*—
Richardson, Philip B.
Richardson, Thomas H.: *See*—
Wilkinson, Edwin R., and Richardson.
Richardson, Vernon C. H.: *See*—
Mathews, S. J., Jr., Richardson, Hurley, and Reglin.
Richardson, William F.: *See*—
Masek, Walter F., and Richardson.
Richartz, Paul J. M., assignor to Jacques Bolsey, New York, N. Y. Photographic camera interlock. 2,541,289, Feb. 13.
Richartz, Paul J. M., assignor to J. Bolsey, New York, N. Y. External flash synchronizing attachment for camera shutters. 2,546,319, Mar. 27.
Richarz, Hans H.: *See*—
Suddarth, Jack M., and Richarz.
Richelieu Corporation, assignee: *See*—
Hooton, Joseph H.
Richeson, Sanford E., Brooklyn, N. Y., assignor of one-third to L. C. Huber, Ridgewood, N. J., and one-third to J. A. Allegro, Maspeth, N. Y. Safety pressure cooker. 2,549,387, Apr. 17.
Richey, Albert E., Colorado Springs, Colo. Light reflecting cane. 2,561,228, July 17.
Richey, Bert, and J. Schofield, Carrier Mills, Ill. Lime spreading attachment for trucks. 2,555,934, June 5.
Richey, Clarence B., Royal Oak, assignor to Dearborn Motors Corporation, Highland Park, Mich. Trailer hitch for tractors. 2,544,181, Mar. 6.
Richey, Clarence B., Royal Oak, assignor to Dearborn Motors Corporation, Highland Park, Mich. Stabilizer for tractor mounted implements. 2,579,274, Dec. 18.
Richey, Kenneth A., Long Beach, Calif. Clothes hanger for automobiles. 2,573,275, Oct. 30.
Richey, Robert C., Springfield, Ohio. Tobacco pouch closure means. 2,555,935, June 5.
Richfield Oil Corporation, assignee: *See*—
Pollard, Robert O., Jr.
Zweifel, Henry C.
Richman, Bessie A., Loma Linda, Calif. Fastener of the slide buckle type. 2,539,272, Jan. 23.
Richman, Donald, Flushing, N. Y., assignor to Hazeltine Research, Inc., Chicago, Ill. Self-quench superregenerative arrangement. 2,576,642, Nov. 27.
Richman, Donald, New York, N. Y., assignor to Hazeltine Research, Inc., Chicago, Ill. Superregenerative wave-signal translating system. 2,579,338, Dec. 18.
Richman, Samuel L., White Plains, and A. Fitchman, Yonkers, assignors to Sonotone Corporation, Elmsford, N. Y. Rheostat. 2,576,044, Nov. 20.
Richmond, Henry H., Pittsburgh, Pa., assignor to United States Rubber Company, New York, N. Y. Preparation of dialkylacetals of aceto-acetaldehyde. 2,570,713, Oct. 9.
Richmond, Martin R., Cambridge, Mass., assignor to Radio Corporation of America. Obstacle-detector indicator system. 2,544,355, Mar. 6.
Richmond, Norman E., assignor to The Autocall Company, Shelby, Ohio. Supervisory and control circuit for coded fire alarm systems. 2,569,338, Sept. 25.
Richolt, Robert R.: *See*—
Dunn, William J., and Richolt.
Richter, Edward, Freeport, Ill. Hydraulic leveling apparatus for motor vehicles. 2,545,493, Mar. 20.

Richter, Edward, Freeport, Ill. Hydraulic leveling apparatus for motor vehicles. 2,545,494, Mar. 20.
Richter, Frederick P.: *See*—
Orkin, Bernard A., and Richter.
Richter, Frederick P., Woodbury, N. J., assignor to Socony-Vacuum Oil Company, Incorporated. Mineral oil compositions containing petroleum wax carboxylic acids. 2,560,986, July 17.
Richter, Frederick P., and E. W. Fuller, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated. 2,8-dihydroxydibenzothiophene. 2,571,384, Oct. 16.
Richter, Hartmut W., Rahway, N. J., assignor to Metal & Thermit Corporation, New York, N. Y. Purifying sodium stannate. 2,562,577, July 31.
Richter, Henry, assignor to Paramount Textile Machinery Co., Kankakee, Ill. Presetting cabinet. 2,572,893, Oct. 30.
Richter, Jiří, assignor to Bata, narodni podnik, Zlin, Czechoslovakia. Motion control for work clamping members of automatic sewing machines. 2,568,205, Sept. 18.
Richterkessing, Frank H., Louisville, Ky. Finishing furs. 2,574,452, Nov. 6.
Richterkessing, Frank H., assignor to W. M. Cissell Manufacturing Company, Incorporated, Louisville, Ky. Garment hanger. 2,580,193, Dec. 25.
Richwine, Francis E., Indianapolis, Ind. Teat cup liner for milking machines. 2,574,063, Nov. 6.
Rick, John J., Lorain, Ohio. Hook. 2,543,508, Feb. 27.
Rick, Walter W.: *See*—
Scherer, Robert P., J. O., and Rick.
Rickards, William H.: *See*—
Cronshey, Raymond W., and Rickards.
Rickel, Otto R.: *See*—
Smith, William R., and Rickel.
Rickerich, Frederick, Jr., Morsemere, and N. J. Edge, assignors to Colloid Corporation of America, Jersey City, N. J. Flexible rotor. 2,567,448, Sept. 11.
Rickert, Eduard, Zurich, Switzerland. Extraction and drying device. 2,539,702, Jan. 30.
Rickert, Fred A., Grayslake, and R. E. Crichton, Lake Villa, Ill. Refrigerating apparatus. 2,551,163, May 1.
Rickert, Frederick D., and A. L. Krum, assignors to Infants Socks, Inc., Reading Pa. Float thread cutter. 2,541,545, Feb. 13.
Rickert, Louis A., assignee: *See*—
Ehrler, Freeman O.
Rickes, Edward L.: *See*—
Keresztesy, John C., and Rickes.
Rickes, Edward L., Union, and T. R. Wood, Murray Hill, assignors to Merck & Co., Inc., Rahway, N. J. Vitamin B_{12}. 2,563,794, Aug. 7.
Ricketson, Oliver G., South Dartmouth, Mass. Combination seat, table, couch, and bar. 2,541,612, Feb. 13.
Ricketts, Frederick, assignee: *See*—
Ricketts, John L.
Ricketts, John L., assignor of one-half to F. Ricketts, Philadelphia, Pa. Optical lens marking machine. 2,555,657, June 5.
Rickley, Samuel S., Cannonsburg, assignor to Superior Steel Corporation, Pittsburgh, Pa. Peening machine. 2,539,205, Jan. 23.
Rickman, Lillie M., assignee: *See*—
Rickman, Marvin M.
Rickman, Marvin M., Columbus, Miss., assignor of fifty per cent to L. M. Rickman, Springfield, Ill. Lawn mower sharpening machine. 2,562,578, July 31.
Ricks, Bernard E., Detroit, Mich., assignor to Thompson Products, Inc., Cleveland, Ohio. Idler arm pivot joint. 2,578,645, Dec. 11.
Ricks, Bernard E., Ferndale, Mich., assignor to Thompson Products, Inc., Cleveland, Ohio. Adjustable joint assembly. 2,553,789, May 22.
Rickus, George M., assignor to Hat Corporation of America, Norwalk, Conn. Producing fur felt strips. 2,560,514, July 10.
Rickus, George M., Wilton, assignor to Hat Corporation of America, Norwalk, Conn. Container for hats. 2,540,992, Feb. 6.
Ric-wil Company, The, assignee: *See*—
McLeish, William S.
Riddell, Grace E.: *See*—
Brenner, Abner, Burkhead, and Riddell.
Riddell, Leo H., Saint Vincent de Paul, Quebec, assignor of thirty per cent to G. J. Turner, Montreal, Quebec, Canada. Flashlight with adjustable head. 2,539,974, Jan. 30.
Riddell, Donald W.: *See*—
Strickland, Harold A., Jr., and Riddell.
Ridder, Joseph U., Lakewood, assignor to The Yoder Company, Cleveland, Ohio. Metal furniture. 2,574,758, Nov. 13.
Riddiford, Richard G., assignor to The Airscrew Company Limited, Weybridge, England. Rotary fan. 2,573,875, Nov. 6.
Riddle, George H., Bethlehem, Pa., assignor to Bethlehem Steel Company. Guard rail assembly. 2,542,840, Feb. 20.
Riddle, Harvey W., Branford, Conn., assignor to The American Steel and Wire Company of New Jersey. Wire rope. 2,567,300, Sept. 11.
Riddle, Hubert J. N.: *See*—
Carpenter, Alfred R., and Riddle.
Riddle, Jeter H., Black Mountain, and W. G. Reed, Swannanoa, N. C., assignors to Beacon Manufacturing Company. Attachment for spinning frames. 2,560,476, July 10.
Rideout, John G., Chagrin Falls, assignor to Gendron Wheel Company, Perrysburg, Ohio. Reclining chair. 2,541,938, Feb. 13.
Rideout, John G., Chagrin Falls, assignor to Gendron Wheel Company, Perrysburg, Ohio. Lounge chair. 2,560,985, July 17.
Rideout, Vincent C., Red Bank, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Radar equipment testing system. 2,549,131, Apr. 17.
Rider, Clarence A., Houston, assignor to Steel Processing Company, Pittsburgh, Pa. Control valve. 2,572,950, Oct. 30.
Rider, Harry N., assignor to "Automatic" Sprinkler Corporation of America, Youngstown, Ohio. Sprinkler system and electrical control therefor. 2,561,229, July 17.
Rider, Harry N., assignor to "Automatic" Sprinkler Corporation of America, Youngstown, Ohio. Fire extinguishing foam system with deluge valve control. 2,575,468, Nov. 20.
Rider, Harry N., assignor to "Automatic" Sprinkler Corporation of America, Youngstown, Ohio. Automatic deluge valve. 2,575,469, Nov. 20.
Rider, Theodore H., Hinsdale, and S. D. Gershon, Chicago, Ill., assignors to Lever Brothers Company, Cambridge, Mass. Hair-dressing composition. 2,543,061, Feb. 27.
Rider, Theodore H., Hinsdale, and S. D. Gershon, Chicago, Ill., assignors to Lever Brothers Company, Cambridge, Mass. Refining glyceride oils. 2,544,725, Mar. 13.
Ridey, Emily D.: *See*—
Ridey, Paul G. and E. D.
Ridey, Paul G. and E. D., Cincinnati, Ohio. Infant's bottle holder. 2,579,701, Dec. 25.
Ridge, Donald C., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Power screw driver. 2,537,422, Jan. 9.
Ridge Tool Company, The, assignee: *See*—
Weibel, Herman, and Janik.
Wright, Clyde E.
Ridgely, Neville R., Jr., and W. H. Sohn, Baltimore, Md., assignors, by mesne assignments, to the United States of America as represented by the Secretary of the Navy. Clamp. 2,543,740, Feb. 27.
Ridgeway, Allen T., Yakima, assignor of one-quarter to E. H. O'Boyle and one-quarter to J. Ballack, Walla Walla, and one-quarter to H. R. Pinkerton, Seattle, Wash. Pipe threading machine. 2,567,784, Sept. 11.
Ridgeway, Leroy E., Long Beach, Calif. Contour marker and layout tool. 2,569,019, Sept. 25.
Ridgway, John A., Jr., Texas City, Tex., and P. Hill, Hammond, Ind., assignors to Pan American Refining Corporation, Texas City, Tex. Cracking with hydrofluoric acid catalyst. 2,540,379, Feb. 6.
Ridgway, Raymond R.: *See*—
Bridgman, Percy W., Ridgway, and van der Pyl.
Ridings, Gravice H.: *See*—
Wise, Raleigh J., and Ridings.
Ridler, Desmond S.: *See*—
Bray, Frederick H., Brown, and Ridler.
Bray, Frederick H., Hartley, and Ridler.
Bray, Frederick H., and Ridler.
Ridler, Desmond S., and L. R. Brown, London, England, assignors to International Standard Electric Corporation, New York, N. Y. Electric signaling system. 2,570,279, Oct. 9.
Ridley, Ian M., Burbank, Calif. Cement gun apparatus. 2,569,952, Oct. 2.
Riebe, Lyman C., La Fayette, Ind. Tool for hanging wallpaper. 2,548,393, Apr. 10.
Riebe, Theodore C., assignor to Automatic Electric Laboratories, Inc., Chicago, Ill. Protective device. 2,574,888, Nov. 13.
Rieber, Frank, New York, N. Y., assignor to Interval Instruments, Inc. Dew point meter. 2,542,944, Feb. 20.
Rieber, Frank, deceased, by L. Rieber, executrix, New York, N. Y., assignor to Geovision Incorporated. Electronic function generator. 2,557,691, June 19.
Rieber, Frank, assignor to Interval Instruments, Inc., New York, N. Y. Shock wave generator. 2,559,227, July 3.
Rieber, Frank, assignor to Interval Instruments, Inc., New York, N. Y. Electrical sorting system. 2,570,485, Oct. 9.
Rieber, Lu Garda, executrix: *See*—
Rieber, Frank.
Rieber, William K., Los Angeles, Calif. Sound record drive. 2,568,869, Sept. 25.
Riebman, Leon, U. S. Navy. System for maintaining maximum pulse definition on high Q networks. 2,537,090, Jan. 9.
Riebman, Leon, U. S. Navy. Heterodyne frequency converter. 2,572,880, Oct. 30.
Riebschlager, Anton H., Fresno, Calif. Electric wall incinerator. 2,559,228, July 3.
Riebschlager, Anton H., Fresno, Calif. Incinerator. 2,559,229, July 3.
Rieck, Gerard D.: *See*—
De Vriend, Johannes A., and Rieck.
Van Uden, Jules H. M., and Rieck.
Rieck, Philip, assignor of one-half to A. Schaffer, New Lisbon, N. J. Dehorning fluid ejector. 2,551,902, May 8.

Rieck, Russell W., Detroit, Mich. Compressor gas turbine combustion chamber with rotating and reciprocating valve therein. 2,578,596, Dec. 11.
Riede, Peter M.: *See*—
Zenner, George H., and Riede.
Riedel, Frederick G., Holyoke, assignor of one-half to R. S. F. Graham, Springfield, Mass. Portable self-contained liquid cooling apparatus. 2,554,638, May 29.
Riedel, Kurt A.: *See*—
Armitage, Joseph B., Lukey, Riedel, and Boehmer.
Riedel, John Y.: *See*—
Martin, Walter N., and Riedel.
Riedesel, Richard G., assignor to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Polishing sheet. 2,542,058, Feb. 20.
Riedesel, Richard G., St. Paul, and L. A. Martin, White Bear, assignors to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Abrading the interior surfaces of hollow ware. 2,573,220, Oct. 30.
Riedy, Earl T.: *See*—
Hausmann, Joseph A., and Riedy.
Riegel, Glen C., and E. E. Alexander, Peoria, and W. H. Lenz, Washington, assignors to Caterpillar Tractor Co., Peoria, Ill. Selective tempering by induction means. 2,549,930, Apr. 24.
Riegel, Glen C., and D. J. Wright, assignors to Caterpillar Tractor Co., Peoria, Ill. Heat-treating apparatus. 2,566,678, Sept. 4.
Riegel Paper Corporation, assignee: *See*—
Borden, George C., Jr.
Karlson, Karl R., and Peterson.
Rieger, Ernest W., Weirton, W. Va., assignor to National Steel Corporation. Apparatus for electrocoating strip-like material. 2,569,578, Oct. 2.
Rieger Manufacturing Company, The, assignee: *See*—
Rieger, Nelson M.
Rieger, Nelson M., assignor to The Rieger Manufacturing Company, Miamisburg, Ohio. Lawn sprinkler. 2,560,662, July 17.
Rieger, Nelson M., assignor to The Rieger Manufacturing Company, Miamisburg, Ohio. Apparatus for applying fertilizer to lawns. 2,563,961, Aug. 14.
Rieger, Nelson M., assignor to The Rieger Manufacturing Company, Miamisburg, Ohio. Rotary sprinker for lawns. 2,563,962, Aug. 14.
Rieger, Nelson M., Germantown, assignor to The Rieger Manufacturing Company, Miamisburg, Ohio. Pedal for bicycles or the like. 2,567,785, Sept. 11.
Riehl, William L., Marcy, N. Y., assignor to Union Fork & Hoe Company, Columbus, Ohio. Fluid fuel combustion apparatus and control therefor. 2,553,062, May 15.
Rieke, George A., Chicago, Ill. Liquid burning fuel. 2,564,504, Aug. 14.
Rieke, Irvin H., assignor to Rieke Metal Products Corporation, Auburn, Ind. Container nestable and contractible pouring spout. 2,561,596, July 24.
Rieke, Irvin H., assignor to Rieke Metal Products Corporation, Auburn, Ind. Flexible, retractable dispensing spout. 2,565,699, Aug. 28.
Rieke, John W.: *See*—
Doba, Stephen, Jr., and Rieke.
Rieke, John W., Astoria, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Bridging amplifier. 2,547,538, Apr. 3.
Rieke Metal Products Corporation, assignee: *See*—
Rieke, Irvin H.
Rieman, Hylma H., and C. L. Gray, Muncie, Ind. Vertically adjustable drop-leaf table. 2,560,821, July 17.
Riemann, Howard C., assignor to The Fulton Company, West Allis, Wis. Adjustable windshield visor. 2,544,045, Mar. 6.
Riemann, Howard C., assignor to The Fulton Company, West Allis, Wis. Variable width rigid awning. 2,560,248, July 10.
Riemenschneider, Edmund W., and W. C. Anderson, assignors to The Union Metal Manufacturing Company, Canton, Ohio. Separable pole clamp. 2,570,985, Oct. 9.
Riemer, Eno, assignee: *See*—
Keihl, Ernest F. W., Jr.
Rienau, Fred, Ridgewood, and J. F. Germain, Brooklyn, N. Y. Paneling. 2,569,902, Oct. 2.
Rienecker, Fred, San Francisco, Calif. Tool for positioning a stud on a sill. 2,575,595, Nov. 20.
Ries, Ernestine P., Delray Beach, Fla. Brassière. 2,542,881, Feb. 20.
Ries, Irene W., Sandusky, Ohio. Blanket shelf for beds. 2,562,333, July 31.
Ries, Kernell G., Niagara Falls, N. P. Robie, Lewiston, and P. von Doenhoff, assignors to The Carborundum Company, Niagara Falls, N. Y. Resin bonded abrasive article and manufacturing the same. 2,559,664, July 10.
Ries, Kernell G., and G. J. Goepfert, assignors to The Carborundum Company, Niagara Falls, N. Y. Making resin bonded abrasive articles. 2,559,665, July 10.
Riesche, William W.: *See*—
Yates, Robert E., Engel, and Riesche.
Rieschick, Richard R., New York, N. Y. Accordion. 2,576,480, Nov. 27.
Riese, Karl F.: *See*—
Williams, James T., and Riese.
Riesenecker, Frank, San Antonio, Tex. Boat construction. 2,554,059, May 22.
Riesenfeld, Fred C.: *See*—
Blohm, Clyde L., Riesenfeld, and Frazier.
Rieser, John D., San Francisco, Calif. Variable-speed drive. 2,573,493, Oct. 30.
Riesner, Milton, Pelham, N. Y. Expansion joint for a base flashing. 2,545,705, Mar. 20.
Rietdyke, Charles: *See*—
Sperry, Roger S., and Rietdyke.
Rieth, Harold F., assignor to Kingston Products Corporation, Kokomo, Ind. Ultra high frequency tuning apparatus. 2,557,234, June 19.
Riethof, George, Pittsburgh, C. W. Montgomery, Oakmont, and G. P. Brown, Jr., assignors to Gulf Research & Development Company, Pittsburgh, Pa. Production of lubricating oils. 2,560,479, July 10.
Rietveld, Jane, assignor to The Gottfried Company, Cleveland, Ohio. Overblouse. 2,541,382, Feb. 13.
Rietz, Carl A.: *See*—
Newkirk, William B., Williams, Rietz, and Dunwody.
Rietz, Carl A., assignor to Rietz Manufacturing Co., San Francisco, Calif. Screen structure for hammer mills. 2,543,599, Feb. 27.
Rietz Manufacturing Co., assignee: *See*—
Newkirk, William B., Williams, Rietz, and Dunwody.
Rietz, Carl A.
Rieveschl, George, Jr., Grosse Pointe Woods, assignor to Parke, Davis & Company, Detroit, Mich. Omega-haloalkyl benzhydryl ether and making same. 2,567,350, Sept. 11.
Rieveschl, George, Jr., Grosse Pointe Woods, assignor to Parke, Davis & Company, Detroit, Mich. Manufacture of benzhydryl ethers. 2,567,351, Sept. 11.
Rieveschl, George, Jr., Grosse Pointe Woods, assignor to Parke, Davis & Company, Detroit, Mich. Hydroxyalkyl fluorenyl amines. 2,573,607, Oct. 30.
Rieveschl, George, Jr., Grosse Pointe Woods, assignor to Parke, Davis & Company, Detroit, Mich. N-fluorenyl N-alkyl β-haloalkyl amines. 2,573,608, Oct. 30.
Rieveschl, George, Jr., Grosse Pointe Woods, and W. R. Coleman, Grosse Pointe, assignors to Parke, Davis & Company, Detroit, Mich. Tertiary amines and obtaining the same. 2,573,605, Oct. 30.
Rieveschl, George, Jr., Grosse Pointe Woods, and W. R. Coleman, Grosse Pointe, assignors to Parke, Davis & Company, Detroit, Mich. Lower alkyl and alkenyl N-(1-naphthyl methyl) N-hydroxyethyl amines. 2,573,606, Oct. 30.
Rifenbergh, C. Morgan, assignee: *See*—
Rifenbergh, Clare M.
Rifenbergh, Clare M., Port Huron, Mich. Electrical torque measuring system. 2,557,393, June 19.
Rifenbergh, Clare M., Chesterton, Ind., assignor, by mesne assignments, to C. M. Rifenbergh, Plymouth, Mich. Stress measuring apparatus. 2,553,833, May 22.
Riffet, Marcel: *See*—
Pellat-Finet, Jean-Louis, and Riffet.
Rifley, Florence R., assignee and administratrix: *See*—
Rifley, Ray W.
Rifley, Ray W., deceased, Denver, Colo.; Florence Ross Rifley, administratrix of said Ray W. Rifley, assignor, by mesne assignments, to Florence Ross Rifley, Denver, Colo. Circular radiator air heating furnace with spiral air baffles. 2,543,201, Feb. 27.
Rifken, Jacob, Wilkes-Barre, Pa. Lock and key. 2,557,565, June 19.
Rifkin, Ellis B., and D. H. Ewen, Detroit, Mich., assignors to Ethyl Corporation, New York, N. Y. Deleading gasoline. 2,580,243, Dec. 25.
Rifkin, Irving J., assignee: *See*—
Weissberg, Melvin.
Rifkin, Samuel: *See*—
Hepperlen, John A., and Rifkin.
Rigby, Arthur U.: *See*—
Tuck, Ralph, Hughes, and Rigby.
Rigby, Ernest E., Preston, England. Brush drive mechanism for carpet sweepers. 2,563,189, Aug. 7.
Rigby, Francis L., Toronto, Ontario, Canada. Acid hydrolysis of proteins. 2,578,946, Dec. 18.
Rigby, Richard, Great Crosby, Liverpool, England, assignor to Shell Development Company, San Francisco, Calif. Heat exchanger. 2,578,945, Dec. 18.
Rigert, Max: *See*—
Van Ryan, Anthony, and Rigert.
Rigg, Eric J. V., Manchester, England. Automatic doffing motion for spinning doubling and winding frames. 2,564,280, Aug. 14.
Riggs Distler & Co., Inc., assignee: *See*—
Button, John S., Jr.
Riggs, Florida L., Gilcrest, Colo. Insole-type appliance. 2,546,408, Mar. 27.
Riggs, Frederick S., assignor to Wingfoot Corporation, Akron, Ohio. Bevel seat rim. 2,563,748, Aug. 7.
Riggs, George: *See*—
Giroud, Henry A., Irwin, Kille, Retallack, Riggs, and Strickler.
Riggs, Lorrin A., Providence, R. I., assignor to the United States of America as represented by the Secretary of War. Panoramic telescope for guns. 2,557,205, June 19.
Riggs, Robert W., Stamford, Conn., assignor to Remington Rand Inc., Buffalo, N. Y. Visible card index. 2,579,757, Dec. 25.

Riggs, Sidney, Long Beach, Calif. Blade type grass edger. 2,540,597, Feb. 6.
Rightley, George E.: *See*—
Seaman, Joseph J., and Rightley.
Righton, Joseph J., assignor to Joseph Lucas Limited, Birmingham, England. Fluid-operated servo mechanism. 2,572,390, Oct. 23.
Rigid Limited, assignee: *See*—
Glaser, Rolf.
Rigterink, Raymond H.: *See*—
Coleman, Gerald H., and Rigterink.
Riha, Cyril M., assignor to Design Development Corporation, Atlanta, Ga.. Shrimp cleaner. 2,541,781, Feb. 13.
Rike, Howard A., Los Angeles, Calif. Thermostatic switch. 2,559,372, July 3.
Rike, Siles E., Centerton, Ind. Brick handling fork mechanism. 2,578,016, Dec. 11.
Rikelman, Nathan, New York, N. Y. Folding adjustable beach chair. 2,561,886, July 24.
Rikelman, Nathan, Bronx, N. Y. Illuminated shoe device. 2,572,760, Oct. 23.
Riker, Charles O., Morristown, assignor to Stapling Machines Co., Rockaway, N. J. Conveyer for wired box parts. 2,557,515, June 19.
Riker, Robert T., and J. H. Molat, New York, N. Y. Fluorescent light safety lock remover. 2,562,211, July 31.
Rile-Coe Filter Process, Inc., assignee: *See*—
Coe, Mayne R.
Riley, Arthur, Sudbury, Ontario, Canada. Golf swing practicing device. 2,563,276, Aug. 7.
Riley, Cyril R.: *See*—
Harris, George H., and Riley.
Riley, Fred W.: *See*—
Karjala, Sulo A., and Riley.
Riley, Jesse L.: *See*—
Plunguian, Mark, and Riley.
Riley, Philip A., Dayton, assignor to The Dolly Toy Company, Tipp City, Ohio. Character picture. 2,577,270, Dec. 4.
Riley, Robert H., Jr., and T. W. Holland, assignors to The Black & Decker Manufacturing Company. Towson, Md. Battery testing and charging apparatus. 2,540,174, Feb. 6.
Riley, Roy J., Tulsa, Okla. Removable window sash. 2,544,046, Mar. 6.
Riley, Roy J., Tulsa, Okla. Removable window sash. 2,570,986, Oct. 9.
Riley Stoker Corporation, assignee: *See*—
Hall, Fred B.
Johnson, Oscar A.
Miller, Earle C.
Miller, Earle C., and Neilson.
Rehm, Gustav A.
Riling, Ellsworth L., assignee: *See*—
West, Thomas J.
Rimailho, Emile, Pont-Errembourg, France. Railway vehicle decomposable into two vehicles fit for road running. 2,564,311, Aug. 14.
Rimann, Walter, assignor to Sulzer Freres, Societe Anonyme, Winterthur, Switzerland. Sewage disposal system. 2,551,395, May 1.
Rimbach, Henry W.: *See*—
Rively, Clair M., and Rimbach.
Rimbach, Henry W., Bloomfield, N. J., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Electrophoretic method of coating wire with graphite. 2,576,362, Nov. 27.
Rimer, Ralph R.: *See*—
Elmer, William B., and Rimer.
Rimes, Roy, assignee: *See*—
Howard, Ira F.
Rimple, Edward J., assignor to Rimple Manufacturing Co., Santa Clara, Calif. Material distributor. 2,537,913, Jan. 9.
Rimple Manufacturing Co., assignee: *See*—
Rimple, Edward J.
Rinaldo, Walter, Toronto, assignor to Moffats Limited, Weston, Ontario, Canada. Hinge mechanism for range doors. 2,579,091, Dec. 18.
Rinaldy, Edward S., Chester, N. J. Single or offset contact type micrometer gauge. 2,576,142, Nov. 27.
Rinderle, Karl T., assignor to Brown Industries Incorporated, Sandusky, Ohio. Molding flask and molding. 2,538,656, Jan. 16.
Rinehart, Alan G., New York, N. Y. Ornament for slide fasteners. 2,570,378, Oct. 9.
Rinehart, Dean C., Fort Wayne, Ind., assignor to General Electric Company. Reciprocating compressor with unloading and capacity modulating control. 2,555,004, May 29.
Rinehart, Ernestine, New York, N. Y. Necktie. 2,545,971, Mar. 20.
Rines, Robert H., Brookline, Mass. System and method of communication. 2,539,476, Jan. 30.
Rines, Robert H., Brookline, Mass. Portable radio telephone. 2,539,477, Jan. 30.
Rines, Robert H., Brookline, Mass. Electroacoustic system. 2,539,593, Jan. 30.
Rines, Robert H., Brookline, Mass. Plural image radio locator system. 2,553,606, May 22.
Rines, Robert H., Cambridge, Mass. Electric system. 2,571,163, Oct. 16.
Rines, Robert H., Cambridge, Mass. Electric system. 2,571,164, Oct. 16.
Rines, Robert H., Cambridge, Mass. Radio wave receiving system. 2,571,165, Oct. 16.
Rines, Robert H., Cambridge, Mass. Stereoscopic image reception by millimetric radiation. 2,571,612, Oct. 16.
Rines, Robert H., Cambridge, Mass., and I. S. Blonder, Flushing, N. Y. System and method of communication. 2,539,594, Jan. 30.
Ring, Douglas H., Red Bank, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signal wave duplexing system. 2,547,539, Apr. 3.
Ring, Roland, Houston, Tex., assignor to Sperry-Sun Well Surveying Company, Philadelphia, Pa. Well surveying instrument. 2,559,373, July 3.
Ringel, Samuel J.: *See*—
Feinstein, Louis, and Ringel.
Ringer, Luther: *See*—
Geldhof, Peter E., and Ringer.
Geldhof, Peter E., Ringer, and Morrison.
Ringk, William F., Newark, N. J., and S. K. Freeman, Brooklyn, N. Y., assignors to Benzol Products Company, Newark, N. J. Rendering metal surfaces antiseptic and products therefrom. 2,574,225, Nov. 6.
Ringkjob, Ragnar E. T., and W. Pouliart, Antwerp, Belgium, assignors to International Standard Electric Corporation, New York, N. Y. Local battery party-line lockout system. 2,543,062, Feb. 27.
Ringland, William L., West Allis, Wis., assignor, by mesne assignments, to the United States of America as represented by the United States Atomic Energy Commission. Alternating current generator. 2,539,273, Jan. 23.
Ringlee, Robert J., Schenectady, N. Y., assignor to General Electric Company. Reset circuit for Eccles-Jordan triggered multivibrator circuits. 2,555,999, June 5.
Ringler, William A., Wayne, Pa., assignor to The Gardner Board and Carton Co. Reinforced knockdown box. 2,551,164, May 1.
Ringler, William A., Wayne, Pa., assignor to The Gardner Board and Carton Co. Collapsible paperboard bottle carrier. 2,556,341, June 12.
Ringler, William A., Wayne, Pa., assignor to The Gardner Board and Carton Co. Collapsible carrier with means for maintaining expanded conditions. 2,556,778, June 12.
Ringler, William A., Wayne, Pa., assignor to The Gardner Board and Carton Co. Carrier with interlocking partition elements. 2,559,374, July 3.
Ringler, William A., Wayne, Pa., assignor to The Gardner Board and Carton Co. Applying end closures to containers. 2,562,579, July 31.
Ringler, William A., Wayne, Pa., assignor to The Gardner Board and Carton Co. Paperboard carton capable of holding liquids. 2,563,619, Aug. 7.
Ringler, William A., Wayne, Pa., assignor to The Gardner Board and Carton Co. Automatically partitioned carrier. 2,563,620, Aug. 7.
Ringler, William A., Wayne, Pa., assignor to The Gardner Board and Carton Co., Middletown, Ohio. Stabilized paperboard carrier. 2,564,449, Aug. 14.
Ringler, William A., Wayne, Pa., assignor to The Gardner Board and Carton Co. One-piece lined box. 2,568,170, Sept. 18.
Ringler, William A., Wayne, Pa., assignor to The Gardner Board and Carton Co. Carton for incandescent lamps. 2,569,733, Oct. 2.
Ringo, Atlee, Bloomington, Ill. Electric range tester and analyzer. 2,567,859, Sept. 11.
Ringrose, Lorraine A.: *See*—
Schroeder, Herman E., and Ringrose.
Ringrose, Robert H., Mosman, New South Wales, Australia. Restraining wall decking. 2,566,748, Sept. 4.
Ringwald, Eugene L.: *See*—
Mowry, David T., and Ringwald.
Rinia, Herre, Eindhoven, Netherlands, assignor to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Centered rotation-symmetrical Schmidt type optical system. 2,551,852, May 8.
Rinia, Herre, Eindhoven, Netherlands. Receiver for modulated radio frequency pulses. 2,552,496, May 8.
Rinia, Herre, and H. de Brey, Eindhoven, Netherlands, assignors to Hartford National Bank & Trust Co., Hartford, Conn., as trustee. Apparatus for regulating the indicated power of hot gas motors. 2,547,781, Apr. 3.
Rinia, Herre, and F. L. van Weenen, Eindhoven, Netherlands, assignors to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Driving rod for tumbler disk driving gears. 2,554,121, May 22.
Rinia, Herre, and L. M. L. J. Leblans, Eindhoven, Netherlands, assignors, by mesne assignments, to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Optical system and alignment means therefor. 2,559,799, July 10.
Rinia, Herre, and F. L. van Weenen, Eindhoven, Netherlands, assignors to Hartford National Bank & Trust Co., Hartford, Conn., as trustee. Hot gas motor with concentrically disposed heat exchange components. 2,560,987, July 17.
Rinia, Herre, H. de Brey, and W. J. van Heeckeren, Eindhoven, Netherlands, assignors to Hartford National Bank & Trust Company, Hartford, Conn., as trustee. Hot-gas engine with automatically controlled heating means. 2,564,097, Aug. 14.

Rinia, Herre, H. de Brey, and F. L. van Weenen, Eindhoven, Netherlands, assignors to Hartford National Bank & Trust Co., Hartford, Conn., as trustee. Traction hot-gas engine with speed and power control. 2,579,702, Dec. 25.
Rinis, Theodore, Washington, D. C. Parka. 2,560,598, July 17.
Rinkel, Silas, Bismarck, N. Dak. Motor lift attachment. 2,575,564, Nov. 20.
Rinker, Leslie V., Baltimore, Md., and J. C. Gardner, Cincinnati, Ohio. Storm window shade. 2,541,546, Feb. 13.
Rinker, Wilhelm, assignor to Ernst Leitz G. m. b. H., Wetzlar, Germany. Projection measuring device with screen and scale sections. 2,569,579, Oct. 2.
Rinkhoff, Edward A., Belle Vernon, Pa. Pure smoke pipe. 2,566,906, Sept. 4.
Rinne, John, Staten Island, N. Y., E. H. Ashton, Allston, R. G. Mallard, Hopedale, Mass., and F. G. Lake, New York, N. Y., assignors, by mesne assignments, to Steel and Alloy Tank Company, Newark, N. J. Cloth roll support device. 2,564,342, Aug. 14.
Rinne, John, Staten Island, N. Y., E. H. Ashton, Allston, R. G. Mallard, Hopedale, Mass., and F. G. Lake, New York, N. Y., assignors, by mesne assignments, to Steel and Alloy Tank Company, Newark, N. J. Mechanism for maintaining cloth in contact with take-up roll. 2,564,343, Aug. 14.
Rinnman, Harry, St. Charles, Ill. Air conditioning device. 2,540,758, Feb. 6.
Rinshed-Mason Company, assignee: *See*—
McCauley, Myron D.
Rio, Joseph: *See*—
Duke, Marshall, Rio, and Hohing.
Riordan, Howard C., Oak Park, Ill. Tampon. 2,553,382, May 15.
Rios, Kenneth J., assignor of one-half to B. J. Hoffman, Jr., Los Angeles, Calif. Infrared release of water of crystallization. 2,577,209, Dec. 4.
Rip-Bits, Limited, assignee: *See*—
Griffiths, Hugh M.
Ripke, August C., Austin, Minn. Transmission. 2,548,394, Apr. 10.
Ripley, George, III, Bradenton, Fla. Coin controlled electric circuit. 2,543,938, Mar. 6.
Ripon Knitting Works, assignee: *See*—
Reed, Alfred S.
Rippenbein, Albert P., New York, N. Y. Folding pedal yoke. 2,536,466, Jan. 2.
Rippere, Robert O., Massapequa, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Code recording control circuit. 2,546,835, Mar. 27.
Rippere, Robert O., Massapequa, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Ground trainer for training aircraft crews. 2,554,155, May 22.
Rippetoe, Earnest T., assignee: *See*—
Rouis, Joseph J. and R. J.
Rippingille, Edward V., Farmington, Mich., assignor to General Motors Corporation, Dayton, Ohio. Engine reciprocating unit. 2,563,371, Aug. 7.
Rippon, Harold R., East Lynn, Mass., assignor to The Stanley Works, New Britain, Conn. Marking gauge. 2,579,205, Dec. 18.
Risberg, Johannes V. M., Ostertalje, assignor to Aktiebolaget Separator, Stockholm, Sweden. Evaporating apparatus. 2,562,739, July 31.
Risch, Arthur H., Wauwatosa, assignor to Pulp Reproduction Company, Milwaukee, Wis. Molded pulp corner protector. 2,560,249, July 10.
Rishel, James B., assignor of 25 per cent to W. Becker, Dayton, Ohio. Tiltable ball game table. 2,562,126, July 24.
Risher, John D.: *See*—
Adams, Douglas D., Rollius, and Risher.
Risien, George W., Toledo, Ohio. Window structure. 2,550,024, Apr. 24.
Risley, Roger E., Bradford, Pa., assignor to Dresser Industries, Inc., Cleveland, Ohio. Ball lock coupling. 2,561,887, July 24.
Risley, Roger E., and P. B. Scharf, Bradford, Pa., assignors to Dresser Industries, Inc., Cleveland, Ohio. Knife sharpener. 2,566,809, Sept. 4.
Risley, Thomas J.: *See*—
Walz, Claude W., and Risley.
Rissberger, Arthur C., Jr.: *See*—
Isaac, Joseph, and Rissberger.
Risse, John E., Eldora, Iowa. Vertically adjustable trailer. 2,563,372, Aug. 7.
Rissland, Edwin E., Newark, N. J. Device for teaching perspective. 2,571,613, Oct. 16.
Ristau, Alfred G.: *See*—
Ristau, Arnold E. and A. G.
Ristau, Arnold E. and A. G., assignors to Ristaucrat, Inc., Kaukauna, Wis. Automatic record changing phonograph. 2,546,136, Mar. 20.
Ristaucrat, Inc., assignee: *See*—
Ristau, Arnold E. and A. G.
Ristvedt, Victor G., Albany, Ga. Separable vehicle wheel. 2,554,385, May 22.
Ritala, Aaro M., Turku, Finland. Apparatus for radium therapy applied in the cavity of the body. 2,544,939, Mar. 13.
Ritcher, Bruno, Glen Ellyn, Ill. Expansible surgical needle. 2,566,499, Sept. 4.
Ritchie, Alexander J., assignor to Electric Boat Company, Bayonne, N. J. Synthetic smoke. 2,563,621, Aug. 7.
Ritchie, Ben T., Salt Lake City, Utah. Egg cooker. 2,545,308, Mar. 13.
Ritchie, Dayton S., Lincolnton, N. C. Tool. 2,540,292, Feb. 6.
Ritchie, John R., Minneapolis, Minn. Leaf bagging device. 2,539,635, Jan. 30.
Ritchie, Robert O., Monterey Park, and S. Mitchell, San Gabriel, Calif. Photoelectric time switching control. 2,538,536, Jan. 16.
Rite-Hite Corporation, assignee: *See*—
Harris, Paul J.
Ritepoint Co., assignee: *See*—
Brewer, Harry W.
Johnson, Clifford N.
Rite-Way Products Co., assignee: *See*—
Wall, Sam P.
Rither, Lee S., Chicago Heights, Ill. Dual-purpose brake mechanism. 2,544,471, Mar. 6.
Ritscher, William J. S., Evanston, Ill. Dust cover for drawers. 2,564,448, Aug. 14.
Ritter, Alden J., assignor to The C. A. Olsen Manufacturing Company, Elyria, Ohio. Vent means for oil-burning furnaces. 2,546,409, Mar. 27.
Ritter, Alex S., San Rafael, Calif. Axially shifting type frame suspended tire removing device. 2,536,139, Jan. 2.
Ritter, Andrew, Pittsburgh, Pa. Fishing line guide. 2,544,238, Mar. 6.
Ritter, Bert, Detroit, Mich., assignor, by mesne assignments, to McKee Door Company, Aurora, Ill. Intermediate support for rotatable threaded members. 2,550,721, May 1.
Ritter Company, Inc., assignee: *See*—
Blatz, Hanson.
Lauterbach, Norman E.
Morrison, Montford.
Sweeney, Frank B.
Ziegler, Eugene R.
Ritter, Eugene L., assignor to The Cincinnati Lathe & Tool Co., Cincinnati, Ohio. Screw-cutting lathe. 2,572,759, Oct. 23.
Ritter, George W.: *See*—
Parker, Howard A., and Ritter.
Ritter, Herman, Cranford, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Presser device for sewing machines. 2,550,499, Apr. 24.
Ritter, Herman, Cranford, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Bobbin rotation restraining means for sewing machines. 2,555,658, June 5.
Ritter, John J., Yonkers, N. Y. Producing N-mono substituted imidic compounds. 2,573,673, Oct. 30.
Ritter, Saul, assignor of one-half to M. J. Bruner, New York, N. Y. Extensible connector for bracelets or the like. 2,542,358 Feb. 20.
Ritterbusch, Harry F., Southbridge, Mass., and H. L. Langevin, Hartford, Conn., assignors to American Optical Company, Southbridge, Mass. Polishing pad. 2,544,940, Mar. 13.
Ritterhoff, Eric K.: *See*—
Meyer, Leonard S., and Ritterhoff.
Rittner, Edmund S Peekskill, assignor to Phillips Laboratories, Inc., Irvington on Hudson, N. Y. Electron device with semiconductive target. 2,540,490, Feb. 6.
Rittner, Edmund S., White Plains, assignor to Philips Laboratories, Inc., Irvington on Hudson, N. Y. Long wave length infrared radiation detector. 2,547,173, Apr. 3.
Ritz, Francis U., Poughkeepsie, assignor to International Business Machines Corporation, New York, N. Y. Platen adjusting means for typewriters. 2,566,963, Sept. 4.
Ritz, John H.: *See*—
Norton, Charles W., and Ritz.
Rivard, Lawrence B., Dearborn, and E. P. Rauh, Wixom, assignors to Ford Motor Company, Dearborn, Mich. Hood hinge and guide mechanism. 2,548,492, Apr. 10.
Rivas, Manuel A. M.: *See*—
Rojas, Francisco A. J., and Rivas.
Rively, Clair M., and H. W. Rimbach, Bloomfield, N. J., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Socket for series lamps and string thereof. 2,576,363, Nov. 27.
Rivera, Aureo, New York, N. Y. Self-adjusting chair. 2,548,066, Apr. 10.
Riverdale Technical Corporation, assignee: *See*—
Pozarik, Alfred.
Riverman, Francis E., assignor to H. L. Cook and L. R. Schermerhorn, doing business as Cook and Schermerhorn, Portland, Oreg. Automatic door operating mechanism. 2,542,432, Feb. 20.
Rivero, Horace M., Tampa, Fla. Artificial fishing lure. 2,567,728, Sept. 11.
Rivers, Heyward, Augusta, Ga., assignor to The Babcock & Wilcox Company, Rockleigh, N. J. Device for fluid flow between relatively moving objects. 2,570,179, Oct. 2.

Rivers, Hubert M., Philadelphia, Pa., assignor to Hall Laboratories, Inc. Method and apparatus for effecting self-regulated partial condensation of condensable vapors. 2,549,388, Apr. 17.

Rivers, Ralph J., Syracuse, N. Y. Educational ball runway toy. 2,543,380, Feb. 27.

Riverside Cement Company, assignee: *See*—
Adams, Charles D.

Riverside Mills, assignee: *See*—
Cone, Ralph R.

Rives, Walter L., Jacksonville, Fla. Pulley. 2,546,782, Mar. 27.

Rivoche, Eugene, assignee: *See*—
Barsky, Georges, and Rivoche.

Rivoche, Eugene, Washington, D. C. Method and technique of food drying. 2,572,761, Oct. 23.

Rivoche, Eugene, Washington, D. C. Preserving moisture-containing cellular foodstuffs. 2,572,762, Oct. 23.

Rivoche, Eugene, and M. Barsky, Washington, D. C. Apparatus for forming solid fuels into films or bands. 2,556,217, June 12.

Rix, John R., and A. W. Ellcock, Barnt Green, near Birmingham, assignors to The Austin Motor Company Limited, Birmingham, England. Spring suspension of motor vehicles. 2,536,769, Jan. 2.

Rixon, Henry, administrator: *See*—
Rixon, John.

Rixon, John, deceased, New York, N. Y.; H. Rixon, administrator of said J. Rixon, assignor of one-half to E. Q. Moses, New York, N. Y. Coacting belt conveyer. 2,539,524, Jan. 30.

Rixson, Oscar C., Co., The, assignee: *See*—
Bartoszek, Stanley G.

Rizer, Floyd R., assignor to C. E. Rose, Detroit, Mich. Illuminating device for automobile license plates. 2,562,740, July 31.

Rizzo, Charles C.: *See*—
Rizzo, Frank R., and C. C.

Rizzo, Frank R., La Grange, and C. C. Rizzo, Chicago, Ill. Filler plug for pocket lighters. 2,546,475, Mar. 27.

Rizzolo, Gerardo, East Orange, N. J. Garment marker. 2,574,709, Nov. 13.

Roach, Earl M., assignor to Arvey Corporation, Chicago, Ill. Carton lining device. 2,576,697, Nov. 27.

Roach, Frank T.: *See*—
Girard, Dean C., and Roach.

Roach, Franklin E., and O. E. Duemler, Pasadena, Calif., assignors to the United States of America as represented by the Secretary of the Navy. Variable throat rocket nozzle. 2,552,497, May 8.

Roach, John R.: *See*—
Wittcoff, Harold, and Roach.

Roach, John R., Minneapolis, Minn., assignor to General Mills, Inc. Copolymers of fatty oils and polyallyl ethers. 2,555,834, June 5.

Roach, John R., Minneapolis, Minn., assignor to General Mills, Inc. Styrene, fatty oil polyallyl ether copolymers. 2,562,537, July 31.

Roach, John R., and H. Wittcoff, Minneapolis, Minn., assignors to General Mills, Inc. Unsaturated ether esters. 2,559,171, July 3.

Roach, John R., and H. Wittcoff, Minneapolis, Minn., assignors to General Mills, Inc. Halohydroxy ethers. 2,579,515, Dec. 25.

Roach, John W., Genesee, Idaho. Rotary stubble pulverizer. 2,556,446, June 12.

Road, Richard A.: *See*—
Coleman, Orville K., and Road.

Road, Richard A., West Lafayette, and R. W. Bonnet, assignors to Duncan Electric Manufacturing Company, La Fayette, Ind. Adjustable jaw unit for meter sockets. 2,538,912, Jan. 23.

Roadless Traction Limited, assignee: *See*—
Tripp, Leonard W.

Roano, Alessandro, Genoa, Italy. Helical gearing. 2,553,383, May 15.

Roano, Alessandro, Genoa, Italy. Helical gearing. 2,553,384, May 15.

Robanske, David G., assignee: *See*—
Curtis, Arthur J.

Robare, Louis P., assignee: *See*—
Aubin, Wallace A.

Robb, Charles A.: *See*—
Knewstubb, Norman W., and Robb.

Robb, John F., Cleveland Heights, Ohio, assignor to Good Humor Corporation, Brooklyn, N. Y. Machine for coating confection bodies. 2,577,433, Dec. 4.

Robb, Richard M.: *See*—
McBee, Earl T., and Robb.

Robb, Theodore D.: *See*—
Noweck, Herman E., and Robb.

Robb, Tully B.: *See*—
Mather, Jacob L., and Robb.

Robb, Walter Y.: *See*—
Fletcher, Norman, and Robb.

Robb, Walter Y., Whitinsville, assignor to Crompton & Knowles Loom Works, Worcester, Mass. Driving means for Axminster tube frame conveyer systems. 2,537,549, Jan. 9.

Robb, Walter Y., Whitinsville, assignor to Crompton & Knowles Loom Works, Worcester, Mass. Spool tension for Axminster tube frames. 2,547,491, Apr. 3.

Robb, Walter Y., Whitinsville, assignor to Crompton & Knowles Loom Works, Worcester, Mass. Tube frame for Axminster looms. 2,569,196, Sept. 25.

Robbiati, Giordano, Milan, Italy, assignor to O. Colcaire, Detroit, Mich., and A. R. Wilson, Washington, D. C. Coffee maker. 2,549,132, Apr. 17.

Robbins, Alexander G.: *See*—
Murdick, Robert G., and Robbins.

Robbins, Azor D., Hempstead, N. Y. Driving differential. 2,560,779, July 17.

Robbins, Azor D., Hempstead, assignor to Specialties, Inc., Syosset, Long Island, N. Y. Humidity control unit. 2,569,537, Oct. 2.

Robbins, Charles F., assignor to Markem Machine Company, Keene, N. H. Machine for marking cylindrical articles. 2,536,985, Jan. 2.

Robbins Cloth Mills, Inc., assignee: *See*—
Lewis, Peter B.

Robbins, Clyde F., assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Mounting and operating means for electric switches. 2,568,933, Sept. 25.

Robbins, David S.: *See*—
Hansen, Harry J., and Robbins.

Robbins, Douglas R., Middletown, Ohio. Suction box cover for papermaking machines. 2,543,870, Mar. 6.

Robbins, Elmer, Portland, Oreg. Abrading tool. 2,547,837, Apr. 3.

Robbins, Frederick P., Highland Park, Ill. Paper clip board. 2,566,465, Sept. 4.

Robbins, Gordon B.: *See*—
Stallmann, Otto, and Robbins.

Robbins, Gordon B., Claymont, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Sulfur colors of the dioxazine series and preparing the same. 2,564,381, Aug. 14.

Robbins, Grover C., Blowing Rock, N. C. Sectional chimney cap. 2,551,292, May 1.

Robbins Incubator Co., assignee: *See*—
Vaughan, David M.

Robbins, James S., Highland Park, Ill. Rock cutting apparatus. 2,550,202, Apr. 24.

Robbins, James S., Highland Park, Ill. Hydraulic tractor drive. 2,564,608, Aug. 14.

Robbins, James S., Highland Park, Ill. Rock drill. 2,575,975, Nov. 20.

Robbins, Jesse J., assignor to Stylofede Corporation, Glendale, Calif. Sprinkler head modification. 2,571,763, Oct. 16.

Robbins & Myers, Inc., assignee: *See*—
Byram, Frederick C.
Chang, Sheldon S. L., and Hagerman.
Moineau, René J. L.

Robbins, Ollice C., Berwyn, Ill. Beam hook. 2,542,289, Feb. 20.

Robbins, Richard G.: *See*—
Hocher, Andrew A., and Robbins.

Robbins, Thomas E., assignor to Koppers Company, Inc., Pittsburgh, Pa. Condensation process for preparing pyrimidines. 2,539,480, Jan. 30.

Robbins, Thomas E., assignor to Koppers Company, Inc., Pittsburgh, Pa. Manufacture of aromatic amine thiocyanate-aldehyde condensation products. 2,578,742, Dec. 18.

Robbins, Thomas E., Jr., Pittsburgh, and W. H. Hill, Mount Lebanon, assignors to Koppers Company, Inc., Pittsburgh, Pa. Thiocyanophenols. 2,562,948, Aug. 7.

Robbins, Vernon E., San Lorenzo, Calif. Portable sheet metal reforming roller. 2,543,259, Feb. 27.

Robbins, Walter R., assignor of 25% to J. L. Woods, Norman, Okla. Glass grinding and polishing machine. 2,571,614, Oct. 16.

Robell, Paul R., Sao Paulo, Brazil. Cushion. 2,538,880, Jan. 23.

Roben, Joseph, Milwaukee, Wis. Fog lamp with amber bulb shield having magnetically operated adjustment. 2,563,552, Aug. 7.

Roberds, Wesley M., Fort Worth, Tex., assignor to Radio Corporation of America. Electrical condenser. 2,540,913, Feb. 6.

Roberds, Wesley M., Collingswood, N. J., assignor to Radio Corporation of America. High-frequency coupling apparatus. 2,542,841, Feb. 20.

Roberg, Theodore W., Bantam, Conn. Dowel clasping assembly for poultry crates. 2,559,464, July 3.

Roberg, Theodore W., Storrs, Conn. Poultry crate closure. 2,579,128, Dec. 18.

Roberson, Donald C., Warrensville Heights, assignor to The Standard Oil Company, Cleveland, Ohio. Disposing

Robert, Jacques G.: *See*—
Jacob, Robert M., Bo, and Robert.

Robert, Roger A., Boulogne-sur-Seine, France. Living accommodations in airplane wings. 2,554,122, May 22.

Roberton, Lloyd T., Oak Park, assignor to King Pneumatic Tool Company, Chicago, Ill. Hedge trimming device. 2,564,032, Aug. 14.

Roberts, Alec O., assignor to Oldham & Son Limited, Denton, near Manchester, England. Accumulator lamp and charging device therefor having a magnetically operated switch to open the lamp circuit and establish the charging circuit. 2,556,506, June 12.

Roberts, Alfred M., Hamburg, N. Y. Power-operated hack saw. 2,563,069, Aug. 7.
Roberts, Benjamin K., Austin, Minn., and C. E. Enger, Los Angeles, Calif., said Enger assignor to Roberts Products Incorporated, Austin, Minn. Apparatus for producing substantially clear ice bodies. 2,575,892, Nov. 20.
Roberts, Charles W., Wanstead, London, assignor to Sparklets Limited, London, England. Apparatus for dispensing fluids from a container under pressure. 2,539,929, Jan. 30.
Roberts, Clarence F., and E. Buckly, Chicago, Ill., said Buckly assignor of one-sixth to said Roberts. Culinary implement. 2,545,794, Mar. 20.
Roberts, Clark L., Nampa, Idaho. Tractor-drawn corrugator. 2,569,870, Oct. 2.
Roberts, Clark L., Nampa, Idaho. Multiple-jaw pipe vise. 2,573,276, Oct. 30.
Roberts, Darling D., Cross City, Fla. Portable heater, cooker, and food warmer. 2,556,106, June 5.
Roberts, Darling D., Valdosta, Ga. Fowl and animal trap. 2,551,903, May 8.
Roberts, Earl H., Ravena, N. Y. Mechanical coin wrapper. 2,574,660, Nov. 13.
Roberts, Edgar C.: *See*—
Weiss, Saul, and Roberts.
Roberts, Edgar C., Arlington, Va., and G. B. Davis, Jr., Washington, D. C., assignors to the United States of America as represented by the Secretary of War. Mortar sight bracket and sight. 2,572,882, Oct. 30.
Roberts, Edward S.: *See*—
McGauley, Patrick J., and Roberts.
Roberts, Edward Y., Findlay, Ohio, assignor to Curtiss-Wright Corporation. Airfoil construction. 2,567,124, Sept. 4.
Roberts, Edwin G. L., Bolton, England. Mineral insulated conductor workpiece. 2,580,244, Dec. 25.
Roberts, Evan: *See*—
Pickholz, Siegfried, and Roberts.
Roberts, Frank B., Anaheim, Calif. Barrel cleaning apparatus. 2,558,983, July 3.
Roberts, Franklin B.: *See*—
Cornock, Edward F., and Roberts.
Roberts, Fred T., Ridgefield, Conn. Apparatus for applying covers to balls. 2,560,370, July 10.
Roberts, Frederick W.: *See*—
Binney, Eric A., and Roberts.
Roberts, Frederick W., Fairfield, and R. C. Curtis, New Haven, assignors to Dictaphone Corporation, Bridgeport, Conn. Distortion-free automatic volume control amplifier. 2,548,822, Apr. 10.
Roberts, Frederick W., Fairfield, and J. A. Duntze, East Norwalk, Conn., assignors to Dictaphone Corporation, New York, N. Y. Making sealed electromechanical translating devices. 2,562,741, July 31.
Roberts, Hamilton H., Jr., Caldwell, N. J., assignor, by mesne assignments, to Harvel Research Corporation. Polyethylene dispersion and making same. 2,561,951, July 24.
Roberts, Harry C., Long Beach, Calif. Shoulder supported light clamp. 2,536,394, Jan. 2.
Roberts, Harry E., assignor to Preco Incorporated, Los Angeles, Calif. Accessory driving mechanism for railway cars. 2,554,682, May 29.
Roberts, Hazel S., administratrix: *See*—
Roberts, Samuel J.
Roberts, Henry G., Prattville, Ala. Hydraulically operated set mechanism for the head block knees of a sawmill carriage. 2,548,067, Apr. 10.
Roberts, Ingham S., Ridley Park, Pa., assignor to American Viscose Corporation, Wilmington, Del. Method and apparatus for wet spinning of artificial filaments. 2,536,092, Jan. 2.
Roberts, Ingham S., Ridley Park, Pa., assignor to American Viscose Corporation, Wilmington, Del. Strand twisting machine. 2,559,735, July 10.
Roberts, Ingham S., Ridley Park, Pa., assignor to American Viscose Corporation, Wilmington, Del. Winding machine speed controller. 2,564,033, Aug. 14.
Roberts, Ingham S., Ridley Park, Pa., assignor to American Viscose Corporation, Wilmington, Del. Deflection tensiometer. 2,570,486, Oct. 9.
Roberts, Irving, assignor to Elliott Company, Jeanette, Pa. Regeneration of an adsorptive bed containing constituents with a high vapor pressure. 2,562,334, July 31.
Roberts, James A.: *See*—
Fischer, Howard R., and Roberts.
Roberts, John B.: *See*—
Downing, Frederick B., and Roberts.
Roberts, John G., Dobbs Ferry, N. Y. Razor blade dispenser. 2,569,072, Sept. 25.
Roberts, Kenneth C., assignor to The Anchor Chemical Company Limited, Clayton, Manchester, England. Manufacture of extreme pressure additives for lubricating oils. 2,549,525, Apr. 17.
Roberts, Lou C., assignee: *See*—
Carter, Alfred M.
Roberts, Marion G., Parkersburg, W. Va., assignor to The Airolite Company, Marietta, Ohio. Ventilator. 2,544,182, Mar. 6.
Roberts, Neville W., assignor to The British Oxygen Company Limited, London, England. Fractional separation of air. 2,559,132, July 3.
Roberts, Obe, assignee: *See*—
Padgett, Vernie G.
Roberts Pressure Valve Co., Inc., assignee: *See*—
Roehr, Zbislaw M.
Roberts Products Incorporated, assignee: *See*—
Roberts, Benjamin K., and Enger.
Roberts, Reon B., Fairfield, assignor to United Aircraft Corporation, East Hartford, Conn. Tracking rotor blades. 2,552,739, May 15.
Roberts, Rex A., Belmont, Mass., assignor, by mesne assignments, to the United States of America as represented by the Secretary of the Navy. Cam and follower mechanism for complex motion. 2,566,034, Aug. 28.
Roberts, Rex S., Belmont, assignor to Transducer Corporation, Boston, Mass. Weld testing instrument. 2,545,309, Mar. 13.
Roberts, Richard G., Chicago, Ill., assignor to The Chicago Medical School. Antidiabetic. 2,563,070, Aug. 7.
Roberts, Robert E., Ridgefield, Conn. Making flexible tubes. 2,560,369, July 10.
Roberts, Roy A., Phalanx, Ohio. Tuyère changing machine. 2,566,637, Sept. 4.
Roberts, Samuel J., deceased, Scranton, Pa., by H. S. Roberts, administratrix, Scranton, Pa. Inkwell. 2,556,000, June 5.
Roberts, Samuel S., assignor of one-half to D. B. Oliver, Pittsburgh, Pa. Footwear safety guard. 2,555,900, June 5.
Roberts, Shepard, Scotia, N. Y., assignor to General Electric Company. Ceramic dielectrics and making. 2,541,833, Feb. 13.
Roberts, Stiles M., Easton, Pa., assignor to General Aniline & Film Corporation, New York, N. Y. Manufacture of C-nitrosoarylamines. 2,560,892, July 17.
Roberts, Stiles M., Easton, Pa., assignor to General Aniline & Film Corporation, New York, N. Y. Manufacture of C-nitrosoarylamines. 2,560,893, July 17.
Roberts, Stiles M., Easton, Pa., assignor to General Aniline & Film Corporation, New York, N. Y. Manufacture of C-nitrosoarylamines. 2,560,894, July 17.
Roberts, Walter V., Princeton, N. J., assignor to Radio Corporation of America. Impedance measuring. 2,551,337, May 1.
Roberts, Walter V., Princeton, N. J., assignor to Radio Corporation of America. Impedance measuring. 2,569,691, Oct. 2.
Roberts, Walter V., Princeton, N. J., assignor to Radio Corporation of America. Mechanical filter. 2,578,452, Dec. 11.
Roberts, Wiley T., Liberal, Kans. Power mower. 2,547,540, Apr. 3.
Roberts, William H.: *See*—
Rich, Eugene H., and Roberts.
Roberts, William H., Cheshire, Mass., assignor to General Electric Company. Attachment for capacitor winding machines. 2,572,663, Oct. 23.
Roberts, William L., McKeesport, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Arc welding system. 2,561,995, July 24.
Roberts, William L., Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Arc welding system. 2,558,102, June 26.
Robertshaw-Fulton Controls Company, assignee: *See*—
Branson, Charles D.
Brown, Dan A.
Carson, William W., Jr.
Giesler, Jean V., and Kaserman.
Main, Robert C.
Strobel, Charles K.
Watkins, William M., Jr.
Weber, Victor.
Weber, Victor, and Garner.
Weber, Victor and Kunzler.
Robertson, Alastair, deceased, Monroe, by W. A. Robertson, executor, Ridgefield, Conn., assignor to General Electric Company. Mixer beater ejector. 2,566,907, Sept. 4.
Robertson, Alastair D., Stepney, Conn., assignor to General Electric Company. Speed control mechanism. 2,557,765, June 19.
Robertson, Alexander F.: *See*—
Benninghoff, William L., and Robertson.
Robertson, Archibald, Jr.: *See*—
Trebules, Victor, and Robertson.
Robertson, Clifford P., San Diego, Calif. Foldable comb. 2,576,194, Nov. 27.
Robertson, D. R., Limited, assignee: *See*—
Sampietro, Achilles C.
Robertson, David S., Santa Monica, and L. J. Highfield, assignors to Textile Handling Equipment Co., Los Angeles, Calif. Apparatus for handling rolls of sheet material. 2,549,239, Apr. 17.
Robertson, David S., Santa Monica, and L. J. Highfield, Los Angeles, assignors to Textile Handling Equipment Co., Santa Monica, Calif. Apparatus for handling rolls of sheet material. 2,565,740, Aug. 28.
Robertson Factories, Inc., assignee: *See*—
Burrage, Philip A.
Robertson, H. H., Company, assignee: *See*—
Crafton, Henry H.
Wiesmann, Joseph W.
Robertson, Harry C., New York, N. Y. Incandescent lamp socket and switch. 2,545,860, Mar. 20.

Robertson, Harry C., New York, N. Y. Lamp socket. 2,576,856, Nov. 27.
Robertson, Harvey E., Dallas, Tex. Live fish bait container. 2,572,763, Oct. 23.
Robertson, Herschel E., Nowata, Okla. Bolster. 2,551,904, May 8.
Robertson, James A.: *See*—
Pease, Donald C., and Robertson.
Robertson, John D., Taunton, Mass. Expander and contractor roll. 2,547,975, Apr. 10.
Robertson, John D., Taunton, Mass. Expander and contractor roll. 2,562,949, Aug. 7.
Robertson, Louie H., Elizabeth, N. J. Knitting device. 2,539,479, Jan. 30.
Robertson, Milton S., assignor to Independent Crop Dusting, Inc., Campbell, Calif. Rotating brush type sprayer. 2,556,447, June 12.
Robertson, Nat C.: *See*—
Gilliland, Edwin R., Morrell, Carlson, and Robertson.
Morell, Charles E.,, Robey, and Robertson.
Robertson, Nat C., Corpus Christi, Tex., assignor to Celanese Corporation of America. Separation process. 2,577,156, Dec. 4.
Robertson, Nat C., and R. T. Allen, Corpus Christi, Tex., assignors to Celanese Corporation of America. Production of ethylene oxide. 2,578,841, Dec. 18.
Robertson, Sloan D., Red Bank, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Reflecting system. 2,543,130, Feb. 27.
Robertson, Sloan D., Red Bank, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Microwave impedance matching reactor. 2,556,001, June 5.
Robertson, Sloan D., Red Bank, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Detecting system for frequency modulated waves. 2,556,377, June 12.
Robertson, Walter R., Sr.: *See*—
Horner, George W., and Robertson.
Robertson, William A., executor: *See*—
Robertson, Alastair.
Robeski, Martin, Wausaukee, Wis. Bottle cap. 2,580,322, Dec. 25.
Robeson, Charles D.: *See*—
Cawley, John D., Robeson, Shantz, Weisler, and Baxter.
Shantz, Edgar M., Robeson, and Kascher.
Robeson, Charles D., assignor, by mesne assignments, to Eastman Kodak Company, Rochester, N. Y. Concentration of neovitamin A. 2,552,908, May 15.
Robey, Richard F.: *See*—
Morrell, Charles E., and Robey.
Morrell, Charles E., Robey, and Robertson.
Morrell, Charles E., Robey, and Welch.
Robey, Richard F., Cranford, N. J., assignor to Standard Oil Development Company. Esters of trimethyladipic acid. 2,548,493, Apr. 10.
Robichaud, Edmund J., Middletown, Conn. Machine tool. 2,561,035, July 17.
Robichaux, Roy P.: *See*—
Lundal, Ingie J., and Robichaux.
Robie, Norman P.: *See*—
Ries, Kernell G., Robie, and von Doenhoff.
Robie, Norman P., Lewiston, and O. L. Mahlman, Kenmore, assignors to The Carborundum Company, Niagara Falls, N. Y. Abrasive articles and manufacturing the same. Re. 23,387, July 3.
Robiette, Alfred G. E., assignor to John Miles and Partners (London) Limited, London, England. Smelting of iron and steel. 2,564,233, Aug. 14.
Robin, Leo, and M. van Roggen, Sprimont, Belgium, vested in the Attorney General of the United States. Transmission device. 2,571,172, Oct. 16.
Robin, Norman: *See*—
Jordanoff, Assen, and Robin.
Robinette, Hillary, Jr., and C. R. Pacifico, assignors to Publicker Industries Inc., Philadelphia, Pa. Hydantoin derivative textile lubricants. 2,541,101, Feb. 13.
Robinette, Willard C., South Pasadena, Calif. Variable-speed motor and servo mechanism. 2,575,362, Nov. 20.
Robins, Betty N., Detroit, Mich. Clothes hanger. 2,558,583, June 26.
Robins, Erford E., North Tonawanda, and H. F. Parker, Buffalo, N. Y., assignors to Columbus McKinnon Chain Corporation. Load bar for hoists. 2,542,209, Feb. 20.
Robins, Erford E., North Tanawanda, and H. F. Parker, Buffalo, assignors to Columbus McKinnon Chain Corporation, Tonawanda, N. Y. Chain hoist. 2,548,846, Apr. 10.
Robins, Jack B., Colorado Springs, Colo. Jet propulsion engine for model airplanes. 2,547,095, Apr. 3.
Robins, John W., Westwood, assignor to Mason-Neilan Regulator Company, Boston, Mass. Control point setting and indicating adjustment means for pneumatic controllers. 2,549,011, Apr. 17.
Robins, Russell L., Brooklyn, N. Y. Magnetic racing game device. 2,548,495, Apr. 10.
Robinson, Albert P., Seattle, Wash. Chimney pit door. 2,570,714, Oct. 9.
Robinson, Allen D., Kenosha, Wis. Paste applier with self-closing valve. 2,569,073, Sept. 25.
Robinson, Alton C., Hereford, Tex. Safety hood catch for vehicles. 2,550,203, Apr. 24.
Robinson, Bruce E.: *See*—
Lindner, Arthur E., and Robinson.
Lindner, Arthur E., Harmon, and Robinson.
Robinson, Charles A.: *See*—
Pfister, Karl, III, Robinson, and Tishler.
Robinson, Charles F., Pasadena, Calif. Static discharger for aircraft. 2,539,163, Jan. 23.
Robinson, Charles F., assignor to Consolidated Engineering Corporation, Pasadena, Calif. Self-calibrating mass spectrometer. 2,551,637, May 8.
Robinson, Claude L.: *See*—
Lillyblad, Robert H., and Robinson.
Robinson, David M., assignor to The Stanley Works, New Britain, Conn. Roller latch. 2,541,720, Feb. 13.
Robinson, David M., assignor to The Stanley Works, New Britain, Conn. Door lock. 2,574,415, Nov. 6.
Robinson, Dorothea U., Johannesburg, Transvaal. Union of South Africa. Antiglare or dimming device for motor vehicle headlamps. 2,541,834, Feb. 13.
Robinson, E. S. & A., Limited, assignee: *See*—
Nicholas, John.
Robinson, Eli A., Amsterdam, N. Y. Making inflatable articles. 2,573,609, Oct. 30.
Robinson, Eric E., North Wembley, assignor to Rotax Limited, London, England. Electric switching apparatus. 2,539,206, Jan. 23.
Robinson, Felix P., Cottonwood, Idaho. Attachment for domestic boilers. 2,545,242, Mar. 13.
Robinson, Floyd W., assignee: *See*—
Taylor, Clyde C.
Robinson, Frank E., Hollywood, Calif. Bicycle seat. 2,558,389, June 26.
Robinson, George A., assignee: *See*—
Watt, Alexander.
Robinson, George B., and G. S. Gage, Jr., Vallejo, Calif. Control and operating means for paralyzed hands. 2,553,277, May 15.
Robinson, George C., Los Angeles, Calif. Wrench with work engaging steadying means. 2,539,861, Jan. 30.
Robinson, Girard C., assignor to Girard Manufacturing Products, Inc., Maywood, Ill. Power-driven tool. 2,539,930, Jan. 30.
Robinson, Grant R., Melrose, Mass., assignor to Old Town Ribbon & Carbon Co., Inc., of Mass. Drum stop and gripper actuator for duplicating apparatus. 2,558,157, June 26.
Robinson, Grant R., Melrose, Mass., assignor to Old Town Ribbon & Carbon Co., Inc. of Mass. Sheet separating device. 2,569,387, Sept. 25.
Robinson, Harold A., assignor to The Dow Chemical Company, Midland, Mich. Galvanic anode assembly. 2,568,594, Sept. 18.
Robinson, Harold A., and H. A. Humble, assignors to The Dow Chemical Company, Midland, Mich. Sacrificial anode system for protecting metals in sea water. 2,571,062, Oct. 9.
Robinson, Harold E., Great Neck, N. Y., assignor of one-half to P. J. Lo Bue, Leonia, N. J. Machine for injection or extrusion of plastic material. 2,566,293, Aug. 28.
Robinson, Harris A., Philadelphia, Pa., assignor to Radio Corporation of America. Automatic wide range electrical wave generator of high stability. 2,568,412, Sept. 18.
Robinson, Harris A., Philadelphia, Pa., assignor to Radio Corporation of America. Automatic gain control circuit. 2,570,715, Oct. 9.
Robinson, Heber O., Salt Lake City, Utah. Strip coating machine. 2,570,379, Oct. 9.
Robinson, James, Huntington Woods, assignor to Vickers Incorporated, Detroit, Mich. Hydraulic power transmission system. 2,541,290, Feb. 13.
Robinson, James, Huntington Woods, assignor to Vickers Incorporated, Detroit, Mich. Rotary pump and motor hydraulic transmission. 2,541,291, Feb. 13.
Robinson, James, Huntington Woods, assignor to Vickers Incorporated, Detroit, Mich. Hydraulic power transmission system. 2,541,292, Feb. 13.
Robinson, James, Huntington Woods, assignor to Vickers Incorporated, Detroit, Mich. Hydraulic power transmission system. 2,562,367, July 31.
Robinson, James, London, England. Radio receiving and transmitting system. 2,563,869, Aug. 14.
Robinson, James D., Memphis, Tenn. Liquid distributing device and dosing means therefor. 2,549,012, Apr. 17.
Robinson, Jean H., Jr., United States Navy, and R. D. Scott, United States Naval Reserve. Switch. 2,558,783, July 3.
Robinson, John S.: *See*—
Boersma, Barney, and Robinson.
Robinson, John W., Merchantville, N. J., assignor to Selas Corporation of America, Philadelphia, Pa. Separation of immiscible liquids. 2,555,607, June 5.
Robinson, John W., Merchantville, N. J., assignor to Selas Corporation of America, Philadelphia, Pa. Filter assembly. 2,579,863, Dec. 25.
Robinson, Joseph J., Jr., and H. M. Wassem, assignors to Marsh Wall Products, Incorporated, Dover, Ohio. Air control for sanding machines. 2,543,988, Mar. 6.
Robinson, Joseph W., Trenton, N. J. Adjustable dental tray for making artificial dentures. 2,579,965, Dec. 25.
Robinson, Lawrence T., San Jose, Calif. Molding apparatus for roadway markers. 2,541,547, Feb. 13.

Robinson, Louis, Detroit, Mich. Sofa-bed. 2,539,103, Jan. 23.
Robinson, Louis, Detroit, Mich. Convertible sofa. 2,557,692, June 19.
Robinson, Melvin O.: *See*—
Pippin, Clarence A., Robinson, and Bennett.
Robinson, Philip W., Ombersley, assignor to T. Bond Worth & Sons Limited, Severn Valley Mills, Stourport on Severn, England. Selvage forming mechanism for needle looms. 2,537,158, Jan. 9.
Robinson, Philip W., Woodfield Cedars, Ombersley, assignor to T. Bond Worth & Sons Limited, Severn Valley Mills, Stourport on Severn, England. Selvedge forming mechanism. 2,561,416, July 24.
Robinson, Preston: *See*—
Burnham, John, Dippold, and Robinson.
Robinson, Preston, Williamstown, and W. M. Allison, assignors to Sprague Electric Company, North Adams, Mass. Artificial transmission line network. 2,565,093, Aug. 21.
Robinson, Preston, Williamstown, and P. H. Netherwood, assignors to Sprague Electric Company, North Adams, Mass. Insulated electrical conductor. 2,576,045, Nov. 20.
Robinson, Richard A.: *See*—
Cusic, John W., and Robinson.
Robinson, Ronald R.: *See*—
Burks, George E., and Robinson.
Robinson, Sam P., Bartlesville, Okla., assignor to Phillips Petroleum Company. Pebble heating chamber. 2,538,472, Jan. 16.
Robinson, Sam P., Bartlesville, Okla., assignor to Phillips Petroleum Company. Pebble heating chamber for pebble heaters. 2,541,548, Feb. 13.
Robinson, Sam P., Bartlesville, Okla., assignor to Phillips Petroleum Company. Acetylene manufacture. 2,549,240, Apr. 17.
Robinson, Sam P., Bartlesville, Okla., assignor to Phillips Petroleum Company. Desulfurization of gases. 2,551,905, May 8.
Robinson, Sam P., Bartlesville, Okla., assignor to Phillips Petroleum Company. Large scale pebble heating chamber. 2,552,063, May 8.
Robinson, Sam P., Bartlesville, Okla., assignor to Phillips Petroleum Company. Acetylene generation from hydrocarbons. 2,561,996, July 24.
Robinson, Sam P., Bartlesville, Okla., assignor to Phillips Petroleum Company. Manufacture of acetylene. 2,572,664, Oct. 23.
Robinson, Sam P., Bartlesville, Okla., assignor to Phillips Petroleum Company. Production of p-tertiary-butyl phenol. 2,578,597, Dec. 11.
Robinson, Sidney: *See*—
Schloss, Benjamin, and Robinson.
Robinson, Sydney: *See*—
Douglas, George T., Lowe, and Robinson.
Robinson, Theodore B.: *See*—
Earle, Norman E., and Robinson.
Robinson, Thomas, New York, N. Y., assignor to Lancaster Chemical Corporation. Apparatus for pulverization and dispersion of materials. 2,544,047, Mar. 6.
Robinson, Walton S., Westfield, N. J. Making seamless pipe elbows. 2,560,822, July 17.
Robinson Waxed Paper Company, Limited, The, assignee: *See*—
Noble, Frank W., and Baker.
Robinson, William, assignor to Certified Gas Equipment Company, Chicago, Ill. Valve structure. 2,540,056, Jan. 30.
Robinson, William A.: *See*—
McLaughlin, George H., and Robinson.
Robinson, William S., Reno, Nev. Garment support for automobiles. 2,543,202, Feb. 27.
Robishaw, Earl J.: *See*—
Yancey, John R., and Robishaw.
Robison, Daniel B., Villa Park, assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Selective signaling system. 2,541,668, Feb. 13.
Robison, David I., Los Angeles, and H. J. Nelson, San Gabriel, Calif. Garment hanger. 2,562,368, July 31.
Robison, Furman, San Francisco, Calif. Curtain inserter. 2,541,293, Feb. 13.
Robison, Homer F., Des Plaines, and W. H. Wickham, Elmhurst, Ill. Watt-hour meter calibrating system. 2,557,314, June 19.
Robison, Jay L., assignor to Merla Tool Corporation, Dallas, Tex. Well flow device. 2,573,110, Oct. 30.
Robison, Kenneth L.: *See*—
Michael, Pierre L., and Robison.
Robles, Enrique, and M. J. Sloyan, Nogales, Ariz. Sectional container. 2,549,013, Apr. 17.
Roblin, Richard O., Jr.: *See*—
Clapp, James W., and Roblin.
Robnett, E. V., Jr., Scott Field, Ill., assignor to Auto Cruz Corporation, Austin, Tex. Speed governor for engines. 2,556,485, June 12.
Robotron Corporation, assignee: *See*—
Rockafellow, Stuart C.
Robson, Alan C., and F. H. Slinger, Blackley, Manchester, England, assignors to Imperial Chemical Industries, Limited. Manufacture of dyestuffs. 2,553,475, May 15.
Reese, Kenneth E., Elkhart, Ind. Punch press and the Cohen, Henry, and Robson.
Robson, Duer C.: *See*—
Bonnett, Gerson, Rayburn, and Robson.
Rayburn, Vincent A., and Robson.
Robson, Duer C., Baltimore, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Take-up apparatus. 2,546,637, Mar. 27.
Robson, Duer C., Baltimore, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Vertically movable turntable transfer. 2,559,319, July 3.
Robson, Stanley, Parktown, Johannesburg, Transvaal, Union of South Africa. Lifting clamp. 2,573,064, Oct. 30.
Robson, William S., B. Herts, and A. E. Moore, Leicester, England, assignors to United Shoe Machinery Corporation, Flemington, N. J. Apparatus for forming and applying appendages to potteryware. 2,572,200, Oct. 23.
Rocard, Yves, assignee: *See*—
Gachet, Paul, and de Montgremier.
Rocca, Julius P.: *See*—
Schneider, Helmuth G., Young, and Rocca.
Rochat, Lucille L., assignor of one-third to W. Presley and one-third to J. V. Presley, Portland, Oreg. Strap fastener. 2,551,165, May 1.
Roche, Alleman H.: *See*—
Jacobsen, Bent B., Roche, and Baly.
Roche, Alleman H., and A. J. Buxton, London, England, assignors to International Standard Electric Corporation, New York, N. Y. Negative feedback thermionic amplifier. 2,556,218, June 12.
Roche, Alleman H., and T. W. Elliott, London, England, assignors to International Standard Electric Corporation, New York, N. Y. Negative feedback circuit for parallel-connected thermionic amplifiers. 2,556,219, June 12.
Roche, Clifton R., Los Angeles, Calif. Driving mechanism. 2,553,006, May 15.
Rochester Button Company, assignee: *See*—
Broderson, Neil O.
Rochester, Nathaniel, Milton, Mass., assignor to Sylvania Electric Products Inc. Signal transmission network. 2,570,716, Oct. 9.
Rochet, Jean C., New York, N. Y. Fighting fire aboard ships. 2,576,143, Nov. 27.
Rochford, Michael J., Chicago, Ill. Copyholder. 2,542,290, Feb. 20.
Rochford, William, Houston, Tex. Pivot for overhead doors. 2,564,545, Aug. 14.
Rochman, Edward, assignee: *See*—
Romolt, Abe.
Rochow, Arthur J., Pittsford, N. Y. Folding clothes rack. 2,572,665, Oct. 23.
Rochow, Eugene G., Schenectady, N. Y., assignor to General Electric Company. Tetra allyl silane and polymers thereof. 2,538,657, Jan. 16.
Rochow, Theodore G.: *See*—
Bird, John C., and Rochow.
Rock, Albin S.: *See*—
Hall, Elisha W., and Rock.
Rock, Arthur F., assignor to General Dry Batteries, Inc., Lakewood, Ohio. Soldering connector of dry batteries. 2,575,976, Nov. 20.
Rock, Frederick J., Syracuse, N. Y. Bracket. 2,555,819, June 5.
Rock, George L., Jonesville, Mich., assignor to Vaco Products Company, Chicago, Ill. Safety tool handle. 2,558,158, June 26.
Rock Island Millwork Company, assignee: *See*—
Fuller, Frank W.
Rundquist, Willard H.
Weyerhaeuser, Frederick.
Rockaboat Inc., assignee: *See*—
Notto, Joseph A.
Rockafellow, Stuart C., Farmington, assignor to Robotron Corporation, Detroit, Mich. Electric valve sequenced multifunction timer. 2,573,360, Oct. 30.
Rockburg, George A., assignor to The T. L. Smith Company, Milwaukee, Wis. Mixer. 2,544,545, Mar. 6.
Rockburg, George A., assignor to The T. L. Smith Company, Milwaukee, Wis. Truck mixer. 2,563,963, Aug. 14.
Rockburg, George A., and H. C. Peters, assignors to The T. L. Smith Company, Milwaukee, Wis. Lubricator. 2,567,729, Sept. 11.
Rockford Machine Tool Company, assignee: *See*—
Herrstrum, Rudolph E.
Rockford Sash Holder, Inc., assignee: *See*—
Wintercorn, Andrew F.
Rocklin, Isadore J., Sioux City, Iowa. Seesaw convertible to a slide. 2,542,359, Feb. 20.
Rocklin, Isadore J., Sioux City, Iowa. Tree and log saw. 2,571,385, Oct. 16.
Rocklin, Samuel S., Washington, D. C. Support for prosthetic hands. 2,566,375, Sept. 4.
Rockman, Walter H., Richmond, Calif. Coaster wagon. 2,542,433, Feb. 20.
Rockoff, Edward, Denver, Colo., assignor to M. Levin, Cheyenne, Wyo. Wiener processing apparatus. 2,566,966, Sept. 4.
Rockola, David C., assignor, by mesne assignments, to Rock-Ola Manufacturing Corporation, Chicago, Ill. Illuminative device for projecting continuously changing color designs. 2,567,403, Sept. 11.

Rockola, David C., assignor, by mesne assignments, to Rock-Ola Manufacturing Corporation, Chicago, Ill. Phonograph. 2,569,115, Sept. 25.

Rockola, David C., assignor, by mesne assignments, to Rock-Ola Manufacturing Corporation, Chicago, Ill. Indicator. 2,580,046, Dec. 25.

Rock-Ola Manufacturing Corporation, assignee: *See*—
Rockola, David C.
Triman, Eugene L.

Rockwell-Barnes Company, assignee: *See*—
Jones, Charles E.

Rockwell, Chauncey L., assignor of one-half to The Oregonian Publishing Company, Portland, Oreg. Newspaper inserting machine. 2,569,692, Oct. 2.

Rockwell, Chester A., assignor to Collins Radio Company, Cedar Rapids, Iowa. Intermittent translational device. 2,579,092, Dec. 18.

Rockwell, Edward A., Cleveland, Ohio. Pressure converter means. 2,536,140, Jan. 2.

Rockwell, Edward A., Cleveland, Ohio. Snap-action mechanism. 2,536,141, Jan. 2.

Rockwell, Edward A., Cleveland, Ohio. Servomotor. 2,537,483, Jan. 9.

Rockwell, Edward A., Cleveland, Ohio. Compensator valve. 2,546,677, Mar. 27.

Rockwell, Edward A., Cleveland, Ohio. Pressure responsive valve device. 2,546,678, Mar. 27.

Rockwell, Edward A., Cleveland, Ohio. Servomotor and valve device. 2,548,496, Apr. 10.

Rockwell, Edward A., Cleveland, Ohio. Follow-up servomotor. 2,553,210, May 15.

Rockwell, Edward A., Cleveland, Ohio. Valve mechanism. 2,563,419, Aug. 7.

Rockwell, Edward A., Cleveland, Ohio. Servo power actuator. 2,564,281, Aug. 14.

Rockwell, Edward A., Cleveland, Ohio. Intensifier for the application of power. 2,564,582, Aug. 14.

Rockwell, Edward A., Cleveland, Ohio. Proportional pressure distributor valve. 2,568,900, Sept. 25.

Rockwell, Edward A., Cleveland, Ohio. Power intensifier. 2,573,277, Oct. 30.

Rockwell, Edward A., Shaker Heights, Ohio, assignor to The New Britain Machine Company, New Britain, Conn. Mechanism for the operation of valves. 2,572,520, Oct. 23.

Rockwell, Gaynor O., Huston, Tex., assignor to the United States of America as represented by the Secretary of the Navy. Explosive-operated device. 2,575,071, Nov. 13.

Rockwell, Harvey W., assignor to La Plant-Choate Manufacturing Co., Inc., Cedar Rapids, Iowa. Hydraulic system for operating hydraulic cylinders and pistons. 2,543,989, Mar. 6.

Rockwell, Hugh M., Freeport, N. Y. Tire mounting and demounting machine of the type having relative travel between a tire and a tire tool. 2,547,976, Apr. 10.

Rockwell Manufacturing Company, assignee: *See*—
Gilmore, Edward R.
Sward, Delbert F.
Wiken, Christy A.
Wiken, Christy A., and Reibig.

Rockwell, Paul O.: *See*—
Gross, William E., and Rockwell.

Rockwell, Philip S.: *See*—
McDowell, Thomas E., and Rockwell.

Rockwell, Ralph A., Hingham, assignor to Mason-Neilan Regulator Company, Boston, Mass. Control valve. 2,541,176, Feb. 13.

Rockwell, Ronald J., assignor to Crosley Broadcasting Corporation, Cincinnati, Ohio. Swingable arm for holding a sound pickup stylus. 2,551,506, May 1.

Rockwell, Ronald J., assignor to Crosley Broadcasting Corporation, Cincinnati, Ohio. Display card exhibiting device for television broadcasting. 2,570,594, Oct. 9.

Rockwood, Arthur G.: *See*—
Holveck, Joseph E., and Rockwood.

Rockwood Sprinkler Company, assignee: *See*—
Freeman, Howard G.

Rocky Mountain Metal Products Company, assignee: *See*—
Brunson, Thayer R.
Brusse, Archie B.

Rodale Mfg. Co., Inc., assignee: *See*—
Schmier, Jacob.

Rodder, William, assignor to The Aetna-Standard Engineering Company, Youngstown, Ohio. Carriage for flying hot saws. 2,561,292, July 17.

Roddick, Eric M., Long Beach, Calif. Backout or nipple wrench. 2,556,945, June 12.

Roddy, Thomas C., Jr., Port Arthur, Tex., assignor to The Texas Company, New York, N. Y. Corrision inhibited gasoline. 2,548,122, Apr. 10.

Rodefeld, William H., Richmond, Ind. Automatic loading attachment for hay wagons. 2,564,234, Aug. 14.

Rodeghiero, Dominic R., Joliet, Ill. Headlight adjusting means of the type that is removably attachable to a vehicle. 2,552,116, May 8.

Rodekohr, Howard M., and S. M. Blitzer, Baton Rouge, La., assignors to Ethyl Corporation, New York, N. Y. Continuous process for making alkyllead compounds. 2,574,759, Nov. 13.

Rodel, Arthur, Olten, Switzerland. Forehead lamps, particularly for medical purposes. 2,539,104, Jan. 23.

Roden, William F., Carl Place, N. Y. Apparatus for drying sheet material. 2,574,844, Nov. 13.

Rodenburg, Nicholas: *See*—
Schouten, Jan F., and Rodenburg.

Rodert, Lewis A., Cleveland, Ohio, assignor to Stewart-Warner Corporation, Chicago, Ill. Air-conditioned garment. 2,540,547, Feb. 6.

Rodger, Louis S., and C. H. Chapman, assignors to Eastman Kodak Company, Rochester, N. Y. Lantern slide mount. 2,571,764, Oct. 16.

Rodgers, Frederick, St. James, N. Y. Cylinder and concave mill with material return paddle. 2,546,679, Mar. 27.

Rodgers, James L., Jr., and A. M. Howald, assignors to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Torsion transmitting glass shaft and manufacture. 2,573,361, Oct. 30.

Rodgers, John A.: *See*—
Lyman, Donald F., and Rodgers.

Rodgers, William C., East Orange, N. J. Cleansing tissue package and packaging. 2,574,710, Nov. 13.

Rodin, Fred M.: *See*—
Rodin, Theresa M. and F. M.

Rodin, Mate M., San Pedro, Calif. Fishing lure. 2,541,782, Feb. 13.

Rodin, Theresa M. and F. M., Honolulu, Oahu, Territory of Hawaii. Hula skirt. 2,546,563, Mar. 27.

Rodman, Ernest A., Newburgh, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Purification of ketone-containing liquid. 2,570,157, Oct. 2.

Rodman, Frederick W., Jefferson City, Mo. Graphic proportionator. 2,552,460, May 8.

Rodman, Hugh, Chicago, and B. M. Becker, La Grange, assignors to Universal Oil Products Company, Chicago, Ill. Waste gas burner. 2,537,091, Jan. 9.

Rodman, Isaac P., Cambridge, Mass., assignor to the United States of America as represented by the Secretary of the Navy. Electronic control system for echo-ranging apparatus. 2,540,035, Jan. 30.

Rodrigues, Manuel J., New York, N. Y. Fastener for buttons. 2,573,876, Nov. 6.

Rodriquez, John G., Porterville, Calif. Food cooker. 2,557,467, June 19.

Rodriguez, Joseph M., Brooklyn, N. Y. Folding clothesline extension apparatus. 2,552,217, May 8.

Rodwin, George, Randall Manor, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Balanced crystal microwave converter. 2,576,481, Nov. 27.

Rody, Pasquale, Philadelphia, Pa. Alarm for deaf persons. 2,561,481, July 24.

Roe, A. V., Canada Limited, assignee: *See*—
Boyd, Winnett, Kelk, and Clarke.
Marchant, Lawrence E.
Meschino, Ronald G.

Roe, Charles C., Longview, Tex., assignor to R. G. LeTourneau, Inc., Stockton, Calif. Flux bridge transformer. 2,547,783, Apr. 3.

Roe, Edward T.: *See*—
Scanlan, John T., Swern, and Roe.

Roe, Eloise T., assignee: *See*—
Lord, Francis L. B.

Roe, Herbert J.: *See*—
Wood, David H., and Roe.

Roe, Leona M., Minneapolis, Minn. Bib. 2,563,420, Aug. 7.

Roe, William C., assignor to The Colson Corporation, Elyria, Ohio. Barrel truck. 2,541,613, Feb. 13.

Roe, Willis E., Chicago, Ill. Rail bender. 2,555,608, June 5.

Roebuck, Alan K., Hammond, Ind., and B. L. Evering, assignors to Standard Oil Company, Chicago, Ill. Isomerization of saturated hydrocarbons with mixed acid catalysts. 2,564,080, Aug. 14.

Roebuck, Alvah C., Jr., Tujunga, and A. T. Arnold, La Crescenta, Calif. Container with bottom dispensing rotor. 2,577,036, Dec. 4.

Roecker, Herman G., Fort Garry, Manitoba, Canada. Metering device. 2,548,123, Apr. 10.

Roedel, Milton J.: *See*—
Ellingboe, Ellsworth K., and Roedel.

Roedel, Milton J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Linear polymers which have formal-containing extralinear substiuents and which are obtained from monoethylenically unsaturated compounds. 2,570,861, Oct. 9.

Roedel, Milton J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Styrene copolymer compositions. 2,572,951, Oct. 30.

Roeder, Dale, Detroit, and R. F. Weeks, assignors to Ford Motor Company, Dearborn, Mich. Strap brake. 2,536,856, Jan. 2.

Roeder, Dale, and H. L. Brock, Detroit, assignor to Ford Motor Company, Dearborn, Mich. Tractor control pedal arrangement. 2,540,458, Feb. 6.

Roeder, Dale, Detroit, and C. F. Kramer, Birmingham, assignors to Ford Motor Company, Dearborn, Mich. Tractor seat construction. 2,563,277, Aug. 7.

Roeder, Erwin, Ebenezer, N. Y. Knife sharpening machine. 2,563,373, Aug. 7.

Roeder, Walter G., Scarsdale, assignor to Salers, Inc., New York, N. Y. Frame connector. 2,540,995, Feb. 6.

Roehl, Edward J., Little Silver and A. Wesley, Plainfield, N. J., assignors to The International Nickel Company, Inc., New York, N. Y. Replenishing nickel plating electrolyte. 2,541,721, Feb. 13.
Roehr, Zbislaw M.: *See*—
Fields, Mack R., and Roehr.
Roehr, Zbislaw M., assignor to Roberts Pressure Valve Co., Inc., New York, N. Y. Valve assembly. 2,550,863, May 1.
Roemer, Henry A.: assignee: *See*—
Renkin, Robert F.
Roemer, John J.: *See*—
Kropa, Edward L., and Roemer.
Roemer, Louise E., assignee: *See*—
Duerr, Carl F., Jr.
Roemer, Ralph R., assignee: *See*—
Duerr, Carl F., Jr.
Roemer, William C., New Haven, and C. R. Lines, Hamden, assignors to Olin Industries, Inc., New Haven, Conn. Safety mechanism for firearms. 2,551,166, May 1.
Roemke, Henry C., Fort Wayne, Ind., assignor to General Electric Company. Speed control system for direct-current motors. 2,546,783, Mar. 27.
Roerig, Frank, New London, Ohio. Split wing nut. 2,576,643, Nov. 27.
Roescheise, Raymond R., San Francisco, Calif. Pipe-cutting machine. 2,553,147, May 15.
Roesen, Oscar C., Scarsdale, N. Y., C. L. Ricards, South Plainfield, and P. L. Tollison, North Plainfield, assignors to Wood Newspaper Machinery Corporation, Plainfield, N. J. Apparatus for cooling and drying stereotype plates and for effecting the controlled application of cooling and drying fluids thereto in synchronism with the conveying thereof. 2,572,666, Oct. 23.
Roeser, Harry M., assignor to Streeter-Amet Company, Chicago, Ill. Motion weighing. 2,543,806, Mar. 6.
Roesholm, Elizabeth, Bronx, N. Y. Perpetual calendar. 2,575,929, Nov. 20.
Roesner, Siegmund, Roselle, Ill. Trap for rodents. 2,579,093, Dec. 18.
Roesel, John F., Wildwood, Fla. Combined ironing board and ironing board supporting means. 2,568,970, Sept. 25.
Roessl, Carl A., and R. P. Fendius, assignors to C. L. Moyer Company, Chicago, Ill. Five-knife three-stage trimming machine. 2,562,950, Aug. 7.
Roethel Engineering Corporation, assignee: *See*—
Roethel, John H.
Roethel, John H., assignor to Roethel Engineering Corporation, Detroit, Mich. Door lock. 2,538,913, Jan. 23.
Roethel, John H., assignor to Roethel Engineering Corporation, Detroit, Mich. Deck lid hinge. 2,543,600, Feb. 27.
Roethel, John H., assignor to Roethel Engineering Corporation, Detroit, Mich. Door lock. 2,552,815, May 15.
Roethel, John H., assignor to Roethel Engineering Corporation, Detroit, Mich. Door lock. 2,557,468, June 19.
Roethel, John H., assignor to Roethel Engineering Corporation, Detroit, Mich. Ice tray. 2,558,984, July 3.
Roethel, John H., assignor to Roethel Engineering Corporation, Detroit, Mich. Door lock control. 2,560,477, July 10.
Roethel, John H., Detroit, Mich. Ice tray. 2,564,235, Aug. 14.
Roetheli, Bruno E., Cranford, N. J., assignor to Standard Oil Development Company. Mild oxidation of carbonaceous solids. 2,560,478, July 10.
Roetheli, Bruno E., Cranford, N. J., assignor to Standard Oil Development Company. Supplying plasticizable carbonaceous solids into a gasification zone. 2,577,632, Dec. 4.
Roetheli, Bruno E., Cranford, N. J., assignor to Standard Oil Development Company. Handling fuels. 2,579,397, Dec. 18.
Roetheli, Bruno E., Cranford, N. J., assignor to Standard Oil Development Company. Handling fuels. 2,579,398, Dec. 18.
Roettinger, Philip, and P. Roettinger, Jr., St. Albans, N. Y. 2,569,074, Sept. 25.
Roettinger, Philip, Jr.: *See*—
Roettinger, Philip and Philip, Jr.
Roffman, Eugene, Philadelphia, Pa. Automatic fire-detecting and extinguishing apparatus. 2,570,280, Oct. 9.
Roffy, Joseph T., Los Angeles, Calif. Fan construction. 2,559,831, July 10.
Rogallo, Francis M.: *See*—
Rogallo, Gertrude S. and F. M.
Rogallo, Gertrude S. and F. M., Hampton, Va. Flexible kite. 2,546,078, Mar. 20.
Rogant, Humbert R., Willoughby, Ohio. Air conditioning apparatus. 2,553,278, May 15.
Rogatz, Pearl M., Milwaukee, Wis. Infant's garment. 2,544,726, Mar. 13.
Rogers, Alden, New Haven, Conn., assignor to A. F. Wheeler, Malden, Mass. Reducing and cutoff valve for heating systems. 2,561,316, July 17.
Rogers, Alfred A., Chicago, Ill. Amplifying circuits comprising a plurality of amplification stages in cascade. 2,561,597, July 24.
Rogers, Allan B., and C. G. Brown, Santa Monica, Calif., assignors to Douglas Aircraft Company, Inc. Aircraft pilot's seat. 2,538,427, Jan. 16.
Rogers, Arthur O: *See*—
Emmick, Robert D., Hambrock, and Rogers.
Rogers, Arthur O., Lewiston, N. Y., assignor to E. I. du Pont de Nemours & Company, Milmington, Del. Hydantoin manufacture. 2,564,647, Aug. 14.
Rogers, Arthur O., Lewiston, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Hydantoin manufacture. 2,564,648, Aug. 14.
Rogers, Arthur O., Lewiston, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of lysine. 2,564,649, Aug. 14.
Rogers, Basil B., Gananoque, Ontario, Canada. Material slitter. 2,554,683, May 29.
Rogers, Bertram C., Sharon, Pa. Reclosing circuit breaker. 2,551,293, May 1.
Rogers, Charles L., Phillips, Tex., assignor to Phillips Petroleum Company. Catalyst chamber construction. 2,546,044, Mar. 20.
Rogers, Custer: *See*—
Ruggiero, Constant.
Rogers, Dilworth T.: *See*—
McNab, John G., and Rogers.
Munday, John C., and Rogers.
Tutwiler, Thomas S., Munday, and Rogers.
Rogers, Don S.: *See*—
Rogers, Irvin A. and D. S., and Rosenberg.
Rogers, Edward F., Middletown, assignor to Merck & Co., Inc., Rahway, N. J. Preparaing ryanodine. 2,564,609, Aug. 14.
Rogers, Edward F., Middletown, assignor to Merck & Co., Inc., Rahway, N. J. Preparing ryanodine. 2,564,610, Aug. 14.
Rogers, Edward F., Middletown, and R. F. Phillips, Westfield, N. J., C. H. Shunk, Madison, Wis., F. R. Koniuszy, Rahway, and K. Folkers, Plainfield, assignors to Merck & Co., Inc., Rahway, N. J. Preparation of penicillenate esters. 2,538,126, Jan. 16.
Rogers, Edwin J., Sidney, assignor to Bendix Aviation Corporation, New York, N. Y. Ceramic and making same. 2,564,859, Aug. 21.
Rogers, Ernest H., Atlanta, Ga., assignor to Saco-Lowell Shops, Boston, Mass. Textile fiber working machine. 2,544,965, Mar. 13.
Rogers, Francis H.: *See*—
Huzenlaub, Erich G., and Rogers.
Rogers, Frank L.: *See*—
Jameson, William L., and Rogers.
Rogers, Gardiner M., Ithaca, N. Y. Fuel injector mechanism. 2,547,174, Apr. 3.
Rogers, Gardiner M., Ithaca, N. Y. Fuel pump. 2,551,053, May 1.
Rogers, George D., U. S. Army, Washington, D. C. Hydraulically expanding hollow rivets. 2,543,063, Feb. 27.
Rogers, George L., Schenectady, N. Y., assignor to General Electric Company. Electric welding system. 2,568,464, Sept. 18.
Rogers, George T., and I. W. Coleman, McKenney, assignors of one-half to R. P. Sowers, Richmond, Va. Tying device. 2,569,780, Oct. 2.
Rogers, Harold E., Los Angeles, and J. M. Magida, North Hollywood, Calif. Electromagnetic reed unit for electrical musical instruments. 2,555,936, June 5.
Rogers, Harold E., and G. D. Doerr, Denver, Colo. Liquid dispensing device. 2,562,212, July 31.
Rogers, Harry, Bakersfield, and W. F. Mellen, said Mellen assignor to A. M. Mellen, Whittier, Calif. Automatic two-way plow. 2,575,428, Nov. 20.
Rogers, Harry, Bakersfield, and W. F. Mellen, said Mellen assignor to A. M. Mellen, Whittier, Calif. Four-bottom two-way plow. 2,575,429, Nov. 20.
Rogers Industries, Inc., assignee: *See*—
Rogers, Louis, and Ettl.
Rogers, Irvin A. and D. S., and A. T. Rosenberg, assignors to Winterseal Corporation, Detroit, Mich. Auxiliary window sash. 2,572,764, Oct. 23.
Rogers, John B., assignee: *See*—
Rogers, William B., and Coffin.
Rogers, John B., Pasadena, Md. Carburetor for high-pressure valves. 2,556,822, June 12.
Rogers, John C., and R. Sims, New Orleans, La. Vented awning. 2,569,388, Sept. 25.
Rogers, John T., Dudley, England. Seat. 2,572,521, Oct. 23.
Rogers, Johnnie C., Patmos, Ark. Liquid-level flight indicator. 2,551,338, May 1.
Rogers, Linwood N., W. A. Mueller, and E. E. Hembre, assignors to Buckeye Cotton Oil Company, Memphis, Tenn. Preparing cellulose derivatives. 2,553,725, May 22.
Rogers, Louis, and J. Ettl, Brooklyn, assignors to Rogers Industries, Inc., New York, N. Y. Machine for making stencils. 2,539,755, Jan. 30.
Rogers, Myron L., Westville, Ind. Hotbox indicator. 2,556,042, June 5.
Rogers, Paul M., Balboa Island, Calif. Manufacture of mops. 2,577,037, Dec. 4.
Rogers, Philip S., W. O. Emmons, J. W. Godfrey, and J. M. Kelso, Lockport, N. Y., assignors to General Motors Corporation, Detroit, Mich. Aircraft radio cooling. 2,544,183, Mar. 6.
Rogers, Raymond A.: *See*—
Fischer, Paul W., and Rogers.

Rogers, Raymond A., Wilmington, assignor to Union Oil Company of California, Los Angeles, Calif. Herbicides. 2,551,705, May 8.
Rogers, Stanley, Boston, Mass. Saw blade holder. 2,575,296, Nov. 13.
Rogers, Thomas G., Macon, assignor to Southern Wood Preserving Company, Atlanta, Ga. Pole kicking apparatus. 2,540,993, Feb. 6.
Rogers, Thomas G., Macon, assignor to Southern Wood Preserving Company, Atlanta, Ga. Hold-down apparatus for poles. 2,540,994, Feb. 6.
Rogers, Thomas H.: *See*—
Skehan, Joseph W., and Rogers.
Rogers, Thomas H., Jr.: *See*—
Osterhof, Harold J., and Rogers.
Rogers, Thomas H., Jr., Akron, and N. R. Bender, Cuyahoga Falls, assignors to Wingfoot Corporation, Akron, Ohio. Frothed latex sponge rubber. 2,539,931, Jan. 30.
Rogers, William B., and E. D. Coffin, Baltimore, assignors to J. B. Rogers, Pasadena, Md. Hopper shaker plate and comb assembly. 2,560,480, July 10.
Roggenstein, Edwin O., Ilion, assignor to Remington Rand Inc., New York, N. Y. Punch tape sensing condenser. 2,546,784, Mar. 27.
Roggero, Mario, Genova-Sestri, assignor to Pier C. Ricchiardi, Rome, Italy. Shelving structure. 2,547,597, Apr. 3.
Rogghe, John C., Upper Montclair, N. J. Scaffold. 2,549,638, Apr. 17.
Rogla Barcelo, Daniel: *See*—
Van Hall, Floris A. J., and Rogla Barcelo.
Rogoff, Julian, New Rochelle, N. Y., assignor to Burndy Engineering Company, Inc. Embossed sheet metal service connector. 2,547,663, Apr. 3.
Rogoff, Julian, New Rochelle, N. Y., assignor to Burndy Engineering Company, Inc. Submersible type insulated connector. 2,576,537, Nov. 27.
Rogow, Charles M., assignor to Efficiency Devices, Brooklyn, N. Y. Electric stop motion. 2,542,708, Feb. 20.
Rohde, Erwin C.: *See*—
Dickey, William K., and Rohde.
Rohland, Curt J., Seekonk, Mass., assignor to Fram Corporation. Machine for making filter elements. 2,553,834, May 22.
Rohlffs, William A., Lancaster, Pa. Vibratory weight reducer. 2,549,933, Apr. 24.
Rohlich, Gerard A.: *See*—
Tomek, Arthur O., and Rohlich.
Rohlik, Sigmund, Detroit, Mich. Combination camera case and filter holder. 2,547,492, Apr. 3.
Rohm & Hass Company, assignee: *See*—
Bock, Louis H.
Bock, Louis H., Leake, and Rainey.
Bock, Louis H., and Luskin.
Bortnick, Newman M.
Croxall, Willard J.
Croxall, Willard J., and Lo.
Croxall, Willard J., and Schneider.
Croxall, Willard J., and Van Hook.
Dawson, John W., and Croxall.
De Benneville, Peter L.
De Benneville, Peter L., and Bock.
De Benneville, Peter L., and Levesque.
Fegley, Marian F., and Croxall.
Glarum, Sivert N., and Houk.
Howe, Eugene E., and Putter.
Kincaid, John F., and Strong.
Kunin, Robert.
Kunin, Robert, and McGarvey.
Levesque, Charles L.
Luskin, Leo S.
McKeever, Charles H., and Van Hook.
McLoughlin, Joseph R.
Niederhauser, Warren D.
Rowland, Stanley P.
Van Hook, John O., and Croxall.
Winters, James C., and Kunin.
Rohn, William C.: *See*—
Goepfrich, George A., and Rohn.
Rohr, Fred, Alexis, Ill. Swinging axle assembly for trailers. 2,561,230, July 17.
Rohrbach, John J., Rochester, assignor to Shuron Optical Company, Inc., Geneva, N. Y. Spectacle frame. 2,554,386, May 22.
Rohrer, Raymond R., Orwigsburg, Pa. Diaper. 2,568,595, Sept. 18.
Rohrlick, Joan E.: *See*—
Rohrlick, Michael K. and J. E.
Rohrlick, Michael K. and J. E., Montreal, Quebec, Canada. Feeding and stitching slide fastener stringers to garment fly pieces. 2,574,351, Nov. 6.
Rohrman, Henry E., Philadelphia, Pa. Door operator. 2,574,760, Nov. 13.
Rojakovick, Joseph, Chicago, Ill., assignor to Brown & Bigelow, St. Paul, Minn. Windshield scraper. 2,536,311, Jan. 2.
Rojas, Francisco A. J., and M. A. M. Rivas, Guantanamo, Cuba. Safety electromagnetic circuit breaker. 2,542,945, Feb. 20.
Rola Company, Inc., The, assignee: *See*—
Engholm, Bernard A.

Roland, Charles T., assignor to Hall Laboratories, Inc., Pittsburgh, Pa. Processed cheese and making the same. 2,564,374, Aug. 14.
Roland, John R.: *See*—
Hanford, William E., and Roland.
Rolando, Charles O.: *See*—
Wolff, Otto E., Fairbank, and Rolando.
Rolatape Incorporated, assignee: *See*—
Staples, James D., and McCrory.
Rolfe, James C., Oak Ridge, and W. S. White, said Rolfe assignor of three-eighths to J. U. Yeldell, Jr., Mer Rouge, La. Cattle chute gate. 2,571,487, Oct. 16.
Rolfson, Francis B.: *See*—
Garrison, Albert H., and Rolfson.
Rolfson, Stanley T.: *See*—
Weisblat, David I., Magerlein, Hanze, and Rolfson.
Rolfson, Stanley T., J. H. Hunter, and J. W. Hinman, assignors to The Upjohn Company, Kalamazoo, Mich. Esters of penaldic acid and preparation thereof. 2,555,006, May 29.
Rolfson, Stanley T., J. H. Hunter, and J. W. Hinman, assignors to The Upjohn Company, Kalamazoo, Mich. Purification of beta esters of penicilloic acid and lead salt thereof. 2,555,007, May 29.
Rolfson, Stanley T., J. H. Hunter, and J. W. Hinman, assignors to The Upjohn Company, Kalamazoo, Mich. Benzyl phenaceturate. 2,555,008, May 29.
Roll, Frank F., and S. Walek, Jr., Alameda, Calif. Parachute packing tool. 2,543,064, Feb. 27.
Rolland, Lucien, Roanne, Loire, France. Cutting tool. 2,551,167, May 1.
Rollandenfabrik, A. Griesser A. G., assignee: *See*—
Griesser, Fritz.
Rollason, Sidney H., Coventry, England. Attachment for use in servicing screwthreading taps. 2,578,842, Dec. 18.
Rolle, Clifford J.: *See*—
Gessler, Albert E., Grupe, Rolle, and Tuttle.
Roller Gear Corporation, assignee: *See*—
Schottler, Henry.
Rollie, Ada E.: *See*—
Rollie, Robert D. and A. E.
Rollie, Robert D. and A. E., St. Paul, Minn. Unitary bathroom structure. 2,557,470, June 19.
Rollings, James N.: *See*—
Norman, Hollis W., and Rollings.
Rollius, Karl: *See*—
Adams, Douglas D., Rollius, and Risher.
Rollman, Heinz W., assignor to Ro-Search, Inc., Waynesville, N. C. Footwear with sponge rubber sole indirectly connected to the upper. 2,574,582, Nov. 13.
Rollman, Heinz W., and A. Szerenyi, assignors to Ro-Search, Inc., Waynesville, N. C. Footwear with sponge rubber sole and rubber upper-attaching strip. 2,580,245, Dec. 25.
Rollman, Michael A., Landisville, Pa. Ice cracker. 2,550,864, May 1.
Rollman, Michael A., Landisville, Pa. Ice-cream freezer. 2,577,916, Dec. 11.
Rollman, Walter F., Cranford, N. J., assignor to Standard Oil Development Company. Recovering solids from gases. 2,550,722, May 1.
Rollman, Walter F., Cranford, N. J., assignor to Standard Oil Development Company. Process and apparatus for contacting fluid solids with gases. 2,575,297, Nov. 13.
Rollmann, Ernst, Los Angeles, Calif., assignor to Ro-Search, Inc., Waynesville, N. C. Footwear with integral gusset at bottom of opening. 2,552,064, May 8.
Roll-Rite Corporation, assignee: *See*—
Christensen, Carl O.
Rolls Razor Limited, assignee: *See*—
Butler, Arthur C.
Rolls-Royce Limited, assignee: *See*—
Davis, Christopher A.
Davis, Christopher A., Bill, and Morley.
Dazeley, Walter E.
Duesbury, William H., and Atkins.
Evernden, Harold I. F.
Evernden, Harold I. F., and Hardy.
Gordon, Francis C.
Griffith, Alan A.
Haworth, Lionel, and Green.
Haworth, Lionel, and Taylor.
Janes, Ralph.
Judson, Charles A., Read, and Hunter.
Lombard, Adrian A.
Lombard, Adrian A., and Dazeley.
Lombard, Adrian A., Vincent, and Morley.
Mordell, Donald L., and Holliday.
Oulianoff, George.
Tarlton, Frank H.
Waller, Ivan.
West, Harold E. W.
Roloson, William G.: *See*—
Spengler, Walter J., and Roloson.
Rolph, Rapha R., Detroit, Mich., assignor to Borg-Warner Corporation, Chicago, Ill. Bearing for universal joints. 2,540,548, Feb. 6.
Rolston, Brown, Silver Spring, Md. Hold-down mechanism of spring-actuated shades. 2,553,279, May 15.
Roma, Charles, Jr., Talladega, Ala. Soap press. 2,558,879, July 3.

Roman, Charles, Miami, Fla. Artificial wood product and making the same. 2,578,489, Dec. 11.
Roman, Michael, Lowville, assignor to R. D. Hay and R. W. Banta, Penn Yan, N. Y. Vacuum filter. 2,564,174, Aug. 14.
Roman, Walter G., and R. C. Cunningham, Buffalo, N. Y., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Electronic control system for rectifier load circuits. 2,554,267, May 22.
Romander, Hugo, Redwood City, Calif., assignor to Federal Telephone and Radio Corporation, New York, N. Y. Oscillator. 2,555,373, June 5.
Romani, Lucien, assignor to Office National d'Etudes et de Recherches Aeronautiques, Paris, France. High-lift appliance for largely swept-back wings. 2,555,862, June 5.
Romano, Claude, Irvington, N. J., assignor to General Electric Company. Adjustable louver assembly for discharge outlets. 2,555,009, May 29.
Romanus, Harald: *See*—
Alfven, Hannes, and Romanus.
Romberger, Ira P., Jr.: *See*—
De Ganahl, Carl, Smith, and Romberger.
Rome Cable Corporation, assignee: *See*—
McCutchan, George L.
Rome, Joseph, Barre, Vt. Sand distributor. 2,574,287, Nov. 6.
Rome, Louis, Rutland, Vt. Disposable tissue container and support therefor. 2,564,997, Aug. 21.
Romeo, Samuel T., Baltimore, Md. Auto jack. 2,571,615, Oct. 16.
Romero, Frederick B., Washington, D. C. Marine propulsion chain. 2,539,756, Jan. 30.
Romero, Frederick B., Washington, D. C. Stable marine vessel. 2,550,298, Apr. 24.
Romero, Frederick B., Washington, D. C. Jet-propelled vessel. 2,570,595, Oct. 9.
Romero, José M.: *See*—
Glumer, Gustavo V., and Romero.
Romeyn, Frans C.: *See*—
Haayman, Pieter W., Romeyn, and Verwey.
Snoek, Jacob L., Haayman, and Romeyn.
Romeyn, Hendrik, Jr., Nutley, N. J., assignor to United States Rubber Company, New York, N. Y. Treatment of cellulosic fibers. 2,549,014, Apr. 17.
Romig, Frank V., and D. C. Turner, Portland, Oreg. Trailer hitch. 2,557,471, June 19.
Romig, Oscar G., St. Joseph, Mo. Compression link for tractor hitches. 2,573,221, Oct. 30.
Rommer, Jack J., Newark, N. J. Device for ejecting an opaque medium in the soft parts of the body for X-raying purposes. 2,567,895, Sept. 11.
Romolt, Abe, assignor of one-fourth to E. Rochman, one-fourth to J. W. Epton, and one-fourth to M. E. Levin, Chicago, Ill. Handle for luggage. 2,563,134, Aug. 7.
Romweber, Richard J., assignee: *See*—
Keefe, Arthur.
Romweber, Robert B., assignee: *See*—
Keefe, Arthur.
Rona Laboratories, Inc., assignee: *See*—
Perlstein, David.
Ronan, Lerned F., East Aurora, N. Y. Saw. 2,568,870, Sept. 25.
Ronan, Rudolph W., Minneapolis, Minn. Hydraulic jack. 2,555,421, June 5.
Ronayne, Michael, Ilford, England, assignor to Ford Motor Company, Dearborn, Mich. Vehicle wheel. 2,540,459, Feb. 6.
Ronceray, Robert A. M., Thiais, France. Machine for the continuous manufacture of casting molds. 2,570,717, Oct. 9.
Ronci, Victor L.: *See*—
Clark, James E., and Ronci.
Ronci, Victor L., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Locking electrical connector. 2,541,294, Feb. 13.
Ronda Button Company, assignee: *See*—
Schmarje, Clarence F., McBride, and Schmarje.
Roney, Leonard C., Los Angeles, Calif. Pressure regulator. 2,543,203, Feb. 27.
Ronfeldt Associates, Inc., assignee: *See*—
Ronfeldt, Howard W.
Ronfeldt, Howard W., Toledo, Ohio. Foundation ventilator. 2,557,566, June 19.
Ronfeldt, Howard W., Toledo, Ohio. Tube connecting device. 2,557,766, June 19.
Ronfeldt, Howard W., Toledo, Ohio, assignor to Ronfeldt Associates, Inc. Mast turning gear mechanism. 2,578,151, Dec. 11.
Ronicker, Harry, West Milton, and R. A. Horn, Dayton, Ohio. Vertically adjustable bifocal spectacles. 2,578,318, Dec. 11.
Ronning, Martin, St. Louis Park, and K. M. Keith, Minneapolis, assignors to Minneapolis-Moline Company, Hopkins, Minn. Baling machine. 2,548,559, Apr. 10.
Ronson Art Metal Works, Inc., assignee: *See*—
Flamm, Alexander L.
Harris, Alexander, Aronson, and Burchett.
Nissen, Warren I.
Ronstadt, Ruth M., Pennington, Ariz. Article of apparel. 2,566.706, Sept. 4.
Rony, Louis: *See*—
Fraizy, Jean, and Rony.
Ronzio, Anthony R.: *See*—
Murray, Arthur, III, and Ronzio.
Rooch, Allen T., Cincinnati, Ohio, and C. E. Greenlaw, Detroit, Mich., said Greenlaw assignor to said Rooch. Deodorizing terpenes. 2,574,498, Nov. 13.
Rood, Clarence J., Fergus Falls, Minn. Oil filter. 2,576,144, Nov. 27.
Rood, Clifford T., assignor to S. C. Johnson & Son, Inc., Racine, Wis. Fabric-treating composition and preparation. 2,563,661, Aug. 7.
Roodner, Sylvia, New York, N. Y. Strapless slip. 2,545,109, Mar. 13.
Roof, Daniel J., West Columbia, S. C. Collapsible crate. 2,557,469, June 19.
Roofing Machinery Mfg. Company, assignee: *See*—
Hart, Wallace L.
Rooke, Robert M., Red Bank, N. J., assignor to Air Reduction Company, Incorporated. Hardening the ends of railroad rails. 2,572,201, Oct. 23.
Rooker, Kenneth M., Des Moines, Iowa. Drag hook. 2,579,864, Dec. 25.
Rooksby, William H., Trafford Park, Manchester, assignor to Turners Asbestos Cement Company Limited, Spotland, Rochdale, England. Apparatus for reinforcing asbestos-cement sheets. 2,578,598, Dec. 11.
Rooksby, William H., Trafford Park, Manchester, assignor to Turners Asbestos Cement Company Limited, Spotland, Rochdale, England. Stacking apparatus. 2,579,094, Dec. 18.
Roon, Leo, Southold, N. Y., and W. T. Smith, Rahway, N. J., assignors to Interchemical Corporation, New York, N. Y. Wood filler composition. 2,568,765, Sept. 25.
Roon, Leo, Southold, N. Y., and W. T. Smith, Rahway, N. J., assignors to Interchemical Corporation, New York, N. Y. Wood filler composition. 2,568,766, Sept. 25.
Rooney, James J., Closter, N. J., assignor of one-third to I. Katz, New York, N. Y. Medicine cabinet. 2,557,037, June 12.
Rooney, John L., Maywood, Ill. Eyeglasses. 2,570,718, Oct. 9.
Rooney, John T., West Palm Beach, Fla. Thickness measuring device. 2,571,488, Oct. 16.
Roop, Harold D., assignor to Automatic X-Ray Corp., Los Angeles, Calif. Control system. 2,537,914, Jan. 9.
Roop, Nathan W., assignor to Columbus Plastic Products Inc., Columbus, Ohio. Cube forming tray for refrigerators. 2,537,915, Jan. 9.
Roop, Nathan W., assignor to Columbus Plastic Products, Inc., Columbus, Ohio. Nesting kitchen canister set. 2,575,770, Nov. 20.
Roos, Axel H., Chico, Calif. Juice extractor having a reciprocating presser cup and a rotating extractor head. 2,553,942, May 22.
Roos, Charles J., Muskegon, Mich. Building wall construction. 2,538,328, Jan. 16.
Roos, Charles J., Muskegon, Mich. Window sash adjusting and holding device. 2,538,329, Jan. 16.
Roos, Charles J., Muskegon, Mich. Flexible pane and screen sash. 2,570,597, Oct. 9.
Roos, Charles J., Muskegon, Mich. Shock resistant fireplace. 2,570,598, Oct. 9.
Roos, Delmar G., assignor to Willys-Overland Motors, Inc., Toledo, Ohio. Joint construction. 2,544,546, Mar. 6.
Roos, Delmar G., assignor to Willys-Overland Motors, Inc., Toledo, Ohio. Power transmission device. 2,545,795, Mar. 20.
Roos, Delmar G., assignor to Willys-Overland Motors, Inc., Toledo, Ohio. Protecting bearings and shaft seals. 2,564,792, Aug. 21.
Roos, Edwin J., Chicago, Ill. Making and assembling fittings. 2,542,780, Feb. 20.
Roos, Francois J., Arcadia, Pretoria, Transvaal, Union of South Africa. Memo pad device for attachment to wrist watch straps, bracelets, and the like. 2,553,676, May 22.
Roos, Jacob, Eindhoven, Netherlands, assignor to General Electric Company. Preparation of zinc-beryllium silicate phosphors. 2,542,360, Feb. 20.
Roos, Walter, Basel, Switzerland. Paste-dispensing syringe for medical purposes. 2,537,550, Jan. 9.
Roos, William J., Sharon, Mass., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Electrostatic precipitator. 2,548,497, Apr. 10.
Roos, William J., Sharon, and R. W. Warburton, Medfield, Mass., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Electrostatic precipitator. 2,556.982, June 12.
Roosa, Vernon D., Ardsley, N. Y. Fuel pump. 2,538,982, Jan. 23.
Roosdorp, Hermanus J., Eindhoven, Netherlands, assignor to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Self-compensating measuring bridge circuit having automatic control and/or alarm. 2,577,483, Dec. 4.
Roosevelt, Oliver W., New York, N. Y. Power diversion transmission. 2,551,396, May 1.
Root, A. I., Company, The, assignee: *See*—
Smith, Edgar F.
Root, Arthur J., Baxter Springs, Kans. Rotary brush for lawn sweepers. 2,552,382, May 8.
Root, Arthur J., Sr., Baxter Springs, Kans. Rotary mower. 2,540,350, Feb. 6.

Root, Charles F., assignor to The Chandler and Price Company, Cleveland, Ohio. Platen press having curved impression member. 2,562,214, July 31.

Root, Charles W.: *See*—
Frei, Jakob R., and Root.

Root, Frank B., Montclair, N. J., assignor to Ellis-Foster Company. Soluble copolymers of polymerizable monomers and drying oil acids-unsaturated dicarboxylic acid-polyhydric alcohol esters and making them. 2,559,465, July 3.

Root, Frank B., Montclair, N. J., assignor to Ellis-Foster Company. Acid-modified copolymers of drying oil acids, maleic-polyhydric alcohol esters, and making same. 2,559,466, July 3.

Root, Homer L., Transfer, Pa. Aquatic device. 2,577,917, Dec. 11.

Root, John G.: *See*—
Dyson, Louis M., and Root.

Root, John J., New York, N. Y. Servomechanism. 2,539,525, Jan. 30.

Root, John J., New York, N. Y. Slide fastener. 2,552,218, May 8.

Root, John J., New York, N. Y. Directional antenna system. 2,552,816, May 15.

Root, Lawrence L., Sebring, Ohio. Kiln for decorated ceramic ware. 2,551,549, May 1.

Root, Le Roy, Stamford, assignor to Scovill Manufacturing Company, Waterbury, Conn. Vanity box. 2,568,365, Sept. 18.

Root, Ralph R., Lakewood, Ohio. Dusting machine. 2,558,914, July 3.

Root, Ralph W., Chicago, Ill. Slidable jaw wrench. 2,537,860, Jan. 9.

Root, Walter J., Monterey Park, Calif. Cement finishing float blade. 2,556,983, June 12.

Rooth, Josephine B., Wellsville, N. Y. Roaster tray and platter. 2,565,046, Aug. 21.

Roper, Charles G., Fairfield, and A. G. K. Wilkens, Shelton, assignors to Manning, Maxwell & Moore, Inc., Bridgeport, Conn. Electronic measurement means and control device. 2,564,175, Aug. 14.

Roper, Edwin A., Washington, D. C. Ventilator for water craft. 2,573,986, Nov. 6.

Roper, Geo. D., Corporation, assignee: *See*—
Abrams, Victor R., and Hollman.
Crone, Albert H., and McLaughlin.

Rop-Loc Products Co., assignee: *See*—
Zoppelt, Samuel.

Roquet, Raymond J. C.: *See*—
Bayard, Honoré M., and Roquet.

Rorden, Harold L., Portland, Oreg., assignor to the United States of America as represented by the Secretary of the Interior. Lightning protection for transmission lines. 2,549,853, Apr. 24.

Rorive, Arille, Lyon, assignor to Societe Industrielle Generale de Mecanique Appliquee (S. I. G. M. A.), Venissieux, (Rhone), France. Adjustable gearing. 2,549,241, Apr. 17.

Rork, Rolland R., assignee: *See*—
Pintar, William.

Rorvig, Alvin H.: *See*—
Flatin, Glenn M., and Rorvig.

Rosa, Anthony G., Lyndhurst, N. J. Locking clip for pens. 2,541,669, Feb. 13.

Rosamilia, Peter L.: *See*—
Harvey, Mortimer T., and Rosamilia.

Rosan, Joseph, North Hollywood, Calif. Threaded insert protector. 2,545,045, Mar. 13.

Rosan, Joseph, North Hollywood, Calif. Tool for installing inserts. 2,550,866, May 1.

Rosan, Joseph, Balboa Island, Calif. Flush head locked-in fastening device. 2,550,867, May 1.

Rosan, Joseph, Balboa Island, Calif. Screw-threaded insert. 2,577,810, Dec. 11.

Rosati, John J., assignee: *See*—
Nail, Walter P.

Rosaz, François M., assignor to Microrex, Saint-Etienne, France. Centerless truing machine. 2,568,825, Sept. 25.

Rosberger, Max, Newark, N. J. Mattress reinforcing device. 2,545,310, Mar. 13.

Rosberger, Max, Newark, N. J. Sectional mattress holder. 2,545,311, Mar. 13.

Rosby, Myron J., Parma, Ohio. Multiple position pot handle. 2,561,952, July 24.

Roscoe, John W., Havertown, and H. Kupke, Yeadon, Pa. Static charge removal device. 2,569,116, Sept. 25.

Roschke, Erwin M., Chicago, Ill., assignor to Zenith Radio Corporation. Subscription image transmission system and apparatus. 2,547,598, Apr. 3.

Roschke, Erwin M., and R. O. Gray, Broadview, Ill., assignors to Zenith Radio Corporation. Television receiver cathode-ray tube synchronizing circuits. 2,558,390, June 26.

Roscoe Manufacturing Company, assignee: *See*—
Rosen, Isidore.

Roscoe, Merrill W., and J. F. Foster, assignors to Deere & Company, Moline, Ill. Crop-moving means for harvester gathering units. 2,538,166, Jan. 16.

Roscoe, Merrill W., Moline, Ill., and R. L. Beldin, Davenport, Iowa, assignors to Deere & Company, Moline, Ill. Guide rod for small grain elevators. 2,560,823, July 17.

Roscoe, Merrill W., Moline, Ill., and R. L. Beldin, Davenport, Iowa, assignors to Deere & Company, Moline, Ill. Pickup auger for small grain elevators. 2,569,871, Oct. 2.

Rosdahl, Karl G., and J. Fekete, assignors to Aktiebolaget Ferrosan, Malmo, Sweden. Para nitro or acetylamino salicylic acid chlorides. 2,541,939, Feb. 13.

Rosdahl, Karl-Gustaf, assignor to Aktiebolaget Ferrosan, Malmo, Sweden. Purifying 4-aminosalicylic acid. 2,580,195, Dec. 25.

Rose, Albert, Princeton, N. J., assignor to Radio Corporation of America. Television image and pickup tube. 2,540,632, Feb. 6.

Rose, Albert, Princeton, N. J., assignor to Radio Corporation of America. Barrier grid storage tube. 2,563,488, Aug. 7.

Rose, Albert, Princeton, N. J., assignor to Radio Corporation of America. Television color picture tube. 2,577,038, Dec. 4.

Rose, Alexander D., Park Ridge, and B. Willach, Chicago, assignors to Jas. P. Marsh Corporation, Skokie, Ill. Instrument with hanger. 2,563,749, Aug. 7.

Rose, Alfred G., assignor to Rose Brothers (Gainsborough) Limited, Gainsborough, England. Mechanism for forming indentations in moving rods of plastic material. 2,561,231, July 17.

Rose, Alfred G., assignor of one-half to Rose Brothers (Gainsborough) Limited, Gainsborough, and one-half to K. H. Nicholls, Freshford, England. Gun mounting. 2,566,855, Sept. 4.

Rose, Alfred G., assignor to Rose Brothers (Gainsborough) Limited, Gainsborough, England. Mechanism for transferring articles and wrappers to turrets. 2,572,391, Oct. 23.

Rose, Andrew G., assignor to Jervis B. Webb Company, Detroit, Mich. Trolley conveyer drive. 2,575,684, Nov. 20.

Rose, Arnold J.: *See*—
Strohmeier, Clem A.

Rose, Arthur, State College, Pa., and G. J. Merritt, Washington, D. C. Armor. 2,562,951, Aug. 7.

Rose, Benjamin: *See*—
Rose, Samuel, and Benjamin.

Rose Brothers (Gainsborough) Limited, assignee: *See*—
Rose, Alfred G.
Gilbert, Joseph A.
Kay, James A.

Rose, Carl, Miami, Fla. Sectional precast concrete fence. 2,574,711, Nov. 13.

Rose, Charles E., assignee: *See*—
Rizer, Floyd R.

Rose, Charles E., Detroit, Mich. Neon light for automobile radiator caps. 2,576,857, Nov. 27.

Rose, Charles M., Westfield, N. J. Convertible hand rake. 2,552,016, May 8.

Rose, Edward J., assignee: *See*—
Rose, Harry J.

Rose, Edward M., and R. W. Epps, Sanger, Calif. Packing box. 2,566,500, Sept. 4.

Rose, Edward P., Syracuse, N. Y. Stocking aligner. 2,570,987, Oct. 9.

Rose, Ervin W., Hammond, Ind. Sprinkling device. 2,566,856, Sept. 4.

Rose, Eugene, Clendenin, W. Va. Drill jig. 2,537,859, Jan. 9.

Rose, Eustace L., Charleston, assignor to Gravely Motor Plow & Cultivator Company, Dunbar, W. Va. Transmission for hand tractors. 2,538,708, Jan. 16.

Rose, Francis L.: *See*—
Curd, Francis H., Swinden, and Rose.

Rose, Francis L., Blackley, Manchester, England, assignor to Imperial Chemical Industries Limited. 1-pyrazolo-(4:3-d)-pyrimidine derivatives. 2,554,213, May 22.

Rose, George M., Jr., East Orange, N. J., assignor to Radio Corporation of America. Semiconductor amplifier construction. 2,538,593, Jan. 16.

Rose, George M., Jr., East Orange, N. J., assignor to Radio Corporation of America. Support for electron discharge devices. 2,565,991, Aug. 28.

Rose, Harold J., Baton Rouge, La., and B. M. Vanderbilt, Westfield, N. J., assignors to Standard Oil Development Company. Preparing diolefin-nitrile copolymers containing less than 25 per cent nitrile. 2,554,268, May 22.

Rose, Harry J., Three Rivers, Mich., assignor, by mesne assignments, to E. J. Rose, Wilmington, Ohio. Heating apparatus. 2,546,785, Mar. 27.

Rose, Helen F.: *See*—
Love, Jesse L., Rose, and Love.

Rose, Howard E., Normandy, Mo., assignor to Curtiss-Wright Corporation. Vulnerability valve. 2,574,416, Nov. 6.

Rose, Howard E., Normandy, assignor to Alco Valve Company, University City, Mo. Unloader valve. 2,579,051, Dec. 18.

Rose, Jay, New York, N. Y. Insulation device. 2,578,599, Dec. 11.

Rose, Jay, New York, N. Y. Insulation device. 2,578,600, Dec. 11.

Rose, John J., McMechen, W. Va. Chalk line reel and stake. 2,555,457, June 5.

Rose, Joseph, Easton, Pa. Baby bed construction for automobiles. 2,555,659, June 5.

Rose, Joseph K., Chicago, Ill. Album. 2,544,566, Mar. 6.
Rose, Leslie: *See*—
Barratt, Harold, and Rose.
Rose, Melvin: *See*—
Strohmeier, Clem A.
Rose, Morris, assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Winding machine. 2,569,618, Oct. 2.
Rose Miller, George P., Barevan, Cawdor, Nairn, Scotland. Liquid feeding device. 2,579,339, Dec. 18.
Rose, Paul R., East Orange, N. J., assignor to Bachmann Uxbridge Worsted Corporation, Uxbridge, Mass. Apparatus for drying warp and the like. 2,541,383, Feb. 13.
Rose, Samuel, assignor to Margon Corporation, Bayonne, N. J. Doll's eye. 2,566,995, Sept. 4.
Rose, Samuel, and B., New York, N. Y. Apparatus for drying photographic strip film. 2,567,730, Sept. 11.
Rose, Thomas M., Pittsburgh, Pa., assignor to Salem-Brosius, Inc. Furnace charger. 2,576,265, Nov. 27.
Rose, William R., Coventry, assignor to The General Electric Company, Limited, London, England. Two-motion selective switch. 2,543,671, Feb. 27.
Ro-Search, Inc., assignee: *See*—
Rollmann, Ernst.
Rollman, Heinz W.
Rollman, Heinz W., and Szerenyi.
Roseau, Marcel, Algiers, Algeria. Electromechanical power transmission. 2,561,953, July 24.
Rosebrook, Homer E., assignor, by mesne assignments, to Gibson Refrigerator Company, Greenville, Mich. Two-temperature refrigerator. 2,539,105, Jan. 23.
Rosefield Packing Co. Ltd., assignee: *See*—
Avera, Fitzhugh L.
Roselyn, Leo, San Francisco, Calif. Demountable showcase. 2,546,564, Mar. 27.
Roseman, Reuben: *See*—
Eisenberg, Harry, Allan, and Roseman.
Rosen, Al, Brooklyn, N. Y. Model form garment hanger. 2,558,497, June 26.
Rosen, Bernard A., Baltimore, Md. Adhesive tape applicator. 2,551,168, May 1.
Rosen, Bernard H.: *See*—
Willke, Louis G., Rosen, and Smith.
Rosen, Carl G. A., Peoria, C. R. Maxwell, Washington, C. H. Paul, Peoria Heights, and R. J. Furstoss, Peoria, Ill., assignors to Caterpillar Tractor Co., San Leandro, Calif. Engine cooling, cylinder jacket, and head construction. 2,572,392, Oct. 23.
Rosen, Donald E.: *See*—
Hammar, Gustaf W., Noddin, Rosen, and Trelease.
Rosen, Harry, Drexel Hill, and C. T. Ichniowski, assignors to Wyeth Incorporated, Philadelphia, Pa. Preparation of a cardio-active glycoside. 2,557,916, June 19.
Rosen, Harry A., New York, N. Y. Educational appliance. 2,574,064, Nov. 6.
Rosen, Irving N., assignee: *See*—
Hoffman, Sigmund.
Rosen, Isidore, Bronx, assignor to Roscoe Manufacturing Company, New York, N. Y. Crotch construction. 2,542,210, Feb. 20.
Rosen, Joseph, New York, assignor to W. L. Greenfogel, Rego Park, N. Y. Combination article of furniture and bed. 2,568,366, Sept. 18.
Rosen, Leonard J.: *See*—
Seymour, George W., White, Rosen, and Kruth.
Rosen, Raphael, Elizabeth, N. J., assignor, by mesne assignments, to the United States of America as represented by the United States Atomic Energy Commission. Fluorination process. 2,568,660, Sept. 18.
Rosen, Ruben P., assignor to Progress Manufacturing Company, Inc., Philadelphia, Pa. Socket for tube type incandescent lamps. 2,554,541, May 29.
Rosen, Ruben P., assignor to Progress Manufacturing Company, Inc., Philadelphia, Pa. Fluorescent lamp socket. 2,567,731, Sept. 11.
Rosen, Samuel, Miami Beach, Fla., assignor of fifty per cent to M. J. Berkson, Chicago, Ill. Catamenial belt. 2,554,684, May 29.
Rosen, Shy, New York, N. Y. Stenciling device. 2,542,059, Feb. 20.
Rosen, Sidney: *See*—
Bangert, John T., and Rosen.
Rosenbarger, Cecilia M., assignee: *See*—
Rosenbarger, Clifford W.
Rosenbarger, Clifford W., assignor of fifteen per cent to G. E. Rosenbarger, seven and one-half per cent to R. C. Rosenbarger, and seven and one-half per cent to C. M. Rosenbarger, Indianapolis, Ind. Trunk lid locking device for automobiles. 2,548,242, Apr. 10.
Rosenbarger, Gus E., assignee: *See*—
Rosenbarger, Clifford W.
Rosenbarger, Roy C., assignee: *See*—
Rosenbarger, Clifford W.
Rosenbaum, Benjamin N.: *See*—
Whelan, Edward P., and Rosenbaum.
Rosenbaum, Harry S., Baltimore, Md. Tilting mechanism for Venetian blinds. 2,541,184, Mar. 6.
Rosenbaum, Harry S., Baltimore, Md. Cord lock for Venetian blinds. 2,575,395, Nov. 20.
Rosenbaum, Joseph G., North Royalton, Ohio. Ash receiver. 2,563,750, Aug. 7.
Rosenbaum "Q-B-K" Parking Co., assignee: *See*—
Whelan, Edward P., and Rosenbaum.
Rosenbaum, William C., Ferguson, Mo. Flow system and valve structure therefor. 2,577,434, Dec. 4.
Rosenberg, Albert: *See*—
Rosenberg, Milton, and A.
Rosenberg, Arthur T.: *See*—
Rogers, Irvin A. and D. S., and Rosenberg.
Rosenberg, Ernst T., Lynby, Denmark, K. B. Högber, Halsingborg, and K. E. L. Claeson, Stockholm, assignors to Aktiebolaget Leo, Halsingborg, Sweden. Methylated gelatin-insulin preparation. 2,574,889, Nov. 13.
Rosenberg, Gordon W., Elkins Park, Pa. Waist and fly closure construction. 2,563,190, Aug. 7.
Rosenberg, Harold: *See*—
Russell, Blinn W., Jr., Rosenberg, and Brown.
Rosenberg, Harry W.: *See*—
Reppert, Horace E., and Rosenberg.
Rosenberg, Heinz, Vienna, Austria. Adjustable frequency commutator generator. 2,573,494, Oct. 30.
Rosenberg, Jerome, Brooklyn, N. Y. Electrode adaptor cap. 2,565,932, Aug. 28.
Rosenberg, Leo F., assignor of five-twentieths to B. Christensen and four-twentieths to S. Howard, Chicago, Ill. Fluid pressure actuating device. 2,550,601, Apr. 24.
Rosenberg, Leon J., Atlanta, Ga., assignor to Gaylord Container Corporation, St. Louis, Mo. Telescopic shipping carton. 2,567,786, Sept. 11.
Rosenberg, Milton: *See*—
Sziklai, George C., and Rosenberg.
Rosenberg, Milton and A., New York, N. Y. Box network. 2,554,958, May 29.
Rosenberg, Norman P., Girard, Ohio. Ornamental ship model display. 2,545,706, Mar. 20.
Rosenberg, Paul, Cambridge, Mass., assignor, by mesne assignments, to the United States of America as represented by the Secretary of the Navy. Sine wave potentiometer. 2,549,389, Apr. 17.
Rosenberg, Paul, Larchmont, assignor to J. A. Carter, New York, N. Y. Compact radio receiver. 2,554,270, May 22.
Rosenberg, Philip, New York, assignor to Universal Steel Equipment Corporation, Long Island City, N. Y. Locking mechanism for revolving bins. 2,553,507, May 15.
Rosenberg, Philip, assignor to Universal Steel Equipment Corporation, New York, N. Y. Collapsible delivery box. 2,553,607, May 22.
Rosenberg, Theodore R., New York, N. Y. Collapsible day viewing and protective device for fluroscope screens. 2,537,373, Jan. 9.
Rosenberg, Thomas: *See*—
Krayenbühl, Charles H., and Rosenberg.
Rosenberger, Albert J., assignor to Republic Flow Meters Company, Chicago, Ill. Pressure operated boiler feed water control. 2,563,374, Aug. 7.
Rosenberger, Emil A., Cedar Rapids, Iowa. Umbrella carrier. 2,541,614, Feb. 13.
Rosenberger, Harold J., Rockville Centre, assignor to All America Cables & Radio, Inc., New York, N. Y. Code tape punching apparatus. 2,556,220, June 12.
Rosenblatt, Joel H., Baltimore, Md. Concrete form. 2,544,110, Mar. 6.
Rosenblatt, Maurice C., New York, N. Y. Ear protector. 2,574,288, Nov. 6.
Rosenblatt, Pauline E., Cleveland, Ohio. Drop seat panty. 2,538,848, Jan. 23.
Rosenblatt, Pauline E., Cleveland, Ohio. Maternity garter belt. 2,569,953, Oct. 2.
Rosenblum, Benjamin: *See*—
Whitehead, Stanley, and Rosenblum.
Rosenblum, Benjamin, London, England, now by change of name Benjamin Roston. Measuring apparatus, including means for controlling automatically the gain of an amplifier. 2,543,469, Feb. 27.
Rosenboom, Gustaf H., Kalama, Wash. Pipe cutting and tenoning machine. 2,537,916, Jan. 9.
Rosenbusch, Richard, assignor to Victor Wolf Limited, Clayton, Manchester, England; said R. Rosenbusch now by judicial change of name R. Rowe. Production of monohydric alcohol esters. 2,541,482, Feb. 13.
Rosencrans, Charles A., Haddonfield, N. J., assignor to Radio Corporation of America. Antenna switching system. 2,549,639, Apr. 17.
Rosencrans, Charles A., Haddonfield, N. J., assignor to Radio Corporation of America. Dielectric wave guide closure. 2,577,158, Dec. 4.
Rosenfeld, Edward M., deceased, Cleveland Heights, Ohio; S. Rosenfeld, administratrix, assignor to S. Rosenfeld. Adjustable bed. 2,567,619, Sept. 11.
Rosenfeld, George P.: *See*—
Chase, Adine P., and Rosenfeld.
Rosenfeld, Menachem Y., London, England. Perpetual calendar. 2,543,731, Feb. 27.
Rosenfeld, Nathan, Los Angeles, Calif. Tent. 2,572,393, Oct. 23
Rosenfeld, Sylvia, administratrix, assignee: *See*—
Rosenfeld, Edward M.
Rosenfelder, Bruno, Vineland, N. J. Chicken nest. 2,565,992, Aug. 28.
Rosenfield, Benjamin, assignor to The Scholl Mfg. Co., Inc., New York, N. Y. Tubular bandage. 2,571,946, Oct. 16.
Rosenhagen, John, St. Albans, N. Y. Reinforced hollow structural panel or door. 2,538,330, Jan. 16.

Rosenheim, David, New York, N. Y., assignor to Lapin Products, Inc., Newark, N. J. Child's toy musical instrument. 2,572,818, Oct. 23.
Rosenheim, David J., New York, N. Y., assignor to Lapin Products, Inc., Newark, N. J. Toilet seat construction. 2,539,481, Jan. 30.
Rosenjack, Marie, Cleveland, Ohio. Folding high chair. 2,563,553, Aug. 7.
Rosenkrans, Frank A., Bridgeport, and E. A. Wagner, Stratford, Conn., assignors to General Electric Company. Fluid pump with direction responsive impeller blades. 2,570,862, Oct. 9.
Rosenkranz, George: *See*—
Djerassi, Carl, Rosenkranz, and Berlin.
Kaufmann, Stephen, and Rosenkranz.
Rosenkranz, George, and S. Kaufmann, assignors to Syntex, S. A., Mexico City, Mexico. Cyclopentanophenanthrene derivatives and process. 2,575,840, Nov. 20.
Rosenman, Abraham W., Fairfield, and R. F. Greiser, Easton, Conn. Dispensing and disposing tissue container. 2,579,758, Dec. 25.
Rosenqvist, Gunnar, Calumet, Mich. Manufacture by electrodeposition. 2,540,175, Feb. 6.
Rosenstand, Thomas: *See*—
Andersen, Anders K. K.
Rosenstein, Ludwig, San Francisco, Calif., assignor to Texaco Development Corporation, New York, N. Y. Dethiolizing hydrocarbons and other organic liquids. 2,578,602, Dec. 11.
Rosenthal, Adolph H., assignor to Scophony Corporation of America, New York, N. Y. Apparatus for drawing wire. 2,568,303, Sept. 18.
Rosenthal, Adolph H., New York, N. Y., assignor, by mesne assignments, to Skiatron Electronics and Television Corporation. Supersonic light modulator. 2,578,601, Dec. 11.
Rosenthal, Allan, Brooklyn, N. Y. Making decorative articles. 2,578,743, Dec. 18.
Rosenthal, Arnold J.: *See*—
Fortess, Fred, Rosenthal, and White.
Rosenthal, Charles, assignee: *See*—
Vassakos, Leonidas A.
Rosenthal, Daniel, Brooklyn, N. Y. Ceramic compositions. 2,560,188, July 10.
Rosenthal, Frank, New York, N. Y. Tie rack. 2,564,408, Aug. 14.
Rosenthal, George J., Los Angeles, Calif. Adjustable bed lamp with extensible shield. 2,567,528, Sept. 11.
Rosenthal, Henry L., assignor to H. L., P. H., L. E., and M. A. Rosenthal, co-partners, doing business as Rosenthal Mfg. Co., Milwaukee, Wis. Self-feeding corn husking machine. 2,538,914, Jan. 23.
Rosenthal, Henry L., assignor to H. L., P. H., L. E., and M. A. Rosenthal, co-partners doing business as Rosenthal Mfg. Co., Milwaukee, Wis. Stalk feeder for corn harvesters. 2,542,573, Feb. 20.
Rosenthal, I., assignee: *See*—
Hills, Elmer G.
Rosenthal, Joseph H., Minneapolis, Minn. Mirror advertising device. 2,565,575, Aug. 28.
Rosenthal, Lawrence E., assignee: *See*—
Rosenthal, Henry L.
Rosenthal, Mabel A., assignee: *See*—
Rosenthal, Henry L.
Rosenthal, Melvin, Bronx, N. Y. Radiant energy sterilizer. 2,554,156, May 22.
Rosenthal Mfg. Co., assignee: *See*—
Rosenthal, Henry L.
Rosenthal, Paul H., assignee: *See*—
Rosenthal, Henry L.
Rosenthal, Philip, New York, N. Y. Safety harness. 2,553,007, May 15.
Rosenthal, Robert L., San Francisco, and C. W. Tobias, Berkeley, Calif. Method and apparatus for measuring resistance of blood during clotting. 2,555,937, June 5.
Rosenthal, Sidney N., New York, N. Y. Marking pen. 2,547,541, Apr. 3.
Rosenthal, William, Bayville, assignor to Maiden Form Brassiere Co., Inc., New York, N. Y. Décolleté brassière. 2,548,823, Apr. 10.
Rosenthal, William, Bayville, assignor to Maiden Form Brassiere Company, Inc., New York, N. Y. Brassière. 2,567,732, Sept. 11.
Rosenwald, Robert H., Western Springs, assignor to Universal Oil Products Company, Chicago, Ill. Stabilization of organic compounds. 2,555,509, June 5.
Rosenzweig, Sam, and W. M. Fuchs, New York, N. Y.; said Fuchs assignor to said Rosenzweig. Metal ammino sulfa compounds and their production. 2,536,095, Jan. 2.
Rosenzweig, Walter J., Appleton, Wis. Warehouse truck. 2,543,381, Feb. 27.
Rosetto, Carmen: *See*—
Vanadia, Frank, and Rosetto.
Roshak, Stanley P., Milwaukee, Wis. Electric toy. 2,537,281, Jan. 9.
Roshong, Joseph M., assignor to The Timken Roller Bearing Company, Canton, Ohio. Grinder for the spherical ends of rollers. 2,551,568, May 1.
Rosier, Alfred M., Lynbrook, N. Y. Toothbrush holder. 2,570,380, Oct. 9.
Rösli, Jacques, assignor to APA Prospekt A-G., Zurich, Switzerland. Drying cap. 2,575,841, Nov. 20.
Rosner, Irving, assignor to Even-Pul Foundations, Inc., New York, N. Y. Brassière. 2,538,709, Jan. 16.
Rosner, Irving, assignor to Even-Pul Foundations, Inc., New York, N. Y. Form constricting and molding garment. 2,565,438, Aug. 21.
Ross, Cecil F., assignee: *See*—
Ross, Roy R.
Ross, Charles, Tulsa, Okla. Preserving eggs. 2,561,137, July 17.
Ross, Charles E.: *See*—
Preaus, Charles M., and Ross.
Ross, Charles G., Southwick, England. Holder for cosmetics and the like. 2,570,596, Oct. 9.
Ross, Colin P., London, England, assignor to International Standard Electric Corporation, New York, N. Y. Volume compression system. 2,558,002, June 26.
Ross, Donald E., Eagle Rock, and H. S. Heller, Los Angeles, Calif., said Ross assignor to said Heller. Retracting the cores from the electromagnets of a magnetic sound recording head. 2,538,981, Jan. 23.
Ross, Edgar L., assignor of ten per cent to J. A. Parker, Los Angeles, Calif. Suture holder and dispenser. 2,572,522, Oct. 23.
Ross, Elmer R., assignor to Kelsey-Hayes Wheel Company, Detroit, Mich. Internally expanding brake. 2,576,538, Nov. 27.
Ross, Elmer R., assignor to Kelsey-Hayes Wheel Company, Detroit, Mich. Internally expanding brake. 2,578,152, Dec. 11.
Ross, Emmett L., Akron, Ohio. Apparatus for determining straightness of axle housings. 2,562,213, July 31.
Ross, Frank E., Jr.: *See*—
Ross, Frank, F. E., and Field.
Ross, Frank, F. E., Jr., and H. G. Field, St. Louis, Mo. Flange oiler. 2,550,865, May 1.
Ross, Frank J., Detroit, Mich. Telescoping tube construction. 2,551,294, May 1.
Ross, Frank J., Detroit, Mich. Line guide for fishing rods. 2,561,675, July 24.
Ross, Frederick W., Dearborn, Mich. Airplane control system. 2,542,946, Feb. 20.
Ross Gear and Tool Company, assignee: *See*—
Newman, Percy A.
Ross, Harry L., assignor to Kay, Inc., New York, N. Y. Illuminated display. 2,556,779, June 12.
Ross, Imogene, assignee: *See*—
Pfeifer, Charles F.
Ross, James S.: *See*—
Jirsa, Emil F., and Ross.
Ross, John: *See*—
Kalkemus, John D., and Ross.
Malkemus, John D., and Ross.
Ross, John, Ramsey, assignor to Colgate-Palmolive-Peet Company, Jersey City, N. J. Stabilizing fatty material. 2,567,404, Sept. 11.
Ross, John, Ramsey, and A. I. Gebhart, Union, assignors to Colgate-Palmolive-Peet Company, Jersey City, N. J. Separation of maleic anhydride-olefin monomers from polymers. 2,573,495, Oct. 30.
Ross, Justin E., Kansas City, Mo. Talcum powder dispenser. 2,552,817, May 15.
Ross, Karl F., Bronx, N. Y. Phase discriminator. 2,557,038, June 12.
Ross, Loren A., Richmond, Calif. Socket wrench turning device. 2,577,157, Dec. 4.
Ross, Mark, Los Angeles, Calif. Portable headrest. 2,574,590, Nov. 13.
Ross, Orrin E., Massapequa, N. Y. Electrically operated lawn mower. 2,561,293, July 17.
Ross, Ronald E., Long Island City, N. Y. Collapsible combination screen and table. 2,549,242, Apr. 17.
Ross, Roy R., Alexandria, Va., assignor of 50% to C. F. Ross, Washington, D. C. Rodent trap. 2,579,966, Dec. 25.
Ross, Samuel B., Washington, D. C. Telephone support. 2,552,590, May 15.
Ross, Sidney D.: *See*—
Bartlett, Paul D., and Ross.
Ross, Sidney D., and M. Markarian, assignors to Sprague Electric Company, North Adams, Mass. Halogenated aromatic compounds. 2,564,214, Aug. 14.
Ross, Stewart R., assignor of one-fourth to F. A. Best, Windsor, Ontario, Canada. Reversing valve mechanism. 2,550,723, May 1.
Ross, Thomas E., Stillwater, Minn. Hydraulic lift for mower sickle bars. 2,566,144, Aug. 28.
Ross, Walter F., Northville, Mich., assignor, by mesne assignments, to Niles-Bement-Pond Company, West Hartford, Conn. Forming grinding wheels. 2,571,293, Oct. 16.
Ross, William E., and E. B. Fountain, Berkeley, Calif, assignors to Shell Development Company, San Francisco, Calif. Temperature control during exothermic reactions. 2,570,487, Oct. 9.
Rossein, Morris, Providence, R. I. Multiple initial device. 2,568,513, Sept. 18.
Rossell, William T., New York, N. Y. Infinitely variable transmission. 2,565,148, Aug. 21.
Rosser, Cyllus D., Sr., assignor of one-half to F. H. Rosser, Gary, Ind. Cable slitting tool. 2,537,237, Jan. 9.
Rosser, Francis H., assignee: *See*—
Rosser, Cyllus D., Sr.

Rosser, William F., New Rochelle, N. Y., assignor to The Sheffield Corporation, Dayton, Ohio. Device for gauging the eccentricity and diameter of an annular part. 2,547,719, Apr. 3.
Rossetto, Louis, New York, N. Y., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Power plant lubrication system. 2,571,166, Oct. 16.
Rossi, Bruno B., Cambridge, Mass., and H. H. Staub, Palo Alto, Calif, assignor to the United States of America as represented by the United States Atomic Energy Commission. Electronic circuit. 2,541,940, Feb. 13.
Rossi, Bruno, Winchester, Mass., H. S. Sack, Ithaca, N. Y., R. T. Beyer, Providence, R. I., and G. H. Miller, Rochester, N. Y., assignors to the United States of America as represented by the Secretary of the Navy. Computer using magnetic amplifier. 2,574,438, Nov. 6.
Rossi, Irving, Morristown, N. J., assignor to Continuous Metalcast Corporation, Wilmington, Del. Apparatus for the continuous casting of metal slab. 2,564,723, Aug. 21.
Rossi, Irving, West Orange, N. J., and W. Dubilier, New Rochelle, N. Y. Bottle cap. 2,573,111, Oct. 30.
Rossi, Rocco F., Arlington, and R. A. and G. Hyde, Brookline, assignors to A. R. Hyde & Sons Company, Cambridge, Mass. Athletic shoe. 2,563,751, Aug. 7.
Rossi, Tony P., Albuquerque, N. Mex. High chair. 2,574,289, Nov. 6.
Rossignol, Abel, Voiron, France. Ski and its manufacture. 2,560,663, July 17.
Rossin, Elmer H., Melrose, Mass., assignor to Monsanto Chemical Company, St. Louis, Mo. Improving fastness to crocking of azoic dyed materials using certain vinyl resins. 2,575,026, Nov. 13.
Rossire, Francis H. S., Leonia, assignor to Bendix Aviation Corporation, Teterboro, N. J. Stick controller for automatic pilots. 2,553,280, May 15.
Rossiter, Millard M., Tulare, Calif. Hay loader attachment. 2,543,302, Feb. 27.
Rosskopf, Hans: *See*—
Oestrich, Hermann, Rosskopf, Renner, and Valter.
Rossman, Edwin F.: *See*—
Funkhouser, Mearick, and Rossman.
Rossman, Edwin F., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Shock absorber. 2,537,423, Jan. 9.
Rossman, Edwin F., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Shock absorber. 2,537,424, Jan. 9.
Rossman, Edwin F., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Shock absorber. 2,537,425, Jan. 9.
Rossman, William, Pecos, Tex. Folding rack or bed frame. 2,541,438, Feb. 13.
Rossmann, Peter F., Morristown, N. J., and K. Rath, New York, N. Y. Controlling windows and the like. 2,548,847, Apr. 10.
Rossmann, Peter F., Depew, and K. Rath, New York, N. Y. Making sound motion-picture film. 2,564,312, Aug. 14.
Rost, Helge F., Djursholm, and P. H. E. Claesson, Jakobsberg, Sweden. System and means for determination of direction and distance. 2,536,770, Jan. 2.
Rost, Helge F., Djursholm, and P. H. E. Claesson, Jakobsberg, Sweden. Subaqueous sound transmission system for object detection. 2,536,771, Jan. 2.
Rost, Otto W., Chicago, Ill., assignor to The Union Swith and Signal Company, Swissvale, Pa. Railway signal lighting control apparatus. 2,547,664, Apr. 3.
Rostas, Ernest: *See*—
Clark, Trevor H., Clavier, and Rostas.
Roston, Benjamin: *See*—
Rosenblum, Benjamin.
Whitehead, Stanley, and Rosenblum.
Rostrom, Douglas W., assignor to Dominion Magnesium Limited, Toronto, Ontario, Canada. Sintering titanium and like metals. 2,546,320, Mar. 27.
Roswell, Charles N., Chicago, Ill. Liquid heater. 2,540,293, Feb. 6.
Roswell, Charles N., Chicago, Ill. Valve. 2,552,117, May 8.
Roswell, Charles N., Chicago, Ill. Liquid heating system. 2,556,107, June 5.
Roswit, Bernard, assignee: *See*—
Puls, Fred H.
Roszbach, George P.: *See*—
Blok, Lourens, and Roszbach.
Rotary Hoes Limited, assignee: *See*—
Howard, Arthur C.
Rotary Lift Company, assignee: *See*—
Jaseph, Lawrence F.
Rotary Seal Company, assignee: *See*—
Jensen, Hans.
Rotax, Limited, assignee: *See*—
Bourne, William G.
Hamilton, Ralph F. G.
Millns, Terence W.
Robinson, Eric E.
Rotelli, Luigi, assignor to S. M. Rotelli, Framingham, Mass. Cleaning and renewing used paint brushes. 2,564,129, Aug. 14.
Rotelli, Selma M., assignee: *See*—
Rotelli, Luigi.
Roters, Herbert C., Kew Gardens, assignor, by mesne assignments, to Casner Patents, Inc., New York, N. Y. Hysteresis dynamoelectric machine. 2,547,599, Apr. 3.
Roters, Herbert C., Kew Gardens, N. Y., assignor to De Laval Separator Company. Induction motor. 2,579,865, Dec. 25.
Roth, Barbara: *See*—
Smith, James M., Jr., and Roth.
Roth, Barbara, Middlesex, N. J., assignor to American Cyanamid Company, New York, N. Y. Preparation of substituted pteridines. 2,568,971, Sept. 25.
Roth, Barbara, Middlesex Borough, N. J., assignor to American Cyanamid Company, New York, N. Y. Substituted pteridines and preparing the same. 2,577,039, Dec. 4.
Roth, Ernest J., Rockleigh, N. J., assignor to Joe Lowe Corporation, New York, N. Y. Doughnut sugaring machine. 2,536,662, Jan. 2.
Roth, Herman P., Inglewood, assignor to The Garrett Corporation, Los Angeles, Calif. Oxygen demand pressure breathing regulator. 2,545,707, Mar. 20.
Roth, Irene H., assignee: *See*—
Hasskamp, Fred C.
Roth, Lawrence J., and A. J. Miller, Rochester, N. Y. Expansion thermometer and making the same. 2,551,706, May 8.
Roth, Lloyd J.: *See*—
Southern, John A., Roth, Licata, and Cunder.
Roth, Louis, Baltimore, Md. Quick-change whistle combination. 2,560,895, July 17.
Roth, Mona N. M., Chicago, Ill. Hair curler. 2,563,421, Aug. 7.
Roth, Wilfred, Cambridge, Mass., assignor, by mesne assignments, to the United States of America as represented by the Secretary of War. Apparatus for simulating the operation of a radio object locating system. 2,548,684, Apr. 10.
Roth, William A., St. Paul, Minn. Vane type hydraulic clutch. 2,571,063, Oct. 9.
Roth, William E., Houston, Pa. Tire jack. 2,553,281, May 15.
Rothe, Hugo F., Lincoln Park, Mich. Weighted aerial game piece. 2,553,943, May 22.
Rothe, Walter F., Washington, D. C. Potted plant container. 2,550,602, Apr. 24.
Rothe, Walter F., Washington, D. C. Key identification means. 2,566,749, Sept. 4.
Rothe, Walter F., Washington, D. C. Apparatus for forming depressions in cylindrical cans. 2,576,240, Nov. 27.
Rothe, William H., Irvington, N. J. Bob pin for hair dressing. 2,543,642, Feb. 27.
Rothenberg, Irving: *See*—
Kagan, Simon, and Rothenberg.
Rothenberg, Moe W., assignor to B. H. Wenner, Los Angeles, Calif. Ring stretcher and expander. 2,558,271, June 26.
Rothenborg, Aage, Hellerup, Denmark, A. H. Eriksson, and B. A. Magnusson, assignors to Husqvarna Vapenfabriks Aktiebolag, Huskvarna, Sweden. Control means for sewing machines. 2,553,211, May 15.
Rotherham, Oswald, Hermosa Beach, Calif. Clothesline reel. 2,569,020, Sept. 25.
Rothfus, Elmer A.: *See*—
Kepple, Kenneth A., and Rothfus.
Rothman, Emil, assignor to Edward Ermold Company, New York, N. Y. Apparatus for inverting article containers. 2,578,603, Dec. 11.
Rothrock, George M., Kenmore, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Treatment of polymers containing cyano groups with amines and hydrogen sulfide. 2,563,662, Aug. 7.
Rothschild, Eric, New York, N. Y. Egg cooker. 2,562,991, Aug. 7.
Rothschild, Hans J., assignor to Georg Fischer Aktiengesellschaft, Schaffhausen, Switzerland. Mold drawing device for molding machines. 2,569,580, Oct. 2.
Rothschild, Robert F., Hempstead, N. Y., assignor to The Sperry Corporation. Radio navigation system. 2,539,482, Jan. 30.
Rothschild, Siegfried, London ,England, assignor to The Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Making a luminescent zinc sulfide. 2,514,384, Feb. 13.
Rothschild, Siegfried, London, England, assignor to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Preparing zinc sulfide phosphor. 2,546,239, Mar. 27.
Rothstein, Jerome, Belmar, N. J. Thyratron cathode design to prevent clean-up of hydrogen. 2,572,881, Oct. 30.
Rothweiler, Charles O., assignor to David White Company, Milwaukee, Wis. Heating device. 2,562,821, July 31.
Rothwell, John J., Elkhart, assignor to Penn Electric Switch Co., Goshen, Ind. Calibration mechanism for controls. 2,541,385, Feb. 13.
Rothwell, John J., Elkhart, and R. C. Strasser, assignors to Penn Electric Switch Co., Goshen, Ind. Pressure operated control switch. 2,562,437, July 31.
Rothwell, John J., Elkhart, and L. B. Wagner, assignors to Penn Electric Switch Co., Goshen, Ind. Primary control for burners. 2,578,947, Dec. 18.
Rotner, Irving E., Spring Valley, N. Y. Headrest cover unit for dental chairs. 2,566,582, Sept. 4.

Rotoi Limited, assignee: *See*—
Beard, Samuel W. G.
Rotor Power Units Limited, assignee: *See*—
Fry, Andrew and F. A.
Roto-Screen Company, assignee: *See*—
Reinke, George W.
Rotter, Lutwin C.: *See*—
Klein, Victor G., and Rotter.
Rotter, Lutwin C., Maplewood, and V. G. Klein, assignors to Lincoln Engineering Company, St. Louis, Mo. Hydraulic circuit apparatus. 2,556,708, June 12.
Rotter, Theodore, Denver, Colo. Forming laminated articles. 2,540,549, Feb. 6.
Rottier, Jean, Barcelona, Spain. Apparatus for scouring, bleaching, dyeing, or other similar operations on textile materials. 2,559,030, July 30.
Rotureau, Jacob B., Columbia, S. C. Self-starting single-phase motor. 2,555,097, May 29.
Roubal, Alexander J., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Eccentric duplex briquetting press. 2,558,693, June 26.
Roubal, Alexander J., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Vibrator. 2,566,317, Sept. 4.
Roubal, Alexander J., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Gyratory crusher with vertically adjustable head. 2,579,516, Dec. 25.
Roubinet, René: *See*—
Le Coënt, Albert, Guillon, and Roubinet.
Roucka, Erich, Brunn, Czechoslovakia. Artificially reproducing the actions of the heart and blood circulation and the factors controlling the same. 2,556,043, June 5.
Roučka, Erich, and F. Streit, Brunn, Czechoslovakia. Spring hammer. 2,560,250, July 10.
Roud, Gust, Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Grid structure for refrigerators. 2,549,015, Apr. 17.
Roudaire, Raymond J. A.: *See*—
Huc, Marcel R. E., Roudaire, and Monroy.
Roudaut, Jean, New York, N. Y., assignor to Chatham Electronics Corporation, Newark, N. J. Friction generator. 2,572,765, Oct. 23.
Roudaut, Jean, New York, N. Y., assignor to Chatham Electronics Corporation, Newark, N. J. Friction generator. 2,577,542, Dec. 4.
Rouge, Marcel, St. Rambert-l'Ile Barbe, assignor to Societe Rhodiaceta, Paris, France. Cross winding yarns on their supporting reels. 2,550,086, Apr. 24.
Rouget, François M., Paris, France. Sorting, classifying, and purifying apparatus. 2,542,095, Feb. 20.
Roughsedge, Robert H., Ramsey, N. J., and H. G. Lustig, Long Island City, N. Y., assignors to Celanese Corporation of America. Stop motion for textile machines. 2,570,381, Oct. 9.
Rouis, Joseph J. and R. J., Greeneville, assignors to E. T. Rippetoe, Mohawk, Tenn. Electric house-heating apparatus. 2,553,212, May 15.
Rouis, Robert J.: *See*—
Rouis, Joseph J. and R. J.
Roullard, Edward L., assignor to Goodall-Sanford, Inc., Sanford, Maine. Automatic double shuttle loom. 2,562,509, July 31.
Rounce, Ernest G.: *See*—
Lewis, Thomas M., Rounce, and Hills.
Round, Albert W.: *See*—
Mayhew, Elton C., and Round.
Rounds, Gale A., assignor of one-half to I. E. Landstrom, Rapid City, S. Dak. Clasp for bracelets. 2,549,016, Apr. 17.
Rounds, Louis D., and N. A. White, Toledo, Ohio. Vegetable gatherer. 2,575,235, Nov. 13.
Rountree, John H.: *See*—
Bucknam, James H., and Rountree.
Rountree, Roy S., and M. D. Moeller, Miami, Fla. Sun visor for motor vehicles. 2,548,068, Apr. 10.
Rourk, Joseph D., Hohokus, N. J., assignor to United States Rubber Company, New York, N. Y. Oxidized ammoniacal solution of methylene resorcinol and making it. 2,540,633, Feb. 6.
Rouse, Ardie A., Orange, Tex. Shotgun projectile. 2,573,362, Oct. 30.
Rouse, Calvin, Jamaica, N. Y. Animated bird toy. 2,560,481, July 10.
Rouse, John H., Los Angeles, Calif., assignor to The Brush Development Company, Cleveland, Ohio. Guide disk for magnetic recording and reproducing devices. 2,554,347, May 22.
Rouse, William C., Birkdale, and W. E. Morley, Gillingham, England. Launching and lowering gear. 2,550,087, Apr. 24.
Roush, Milton S.: *See*—
Bartlett, Kenneth M., and Roush.
Colwell, Archie T., and Roush.
Rousseau, Leo J., Grosse Pointe, assignor, by mesne assignments, to Minit-Man, Inc., Detroit, Mich. Motor vehicle cleaning apparatus having rotary brushes mounted on pivoted carriers. 2,579,866, Dec. 25.
Roussos, Mary, Forest Hills, N. Y. Garment accessory. 2,568,826, Sept. 25.
Routson, William M., Baltimore, Md. Combined window screen, sunshade, and air deflector. 2,537,861, Jan. 9.
Routt, Orville L., Los Angeles, assignor to Magnetic Springs Water Company, West Hollywood, Calif. Olla. 2,538,213, Jan. 16.
Rouy, Auguste L. M. A., New York, N. Y. Photocell aging. 2,550,381, Apr. 24.
Rouy, Auguste L. M. A., New York, N. Y. Filter for colorimeters. 2,550,382, Apr. 24.
Rouzet, Lucien, assignor to "L'Impregnation," Clichy, France. Plastics obtained from amylaceous materials and preparing such plastics. 2,555,058, May 29.
Rovas, Tobias, assignor of forty per cent to Ohio Knitting Mills, Inc., Cleveland, Ohio. Method and apparatus for warping a beam. 2,578,017, Dec. 11.
Rovas, Tobias, assignor of forty per cent to Ohio Knitting Mills, Inc., Cleveland, Ohio. Warp beam collar. 2,578,018, Dec. 11.
Rover Company Limited, The, assignee: *See*—
Bell, Francis R.
Rowan, C. L., assignee: *See*—
Wilson, Leonard.
Rowan, John V., University City, assignor to Lee-Rowan Company, St. Louis, Mo. Locking device. 2,557,892, June 19.
Rowan, Wyval M.: *See*—
Stephenson, Hugh M., and Rowan.
Rowand, Will H., Madison, assignor to The Babcock & Wilcox Company, Rockleigh, N. J. Superheater boiler. 2,563,489, Aug. 7.
Rowden, John A., Ojai, Calif. Gardener's stool. 2,541,483, Feb. 13.
Rowdon, Horace S., St. Vital, Manitoba, Canada. Fishing reel holder. 2,580,130, Dec. 25.
Rowe, Elbert E., Clearwater, assignor to W. H. Armston Company, Inc., Dunedin, Fla. Grubbing machine. 2,546,786, Mar. 27.
Rowe, George E., Wethersfield, Conn., assignor to Emhart Manufacturing Company. Gripping and transferring device for bottles and the like. 2,561,536, July 24.
Rowe, H., & Co., Proprietary Limited, assignee: *See*—
Craig, Harold G.
Rowe, Harold E., assignor to The M. W. Kellogg Company, New York, N. Y. Air jacketed combustion chamber flame tube. 2,577,918, Dec. 11.
Rowe, Harry C., assignor to Nutone, Incorporated, Chicago, Ill. Signal switch. 2,542,947, Feb. 20.
Rowe, Joseph: *See*—
Kramer, Irving, and Rowe.
Rowe, Lancelot W., and S. S. Cole, Metuchen, N. J., assignors to National Lead Company, New York, N. Y. Chlorinating titanium oxide material. 2,555,374, June 5.
Rowe, Lawrence A., Oak Park, assignor to MacLean-Fogg Lock Nut Company, Chicago, Ill. Lock nut. 2,570,863, Oct. 9.
Rowe Manufacturing Co., Inc., assignee: *See*—
Gabrielsen, Christian.
Gabrielsen, Christian, and Vorperian.
Rowe, Mark R., Teaneck, and G. T. Ladd, Packanack Lake, N. J., assignors to Wright Aeronautical Corporation. Manifold pressure control having variable speed supercharger responsive to throttle movement. 2,562,742, July 31.
Rowe, Martin L.: *See*—
Vining, Willard F., and Rowe.
Rowe, Oliver R., C. S. W. King, and W. J. Stolp, Charlotte, N. C., assignors to R. H. Bouligny, Inc. Can-seaming mechanism 2,564,724, Aug. 21.
Rowe, Percy J., Martinez, Calif., assignor to The Mountain Copper Company, Ltd. Manufacture of copper compounds. 2,536,096, Jan. 2.
Rowe, Percy J., Martinez, Calif., assignor to The Mountain Copper Company, Ltd. Continuous process for manufacture of basic copper ammonium sulfate. 2,536,097, Jan. 2.
Rowe, Raymond N., assignor to The Trumbull Electric Manufacturing Company, Plainville, Conn. Electric circuit breaker. 2,551,397, May 1.
Rowe, Raymond N., Plainville, Conn., assignor, by mesne assignments, to General Electric Company. Multiple unit switch with single actuator. 2,574,290, Nov. 6.
Rowe, Raymond N., and E. A. Ericson, assignors to The Trumbull Electric Manufacturing Company, Plainville, Conn. Electric circuit breaker. 2,540,491, Feb. 6.
Rowe, Richard: *See*—
Rosenbusch, Richard.
Rowe, Robert F., Fort Wayne, Ind., assignor to General Electric Company. Clamp improvement. 2,574,417, Nov. 6.
Rowe, Stewart, Cincinnati, Ohio, assignor, by mesne assignments, to Buckeye Cotton Oil Company, Memphis, Tenn. Recovery of vegetable protein. 2,549,526, Apr. 17.
Rowe, Walter, New York, N. Y., and C. M. Adler, Beverly Hills, Calif., assignors to Cinex, Inc., New York, N. Y. Photographic apparatus. 2,573,278, Oct. 30.
Rowe, William H., assignee: *See*—
Dixon, Fate.
Rowe, William J., Chicago, Ill. Apparatus for mingling solids and fluids to treat one with the other. 2,568,661, Sept. 18.
Rowe, William W., Cincinnati, assignor to Cincinnati Industries, Inc., Lockland, Ohio. Diagonal creping method and apparatus. 2,567,967, Sept. 18.
Rowe, William W., assignor to Cincinnati Industries, Inc., Cincinnati, Ohio. Expansible cloth and making it. 2,573,773, Nov. 6.

Rowell, George S., Bedford, assignor to The Chandler & Price Company, Cleveland, Ohio. Coating a lithographic plate, Method and apparatus for. 2,580,131, Dec. 25.
Rowell, George S., Bedford, and H. McGeorge, Cleveland Heights, assignors to The Chandler & Price Company, Cleveland, Ohio. Attaching printing members to cylinders of printing presses. 2,579,517, Dec. 25.
Rowell, Howard P.: *See*—
Uline, William A., and Rowell.
Rowell, Ralph M., Lynn, Mass., assignor to General Electric Company. Expanded scale direct-current measuring instrument with polarized core. 2,547,665, Apr. 3.
Rowen, Harold E., Stanhope, assignor to Sintering Machinery Corporation, Netcong, N. J. Wind box seal for sintering machines. 2,563,135, Aug. 7.
Rowland, Charles H., assignor of one-half to M. J. Goode, Port Perry, Ontario, Canada. Garden tractor. 2,572,202, Oct. 23.
Rowland, Charles S., Larchmont, assignor to Interchemical Corporation, New York, N. Y. Synthetic resin from furfuryl alcohol with boron trifluoride catalyst. 2,553,677, May 22.
Rowland, Clarence G., Newington, assignor to The Fuller Brush Company, Hartford, Conn. Brush structure with bristles held in channel strip. 2,542,709, Feb. 20.
Rowland, Clarence G., Newington, assignor to The Fuller Brush Company, Hartford, Conn. Apparatus for cutting brush strips. 2,554,123, May 22.
Rowland, Clarence G., Newington, assignor to The Fuller Brush Company, Hartford, Conn. Brush with flat wire elements. 2,565,047, Aug. 21.
Rowland, Howard J., Wellesley, assignor to The Workshop Associates, Incorporated, Needham Heights, Mass. Short-wave antenna. 2,538,915, Jan. 23.
Rowland, Jasper M., Larchmont, N. Y. Matched bed. 2,563,752, Aug. 7.
Rowland, Stanley P., assignor to Rohm & Haas Company, Philadelphia, Pa. Polymeric imido-esters prepared from maleic hetheropolymers and azolines. 2,543,601, Feb. 27.
Rowland, Stanley P., assignor to Rohm & Haas Company, Philadelphia, Pa. Polymeric imido-esters prepared from maleic hetheropolymers and bis-azolines. 2,543,602, Feb. 27.
Rowland, Stanley P., assignor to Rohm & Haas Company, Philadelphia, Pa. Imido-esters of diels-alder adducts and producing same. 2,547,493, Apr. 3.
Rowland, Stanley P., assignor to Rohm & Haas Company, Philadelphia, Pa. Production of succinimido-esters. 2,547,494, Apr. 3.
Rowland, Stanley P., assignor to Rohm & Haas Company, Philadelphia, Pa. Production of bis-phthalimido-esters. 2,547,495, Apr. 3.
Rowland, Stanley P., assignor to Rohm & Haas Company, Philadelphia, Pa. Bis-succinimido-esters. 2,547,496. Apr. 3.
Rowland, Stanley P., assignor to Rohm & Haas Company, Philadelphia, Pa. Reaction products of bis-azolines and diels-alder adducts. 2,547,497, Apr. 3.
Rowland, Stanley P., assignor to Rohm & Haas Company, Philadelphia, Pa. Polymeric imido-esters prepared from maleic adducts of fatty acid esters and bis-azolines. 2,547,498, Apr. 3.
Rowland, Stanley P., assignor to Rohm & Haas Company, Philadelphia, Pa. Aromatic imido-esters production. 2,547,542, Apr. 3.
Rowland, Stanley P., assignor to Rohm & Haas Company, Philadelphia, Pa. Polymeric imido-esters prepared from maleic anhydride heteropolymers and 2(11-hydroxy-8-heptadecenyl) oxazolines. 2,554,959, May 29.
Rowland, Stanley P., assignor to Rohm & Haas Company, Philadelphia, Pa. Bis-oxazolines. 2,569,428, Sept. 25.
Rowland, Stanley P., assignor to Rohm & Haas Company, Philadelphia, Pa. Preparation of imidoesters from azolines and maleic adducts of fatty acid esters. 2,580,047, Dec. 25.
Rowlands, Tom, Hale, assignor to Linotype and Machinery Limited, London, England. Mechanism for registering sheets being fed to printing machines and the like. 2,553,148, May 15.
Rowlett, Allen H., Washington, D. C. Hand-operated washing machine. 2,547,543, Apr. 3.
Rowley, Arthur C., Drexel Hill, assignor to Globe Automatic Sprinkler Company, Philadelphia, Pa. Automatic spray sprinkler. 2,553,726, May 22.
Rowley, William B.: *See*—
Boehm, George L., and Rowley.
Rowlson, Robert P., Detroit, Mich. Mixing machine. 2,570,864, Oct. 9.
Rownd, Wilbur E., Canton, Ohio. Paving block. 2,545,046, Mar. 13.
Rowntree, Norman A. F.: *See*—
Boucher, Percival L., and Rowntree.
Roxburgh, Gerald S., Winnipeg, Manitoba, Canada. Toy balloon with internal illumination. 2,542,361, Feb. 20.
Roxy Lawnshear Corporation, assignee: *See*—
Hannes, Wilbert H.
Roy, Albert E., Los Angeles, Calif. Fluid compressor valve. 2,565,094, Aug. 21.
Roy, Charles S., Mineola, N. Y. Fishhook. 2,563,554, Aug. 7.
Roy, Kurt H., assignee: *See*—
Larson, Glen M.
Roy, James: *See*—
Bailey, Wilfred, and Roy.
Roy, James A. S., Herndon, Va., and D. E. Schwartz, Washington, D. C. Support. 2,538,043, Jan. 16.
Roy, James W.: *See*—
Frisch, Wayne R., and Roy.
Roy, Maurice, assignor to Societe Nationale d'Etude et de Construction de Moteurs d'Aviation, Paris, France. Association on flying machine of compressor-jet units with ram-jet units. 2,577,919, Dec. 11.
Roy, Richard F.: *See*—
Orozco, Gilbert H., and Roy.
Roy, Waldron H., Oxford, assignor to W. M. Goss, Jr., Waterbury, Conn. Safety guard for power presses. 2,568,367, Sept. 18.
Royal Electric Company, Inc., assignee: *See*—
Baenziger, Leonard N.
Royal Electric Manufacturing Company, assignee: *See*—
Warren, Pickett L., and Schultz.
Royal, James M.: *See*—
Childress, William C., and Royal.
Royal Manufacturing Company, Inc., assignee: *See*—
Senderowitz, Morris H.
Royal Typewriter Company, Inc., assignee: *See*—
Garbell, Max.
Hart, Henry J.
Hart, Henry J., and Kupper.
Kloski, John F.
Kloski, John F., and Kupper.
Kupper, William H.
Royal Bond, Inc., assignee: *See*—
Grossi, Frank X.
Landau, Argo E.
Landau, Argo E., and Grossi.
Royal Mounters, Inc., assignee: *See*—
Viglietta, Michael J.
Royal Swan, Inc., assignee: *See*—
Corl, James G.
Goldsmith, Bertram J., and Hindle.
Royal Tot Manufacturing Company, The, assignee: *See*—
Buxbaum, Mac, and Lebensfeld.
Royer, George L., North Plainfield, and C. A. Amick, Bound Brook, N. J., assignors to American Cyanamid Company, New York, N. Y. Composition for shrinkproofing and mothproofing woolen textiles. 2,555,277, May 29.
Royer, Leroy, Louisville, assignor, by mesne assignments, to D. F. Arbuckle, Canton, Ohio. Combination lathe dog and vise. 2,543,990, Mar. 6.
Royer, Marcel, Montreal, Quebec, Canada, assignor, by mesne assignments, to Hunter Douglas Corporation, Riverside, Calif. Ejector for slat cutting machines. 2,569,197, Sept. 25.
Royster, Percy H., Bethesda, Md. Coal coking by cyclically circulated hot inert gases. 2,536,098, Jan. 2.
Royster, Percy H., Raleigh, N. C. Producing carbon black. 2,557,143, June 19.
Royston, Worley G., Logan, W. Va. Coil forming press. 2,560,189, July 10.
Rozanski, Leo, St. Louis, Mo. Spring tensioned holding device. 2,569,021, Sept. 25.
Rozas, Luis A. V., Cuzco, Peru. Self-controlled torpedo. 2,551,295, May 1.
Rozett, Benjamin, Chicago, Ill., assignor to Joseph Weidenhoff, Incorporated. Multipole magneto rotor charging block. 2,536,227, Jan. 2.
Rozett, Benjamin, Chicago, Ill., assignor to Joseph Weidenhoff, Inc. Engine accessory testing method and apparatus. 2,570,488, Oct. 9.
Rozmus, Walter J., Utica, N. Y. Wrench attaching and retaining clip. 2,567,352, Sept. 11.
Rozner, Joseph J., assignor to Aetna Ball & Roller Bearing Co., Chicago, Ill. Retainer and spacer for roller bearings. 2,575,072, Nov. 13.
Rozwens, Joseph M., assignor to A. Brandwein & Company, Chicago, Ill. Sofa bed. 2,578,453, Dec. 11.
Ruatti, Joseph B., Los Angeles, Calif. Carriage release for lathes. 2,551,968, May 8.
Ruau, Felix F.: *See*—
Molins, Desmond W., Ruau, and Francis.
Ruau, Félix F., assignor to Molins Machine Company Limited, London, England. Apparatus for grinding rotating eccentric knives. 2,541,615, Feb. 13.
Ruau, Felix F., Deptford, London, assignor to Molins Machine Company Limited, London, England. Collecting mechanism comprising a rotating leveling roller for moving trays of cigarettes. 2,548,620, Apr. 10.
Ruau, Félix F., assignor to Molins Machine Company Limited, London, England. Device for applying adhesive to a traveling surface. 2,579,967, Dec. 25.
Rubano, Carmell A., Hamden, Conn., assignor to General Electric Company. Hydraulic motor actuated mechanism for spinner type washing machines and the like. 2,574,418, Nov. 6.
Rubatex Products, Inc., assignee: *See*—
Pfleumer, Hans.
Rubber Linatex Limited, assignee: *See*—
McIntyre, Frank.
Rubberset Company, assignee: *See*—
Hervey, Laurence R. B.
Rubber-Stitching, assignee: *See*—
Van Amerongen, Gerrit J.
Van Veersen, Gerardus J.

Ruben, August, Brooklyn, N. Y., assignor to Continental Silver Co. Inc. Dish holder. 2,578,646, Dec. 11.
Ruben, Fred S.: *See*—
Grunwald, Edward, and Ruben.
Ruben, Julius, assignee, trustee: *See*—
Huber, Elmer J.
Ruben, Samuel, New Rochelle, N. Y. Primary cell with permanganate depolarizer. Re. 23,427, Oct. 30.
Ruben, Samuel, New Rochelle, N. Y. Primary cell. 2,536,696, Jan. 2.
Ruben, Samuel, New Rochelle, N. Y. Primary cell and battery. 2,536,697, Jan. 2.
Ruben, Samuel, New Rochelle, N. Y. Battery cell and unit. 2,536,698, Jan. 2.
Ruben, Samuel, New Rochelle, N. Y. Alkaline dry cell. 2,536,699, Jan. 2.
Ruben, Samuel, New Rochelle, N. Y. Alkaline dry cell. 2,542,574, Feb. 20.
Ruben, Samuel, New Rochelle, N. Y. Alkaline dry cell. 2,542,575, Feb. 20.
Ruben, Samuel, New Rochelle, N. Y. Alkaline cylindrical dry cell. 2,542,576, Feb. 20.
Ruben, Samuel, New Rochelle, N. Y. Alkaline dry cell. 2,542,710, Feb. 20.
Ruben, Samuel, New Rochelle, N. Y. Rechargeable cell. 2,554,504, May 29.
Ruben, Samuel, New Rochelle, N. Y. Primary cell. 2,562,215, July 31.
Ruben, Samuel, New Rochelle, N. Y. Electric current producing cell. 2,571,616, Oct. 16.
Ruben, Samuel, New Rochelle, N. Y. Electrolyte for alkaline dry cells. 2,576,266, Nov. 27.
Ruben, Zorro D., Tucson, Ariz. Axial type fluid power unit. 2,549,711, Apr. 17.
Rubens, Louis C.: *See*—
Boyer, Raymond F., and Rubens.
Rubenstein Bros. Company, assignee: *See*—
Becker, David.
Rubenstein, Harry J., Kansas City, Mo. Display rack pocket. 2,560,896, July 17.
Rubenstein, Herschel B., St. Paul, and D. Braverman, Minneapolis, Minn., assignors to The Glidden Company, Cleveland, Ohio. Valve operating mechanism for spray cans. 2,558,272, June 26.
Rubenstein, Jacob H., Syracuse, N. Y. Package vending machine. 2,575,129, Nov. 13.
Ruberoid Co., The, assignee: *See*—
Abraham, Herbert.
Rubin, Herman, Los Angeles, Calif. Cigarette lighter. 2,553,678, May 22.
Rubin, Louis C.: *See*—
McGrath, Henry G., Passino, and Rubin.
McGrath, Henry G., and Rubin.
Rubin, Louis C., West Caldwell, assignor to The M. W. Kellogg Company, Jersey City, N. J. Extraction of oleiferous materials. 2,564,409, Aug. 14.
Rubin, Louis C., West Caldwell, assignor to The M. W. Kellogg Company, Jersey City, N. J. Sulfating olefins. 2,573,730, Nov. 6.
Rubin, Louis C., West Caldwell, assignor to The M. W. Kellogg Company, Jersey City, N. J. Synthesis of organic compounds. 2,576,858, Nov. 27.
Rubin, Milton D., Dorchester, assignor to Raytheon Manufacturing Company, Newton, Mass. Electrical circuits. 2,547,890, Apr. 3.
Rubin, Sol R., Los Angeles, Calif. Roof vent. 2,563,753, Aug. 7.
Rubisch, Albert J., Withee, Wis. Filter pad dispenser. 2,568,413, Sept. 18.
Rubissow, George A., New York, N. Y. Gyrocasting machine. 2,543,303, Feb. 27.
Rublee, Norman C., Fitchburg, Mass. Insulated nail. 2,564,176, Aug. 14.
Rubman, Charles M., Forest Hills, N. Y. Adjustable window curtain. 2,555,155, May 29.
Rubner, Norbert A., Milwaukee, Wis. Flush tank drip catch. 2,575,130, Nov. 13.
Ruby, Forest R., Detroit, assignor of one-half to L. B. Stevens, Highland Park, Mich. Chair for invalids or the like. 2,539,034, Jan. 23.
Ruby, Philip L.: *See*—
Sivitz, Aaron, and Ruby.
Ruby-Philite Corp., assignee: *See*—
Bernstein, Robert G.
Ruch, Arthur, Chicago, Ill. Friction clutch mechanism. 2,567,125, Sept. 4.
Ruch, Raymond D., Burbank, Calif. Device for dispensing material from collapsible paste tubes. 2,545,751, Mar. 20.
Ruckdeschel, Carl F.: *See*—
Marble, Clarence, and Ruckdeschel.
Ruckstahl, Robert E., Turtle Creek, and H. M. Watson, Pittsburgh, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Mechanical linkage with liquid sealing means. 2,558,103, June 26.
Ruckstuhl, Hans, O. Senn, and W. Wehrli, assignors to Sandoz A. G., Basel, Switzerland. Metallizable monoazo dyestuffs. 2,572,394, Oct. 23.
Rud. Furrer Sohne A. G., assignee: *See*—
Fürrer, Heinrich.

Ruda, Gustaf W., assignor to Aktiebolaget Separator, Stockholm, Sweden. Butyrometer centrifuge. 2,560,988, July 17.
Rudat, George, and C. B. Lee, assignors to John Oster Manufacturing Company, Racine, Wis. Brush knob. 2,536,958, Jan. 2.
Rudd, Harry B., Flushing, N. Y., assignor to Eaton Manufacturing Company, Cleveland, Ohio. Self-locking bolt. 2,555,661, June 5.
Rudd, Wallace C.: *See*—
Stanton, Robert J., and Rudd.
Rudd, William W., Chicago, Ill. Mute structure for musical instruments. 2,574,591, Nov. 13.
Ruddick, Herchall H., Cincinnati, Ohio. Metatarsal pad. 2,573,363, Oct. 30.
Ruddy, Arlo W., Albany, assignor to Sterling Drug Inc., New York, N. Y. Quaternary ammonium salts of tertiary-aminoalkyl substituted phenylacetonitriles. 2,566,535, Sept. 4.
Rudeforth, Stanley, North Wembley, England, assignor to Automatic Electric Laboratories Inc., Chicago, Ill. Selector switch having slow-acting relay in magnet circuit. 2,575,842, Nov. 20.
Rudel, Harry W., Roselle Park, N. J., assignor to Standard Oil Development Company. Sulfur-halogen compound. 2,560,371, July 10.
Rudel, Harry W., Roselle Park, and J. I. Wasson, Union, N. J., assignors to Standard Oil Development Company. Dialkylalkenylsuccinates. 2,561,232, July 17.
Rudel, Harry W., Roselle Park, and A. D. Kirshenbaum, Union, N. J., assignors to Standard Oil Development Company. Foam suppressed lubricant compositions. 2,570,719, Oct. 9.
Ruden, Arthur C., deceased, Euclid; by I. McKinney, administratrix, Cleveland Heights, assignor to The Mid-West Forge Company, Cleveland, Ohio. Apparatus for die rolling. 2,574,121, Nov. 6.
Rudenauer, Arthur B., Cleveland, Ohio. Phonograph record cutting mechanism. 2,549,390, Apr. 17.
Ruderman, Irving W., Trenton, N. J., assignor to St. Regis Paper Company, New York, N. Y. Glass mat laminates. 2,561,449, July 24.
Rudkin, Eric P., London, England, assignor to International Standard Electric Corporation, New York, N. Y. Volume expansion system for audio and like amplifiers. 2,576,145, Nov. 27.
Rudoff, Hyman, assignor to Shawinigan Resins Corporation, Springfield, Mass. Preparation of polyvinyl ethers. 2,537,706, Jan. 9.
Rudoff, Hyman, assignor to Shawinigan Resins Corporation, Springfield, Mass. Preparation of mixed polyvinyl esters. 2,574,984, Nov. 13.
Rudolph, Harold V.: *See*—
Allison, Leslie R., and Rudolph.
Rudolph, Henry B., Denver, Colo. Sheave assembly. 2,554,348, May 22.
Rudolph, Jacob P., North Arlington, N. J., assignor to Air Reduction Company, Incorporated. Gas torch. 2,538,916, Jan. 23.
Rudolph, William E., Collingswood, N. J., assignor, by mesne assignments, to Philco Corporation, Philadelphia, Pa. Phonograph apparatus. 2,558,060, June 26.
Rudy Furnace Company, The, assignee: *See*—
Kilgore, Vaughn L.
Ruebensaal, Clayton F., Baltimore, Md., assignor, by mesne assignments, to United States Rubber Company, New York, N. Y. Adhesive for bonding plasticized polyvinyl halide-containing resin surfaces and bonding such surfaces. 2,569,954, Oct. 2.
Ruebensaal, Clayton F., Baltimore, and E. H. Sorg, Hydes, Md., assignors, by mesne assignments, to United States Rubber Company, New York, N. Y. Dipped vinyl resin article, composition, and method. 2,560,482, July 10.
Ruedrich, Paul M., Berkeley, Calif., assignor to Griffin Chemical Company. Manufacture of condensation products. 2,556,108, June 5.
Rueg, Georges L., assignor to Société Futs Metalliques Gallay, Paris, France. Telescopic valve device. 2,574,291, Nov. 6.
Ruegg, Rudolf: *See*—
Widmer, Willi, and Ruegg.
Rueggeberg, Walter H. C., R. K. Frantz, and A. Ginsburg, U. S. Army. Aromatic acid synthesis. 2,552,591, May 15.
Rueggeberg, Walter H. C., and W. E. Catlin, U. S. Army, and W. A. Cook, Akron, Ohio, assignors to the United States of America as represented by the Secretary of War. Making 2,2-bis aryl trihaloethanes. 2,554,269, May 22.
Ruehle, Elmer C., Alhambra, Calif. Belt sander attachment for power tools. 2,538,044, Jan. 16.
Ruehling, Frederick W., Philadelphia, and H. E. Hachnel, West Reading, assignors to Textile Machine Works, Wyomissing, Pa. Take-up reel for knitting machines and operation. 2,580,186, Dec. 25.
Ruekberg, Herbert S., Highland Park, Ill. Machine for making containers from plastic tubing. 2,579,399, Dec. 18.
Ruemelin, Richard, Milwaukee, Wis. Heat exchanger. 2,576,309, Nov. 27.

Ruemelin, Richard, Milwaukee, Wis. Filter bag attaching means for dust arresting apparatus. 2,576,310, Nov. 27.
Ruemmler, Waldemar P., Calumet City, Ill., assignor, by mesne assignments, to Battelle Development Corporation, Columbus, Ohio. Plating bright silver alloy. 2,555,375, June 5.
Ruetting, William, Detroit, Mich. Leg brace knee joint. 2,570,382, Oct. 9.
Ruf, Adolf H., Ogden, Utah. Sun shield. 2,561,711, July 24.
Ruf-Buchhaltung Aktiengesellschaft, assignee: *See*— Hegnauer, Paul.
Ruf, Herman P., New York, N. Y. Skeining machine. 2,545,212, Mar. 13.
Ruff, Alfred L., assignee: *See*— Voight, George F.
Ruff, Alonzo W., New York, N. Y. Boiler construction. 2,549,640, Apr. 17.
Ruff, Alonzo W., assignor to V. C. Patterson & Associates, Inc., York, Pa. Lowering ice-buckled cold room floors. 2,561,676, July 24.
Ruff, Alonzo W., York, Pa., assignor to Harvey-Whipple Incorporated, Springfield, Mass. Forced air flow air-heating furnace. 2,573,651, Oct. 30.
Ruffle, William H., assignor to Speed Development Company Limited, Hove, England. Fluid pressure operated switch. 2,571,617, Oct. 16.
Ruffle, William H., Brighton, assignor to Speed Development Company Limited, Sussex, England. Temperature change responsive means for controlling electric circuits. 2,574,419, Nov. 6.
Rufolo, Anthony, New York, N. Y. Circuit breaker. 2,544,727, Mar. 13.
Rufty, Raymond W., administrator: *See*— Kluttz, Samuel C.
Ruge, Arthur C., Cambridge, Mass., assignor to Baldwin-Lima-Hamilton Corporation. Measuring circuit for condition responsive impedances. 2,561,317, July 17.
Ruge, Arthur C., Cambridge, Mass., assignor to Baldwin-Lima-Hamilton Corporation. Ring type force measuring dynamometer. 2,561,318, July 17.
Ruge, Arthur C., Cambridge, Mass., assignor to Baldwin-Lima-Hamilton Corporation. Spring tester. 2,568,596, Sept. 18.
Ruge, Arthur C., Cambridge, Mass., assignor to Baldwin-Lima-Hamilton Corporation. Column type force measuring dynamometer. 2,576,417, Nov. 27.
Ruge, William A., Everly, Iowa. Valise requiring only partial fold in suspended garment. 2,561,888, July 24.
Ruger Equipment, Inc., assignee: *See*— Schlein, Seymour.
Rugg, E. T., Company, The, assignee: *See*— Grobowski, Benny T.
Ruggiero, Alfred J., assignor to E. D. Bullard Company, San Francisco, Calif. Safety headgear suspension. 2,536,467, Jan. 2.
Ruggiero, Constant, Lawrence, Mass., now by change of name Custer Rogers. Preparing pork hocks. 2,553,113, May 15.
Ruggles, David M., Mount Tabor, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Piezoelectric crystal apparatus. 2,546,321, Mar. 27.
Ruggles, David M., Mount Tabor, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Producing quartz crystals. 2,572,667, Oct. 23.
Ruggles, David M., Mount Tabor, and A. W. Warner, Jr., Fanwood, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Masking device for crystals. 2,571,167, Oct. 16.
Ruggles, Ferris A.: *See*— Jones, Andy, Kessels, and Ruggles.
Rugh, Flora M., assignee: *See*— Rugh, John M.
Rugh, John M., Providence R. I., deceased; M. Rugh, administratrix, assignor to M. and F. M. Rugh, Providence, R. I. Apparatus for dyeing or otherwise treating fibrous materials. 2,548,740, Apr. 10.
Rugh, Mary, administratrix, assignee: *See*— Rugh, John M.
Ruhland, Sidney, New York, N. Y. Pendulum inclinometer. 2,567,653, Sept. 11.
Ruhle, William L., assignee: *See*— Hancock, Chester D.
Ruigh, William L.: *See*— Gould, David H., and Ruigh.
Ruigh, William L., Summit, N. J., and D. H. Gould, Hickory Hill, N. Y., assignors to Nopco Chemical Company, Harrison, N. J. Producing 7-dehydrosterols. 2,546,787, Mar. 27.
Ruiz, Joseph J., assignor to Basic Refractories, Inc., Cleveland, Ohio. Furnace equipment. 2,540,598, Feb. 6.
Rule, John R., assignee: *See*— Enslow, John P., and Wagner.
Rule, Joseph M., Cleveland, Ohio, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Producing stable silica. 2,577,484, Dec. 4.
Rule, Joseph M., Cleveland, Ohio, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Making stable silica sols and resulting composition. 2,577,485, Dec. 4.
Rulon, Charles E., Houston, Tex. Pump rod crosshead assembly. 2,557,472, June 19.
Rulon-Miller, Robert, assignor to Dixon Lubricating Saddle Company, Bristol, R. I. Saddle for spinning frames. 2,573,222, Oct. 30.
Rumble, Roy W., Pretoria, Transvaal, Union of South Africa. Molding building slabs in position. 2,543,939, Mar. 6.
Rummel, Ivan A., and J. D. Welch, Oakland, Calif., assignors to Henningsen Produce Company, Federal Inc. U. S. A. Apparatus and method for forming frozen confections. 2,563,278, Aug. 7.
Rummelsburg, Alfred L., assignor to Hercules Powder Company, Wilmington, Del. Increasing the melting point of polymerized rosin. 2,547,230, Apr. 3.
Rummelsburg, Alfred L., assignor to Hercules Powder Company, Wilmington, Del. Reaction products of petroleum hydrocarbon-insoluble pine-wood resin and ethylene oxide. 2,555,901, June 5.
Rumpf, Martin H., Uccle-Brussels, assignor to "Le Progrès Industriel, Société Anonyme," Loth, Belgium. Apparatus for screw cutting and feeds for machine tools. 2,570,720, Oct. 9.
Rumpf, Rupert L., Jr.: *See*— Rambo, Sheldon L., and Rumpf, Jr.
Rumscheidt, Gottfried E.: *See*— Goppel, Johan M., Rumscheidt, and Hackmann.
Rumscheidt, Gottfried E., Amsterdam, Netherlands, assignor to Shell Development Company, San Francisco, Calif. Decalin-hydroperoxide catalyzed reaction between sulfur-dioxide and rubbery polymers of diolefin. 2,558,498, June 26.
Rumscheidt, Gottfried E., and J. T. Hackmann, Amsterdam, Netherlands, assignors to Shell Development Company, San Francisco, Calif. Producing rubbery polymer-acid reaction products. 2,558,527, June 26.
Rumsey, Herbert, Jr., Rochester, N. Y. Package encased in plastic sheet material and making the same. 2,545,243, Mar. 13.
Rumsey, Herbert, Jr., Rochester, N. Y. Package. 2,554,841, May 29.
Rumsey, Herbert, Jr., Rochester, N. Y. Heat sealing apparatus. 2,564,611, Aug. 14.
Rumsey, Victor H., and P. G. Salmon, Washington, D. C., assignors to Minister of Supply in His Majesty's Government of the United Kingdom of Great Britain and Northern Ireland, London, England. Coaxial transmission line filter system. 2,557,567, June 19.
Runaldue, Lewis R.: *See*— Hogue, Alfred L., Raney, Young, and Runaldue.
Rundblad, George J., Elmwood Park, assignor to Ditto, Incorporated, Chicago, Ill. Liquid process duplicating machine. 2,573,810, Nov. 6.
Rundel, Clarabelle E., Southfield Township, Oakland County, Mich. Latch operating mechanism. 2,536,772, Jan. 2.
Rundell, Fred T., Morgantown, W. Va. Two-film camera having pivoted body sections. 2,540,351, Feb. 6.
Rundell, Harwood F., assignor to Aeroquip Corporation, Jackson, Mich. Electrical resistance pressure responsive gauge. 2,544,567, Mar. 6.
Rundell, James E.: *See*— Spielman, Marvin A., and Rundell.
Rundell, Rupert E., Rockville Centre, N. Y., assignor to International Cigar Machinery Company. Bunch charge forming mechanism. 2,571,618, Oct. 16.
Rundell, Rupert E., Rockville Centre, N. Y., assignor to American Machine and Foundry Company. Pin handling mechanism for bowling pin setting machines. 2,574,936, Nov. 13.
Rundlett, James C.: *See*— Dean, Walter N., and Rundlett.
Rundquist, Carl J., assignor to The Petersen Oven Company, Chicago, Ill. Loading and unloading mechanism for baking oven conveyers. 2,541,386, Feb. 13.
Rundquist, Roy O., Chicago, assignor to Pelouze Manufacturing Co., Evanston, Ill. Hem gauge. 2,562,335, July 31.
Rundquist, Willard H., Rock Island, Ill., assignor to Rock Island Millwork Company. Window construction. 2,576,539, Nov. 27.
Runge, Frank E.: *See*— Balmer, Donald F., and Runge. Stone, Robert L., and Runge.
Runge, Frank E., Branford, Conn., assignor to Radio Corporation of America. Rotary valve. 2,539,636, Jan. 30.
Runge, Richard M., assignor to The Miller Company, Meriden, Conn. Individual fluorescent lighting fixture. 2,565,741, Aug. 28.
Runkle, George L., assignor to Superior Coach Corporation, Lima, Ohio. Releasable table operating means for hearses. 2,573,496, Oct. 30.
Runninger, Frederick L., Lakewood, Ohio, assignor to Iron Fireman Manufacturing Company, Portland, Oreg. Uniform feeder for granular material. 2,554,796, May 29.
Runsdorf, Herbert J. A., Brooklyn, N. Y. Jack kit. 2,567,680, Sept. 11.
Runson Pre-Heat-Cast Inc., assignee: *See*— Runyon, Walter J.
Runton, Leslie A., Dracut, Mass., assignor to J. P. Stevens & Co., Inc., New York, N. Y. Apparatus for homogenizing liquids. 2,553,213, May 15.
Runton, Leslie A., Dracut, Mass., assignor to J. P. Stevens & Co. Inc., New York, N. Y. Fabric cleansing and drying apparatus. 2,565,576, Aug. 28.

Runyan, Ivy V., Binghamton, assignor to General Aniline & Film Corporation, New York, N. Y. Alkyl ethers of polyhydroxyaralkylamines as accelerators. 2,541,889, Feb. 13.

Runyan, Raymond A., South Glastonbury, Conn., assignor to Askania Regulator Company, Chicago, Ill. Two-phase induction motor control. 2,561,319, July 17.

Runyon, Walter J., assignor to Runson Pre-Cast Inc., Jackson, Miss. Protective cover for caskets. 2,539,164, Jan. 23.

Rupert, Jack C., Syracuse, N. Y., assignor to General Electric Company. Machine for trimming and removing braid from shielded wire and cable. 2,573,497, Oct. 30.

Rupert, Richard, Kansas City, Mo. Luggage handle. 2,554,795, May 29.

Ruperti, Andreas: *See*—
Geiger, Max, Usteri, and Ruperti.

Rupp, Eldor G.: *See*—
Lilly, Edward F., and Rupp.

Rupp, Eldor G., Clarendon Hills, assignor to The Quaker Oats Company, Chicago, Ill. Oat food process. 2,552,291, May 8.

Rupp, John L., Williamsville, N. Y., assignor to National Battery Company, St. Paul, Minn. Storage battery. 2,571,988, Oct. 16.

Rupp, Maurice G., East Orange, N. J. Game counting device. 2,564,450, Aug. 14.

Rupp, Walter H.: *See*—
Russell, Robert P., and Rupp.

Rupp, Walter H., Mountainside, N. J., assignor to Standard Oil Development Company. Carbon dioxide purification process. 2,548,499, Apr. 10.

Rupp, Walter H., Mountainside, N. J., assignor to Standard Oil Development Company. Dry Ice manufacture. 2,570,074, Oct. 2.

Ruppe, Frank: *See*—
Schumacher, Fred, and Ruppe.

Ruppert, Max K., assignor, by mesne assignments, to Poor & Company, Chicago, Ill. Rail anchor securing means. 2,549,527, Apr. 17.

Rusca, Ralph A., New Orleans, La., assignor to the United States of America as represented by the Secretary of Agriculture. Apparatus for applying sizing and other coatings. 2,564,725, Aug. 21.

Rusca, Ralph A., and G. J. Kyame, New Orleans, La., assignors to the United States of America as represented by the Secretary of Agriculture. Method and apparatus for drying sized or otherwise impregnated textile material. 2,578,744, Dec. 18.

Ruscetta, Ralph A., Pittsfield, Mass., assignor to General Electric Company. Electrolytic capacitor. 2,566,908, Sept. 4.

Rüsch, Gustav O. K.: *See*—
Christiansen, Christian, and Rüsch.

Ruschig, Heinrich, Frankfurt-on-the-Main, assignor to Farbwerke Hoechst vormals Meister Lucius & Bruning, Frankfurt-on-the-Main-Hoechst, Germany. Preparing 21-iodo-pregnene-(5)-01-(3)-one-(20). 2,554,472, May 22.

Ruschig, Heinrich, Frankfurt-on-the-Main, assignor to Farbwerke Hoechst vormals Meister Lucius & Bruning, Frankfurt-on-the-Main-Hoechst, Germany. Preparing derivatives of 21-hydroxy-pregnene-(5)-01-(3)-one-(20). 2,554,473, May 22.

Ruschmann, Henry F., *See*—
Goetz, Henry G., and Ruschmann.

Ruscitti, Constantine, and J. M. Barnes, Cincinnati, Ohio. Saw sharpener. 2,574,499, Nov. 13.

Ruse, Albert S., assignee: *See*—
Warrick, Oliver C.

Ruse, Ruby C., assignee: *See*—
Warrick, Oliver C.

Rush, John W.: *See*—
Cook, Earle S., McClure, and Rush.

Rush, Kim E., Beaverton, Oreg. Compact providing facial illumination. 2,574,292, Nov. 6.

Rush, Leslie V., Meridian, Miss. Medullary pin. 2,579,968, Dec. 25.

Rush, Thomas L., Cleveland, Ohio. Can opener. 2,565,048, Aug. 21.

Rush, Weaver A., Beatrice, Nebr. Stand for posing subjects for X-ray pictures. 2,552,592, May 15.

Rushing, Fred L.: *See*—
Rendall, Warren C., and Rushing.

Rushing, Fred L., Tampa, Fla., and B. M. Williams, assignors to Gaylord Container Corporation, St. Louis, Mo. Container. 2,551,814, May 8.

Rushing, Fred L., Tampa, Fla., and B. M. Williams, assignors to Gaylord Container Corporation, St. Louis, Mo. Container having cover locking means. 2,559,320, July 3.

Rushing, Wallace E., Cristobal, Panama Canal Zone. Air-driven turbine power plant. 2,539,862, Jan. 30.

Rushing, Wallace E., Cristobal, Canal Zone. Wind turbine. 2,563,279, Aug. 7.

Rusk, Harold H., Rensselaer, Ind. Pipe puller. 2,571,619, Oct. 16.

Ruska, Walter, Houston, Tex. Bottom hole sampler. 2,577,210, Dec. 4.

Ruskin, Samuel, and R. Dermack, Brooklyn, N. Y. Emergency umbrella and the like. 2,552,461, May 8.

Ruskin, Simon L.: *See*—
Bakst, Aaron, and Ruskin.

Ruskin, Simon L., New York, N. Y. Urea ascorbate and complexes containing the same and their manufacture. 2,539,483, Jan. 30.

Ruskin, Simon L., New York, N. Y. Boron derivatives of penicillin. 2,564,505, Aug. 14.

Ruskowsky, August W., assignor of fifty-one per cent to J. Frank Harper, Jackson, Mich. Channelling appliance for shoe-sewing machines. 2,543,204, Feb. 27.

Rusnov, Peter, assignor to The Warner & Swasey Company, Cleveland, Ohio. Lay bar and shuttle guide. 2,538,630, Jan. 16.

Rusnov, Peter, assignor to The Cleveland Pneumatic Tool Company, Cleveland, Ohio. Finishing tubes. 2,539,863, Jan. 30.

Russ, Ira A., Ridgewood, N. J. Pipe joint. 2,568,414, Sept. 18.

Russ, John D., and L. J. Spruill, Norfolk, Va. Running board and step for trucks. 2,537,707, Jan. 9.

Russ, Raymond W., Forth Worth, Tex. Illuminated draftsman's guide. 2,563,191, Aug. 7.

Russell, Alan W., Wethersfield, Conn., assignor to Emhart Manufacturing Company. Cooling wind system for glassmaking equipment. 2,569,339, Sept. 25.

Russell, Alfred, deceased,, by C. R. Shook, administrator, Cincinnati, Ohio. Resinifying hydroxyl formyl acetophenones, acetoxy benzaldehydes, and methoxy derivatives thereof. 2,579,759, Dec. 25.

Russell, Alva G.: *See*—
Hanson, Walter J., and Russell.

Russell, Andrew C., Shawnee, Okla. Fuel mixer for internal-combustion engines. 2,536,700, Jan. 2.

Russell, Andrew C., Shawnee, Okla. Internal-combustion engine carburetor. 2,536,889, Jan. 2.

Russell, Arthur H., Fort Worth, Tex. Universal toggle means. 2,555,660, June 5.

Russell, Arthur P., Maple Heights, Ohio, assignor to General Electric Company. Mount reshaping apparatus. 2,575,771, Nov. 20.

Russell, Asa M., Los Angeles, Calif. Ventilated hat. 2,580,323, Dec. 25.

Russell, Blinn W., Jr., Dayton, H. Rosenberg, Springfield, and S. J. Brown, Dayton, Ohio. Sea rescue transmitter. 2,565,523, Aug. 28.

Russell, Burdsall & Ward Bolt & Nut Company, assignee: *See*—
Burdsall, Richard L.

Russell, Carl M., Washington, D. C., K. R. Symon and R. C. Padesky, U. S. Navy. Frequency divider. 2,562,952, Aug. 7.

Russell, Charles G., assignor of twenty-five per cent to W. A. Hawkins, Gallup, N. Mex. Table service signal device for restaurants. 2,563,693, Aug. 7.

Russell, Donald G.: *See*—
Lankford, Allan M., Russell, and Whitney.

Russell, Edward A., and T. J. Lehane, Chicago, Ill., assignors, by mesne assignments, to Vapor Heating Corporation. Combined heating and cooling system. 2,564,344, Aug. 14.

Russell, Edward W. C., Washington, D. C. Record bearing medium and preparation. 2,547,838, Apr. 3.

Russell, F. C., Company, The, assignee: *See*—
Bowers, Robert C.
Milnor, Leland T.

Russell, Francis R., Scotch Plains, N. J., assignor to Standard Oil Development Company. Method and apparatus for combining fluids. 2,559,516, July 3.

Russell, Frank J.: *See*—
Charbonneau, Allan P., and Russell.

Russell, Frank J., Wauwatosa, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Electric switch. 2,561,450, July 24.

Russell, George E., assignor to Russell's (Kirbymoorside) Limited, Kirbymoorside, England. Sower with seed dispensing rotor, an adjustable spill plate, and means for accommodating seeds of different sizes. 2,564,927, Aug. 21.

Russell, George H., and W. D. Mills, Reno, Nev. Dolly type adjustable machine. 2,538,473, Jan. 16.

Russell, George H., and F. L. Rice, Reno, Nev. Seal beam headlight adjuster. 2,557,893, June 19.

Russell, Gwyn E., Riverside, Calif. Digging machine. 2,577,271, Dec. 4.

Russell, Harry J., assignor to Baker & Co., Inc., Newark, N. J. Orthodontic device. 2,549,528, Apr. 17.

Russell, Harvey L., Alhambra, Calif. Quick release for foot bars of sewing machines. 2,542,434, Feb. 20.

Russell, Herbert H., assignor to The Greist Manufacturing Company, New Haven, Conn. Cloth-holding device for buttonhole attachments. 2,547,977, Apr. 10.

Russell, Herbert H., assignor to The Greist Manufacturing Company, New Haven, Conn. Sewing-machine attachment. 2,574,661, Nov. 13.

Russell, James L., Sun Valley, Calif., assignor to Bendix Aviation Corporation, South Bend, Ind. Echo distance measuring circuit. 2,572,668, Oct. 23.

Russell, John D.: *See*—
Woolf, James W., and Russell.

Russell, John D., Franklin, assignor to Joy Manufacturing Company, Pittsburgh, Pa. Safety control means for timber setting machines. 2,570,383, Oct. 9.

Russell, John D., and J. W. Woolf, Franklin, Pa., assignors to Joy Manufacturing Company. Centrifugal switch. 2,550,868, May 1.

Russell, John L., assignor to The Bristol Company, Waterbury, Conn. Constant speed apparatus. 2,552,296, May 8.
Russell, John R.: *See*—
Collins, George A., Russell, and Colahan.
Russell, Julia R., Columbus, Ohio. Removable cover for upholstered articles of furniture. 2,567,579, Sept. 11.
Russell, Linus E.: *See*—
Peters, George E., and Russell.
Russell, Louis R., Edison, Ohio, assignor to Insley Manufacturing Corporation, Indianapolis, Ind. Adjustable boom for cranes or the like. 2,545,047, Mar. 13.
Russell Manufacturing Company, The, assignee: *See*—
Walters, Gustav.
Russell, Mark N., and W. F. Zimmerman, assignors to Pass & Seymour, Inc., Syracuse, N. Y. Snap switch mechanism. 2,570,281, Oct. 9.
Russell, Matthew J. B., Brooklyn, N. Y., assignor to Bendix Aviation Corporation, Teterboro, N. J. Air-speed responsive device. 2,550,603, Apr. 24.
Russell-Miller Milling Co., assignee: *See*—
Lang, Charles A.
Russell, Motie L., Huntington, W. Va. Can opener. 2,570,721, Oct. 9.
Russell, Nelson B.: *See*—
Bond, Donald C., and Russell.
Russell, Peter B.: *See*—
Hitchings, George H., Russell, and Falco.
Russell, Peter K., Shippensburg, Pa. Gas burner and adjustable support. 2,542,577, Feb. 20.
Russell, Raymond H., assignee: *See*—
Leonard, Summers L., Sr.
Russell, Robert D., and W. L. Ihly, St. Petersburg, Fla. Ice making machine. 2,545,558, Mar. 20.
Russell, Robert G.: *See*—
Tooley, Fay V., and Russell.
Russell, Robert G., assignor to Davy and United Engineering Company Limited, Sheffield, England. Adjustment gauge for coils. 2,571,947, Oct. 16.
Russell, Robert G., and R. B. Wiley, Newark, assignors to Owens-Corning Fiberglas Corporation, Toledo, Ohio. Apparatus for mixing viscous liquids. 2,577,920, Dec. 11.
Russell, Robert P., and W. H. Rupp, Mountainside, N. J., assignors to Standard Oil Development Company. Production for Dry Ice from natural gas. 2,548,498, Apr. 10.
Russell, Stanley A., Baldwin, N. Y. Electromagnetic ignition apparatus for fuel gas. 2,536,468, Jan. 2.
Russell, Stanley D., assignor to J. I. Case Company, Racine, Wis. Bale tie. 2,551,222, May 1.
Russell, Stanley D., assignor to J. I. Case Company, Racine, Wis. Baling machine with spiral feeding and compression means. 2,571,489, Oct. 16.
Russell, Stanley D., assignor to J. I. Case Company, Racine, Wis. Bearing guard. 2,575,531, Nov. 20.
Russell, Titus, Albion, Mich. Mold for concrete blocks and the like. 2,570,384, Oct. 9.
Russell, Warren O., Rangeley, Maine. Camp broiler. 2,545,005, Mar. 13.
Russell, William J., assignor to Landers, Frary & Clark, New Britain, Conn. Electrically heated flatiron. 2,552,818, May 15.
Russell, William J., New Britain, Conn., assignor, by mesne assignments, to Crosley Division, Avco Manufacturing Corporation, Cincinnati, Ohio. Clothes-washing machine utilizing a tumbling drum. 2,574,985, Nov. 13.
Russell, William J., Newington, assignor to Landers, Frary & Clark, New Britain, Conn. Handle fastening means for pressure cooker closures. 2,542,435, Feb. 20.
Russell, William J., Newington, assignor to Landers, Frary & Clark, New Britain, Conn. Pressure cooker closure fastener. 2,549,243, Apr. 17.
Russell's (Kirbymoorside) Limited, assignee: *See*—
Russell, George E.
Russo, John S.: *See*—
Wald, Sidney, and Russo.
Russo, Joseph A., Pittsburgh, Pa. Envelope. 2,573,610, Oct. 30.
Russo, Matthew J., Falls Church, Va. Device for teaching arithmetic. 2,560,130, July 10.
Russum, Gaillard R., Somerville, N. J., assignor to Johns-Manville Corporation, New York, N. Y. Metal-sheathed insulating blanket and manufacture. 2,576,698, Nov. 27.
Rust, David J.: *See*—
Jensen, Jack H., and Rust.
Rust, David J., and J. H. Jensen, assignors to Ry-Lock Company, Ltd., San Leandro, Calif. Locator and wear shoe for frameless window screens. 2,554,542, May 29.
Rust, David J., and J. H. Jensen, assignors to Ry-Lock Company, Ltd., San Leandro, Calif. Frameless window screen tensioning device. 2,573,223, Oct. 30.
Rust, Frederick F.: *See*—
Bell, Edward R., Rust, and Vaughan.
Vaughan, William E., and Rust.
Rust, Frederick F., Oakland, A. R. Stiles and W. E. Vaughan, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Sulfamic-substituted ditertiaryalkyl peroxides. 2,542,578, Feb. 20.
Rust, George Q., Wharton, Tex. Invalid lift. 2,541,783, Feb. 13.
Rust, John B.: *See*—
Hessel, Frederick A., and Rust.
Rust, John B., East Hanover, N. J., assignor of one-half to Montclair Research Corporation, and one-half to Ellis-Foster Company. Organo-silicon copolymers and making same. 2,562,953, Aug. 7.
Rust, John B., assignor of one-half to Montclair Research Corporation, Montclair, N. J., and one-half to Ellis-Foster Company. Addition products of esters comprising a polyhydric alcohol esterified with drying oil acids and an alkenol-dicarboxylic acid monoester and making same. 2,570,385, Oct. 9.
Rust, John B., East Hanover, and W. B. Canfield, Montclair, N. J., assignors of one-half to Montclair Research Corporation and one-half to Ellis-Foster Company. Unsaturated monohydric phenolic ether-modified drying oils and making same. 2,563,870, Aug. 14.
Rust, John B., East Hanover, and W. B. Canfield, Montclair, N. J., assignors of one-half to Montclair Research Corporation, and one-half to Ellis-Foster Company. Unsaturated polyhydric phenolic ether-modified rosin esters and making same. 2,563,871, Aug. 14.
Rust, John B., East Hanover, and W. B. Canfield, Montclair, N. J., assignors of one-half to Montclair Research Corporation, and one-half to Ellis-Foster Company. Unsaturated monohydric phenolic ether-modified rosin esters and making same. 2,563,872, Aug. 14.
Rust, John B., East Hanover, and W. B. Canfield, Montclair, N. J., assignors of one-half to Montclair Research Corporation, and one-half to Ellis-Foster Company. Unsaturated polyhydric phenolic ether-modified drying oils and making same. 2,563,873, Aug. 14.
Rust, John B., East Hanover, and L. Spialter, Newark, N. J., assignors of one-half to Montclair Research Corporation, and one-half to Ellis-Foster Company. Silicon-resin foams. 2,565,524, Aug. 28.
Rust, John B., Montclair, and C. A. MacKenzie, East Orange, N. J., assignors of one-half to Montclair Research Corporation, and one-half to Ellis-Foster Company. Polymerization of an alkoxy hydrocarbon silane by oxidation. 2,572,876, Oct. 30.
Rust, John D., Memphis, Tenn. Cotton picker spindle slat fastening means. 2,548,069, Apr. 10.
Rust, John D., Memphis, Tenn. Suds-forming and moisture-supplying means for spindle moistening apparatus. 2,567,301, Sept. 11.
Rust, Mack D., Coalinga, Calif. Cotton-picking machine doffer. 2,577,367, Dec. 4.
Rust, Noël M., and P. S. Brandon, Chelmsford, England, assignors, by mesne assignments, to Radio Corporation of America, New York, N. Y. Radio distance measuring and like system. 2,556,109, June 5.
Rust, Noël M., and L. H. Dawson, Chelmsford, England, assignors, by mesne assignments, to Radio Corporation of America, New York, N. Y. Aerial array and feeder arrangement for use therewith. 2,570,599, Oct. 9.
Rust, William M., Cortland, N. Y., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Output coupling circuit for balanced high-frequency generators. 2,546,015, Mar. 20.
Rustad, Arthur C., Floral Park, assignor to Press Wireless, Inc., New York, N. Y. Multiple clutch for facsimile scanning machines. 2,538,849, Jan. 23.
Rutgers, Hendrik, The Hague, Netherlands. Shuttering element. 2,565,186, Aug. 21.
Ruth, Vincent, Philadelphia, Pa. Headrest for chairs. 2,553,385, May 15.
Ruther, James H., Pasco, Wash. Watch stem setter and winder. 2,567,580, Sept. 11.
Ruther, Walter H.: *See*—
Hiles, Earl W., and Ruther.
Rutherford, Benson W., Sebastopol, Calif. Peeling machine. 2,574,761, Nov. 13.
Rutherford, John C., Hammondsport, N. Y. Vineyard take-out plow. 2,539,864, Jan. 30.
Rutherford, John T.: *See*—
Hetzner, Howard P., and Rutherford.
Rutherford, Newton, administrator: *See*—
Lea, Henry V.
Rutherford, Robert E.: *See*—
Koch, Stanley J., and Rutherford.
Rutherford, Robert E., Nutley, assignor to Allen B. Du Mont Laboratories, Inc., Clifton, N. J. Polar co-ordinate cathode-ray tube. 2,570,008, Oct. 2.
Rutherford, Victor S., East Cleveland, and A. J. Hornfeck, Lyndhurst, Ohio, assignors to Bailey Meter Company. Resistance thermometer element. 2,540,963, Feb. 6.
Ruthruff, Robert F., Chicago, Ill. Hydrocarbon synthesis with fluidized catalyst. 2,557,842, June 19.
Ruths, Arird, assignee: *See*—
Kielland, Kaspar K.
Rutka, Stanley: *See*—
Leiding, Elmer A., Nelson, and Rutka.
Rutkowski, John: *See*—
Domack, Stanley A., and Rutkowski.
Rutledge, Allan, Fort Worth, assignor to L. M. Turnage, Tarrant County, Tex. Penetrating fire extinguishing nozzle. 2,548,621, Apr. 10.
Rutledge, Harry E., Pittsburgh, Pa. Floodlight having divergent angular hood faces with hood lamp apertures and lamp sockets in coaxial alignment. 2,562,063, July 24.

Rutledge, Harry E., Pittsburgh, Pa. Floodlight having hood lamp apertures and lamp sockets in coaxial alignment. 2,562,064, July 24.

Rutledge, Harry E., Pittsburgh, Pa. Pole hinge. 2,577,811, Dec. 11.

Rutledge, Howard C., and R. M. Adler, Birmingham, Ala., assignors to The Ingalls Shipbuilding Corporation. Submersible tank for supporting off-shore structures. 2,579,703, Dec. 25.

Rutledge, Lewis T.: *See*—
Phelps, Ross W., and Rutledge.

Rutledge, Thomas F., St. Louis, Mo., F. M. Seger, Pitman, A. N. Sachanen, Woodbury, and W. E. Garwood, Haddonfield, N. J., assignors to Socony-Vacuum Oil Company, Incorporated. Synthetic lubricants. 2,569,429, Sept. 25.

Rutledge, William T., Santa Ana, Calif. Ladder. 2,556,398, June 12.

Rutter, Alvah E., Rockford, Ill., assignor to J. I. Case Company, Racine, Wis. Tractor drawn disk harrow. 2,538,594, Jan. 16.

Rutter, Alvah E., Rockford, Ill., assignor to J. I. Case Company, Racine, Wis. Disk plow. 2,559,517, July 3.

Rutter, Ralph P.: *See*—
Fobes, Ernest E., and Rutter.

Ruys, Josephus J., assignor to Eru-Kaasfabriek N. V., Woerden, Netherlands. Roasted cheese products and making the same. 2,571,765, Oct. 16.

Ruysdael, Basil, Los Angeles, Calif., H. L. Hadden, West Orange, N. J., H. I. Zagor, and F. J. Alterman, Long Island City, N. Y.; said Hadden, Zagor and Alterman assignors to said Ruysdael. Intelligence communication system. 2,536,228, Jan. 2.

Ruze, John, Cambridge, Mass., and O. C. Woodyard, Neptune, N. J., assignors to the United States of America as represented by the Secretary of War. Rapid scanning system. 2,576,146, Nov. 27.

Ruzga, Joseph A., Baltimore, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Reel. 2,550,604, Apr. 24.

Ruzicka, Leopold, and P. Plattner, Zurich, Switzerland, assignors to Ciba Pharmaceutical Products, Inc., Summit, N. J. Preparing 14-hydroxy steroids. 2,555,704, June 5.

Ruzsicska, Roy H., Petaluma, Calif. Egg washing machine. 2,538,331, Jan. 16.

Ryall, Thomas H., New Westminster, British Columbia, Canada. Making bevelled siding. 2,569,831, Oct. 2.

Ryan, Albert O., Independence, Ky., assignor to Redding Manufacturing Company, Inc., Norwalk, Conn. Coating filaments. 2,545,006, Mar. 13.

Ryan, Alden H., Alexandria, and J. P. Hagen, Arlington, Va. Impedance matched frequency converter. 2,561,417, July 24.

Ryan, Alice G., Inkster, Mich. Collapsible pouring spout. 2,543,470, Feb. 27.

Ryan, Arthur M., Burlingame, Calif. Advertising display device. 2,548,070, Apr. 10.

Ryan, Catherine M., Cleveland Heights, Ohio. Artificial limb. 2,578,019, Dec. 11.

Ryan, Earl E., assignee: *See*—
Richardson, Fowler.

Ryan, Ella C., National City, Calif. Bunion protector. 2,556,887, June 12.

Ryan, George A., Royal Oak, Mich. Drawing compass attachment. 2,567,733, Sept. 11.

Ryan, George R., Waukegan, and F. H. Young, Lake Bluff, assignors to Abbott Laboratories, North Chicago, Ill. Administration of medicament. 2,551,339, May 1.

Ryan, George R., Waukegan, and F. H. Young, Lake Bluff, assignors to Abbott Laboratories, North Chicago, Ill. Hypodermic syringe. 2,561,233, July 17.

Ryan, George R., Waukegan, and F. H. Young, Lake Bluff, assignors to Abbott Laboratories, North Chicago, Ill. Disposable ampulla syringe. 2,566,428, Sept. 4.

Ryan, James F., Jr.: *See*—
Derbenwick, Frank, Ryan, and Calhoun.

Ryan, James J., Jr., St. Paul, Minn. Tensiometer. 2,559,800, July 10.

Ryan, John J., Woodhaven, and D. Clegg, Great Neck, N. Y., assignors to The Sperry Corporation. Gun mounting. 2,538,045, Jan. 16.

Ryan, John K.: *See*—
Veon, Paul E., and Ryan.

Ryan, Joseph D., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Bending mold and prolonging the life thereof. 2,560,599, July 17.

Ryan, Joseph D., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Laminated safety glass. 2,567,353, Sept. 11.

Ryan, Leo E.: *See*—
Baker, Bruce E., Brickman, and Ryan.

Ryan, Leslie J., East Malvern, Victoria, Australia. Supply of fuel to the carburetors of automobiles. 2,542,362, Feb. 20.

Ryan, Martin A.: *See*—
Wagner, Cary R., and Ryan.

Ryan, Martin A., Bartlesville, Okla., assignor to Phillips Petroleum Company. Drilling fluids and using same. 2,557,473, June 19.

Ryan, Martin A., Bartlesville, Okla., assignor to Phillips Petroleum Company. Drilling muds and use. 2,561,418, July 24.

Ryan, Mary M., Petersburg, Va. Storage and laundry pouch. 2,565,394, Aug. 21.

Ryan, Russell T.: *See*—
Spitzer, William C., and Ryan.

Ryan, Victor A., W. C. Kesler, and C. W. Pimper, Jr., assignors to Crown Cork & Seal Company, Inc., Baltimore, Md. Closures. 2,554,639, May 29.

Ryan, Victor J., Darby, and A. F. Pisacane, Lansdowne, Pa., assignors to General Electric Company. Tandem locking device. 2,543,643, Feb. 27.

Ryan, William H.: *See*—
Land, Edwin H., and Ryan.

Ryant, Charles J., Jr., assignor to Standard Oil Company, Chicago, Ill. Contacting apparatus. 2,575,186, Nov. 13.

Ryberg, Henry, Brooklyn, N. Y. Sachet. 2,564,860, Aug. 21.

Ryberg, Milton E., and H. W. Burney, Gainesville, Fla., and F. L. Joy, Ripley, Miss., assignors to the United States of America as represented by the Secretary of Agriculture. Acid metering and atomizing nozzle. 2,573,731, Nov. 6.

Ryburn, Paul W.: *See*—
Schlenker, Max E., and Ryburn.

Rychwalski, Vernon W., assignor of fifty per cent to W. T. Barrett, Rochester, N. Y. Steering wheel brake. 2,570,988, Oct. 9.

Ryde, Helge: *See*—
Redin, Eric, and Ryde.

Ryde, John W.: *See*—
Jones, Douglas E., Ransley, Ryde, and Williams.

Ryden, Laurence L., assignor to The Dow Chemical Company, Midland, Mich. Protecting plastic and enameled surfaces and composition therefor. 2,540,996, Feb. 6.

Ryden, Laurence L., assignor to The Dow Chemical Company, Midland, Mich. Producing lamellar polystyrene particles. 2,548,909, Apr. 17.

Ryder, James W.: *See*—
Ricards, Harold A., Jr., and Ryder.

Ryder, James W., Watchung, N. J., assignor to Standard Oil Development Company. Sweetening process using alkali metal hydroxide containing high-boiling mercaptan salts. 2,570,278, Oct. 9.

Ryder, James W., Watchung, N. J., assignor to Standard Oil Development Company. Sweetening process. 2,574,122, Nov. 6.

Ryder, Norris S., Chicago, Ill. Comparator. 2,570,489, Oct. 9.

Rydner, Gustaf W., assignor to General Motors Corporation, Detroit, Mich. Sheet pallet stacker. 2,576,482, Nov. 27.

Ryerson, Clifford M., M. H. Aronson, and L. W. Erath, Washington, D. C. Transient peak voltmeter. 2,547,978, Apr. 10.

Ryland, Junior S., Santa Barbara, Calif. Jaw adjusting means for slidable side jaw wrenches. 2,569,581, Oct. 2.

Ryland, Lloyd B., El Cerrito, assignor to Shell Development Company, San Francisco, Calif. Preparation of silica-alumina cracking catalyst. Re. 23,438, Dec. 4.

Ryland, Lloyd B., El Cerrito, assignor to Shell Development Company, San Francisco, Calif. Preparation of silica-alumina cracking catalyst. 2,565,886, Aug. 28.

Rylander, Bernhard U., Enskede, assignor to Svenska Skofabriksntforeningen, Stockholm, Sweden. Manufacturing clicker dies. 2,548,910, Apr. 17.

Ry-Lock Company, Ltd., assignee: *See*—
Jensen, Jack H.
Jensen, Jack H., and Rust.
Rust, David J., and Jensen.

Rylsky, Gregory V., Ridgefield Park, assignor to Bendix Aviation Corporation, Teterboro, N. J. Pendulum device. 2,572,766, Oct. 23.

Rylsky, Gregory V., Ridgefield Park, and F. W. Schule, Hackensack, assignors to Bendix Aviation Corporation, Teterboro, N. J. Illuminated polarized instrument scale. 2,552,383, May 8.

Rymal, Theodore R., assignor to Warren Automatic Tool Company, Houston, Tex. Specific gravity measuring device. 2,541,102, Feb. 13.

Rymal, Theodore R., Houston, Tex. Self-lubricating piston rod. 2,572,952, Oct. 30.

Ryno, Juddson B.: *See*—
Casey, Charles L., and Ryno.

Rypel, Rupert: *See*—
Rypel, Stanley A. and R.

Rypel, Stanley A. and R., Milwaukee, Wis. Fountain comb. 2,577,665, Dec. 4.

Rysdon, Max L., Sioux Falls, S. Dak. Ventilator. 2,551,969, May 8.

Ryznar, John W., La Grange Park, assignor to National Aluminate Corporation, Chicago, Ill. Steam generation and compositions for inhibiting foaming. 2,575,298, Nov. 13.

Rzepela, Stanley, Philadelphia, Pa. Shaft drive for internal-combustion engines and the like. 2,579,969, Dec. 25.

Rzeppa, Alfred H., Grosse Pointe, Mich. Torque transmitting angle coupling. 2,559,093, July 3.

S. A. Belge Stein & Roubaix, assignee: *See*—
Layerdisse, Edmond J. G., and Lorneau.

S. A. Compagnie Industrielle des Machines Automatiques de Comptabilite, assignee: *See*—
Verneaux, Jean E. P.

S. A. Les Fabriques de Balanciers Reunies, assignee: *See*—
Fleck, Charles.
S. A. Officine Meccaniche F. lli Daldi & Matteucci, assignee: *See*—
Matteucci, Luigi.
S & C Electric Company, assignee: *See*—
Lindell, Sigurd I.
Schultheiss, Carl E.
SKF Industries, Inc., assignee: *See*—
Bratt, Axel E.
Brodin, Eric C.
Palmgren, Per G.
Palmgren, Per Gunnar, and Murray.
S-M Engineering Company, assignee: *See*—
Schley, Milton G.
S & M Lamp Co., assignee: *See*—
Green, Fred, and Horne.
S-P Manufacturing Corporation, The, assignee: *See*—
Sampson, Merritt B.
S & S Corrugated Paper Machinery Co., Inc., assignee: *See*—
Hess, Charles.
Shields, Albert F.
S & W Fine Foods, Inc., assignee: *See*—
Carroll, Ellsworth W.
Wormser, Paul.
S. & Z. Manufacturing Company, Inc., assignee: *See*—
Zappia, Anthony T.
Saad, E. N., assignee: *See*—
Bashore, Homer H.
Saad, S. J., assignee: *See*—
Bashore, Homer H.
Saad, Theodore S., West Roxbury, Mass., assignor, by mesne assignments, to the United States of America as represented by the Secretary of War. Power measuring system. 2,577,543, Dec. 4.
Saalfrank, Royal B., Gulfport, Fla., assignor to Milton Roy Company, Philadelphia, Pa. Valve and pump. 2,569,734, Oct. 2.
Saalfrank, Royal B., Gulfport, Fla., assignor to Milton Roy Company, Springfield Township, Pa. Bellows pump. 2,578,265, Dec. 11.
Saalfrank, Royal B., Philadelphia, Pa., assignor to F. J. Stokes Machine Company. Fill adjusting mechanism for molding presses. 2,537,426, Jan. 9.
Saari, Mathew, and V. De Cesare, assignors to J. Schoeneman, Incorporated, Baltimore, Md. Garment shield. 2,545,312, Mar. 13.
Saari, Thomas A., Chicago, Ill., assignor, by mesne assignments, to Baldwin-Lima-Hamilton Corporation. Floating press head. 2,572,953, Oct. 30.
Saarinen, Eero, Bloomfield Hills, Mich., assignor to Knoll Associates, Inc., New York, N. Y. Shaped chair. 2,541,835, Feb. 13.
Sabatini, Ugo, and V. Ciampolini, Milano, Italy. Engaging device for mechanical relays. 2,539,328, Jan. 23.
Sabbagh, John W.: *See*—
Voelker, Jane E. and E. M., and Sabbagh.
Sabel, Edward R., and F. I. Galbrecht, assignors to The Haloid Company, Rochester, N. Y. Photocopy machine. 2,547,979, Apr. 10.
Sabel, Edward R., and F. I. Galbrecht, assignors to The Haloid Company, Rochester, N. Y. Apparatus for applying powder to an electrophotographic plate. 2,550,724, May 1.
Sabin, James O., Dalbo, Minn. Animated decoy. 2,547,286, Apr. 3.
Sabin, James O., and G. E. Ericson, Dalbo, Minn. Fishing spinner. 2,574,293, Nov. 6.
Sabine, Maurice, Conflans-Sainte-Honorine, assignor to Lignes Telegraphiques et Telephoniques, Seine-et-Oise, France. Device for mounting insulating washers on electrical conductors. 2,544,280, Mar. 6.
Sabit, Vahdi, assignee: *See*—
Fenari, Sükrü.
Sabo, Louis, Astoria, assignor to Delman, Inc., New York, N. Y. Heel stiffening plate. 2,544,048, Mar. 6.
Sabo, Louis, Astoria, assignor to Del-Sab Corporation, New York, N. Y. Die cutter. 2,550,299, Apr. 24.
Sabo, Louis R., Mariemont, Ohio. Swing-away lavatory stool. 2,570,865, Oct. 9.
Sabo, Therese M., Stockholm, N. J. Household implement. 2,563,422, Aug. 7.
Sabo, William A., Neshaminy, Pa. Rotary cutterhead with radically extended blade support. 2,579,615, Dec. 25.
Sabol, John T., assignor to The Ohio Crankshaft Company, Cleveland, Ohio. Cooling magnetic cores of electrical apparatus. 2,547,045, Apr. 3.
Saccard, Alexandre, assignee: *See*—
Pozarik, Alfred.
Saccas, George N.: *See*—
Simpson, Frank R., and Saccas.
Sacchini, Columbus R., Willoughby, assignor to The Marquette Metal Products Company, Cleveland, Ohio. Windshield wiper mechanism. 2,547,175, Apr. 3.
Sacchini, Columbus R., Willoughby, assignor to The Marquette Metal Products Company, Cleveland, Ohio. Electric windshield wiper with dynamic brake parking. 2,560,000, July 10.
Sacchini, Columbus R., Willoughby, assignor to The Marquette Metal Products Company, Cleveland, Ohio. Surface wiping mechanism. 2,560,780, July 17.
Sacchitella, Eugene, New York, N. Y. Shirt embodying a detachable collar construction. 2,569,693, Oct. 2.
Saccoccio, Anthony R., Cranston, R. I. Ornamental chain. 2,537,789, Jan. 9.
Sachanen, Alexander N.: *See*—
Brooks, John W., and Sachanen.
Garwood, William E., Seger, Feasley, and Sachanen.
Kozacik, Alfred P., and Sachanen.
Lukasiewicz, Sigmund J., and Sachanen.
Rutledge, Thomas F., Seger, Sachanen, and Garwood.
Seger, Francis M., Feasley and Sachanen.
Seger, Francis M., Garwood, and Sachanen.
Seger, Francis M., and Sachanen.
Sacharow, Maurice H., Cleveland Heights, Ohio. Collapsible safety razor. 2,542,096, Feb. 20.
Sachleben, Harold G., Bellmawr, assignor to Acme Staple Company, Camden, N. J. Stapler. 2,556,002, June 5.
Sachleben, Harold G., Bellmawr, and N. Sachleben, Clementon, N. J. Adjustable concrete form spreader. 2,557,693, June 19.
Sachleben, Nicholas: *See*—
Sachleben, Harold G. and N.
Sachs, Carrol C., North Hollywood, and J. Bond, assignors to Alexander H. Kerr & Co., Inc., Los Angeles, Calif. Photopolymerization process and compositions. 2,548,685, Apr. 10.
Sachs, Carrol C., North Hollywood, and J. Bond, West Los Angeles, assignors to Alexander H. Kerr & Co., Los Angeles, Calif. Photopolymerization process and photopolymerizable compositions of matter. 2,579,095, Dec. 18.
Sachs, Hans W., Binghamton, assignor to Remington Rand Inc., New York, N. Y. Spool drive mounting means. 2,553,835, May 22.
Sachs, Morris, New York, N. Y. Fluorescent lighting fixture. 2,548,500, Apr. 10.
Sachse, Arthur C., and J. Major, Detroit, assignors to Chrysler Corporation, Highland Park, Mich. Magnetic coupling. 2,556,004, June 5.
Sachtleben, Lawrence T., Haddonfield, N. J., assignor to Radio Corporation of America. Optical adjusting microscope. 2,574,712, Nov. 13.
Sachtleber, Rudolph, East Orange, N. J. Sine bar. 2,551,169, May 1.
Sack, Henri S.: *See*—
Rossi, Bruno, Sack, Beyer, and Miller.
Trischka, John W., and Sack.
Sackner Products, Inc., assignee: *See*—
Cook, Wayne S.
Boersma, Barney, and Robinson.
Wall, Daniel J., and Reinhard.
Saco-Lowell Shops, assignee: *See*—
Gwaltney, Eugene C., and Anderson.
Jessen, Robert F.
Rogers, Ernest H.
Sadgebury, Herman F.: *See*—
Davidson, John T., Ganger, Crawford, and Sadgebury.
Sadir-Carpentier, assignee: *See*—
Aicardi, Joseph.
Sadler, Carl L., Jr.: *See*—
Hulman, Julius, and Sadler.
Sadler, Henry R.: *See*—
French, Reginald F., and Sadler.
Sadler, Lloyd S.: *See*—
Wengel, Arthur M., and Sadler.
Sadlon, Stephen: *See*—
Hotz, Fred T., Sadlon, and Brown.
Sadony, Joseph A.: *See*—
Beyers, Meredith, and Sadony.
Saegert, Marie S., assignee: *See*—
Scavullo, Angelo C.
Saeks, Alvin L.: *See*—
Wilson, Norman E., and Saeks.
Saeks, Reuben R.: *See*—
Carson, Richard M., and Saeks.
Saeman, Walter C., Florence, Ala., assignor to the United States of America as represented by the Tennessee Valley Authority. Crystallization. 2,567,968, Sept. 18.
Saether, Öivin, Aalesund, Norway. Fishing line. 2,536,312, Jan. 2.
Safe Flight Instrument Corp., assignee: *See*—
Greene, Leonard M.
Safety Car Heating and Lighting Company, Inc., The, assignee: *See*—
Haddad, Labeeb B.
Von Ohlsen, Louis H.
Safety Service Corporation, assignee: *See*—
De Cordré, Gale.
Safety Tourniquet Corporation, assignee: *See*—
Cohen, David.
Saffell, Ralph R., Phoenix, Ariz. Electric furnace. 2,555,609, June 5.
Saffir, Jacob A., Kew Gardens, assignor to The Dentists' Supply Company of New York, New York, N. Y. Coating compositions containing glass fibers. 2,549,017, Apr. 17.
Safford, Henry S., Little Rock, Ark. Mineral sampling implement. 2,544,728, Mar. 13.
Safford, Lewis A., Watertown, N. Y., assignor to The New York Air Brake Company. Sand trap. 2,568,972, Sept. 25.
Safford, Moyer M.: *See*—
Hurd, Dallas T., and Safford.

Safford, Moyer M., Schenectady, N. Y., assignor to General Electric Company. Plasticized vinyl halide resins. 2,539,207, Jan. 23.
Safford, Moyer M., Schenectady, N. Y., assignor to General Electric Company. Preparation of flexible organopolysiloxanes by contacting a liquid polysiloxane with a boron hydride. 2,558,560, June 26.
Safford, Moyer M., Schenectady, N. Y., assignor to General Electric Company. Processing of synthetic rubbers with oily organopolysiloxane. 2,558,584, June 26.
Safford, Moyer M., Schenectady, N. Y., assignor to General Electric Company. Reinforced elastic organo-substituted polysiloxanes containing treated pigments. 2,563,555, Aug. 7.
Safford, Moyer M., and D. T. Hurd, Schenectady, N. Y., assignors to General Electric Company. Elastic organopolysiloxanes prepared with the aid of a boron hydride. 2,558,561, June 26.
Safford, Paul L.: *See*—
Holmes, Elbridge R., and Safford.
Safir, George, Norwalk, Conn., assignor to Safir Plan, Inc. Fastening tassels to robe sashes. 2,566,750, Sept. 4.
Safir Plan, Inc., assignee: *See*—
Safir, George
Safway Steel Products, Inc., assignee: *See*—
Craighead, Philip B., and Nelson.
Hauck, Robert M.
Sag, Bela, Alliance, Ohio. Ornamental preserving coating for food articles. 2,536,701, Jan. 2.
Sage, Henry E., West Hartford, Conn. Building construction. 2,573,987, Nov. 6.
Sage Laboratories, Inc., assignee: *See*—
Sage, Maurice S.
Sage, Maurice S., Brooklyn, assignor to Sage Laboratories, Inc., New York, N. Y. Detergent dissolving device. 2,537,790, Jan. 9.
Sagen, Allard, Moorhead, Minn. Tire changing device. 2,539,274, Jan. 23.
Sagen, Lawrence G., Auburn, N Y. Paint bucket and brush holder. 2,557,694, June 19.
Sagenkahn, Malcolm L.: *See*—
Deming, Philip H., and Sagenkahn.
Sagenkahn, Malcolm L., Dobbs Ferry, N. Y., assignor to Shell Development Company, San Francisco, Calif. Extraction process. 2,579,867, Dec. 25.
Sager, Frank, Ahmeek, Mich. Multiple coin-operated phonograph controls. 2,577,272, Dec. 4.
Sager, William F., Cambridge, Mass., assignor to The Texas Company, New York, N. Y. Preparation of unsaturated organic nitriles. 2,553,008, May 15.
Sager, William F., Cambridge, Mass., assignor to The Texas Company, New York, N. Y. Production of thiophene compounds from a sulfur dioxide and hydrogen sulfide mixture. 2,570,722, Oct. 9.
Sagers, Peter, Kalamazoo, Mich. Fish scaler. 2,569,022, Sept. 25.
Sagner, Walter T., West Hartford, Conn., assignor to Underwood Corporation, New York, N. Y. Power-operated carriage return and line-spacing device. 2,541,295, Feb. 13.
Saha, Aatto P., Richmond County, assignor, by mesne assignments, to Cyclotherm Corporation, Oswego, N. Y. Dispersible fuel burner having a reverse gas flow flame stabilizer. 2,539,165, Jan. 23.
Sahlgaard, Aage D., Chicago, Ill. Automotive vehicle braking system. 2,579,616, Dec. 25.
Sahlin, Börje, Stockholm, I. Aslund, Karlskoga, and E. E. Jansson, deceased, Bofors, Sweden, by H. Nyqvist, executor, assignors to Aktiebolaget Bofors, Bofors, Sweden. Forward damper device for firearms with a recoil mantle. 2,539,275, Jan. 23.
Sahlin, Börje, Stockholm, Sweden, and E. E. Jansson, deceased, Bofors, Sweden, by H. Nyqvist, executor, assignors to Aktiebolaget Bofors, Bofors, Sweden. Cartridge belt. 2,550,204, Apr. 24.
Sahutski, John A., Wilkes-Barre, Pa. Fish lure. 2,567,787, Sept. 11.
Saidel, Willard M., Plainfield, N. J. Self-sealing container of laminated plastic sheet material. 2,536,773, Jan. 2.
Saidel, William R., Green Bay, Wis. Folding carton. 2,579,760, Dec. 25.
Sailers, George H., Houston, Tex. Fluid pressure control device. 2,565,742, Aug. 28.
Sailler, John W., Pleasant Ridge, assignor to Chrysler Corporation, Highland Park, Mich. Spark plug shield. 2,553,114, May 15.
Sailors, Howard R., Bartlesville, Okla., assignor to Phillips Petroleum Company. Preparation of a supported aluminum-halide-carbon catalyst. 2,577,591, Dec. 4.
St. Charles Manufacturing Co., assignee: *See*—
Waller, Alfred F.
St. Clair, Oba L., Eugene, Oreg. Constant tension flight control device for model airplanes. 2,559,049, July 3.
St. Clair, Oba L., Eugene, Oreg. Automatic reel for controlling self-propelled model airplanes. 2,559,050, July 3.
St. Clair, Theodore A., Bartlesville, Okla., assignor to Phillips Petroleum Company. Quick closing valve and storage tank containing same. 2,538,806, Jan. 23.
St. Clair, Theodore A., Bartlesville, Okla., assignor to Phillips Petroleum Company. Automatic filler. 2,544,734, Mar. 13.
St. Clair, Theodore A., Bartlesville, Okla., assignor to Phillips Petroleum Company. System for filling containers by weight. 2,545,118, Mar. 13.
St. Clair, Theodore A., East Cleveland, assignor to The Weatherhead Company, Cleveland, Ohio. Liquid level gauge with deflector. 2,540,699, Feb. 6.
St. Clair, Wilbur F.: *See*—
Mayer, Joseph W., and St. Clair.
St. Clair, William E., and R. V. Lawrence, New Orleans, La., assignors to the United States of America as represented by the Secretary of Agriculture. Aluminum resinates and preparation. 2,567,250, Sept. 11.
St. Denis, Alcide O., Montreal, Quebec, Canada. Detachable tray for the inside of motor vehicle doors. 2,554,685, May 29.
Ste. Marie, Louis A., Montreal, Quebec, Canada. Serving implement. 2,557,846, June 19.
St. Germain, Arthur V., Camarillo, Calif. Collapsible back for vehicle seats. 2,545,679, Mar. 20.
St. Germain, Elizabeth G., Tacoma, Wash. Sewing box. 2,565,893, Aug. 28.
St. Jacques, Alfred W.: *See*—
Williamson, Benjamin F., and St. Jacques.
St. Joe Machines, Inc., assignee: *See*—
Schmidtke, Albert H.
St. John, Kenneth R., Minneapolis, Minn., assignor to Moore Business Forms, Inc., Niagara Falls, N. Y. Inventory manifolding assembly. 2,543,944, Mar. 6.
St. John, Roscoe N., assignor to The Coleman Company, Inc., Wichita, Kans. Vaporizing pot type burner and pilot burner therefor. 2,574,358, Nov. 6.
St. John, Roscoe N., and S. E. McClymonds, Jr., assignors to The Coleman Company, Inc., Wichita, Kans. Vaporizing type burner and pilot ring structure. 2,554,474, May 22.
St. Marie, Gerald L., Indian Orchard, Mass. Safety device for television or radio receiving sets. 2,553,729, May 22.
St. Peter, Gayton F., assignor to B. Stephan, Milwaukee, Wis. Chair back supported folding ironing board. 2,568,686, Sept. 18.
St. Pierre, Eugene, Pawtucket, assignor to Hemphill Company, Central Falls, R. I. Yarn feeding device. 2,539,527, Jan. 30.
St. Pierre, Eugene, Pawtucket, assignor to Hemphill Company, Central Falls, R. I. Knitted fabric. 2,550,880, May 1.
St. Pierre, Eugene, Pawtucket, assignor to Hemphill Company, Central Falls, R. I. Yarn binder. 2,559,327, July 3.
St. Pierre, Henry, Worcester, Mass. Cross chain for tire chains. 2,538,046, Jan. 16.
St. Pierre, Wilfrid, Montreal, Quebec, Canada. Partition for the head end of a bed. 2,555,905, June 5.
St. Regis Paper Company, assignee: *See*—
Linda, Frank R.
Peterson, William R.
Ruderman, Irving W.
Streller, Wolfgang O.
Vredenburg, Edric W.
Zenke, Herbert J., and Arnold.
St. Vincent, Clarence J., Norway, Mich. Building structure. 2,550,883, May 1.
Sainz, Joseph J., New York, N. Y. Brake adjuster. 2,576,971, Dec. 4.
Sair, Louis: *See*—
Hall, Lloyd A., and Sair.
Sair, Louis, Evergreen Park, and L. A. Hall, assignors to The Griffith Laboratories, Inc., Chicago, Ill. Spice extract and producing. 2,571,948, Oct. 16.
Saives, Léon, assignor to Regie Nationale des Usines Renault, Billancourt, France. Steering gear adjusting device for motor vehicles. 2,547,784, Apr. 3.
Saives, Léon, assignor to Regie Nationale des Usines Renault, Billancourt, France. Drilling and swarf clearing device for machine tools. 2,578,454, Dec. 11.
Saks, Ira, assignee: *See*—
Kelleher, Daniel.
Saks, Ira, Shaker Heights, Ohio. Clutch plate. 2,541,296, Feb. 13.
Saks, Ira, Shaker Heights, Ohio. Clutch plate. 2,556,823, June 12.
Saks, Sam: *See*—
Kaish, Theodore, and Saks.
Sala, Gregory, New York, N. Y. Eradicating implement. 2,571,620, Oct. 16.
Salathiel, Richard A.: *See*—
Morgan, Bryan E., and Salathiel.
Salathiel, Richard A., Houston, Tex., assignor, by mesne assignments, to Standard Oil Development Company, Elizabeth, N. J. Determination of petroleum sulfonate as a demulsifying agent for water-in-oil emulsions. 2,543,871, Mar. 6.
Salathiel, Richard A., Houston, Tex., assignor, by mesne assignments, to Standard Oil Development Company, Elizabeth, N. J. Treating weighted muds for viscosity reduction. 2,545,169, Mar. 13.
Salati, Octavio M., New York, N. Y., assignor, by mesne assignments, to Hazeltine Research, Inc., Chicago, Ill. Electrical connector. 2,540,012, Jan. 30.
Salatin, David C., Anderson, Ind. Combined sprinkler and hose reel. 2,540,556, Feb. 6.

Salauze, Jean, Paris, assignor to Société des Accumulateurs Fixes et de Traction, Romainville, Seine, France. Negative plate for alkaline accumulator and making same. 2,554,125, May 22.
Salazar, Alfred M., Babylon, assignor to Federal Telephone and Radio Corporation, New York, N. Y. Battery charger. 2,549,854, Apr. 24.
Saldarini, Walter W., White Plains, assignor to Sonotone Corporation, Elmsford, N. Y. Electron space discharge device. 2,572,055, Oct. 23.
Sale, Frank, Beverly Hills, and D. Press, North Hollywood, assignors to Flood-Lite Service Inc., Los Angeles, Calif. Inner reflector mounting for flood lights. 2,571,294, Oct. 16.
Sale, Frank, Beverly Hills, and D. Press, North Hollywood, assignors to Flood-Lite Service Inc., Los Angeles, Calif. Detachable mounting means for flood light reflectors. 2,571,295, Oct. 16.
Sale, William H., assignee: *See*—
Willis, Paul.
Salem-Brosius, Inc., assignee: *See*—
Brosius, Edgar E.
Rose, Thomas M.
Salem Engineering Company, The, assignee: *See*—
Buckholdt, Robert E.
Salem Tool Company, The, assignee: *See*—
McCarthy, Vincent J.
Salemme, Vincent J., Staten Island, assignor to Western Electric Company, Incorporated, New York, N. Y. Magnetic fluid clutch and brake. 2,573,065, Oct. 30.
Saler, Jules N., Springfield, Mass., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Refrigerant evaporator. 2,551,465, May 1.
Salerno Machinery Company, assignee: *See*—
Brandt, John R.
Salers, Inc., assignee: *See*—
Roeder, Walter G.
Salfisberg, Leroy L., South Orange, assignor to Ivers-Lee Company, Newark, N. J. Method of and machine for packaging flexible sheets. 2,541,387, Feb. 13.
Salfisberg, Leroy L., South Orange, assignor to Ivers-Lee Company, Newark, N. J. Method of and machine for packaging adhesive strips. 2,563,071, Aug. 7.
Salfisberg, Leroy L., South Orange, assignor to Ivers-Lee Company, Newark, N. J. Sheathed flexible sheet. 2,565,887, Aug. 28.
Salfisberg, Leroy L., South Orange, assignor to Ivers-Lee Company, Newark, N. J. Labeled package. 2,572,056, Oct. 23.
Salgueiro dos Santos Gallo, Carlos Horácio Amaro, Marinha Grande, Portugal. Supplementary reservoir for feeding automatic bottle-making machines operating by suction. 2,559,467, July 3.
Saling, Donald M., Poughkeepsie, N. Y., assignor to ATF Incorporated. Voice operated relay. 2,543,807, Mar. 6.
Salinger, Hans W. G., Fort Wayne, Ind., assignor, by mesne assignments, to Farnsworth Research Corporation. Aircraft landing aid system. 2,543,065, Feb. 27.
Salinger, Hans W. G., Fort Wayne, Ind., assignor, by mesne assignments, to Farnsworth Research Corporation. Automatic picture phasing circuit. 2,543,066, Feb. 27.
Salisbury, Arthur C.: *See*—
Heckel, Herman C. N., and Salisbury.
Salisbury, Bruce R., Portland, Oreg. Carbon paper pack. 2,553,476, May 15.
Salisbury, Frederick G., Saskatoon, Saskatchewan, Canada. Clamp for fractured jaw. 2,550,869, May 1.
Salisbury, Winfield W.: *See*—
Livingood, John J., Salisbury, and Welch.
Salisbury, Winfield W., Arlington, Mass., assignor, by mesne assignments, to the United States of America as represented by the Secretary of the Navy. Inner conductor joint for coaxial lines. 2,541,836, Feb. 13.
Salisbury, Winfield W., Cedar Rapids, Iowa, assignor to the United States of America as represented by the Secretary of War. High-frequency mixer. 2,547,412, Apr. 3.
Salit, Leo: *See*—
Segal, Bernard, and Salit.
Salit, Myron C., Denver, Colo., and E. J. Kofford, Los Angeles, Calif. Marking apparatus. 2,567,969, Sept. 18.
Salkin, Jerome, assignor to The National Plastic Products Company, Odenton, Md. Spool with removable head. 2,575,131, Nov. 13.
Sallander, Court G. V., Stockholm, Sweden. Vibrator. 2,537,159, Jan. 9.
Sallou, Jean, Paris, assignor to Societe Anonyme des Etablissements Neu, Lille, France. Device utilizing the thermal-pump principle for the production of heat and cold. 2,545,861, Mar. 20.
Salmivuori, Johannes E., Malmo, Sweden. Hydraulic drive mechanism. 2,557,799, June 19.
Salmon, John E.: *See*—
Green, David F., and Salmon.
Salmon, Percy G.: *See*—
Rumsey, Victor H., and Salmon.
Salmon, Peter L., Glasgow, Scotland. Adjustable handle for attachment to cans. 2,567,788, Sept. 11.
Salmon, Reginald D., assignor to Creed and Company Limited, Croydon, England. Type-wheel construction for printing telegraph receivers. 2,547,046, Apr. 3.
Salmon, Reginald D., assignor to Creed and Company Limited, Croydon, England. Printing telegraph receiver. 2,558,003, June 26.
Salmon, Reginald D., assignor to Creed and Company Limited, Croydon, England. Alarm device for indicating failure of the paper feed mechanism in teleprinters. 2,572,057, Oct. 23.
Salmon-Legagneur, Pierre, Paris, and G. Mauny, Parc Saint-Maur, assignors to Etablissements Henry-Lepaute, Paris, France. Spark recording apparatus. 2,551,466, May 1.
Salmons, George C., assignor to A. B. Chance Company, Centralia, Mo. Pole butt ground plate. 2,545,048, Mar. 13.
Salmons, George C., assignor to A. B. Chance Company, Centralia, Mo. Drivehead grounding rod. 2,547,176, Apr. 3.
Salmont, André J. O. A., assignor to Z. W. Salmont, East Syracuse, N. Y. Automatic control of machinery or other devices. 2,554,124, May 22.
Salmont, Zita W., assignee: *See*—
Salmont, André J. O. A.
Salneu, George C., Havertown, Pa. Socket for electric discharge lamps. 2,561,954, July 24.
Salo, Paul W., and L. J. Huber, Minneapolis, Minn., assignors to General Mills, Inc. Preparation of baking mixes. 2,555,902, June 5.
Salomon, François M. M. B., Paris, France, vested in the Attorney General of the United States. Oscillations reducing device. 2,548,911, Apr. 17.
Saloschin, Robert L., New York, N. Y. Aircraft flight determining instrument. 2,546,836, Mar. 27.
Salsbury Corporation, assignee: *See*—
Salsbury, Esley F.
Salsbury, Esley F., Los Angeles, Calif., assignor to Salsbury Corporation. Automatically variable vehicle power transmission. 2,543,337, Feb. 27.
Salsbury, Jason M.: *See*—
Phelps, Richard L., and Salsbury.
Salstrom, Arthur W., Mount Vernon, N. Y. Paint spraying device. 2,560,745, July 17.
Salt, Francis E.: *See*—
Highet, Hugh C., and Salt.
Salter, George, and Company Limited, assignee: *See*—
Bird, John.
Salter, H. B., Mfg. Co., assignee: *See*—
Wagner, Cletus P.
Wagner, Cletus P., and Holycross.
Salter, Ludwig L., assignor to De Laval Steam Turbine Company, Trenton, N. J. Turbine drive. 2,567,581, Sept. 11.
Salter Machine Co., assignee: *See*—
Emmons, William J., and Gallagher.
Salter, Shirly C.: *See*—
Cook, James M., Lang and Salter.
Salton, Lewis L., New York, N. Y. Warming tray. 2,563,875, Aug. 14.
Salton, Ruth F., New York, N. Y. Mobile heated tray. 2,563,874, Aug. 14.
Saltzberg, Jack, Los Angeles, Calif. Rotary fire-bowl barbecue stove. 2,573,988, Nov. 6.
Saltzman, Shepard S., New York, N. Y., and C. T. Sullivan, Greenville, S. C., assignors to Simplon Cuff Corporation, New York, N. Y. Cuffed sleeve and making the same. 2,537,160, Jan. 9.
Salvador, Fernand, Marseille, France. Electric crucible. 2,536,229, Jan. 2.
Salvaneschi, Pino, Mexico City, Mexico. Apparatus and method for molding tubes from cementitious material. 2,569,538, Oct. 2.
Salvesen, Jörgen R., Wausau, Wis., and C. Harmon, Springfield, Mass., assignors to Marathon Corporation, Rothschild, Wis. Lignin compounds and making same. 2,576,418, Nov. 27.
Salvin, Victor S.: *See*—
Hart, William J., and Salvin.
Salvin, Victor S., Irvington, and J. R. Adams, Jr., Summit, N. J., assignors to Celanese Corporation of America. Acid-fading inhibition using dibenzylethylenediamine. 2,546,167, Mar. 27.
Salvin, Victor S., Irvington, and J. R. Adams, Jr., Summit, N. J., assignors to Celanese Corporation of America. Emulsion process. 2,546,169, Mar. 27.
Salvin, Victor S., Irvington, and J. R. Adams, Jr., Summit, N. J., assignors to Celanese Corporation of America, New York, N. Y. 2-nitrodiphenylamine-4-sulfonmorpholides. 2,569,694, Oct. 2.
Salvin, Victor S., Irvington, and J. R. Adams, Jr., Summit, N. J., assignors to Celanese Corporation of America, New York, N. Y. 1-amino-2,3-dicyano-4-oxyalkylamino anthraquinones and preparing the same. 2,573,732, Nov. 6
Salvin, Victor S., Irvington, and J. R. Adams, Jr., Summit, N. J., assignors to Celanese Corporation of America, New York, N. Y. Production of anthraquinone dyestuffs. 2,573,733, Nov. 6.
Salvin, Victor S., Irvington, and J. R. Adams, Jr., Summit, N. J., assignors to Celanese Corporation of America, New York, N. Y. Producing 1-amino-2,3-dicyano-4-oxyalkylamino anthraquinones. 2,573,811, Nov. 6.
Salvin, Victor S., Irvington, and W. J. Hart, Dover, N. J., assignors to Celanese Corporation of America. Spray-dried dyestuff powders comprising lignin sulfonate. 2,574,597, Nov. 13.

Salwin, John M., Detroit, Mich., assignor to Tucker Corporation, Chicago, Ill. Engine mounting for automobiles. 2,538,214, Jan. 16.
Salz, Robert, Hollywood, assignor to Highland Art Embroidery Company, Pasadena, Calif. Embroidery aid and frame. 2,575,470, Nov. 20.
Salzberg, Bernard, Washington, D. C. Modulation circuit. 2,537,092, Jan. 9.
Salzberg, Bernard, Washington, D. C. Modulation. 2,549,855, Apr. 24.
Salzberg, Paul L.: *See*—
Pratt, Burt C., and Salzberg.
Sam, Sam W.: *See*—
Victor, Samuel.
Samaras, Nicholas N. T. Longmeadow, Mass, assignor to Monsanto Chemical Company, St. Louis, Mo. Stabilization of polymethylene ethyl methyl ketone with resorcinol disalicylate. 2,554,060, May 22.
Samaras, Nicholas N. T., Monson, Mass., assignor to Monsanto Chemical Company, St. Louis, Mo. Aluminum articles coated with heat-sealable composition. 2,566,536, Sept. 4.
Samcoe Holding Corporation, assignee: *See*—
Butterworth, Harry W., Jr., S. and M. Cohn, and Walter.
Samel, Emanuel, Denville, N. J. Upholstery spring construction. 2,577,812, Dec. 11.
Samel, Emanuel, Denville, N. J. Cord attachment means for upholstery spring. 2,577,813, Dec. 11.
Samel, Ruth, and M. Wotzilka, assignor to E. Norland, London, England. Dyeing, bleaching, and treating living hair. 2,577,921, Dec. 11.
Samer, L. Ray, assignee: *See*—
Jones, Judson C.
Samer, Thelma M., assignee: *See*—
Jones, Judson C.
Samide, Joseph F., Cleveland, Ohio. Rain pipe trap. 2,554,797, May 29.
Samiran, David, Dayton, Ohio. Continuous flow single point fuel servicing system for aircraft. 2,556,221, June 12.
Samiran, David, Fort Wayne, Ind. Float valve for fuel systems. 2,578,745, Dec. 18.
Sammis, Louis B., and R. L. Keck, Wallace, Calif. Apparatus for processing olives. 2,577,273, Dec. 4.
Sammons, Herbert, Gerrards Cross, and L. F. Hall, assignors to D. Napier & Son Limited, London, England. Internal-combustion engine operated on the two-stroke cycle. 2,573,989, Nov. 6.
Sammons, John D., Orla, assignor of one-half to R. E. Cunningham, El Paso County, Tex. Guided jaw nippers. 2,564,817, Aug. 21.
Sammy, John L., Gary, Ind. Custard dispenser. 2,560,664, July 17.
Samothrakis, Antonios G., Brooklyn, N. Y. Spring device. 2,563,423, Aug. 7.
Sampietro, Achilles C., assignor of one-half to D. R. Robertson Limited, London, England. Torque-transmitting coupling. 2,563,424, Aug. 7.
Sample, Basil S.: *See*—
Loveless, Boyd B., Alhand, and Sample.
Sampson, Earl W., Boston, Mass. Sewing machine needle guard. 2,541,549, Feb. 13.
Sampson, Frederick S., Saugus, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Electrical conductor installation and fastener therefor. 2,551,970, May 8.
Sampson, Frederick W., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Steering wheel having built-in electric switch. 2,555,510, June 5.
Sampson, Frederick W., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Freezing tray. 2,573,066, Oct. 30.
Sampson, Frederick W., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Constant velocity universal joint. 2,574,226, Nov. 6.
Sampson, Frederick W., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Windshield wiper. 2,574,294, Nov. 6.
Sampson, Frederick W., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Freezing tray. 2,574,662, Nov. 13.
Sampson, Frederick W., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Ice tray. 2,574,663, Nov. 13.
Sampson, Frederick W., Dayton, Ohio, and G. J. Hyde, Brooklyn, N. Y., assignors to General Motors Corporation. Trigger and sear mechanism. 2,539,554, Jan. 30.
Sampson, Frederick W., and P. A. Norris, Dayton, Ohio, assignors to General Motors Corporation, Detroit, Mich. Forming dish-shaped resinous articles. 2,541,297, Feb. 13.
Sampson, Frederick W., Dayton, Ohio, and G. J. Hyde, Brooklyn, N. Y., assignors, by mesne assignments, to the United States of America as represented by the Secretary of War. Firing mechanism for submachine guns. 2,548,622, Apr. 10.
Sampson, Lyle B., East Leroy, Mich. Apparatus for harvesting onions. 2,579,013, Dec. 18.
Sampson, Merritt B., assignor to The S-P Manufacturing Corporation, Cleveland, Ohio. High-speed rotating cylinder. 2,577,858, Dec. 11.
Sampson, Richard H., Plainfield, N. J., assignor to International Business Machines Corporation, New York, N. Y. Record controlled alphabetic printing machine. 2,577,092, Dec. 4.
Sampson, Robert W., Wilmington, Del., assignor to Sampson Rubber Products Corporation of Delaware. Pneumatic cushion. 2,577,274, Dec. 4.
Sampson Rubber Products Corporation of Delaware, assignee: *See*—
Sampson, Robert W.
Sampson, William E., Lequire, Okla. Device for fastening metal roof to buildings. 2,574,937, Nov. 13.
Sams, Herbert W., Atlanta, Ga., assignor to Scripto, Inc. Mechanical pencil. 2,564,727, Aug. 21.
Samsing, Rolf A., Dorchester, Mass. Collapsible carton. 2,545,589. Mar. 20.
Samsing, Rolf A., Dorchester, assignor to Associated Folding Box Co., South Boston, Mass. Box blank and box. 2,553,870, May 22.
Samsioe, Frey: *See*—
Tham, Percy H., and Samsioe.
Samsky, Abraham, Detroit, Mich. Stock cutting dowel forming tool. 2,545,931, Mar. 20.
Samson, Blennard and W. C., Dunedin, Otago, New Zealand. Method of and apparatus for making concrete roofing tiles or the like. 2,577,275, Dec. 4.
Samson, Joseph, and H. Masonek, San Francisco, Calif. Spray control attachment for shower fixtures. 2,539,976, Jan. 30.
Samson, Otto A.: *See*—
Anderson, Henry W., Samson, and Clark.
Samson United Corporation, assignee: *See*—
Thomas, William.
Samson, William C.: *See*—
Samson, Blennard and W. C.
Samuel, Arthur L., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. High-voltage pulse generator. 2,537,862, Jan. 9.
Samuel, Leo, Somerville, N. J. Safety switch for liquid cooled engines. 2,574,192, Nov. 6.
Samuel, Robert L., New Eltham, England, assignor to Diffusion Alloys Corporation. Coating ferrous metal and heat pack mixture therefor. 2,536,774, Jan. 2.
Samuels, Abe O., Bridgeport, Conn., assignor, by mesne assignments, to Maryland Devices, Inc., Baltimore, Md. Fire extinguisher. 2,574,890, Nov. 13.
Samuels, Dennis E.: *See*—
Isaacs, George G., and Samuels.
Samuels, Harold L., New York, N. Y. Sound-illustrated book. 2,546,680, Mar. 27.
Samuelson, Henry: *See*—
Eichholz, Arthur H., and Samuelson.
Sana, Narodni P., assignee: *See*—
Stejskal, Frantisek.
Sanborn, Arthur H., Chicago, Ill. Clockwork mechanism. 2,556,110, June 5.
Sanborn Company, assignee: *See*—
Miller, Arthur.
Sanborn, Frank E., assignor to The Dole Valve Company, Chicago, Ill. Valve actuating mechanism. 2,545,632, Mar. 20.
Sandborn, Lloyd T., Crossett, Ark., assignor to Crossett Lumber Company. Recovery of medicinal creosote. 2,573,990, Nov. 6.
Sanborn, William L., Milwaukee, Wis. Steam and combustion products generator with expansion means to dry the steam. 2,568,662, Sept. 18.
Sanchez, Guillermo, Warren, Ohio. Parallel rule. 2,573,611, Oct. 30.
Sanchis, Jose, Newark, N. J. Air conditioning device. 2,560,372, July 10.
San Cristóval, Augusto, Lima, Peru. Razor blade sharpening device. 2,566,909, Sept. 4.
Sand, Frank F., Detroit, Mich. Spirit level. 2,562,127, July 24.
Sandå, Bror E.: *See*—
Heijmer, Gustaf Bristol, Sandå, and Trobeck.
Sandager, William, Jr., Wayland, assignor to Waltham Screw Company, Waltham, Mass. Instrument support. 2,551,971, May 8.
Sandberg, Nels, Alamo, N. Dak. Grain drill depth control. 2,554,061, May 22.
Sandberg, Oscar, Defiance, Ohio, assignor to Lynch Corporation. Wrapping machine for sandwiches and the like. 2,567,405, Sept. 11.
Sandberg, Oscar, Toledo, Ohio, assignor to Lynch Corporation, Anderson, Ind. Wrapping machine. 2,553,871, May 22.
Sandberg, Oscar, Toledo, Ohio, assignor to Lynch Corporation, Anderson, Ind. Package wrapping mechanism. 2,578,948, Dec. 18.
Sandberg, Ray A., Waukegan, Ill., assignor to Houdaille-Hershey Corporation, Detroit, Mich. Straight pull brake lever structure. 2,543,509, Feb. 27.
Sandberg, Ray A., Waukegan, Ill., assignor to Houdaille-Hershey Corporation, Detroit, Mich. Straight pull brake lever assembly. 2,543,510, Feb. 27.
Sandberg, Ray A., Waukegan, Ill., assignor to Houdaille-Hershey Corporation, Detroit, Mich. Steering and ignition lock. 2,553,790, May 22.
Sandberg, Ray A., Waukegan, Ill., assignor to Houdaille-Hershey Corporation, Detroit, Mich. Filter cartridge container. 2,578,020, Dec. 11.

Sandberg, Ray A., Waukegan, Ill., assignor to Houdaille-Hershey Corporation, Detroit, Mich. Making a locking ring and plate assembly. 2,578,021, Dec. 11.
Sandberg, Ray A., and E. J. Van Sickel, Waukegan, Ill., assignors to Houdaille-Hershey Corporation, Detroit, Mich. Cutting tool. 2,564,451, Aug. 14.
Sandberg, Robert N., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Ammunition container. 2,573,774, Nov. 6.
Sandberg, Robert W.: *See*—
Green, Barrett K., and Sandberg.
Sandberg, Stig C. G., Jonkoping, Sweden. Dishwashing machine. 2,573,067, Oct. 30.
Sandblast, L. B., assignee: *See*—
Kufner, Fred.
Sandebond Patents, Inc., assignee: *See*—
Sanford, Hugh W., and Biddle.
Sandee Manufacturing Company, assignee: *See*—
Szantay, Elmer.
Sandell, Beatrice E.: *See*—
Sandell, George E. and B. E.
Sandell, George E. and B. E., Hollywood, Calif. Water glass and cup washer. 2,556,003, June 5.
Sander, Frank V., Milwaukee, Wis., assignor to Ortho Pharmaceutical Corporation. Spermicidal composition. 2,541,103, Feb. 13.
Sander, Vernon A., assignor to W. N. Matthews Corporation, St. Louis, Mo. Current limiter system. 2,565,631, Aug. 28.
Sanders, Elmore J., San Gabriel, Calif., assignor to Evans Products Company, Plymouth, Mich. Temperature control for cooling internal-combustion engines. 2,553,214, May 15.
Sanders, Everett R. and M. M., Kansas City, Mo. Stock feed trough. 2,571,490, Oct. 16.
Sanders, Herbert L.: *See*—
Ayo, Jackson J., Gajewski, and Sanders.
Sanders, Joseph L.: *See*—
Sanders, Morris and J. L.
Sanders, Judson H., Wyoming, assignor to The Procter & Gamble Company, Cincinnati, Ohio. Continuous bleaching process. 2,555,098, May 29.
Sanders, Lewis M., Chicago, Ill. Plate-glass door construction. 2,557,568, June 19.
Sanders, Louis, Clifton, and C. Paff, Garfield, N. J. Liquid applicator. 2,547,287, Apr. 3.
Sanders, Maudie M.: *See*—
Sanders, Everett R. and M. M.
Sanders, Morris and J. L., Rochelle Park, N. J. Drafting machine. 2,536,142, Jan. 2.
Sanders, Paul A., Wilmington, and J. R. Vincent, Newport, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Chlorobutadiene polymers having improved resistance to the deteriorating effects of heat and light. 2,538,047, Jan. 16.
Sanders, Philip F., Lansdowne, Pa., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Coated electrical conductor and making same. 2,567,162, Sept. 4.
Sanders, Philip F., Lima, Pa., assignor to E. I. du Pont de Nemours and Company, Wilmington, Del. Coating an inorganic fabric with polytetrafluoroethylene and product resulting therefrom. 2,539,329, Jan. 23.
Sanders, Ray L., Deerfield, assignor to Admiral Corporation, Chicago, Ill. Connector. 2,542,579, Feb. 20.
Sanders, Robert W., Fort Wayne, Ind., assignor, by mesne assignments, to Farnsworth Research Corporation. Oscillator converter. 2,543,067, Feb. 27.
Sanders, Robert W., Fort Wayne, Ind., assignor, by mesne assignments, to Farnsworth Research Corporation. Television synchronizing circuit. 2,571,168, Oct. 16.
Sanders, Royden C., Jr., Chestnut Hill, Newton, and W. R. Mercer, Belmont, assignors to Raytheon Manufacturing Company, Newton, Mass. Calibrator. 2,573,734, Nov. 6.
Sanders, Rufus C.: *See*—
Bradley, Stephen D., and Sanders.
Sanders, Walter F.: *See*—
Stevens, Clifton C., and Sanders.
Sanders, Wilburn C., Grandview, Tex. Gas by-pass for storage tank gauging pipes. 2,547,344, Apr. 3.
Sanderson, Albert K., Welwyn Garden City, England, assignor to Imperial Chemical Industries Limited. Heat stabilization of vinyl polymers and copolymers. 2,557,474, June 19.
Sandin, Edward U.: *See*—
Nearing, Allan B., and Sandin.
Sandin, Jerome: *See*—
Jones, Charles L., and Sandin.
Sandin, Jerome, Forest Hills, and T. Lindstrom, Edgewood, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Circuit breaker. 2,546,016, Mar. 20.
Sandin, Jerome, Forest Hills, and H. L. Rawlins, Pittsburgh, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Circuit breaker. 2,575,730, Nov. 20.
Sandler, Joseph B., Flushing, N. Y. Hot-water heater. 2,571,949, Oct. 16.
Sandler, William, New York, N. Y. Nonrefillable bottle cap and spout. 2,577,980, Dec. 11.
Sandlie, Bernhart P., Malta, Mont. Haircutting attachment for electric razors. 2,547,288, Apr. 3.
Sandlin, Alfred V., Corpus Christi, Tex. Magnetic chip collector for grinders. 2,549,529, Apr. 17.
Sandman, Eli, Worcester, and E. R. Sykes, Paxton, assignors to Eli Sandman Co., Worcester, Mass. Buff. 2,556,044, June 5.
Sandman, Eli, Co., assignee: *See*—
Sandman, Eli, and Sykes.
Sandor, Ralph, Passaic, N. J. Telephone dial attachment. 2,558,585, June 26.
Sandoval, John P.: *See*—
Rich, Barrett G., Sandoval, and Valentine.
Sandoz A. G., assignee: *See*—
Kartaschoff, Valentin.
Kartaschoff, Valentin, and Merian.
Rheiner, Alfred, and Hagenbuch.
Ruckstuhl, Hans, Senn, and Wehrli.
Von Allmen, Samuel, Gutzwiller, and Günthart.
Wiazmitinow, Alexis, and Goorhuis.
Sandoz Limited, assignee: *See*—
Jaccard, Gaston.
Kartaschoff, Valetin.
Kartaschoff, Valentin, and Merian.
Knecht, Oscar, and Ischer.
Neier, Reinhard, and Wehrli.
Rheiner, Alfred, and Hemmi.
Steinemann, Willy.
Von Allmen, Samuel, and Eggenberger.
Sands, Charles, Kenyon, Minn. Grease gun filler with spring biased expansible follower. 2,545,531, Mar. 20.
Sands, Charles L., Newton, assignor of one-half to C. R. Tucker, East Orange, N. J. Air lock work clamp. 2,544,356, Mar. 6.
Sands, Cora B., assignee: *See*—
Coumerilh, John W., and Lee.
Sands, Edward F., Jr., St. Paul, Minn. Toy airplane construction. 2,551,340, May 1.
Sands, Hillard J.: *See*—
Blanke, Nathan E., and Sands.
Sands, Hillard J., and N. E. Blanke, assignors to The Harvard Manufacturing Company, Cleveland, Ohio. Swing hinge. 2,579,206, Dec. 18.
Sands, William F., Haddonfield, N. J., assignor to Radio Corporation of America. Frequency modulation receiver. 2,539,637, Jan. 30.
Sands, William F., Haddonfield, N. J., assignor to Radio Corporation of America. High-frequency strap-wound coils. 2,543,940, Mar. 6.
Sands, William F., Haddonfield, N. J., assignor to Radio Corporation of America. Variable permeability tuning system. 2,555,511, June 5.
Sands, William F., Haddonfield, N. J., assignor to Radio Corporation of America. Wide range permeability system. 2,561,537, July 24.
Sandula, Stanley F., Chicago, Ill. Machine-tool attachment. 2,566,145, Aug. 28.
Sandvik Steel, Inc., assignee: *See*—
Mittelmann, Eugene.
Sandvikens Jernverks Aktiebolag, assignee: *See*—
Hård af Segerstad, Carl G.
Sandwell, Percy R., Vancouver, British Columbia, Canada. Antisurge valve for hydraulic wood grinders. 2,538,383, Jan. 16.
Sandwich R. V. Pump Co., assignee: *See*—
Parks, Arthur S., and Chandler.
Sandy Hill Iron & Brass Corporation, The, assignee: *See*—
Fasoli, Paul A.
Lowe, Allen A.
Sandy Hill Iron & Brass Works, The, assignee: *See*—
Fasoli, Paul A.
Sandy, James J.: *See*—
Christensen, William E., Smith, and Sandy.
Saner, William R., Plainfield, N. J., assignor to E. I. du Pont de Nemours and Company, Wilmington, Del. Polymeric compounds. 2,564,726, Aug. 21.
Sanford, Donald S.: *See*—
Kahn, Leonard R., and Sanford.
Sanford, Hugh W., Knoxville, Tenn., assignor to The Sanford Investment Company, Wilmington, Del. Wide frame mine car. 2,548,395, Apr. 10.
Sanford, Hugh W., Knoxville, Tenn., assignor to The Sanford Investment Company, Wilmington, Del. Mine car. 2,558,391, June 26.
Sanford, Hugh W., Knoxville, Tenn. Valve. 2,569,023, Sept. 25.
Sanford, Hugh W., Knoxville, Tenn., assignor to The Sanford Investment Company, Wilmington, Del. Mine car sealing device. 2,577,040, Dec. 4.
Sanford, Hugh W., and W. P. Biddle, Jr., assignors to Sandebond Patents, Inc., Knoxville, Tenn. Magazine feed stove. Re. 23,319, Jan. 2.
Sanford, Hugh W., and J. F. Baker, Knoxville, Tenn., assignors to The Sanford Investment Company, Wilmington, Del. Wheel and axle seal. 2,573,735, Nov. 6.
Sanford Investment Company, The, assignee: *See*—
Jones, Robert E.
Sanford, Hugh W.
Sanford, Hugh W., and Baker.
Sanford, Roy S., assignee: *See*—
Casler, Roger H.
Sanford, Roy S., Woodbury, assignor to The Autoyre Company, Incorporated, Oakville, Conn. Fixture. 2,561,821, July 24.

Sangamo Electric Co., assignee: *See*—
Downing, William C., Jr., Eggleston, and Vanderleck.
Kurz, Fred.
Lovegrove, Henry J., and McBride.
Vanderleck, James M.
Sanger, John J., San Angelo, Tex., and H. G. Poague, Kenosha, Wis. Vehicular loading and unloading conveyer mechanism. 2,556,399, June 12.
Sanger, Norman H., Chicago, Ill. Chance controlled ball game apparatus. 2,562,822, July 31.
Sanguin, Wayne C., and K. H. Miller, Hugo, Okla. Machine for rolling and storing large canvas tents, tarpaulins, and the like. 2,536,571, Jan. 2.
Sanick, Ivar H., Stockholm, Sweden. Lowering the electrical resistance of soils and of electrode-to-soil contacts. 2,558,159, June 26.
Sanitary Cushion Company, assignee: *See*—
Barton, Thomas K.
Sanitary Metal Products Company, assignee: *See*—
Olsen, Wesley A.
Sanitary Products Corporation, assignee: *See*—
Parish, Frank P.
Sanitary Scale Company, assignee: *See*—
Kauffman, Albert J.
Sanjo Utility Manufacturing Co., assignee: *See*—
Schwartz, William.
Sankey, Charles A.: *See*—
Fisher, John H., and Sankey.
Marshall, Harry B., and Sankey.
Sankey-Sheldon Limited, assignee: *See*—
Weller, Jack.
San Lorenzo Nursery Company, assignee: *See*—
Shinoda, Daniel S.
Sanmori, Roger L. J.-B., Monaco, Monaco. Fluid brake system for vehicles. 2,538,274, Jan. 16.
Sanmori, Roger L. J. B., Monaco, Monaco. Vehicle door. 2,551,054, May 1.
Sanmyer Corporation: *See*—
Senninger, Earl J.
Sansa Enterprises: *See*—
Lent, Edward B.
Sansbury, Thomas B., Orlando, Fla. Mechanical hand. 2,537,551, Jan. 9.
Sansonetti, Raymond F.: *See*—
Petersen, Elmer W., and Sansonetti.
Santa, Antonio, Turin, Italy. Elastic fastening means for spectacle lenses. 2,575,731, Nov. 20.
Santaniello, Robert M.: *See*—
Davis, Hyman R., and Santaniello.
Santarelli, Eda and J. E., Kirksville, Mo. Holder for darning socks. 2,553,115, May 15.
Santarelli, Joseph E.: *See*—
Santarelli, Eda and J. E.
Santarelli, Vincent, Detroit, Mich. Sprayer. 2,569,903, Oct. 2.
Santay Corporation, assignee: *See*—
White, Paul F.
Wood, James E.
Santini, Danilo, Tenafly, A. Nelson, Hillsdale, and J. Suozzo, North Arlington, N. J., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Elevator system having accelerated response for priority floor calls. 2,565,632, Aug. 28.
Santini, Danilo, Tenafly, P. C. Keiper, Shrewsbury, and W. H. Esselman, Cranford, N. J., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Automatic bank of elevator cars. 2,573,932, Nov. 6.
Santini, Danilo, Tenafly, and A. M. Nelson, Hillsdale, and J. Suozzo, North Arlington, N. J., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Zoned elevator system. 2,575,732, Nov. 20.
Santoni, Ermenegildo, Florence, Italy. Projection photogrammetric plotting apparatus. 2,574,213, Nov. 6.
Santoni, Ermenegildo, assignor to Societa per Azioni Officine Galileo, Florence, Italy. Shutter device of the lamellar type for cameras, aerial cameras, survey cameras, and the like. 2,578,604, Dec. 11.
Santrey, Adell, New York, N. Y. Window holding spring. 2,548,396, Apr. 10.
Santucci, Lawrence F., and J. S. Showalter, Buffalo, N. Y., assignors to Curtiss-Wright Corporation. Sliding cockpit enclosure for aircraft. 2,544,397, Mar. 6.
Sapin, Bernard, New York, N. Y. Knit fabric with scalloped edge. 2,564,282, Aug. 14.
Saponara, Domenick, Spring City, assignor to Floyd Wells Company, Royersford, Pa. Airation plate. 2,540,914, Feb. 6.
Sapphire Hosiery Corporation, assignee: *See*—
Goodison, Ralph H.
Saqui, David S., Detroit, Mich. Counting device. 2,544,900, Mar. 13.
Sarafian, Karl: *See*—
Hessler, Arthur F., Boretti, and Sarafian.
Saran Research Corporation, assignee: *See*—
Schwartz, Nathan R.
Sarbach, Donald V., Cuyahoga Falls, and G. P. Loomis, Silver Lake, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y. Blend of isoolefin-diolefin and polychloroprene synthetic rubbers for adhering isoolefin-diolefin rubber to other materials. 2,541,550, Feb. 13.
Sarchet, Thomas H., Spokane, Wash. Baking apparatus. 2,559,801, July 10.
Sarett, Ben L., assignee: *See*—
Baker, Dwight L.
Sarett, Lewis H., Princeton, assignor to Merck & Co., Inc., Rahway, N. J. 11-ketopregnenes and producing them. 2,540,964, Feb. 6.
Sarett, Lewis H., Princeton, assignor to Merck & Co., Inc., Rahway, N. J. 17(α)-hydroxy-20-ketosteroids and process. 2,541,104, Feb. 13.
Sarett, Lewis H., Princeton, assignor to Merck & Co., Inc., Rahway, N. J. 17-(α)-hyroxy-20-keto-pregnane compounds and preparing the same. 2,541,105, Feb. 13.
Sarett, Lewis H., Princeton, assignor to Merck & Co., Inc., Rahway, N. J. Pregnane derivatives and process. 2,541,106, Feb. 13.
Sarett, Lewis H., Princeton, assignor to Merck & Co., Inc., Rahway, N. J. Osmate esters of 20-cyanopregnanes and process. 2,541,439, Feb. 13.
Sarett, Lewis H., Princeton, assignor to Merck & Co., Inc., Rahway, N. J. Δ^{17}-20-cyano-pregnene compounds and preparing them. 2,558,784, July 3.
Sarett, Lewis H., Princeton, assignor to Merck & Co., Inc., Rahway, N. J. 20-cyanopregnenes and process. 2,558,785, July 3.
Sarett, Lewis H., Princeton, assignor to Merck & Co., Inc., Rahway, N. J. Pregnane 20-cyanohydrins. 2,558,786, July 3.
Sarge, Theodore W., assignor to the Dow Chemical Company, Midland, Mich. Polymerizing phenol-containing vinylidene chloride. 2,553,982, May 22.
Sarge, Theodore W., and H. L. Schaefer, assignors to The Dow Chemical Company, Midland, Mich. Controlling the dissipation of normally solid, volatile organic insecticides. 2,572,669, Oct. 23.
Sargent Company, The, assignee: *See*—
Sargent, Edgar H., and Wadsworth.
Sargent, Donald E., Easton, Pa., assignor to General Aniline & Film Corporation, New York, N. Y. Voltaic cell. 2,554,447, May 22.
Sargent, Donald E., Easton, Pa., assignor to General Aniline & Film Corporation, New York, N. Y. Polymerization of N-vinyl compounds. 2,560,251, July 10.
Sargent, Donald E., Easton, Pa., assignor to General Aniline & Film Corporation, New York, N. Y. Polyvinyl alcohol gels. 2,571,706, Oct. 16.
Sargent, Donald E., Easton, Pa., assignor to General Aniline & Film Corporation, New York, N. Y. Polyvinyl alcohol gels. 2,580,362, Dec. 25.
Sargent, Donald E., and G. W. Pedlow, Jr., Easton, Pa., assignors to General Aniline & Film Corporation, New York, N. Y. Reduction of nitroaryl compounds. 2,570,866, Oct. 9.
Sargent, Earl O., Des Moines, Iowa. Preparing dried molasses. 2,556,111, June 5.
Sargent, Edgar H., Cedar Rapids, and J. B. Wadsworth, Council Bluffs, assignors to The Sargent Company, Cedar Rapids, Iowa. Plural wire butter cutter. 2,550,166, Apr. 24.
Sargent, Frank T., Clio, Mich. Trailer hitch. 2,544,185, Mar. 6.
Sargent & Greenleaf, Inc., assignee: *See*—
Eiffert, Otto H., and Thomas.
Sargent, Herbert: *See*—
Ladd, Elbert C., and Sargent.
Sargent, Richard B., Erdenheim, assignor to Hale Fire Pump Co., Conshohocken, Pa. Proportioning device. 2,543,941, Mar. 6.
Sargisson, Robert L.: *See*—
Henrikson, Oscar W., and Sargisson.
Sargrove Electronics Limited, assignee: *See*—
Sargrove, John A.
Sargrove, John A., Shepperton-on-Thames, assignor of one-half to Sargrove Electronics Limited, Tolworth, England. Apparatus for metallizing articles. 2,570,600, Oct. 9.
Sarioni Company, Inc., assignee: *See*—
Curioni, Aldo R.
Sarjeant, Ralph L., London, England, assignor to Shell Development Company, San Francisco, Calif. Sampling and gauging head for tanks. 2,568,415, Sept. 18.
Sarlo, Tony, Pueblo, Colo. Automobile storage compartment accessory. 2,549,018, Apr. 17.
Sarnac, Stephen S., Fayette, Ohio. Wheel suspension for vehicles. 2,542,363, Feb. 20.
Särnö, Bo, and A. Lindberg, Stockholm, assignors to Allmanna Svenska Elektriska Aktiebolaget, Vasteras, Sweden. Electric warming element. 2,569,340, Sept. 25.
Sarnoff, David, New York, N. Y., assignor to Radio Corporation of America. Early warning relay system. 2,571,386, Oct. 16.
Sarosdy, Louis J., assignor to Blaw-Knox Company, Pittsburgh, Pa. Charging and discharging mechanism for mixers. 2,572,058, Oct. 23.
Sarosdy, Louis J., assignor to Blaw-Knox Company, Pittsburgh, Pa. Bucket for transporting concrete or the like. 2,577,922, Dec. 11.
Saroyan, John R.: *See*—
Pitre, Antonio S., and Saroyan.
Sartain, Don M., Marion, N. C. Combination bumper and license tag holder. 2,558,880, July 3.
Sartakoff, Jack D., Douglaston, assignor of one-fourth to R. Seligman, New York, N. Y. Electroosmotic isolation of streptomycin. 2,547,231, Apr. 3.
Sartor, Albin F.: *See*—
Appleby, Walter G., and Sartor.

Sartoretto, Paul A., New York, N. Y., assignor to W. A. Cleary Corporation. Killing weeds and the materials used therein. 2,545,431, Mar. 13.
Sartorius, A., & Co. Inc., assignee: *See*—
Nardone, Dante J.
Sartorius, William, Summit, assignor to Colgate-Palmolive-Peet Company, Jersey City, N. J. Cooling of spray-dried soap products. 2,544,616, Mar. 6.
Sarver, Emmett F., assignor, by mesne assignments, to J. R. Dunnihoo, Erie, Pa. Valve. 2,552,384, May 8.
Sarvie, Walter, Alexandria, Minn. Actuating and locking means for the handles of plier type tools. 2,539,865, Jan. 30.
Sarvie, Walter, Alexandria, Minn. Shank grip slidable jaw wrench. 2,574,227, Nov. 6.
Sasgen, Anthony M., Chicago, and F. P. Hopfeld, Elmwood Park, assignors to Grand Specialties Company, Chicago, Ill. Screw-actuated vise having releasable nut for quickly opening or closing the jaws. 2,546,906, Mar. 27.
Sasgen, Anthony M., Chicago, and F. P. Hopfeld, Elmwood Park, assignors to Grand Specialties Company, Chicago, Ill. Hand truck with elevator platform. 2,560,131, July 10.
Sasgen Derrick Co., assignee: *See*—
Benson, Jesse M.
Sasgen, Matthias F.
Sasgen, Matthias F., assignor to Sasgen Derrick Co., Chicago, Ill. Winch, hoist, and the like. 2,561,138, July 17.
Sasgen, Matthias F., River Forest, assignor to Sasgen Derrick Co., Chicago, Ill. Winch, hoist, and the like. 2,561,139, July 17.
Saslaw, Otto, Red Bank, N. J., assignor to Vickers Incorporated, Detroit, Mich. Semiconductive cell. 2,555,247, May 29.
Sasser, John D., assignor to The Steel Products Engineering Company, Springfield, Ohio. Feeding device. 2,541,616, Feb. 13.
Satam Societe Anonyme pour Tous Appareillages Mecaniques, assignee: *See*—
Rambert, Raymond L.
Sather, Ole, Jr., Velva, N. Dak. Tractor and implement seat. 2,536,572, Jan. 2.
Sativa Corporation, assignee: *See*—
Burkardt, Anton.
Sato, Takeo, Honolulu, T. H. Angle post shoring head. 2,537,863, Jan. 9.
Sato, Takeo, Honolulu, territory of Hawaii. Single locking wedge. 2,539,703, Jan. 30.
Sato, Takeo, Honolulu, territory of Hawaii. Reinforcing tying wire reel. 2,542,580, Feb. 20.
Sato, Takeo, Honolulu, territory of Hawaii. Adjustable post splicer. 2,563,556, Aug. 7.
Satori, Ari, New York, N. Y. Truss for treatment of inguinal rupture. 2,543,644, Feb. 27.
Satterfield, Isaac, Cedar Grove, N. C. Detachable chair bottom. 2,570,725, Oct. 9.
Satterlee, Percy, Detroit, Mich. Building wall construction. 2,552,346, May 8.
Sattler, George A., assignee: *See*—
Heckathorn, Loyd, and Rapp.
Sattler, Marie A., assignee: *See*—
Heckathorn, Loyd, and Rapp.
Satz, Frank, Mel Berns, and S. Sontag, Los Angeles, Calif. Axially slidable actuator for pivoted outlet element. 2,562,580, July 31.
Satz, William, Los Angeles, Calif. Strap guide for brief cases or the like. 2,555,820, June 5.
Saucier, Everald J., Hartford, Conn. Hair curler. 2,549,530, Apr. 17.
Saucier, Everald J., Hartford, Conn. Motor-driven hair curler or winder. 2,564,628, Aug. 14.
Saucke, Herman, New York, N. Y. Drill and saw machine. 2,549,934, Apr. 24.
Sauer, Curt, Detroit, Mich., assignor, by mesne assignments, to The Ohio Rubber Company, Willoughby, Ohio. Resilient mounting for motors and the like. 2,538,658, Jan. 16.
Sauer, Frederick, assignor to The Kilborn-Sauer Company, Fairfield, Conn. Dirigible searchlight for attachment to cab roofs and the like. 2,571,950, Oct. 16.
Sauer, George: *See*—
Reimer, George M., and Sauer.
Sauer, George V., assignor of one-half to M. Cerreta, Pittsburgh, Pa. Animated toy. 2,539,330, Jan. 23.
Sauer, John C.: *See*—
Handy, Carleton T., and Sauer.
Kalb, George H., and Sauer.
Sauer, John C., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Polymers of hexafluoropropene. 2,549,935, Apr. 24.
Sauer, Walter H., Fowler, Colo. Glare shield attachment for vehicle sun visors. 2,538,384, Jan. 16.
Sauerman, Ernst C., Chicago, Ill. Streamline feeding means in printing machines. 2,552,869, May 15.
Sauers, E. W., assignee: *See*—
Smith, David C.
Saul, James J., assignor to Reliable Electric Company, Chicago, Ill. Wire grip. 2,554,387, May 22.
Saul, Samuel, Jr., Pittsburgh, Pa., assignor to Reconstruction Finance Corporation, Cleveland, Ohio. Pallet rack. 2,577,276, Dec. 4.
Saul, Samuel, Jr., Pittsburgh, Pa., assignor to Reconstruction Finance Corporation, Cleveland, Ohio. Removable tray rack construction. 2,579,704, Dec. 25.
Saul, Tom W., Tucson, Ariz. Rail anchor means. 2,553,009, May 15.
Saul, Tom W., Tucson, Ariz. Railway rail mounting with tie shield. 2,553,010, May 15.
Saulino, Theodore, Newark, N. J. Injection molding apparatus. 2,571,766, Oct. 16.
Saulnier, Raymond, Paris, France. Removable roof for the cockpits of aircraft. 2,539,331, Jan. 23.
Saulnier, Raymond, Paris, France. Structure made of hollow shaped components and especially to aircraft wings. 2,543,709, Feb. 27.
Saulsberry, Jay L., Tucumcari, N. Mex. Faucet. 2,548,071, Apr. 10.
Saulsbury, Laforest S., assignee: *See*—
Freeman, Robert W.
Saums, Harry L., Muskegon, Mich., assignor to Anaconda Wire and Cable Company. Wire coating composition. 2,570,490, Oct. 9.
Saums, Harry L., J. H. Vail, and H. W. Sturgis, Muskegon, Mich., assignors to Anaconda Wire and Cable Company. Producing insulated magnet wire. 2,547,047, Apr. 3.
Saunders, Albert, Denham, England. Roller box tool for turret lathes. 2,554,640, May 29.
Saunders, Arthur, Norfolk, Va. Roasting device. 2,549,019, Apr. 17.
Saunders, Arthur B., Hollis, N. H. Cartridge dispenser. 2,542,842, Feb. 20.
Saunders, C. T., assignee: *See*—
Davis, William L.
Saunders, Cyril W.: *See*—
Shaw, John, and Saunders.
Saunders, Cyril W., assignor of one-half to Hull Merchants Amalgamated Box Company Limited, Dairycoates, Hull, England. Metal-lined crate. 2,560,989, July 17.
Saunders, Enos P., Berkley, Mich. Speed chuck. 2,571,621, Oct. 16.
Saunders, Francis J., Skokie, and A. I. Raymond, Northfield, assignors to G. D. Searle & Co., Skokie, Ill. Medicated suppositories and bases therefor. 2,538,127, Jan. 16.
Saunders, Frank S., Keynsham, near Bath, England. Pressure gauge. 2,540,176, Feb. 6.
Saunders, Frederick D., Haverford, Pa. Automobile jacking-up kit. 2,550,870, May 1.
Saunders, Guy L., Toronto, Ontario, Canada. Mine skip. 2,545,170, Mar. 13.
Saunders, Harold F., Shaker Heights, assignor to The Sherwin-Williams Co., Cleveland, Ohio. Detoxifying castor bean proteins. 2,547,980, Apr. 10.
Saunders, Leonard: *See*—
Coats, Arnold C., and Saunders.
Saunders, Michael F., Brooklyn, N. Y. Ink supplying apparatus. 2,542,711, Feb. 20.
Saunders, Norman B.: *See*—
Hobbs, Charles F., and Saunders.
Saunders, Norman B., Cambridge, Mass., assignor to the United States of America as represented by the Secretary of the Air Force. Circuit for distortion measurement. 2,561,234, July 17.
Saunders, Paul B., Jr., Aurora, Ill. Spring motor. 2,536,395, Jan. 2.
Saunders, Robert H., Oxford, Pa., assignor to Hercules Powder Company, Wilmington, Del. Preparation and pyrolysis of saturated acetals of crotonaldehyde. 2,573,678, Nov. 6.
Saunders-Roe Limited, assignee: *See*—
Hardy, Derek J.
Knowler, Henry, and Swain.
Nicholl, Edward J.
Pirie, Ronald A.
Saunders, Seymour G., Bloomfield Hills, assignor to Chrysler Corporation, Highland Park, Mich. Forming laminated articles. 2,562,641, July 31.
Saunders Valve Company Limited, assignee: *See*—
Trump, Arthur L.
Saunders, William R.: *See*—
Hull, David C., and Saunders.
Saunders-Knox-Gore, William A. C., Countess Wear, near Exeter, England. Portable structure having pivoted boxlike portions. 2,552,691, May 15.
Saunderson, Jason L., V. J. Caldecourt, and E. W. Peterson, Midland, Mich., assignors to The Dow Chemical Company. Photoelectric instrument for direct spectrochemical analysis by the internal standard method. 2,577,814, Dec. 11.
Saunderson, Jason L., V. J. Caldecourt, and E. W. Peterson, assignors to The Dow Chemical Company, Midland, Mich. Photoelectric instrument for direct spectrochemical analysis by the internal standard method. 2,577,815, Dec. 11.
Saupe, Edward B., deceased, Red Wing, Minn.; H. E. Saupe, administratrix, of said E. B. Saupe. Metal spray attachment. 2,563,072, Aug. 7.
Saupe, Hazel E., administratrix: *See*—
Saupe, Edward B.
Sauri, Guillermo E., Mexico City, Mexico. Automobile light control. 2,542,211, Feb. 20.
Sauter, Alfred H., Riverside, assignor to H. W. Crane Company, Chicago, Ill. Throwout device for door operators. 2,567,029. Sept. 4.

Sauter, Oscar W., Glendale, assignor to The H. I. Thompson Company, Los Angeles, Calif. Photographic drier. 2,548,824, Apr. 10.
Sautter, Herman R.: *See*—
Weiss, Karl, and Sautter.
Sauvagé, Fernand, Paris, France. Apparatus for projecting aerial images in high relief. 2,576,147, Nov. 27.
Sauvage, Léon F.: *See*—
Brun, Max A., and Sauvage.
Savage Arms Corporation, assignee: *See*—
Dunham, George W.
Stewart, Herbert A.
Savage-Barnett Tool Company, assignee: *See*—
Barnett, Elson T.
Savage, Leonard H., Grandville, assignor to J. P. Van Blooys, Grand Rapids, Mich. Cam making fixture. 2,572,395, Oct. 23.
Savage, Reuben T.: *See*—
Lassiat, Raymond C., and Savage.
Savage, Reuben T., Ridley Park, Pa., assignor to Houdry Process Corporation, Wilmington, Del. Process of and apparatus for converting hydrocarbon material. 2,548,912, Apr. 17.
Savage, Reuben T., Ridley Park, Pa., assignor to Houdry Process Corporation, Wilmington, Del. Apparatus for atomizing liquid material. 2,553,608, May 22.
Savage, Russell H.: *See*—
O'Connor, James J., Savage, and Schwalbe.
Savage, Vincent, Nutley, assignor to Smokador Manufacturing Co., Inc., Bloomfield, N. J. Ash receiver. 2,539,166, Jan. 23.
Savell, Walter L., Westport, Conn., assignor to Remington Rand Inc., New York, N. Y. Chemical recovery and control in the kraft pulp process. 2,574,193, Nov. 6.
Savickas, Anthony P., Boynton Beach, Fla. Bark scraping machine. 2,547,785, Apr. 3.
Saville, Earl E.: *See*—
Scholz, Herman A., and Saville.
Saville, Edwin N., Glendale, Calif. Extension attachment for bedrails. 2,555,610, June 5.
Savoy, Albert J., Attleboro, Mass. Annunciator torque tool. 2,557,695, June 19.
Savoy, Michael: *See*—
Bernard, George G., and Savoy.
Bond, Donald C., and Savoy.
Savoy, Michael, assignor to The Pure Oil Company, Chicago, Ill. Concentration of olefins. 2,561,822, July 24.
Savrda, Charles M., Bay Shore, N. Y., assignor, by mesne assignments, to Fish Machinery Corporation, Boston, Mass. Fish-filleting machine. 2,550,025, Apr. 24.
Savrin, Anna, New York, N. Y. Bib. 2,552,462, May 8.
Sawdy, Earl B., Howell, Mich., assignor to Eaton Manufacturing Company, Cleveland, Ohio. Split ring expanding implement. 2,562,128, July 24.
Sawens, Russel H.: *See*—
Steele, William R., and Sawens.
Sawner, Clifford D., Vernon Center, N. Y. Bait box. 2,544,049, Mar. 6.
Sawyer, Allan G., Brooklyn, and J. W. Burgess, City Island, N. Y., said Burgess assignor to said Sawyer. Paint can holder and brush wiper. 2,547,096, Apr. 3.
Sawyer, Athena F., San Benito, Tex. Beautician's device for retaining a head in a predetermined position. 2,545,313, Mar. 13.
Sawyer, Carl W.: *See*—
Handley, Robert W., and Sawyer.
Sawyer, Edna L., Stamford, and N. W. Marr, Springdale, Conn., assignors to American Cyanamid Company, New York, N. Y. Carburizing salt bath. 2,562,065, July 24.
Sawyer, Eugene, Benld, Ill. Grinder support attachment for main journals and the like without removal of the shaft. 2,574,228, Nov. 6.
Sawyer, Frank E., Salisbury, England. Trap for animals. 2,543,645, Feb. 27.
Sawyer, Fred A., Uniontown, Pa. Hollow baseboard heating and air conditioning. 2,567,789, Sept. 11.
Sawyer, Harold T., Seattle, Wash., assignor to Bailey Meter Company. Combustion brilliancy control system. 2,538,428, Jan. 16.
Sawyer, James G., Williamsville, assignor to Buffalo Turbine Corporation, Buffalo, N. Y. Blower. 2,552,118, May 8.
Sawyer, John H., Mobile, Ala. Inflatable mattress unit. 2,542,781, Feb. 20.
Sawyer, Lester T., Leominster, Mass. Hair retainer. 2,574,891, Nov. 13.
Sawyer, Marion B., Sr., Whittier, assignor to A. O. Smith Electrical Mfg. Co., Los Angeles, Calif. Metal cast electric motor. 2,562,283, July 31.
Sayers, Frederick, assignor to Moe Brothers Manufacturing Company, Fort Atkinson, Wis. Pressure regulator. 2,544,186, Mar. 6.
Sayers, James, Birmingham, assignor to English Electric Valve Company Limited, Chelmsford, England. High-frequency electrical oscillator. 2,546,870, Mar. 27.
Saywell Associates, assignee: *See*—
Saywell, Lawrence G.
Saywell, Lawrence G., San Mateo, assignor to Saywell associates, South San Francisco, Calif. Sealing assembly. 2,575,132, Nov. 13.
Sax, Karl J.: *See*—
Bernstein, Seymour, and Sax.
Saxe, August W., and V. A. Kalichevsky, Beaumont, Tex., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Combating oil fires. 2,543,672, Feb. 27.
Saxe, Van Renesselaer P., Baltimore, Md. Erection seat for building elements. 2,540,408, Feb. 6.
Saxer, August, Thalwil, Zurich, Switzerland. Cam actuated sliding head hammer pitman. 2,562,642, July 31.
Saxer, August, Thalwil, Zurich, Switzerland. Multiple hammer. 2,562,643, July 31.
Saxer, August, Thalwil, Zurich, Switzerland. Device, particularly for the rapid forging of workpieces of centrally symmetrical cross section. 2,562,644, July 31.
Saxer, Theodor, Rorschach, Switzerland. Front-wheel driving mechanism for bicycles. 2,547,600, Apr. 3.
Saxman, Edwin F., Jr., Gladwyne, Pa. Automatic flight control and approach and landing system for aircraft. 2,553,983, May 22.
Saxton, Millard F.: *See*—
Saxton, Paul, Steamboat Springs, Colo. Cutting machine member. 2,555,458, June 5.
Saxton, Roy W., Buhl, Idaho. Sealing can closure. 2,565,269, Aug. 21.
Bacon, Elbridge F., Comey, and Saxton.
Sayer, Bert, Sacramento, Calif., and W. F. Sklenar, Berwyn, Ill. Hair cutting device. 2,568,368, Sept. 18.
Sayer, John T., Ifield, assignor to Sayer's Metal Products Limited, London, England. Collapsible metal box. 2,550,088, Apr. 24.
Sayers, Edward L.: *See*—
Redmond, William J., and Sayers.
Sayer's Metal Products Limited, assignee: *See*—
Sayer, John T.
Sayers, Thomas E., Minneapolis, Minn. Air conditioning device. 2,564,998, Aug. 21.
Sayko, Andrew F.: *See*—
Gessler, Albert M., and Sayko.
Sayre, David, Philadelphia, Pa., assignor to the United States of America as represented by the Secretary of the Navy. Signal generator. 2,567,734, Sept. 11.
Sayre, Gordon B., assignor to Boonton Molding Company, Boonton, N. J. Automatic control for transfer molding presses. 2,566,857, Sept. 4.
Sayre, Louis S., Los Angeles, Calif. Faucet. 2,561,823, July 24.
Sayre, Ralph E., Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Preparation of esters of isothiocyanic acid. 2,548,741, Apr. 10.
Scaff, Jack H., Summit, N. J., and H. C. Theuerer, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Semiconductor comprising silicon and making it. 2,567,970, Sept. 18.
Scaff, Jack H., Summit, N. J., and H. C. Theuerer, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Preparation of germanium rectifier material. 2,576,267, Nov. 27.
Scalera, Mario, Somerville, and D. R. Eberhart, Middlesex, N. J., assignors to American Cyanamid Company, New York, N. Y. Sulfonated 3,7-diaminodibenzothiophene dioxides. 2,563,493, Aug. 7.
Scalera, Mario, Somerville, and D. R. Eberhart, Bound Brook, N. J., assignors to American Cyanamid Company, New York, N. Y. Dibenzothiophene derivatives. 2,563,795, Aug. 7.
Scalera, Mario, and W. S. Forster, Somerville, N. J., assignors to American Cyanamid Company, New York, N. Y. Acylation of aminosulfonic acids of dibenzothiophene. 2,573,652, Oct. 30.
Scalingi, Ciro R.: *See*—
Hough, Case S., Wesley, Scalingi, and Gaeke.
Scalise, Frank, Harrisburg, Pa. Automatic tuner and time circuit control. 2,578,843, Dec. 18.
Scampone, August G., Utica, N. Y. Coil spring retaining rod. 2,579,970, Dec. 25.
Scanlan, Chester J.: *See*—
Clay, Murray G., and Scanlan.
Scanlan, John T., D. Swern, and E. T. Roe, Philadelphia, Pa., assignors to the United States of America as represented by the Secretary of Agriculture. Amides of 9,10-epoxystearic acid. 2,567,237, Sept. 11.
Scanlan, Thomas A., Lakewood, assignor to The Eastern Malleable Iron Company, Cleveland, Ohio. Automobile door lock. 2,546,703, Mar. 27.
Scanlon, Dalton, and W. G. Hackett, Fulton City, N. Y. Toothbrush holder for children. 2,539,035, Jan. 23.
Scanlon, John J., Bronx, N. Y. Collapsible feeding tray attachment for chairs. 2,572,282, Oct. 23.
Scantlebury, Gordon S. P., Ealing, London, assignor to Electric & Musical Industries Limited, Hayes, England. Pulse-controlled oscillator. 2,571,296, Oct. 16.
Scapiliati, John B.: *See*—
Marshall, Gordon W., and Scapiliati.
Scarborough, William M., Kenmore, N. Y., assignor to Curtiss-Wright Corporation. Latch. 2,559,736, July 10.
Scarbrough, John D.: *See*—
Gora, John, and Scarbrough.
Scardina, Anthony J., Chicago, Ill. Toilet tissue cabinet. 2,570,491, Oct. 9.
Scarkino, Carl, Kenner, La. Baby mouth washer. 2,560,746, July 17.

Scarlett, George B., assignee: *See*—
Eichmann, Theophil.
Scarlett, Henry A.: *See*—
Price, Longueville H., Sr., and Scarlett.
Scarpa, Giuseppe, Milano, Italy. Oil circuit breaker. 2,566,095, Aug. 28.
Scarrow, James A.: *See*—
Deans, Sidney A. V., and Scarrow.
Scarth, Harold S., assignee: *See*—
Coulter, Hugh A.
Scarth, Virgil, Bartlesville, Okla., assignor to Phillips Petroleum Company. Drilling fluids and use. 2,554,214, May 22.
Scarth, Virgil, Bartlesville, Okla., assignor to Phillips Petroleum Company. Drilling fluids and using same. 2,556,222, June 12.
Scarth, Virgil, Bartlesville, Okla., assignor to Phillips Petroleum Company. Drilling fluids and using same. 2,570,492, Oct. 9.
Scarth, Virgil, Bartlesville, Okla., assignor to Phillips Petroleum Company. Double-walled annular combustion chamber with turbine shaft air jacket. 2,576,046, Nov. 20.
Scavullo, Angelo C., assignor to V. K., F., and C. Scavullo, M. S. Saegert, and M. S. Scott, Forest Hills, N. Y. Platter. 2,544,357, Mar. 6.
Scavullo, Angelo C., assignor to V. K., F. and C. Scavullo, and M. S. Saegert, and M. S. Scott, Forest Hills, N. Y. Making hollow articles. 2,573,736, Nov. 6.
Scavullo, Angelo C., assignor to V. K., F. and C. Scavullo, and M. S. Saegert, and M. S. Scott, Forest Hills, N. Y. Making sheet metal hollow ware. 2,573,737, Nov. 6.
Scavullo, Charles, assignee: *See*—
Scavullo, Angelo C.
Scavullo, Frank, assignee: *See*—
Scavullo, Angelo C.
Scavullo, Victor K., assignee: *See*—
Scavullo, Angelo C.
Schaab, Rudolph S., Bronxville, and J. E. Tiso, New York, N. Y. Machine for processing fur and pile fabrics. 2,552,593, May 15.
Schaack, August, Esch/Alzette, Luxemburg, assignor to Acieries Reunies De Burach-Eich-Dudelange Societe Anonyme, Luxemburg, Grand Duchy of Luxemburg. Joint for sheet piles. 2,556,298, June 12.
Schaad, John, assignor to Waldes Kohinoor, Inc., Long Island, N. Y. Sewing-machine attachment. 2,542,212, Feb. 20.
Schaad, Raymond E., Riverside, assignor to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbons. 2,537,282, Jan. 9.
Schaad, Raymond E., Riverside, assignor to Universal Oil Products Company, Chicago, Ill. Isomerization of olefins. 2,537,283, Jan. 9.
Schaad, Raymond E., Riverside, assignor to Universal Oil Products Company, Chicago, Ill. Manufacture of esters of hydrazoic acid. 2,557,924, June 26.
Schaaf, Cecil F., Flint, Mich. Building construction. 2,553,679, May 22.
Schaaf, Cecil F., Flint, Mich. Casting concrete shingles. 2,560,781, July 17.
Schaaf, Edward J.: *See*—
Greedy, Edwin F., and Schaaf.
Schaaf, Kurt H., Jamaica, N. Y., assignor to Nopco Chemical Company, Harrison, N. J. Production of 7-dehydrocholesterol. 2,542,291, Feb. 20.
Schaaf, Kurt H., Jamaica, N. Y., assignor to Nopco Chemical Company, Harrison, N. J. Production of 7-dehydrosterols. 2,546,788, Mar. 27.
Schaaf, Oliver H., Shaker Heights, assignor to Air-Maze Corporation, Cleveland, Ohio. Filter panel. 2,567,030, Sept. 4.
Schaaf, Rudolph G., Jr., Monmouth Beach, N. J. Washing machine having air agitation. 2,536,517, Jan. 2.
Schaaff, Louis W., Jackson Heights, assignor to Waldes Koh-i-noor, Inc., Long Island City, N. Y. Tool for handling open-ended spring retaining rings. 2,546,616, Mar. 27.
Schaaff, Louis W., Jackson Heights, assignor to Waldes-Koh-I-Noor, Inc., Long Island City, N. Y. Slider for separable fasteners. 2,568,663, Sept. 18.
Schaal, Earl V.: *See*—
Horton, Erwin C., and Schaal.
Schaal, Earl V., East Aurora, assignor to Trico Products Corporation, Buffalo, N. Y. Window operator valve. 2,556,448, June 12.
Schaar, Charles H., Chicago, and G. J. Zilligen, Hazel Crest, Ill. Soap-solution producing hand brushing apparatus. 2,545,110, Mar. 13.
Schabarum, Bruno R., assignor to Carl B. King Drilling Company, Midland, Tex. Reverse circulation rotary packer. 2,543,382, Feb. 27.
Schabot, Bernard W., Ferndale, Mich. Pantographic marking machine. 2,576,699, Nov. 27.
Schachter, Nathan, Chicago, Ill. Detachable clamping device. 2,553,333, May 15.
Schade, Arthur L.: *See*—
Wallerstein, James S., Schade, and Levy.
Schade, Arthur L., New York, N. Y., assignor to the United States of America as represented by the Secretary of War. Prevention of enzymatic discoloration of potatoes. 2,569,075, Sept. 25.
Schade, Frank S., assignor to National Blank Book Company, Holyoke, Mass. Loose-leaf binder. 2,553,872, May 22.
Schade, Frank S., assignor to National Blank Book Company, Holyoke, Mass. Combined stand and cabinet apparatus for books. 2,569,117, Sept. 25.
Schade, Otto H., West Caldwell, N. J., assignor to Radio Corporation of America. High-efficiency cathode-ray deflection system. 2,536,857, Jan. 2.
Schade, Otto H., West Caldwell, N. J., assignor to Radio Corporation of America. Wave generating system. 2,540,692, Feb. 6.
Schade, Otto H., West Caldwell, N. J., assignor to Radio Corporation of America. Cathode-ray tube. 2,556,824, June 12.
Schade, Otto H., West Caldwell, N. J., assignor to Radio Corporation of America. Television system. 2,570,723, Oct. 9.
Schade, Otto H., West Caldwell, N. J., assignor to Radio Corporation of America. Color television system. 2,579,971, Dec. 25.
Schade, Willy, assignor to Eastman Kodak Company, Rochester, N. Y. Objectives of petzval type with a high index collective lens element cemented to lower index dispersive element. 2,541,484, Feb. 13.
Schade, Willy, assignor to Eastman Kodak Company, Rochester, N. Y. Apochromatic process lens. 2,544,901, Mar. 13.
Schade, Willy, and W. H. Van Graafeiland, assignors to Eastman Kodak Company, Rochester, N. Y. Telephoto objectives corrected for distortion. 2,541,485, Feb. 13.
Schaefer, Albert W., Los Angeles, Calif. Applicator for paints and the like. 2,565,743, Aug. 28.
Schaefer, Carl F., Port Washington, assignor to The Norden Laboratories Corporation, New York, N. Y. Variable resistor. 2,561,140, July 17.
Schaefer, Carl F., Port Washington, assignor to The Norden Laboratories Corporation, New York, N. Y. Torque amplifier. 2,572,523, Oct. 23.
Schaefer, Carl W. D., Dayton, Ohio, assignor to Philco Corporation, Philadelphia, Pa. Radio control mechanism. 2,555,156, May 29.
Schaefer, Charles F., Stratford, Conn. Glue applying machine. 2,557,696, June 19.
Schaefer, Charles F., Westport, Conn. Mounting for stencil screens. 2,571,064, Oct. 9.
Schaefer, Donald G., Toledo, assignor to Fulton Manufacturing Corporation, Wauseon, Ohio. Flashlight. 2,538,332, Jan. 16.
Schaefer, Edward E., Oak Park, assignor to T. Efron, Chicago, Ill. Venetian blind structure. 2,561,141, July 17.
Schaefer, Edward E., Oak Park, assignor to T. Efron, Chicago, Ill. Tape-supporting bracket for Venetian blinds. 2,575,977, Nov. 20.
Schaefer, Edward, Williamsville, assignor to A. E. Petzon, Buffalo, N. Y. Casting die sets. 2,556,148, June 5.
Schaefer, Edward G., Newark, N. J. Container. 2,579,518, Dec. 25.
Schaefer Equipment Company, assignee: *See*—
Otterson, Oscar.
Schaefer, Frederic.
Schaefer, Eugene, assignor to The White Motor Company, Cleveland, Ohio. Shiftable vehicle seat. 2,565,666, Aug. 28.
Schaefer, Frederic, assignor to Schaefer Equipment Company, Pittsburgh, Pa. Connecting member with forked ends. 2,544,398, Mar. 6.
Schaefer, Frederic, assignor to Schaefer Equipment Company, Pittsburgh, Pa. Self-locking cotter key. 2,559,737, July 10.
Schaefer, Frederic C., Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Preparing a triaryl cyanurate. 2,560,824, July 17.
Schaefer, Frederic C., Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Autocondensation products of an aryloxy aminotriazine. 2,560,825, July 17.
Schaefer, Frederic C., Stamford, and D. H.-H. Church, Norwalk, Conn., assignors to American Cyanamid Company, New York, N. Y. Preparing condensation products from an aryloxytriazine. 2,545,049, Mar. 13.
Schaefer, Frederick: *See*—
Watters, Lloyd R., and Schaefer.
Schaefer, Frederick R., Youngstown, assignor to Republic Steel Corporation, Cleveland, Ohio. Sheet metal reel. 2,574,845, Nov. 13.
Schaefer, George, New Brunswick, N. J., assignor to Supreme Steel Products, Inc., Maspeth, N. Y. Latch and locking mechanism for cabinets and locker doors. 2,562,581, July 31.
Schaefer, Hans F., Jr., Marblehead, Mass., assignor to Link Aviation, Inc., Binghamton, N. Y. Computer for aviation trainers and the like. 2,543,872, Mar. 6.
Schaefer, Herbert, Luxemburg, Luxemburg. Chambered furnace with removable cover. 2,538,949, Jan. 23.
Schaefer, Herbert, Luxemburg, Luxemburg. Chambered soaking pit. 2,572,819, Oct. 23.
Schaefer, Hugo L.: *See*—
Sarge, Theodore W., and Schaefer.
Schaefer, John, Strum, Wis. Wheel rotating device. 2,578,266, Dec. 11.

Schaefer, Vincent J., Schenectady, N. Y., assignor to General Electric Company. Crystal formation and precipitation. 2,570,867, Oct. 9.
Schaefer, William N., assignee: *See*—
Schroepfer, Frederick W.
Schaeffer, Benjamin B., Niagara Falls, N. Y., assignor to Mathieson Chemical Corporation. Separation process. 2,540,915, Feb. 6.
Schaeffer, Benjamin B., Niagara Falls, N. Y., assignor to Mathieson Chemical Corporation. Separation of side-chain halogenated alkaryl compounds. 2,564,506, Aug. 14.
Schaeffer, Benjamin B., Niagara Falls, N. Y., assignor to Mathieson Chemical Corporation. Separation of side-chain halogenated alkaryl compounds. 2,564,507, Aug. 14.
Schaeffer, Robert A., assignee: *See*—
Kluver, James B.
Schaelchlin, Walter, Buffalo, N. Y., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Electrical apparatus. 2,571,951, Oct. 16.
Schaelchlin, Walter, A. J. Winchester, Jr., and J. C. Penstingl, Pittsburgh, Pa., assignors, by mesne assignments, to the United States of America as represented by the Secretary of the Navy. Remote-control system. 2,551,972, May 8.
Schaer, Max, assignor to Sulzer Frères, Société Anonyme, Winterthur, Switzerland. Pressure regulating system for filters. 2,536,663, Jan. 2.
Schaerer, August A.: *See*—
Arabian, Karekin G., and Schaerer.
Larsen, Robert G., and Schaerer.
Schaetzle, Jacob, Pittsburgh, Pa. Adjustable plug gauge. 2,577,633, Dec. 4.
Schaevitz, Herman, Collingswood, N. J., assignor to Baldwin-Lima-Hamilton Corporation. Apparatus for measuring and transmitting a condition from a rotatable member. 2,548,397, Apr. 10.
Schaevitz, Herman, Collingswood, N. J., assignor to Baldwin-Lima-Hamilton Corporation. Torque responsive apparatus. 2,563,425, Aug. 7.
Schaevitz, Herman, Collingswood, N. J. Thrust meter. 2,579,617, Dec. 25.
Schaf, Leonard E., Detroit, Mich. Guitar stand. 2,559,200, July 3.
Schafer, Chester I., Dayton, Ohio. Pulse signal decoder for proportional control. 2,560,600, July 17.
Schafer, Curtiss R., Plymouth Township, Minn., and W. J. Morley, River Forest, Ill., assignors to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Liquid level measuring apparatus. 2,563,280, Aug. 7.
Schafer, John W., Brooklyn, N. Y. Trolley supported storm window. 2,557,614, June 19.
Schafer, Wilmer H., Philadelphia, Pa. Handbag with flexible spring tensioned sliding closure. 2,555,705, June 5.
Schaff, Preston J., Tulsa, Okla. Ledger roll. 2,539,757, Jan. 30.
Schaffan, Stephan, Jr., Irvington, N. J. Miniature track unit. 2,559,375, July 3.
Schaffan, Stephan, Jr., Irvington, N. J. Miniature railway connector. 2,567,790, Sept. 11.
Schaffer, Arthur, assignee: *See*—
Rieck, Philip.
Schaffer, Edward A., Longmeadow, assignor to Hampden Specialty Products, Inc., Easthampton, Mass. Table leg pivot and latch mechanism. 2,574,592, Nov. 13.
Schaffer, William C.: *See*—
Berggren, Lloyd E., and Schaffer.
Schaffernak, Friedrich: *See*—
Abrahamczik, Ernst, Petrovicki, and Schaffernak.
Schaffert, Roland M., assignor, by mesne assignments, to Battelle Development Corporation, Columbus, Ohio. Method and apparatus for printing electrically. 2,576,047, Nov. 20.
Schaffhausen, Albert N., Sr., St. Paul, Minn. Sliding tub. 2,551,906, May 8.
Schaffler-Glössl, Konrad, Vienna, Austria. Contacting device for controlling the igniting circuit of a mainspring-driven, dynamo-electrical igniting device. 2,563,494, Aug. 7.
Schaffner, Henri A. H. J., Paris, France. Optical system for dual beam motorcar headlights. 2,566,751, Sept. 4.
Schafranik, Erich.: *See*—
Blease, Malcolm T., and Schafranik.
Schafroth, Werner, Havertown, Pa. Clip driving machine. 2,536,573, Jan. 2.
Schafroth, Werner, Havertown, Pa. Clip for fastening pieces of material together. 2,563,426, Aug. 7.
Schaible Company, The, assignee: *See* –
Link, Forest L. W.
Schaible, Theodore G., Mountain View, N. J., assignor of one-half to H. G. Kendall, Brooklyn, N. Y., and one-half to G. H. Fritzinger, West Orange, N. J. Tape dispenser. 2,570,724, Oct. 9.
Schaich, Wilbur A., Franklin, Mich. Firing mechanism for automatic firearms. 2,557,144, June 19.
Schaich, Wilbur A., Highland Park, Mich. Operating slide for firearms. 2,538,048, Jan. 16.
Schakel, Elisabeth, Amsterdam, Netherlands. Device for marking out measurements on material for garments, etc. 2,567,354, Sept. 11.
Schaldenbrand, René: *See*—
Dubey, Georges, and Schaldenbrand.
Schalet, Joseph P.: *See*—
Pollack, Maurice D., and Schalet.
Schall, H. E., assignee: *See*—
Whittier, Clyde.
Schall, Harold E., assignee: *See*—
Whittier, Clyde.
Schall, Herbert E., assignor of one-half to R. D. Schall, Breckenridge, Mich. Detachable mount for telescopes. 2,580,246, Dec. 25.
Schall, Robert D., assignee: *See*—
Schall, Herbert E.
Schallert, Frank R., Monrovia, Calif. Filing cabinet for maps. 2,564,283, Aug. 14.
Schallock, Arthur E., assignor to American Hydraulics, Inc., Sheboygan, Wis. Wheeled bumper jack. 2,568,827, Sept. 25.
Schantz, Edwin M.: *See*—
Pierce, Edith H., and Schantz.
Schantz, Gordon M., Allentown, Pa., assignor to Mack Manufacturing Corporation, New York, N. Y. Horizontally divided door. 2,538,429, Jan. 16.
Schaper, William A., Cicero, Ill., assignor to Aladdin Industries, Incorporated. Midget inductance tuning mechanism. 2,555,248, May 29.
Schaperkotter, Leland, Kansas City, Kans., and G. W. Kline, Fayette, Mo. Tackle box. 2,541,890, Feb. 13.
Schapiro, Joseph S.: *See*—
Brendel, William J., and Schapiro.
Scharenberg, Elmer M.: *See*—
Freund, Karl E., and Scharenberg.
Scharenberg, Elmer M., Cuyahoga Falls, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Collapsible fuel tank for aircraft. 2,552,119, May 8.
Scharf, Frank W., Arcadia, Calif., assignor, by mesne assignments, to Knapp-Monarch Company, St. Louis, Mo. Toaster timer mechanism. 2,558,199, June 26.
Scharf, Murray M., Bellwood, Ill. Treatment of processed pickles. 2,577,211, Dec. 4.
Scharf, Paul B.: *See*—
Risley, Roger E., and Scharf.
Scharf, Percy E., La Riviere, Manitoba, Canada. Cutterbar actuating mechanism. 2,573,068, Oct. 30
Scharfe, Leo, Baltimore, Md. Dental flask. 2,554,960, May 29.
Scharfe, Leo, Baltimore, Md. Dental flask. 2,574,593, Nov. 13.
Scharfe, Leo, Baltimore, Md. Insert for dental flasks. 2,574,594, Nov. 13.
Scharff, John E.: *See*—
Loweth, Joseph H., and Scharff.
Scharff, John E., New Rochelle, N. Y. Air-heating furnace with liquid heat transfer means. 2,573,364, Oct. 30.
Scharkopf, Frederick J., Valley Stream, N. Y. Coaster toy. 2,545,972, Mar. 20.
Scharkopf, Frederick J., Valley Stream, N. Y. Aquatic toy. 2,551,055, May 1.
Scharkopf, Frederick J., Valley Stream, N. Y. Marble shooting coaster toy with projector. 2,558,881, July 3.
Scharmann, Walter G., Westfield, N. J., assignor to Standard Oil Development Company. Production of hydrogen-containing gas under pressure. 2,537,708, Jan. 9.
Scharmann, Walter G., Westfield, N. J., assignor to Standard Oil Development Company. Production of hydrogen from hydrocarbon gases. 2,565,395, Aug. 21.
Scharmann, Walter G., Westfield, N. J., assignor to Standard Oil Development Company. Recovery of hydrocarbons from gaseous streams. 2,577,634, Dec. 4.
Scharpf, Otto, assignor to Johnson Service Company, Milwaukee, Wis. Thermostat and like control instrument having single means for adjusting sensitivity and reversing action. 2,558,316, June 26.
Scharschu, Charles A., Brackenridge, assignor to Allegheny Ludlum Steel Corporation, Pittsburgh, Pa. Procedure for making nickel-iron alloys having rectangular hysteresis loops. 2,558,104, June 26.
Schassberger, Norman A., assignor to Willys-Overland Motors, Inc., Toledo, Ohio. Transparent panel support. 2,569,955, Oct. 2.
Schatzel, De Wolf, North Baltimore, Ohio. Fluid operated variable-speed power-transmitting device. 2,543,603, Feb. 27.
Schatzkin, Charles, Coral Gables, Fla. Dosage and time indicator. 2,565,095, Aug. 21.
Schatzman, George W., assignor to Houdaille-Hershey Corporation, Detroit, Mich. Fender and fender shield structure and attaching means therefor. 2,557,145, June 19.
Schatzman, George W., assignor to Houdaille-Hershey Corporation, Detroit, Mich. Fender and fender shield assembly and mounting and supporting means therefor. 2,557,146, June 19.
Schatzman, George W., assignor to Houdaille-Hershey Corporation, Detroit, Mich. Fender and fender shield assembly and means for mounting the same. 2,557,147, June 19.
Schatzman, George W., assignor to Houdaille-Hershey Corporation, Detroit, Mich. Fender and fender shield construction. 2,560,601, July 17.
Schatzman, George W., assignor to Houdaille-Hershey Corporation, Detroit, Mich. Fender shield mounting. 2,567,971, Sept. 18.

Schatzman, George W., assignor to Houdaille-Hershey Corporation, Detroit, Mich. Fender shield mounting. 2,569,496, Oct. 2.
Schaub, Cyrill, assignor to Allmanna Svenska Elektriska Aktiebolaget, Vasteras, Sweden. Wheel pair for railway cars. 2,536,313, Jan. 2.
Schaubert, Gideon, Bowdon, N. Dak. Hydraulic lift for wheeled farm implements. 2,545,111, Mar. 13.
Schauer, Walter, Annapolis, Md. Fire escape cable drum. 2,544,729, Mar. 13.
Schauert, Paul: *See*—
Droege, Orville E., Hale, and Schauert.
Schaumann, Holger H.: *See*—
Krchma, Ignace J., and Schaumann.
Schaumer, Theo B., Los Angeles, Calif. Brassière garment. 2,562,582, July 31.
Schaus, Jack B., Buffalo, N. Y. Apparatus for localizing the effects of accidental fires. 2,549,936, Apr. 24.
Schaus, Karl L., Tempe, Ariz. Flexible diaphragm construction. 2,550,940, May 1.
Schauseil, Albert P.: *See*—
Bauer, Oliver F., and Shauseil.
Schaye, Jack M., Brooklyn, N. Y., assignor to Conmar Products Corporation, Newark, N. J. Padlock slide fastener. 2,569,076, Sept. 25.
Schaye, Jack M., Brooklyn, N. Y., assignor to Conmar Products Corporation, Newark, N. J. Friction slide fastener. 2,575,187, Nov. 13.
Schechtel, Harry, Los Angeles, Calif. Finger-operated boxing toy. 2,569,260, Sept. 25.
Schechter, Bernard: *See*—
Baker, Carl A., and Schechter.
Schechter, Milton S., Washington, D. C., and F. B. La Forge, Arlington, Va.; dedicated to the free use of the People in the territory of the United States. Hydroxydiketones. 2,574,500, Nov. 13.
Schechter, Sam A., New York, N. Y. Pickpocket protector. 2,536,469, Jan. 2.
Schechtman, Martin L., New Market, N. J., assignor to Industrial Tape Corporation. Adhesive tape. 2,576,148, Nov. 27.
Schedin, Robert S.: *See*—
Bergstrom, Carl P., and Schedin.
Schedler, Jack A., Wilmslow, and R. Whalley, Edenfield, assignors to The Clayton Aniline Company Limited, Manchester, England. Manufacture of diazo-dyestuffs containing copper in complex union. 2,553,011, May 15.
Scheel, John B., Washington, D. C. Apparatus for making plats. 2,566,910, Sept. 4.
Scheel, Julius, assignor of one-half to M. Blanco P., Houston, Tex. Lunch pack. 2,575,299, Nov. 13.
Scheele, Charles C., assignor to Easy Washing Machine Corporation, Syracuse, N. Y. Ironing head drive. 2,568,514, Sept. 18.
Scheeler, Charles A., assignor to Buffalo Wire Works Co., Inc., Buffalo, N. Y. Pivot joint. 2,556,449, June 12.
Scheer, Charles L., Larchmont, and C. M. McFarland, Lehighton, Pa., assignors to The New Jersey Zinc Company, New York, N. Y. Apparatus for thermal decomposition of metal halides. 2,551,341, May 1.
Scheer, Frederick H., Lewisburg, and W. S. Winfield, Sunbury, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Frequency converter with impedance matched output. 2,568,416, Sept. 18.
Scheer, Walter E., Jackson Heights, N. Y., assignor to Hardesty Chemical Co., Inc. Dibenzyl diglycolate. 2,565,888, Aug. 28.
Schefbauer, Rupert J., Jr.: *See*—
Lee, Ernest D., and Schefbauer.
Lee, Ernest D., Schefbauer, and Berberich.
Schefe, Frederick K., Gary, Ind., assignor to United States Steel Company. Differential conveyer. 2,546,476, Mar. 27.
Schefe, Frederick K., Gary, Ind., assignor to United States Steel Company. Sheet piler. 2,560,252, July 10.
Scheffer, Guido L., Milwaukee, Wis. House construction. 2,555,157, May 29.
Scheg, Marcian A., assignor to General Railway Signal Company, Rochester, N. Y. Code transmitting apparatus in track circuit signaling systems. 2,559,468, July 3.
Scheg, Marcian A., assignor to General Railway Signal Company, Rochester, N. Y. Broken-down joint protection in coded track circuit signaling systems. 2,570,868, Oct. 9.
Scheib, John R., Lakewood, N. J. Slide fastener tool. 2,579,207, Dec. 18.
Scheib, Louis: *See*—
Homeier, Otto F., and Scheib.
Scheibel, Edward G.: *See*—
Jenny, Frank J., and Scheibel.
Scheibel, Edward G., assignor to Hoffmann-La Roche Inc., Nutley, N. J. Extractive distillation of alcohols. 2,537,115, Jan. 9.
Scheibler, Hermann, Greenwich, Conn. Coupling and transmission mechanism. 2,536,396, Jan. 2.
Scheibli, James R., San Lorenzo, R. C. Morris, Berkeley, and E. C. Shokal, Oakland, assignors to Shell Development Company, San Francisco, Calif. Unsaturated esters of t-butyl benzoic acid, their polymers, and compositions. 2,578,950, Dec. 18.
Scheid, Louis J., assignor to Watervliet Paper Company, Watervliet, Mich. Coating for paper and production. 2,559,901, July 10.
Scheidecker, Wayne C., Lake View, Iowa. Potato masher and whipper. 2,575,978, Nov. 20.
Scheidemantle, Howard R., Harmony, assignor to Universal Manufacturing Corporation, Zelienople, Pa. Metal scaffold connection lock. 2,559,469, July 3.
Scheidenhelm, Earl L., and H. D. Hume, Mendota, Ill.; said Scheidenhelm assignor to said Hume. Cutter for vine crops. 2,572,203, Oct. 23.
Scheidt, John F., Moorehead, Minn. Fish stringing device. 2,574,846, Nov. 13.
Scheinberg, Morris M., Brooklyn, assignor to Sturm & Scheinberg, Inc., New York, N. Y. Shoulder hose supporter. 2,548,742, Apr. 10.
Scheinker, Ilya, New York, N. Y. Jogging machine. 2,573,164, Oct. 30.
Scheinker, Ilya, New York, N. Y. Form binding machine. 2,573,612, Oct. 30.
Scheirer, Claude A., Havertown, Pa. Cable vise. 2,547,601, Apr. 3.
Scheiwer, Albert T.: *See*—
Kellogg, Dorcey E., and Scheiwer.
Scheiwer, Albert T., Erie, Pa. Coupling. 2,536,702, Jan. 2.
Scheiwer, Albert T., Erie, Pa. Quick-release coupling for high-pressure fluid lines. 2,545,796, Mar. 20.
Scheiwer, Albert T., Erie, Pa. Valved pipe coupling. 2,553,680, May 22.
Scheiwer, Albert T., Erie, Pa. Combined nozzle and coupling member. 2,568,515, Sept. 18.
Scheiwer, Albert T., Erie, Pa. Coupling. 2,568,516, Sept. 18.
Scheiwer, Albert T., Erie, Pa. Testing device for comparatively short tubes. 2,579,972, Dec. 25.
Scheld, Walter T., Merced, Calif. Automobile bed. 2,566,996, Sept. 4.
Schelberg, Arthur D.: *See*—
McDuffie, Bruce, Schelberg, and Thompson.
Scheldorf, Owen H., North East, Pa., assignor to General Electric Company. Compressor assembly. 2,546,045, Mar. 20.
Schell, Clarence F.: *See*—
Schell, Horace R., and C. F.
Schell, Harold J., Philadelphia, Pa. Rack for holding roasts. 2,575,188, Nov. 13.
Schell, Horace R., and C. F. Schell, Cincinnati, Ohio. Flat opening case. 2,554,215, May 22.
Schell, Le Roy S., Jr., Lenox, Mass., assignor to General Electric Company. Low yoke transformer core. 2,550,500, Apr. 24.
Schell, Paul, Elkhart, assignor to Penn Electric Switch Co., Goshen, Ind. Ignition trip for oil burner controls. 2,562,438, July 31.
Schell, Paul, Elkhart, assignor to Penn Electric Switch Co., Goshen, Ind. Plunger guide for solenoids. 2,562,439, July 31.
Schell, Paul, Elkhart, assignor to Penn Electric Switch Co., Goshen, Ind. Solenoid valve. 2,574,762, Nov. 13.
Schell, Paul, Elkhart, assignor to Penn Electric Switch Co., Goshen, Ind. Out-fire control switch. 2,578,949, Dec. 18.
Scheller, Arthur P., Union, N. J., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Blowpipe rod feed mechanism. 2,570,386, Oct. 9.
Schellinger, Theodor C., assignor to Chrysler Corporation, Highland Park, Mich. Power transmission, including cushioning control for friction drive control mechanism therefor. 2,540,965, Feb. 6.
Schellinger, Theodor C., assignor to Chrysler Corporation, Highland Park, Mich. Valve unit for hydraulically operated transmissions. 2,548,175, Apr. 10.
Schelm, Frederick G., Baltimore, Md. Climbing toy. 2,565,096, Aug. 21.
Schembra, Christopher, Glen Ridge, N. J. Screened vehicle window opening. 2,548,560, Apr. 10.
Schempp, Emanuel, assignee: *See*—
Schrank, Neil M.
Schenau, Bernardus W. V. I.: *See*—
De Groot, Folkert A., and Schenau.
Schenau, Bernardus W. van I.: *See*—
Valeton, Josué J. P., and Schenau.
Schenck, Alfred K., East Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Circuit closing device. 2,550,605, Apr. 24.
Schenck, James N., Hornell, N. Y. Fish lure. 2,563,282, Aug. 7.
Schenck, Leslie M., Westfield, N. J., assignor to General Aniline & Film Corporation, New York, N. Y. 5-aminoisophthaloylacetonitrile. 2,563,375, Aug. 7.
Schenck, Leslie M., Westfield, N. J., assignor to General Aniline & Film Corporation, New York, N. Y. Substituted amino aryl acetonitriles. 2,563,376, Aug. 7.
Schenck, Robert C., assigner to The Duriron Company, Inc., Dayton, Ohio. Valve for corrosive fluids. 2,539,106, Jan. 23.
Schenck, Willard A., Brooklyn, N. Y., assignor to Munising Paper Company, Munising, Mich. Making wet strength paper. 2,540,352, Feb. 6.
Schenk, Adelbert J., Huntington Woods, assignor to Jervis B. Webb Company, Detroit, Mich. Trolley propelling device for conveyer systems. 2,575,396, Nov. 20.
Schenk, Hans, assignee: *See*—
Schenk, Theresia, and Sprung.

Schenk, Theresia, and M. Sprung, assignors of one-half to H. Schenk, Graz, Austria, and one-half to J. Jovan, Chicago, Ill. Fecundity calendar. 2,577,544, Dec. 4.
Schenkel, Gerrit: *See*—
De Boer, Jan, and Schenkel.
Schenker, Abraham W., New York, N. Y. System of therapeutic treatment. 2,568,934, Sept. 25.
Schenker, Eugene, Orlando, Fla. Rubber stamp. 2,575,772, Nov. 20.
Schenker, Fritz A., and A. Ammann, Zurich, assignors to Kaspar Winkler & Co., Zurich-Altstetten, Switzerland. Hydraulic cements and making. 2,542,364, Feb. 20.
Schenley Industries, Inc., assignee: *See*—
Andersag, Hans, and Mauss.
Donnelly, Joseph B.
Scherbatskoy, Serge A., Tulsa, Okla. Radiation detector, 2,536,314, Jan. 2.
Scherbatskoy, Serge A., Tulsa, Okla. System of determining the listening habits of wave signal receiver users. 2,573,279, Oct. 30.
Scherer, John O.: *See*—
Scherer, Robert P. and J. O., and Rick.
Scherer, John O., Grosse Pointe, assignor to R. P. Scherer Corporation, Detroit, Mich. Sealed tube with finger-engaging opening tabs. 2,552,870, May 15.
Scherer, R. P., Corporation, assignee: *See*—
Palermo, Blasey T., and McMillion.
Scherer, John O.
Scherer, Robert P. and J. O., and Rick.
Scherer, Robert P. and J. O., and W. W. Rick, Detroit, Mich., assignors, by mesne assignments, to R. P. Scherer Corporation. Hypodermic syringe. 2,562,129, July 24.
Scherer, Wayne R., Claremont, Calif., assignor, by mesne assignments, to Taylor Fibre Co., Norristown, Pa. Connector bar. 2,547,413, Apr. 3.
Scherf, Raymond J., Royal Oak, Mich. Educational toy. 2,542,948, Feb. 20.
Scherger, Milton H., and E. B. Terrill, Jr., assignors to Mills Industries, Incorporated, Chicago, Ill. Fluid pump. 2,578,746, Dec. 18.
Schering Corporation, assignee: *See*—
Papa, Domenick, and Schwenk.
Papa, Domenick, Schwenk, and Klingsberg.
Papa, Domenick, and Sperber.
Papa, Domenick, Sperber and Schwenk.
Sperber, Nathan, Papa, and Schwenk.
Schermerhorn, Freeman, Pierz, assignor of one-half to W. Holroyd, Foley, Minn. Under-cutting tool. 2,537,709, Jan. 9.
Schermerhorn, George R., Sr.: *See*—
Hinz, Henry C., Jr., Schermerhorn, and Dorn.
Schermerhorn, Lee R., assignee: *See*—
Riverman, Francis E.
Schermuly, Alfred J.: *See*—
Schermuly, Conrad D., A. J., and C.
Schermuly, Alfred J., Parkgate, Newdigate, England. Fuse. 2,544,358, Mar. 6.
Schermuly, Charles: *See*—
Schermuly, Conrad D., A. J., and C.
Schermuly, Conrad D., A. J., and C., Parkgate, Newdigate, England. Signal or smoke rocket. 2,538,333, Jan. 16.
Schermuly, Conrad D., A. J., and C., Parkgate, Newdigate, England. Line-carrying rocket. 2,548,398, Apr. 10.
Schermuly, Conrad D., A. J., and C., Parkgate Newdigate, England. Discharger for rockets, flares, and the like. 2,553,477, May 15.
Scherr, Harry, Baltimore, and G. A. Little, Bel Air, Md., assignors to the United States of America as represented by the Secretary of War. Mustard gas-resistant paint. 2,549,856, Apr. 24.
Schertz, Glenwood L., assignor to Hercules Powder Company, Wilmington, Del. Copolymers of styrene or derivative thereof and an ester of an abietyl alcohol and an α,β-ethylenically unsaturated carboxylic acid. 2,574,847, Nov. 13.
Schetty, Guido: *See*—
Conzetti, Achille, and Schetty.
Schetty, Guido, assignor to J. R. Geigy A. G., Basel, Switzerland. Chrome monoazo dyestuffs. 2,551,056, May 1.
Schetzer, Charles H., Goodland, Kans. Accelerator pedal rest. 2,567,529, Sept. 11.
Scheu, Carl H., assignee: *See*—
Scheu, Karl F.
Scheu, Karl F., assignor to C. H. Scheu, Lakewood, Ohio. Separating ores by treatment with a gaseous polyhalosilane. 2,564,546, Aug. 14.
Scheu Manufacturing Company, assignee: *See*—
Scheu, Willis L.
Scheu, Willis L., Upland, Calif., assignor to Scheu Manufacturing Company. Heating system. 2,579,158, Dec. 18.
Scheuerlein, John E., Saginaw, Mich. Device for tightening wire. 2,577,212, Dec. 4.
Scheuerman, Carl H., Jr., Detroit, Mich., assignor to Tucker Corporation, Chicago, Ill. Transmission. 2,564,999, Aug. 21.
Scheuermann, Albert, Sutter, Ill. Self-closing gate. 2,537,484, Jan. 9.
Schexnailder, Robert E., Jr.: *See*—
Connolly, Gerald C., and Schexnailder.
Schiappa, Anthony, assignor to Moore Fabric Company, Pawtucket, R. I. Elastic web. 2,557,315, June 19.
Schibler, Luzius, assignor to Ciba Limited, Basel, Switzerland. Hardenable binding agent in a stable aqueous form and making same. 2,541,440, Feb. 13.
Schichtell, Walter M.: *See*—
Middaugh, Dennis A., and Schichtell.
Schick, Edward L.: *See*—
Weston, Roger D., and Schick.
Schick, Harry C., Inc., assignee: *See*—
Grassmann, Edward C., Sr.
Maier, Frank J.
Schick, Howard M., Lee's Summit, Mo. Display fixture. 2,540,353, Feb. 6.
Schick, John L., assignor to The Dow Chemical Company, Midland, Mich. Polymerizing high vinyl chloride-low vinylidene chloride copolymers. 2,538,049, Jan. 16.
Schick, John L., assignor to The Dow Chemical Company, Midland, Mich. Polymerizing high vinyl chloride-low vinylidene chloride copolymers. 2,538,050, Jan. 16.
Schick, John L., assignor to The Dow Chemical Company, Midland, Mich. Aqueous suspension polymerization in the presence of methyl hydroxypropyl cellulose as granulating agent. 2,538,051, Jan. 16.
Schick, John W.: *See*—
Hartough, Howard D., and Schick.
Schick, John W., Camden, H. D. Hartough, Pitman, and D. E. Badertscher, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated. Imparting water-repellency to fibrous materials and resulting products. 2,559,260, July 3.
Schick, John W., Camden, and H. D. Hartough, Pitman, N. J., assignors to Socony-Vacuum Oil Company, Incorporated. Treatment of fibrous material and product resulting therefrom. 2,569,695, Oct. 2.
Schieffelin & Co., assignee: *See*—
Silverman, Milton.
Treves, Gino R.
Schieler, Albert M., St. Louis, Mo., assignor to General Steel Castings Corporation, Granite City, Ill. Retractable pilot for railway locomotives. 2,573,224, Oct. 30.
Schielke, Alfred E., Cranbury, N. J. Educational device. 2,546,789, Mar. 27.
Schieman, James, Glencoe, Ontario, Canada. Sugar beet gatherer. 2,557,475, June 19.
Schiermeier, Knapel F., and H. A. Poltz, Alton, Ill., assignors to Shell Development Company, San Francisco, Calif. Corrosion preventive compositions. 2,573,878, Nov. 6.
Schiesel, Ervin E., Meriden, Conn. Combined variable area nozzle and after-burner control for jet motors. 2,569,497, Oct. 2.
Schieser, Warren J., and J. F. Kelley, assignors to The Exact Weight Scale Company, Columbus, Ohio. Electronic check-weighing and segregating apparatus. 2,568,255, Sept. 18.
Schiessl, Herbert A., Seattle, Wash. Sash construction. 2,561,142, July 17.
Schiffleger, Waldemar P., Wauwatosa, Wis. Soldering iron. 2,538,474, Jan. 16.
Schiffmann, Robert P., Chicago, Ill. Combination fishing lure and bottle opener. 2,553,149, May 15.
Schildknecht, Calvin E., Easton, Pa., assignor to General Aniline & Film Corporation, New York, N. Y. Preparation of granular polyvinyl ethers. 2,551,467, May 1.
Schildknecht, Paul, assignor to Machine-Craft Mfg. Co., Los Angeles, Calif. Work holding portable circular saw. 2,573,991, Nov. 6.
Schileicher, Harold E., West Hartford, assignor to The Arrow-Hart & Hegeman Electric Company, Hartford, Conn. Rotary magnetic switch. 2,540,294, Feb. 6.
Schill, Bernard J., Rockford, Ill., assignor to J. I. Case Company, Racine, Wis. Cutting disk bearing. 2,539,866, Jan. 30.
Schill, Bernard J., Rockford, Ill., assignor to J. I. Case Company, Racine, Wis. Agitator for grain drills. 2,551,853, May 8.
Schiller, Arthur M.: *See*—
Suen, Tzeng J., and Schiller.
Schiller, Bernard, New York, N. Y., assignor to Banner Plastics Corporation. Sugarplum tree. 2,565,700, Aug. 28.
Schiller, James C.: *See*—
Corneil, Hampton G., and Schiller.
Litton, James B., and Schiller.
Milligan, Winfred O., and Schiller.
Souby, Armand M., and Schiller.
Schiller, James C., S. R. Bethea, and M. A. Mosesman, Baytown, Tex., assignors, by mesne assignments, to Standard Oil Development Company, Elizabeth, N. J. Hydrogenation of carbon monoxide. 2,546,017, Mar. 20.
Schilling, Carl O., Kansas City, Mo., assignor to Moorman Manufacturing Company, Quincy, Ill. Defluorinating rock phosphate. 2,539,638, Jan. 30.
Schilling, Lorell J., Galesville, Wis., assignor to Babson Bros. Co. Mercury switch. 2,564,081, Aug. 14.
Schilling, Werner C., Weehawken, N. J. Contour cutter. 2,571,952, Oct. 16.
Schillinger, Christian, Hazleton, Pa. Adjustable comfort cow stall. 2,578,093, Dec. 11.
Schiltknecht, Adolf, Neuhausen, assignor to Societe Anonyme pour l'Industrie de l'Aluminium, Chippis, Switzerland. Cartouche for joining metal bodies, especially for light metals, by welding. 2,569,956, Oct. 2.
Schiltz, Andi: *See*—
McNulty, Joseph M., and Schiltz.

Schimmel, Norbert, assignor to New Hermes Engraving Machine Corp., New York, N. Y. Engraving tool for pantographic jewelry engraving machines. 2,557,148, June 19.
Schindler, Bernard C., Burlingame, Calif. Play pen. 2,571,297, Oct. 16.
Schindler, Carl: *See*—
Van Ryan, Anthony, and Schindler.
Schindler, Carl, Wauwatosa, Wis., assignor to McGraw Electric Company. System of protection for power lines. 2,563,136, Aug. 7.
Schindler, George A., Tacoma, Wash. Seed tape. 2,571,491, Oct. 16.
Schindler, Harold C., Euclid, Ohio, assignor, by mesne assignments, to Lockley Machine Company, New Castle, Pa. Garbage grinding device. 2,579,400, Dec. 18.
Schindler, John, Brooklyn, and A. J. Valdes, New York, N. Y. Spinner. 2,562,743, July 31.
Schindler, Walter: *See*—
Haefliger, Franz, and Schindler.
Martin, Henry, Margot, Neracher, Schindler, and Hodel.
Schinman, Edmund, San Francisco, Calif. Appliance for the treatment of the spine. 2,558,105, June 26.
Schipper, Ithel A., Wayzata, Minn. Fish decoy. 2,557,516, June 19.
Schipplock, Charles J., assignor to Crane Co., Chicago, Ill. Gauging and alignment device for fittings, by light projection. 2,546,524, Mar. 27.
Schircks, Eric, assignor to Albiswerk Zuerich A. G., Zurich, Switzerland. Microphone with carbon electrodes. 2,572,525, Oct. 23.
Schirmer, Cyrus T., Wayland, Mass., assignor, by mesne assignments, to National Pneumatic Co., Inc. Garage door operating device. 2,544,239, Mar. 6.
Schirmer, Robert M.: *See* –
Britton, Sylvester C., and Schirmer.
Schirmer, Waldo P., Brecksville, Ohio. Hose reel operating mechanism for gasoline pumps. 2,577,859, Dec. 11.
Schissel, Paul O., Schenectady, N. Y., assignor to General Electric Company. Method and apparatus for separating charged particles of different mass-to-charge ratios. 2,570,158, Oct. 2.
Schittelbauer, Anthony: *See*—
Bauer, Joseph, and Schittelbauer.
Schiveree, John E.: *See*—
Dawley, Clarence E., and Schiveree.
Pask, Joseph A., and Schiveree.
Schjeldahl, Gilmore T., and D. D. Wendt, assignors to Bemis Bro. Bag Co., Minneapolis, Minn. Thermoplastic bag construction. 2,547,097, Apr. 3.
Schjolin, Hans O., Birmingham, assignor to General Motors Corporation, Detroit, Mich. V-gear transmission. 2,569,341, Sept. 25.
Schlaeger, Albert J., and F. A. Hoglan, Toledo, Ohio, assignors to International Minerals & Chemical Corporation. Manufacture of glutamic acid. 2,548,124, Apr. 10.
Schlage, Anna, executrix: *See*—
Schlage, Walter R.
Schlage Lock Company, assignee: *See*—
Schlage, Walter R.
Schlage, Walter R., deceased; by A. Schlage, executrix, Burlingame, assignor to Schlage Lock Company, San Francisco, Calif. Doorknob structure. 2,571,767, Oct. 16.
Schlage, Walter R., deceased, Burlingame, Calif., by A. Schlage, executrix, Burlingame, assignor to Schlage Lock Company, San Francisco, Calif. Latch bolt holdback. 2,580,196, Dec. 25.
Schlager, Jacob: *See*—
Fries, Jake, and Schlager.
Schlageter, Mary E., Chicago, Ill., assignor to Kabo, Inc. Maternity girdle. 2,557,767, June 19.
Schlags, Selig A., Brooklyn, N. Y. Ironing board stand attachment. 2,574,194, Nov. 6.
Schlaich, Herman, Elmhurst, N. Y. Temperature responsive devices, bimetallic coils for use therein, and blanks for making such coils. 2,572,059, Oct. 23.
Schlang, Arthur, Brooklyn, N. Y. Phase modulator. 2,563,964, Aug. 14.
Schläpfer, Hans, and A. Margot, assignors to J. R. Geigy A. G., Basel, Switzerland. 1,2-iminocyclohexanes. 2,558,273, June 26.
Schläpfer, Reinhard, Basel, Switzerland, assignor to Hoffmann-La Roche Inc., Nutley, N. J. Manufacture of pyridyl-3-carbinol. 2,547,048, Apr. 3.
Schlatter, Alfred K., Francesville, Ind. Signal switch device. 2,578,844, Dec. 18.
Schlatter, Eugene J., Mount Rainer, Md. Instrument for determining slope from stereoscopic images. 2,569,498, Oct. 2.
Schlatter, H. A., A. G., assignee: *See*—
Opprecht, Paul.
Schlegel, Carl F., Brighton, assignor to The Schlegel Manufacturing Company, Rochester, N. Y. Buffing wheel. 2,548,623, Apr. 10.
Schlegel, Charles P., assignor to The Schlegel Manufacturing Company, Rochester, N. Y. Window glass guide. 2,536,397, Jan. 2.
Schlegel, Charles P., assignor to The Schlegel Manufacturing Company, Rochester, N. Y. Weather strip. 2,574,124, Nov. 6.
Schlegel Manufacturing Company, The, assignee: *See*—
Schlegel, Carl F.
Schlegel, Charles P.
Schlegel, Mark D., Sr., Toledo, Ohio. Stabilizing and lubricating pivot bolt. 2,537,552, Jan. 9.
Schlegel, Walter L., Jr., assignor to American Steel Foundries, Chicago, Ill. Brakehead arrangement. 2,545,213, Mar. 13.
Schlegel, Walter L., Jr., assignor to American Steel Foundries, Chicago, Ill. Snubbed bolster truck. 2,557,768, June 19.
Schlegel, Walter L., Jr., assignor to American Steel Foundries, Chicago, Ill. Snubbed bolster truck. 2,570,159, Oct. 2.
Schleicher, Harold E., West Hartford, assignor to The Arrow-Hart & Hegeman Electric Company, Hartford, Conn. Rotary electromagnetic transfer switch. 2,553,478, May 15.
Schleicher, Harold E., West Hartford, assignor to The Arrow-Hart & Hegeman Electric Company, Hartford, Conn. Electromagnetic operating means for rotary electric switches and other devices. 2,563,495, Aug. 7.
Schleicher, Henry M., Elizabeth, N. J. assignor to The American Metal Company, Limited, New York, N. Y. Forming stages in fluidized masses. 2,536,099, Jan. 2.
Schleicher, Robert W., East Lansing, Mich. Die lifting hook. 2,552,219, May 8.
Schlein, Seymour, Cleveland, assignor, by mesne assignments, to Ruger Equipment, Inc., Uhrichsville, Ohio. Adjustable hand operator for variable stroke hydraulic pumps. 2,557,056, June 12.
Schlenker, Max E., Peru, Ill., and P. W. Ryburn, Akron, Ohio, assignors to General Time Corporation, New York, N. Y. Shaded pole electric motor. 2,537,093, Jan. 9.
Schlentz, Leslie, Hondo, Tex. Soil roller. 2,555,249, May 29.
Schlenz, Harry E., Glencoe, assignor to Pacific Flush Tank Company, Chicago, Ill. Sewage treatment. 2,562,510, July 31.
Schlenz, Harry E., Glencoe, assignor to Pacific Flush Tank Company, Chicago, Ill. Method and apparatus for digesting garbage and sewage sludge. 2,572,767, Oct. 23.
Schlesinger, Arthur H., and D. T. Mowry, Dayton, Ohio, assignors to Monsanto Chemical Company, St. Louis, Mo. 3-(thiocyanomethyl) thianaphthene and herbicidal compositions comprising same. 2,572,574, Oct. 23.
Schlesinger, Edna M., assignee: *See*—
Schlesinger, Hermann I., and Finholt.
Schlesinger, Hermann I., Chicago, Ill., and H. C. Brown, Detroit, Mich., assignors to the United States of America as represented by the United States Atomic Energy Commission. Preparation of diborane. 2,543,511, Feb. 27.
Schlesinger, Hermann I., Chicago, Ill., and H. C. Brown, Detroit, Mich., assignors to the United States of America as represented by the United States Atomic Energy Commission. Preparation of diborane. 2,544,472, Mar. 6.
Schlesinger, Hermann I., Chicago, Ill., and H. C. Brown, Detroit, Mich., assignors to the United States of America as represented by the United States Atomic Energy Commission. Preparation of lithium borohydride. 2,545,633, Mar. 20.
Schlesinger, Hermann I., Chicago, Ill., and H. C. Brown, Detroit, Mich., assignors to the United States of America as represented by the United States Atomic Energy Commission. Preparation of diborane. 2,555,512, June 5.
Schlesinger, Hermann I., and A. E. Finholt, Chicago, Ill. Making aluminum-containing hydrides. 2,567,972, Sept. 18.
Schlesinger, Hermann I., and A. E. Finholt, Chicago, Ill., said Schlesinger assignor of one-fourth to E. M. Schlesinger and said Finholt assignor of one-fourth to M. L. Finholt. Reducing and hydrogenating chemical compounds by reacting with aluminum-containing hydrides. 2,576,311, Nov. 27.
Schlesinger, Joseph H., assignor to Eagle Chemical Company, New York, N. Y. Dispenser having a resilient wall diaphragm flow controller, actuated by a reciprocating dispensing nozzle. 2,557,917, June 19.
Schlesinger, Kurt, Maywood, assignor to Motorola, Inc., Chicago, Ill. Sawtooth current generator. 2,554,924, May 29.
Schlesinger, Kurt, Maywood, Ill., assignor to Radio Corporation of America. Saw tooth wave generator. 2,554,925, May 29.
Schlesinger, Kurt, assignor to Columbia Broadcasting System, Inc., New York, N. Y. Signal separation. 2,562,216, July 31.
Schlesinger, Kurt, Maywood, assignor to Motorola, Inc., Chicago, Ill. Electromagnetic deflection yoke. 2,562,394, July 31.
Schlesinger, Kurt, Maywood, assignor to Motorola, Inc., Chicago, Ill. Anastigmatic deflection yoke. 2,562,395, July 31.
Schlesinger, Kurt, Maywood, assignor to Motorola, Inc., Chicago, Ill. Flywheel synchronization system. 2,574,229, Nov. 6.
Schlesinger, Kurt, Maywood, assignor to Motorola, Inc., Chicago, Ill. Saw-tooth current generator. 2,579,014, Dec. 18.

Schlesman, Carleton H., Camden, N. J., assignor to Socony-Vacuum Oil Company, Incorporated. Electrochemical conversion of hydrocarbons. 2,550,089, Apr. 24.
Schlesman, Carleton H., Camden, N. J., assignor to Socony-Vacuum Oil Company, Incorporated. Electrochemical conversion of hydrocarbons. 2,553,944, May 22.
Schleter, George C., and H. R. Senf, Washington, D. C. Radio echo system for aircraft. 2,546,170, Mar. 27.
Schletter, Richard E., Oak Lane, assignor to Textile Machine Works, Wyomissing, Pa. Reciprocating yarn carrier. 2,570,387, Oct. 9.
Schley, Laura W., Miami, Fla. Chair having vertically adjustable footrest. 2,546,871, Mar. 27.
Schley, Milton G., Waukesha, assignor to S-M Engineering Company, Watertown, Wis. Wheel assembly. 2,551,763, May 8.
Schlichtmann, Walter: *See*—
Burke, Roscoe E., Periat, and Schlichtmann.
Schlicksupp, Theodore F., Long Island City, N. Y. Rectilinear-motion ball-bearing unit. 2,546,375, Mar. 27.
Schlicksupp, Theodore F., Long Island City, N. Y. Waffle baking machine. 2,549,531, Apr. 17.
Schlitters, Michael J., Detroit, Mich. Boring and trepanning toolholder. 2,564,728, Aug. 21.
Schlobohm, Ludwig: *See*—
Stanitz, Jacques, and Schlobohm.
Schlonau, Max, and H. R. Pinkerton, Seattle, Wash., said Pinkerton assignor to said Schlonau. Spray nozzle with adjustable deflector. 2,571,768, Oct. 16.
Schloss, Alden I., New York, N. Y. Rotary processing apparatus. 2,537,792, Jan. 9.
Schloss, Benjamin, and S. Robinson, New York, N. Y., assignors to the United States of America as represented by the United States Atomic Energy Commission. Electrical scaling circuit. 2,562,645, July 31.
Schloss, Morris, Bronx, N. Y. Forced draft buffer. 2,576,364, Nov. 27.
Schlossberg, Joseph, assignee: *See*—
Baird, Harry D.
Schlosser, Michael P., Port Chester, N. Y. Compressor terminal seal. 2,579,973, Dec. 25.
Schlueter, Robert H., assignor to Vulcan Corporation, Cincinnati, Ohio. Making last blocks. 2,560,992, July 17.
Schlumberger, Marcel, Paris, France, assignor to Schlumberger Well Surveying Corporation, Houston, Tex. Well logging system. 2,562,992, Aug. 7.
Schlumberger Well Surveying Corporation, assignee: *See*—
Blanchard, André.
Doll, Henri-Georges.
Fagan, Herbert C.
Krasnow, Shelley.
Mennecier, Maurice.
Schlumberger, Marcel.
Test, Meyer J., and Krasnow.
Schlumbohm, Peter, New York, N. Y. Carafelike kettle with insulated handle, vent means in said handle, and spoutless pouring opening. 2,566,035, Aug. 28.
Schlumpf, Karl: *See*—
Reichart, Fritz, and Schlumpf.
Schluter, Bernard C., assignor of one-third to C. Kanter and one-third to E. F. Walsh, Newark, N. J. Guide for can-opening keys and tear strips. 2,572,820, Oct. 23.
Schlutz, George M., Salt Lake City, Utah. Dustpan. 2,553,727, May 22.
Schlytern, Charles E., Detroit, Mich. Electrical power-driven operator unit. 2,562,823, July 31.
Schlytern, Charles E., Detroit, Mich. Overhead door. 2,567,031, Sept. 4.
Schmachtenberg, Everett C.: *See*—
Lancaster, John E., Haeberlein, and Schmachtenberg.
Schmalz, John J.: *See*—
Suchscherer, James L., and Schmalz.
Schmarje, Clarence F., R. A. McBride, and C. H. Schmarje, assignors to Ronda Button Company, Muscatine, Iowa. Button blank cutting machine. 2,545,708, Mar. 20.
Schmarje, Clarence F., and R. B. Law, deceased, Muscatine, Iowa; B. D. Law, executrix of said R. B. Law, assignor to said C. F. Schmarje. Screw holding screw driver and pickup tool. 2,553,479, May 15.
Schmarje, Claus H.: *See*—
Schmarje, Clarence F., McBride and Schmarje.
Schmeiler, Arthur, Byram, Conn. Hot soup grease skimmer. 2,572,524, Oct. 23.
Schmeling, Ernest R., Union, Mich. Cigarette holding device. 2,539,276, Jan. 23.
Schmeling, William F., Fort Worth, Tex. Shotgun choke. 2,558,200, June 26.
Schmeiser, Theodore G., Fresno, Calif. Earthworking roller unit. 2,538,167, Jan. 16.
Schmelzle, Ambrose F.: *See*—
Palmquist, Philip V., Schmelzle, and Bye.
Schmerling, Louis: *See*—
Linn, Carl B., and Schmerling.
Thompson, Ralph B., and Schmerling.
West, James P., and Schmerling.
Schmerling, Louis, Riverside, assignor to Universal Oil Products Company, Chicago, Ill. Modification of the properties of unsaturated conjunct polymers. 2,539,675, Jan. 30.
Schmerling, Louis, Riverside, assignor to Universal Oil Products Company, Chicago, Ill. Hydrocarbon compositions. 2,558,882, July 3.
Schmerling, Louis, Riverside, assignor to Universal Oil Products Company, Chicago, Ill. Combination process for the production of saturated hydrocarbons. 2,562,217, July 31.
Schmerling, Louis, Riverside, assignor to Universal Oil Products Company, Chicago, Ill. Condensation of saturated hydrocarbons with chloroolefins. 2,562,369, July 31.
Schmerling, Louis, Riverside, assignor to Universal Oil Products Company, Chicago, Ill. Haloalkylation of thiophene. 2,563,073, Aug. 7.
Schmerling, Louis, Riverside, assignor to Universal Oil Products Company, Chicago, Ill. Production of spirohydrocarbons. 2,563,074, Aug. 7.
Schmerling, Louis, Riverside, assignor to Universal Oil Products Company, Chicago, Ill. Peroxide catalyzed polymerization of ethylene in the presence of a phenolic compound. 2,566,537, Sept. 4.
Schmerling, Louis, Riverside, assignor to Universal Oil Products Company, Chicago, Ill. Peroxide catalyzed polymerization of ethylene in the presence of an amino compound. 2,566,538, Sept. 4.
Schmerling, Louis, Riverside, assignor to Universal Oil Products Company, Chicago, Ill. Production of resins from butadiene monoxide and from mixtures of butadiene monoxide and vinyl compounds. 2,570,601, Oct. 9.
Schmerling, Louis, Riverside, and J. A. Chenicek, Bensenville, assignors to Universal Oil Products Company, Chicago, Ill. Stabilization of motor fuels. 2,573,933, Nov. 6.
Schmid, Emil, Washington, D. C. Pivoted hand tool for loosening tire beads from rim flanges. 2,579,868, Dec. 25.
Schmid, Max, Riehen, assignor to Ciba Limited, Basel, Switzerland. Production of aromatic acyl-acetoacetic anilides. 2,538,168, Jan. 16.
Schmid, Max, Riehen, and H. Johner, assignors to Ciba Limited, Basel, Switzerland. Hydroxy-compounds of the benzoxanthene series and making same. 2,546,872, Mar. 27.
Schmid, John H., assignor to J. A. Zurn Manufacturing Company, Erie, Pa. Floor drain. 2,567,355, Sept. 11.
Schmid, John H., assignor to J. A. Zurn Manufacturing Company, Erie, Pa. Nonfreezing hydrant. 2,580,197, Dec. 25.
Schmid, John H., assignor to J. A. Zurn Manufacturing Company, Erie, Pa. Check valve and venting means for hydrants. 2,580,198, Dec. 25.
Schmid, John H., assignor to J. A. Zurn Manufacturing Company, Erie, Pa. Nonfreezing hydrant. 2,580,199, Dec. 25.
Schmid, John H., Erie, J. P. Tansey, Clairton, and F. J. Seigel, Pittsburgh, assignors to J. A. Zurn Manufacturing Company, Erie, Pa. Hydrant. 2,565,993, Aug. 28.
Schmid, Leopold, Gmund, Karnten, Austria. Synchronizing device. 2,578,747, Dec. 18.
Schmid, Paul E., assignor to Reed Roller Bit Company, Houston, Tex. Throttle valve for fluid actuated rotary tools. 2,570,009, Oct. 2.
Schmid, William, Toledo, Ohio, assignor to Owens-Illinois Glass Company. Molding and broaching machine. 2,557,918, June 19.
Schmidgall, Carl H., Peoria, Ill. Brick fork. 2,557,394, June 19.
Schmidgall, Carl H., Peoria, Ill. Load stabilizer for brick fork trucks. 2,557,395, June 19.
Schmidlin, Albertus E.: *See*—
Mapes, Daniel, and Schmidlin.
Schmidlin, Albertus E., Caldwell, assignor to Specialties Development Corporation, Belleville, N. J. Air filter for compressed air systems. 2,537,094, Jan. 9.
Schmidlin, Albertus E., Caldwell, assignor to Specialties Development Corporation, Belleville, N. J. Compressor. 2,562,954, Aug. 7.
Schmidt, Adolph W.: *See*—
Pakswer, Serge, and Schmidt.
Schmidt, Alfred O.: *See*—
Armitage, Joseph B., and Schmidt.
Schmidt, Alfred T., North Hollywood, Calif. Molding for indirect lighting. 2,544,359, Mar. 6.
Schmidt, Alvin, Corn, Okla. Trailer hitch. 2,562,824, July 31.
Schmidt, Carl O., Jr., assignor to The Cincinnati Butchers' Supply Company, Cincinnati, Ohio. Safety head holder for head splitting machines. 2,549,937, Apr. 24.
Schmidt, Charles E., Ocean Springs, Miss. Hydrostatic level. 2,558,004, June 26.
Schmidt, Charles R., East Paterson, N. J., assignor to Martin Elevator Co., Inc., New York, N. Y. Elevator protective device. 2,557,843, June 19.
Schmidt, David, Lakewood, assignor to The Dobeckmun Company, Cleveland, Ohio. Method and apparatus for making lined containers. 2,546,137, Mar. 20.
Schmidt, Edward G.: *See*—
Cantalupo, Francis J., De Craene, Schmidt, Setka, and Yant.
Schmidt, Edward G., Western Springs, assignor to Crane Co., Chicago, Ill. Rotary plug valve. 2,567,032, Sept. 4.
Schmidt, Edwin L., Croton-on-Hudson, assignor to The Teleregister Corporation, New York, N. Y. Coded plate selector for inventory system. 2,564,410, Aug. 14.
Schmidt, Ernst: *See*—
Wohler, Leonard A., and Schmidt.

Schmidt, Ernst, Cuyahoga Falls, assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Reenforcing rubberlike materials. 2,560,043, July 10.
Schmidt, Francis M.: *See*—
Hayslett, Lamar E., and Schmidt.
Schmidt, Francis M., assignor to The Rudolph Wurlitzer Company, North Tonawanda, N. Y. Electronic tremulant. 2,545,432, Mar. 13.
Schmidt, Francis M., assignor to The Rudolph Wurlitzer Company, North Tonawanda, N. Y. Tone producing and amplifier control for electronic organs. 2,555,295, May 29.
Schmidt, Francis M., assignor to The Rudolph Wurlitzer Company, North Tonawanda, N. Y. Tone shaping circuit. 2,557,769, June 19.
Schmidt, Francis M., assignor to The Rudolph Wurlitzer Company, North Tonawanda, N. Y. Dividing and amplifier circuit for electronic organs. 2,559,802, July 10.
Schmidt, Francis M., assignor to The Rudolph Wurlitzer Company, North Tonawanda, N. Y. Amplitude modulated telemetering system. 2,564,928, Aug. 21.
Schmidt, Francis M., assignor to The Rudolph Wurlitzer Company, North Tonawanda, N. Y. Organ intensity control. 2,572,283, Oct. 23.
Schmidt, Fred L. A.: *See*—
Emerson, Alfred, Jr., and Schmidt.
Schmidt, Frederick W., Olympia, assignor to Western Metalcraft, Inc., Turnwater, Olympia, Wash. Knockdown wall cabinet. 2,571,622, Oct. 16.
Schmidt, Gerrit, Eindhoven, Netherlands, assignor, by mesne assignments, to Hartford National Bank and Trust Company, as trustee. Manufacturing thin wires. 2,570,869, Oct. 9.
Schmidt, Gottfried J., Pearl River, N. Y., assignor to American Machine and Foundry Company. Bowling pin setting machine. 2,578,319, Dec. 11.
Schmidt, Hans W.: *See*—
Taylor, William E., and Schmidt.
Schmidt, Harry O., Pueblo, Colo. Basement window and ventilator. 2,548,125, Apr. 10.
Schmidt, Herman W.: *See*—
Newman, Irving J., and Schmidt.
Schmidt, Howard F., assignor of one-eighth to W. J. Jason, one-eighth to T. P. Mahoney, one-eighth to M. E. Novak, San Diego, and one-eighth to G. T. Gerlach, Coronado, Calif. Flexible shaft switch-actuating means for kitchen mixer motors. 2,578,901, Dec. 18.
Schmidt, John: *See*—
Obszarny, Theodore, and Schmidt.
Schmidt, John, assignor to Crown Can Company, Philadelphia, Pa. Apparatus for feeding filled containers and heads to seaming means. 2,563,496, Aug. 7.
Schmidt, John F., Jr.: *See*—
Benton, Alfred C., and Schmidt.
Schmidt, Labertus-Willem, The Hague, Netherlands. Friction gearing with an adjustable gearing ratio. 2,570,493, Oct. 9.
Schmidt, Linda I., assignee: *See*—
Kolell, Herman F.
Schmidt, Lloyd K., assignee: *See*—
Léa, Henry V.
Schmidt, Lothar M., Syracuse, N. Y., assignor to the United States of America as represented by the Secretary of the Navy. Continuously variable high-voltage power supply. 2,573,280, Oct. 30.
Schmidt, Mark S.: *See*—
Fredenhagen, Walter S., and Schmidt.
Schmidt, Marvin L., Fort Wayne, Ind., assignor to General Electric Company. Clutch and brake mechanism. 2,544,360, Mar. 6.
Schmidt, Max, Kapfenberg, Austria. Weldable and high-temperature resisting hard alloys of cobalt and iron base. 2,553,609, May 22.
Schmidt, Otto M., Lansdale, Pa. Thread carrier. 2,569,904, Oct. 2.
Schmidt, Paul A., Earlville, Ill. Wire handling apparatus. 2,563,377, Aug. 7.
Schmidt, Paul L., Perrysville, and L. R. Hill, Pittsburgh, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Producing insulating iron oxide coatings. 2,543,710, Feb. 27.
Schmidt, Philip J., East St. Louis, Ill. Screen wire tongs. 2,578,985, Dec. 18.
Schmidt, Robert C., Waltham, assignor to Raytheon Manufacturing Company, Newton, Mass. Electron discharge device of the magnetron type. 2,553,425, May 15.
Schmidt, Theodore F., Elmhurst, Ill. Folding crib and stroller. 2,575,189, Nov. 13.
Schmidt, Thur, Chicago, Ill. Wheelbarrow storage and display assembly. 2,553,334, May 15.
Schmidt, Thur, Chicago, Ill. Tank seam. 2,566,777, Sept. 4.
Schmidt, William, Chicago, Ill. Beating wing propelled aircraft. 2,578,845, Dec. 18.
Schmidt, William B., Chicago, Ill. Brake system for amusement park rides. 2,563,075, Aug. 7.
Schmidt, William C., Cincinnati, and F. A. Zaenkert, Green Hills, assignors to The Cincinnati Butchers' Supply Corporation, Cincinnati, Ohio. Hydraulic press battery. 2,574,892, Nov. 13.
Schmidt, Willy A.: *See*—
Sprung, Joseph A., and Schmidt.
Tulagin, Vsevolod, and Schmidt.
Schmidt, Willy A., Easton, Pa., and V. Tulagin, Phillipsburg, N. J., assignors to General Aniline & Film Corporation, New York, N. Y. N-substituted 4,6-diamino metanilic acids. 2,575,027, Nov. 13.
Schmidt, Willy A., and J. A. Sprung, Easton, Pa., assignor to General Aniline & Film Corporation, New York, N. Y. Aromatic diamines as coupling components for the formation of photographic azine dyestuff images. 2,543,338, Feb. 27.
Schmidtke, Albert H., assignor to St. Joe Machines, Inc., St. Joseph, Mich. Washing machine attachment. 2,579,761, Dec. 25.
Schmidt-Nickels, Wilhelm: *See*—
Bestehorn, Heinrich H., and Schmidt-Nickels.
Schmidt-Nickels, Wilhelm, Little York, N. J., assignor to General Aniline & Film Corporation, New York, N. Y. Heterocyclic benzanthrone compounds. 2,546,138, Mar. 20.
Schmidt-Nickels, Wilhelm, Little York, N. J., assignor to General Aniline & Film Corporation, New York, N. Y. Vat dye and intermediate. 2,546,139, Mar. 20.
Schmidt-Nickels, Wilhelm, Little York, N. J., assignor to General Aniline & Film Corporation, New York, N. Y. Vat dye and intermediate. 2,562,872, July 31.
Schmied, James W., Madison, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Tape storage mechanism. 2,575,397, Nov. 20.
Schmieglitz, Willy, Berlin-Wilmersdorf, Germany. Multicolor pencil. 2,561,824, July 24.
Schmier, Jacob, Allentown, assignor to Rodale Mfg. Co., Inc., Emmaus, Pa. Two-part strain relief clamp. 2,553,681, May 22.
Schmitkons, George C., Detroit, Mich. Holder for sealed liquid container, with puncturing and dispensing means for said container. 2,544,361, Mar. 6.
Schmitt, Arthur J., Foundation, The, assignee: *See*—
Nickerson, Mortimer H.
Schmitt, Bernard A., Chicago, Ill. Sewing machine. 2,557,844, June 19.
Schmitt, George P.: *See*—
Johnston, Jared C., and Schmitt.
Schmitt, George P., assignor to Cardinal Products Inc., New York, N. Y. Catalyst unit for lighters. 2,558,061, June 26.
Schmitt, Henry A.: *See*—
Bedford, Thomas A., and Schmitt.
Schmitt, John A.: *See*—
Petering, Harold G., and Schmitt.
Schmitt, Joseph J., Erie, Pa. Aerating mixing spoon. 2,578,208, Dec. 11.
Schmitt, Joy B.: *See*—
Peeps, Donald J., Schmitt, and Daggett.
Schmitt, Otto H., Mineola, N. Y., assignor to the United States of America as represented by the Secretary of War. Square wave modulating arrangement. 2,557,697, June 19.
Schmitt, Otto H., Port Washington, N. Y., assignor to the United States of America as represented by the Secretary of the Navy. Unbalanced magnetometer. 2,560,132, July 10.
Schmitt, Otto H., Port Washington, N. Y., assignor to the United States of America as represented by the Secretary of the Navy. Remote-control system. 2,562,682, July 31.
Schmitt, Otto H., Minneapolis, Minn., W. E. Fromm, Williston, W. A. Fails, Hempstead, and I. L. Kasindorf, Bronx, assignors to Airborne Instruments Laboratory, Inc., Mineola, N. Y. Telemetering system. 2,556,556, June 12.
Schmitt, Otto H., Port Washington, and J. H. Hidy, Garden City, N. Y., assignors to the United States of America as represented by the Secretary of the Navy. Electrical bridge compensation system for magnetometers. 2,570,870, Oct. 9.
Schmitt, Otto L., Denver, Colo., assignor to Larré Laboratories, Inc. Pessary. 2,564,177, Aug. 14.
Schmitt, Roland G., Chicago, Ill., assignor to Art Lines, Inc., Detroit, Mich. Metallic ribbon imprinting apparatus for book matches. 2,547,602, Apr. 3.
Schmitt, Vernon F., San Diego, Calif. Gutter terminal. 2,545,898, Mar. 20.
Schmitt, William H., assignor to The Rialto Corporation, Rialto, Calif. Pressure regulator. 2,576,540, Nov. 27.
Schmitt, William H., assignor to The Rialto Corporation, Rialto, Calif. Back-pressure relief valve. 2,576,541, Nov. 27.
Schmitter, Walter P., Wauwatosa, assignor to The Falk Corporation, Milwaukee, Wis. Power transmission mechanism. 2,540,997, Feb. 6.
Schmitter, Walter P., Wauwatosa, assignor to The Falk Corporation, Milwaukee, Wis. Power transmission. 2,560,990, July 17.
Schmitter, Walter P., Wauwatosa, assignor to The Falk Corporation, Milwaukee, Wis. Transmission. 2,566,253, Aug. 28.
Schmitter, Walter P., Wauwatosa, assignor to The Falk Corporation, Milwaukee, Wis. Change-speed transmission. 2,579,869, Dec. 25.
Schmitz, Erich, Granges, Switzerland. Winding and setting mechanism for watch movements. 2,547,140, Apr. 3.
Schmitz, Fred W., assignor to Commercial Solvents Corporation, Terre Haute, Ind. Noncorrosive choline chloride composition. 2,576,644, Nov. 27.

Schmitz, Frederick J., Chicago, Ill. Toilet seat locking hinge. 2,578,153, Dec. 11.
Schmitz, George J., Kansas City, Mo. Fruit crate and liner. 2,561,143, July 17.
Schmoll, Henry, Parma, Ohio. Measuring instrument. 2,541,891, Feb. 13.
Schmitz, Henry A., Jr., Shorewood, assignor to A. O. Smith Corporation, Milwaukee, Wis. Bearing. 2,539,932, Jan. 30.
Schmitz, Margaret M., assignee: *See*—
Proff, Philip H.
Schmitz, Werner, Grenchen, Switzerland. Polygonal watchcase. 2,547,499, Apr. 3.
Schmitz, Werner, Grenchen, Switzerland. Waterproof quadrilateral watchcase. 2,565,396, Aug. 21.
Schmitz, Werner, Grenchen, Switzerland. Winding stem with removable crown. 2,579,340, Dec. 18.
Schmitz, William R., Jr., Newark, N. J. Thread guiding device. 2,565,397, Aug. 21.
Schmohl, Leland H., assignor to The Parker Appliance Company, Cleveland, Ohio. Valve operating means. 2,560,897, July 17.
Schmollinger, Richard: *See*—
Schoenster, Peter, and Schmollinger.
Schmorr, Arthur, and M. Katz, Bronx, N. Y.; said Katz assignor to said Schmorr. Production and utilization of water-soluble organic gallic acid compositions. 2,558,106, June 26.
Schmucker, Robert A., Jr., East Orange, C. D. Preusch, Orange, and L. F. Bowne, Jr., East Orange, N. J., assignors to Crucible Steel Company of America, New York, N. Y. Cobalt base alloy and articles thereof. 2,551,170, May 1.
Schmuckler, Charles S., Flushing, N. Y. Dehydrating and reactivating apparatus. 2,540,492, Feb. 6.
Schmutzler, Alfred F., Teaneck, N. J. Hardening printed ink films. 2,558,787, July 3.
Schmutzler, Eugene F., Beaver Dam, Wis., assignor to John Deere Van Brunt Company. Cam released clutch for grain drills. 2,561,235, July 17.
Schmutzler, Alfred F., Teaneck, N. J., and D. F. Othmer, Coudersport, Pa. Steam-set printing ink. Re. 23,382, June 26.
Schnabel, Theodore E., Southfield Township, Oakland County, Mich. Fish bait. 2,569,642, Oct. 2.
Schnabel, William H., Cedarburg, Wis. Vacuum cleaner cartridge. 2,539,867, Jan. 30.
Schnabolk, Fred, Brooklyn, N. Y. Mechanical party rotating disk game. 2,555,010, May 29.
Schnaible, Albert P., and W. F. Blakeway, assignors to Bendix Aviation Corporation, South Bend, Ind. Vapor removing system for rotary fuel metering devices. 2,539,484, Jan. 30.
Schnaible, Albert P., and F. C. Mock, assignors to Bendix Aviation Corporation, South Bend, Ind. Charge forming device. 2,569,024, Sept. 25.
Schneckenburger, Philip M., assignor to Gasoteria Corporation, Buffalo, N. Y. Coin-operated dispensing pump. 2,573,112, Oct. 30.
Schnee, Leo E., Fort Wayne, Ind. Window casing. 2,563,378, Aug. 7.
Schnee, Russell D., assignor of one-half to W. J. Helm, Kansas City, Mo. Chronometric display and control device. 2,551,707, May 8.
Schneebeli, Hugo, Courbevoie, France. Carburetor. 2,544,111, Mar. 6.
Schneeberger, Jean, assignor to Sulzer Freres, Societe Anonyme, Winterthur, Switzerland. Two-stroke internal-combustion engine. 2,572,768, Oct. 23.
Schnefel Bros., Corporation, assignee: *See*—
Gardiner, Carl W.
Schneible, Claude B., assignee: *See*—
Lundy, Alvin S.
Schneible, Claude B., Detroit, Mich. Ventilating exhaust apparatus. 2,562,130, July 24.
Schneible, Claude B., Detroit, Mich. Ventilating exhaust structure. 2,565,933, Aug. 28.
Schneible, Claude B., Detroit, and A. S. Lundy, Huntington Woods, Mich.; said Lundy assignor to said Schneible. Gas treating apparatus and method. 2,579,401, Dec. 18.
Schneid, Ira: *See*—
Feldman, Abrom L., and Schneid.
Schneider, Abraham: *See*—
Bartlett, Paul D., and Schneider.
Kennedy, Robert M., and Schneider.
Schneider, Andrew, Saginaw, Mich., assignor to Eaton Manufacturing Company, Cleveland, Ohio. Self-locking screw. 2,555,662, June 5.
Schneider Brothers Company, assignee: *See*—
Schneider, Heinrich.
Schneider & Cie, assignee: *See*—
Prache, Jacques E.
Schneider, Dana J., Painesville, Ohio. Hydraulic unit comprising reservoir, pump, and valve. 2,546,565, Mar. 27.
Schneider, Edward J., assignor to The Baldwin Company, Cincinnati, Ohio. Piano sounding board construction. 2,538,801, Jan. 23.
Schneider, Edward J., St. Louis, Mo. Lock nut. 2,540,759, Feb. 6.
Schneider, Edwin G., Watertown, Mass., assignor, by mesne assignments, to the United States of America as represented by the Secretary of War. Expanded cathode-ray indicating system. 2,555,163, May 29.
Schneider, Emmor V., assignor to The Alliance Manufacturing Company, Alliance, Ohio. Idler wheel mounting for phonograph turntable drives. 2,547,666, Apr. 3.
Schneider, Emmor V., assignor to The Alliance Manufacturing Company, Alliance, Ohio. Insulator for coils. 2,559,803, July 10.
Schneider, Ernest W., trustee, assignee: *See*—
Nickerson, Mortimer H.
Schneider, Frank, Douglaston, N. Y. Equipment for regenerating odor absorbents. 2,551,296, May 1.
Schneider, Friedrich A., Venlo, assignor to Accumulatoren Fabriek Varta N. V., Amsterdam, Netherlands. Sintered battery plate and making. 2,544,112, Mar. 6.
Schneider, Friedrich A., Venlo, assignor to Accumulatoren Fabriek Varta N. V., Amsterdam, Netherlands. Alkaline battery. 2,557,615, June 19.
Schneider, George: *See*—
Dodge, Frederick G., and Schneider.
Schneider, George, assignor to Blind Cleaners, Inc., Saginaw, Mich. Appliance for cleaning Venetian blinds. 2,579,870, Dec. 25.
Schneider, Harold B., and H. Koretz, New York, N. Y. Cloth-spreading holder. 2,572,204, Oct. 23.
Schneider, Heinrich, assignor to Schneider Brothers Company, Munice, Ind. Blading for fluid flow devices. 2,576,700, Nov. 27.
Schneider, Helmuth G., Westfield, D. W. Young, Roselle, and J. P. Rocca, Linden, N. J., assignors to Standard Oil Development Company. Polyethylene-wax compositions. 2,577,816, Dec. 11.
Schneider, Henry J.: *See*—
Croxall, Willard J., and Schneider.
Schneider, Jack, assignee: *See*—
Brenta, Roberto.
Schneider, George H., Milwaukee, Wis., assignor to Inland Steel Products Company. Slant roof ventilator. 2,551,223, May 1.
Schneider, John D., Deerfield, Ill. Carton and easel for sheets. 2,542,949, Feb. 20.
Schneider, John E., Minisink Hills, Pa. Antiskid chains for pneumatic tires. 2,569,077, Sept. 25.
Schneider, John F., Lowell, Ind. Bulldozer attachment for tractors. 2,554,505, May 29.
Schneider, John G., Toledo, Ohio. Flashlight switch. 2,564,612, Aug. 14.
Schneider, John H., Irwin, assignor to Mine Safety Appliances Company, Pittsburgh, Pa. Harness release. 2,544,399, Mar. 6.
Schneider, Lester A.: *See*—
Klammer, William C., R. A. and L. A. Schneider, and Mattson.
Schneider, Max, assignee: *See*—
Bachmann, Jules.
Schneider, Max S., Chicago, Ill. Article support for electroplating racks. 2,562,683, July 31.
Schneider, Murray J., assignor of thirty-three and one-third per cent to L. Weiss, Bronx, and thirty-three and one-third per cent to M. Liss, Arverne, N. Y. Mirrored picture frame. 2,538,386, Jan. 16.
Schneider, Paul L.: *See*—
Critchfield, Robert M., and Schneider.
Schneider, Paul L., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Airplane engine controller. 2,563,283, Aug. 7.
Schneider, Paul L., D. W. Nighbert, and H. J. Cromwell, Anderson, Ind., assignors to General Motors Corporation, Detroit, Mich. Engine starter drive. Re. 23,359, Apr. 17.
Schneider, Paul L., and D. H. Dudderar, Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Engine starting apparatus. 2,542,712, Feb. 20.
Schneider, Raymond A.: *See*—
Klammer, William C., R. A. and L. A. Schneider, and Mattson.
Schneider, Walter E.: *See*—
Baker, Leonard, and Schneider.
Schneider, Walter H., Ridgefield, assignor to Keuffel & Esser Company, Hoboken, N. J. Drawing instrument. 2,559,470, July 3.
Schneider, Walter H., Ridgefield, assignor to Keuffel & Esser Company, Hoboken, N. J. Lettering scriber. 2,574,664, Nov. 13.
Schneider, Walter H., Zurich, Switzerland. Production of staple fibers of artificial materials such as rayon. 2,569,957, Oct. 2.
Schneider, William A., Greensboro, N. C., assignor to Western Electric Company, Incorporated, New York, N. Y. Automatic machine for metering and applying adhesive to diaphragms. 2,571,065, Oct. 9.
Schneider, William C., Stamford, and J. J. Padbury, Springdale, Conn., assignors to American Cyanamid Company, New York, N. Y. Compositions comprising polyacrylonitrile and β,β'-iminodipropionitrile. 2,559,172, July 3.
Schneider, William G., Maumee, Ohio. Electrical condenser. 2,539,332, Jan. 23.
Schnell, Effner, Brillion, Wis. Retractable wheel lug. 2,544,050, Mar. 6.
Schnell, Ernst E., Horicon, Wis., assignor to John Deere Van Brunt Company. Grain drill. 2,561,236, July 17.

Schnell, Frank A.: *See*—
Childs, Wayne R., Schnell, and Newman.
Schnell, Steve, Kirkwood, assignor to Wagner Electric Corporation, St. Louis, Mo. Wheel cylinder support. 2,541,551, Feb. 13.
Schnepp, Ottmar, Fellbach, near Stuttgart, Germany, assignor to W. C. Palmer, New York, N. Y. Soldering tool. 2,550,090, Apr. 24.
Schnider, Otto, and A. Grüssner, Basel, Switzerland, assignors to Hoffmann-La Roche, Inc., Nutley, N. J. Octahydroisoquinoline derivatives. 2,554,842, May 29.
Schnitger, Wilbert F., Waukesha, assignor of one-half to E. E. Southall, Milwaukee, Wis. Device for cleaning, lubricating, and sealing barrels of guns. 2,559,376, July 3.
Schnitt, Arthur, Buffalo, assignor to Bell Aircraft Corporation, Wheatfield, N. Y. Rotor blade construction. 2,580,363, Dec. 25.
Schnitzer, Benjamin J.: *See*—
Bateman, Ralph C., and Schnitzer.
Schnoebelen, Earl L., Rock Island, Ill., assignor to J. O. Stephenson, Detroit, Mich. Switch for static and dynamic balancing. 2,565,577, Aug. 28.
Schnorf, Armand, Lausanne, J. Nabholz, and B. Sguaitamatti, Muttenz, Switzerland, assignors to Aluminum Company of America, Pittsburgh, Pa. Producing aluminum fluoride. 2,540,493, Feb. 6.
Schnure, Frederick O., Jr., Cleveland, Ohio, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Induction heating of flat metal by transverse flux. 2,556,223, June 12.
Schnyder, Conrad W., assignee: *See*—
Grupp, Wilhelm.
Schobert, Layton, Fort Worth, Tex. Valve. 2,566,071, Aug. 28.
Schoch, Fred C., Oak Park, Ill. Closure lock. 2,570,160, Oct. 2.
Schock, Gusmer & Co., Inc., assignee: *See*—
Heller, William, and Stammberger.
Schock, Robert E., Riverhead, N. Y., assignor to Radio Corporation of America. Locking circuit and control. 2,545,214, Mar. 13.
Schoelles, Norman A., West Englewood, N. J., assignor to General Aniline & Film Corporation, New York, N. Y. Bottle package. 2,576,725, Nov. 27.
Schoemann, Fred M., assignor to C. G. Conn, Ltd., Elkhart, Ind. Key pad for wind instruments. 2,540,760, Feb. 6.
Schoemehl, Henry F., Seelyville, Ind., assignor to Radio Corporation of America. Erasing system for magnetic recorders. 2,560,483, July 10.
Schoen, Edgar J., assignee: *See*—
Andresen, Raymond H.
Schoen, Herbert J., assignee: *See*—
Andresen, Raymond H.
Schoen, Karl, Kew Gardens, assignor to Endo Products, Inc., Richmond Hill, N. Y. Para-amino, gamma resorcylic acid and salts and manufacture. 2,572,284, Oct. 23.
Schoen, Walter A., assignor to Milprint, Inc., Milwaukee, Wis. Producing sealed bags. 2,576,542, Nov. 27.
Schoenberg, Benjamin, Corona, N. Y. Supporting member for pull chain switches. 2,545,973, Mar. 20.
Schoenberg, Herbert H., executor: *See*—
Orling, Ernest R.
Schoenbrod, Leslie K., assignor to Electro Manufacturing Corporation, Chicago, Ill. Lighting fixture installation. 2,578,022, Dec. 11.
Schoenbrod, Leslie K., assignor to Electro Manufacturing Corporation, Chicago, Ill. Plastic louver for fluorescent lights. 2,579,015, Dec. 18.
Schoenbrun, Nathan, Scranton, Pa. Child restrainer. 2,568,304, Sept. 18.
Schoene, Dwight L.: *See*—
Harris, Walter D., and Schoene.
Schoene, Dwight L., Naugatuck, Conn., assignor to United States Rubber Company, New York, N. Y. Divinyl sulfone tanned proteins. 2,579,871, Dec. 25.
Schoene, Dwight L., Woodbridge, Conn., assignor to United States Rubber Company, New York, N. Y. Oxybisphenylsulfonhydrazide. 2,552,065, May 8.
Schoene, Dwight L., and V. S. Chambers, Naugatuck, Conn., assignors to United States Rubber Company, New York, N. Y. Treatment of hydroxylated polymers. 2,539,704, Jan. 30.
Schoeneman, J., Incorporated, assignee: *See*—
Saari, Mathew, and De Cesare.
Schoenfeld, Earl H.: *See*—
Brown, William, and Schoenfeld.
Schoenfeld, Earl H., Mamaroneck, N. Y., assignor to Radio Corporation of America. Tuning indicator for frequency modulation receivers. 2,539,639, Jan. 30.
Schoenheit, Eugene C., Portland, Oreg. Andiron for fireplaces. 2,569,198, Sept. 25.
Schoenholz, Daniel, and H. Terry, New York, N. Y. Coating composition. 2,536,018, Jan. 2.
Schoenholz, Daniel, Bronx, N. Y., and G. O. Morrison, Milltown, N. J. Preparation of freeze-stable polyvinyl acetate emulsion compositions. 2,536,470, Jan. 2.
Schoening, Frederick C.: *See*—
Wheeler, Phillip E., Morgan, and Schoening.
Schoeninger, Adolf O., Irvington, N. J., assignor to Forstner Chain Corporation. Basket weave bracelet chain. 2,574,125, Nov. 6.
Schoenlaub, Robert A., assignor to Sylvester & Company, Cleveland, Ohio. Recovery of manganese from compound silicate material. 2,539,485, Jan. 30.
Schoenlaub, Robert A., assignor to Sylvester & Company, Cleveland, Ohio. Recovery of metallic oxides such as zirconia. 2,578,748, Dec. 18.
Schoenster, Peter J., Teaneck, and R. Schmollinger, Ridgefield, assignors to Alfred Hofmann & Co., West New York, N. J. Holding yarn ends. 2,560,484, July 10.
Schoenster, Peter J., Teaneck, and M. E. Ebert, assignors to Alfred Hofmann & Co., West New York, N. J. Knitting machine. 2,569,582, Oct. 2.
Schoenwald, Alexander, Binghamton, N. Y., assignor to Instant Tool Corporation. Electric soldering iron. 2,554,926, May 29.
Schoepe, Harry: *See*—
Curtis, Muron S., and Schoepe.
Schoepf, Albin K., assignor to Sun Chemical Corporation, New York, N. Y. Moisture setting paint. 2,558,665, June 26.
Schoessow, Glen J.: *See*—
Langvand, Ivar L., and Schoessow.
Schoffman, Milton: *See*
MacKenzie, Charles A., and Schoffman.
Schoffstall, Donald G.: *See*—
Post, Carl B., and Schoffstall.
Schofield, Earl L., Rockford, assignor, by mesne assignments, to Burgess Battery Company, Freeport, Ill. Flat pocket hand lamp. 2,579,762, Dec. 25.
Schofield, Hazen A., San Francisco, Calif. Shelving. 2,579,052, Dec. 18.
Schofield, James: *See*—
Richey, Bert, and Schofield.
Scholfield, Richard P., White Plains, and L. R. Houghtaling, Yonkers, N. Y., said Houghtaling assignor to said Scholfield. Filing chair. 2,560,001, July 10.
Schofield, William F., Pawtucket, R. I., assignor, by mesne assignments, to Niles-Bement-Pond Company, West Hartford, Conn. Multiple tapping head. 2,556,601, June 12.
Scholes, Addison B., Georgetown, and O. Mann, Danvers, assignors to Sylvania Electric Products Inc., Salem, Mass. Apparatus for fabricating insulating members for lamp bases and the like. 2,573,365, Oct. 30.
Scholes, Richard T., Hinsdale, Ill. Anticreeping device for railway rails. 2,546,046, Mar. 20.
Scholfield, Richard P., and R. E. Kelly, New York, N. Y., assignors to Wheeldex Manufacturing Co., Inc. Filing apparatus. 2,536,574, Jan. 2.
Scholin, Axel R., Chicago, Ill. Toggle mechanism and switch incorporating same. 2,571,623, Oct. 16.
Scholl, Elwood L., Detroit, Mich., assignor to United States Rubber Company, New York, N. Y. Electrodepositing a metal layer on rubber. 2,551,342, May 1.
Scholl, Elwood L., Detroit, Mich., assignor to United States Rubber Company New York, N. Y. Electrodepositing a metal layer on rubber. 2,551,343, May 1.
Scholl, Elwood L., Detroit, Mich., assignor to United States Rubber Company, New York, N. Y. Electrodepositing a metal layer on rubber. 2,551,344, May 1.
Scholl, James L., Las Vegas, Nev. Mechanical device for teaching harmonica playing. 2,543,471, Feb. 27.
Scholl Mfg. Co., Inc., The, assignee: *See*—
Coldiron, Harold A.
Kemp, Milton H.
Rosenfield, Benjamin.
Scholl, Walter H., Washington, D. C. Sealing pipe joints. 2,573,366, Oct. 30.
Scholl, William M., Chicago, Ill. Corn pad. 2,575,133, Nov. 13.
Scholz, Caesar R.: *See*—
Djerassi, Carl, and Scholz.
Scholz, Frank, Wayland, Mass. X-ray apparatus. 2,560,-782, July 17.
Scholz, Herbert H., and A. M. Taylor, Maplewood, N. J., assignors to Interchemical Corporation, New York, N. Y. Oil-modified alkyd resin modified with cellulose derivative. 2,553,682, May 22.
Scholz, Herman A., Evanston, and E. E. Saville, Palantine, assignors to United States Gypsum Company, Chicago, Ill. Fire-retardant paints. 2,566,964, Sept. 4.
Scholz, Louis A., Baltimore, Md. Food products and making the same. 2,568,369, Sept. 18.
Scholz, Theodore F.: *See*—
Hultquist, Martin E., and Scholz.
Schomer, Hans O.: *See*—
Taylor, Joseph H., and Schomer.
Schommer, Oliver J., Melrose Park, Ill., assignor to C. E. Hovey, Kansas City, Mo., as trustee. Automatic timer for welding machines. 2,538,881, Jan. 23.
Schonauer, Dennis A., Mansfield, Ohio. Combined bumper grill hitch. 2,537,553, Jan. 9.
Schonberg, Harry E., Indianapolis, Ind., assignor to The Linde Air Products Company. Welded pipe joint. 2,538,882, Jan. 23.
Schonitzer, Rudolph I., assignee: *See*—
Allen, Edwin L.
De Vito, Angelo R.
Schonstedt, Erick O., Minneapolis, Minn. Cable-suspended aerodynamic body. 2,549,857, Apr. 24.
Schooley, Allen H., Washington, D. C. Double aperture generator. 2,559,666, July 10.
Schoon, Harley J., Canton, Ill. Prong and screw plug. 2,537,238, Jan. 9.

Schoon, Harley J., Canton, Ill. Sacking device with pivotally mounted sack support. 2,574,295, Nov. 6.
Schoonenberg, Pancras, and P. van Zonneveld, Eindhoven, Netherlands, assignors, by mesne assignments, to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Apparatus for manufacturing strip-like glass. 2,578,986, Dec. 18.
Schoonover, Archie G.: *See*—
Feild, Theophilus A., Jr., and Schoonover.
Schoor, Samuel, assignor, by mesne assignments, to Copper Clad Products Inc., Newark, N. J. Back. 2,577,860, Dec. 11.
Schorer, Otto J., Northampton, Mass., assignor to Worthington Pump and Machinery Corporation, Harrison, N. J. Lubricator for percussive tools. 2,536,890, Jan. 2.
Schostak, Abraham W., Miami, Fla. Motion controlled braked operator. 2,561,482, July 24.
Schoth, Warren E., Elkhart, Ill. Fan attachment for harvesting combines. 2,557,235, June 19.
Schott, Harold C., assignee: *See*—
Pelouch, James J.
Schultz, Paul I., and Pelouch.
Snider, Theodore O.
Schott, Howard H.: *See*—
Holland, Glen A., and Shcott.
Schott, John E., New York, N. Y., and E. Laug, Union City, N. J., assignors to Socony-Vacuum Oil Company, Incorporated. Emulsifiable hydrocarbon oils. 2,540,795, Feb. 6.
Schott, Samuel C.: *See*—
Mason, Fred H., and Schott.
Schottler, Henry, New Orleans, La., assignor to Roller Gear Corporation, New York, N. Y. Variable-speed frictional gearing. 2,559,230, July 3.
Schou, Aage A. J., Copenhagen, Denmark. Machine for supplying air to pneumatic relooping tools. 2,544,051, Mar. 6.
Schou, Carl E., Seattle, assignor to Pacific Car and Foundry Company, Renton, Wash. Transfer transmission mechanism. 2,574,986, Nov. 13.
Schouboe, Leonard B., Tacoma, Wash. Hitch for wrecking trucks. 2,555,663, June 5.
Schouteden, Ferdinand L., Wilrijk-Antwerp, and R. G. Tritsmans, assignors to Gevaert Photo-Producten N. V., Mortsel-Antwerp, Belgium. Preparation of vinyl halides. 2,566,146, Aug. 28.
Schouteden, Ferdinand L. M., and R. G. Tritsmans, Antwerp, assignors to Gevaert Photo-Producten N. V., Mortsel-Antwerp, Belgium. Polymerization of unsaturated compounds utilizing a catalyst mixture. 2,565,783, Aug. 28.
Schouten, Jan F., and N. Rodenburg, Eindhoven, Netherlands, assignors to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Counting relay system. 2,561,073, July 17.
Schouwenaars, Marcel A.: *See*—
Van de Straete, Leo A., and Schouwenaars.
Schouwenaars, Marcel A., Edegem-Antwerp, L. A. Van de Straete, Mortsel-Antwerp, and O. H. Van den Broele, Wilrijk-Antwerp, assignors to Gevaert Photo-Producten N. V., Mortsel-Antwerp, Belgium. Supersensitized silver halide emulsions containing a meso-alkoxyl substituted carbocyanine and a 2,2′ cyanine. 2,570,494, Oct. 9.
Schowalter, Clarence H., Beloit, Wis., assignor to Fairbanks, Morse & Co., Chicago, Ill. Gas engine operation. 2,561,598, July 24.
Schowalter, Clarence H., Beloit, Wis., assignor to Fairbanks, Morse & Co., Chicago, Ill. Gas engine. 2,562,511, July 31.
Schowerer, George J.: *See*—
Worthington, Emory W., and Schowerer.
Schrader, Gerhard, Opladen-Bruchhausen, assignor to Farbenfabriken Bayer, Leverkusen, Germany. Neutral esters of thiophosphoric acid. 2,571,989, Oct. 16.
Schrader, Harold J., Haddonfield, N. J., assignor to Radio Corporation of America. Display of three-dimensional information. 2,549,641, Apr. 17.
Schrader, Jean L., Lyon, France, assignor to American Securit Company, Washington, D. C. Apparatus for tempering glass objects, particularly plate glass. 2,553,945, May 22.
Schrader, Leslie V. W., assignee: *See*—
Pahal, William.
Schrader, Martin W., Lafayette, La. Snatch block. 2,555,059, May 29.
Schrader, Martin W., Lafayette, La. Piston rod rotating attachment for reciprocating pumps. 2,568,828, Sept. 25.
Schraffenberger, Elizabeth: *See*—
De Becze, George I., Moore, and Schraffenberger.
Schrage, Frederick S., Rock Island, Ill., assignor to The Bettendorf Company, Bettendorf, Iowa. Car truck. 2,555,011, May 29.
Schrage, Wayne C., assignee: *See*—
Ehrler, Freeman O.
Schrager, Joseph, Miami, Fla. Vending machine. 2,575,300, Nov. 13.
Schram, Irwin H., Jr.: *See*—
Chester, Allan E., and Schram.
Schramm, Alfred H.: *See*—
Auth, Charles G., and Schramm.
Schramm, Charles W.: *See*—
Kannenberg, Walter F., Kinzer, Schramm, and Wilson.
Schrank, Neil M., assignor of one-half to E. Schempp, Maidstone, Saskatchewan, Canada. Adjustable draft mounting for revertible draft heater fire pots. 2,569,781, Oct. 2.
Schreckengost, Harold C., Titusville, Pa. Infant bathtub support. 2,563,076, Aug. 7.
Schreffler, Robert Z., Philipsburg, Pa. Hollow glass block wall. 2,542,581, Feb. 20.
Schreiber, Carl W., assignor to General Glass Equipment Co., Atlantic City, N. J. Apparatus for finishing glassware. 2,548,743, Apr. 10.
Schreiber, Carl W., Toledo, Ohio, assignor to General Glass Equipment Co., Atlantic City, N. J. Finishing glassware. 2,571,066, Oct. 9.
Schreiber, Eduard, assignor to E. Leitz, G. m. b. H., Wetzlar, Germany. Apparatus for clamping a copy board on the base plate of a photographic enlarging apparatus. 2,560,190, July 10.
Schreiber, John F.: *See*—
Cassidy, Robert C., Schreiber, and Tidd.
Schreiber, John F., Passaic, N. J., assignor to United States Rubber Company, New York, N. Y. Electrical heating panel. 2,540,295, Feb. 6.
Schreiber, Raemer E.: *See*—
King, L. D. Percival, Baker, and Schreiber.
Schreiber, Richard S., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Allylated polymeric ketones. 2,542,782, Feb. 20.
Schreiner, Edmund D., Washington, D. C., and B. Howland, La Fayette, Ind. Radio receiver with logarithmic response circuit. 2,548,913, Apr. 17.
Schremp, Frederick W., Elmira, assignor to Remington Rand Inc., New York, N. Y. Cushioned escapement support. 2,579,763, Dec. 25.
Schremp, Frederick W., Stamford, and E. J. Yeo, Norwalk, Conn., assignors to Remington Rand Inc., New York, N. Y. Visible margin-stop setting mechanism for typewriters. 2,569,696, Oct. 2.
Schreyer, James M., Lexington, Ky. Use of alkali metal ferrate as a decolorizing agent for caustic solutions. 2,536,703, Jan. 2.
Schreyer, Ralph C., New Castle, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. One-step butyl alcohol process. 2,564,130, Aug. 14.
Schreyer, Ralph C., assignor to E. I. du Pont de Nemours and Company, Wilmington, Del. Cyano aldehyde compound. 2,564,131, Aug. 14.
Schrimpe, Conrad F., Woodbridge, N. J., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Phenol-modified acetone resins. 2,538,883, Jan. 23.
Schrimpe, Conrad F., Woodbridge, N. J., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Acetone-formaldehyde resins. 2,538,884, Jan. 23.
Schrimpe, Conrad F., Woodbridge, N. J., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Acetone resin modified phenol resins. 2,545,559, Mar. 20.
Schrimpe, Conrad F., Woodbridge, N. J., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Acetone resin. 2,570,389, Oct. 9.
Schriner, John E.: *See*—
Meyers, George L., and Schriner.
Meyers, George L., Schriner, and Shutt.
Schrink, John J.: *See*—
Button, Leslie M., Trowbridge, and Schrink.
Schrock, Daniel A., assignor to Idaho Sprocket and Machine Works, Boise, Idaho. Pulley device. 2,548,399, Apr. 10.
Schrock, Daniel A., assignor to Idaho Sprocket and Machine Works, Boise, Idaho. Apparatus for thermochemically cutting gears. 2,573,653, Oct. 30.
Schrock, Daniel A., assignor to Idaho Sprocket and Machine Works, Boise, Idaho. Apparatus for thermochemically cutting gears. 2,573,654, Oct. 30.
Schrock, Jacob N., Phoenix, Ariz. Sliding automobile shade. 2,559,471, July 3.
Schroder, Otto: *See*—
Bochmann, Otto, Schroder, and Lenk.
Schroeder, Alfred C.: *See*—
Sziklai, George C., and Schroeder.
Schroeder, Alfred C., Feasterville, Pa., assignor to Radio Corporation of America. Color television tube. 2,545,974, Mar. 20.
Schroeder, Alfred C., Feasterville, Pa., assignor to Radio Corporation of America. Antenna system. 2,551,171, May 1.
Schroeder, Alfred C., Southhampton, Pa., assignor to Radio Corporation of America. Indicating television image distribution. 2,576,859, Nov. 27.
Schroeder, Alfred C., Southampton, Pa., assignor to Radio Corporation of America. Color television system. 2,579,705, Dec. 25.
Schroeder, Arthur M., Chicago, Ill. Feather drying system. 2,574,848, Nov. 13.
Schroeder, Carl J., Hammond, Ind., assignor to Standard Oil Company, Chicago, Ill. Candle-receiving rack. 2,545,171, Mar. 13.
Schroeder, Carl J., Hammond, Ind., assignor to Standard Oil Company, Chicago, Ill. Wax mixing device. 2,555,250, May 29.

Schroeder, Carleton B., assignee: *See*—
Harvey, Charles D.
Schroeder, Charles S., Philadelphia, Pa., assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Industrial truck. 2,548,322, Apr. 10.
Schroeder, Christie L.: *See*—
Olds, Dean, and Schroeder.
Schroeder, Elmer F.: *See*—
Papesch, Viktor, and Schroeder.
Schroeder, Emil W.: *See*—
McMillan, John L., and Schroeder.
Schroeder, Emmett H., Hutchinson, Kans. Clip-applying tool. 2,555,903, June 5.
Schroeder, Frank J., Rochester, N. Y. Electric cigarette lighter. 2,537,710, Jan. 9.
Schroeder, George H.: *See*—
McEachron, Edgar D. and Edgar J., and Schroeder, and Friang.
Schroeder, Herbert S., Niagara Falls, and I. M. Logan, Lewiston, assignors to The Carborundum Company, Niagara Falls, N. Y. Bonded alumina refractories and manufacture. 2,569,430, Sept. 25.
Schroeder, Herman E., Wilmington, Del., and J. Deinet, Glassboro, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Azo dye intermediates of the anthraquinone series. 2,559,667, July 10.
Schroeder, Herman E., Wilmington, Del., and J. Deinet, Glassboro, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Azo anthraquinone vat dyes and intermediates. 2,559,668, July 10.
Schroeder, Herman E., Wilmington, Del., and J. Deinet, Glassboro, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Vat dyes of the azo anthraquinone oxazole series. 2,559,669, July 10.
Schroeder, Herman E., and L. A. Ringrose, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Azo compounds of the thiophanthraquinone series. 2,559,670, July 10.
Schroeder, Herman E., and L. A. Ringrose, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Azo Compounds of the thiophanthraquinone series. 2,559,671, July 10.
Schroeder, Herman E., and L. A. Ringrose, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Azo compounds of the thiophanthraquinone series. 2,559,672, July 10.
Schroeder, Herman E., and L. A. Ringrose, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Azo dyes of the thiophanthraquinone series. 2,559,673, July 10.
Schroeder, Herman E., and L. A. Ringrose, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Dyes of the thiophanthraquinone series. 2,559,674, July 10.
Schroeder, Herman E., Wilmington, Del., and J. Deinet, Glassboro, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Vat dyes of the azo anthraquinone series. 2,559,675, July 10.
Schroeder, Herman E., and L. A. Ringrose, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Anthraquinone vat dyestuffs. 2,559,676, July 10.
Schroeder, Herman E., Kennett Square, Pa., and L. A. Ringrose, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Amino-halogen-thiophanthraquinones. 2,559,677, July 10.
Schroeder, Herman E., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparing 4,4′-nitrophenyl benzoic acid. 2,567,126, Sept. 4.
Schroeder, John, New York, N. Y. Diaphragm pump. 2,575,398, Nov. 20.
Schroeder, John H., Melrose Park, Ill. Rear-vision means for auto vehicles. 2,573,812, Nov. 6.
Schroeder, Orval W.: *See*—
Brill, Edward F., and Schroeder.
Schroeder, William M., Libertyville, Ill. Fluid coupling. 2,537,095, Jan. 9.
Schroenrock, Otto R., Oak Park, Ill., assignor to J. I. Case Company, Racine, Wis. Manifold and heater construction for internal-combustion engines. 2,551,764, May 8.
Schroepfer, Frederick W., assignor of ten per cent to M. A. High, ten per cent to W. N. Schaefer, and ten per cent to Fluid Transmissions Research Corporation, Baltimore, Md. Variable stroke pump. 2,539,277, Jan. 23.
Schroer, Gerhard J.: *See*—
Hansen, George H., Schroer, and Manley.
Schroer, Paul, Elmont, N. Y. Dispensing applicator. 2,565,889, Aug. 28.
Schroeter, Bruno, assignor to O. & S. Bearing Company, Detroit, Mich. Bearing. 2,560,133, July 10.
Schroeter, Bruno, assignor to O. & S. Bearing Company, Detroit, Mich. Self-lubricating bearing. 2,560,134, July 10.
Schroeter, George A., Briar Cliff Manor, N. Y. Therapeutic bath fluid circulating apparatus. 2,559,678, July 10.
Schroff, Joseph, New York, N. Y. Safety cigarette holder. 2,541,837, Feb. 13.
Schroth, Charles W. H., Jr., assignee: *See*—
Johnson, Dorothy E.
Schrougham, Benton, Beech Grove, Ind. Power-driven swing. 2,564,547, Aug. 14.
Schryber, Emil A., Lynbrook, assignor to Extended Surface Division of David E. Kennedy, Inc., Brooklyn, N. Y. Chuck for manufacture of finned tubing. 2,538,950, Jan. 23.
Schubert, Albert E., Schenectady, N. Y., and C. E. Reed, Pittsfield, Mass., assignors to General Electric Company. Rectification of methylchlorosilanes. 2,563,557, Aug. 7.
Schubert, Alvin E., assignor to Eastman Kodak Company, Rochester, N. Y. Photographic apparatus for successively copying each side of a document. 2,578,320, Dec. 11.
Schubert, Alvin E., H. P. Hintz, and J. F. Egan, assignors to Eastman Kodak Company, Rochester, N. Y. Automatic shutdown arrangement for document copying apparatus. 2,552,220, May 8.
Schubert, Rudolf R., assignee: *See*—
Lee, Arthur L.
Schubert, Rudolf R., assignor to Greensburg Machine Company, Greensburg, Pa. Railway truck frame. 2,547,720, Apr. 3.
Schuch, John A.: *See*—
Dietert, Harry W., Schuch, and Steinmueller.
Schuck, Carl L.: *See*—
Powell, Alric H., and Schuck.
Schuck, Oscar H., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Gyro erection apparatus. 2,559,094, July 3.
Schuck, Raymond W., Buffalo, N. Y., assignor, by mesne assignments, to the United States of America as represented by the Secretary of the Navy. Sleeve-bearing assembly. 2,551,973, May 8.
Schuder, Paul S., Woodland, Calif. Well casing joint. 2,537,284, Jan. 9.
Schueder, George, and H. L. Dunlap, Dearborn, and J. Gavagan, assignors to Evans Products Company, Detroit, Mich. Foldable seat. 2,577,817, Dec. 11.
Schueler, Alfred E., and H. T. Walton, Pittsburgh, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Enclosed circuit interrupter. 2,550,125, Apr. 24.
Schueler, George B. E.: *See*—
Fleck, Harry R., and Schueler.
Schuerman, Edward F., Cincinnati, Ohio. Display device. 2,537,239, Jan. 9.
Schuessler, Norman G., San Angelo, Tex. Portable armrest for automobiles. 2,572,526, Oct. 23.
Schuett, Henry, Algonquin, Ill. Surveying instrument. 2,549,244, Apr. 17.
Schuftan, Paul M., Richmond Hill, assignor to The British Oxygen Company Limited, London, England. Precooling and purification of gaseous mixtures prior to liquefaction. 2,555,060, May 29.
Schuhmann, Richard L., assignor to American Duplex Company, Louisville, Ky. Coffee grinder feed and control device. 2,560,826, July 17.
Schulder, Paul, Brooklyn, assignor to Consolidated Sewing Machine & Supply Co., Inc., New York, N. Y. Power transmitter. 2,544,768, Mar. 13.
Schuldt, La Verne M., Stickney, S. Dak. Trunk lid lock for automobiles. 2,570,390, Oct. 9.
Schule, Earl, A., Deer River, Minn., assignor of one-half to E. S. Morris, Houston, Tex. Trailer hitch. 2,567,530, Sept. 11.
Schule, Frederick W.: *See*—
Rylsky, Gregory V., and Schule.
Schulein, Joseph, Corvallis, Oreg. Production of chromic oxide. 2,574,065, Nov. 6.
Schuler, Edward E., Grosse Pointe Park, assignor to Parke, Davis & Company, Detroit, Mich. Closure for multiple dose vials. 2,561,294, July 17.
Schuler, Frederic W.: *See*—
Steahly, Frank L., Stoughton, and Schuler.
Schuler, Frederick A., Columbus, Ohio. Filtering media. 2,544,733, Mar. 13.
Schulerud, Albert L., Nutley, assignor to Colgate-Palmolive-Peet Company, Jersey City, N. J. Material handling apparatus and process. 2,563,876, Aug. 14.
Schuller, Pierre, Dacazeville, assignor to Societe Anonyme de Commentry-Fourchambault & Dacazeville, Paris, France. Apparatus for detecting the caloric outputs of gaseous fuels. 2,574,665, Nov. 13.
Schulman, Earl L., Swissvale, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Press. 2,575,734, Nov. 20.
Schulman, Earl L., Swissvale, Pa., and G. S. Reeder, Washington, D. C., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Flexible mica compositions. 2,575,733, Nov. 20.
Schulman, James H.: *See*—
Von Hippel, Arthur, Bloom, and Schulman.
Schulman, Solomon, New York, N. Y. Dispensing valve for surface coating mops, having a cord operated valve actuating lever. 2,566,429, Sept. 4.
Schulmerich Electronics, Incorporated, assignee: *See*—
Kunz, Jacob T.
Schulstadt, Herbert H., Middletown, N. J. Dehydrator. 2,579,053, Dec. 18.
Schulte, Frank W.: *See*—
Elvin, William J., and Schulte.
Schulte, Fred: *See*—
Bowes, Thomas D., Schulte, and Hutchins.
Schulte, Friedrich W. K.: *See*—
Hancock, Peter F., and Schulte.

Schulte, Theodore H., assignee: *See*—
Judy, John S.

Schultheis, Harry B., Jr., Pacoima, Calif., assignor to Bendix Aviation Corporation, South Bend, Ind. Regenerative electromechanical transducer. 2,545,007, Mar. 13.

Schultheis, Louis J., assignor to Pittsburgh Waterproof Company, Pittsburgh, Pa. Field cover. 2,540,380, Feb. 6.

Schultheiss, Carl E., Libertyville, assignor to S & C Electric Company, Chicago, Ill. Time delayed repeater fuse construction. 2,563,558, Aug. 7.

Schultz, Abraham, Brooklyn, N. Y. Closure operator. 2,543,711, Feb. 27.

Schultz, Albert A., Jr., Rogers City, Mich. Fishing device. 2,554,927, May 29.

Schultz, Alfred, and C., Upham, N. Dak. Wheeled rotary straw mulcher. 2,573,992, Nov. 6.

Schultz, Alfred W., assignor to Clearing Machine Corporation, Chicago, Ill. Plastic molding. 2,542,263, Feb. 20.

Schultz, Arthur P.: *See*—
Gerhardt, Andrew H., and Schultz.

Schultz, Carl: *See*—
Schultz, Alfred, and C.

Schultz, Charles C., Calgary, Alberta, Canada. Repackable oil filtering cartridge. 2,559,133, July 3.

Schultz, Charlie F., Belle Plaine, Minn. Vehicle license plate holder. 2,555,706, June 5.

Schultz Die Casting Company, assignee: *See*—
Holmes, Burton F., and Heindel.

Schultz, Edward L., assignor to Endicott Johnson Corporation, Endicott, N. Y. Vamp lining for safety shoes. 2,578,987, Dec. 18.

Schultz, Frank E.: *See*—
Warren, Pickett L., and Schultz.

Schultz, Frank J.: *See*—
Kingsbury, Franklin L., and Schultz.

Schultz, Frank J., Fords, N. J., assignor to National Lead Company, New York, N. Y. Solubilizing titaniferous materials. 2,576,483, Nov. 27.

Schultz, Fred J., Cambridge Springs, Pa. Interlocked concrete building block construction. 2,539,868, Jan. 30.

Schultz, George H. W., Saugus, Calif. Jingle bell top. 2,558,464, June 26.

Schultz, Harold B., assignor to Bendix Aviation Corporation, South Bend, Ind. Master cylinder sealing and compensating means. 2,569,025, Sept. 25.

Schultz, Harold W., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Friction material. 2,553,215, May 15.

Schultz, Harold W., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Brake shoe cementing method. 2,556,709, June 12.

Schultz, Harold W., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Friction material. 2,569,539, Oct. 2.

Schultz, Henry J., Hayward, Calif., assignor to B. Walker. Venetian blind. 2,578,749, Dec. 18.

Schultz, Herman, Hawarden, Iowa. Artificial limb. 2,542,436, Feb. 20.

Schultz, Howard L.: *See*—
Cooper, Harold G., and Schultz.
Cooper, Harold S. G., and Schultz.

Schultz, Jack L., Syracuse, N. Y., assignor to General Electric Company. Electronic alternating voltage regulator. 2,562,744, July 31.

Schultz, Joachim M., assignor to Delta Brush Manufacturing Corporation, New York, N. Y. Manufacture of bristles. 2,552,221, May 8.

Schultz, Mortimer A., and G. W. Nagel, Pittsburgh, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Flame control device. 2,539,208, Jan. 23.

Schultz, Mortimer L., Plainfield, N. J., L. G. Pacent, Little Neck, and R. R. Batcher, Douglaston, N. Y., assignors to C. Doerr, Newark, N. J., as trustee. Color television receiving apparatus. 2,577,368, Dec. 4.

Schultz, Norman H., Franklin Park, assignor to Bell & Gossett Company, Morton Grove, Ill. Conduit construction. 2,550,725, May 1.

Schultz, Paul I., and J. J. Pelouch, assignor, by mesne assignments, to H. C. Schott, Cleveland, Ohio. Housing for vehicle hoists. 2,577,378, Dec. 4.

Schultz, Rudolph A., Hagerstown, Md. Machine for cooking frankfurters, buns, and the like. 2,561,538, July 24.

Schultz, Rudolph A., Hagerstown, Md. Portable stove. 2,565,000, Aug. 21.

Schultz, Thomas H.: *See*—
Owens, Harry S., and Schultz.

Schultz, Walter P., Saginaw, Mich. Clutch and brake for power-transmitting mechanisms. 2,549,245, Apr. 17.

Schultz, Warner W.: *See*—
Lichtenstein, Roland M., Schultz and Goodale.

Schultz, Warner W., and E. P. Kozoriz, Schenectady, N. Y., assignors to General Electric Company. Radioactive source. 2,575,134, Nov. 13.

Schultz, William O., South Milwaukee, Wis., assignor to McGraw Electric Company. Pretensioned spring contact for cutouts. 2,555,158, May 29.

Schultz, William O., South Milwaukee, Wis., assignor to McGraw Electric Company. Switch construction. 2,555,251, May 29.

Schultz, William O., South Milwaukee, Wis., assignor to McGraw Electric Company. Cut out construction. 2,558,985, July 3.

Schultz, William O., South Milwaukee, Wis., assignor to McGraw Electric Company. Fuse construction. 2,571,492, Oct. 16.

Schultze, Helmuth A., assignor to New Process Gear Corporation, Syracuse, N. Y. Synchronizing power transmitting mechanism. 2,573,613, Oct. 30.

Schulz, Arthur P.: *See*—
Gerhardt, Andrew H., and Schulz.

Schulz, Edward L., Lakewood, Ohio, and E. A. Bailey, Marietta, assignors to Carrier Corporation, Syracuse, N. Y. Refrigeration. 2,540,550, Feb. 6.

Schulz, Edward W., assignor to F. Keiper, Rochester, N. Y.; E. P. Keiper, executrix of said F. Keiper, deceased. Electric rattrap. 2,544,730, Mar. 13.

Schulz, Frederick R.: *See*—
Schulz, Percy J. and F. R.

Schulz, Gustav E., Auburn, and H. H. Fonda, Skaneateles, assignors to Nye-Wait Company, Inc., Auburn, N. Y. Method of and apparatus for weaving relief designs in pile surfaces of textile fabrics. 2,555,159, May 29.

Schulz, Helmut W., New York, N. Y. Multiple-effect centrifugation process and apparatus. 2,551,815, May 8.

Schulz, Helmut W., and A. E. Pufahl, Charleston, W. Va., assignors, by mesne assignments, to Union Carbide and Carbon Corporation. Making acrylonitriles. 2,562,583, July 31.

Schulz, Herman R., Altadena, assignor to Redi Products Corporation, Pasadena, Calif. Machine for packaging ice cream and similar frozen food products. 2,579,096, Dec. 18.

Schulz, Percy J. and F. R., Kansas City, Kans. Typewriter ribbon attachment. 2,552,222, May 8.

Schulz, Richard E., assignor to Wickes Bros., Saginaw, Mich. Hydraulically operated chuck. 2,544,966, Mar. 13.

Schulz, Richard E., and A. W. Chriscaden, Saginaw, Mich., assignors to Wickes Bros. Hydraulic steady rest. 2,577,277, Dec. 4.

Schulze, Arthur R., Johnstown, Pa., assignor to United States Steel Company. Resilient wheel for rail cars. 2,547,667, Apr. 3.

Schulze, Arthur R., Johnstown, Pa., assignor to United States Steel Company. Rail fastening device. 2,547,839, Apr. 3.

Schulze, Arthur R., Westmont, Pa., assignor to United States Steel Company. Rail fastening device. 2,570,871, Oct. 9.

Schulze, Arthur R., Youngstown, Ohio, assignor to United States Steel Company. Automatic adjustable rail brace. 2,572,769, Oct. 23.

Schulze, Günther, Valparaiso, Chile. Transmission arrangement. 2,576,484, Nov. 27.

Schulze, Herman W., Elmwood Park, and L. B. Wilhelm, assignors to Hotpoint Inc., Chicago, Ill. Oven heating unit. 2,536,613, Jan. 2.

Schulze, Herman W., Elmwood Park, Ill., assignor to Hotpoint Inc. Electric switch position indicator. 2,541,892, Feb. 13.

Schulze, Herman W., Elmwood Park, Ill., assignor to Hotpoint, Inc. Heating circuit control for electric appliances. 2,556,450, June 12.

Schulze, Walter A., and J. E. Mahan, Bartlesville, Okla., assignors to Phillips Petroleum Company. Extraction of isobutylene by polymerization and depolymerization. 2,552,692, May 15.

Schulze, Walter A., and W. W. Crouch, Bartlesville, Okla., assignors to Phillips Petroleum Company. Use of a mono-ether of ethylene glycol to activate emulsion polymerization in the presence of a heavy mercaptan. 2,555,665, June 5.

Schulze, Walter A. and J. E. Mahan, Bartlesville, Okla., assignors to Phillips Petroleum Company. Fuel composition. 2,560,602, July 17.

Schulze, Walter A. and J. E. Mahan, Bartlesville, Okla., assignors to Phillips Petroleum Company. Fuel composition. 2,560,898, July 17.

Schulze, Walter A., and W. W. Crouch, Bartlesville, Okla., assignors to Phillips Petroleum Company. Metal mercaptides as modifiers in emulsion polymerization. 2,575,135, Nov. 13.

Schum, Ralph C., assignor of one-half to A. Parsons, Ironton, Ohio. Truck for handling cylinders of compressed gas or the like. 2,576,048, Nov. 20.

Schumacher, Charles F., Munday, Tex. Lister attachment. 2,573,281, Oct. 30.

Schumacher, Clifford W., Newcomerstown, Ohio. Ventilator. 2,572,955, Oct. 30.

Schumacher, Cyril W., St. Louis, Mo. Massaging bottle stopper. 2,565,270, Aug. 21.

Schumacher, Erwin A.: *See*—
Fisher, Charles R., Heise, and Schumacher.

Schumacher, Fred, and F. Ruppe, Brooklyn, N. Y. Limb connection for display figures. 2,572,285, Oct. 23.

Schumacher, Leon B., assignee: *See*—
Clapper, Lyle.

Schuman, Charles E., Bradford, Pa., assignor to Dresser Industries, Inc., Cleveland, Ohio. Service head fitting. 2,546,348, Mar. 27.
Schuman, Edward A.: *See*—
Fluck, Linton A., Jr., Lynn and Schuman.
Schuman, Frank: *See*—
Lisch, Charles H., Jr., and Schuman.
Schumann, Lawrence R., Boston, Mass. Brush packaging. 2,552,740, May 15.
Schumann, Lawrence R., Boston, Mass. Brush packaging. 2,552,741, May 15.
Schumann, Martin L., Baltimore, assignor E. Keenan, Ellicott City, Md. Bail handle for carrier cartons. 2,542,365, Feb. 20.
Schumann, William E., Jr., New York, N. Y. Retractable antenna. 2,538,885, Jan. 23.
Schunck, Joseph J., assignor to American Machinery Corporation, Orlando, Fla. Vertically reciprocating sifting chute. 2,536,471, Jan. 2.
Schundler & Co., Inc., F. E., assignee: *See*—
Denning, Paul S.
Schunk, Joseph, Union, assignor to The National Lock Washer Company, Newark, N. J. Window glass mounting. 2,550,300, Apr. 24.
Schunke, Karl H.: *See*—
Glore, Robert F., and Schunke.
Schupbach, Oran T., Marathon, Tex. Internally applied, expanding pivoted jaw wrench. 2,542,713, Feb. 20.
Schupp, Orion E., Jr.: *See*—
Graham, Boynton, and Schupp.
Schupp, Orion E., Jr., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of photographic emulsions. 2,579,016, Dec. 18.
Schupp, Ralph J.: *See*—
Varela, Andrew A., and Schupp.
Schur, Milton O., Asheville, and R. M. Levy, Brevard, N. C., assignors to Ecusta Paper Corporation. Manufacturing calcium carbonate. 2,538,802, Jan. 23.
Schur, Raymond R.: *See*—
Di Rosa, Stephen P., and Schur.
Schurecht, Harry G., Detroit, Mich., assignor to Champion Spark Plug Company, Toledo, Ohio. Ceramic insulator for spark plugs. 2,577,369, Dec. 4.
Schurenberg, Otto, New York, N. Y. Automatic machine for cleaning watch parts. 2,565,326, Aug. 21.
Schuricht, Henry A., assignor to Whizzer Motor Company, Pontiac, Mich. Spring fork mechanism. 2,543,991, Mar. 6.
Schuricht, Henry A., assignor to Whizzer Motor Company, Pontiac, Mich. Bicycle frame. 2,550,941, May 1.
Schuricht, Henry A., Maywood, Calif., assignor to Whizzer Motor Company, Inc., Pontiac, Mich. Variable-speed drive. 2,560,991, July 17.
Schurink, Jacobus J.: *See*—
Van Loon, Carel Jan, Beukema, Schurink and Weyers.
Schurman, John, Detroit, Mich., assignor to Higgins Resources, Inc., New Orleans, La. Window lock. 2,538,385, Jan. 16.
Schurr, Charles A., Euclid, assignor to The Electric Controller & Manufacturing Company, Cleveland, Ohio. Load measuring system for automatically controlling the closing and opening of circuit breakers. 2,552,909, May 15.
Schurr, Charles A., Euclid, assignor to The Electric Controller & Manufacturing Company, Cleveland, Ohio. Prepositioning motor control system. 2,564,284, Aug. 14.
Schurr, Otto E., assignor to Lima-Hamilton Corporation, Hamilton, Ohio. Hydraulic servomotor mechanism. 2,540,381, Feb. 6.
Schurr, Otto E., Hamilton, Ohio, assignor, by mesne assignments, to Baldwin-Lima-Hamilton Corporation. Driving dog for lathes. 2,545,050, Mar. 13.
Schurter, William R.: *See*—
Cahill, Charles C., and Schurter.
Schuster, Marvin, assignee: *See*—
Hosemann, John H.
Schutt, Friedrich J.: *See*—
Hessert, Raymond M., and Schutt.
Schutt, Friedrich J., Brooklyn, assignor to Remington Rand Inc., New York, N. Y. Double document control for photographing machines. 2,551,468, May 1.
Schutt, Hermann C., Framingham Center, assignor to Stone & Webster Engineering Corporation, Boston, Mass. Pyrolysis furnace. 2,557,569, June 19.
Schutt, Walter G., assignor to Stearns Manufacturing Company, Adrian, Mich. Power control for fluid motors. 2,545,051, Mar. 13.
Schutt, Walter G., assignor to Stearns Manufacturing Company, Adrian, Mich. Concrete block machine ejector mechanism. 2,565,001, Aug. 21.
Schutte, August H.: *See*—
Bowles, Vernon O., and Schutte.
Schutte, August H., Hastings on Hudson, assignor to The Lummus Company, New York, N. Y. Producing gas from oil. 2,561,419, July 24.
Schutte, August H., Hastings on Hudson, assignor to The Lummus Company, New York, N. Y. Continuous hydrocarbon conversion process and apparatus. 2,561,420, July 24.
Schutte and Koerting Company, assignee: *See*—
Varga, Andrew.
Schutz, Ewald, assignor, by mesne assignments, to De Walt Inc., Lancaster, Pa. Safety device for saws. 2,562,396, July 31.
Schutz, Harold R., Toledo, Ohio, assignor to Owens-Illinois Glass Company. Combined glass burn-off and transfer machine. 2,567,033, Sept. 4.
Schutz, Joseph J.: *See*—
White, Paul W., and Schutz.
Schutze, Henry G., Baytown, Tex., assignor, by mesne assignments, to Standard Oil Development Company, Elizabeth, N. J. Terminating a low temperature polymerization process. 2,553,426, May 15.
Schutze, Henry G., Baytown, Tex., assignor, by mesne assignments, to Standard Oil Development Company, Elizabeth, N. J. Production of oxidation resistant high molecular weight pentadiene copolymers. 2,565,398, Aug. 21.
Schuyten, Hartwig A., J. W. Weaver, and J. D. Reid, New Orleans, La., assignors to the United States of America as represented by the Secretary of Agriculture. Silicon containing derivatives of cellulosic material. 2,562,955, Aug. 7.
Schwab, Fritz, Lausanne, Switzerland. Arrangement for applying chemicals and minerals for therapeutical purposes. 2,539,036, Jan. 23.
Schwab, Joseph B., assignee: *See*—
Smida, Luverne R.
Schwabenlender, Jerome A., Milwaukee, Wis. Seed dispenser with pivoted ejector. 2,572,060, Oct. 23.
Schwaibold, Edgar K., assignor to Star Watch Case Company, Ludington, Mich. Waterproof watchcase. 2,553,012, May 15.
Schwalbe, Franz G., assignor to Toledo Engineering Company Inc., Toledo, Ohio. Resilient work support for glass marking or cutting machines. 2,577,486, Dec. 4.
Schwalbe, Hellmuth C.: *See*—
O'Connor, James J., Savage, and Schwalbe.
Schwalbe, Nils I., Akeslund, Stockholm, Sweden. Arrangement on roofs of vehicles, vessels, and buildings in order to facilitate the loading and unloading of goods. 2,575,565, Nov. 20.
Schwandt, Howard V., Walla Walla, Wash. Mortising machine work holding attachment to drill press. 2,576,485, Nov. 27.
Schwandt, Howard V., Weston, Oreg. Straight-line swinging saw. 2,546,277, Mar. 27.
Schwaneke, Clarence E., United States Marine Corps. Equipment for instruction in instrument flying. 2,567,973, Sept. 18.
Schwarcz, Joseph, Detroit, Mich. Reciprocating feeding device for presses. 2,542,213, Feb. 20.
Schwarcz, Morton, assignor to The Edwal Laboratories, Inc., Chicago, Ill. Production of hydrazine and/or hydrazine hydrate. 2,537,791, Jan. 9.
Schwark, Paul R., assignor of one-half to C. V. Spinnenweber, Port Ewen, N. Y. Attached can opener. 2,569,905, Oct. 2.
Schwartz, Abraham M., Brooklyn, N. Y. Skirt hem marker. 2,538,537, Jan. 16.
Schwartz, Anthony M., Washington, D. C., assignor to Standard Oil Company, Chicago, Ill. Acid dyeing process using alkane-sulfonic acids. 2,572,954, Oct. 30.
Schwartz, Anthony M., Washington, D. C. Wheeled golf bag carrier. 2,575,930, Nov. 20.
Schwartz, Arthur D., New York, N. Y. Platform insert for shoes. 2,572,670, Oct. 23.
Schwartz, Barney J.: *See*—
Geary, Ira M., and Schwartz.
Schwartz, Benjamin, assignee: *See*—
Seserman, Samuel.
Schwartz, Carl K., Elkhart Lake, Wis., assignor to R. Hagen, deceased, Plymouth, Wis.; M. Hagen, administratrix. Timer for automatic washing machines. 2,563,077, Aug. 7.
Schwartz, Charles A., Elyria, Ohio. Electrical coil structure for transformers. 2,556,602, June 12.
Schwartz, Daniel E.: *See*—
Roy, James A. S., and Schwartz.
Schwartz, Daniel M., Pittsburgh, and T. N. Hackett, Coraopolis, Pa. Gear profilometer and checking device. 2,564,376, Aug. 14.
Schwartz, Daniel M., Salt Lake City, Utah, assignor to Dravo Corporation, Pittsburgh, Pa. Marine railway haul drive. 2,570,161, Oct. 2.
Schwartz, Edward W., Pompton Plains, W. H. Brand, East Orange, and H. W. Welsh, assignors to Wright Aeronautical Corporation, Lodi, N. J. Flow meter. 2,552,017, May 8.
Schwartz, Fay, and A. Plachter, New York, N. Y. Combined animal-like figure and lamp. 2,560,191, July 10.
Schwartz, Fred J., Toledo, Ohio. Wire drapery hanger. 2,556,400, June 12.
Schwartz, Fred J., Toledo, Ohio. Two-part holder for drapery headings and the like. 2,576,701, Nov. 27.
Schwartz, George A., Woodmere, N. Y. Decorative window fixture. 2,542,714, Feb. 20.
Schwartz, Harold A., Cleveland, Ohio. Pan lifter. 2,555,376, June 5.
Schwartz, Harry M., Baltimore, Md. Combined shoe polish applicator, hand dauber, and brush. 2,556,112, June 5.
Schwartz, Herman L., assignor to R. L. Schwartz and J. G. Stinson, San Bernardino, Calif. Steam spotting gun. 2,564,818, Aug. 21.

Schwartz, Hyman, and W. Castedello, assignors to The Kalart Company, Inc., Stamford, Conn. Automatic spring operated shutter and flash lamp synchronizer. 2,552,018, May 8.
Schwartz, James H., Siletz, Oreg. Tire tool. 2,571,624, Oct. 16.
Schwartz, John C., assignee: *See*—
Beebe, John D.
Schwartz, Joseph P., and J. P., S. H., and T. J. McDonald, St. Paul, Minn. Hydraulic jack. 2,567,681, Sept. 11.
Schwartz, Leo, New York, and M. S. Mansson, White Plains, assignors to Automatic Sewing Equipment Co., Inc., New York, N. Y. Cross thread laying apparatus. 2,573,614, Oct. 30.
Schwartz, Michael D., Brooklyn, N. Y. Architectural model construction set. 2,559,261, July 3.
Schwartz, Morris, and W. Castedello, assignors to The Kalart Company Inc., Stamford, Conn. Range finder with light beam correction. 2,547,232, Apr. 3.
Schwartz, Morris, and W. Castedello, assignors to The Kalart Company Inc., Stamford, Conn. Range finder-view finder unit. 2,554,798, May 29.
Schwartz, Morris, and W. Castedello, assignors to The Kalart Company Inc., Stamford, Conn. Photographic holder. 2,573,655, Oct. 30.
Schwartz, Morris, and W. Castedello, assignors to The Kalart Company Inc., Stamford, Conn. Locking or control means for the slide of a plate or film holder for photographic apparatus. 2,576,811, Nov. 27.
Schwartz, Nathan R., Brooklyn, N. Y., assignor to Saran Research Corporation. Wire stripping machine. 2,554,126, May 22.
Schwartz, Robert L., assignee: *See*—
Schwartz, Herman L.
Schwartz, Russell P., Brighton, N. Y. Shank piece for shoes. 2,558,317, June 26.
Schwartz, Sidney, Detroit, Mich. Machine for making prebuilt borders for mattresses. 2,538,334, Jan. 16.
Schwartz, Sol: *See*—
Ferguson, Harold W., and Schwartz.
Schwartz, William, Long Island City, assignor to Sanjo Utility Manufacturing Co., New York, N. Y. Automobile attachable coat hanger support. 2,549,712, Apr. 17.
Schwartz, William S., assignee: *See*—
Kennon, Lorenzo.
Schwartz, Werner W.: *See*—
Ingwer, Max, and Schwartz.
Schwartzberg, Jack: *See*—
Katz, Benne, and Schwartzberg.
Schwartzberg, Louis, Chicago, Ill. Egg carton. 2,537,374, Jan. 9.
Schwartzberg, Louis, Chicago, Ill. Egg carton. 2,551,854, May 8.
Schwarz, Alfred, assignor to Ilex Optical Company, Rochester, N. Y. Camera diaphragm mechanism. 2,580,324, Dec. 25.
Schwarz, Bertram A., and J. H. Guyton, Kokomo, Ind., assignors to General Motors Corporation, Detroit, Mich. Electronically controlled tuner. 2,550,430, Apr. 24.
Schwarz, Gerald L., assignor to Air Controls, Inc., Cleveland, Ohio. Oil tube for bearings. 2,550,606, Apr. 24.
Schwarz, Hans G., assignor to Avco Manufacturing Corporation, Cincinnati, Ohio. Circuit for maintaining aspect ratio constant. 2,543,304, Feb. 27.
Schwarz, Hans G., assignor to Avco Manufacturing Corporation, Cincinnati, Ohio. Circuit for suppressing undesired oscillations in television receivers. 2,543,305, Feb. 27.
Schwarz, Howard G., Newbury, assignor to The Art Electrotype Company, Cleveland, Ohio. Making molds for electrotypes. 2,578,209, Dec. 11.
Schwarz, Howard G., Newbury, and E. F. Bures, assignors to The Art Electrotype Company, Cleveland, Ohio. Making electrotype molds. 2,536,316, Jan. 2.
Schwarz, Joseph A., Chicago, Ill., assignor to Birtman Electric Company. Radial contact switch. 2,554,506, May 29.
Schwarz Laboratories, Inc., assignee: *See*—
Laufer, Louis, and Stewart.
Schwarz, Leonard H., Hartford, assignor to J. H. Sessions & Sons, Bristol, Conn. Retainer for clothes hangers. 2,570,075, Oct. 2.
Schwarz, Milton H., Stamford, Conn. Permanent hair waving. 2,540,494, Feb. 6.
Schwarz, Robert, New York, N. Y. Infant's crib. 2,555,160, May 29.
Schwarzer, Fred, Pottstown, Pa. Fishhook. 2,538,052, Jan. 16.
Schwarzer, Fred, Pottstown, assignor to American Business Systems, Philadelphia, Pa. Paper feeding device. 2,545,387, Mar. 13.
Schwarzer, Fred, Pottstown, assignor to American Business Systems, Philadelphia, Pa. Paper feeding machine. 2,545,388, Mar. 13.
Schwarzkopf, Vergil, La Grange, assignor to The Lathrop-Paulson Company, Chicago, Ill. Drip saver structure. 2,569,261, Sept. 25.
Schwarzmayr, Ludwig, San Francisco, Calif. Refrigerating device for cars. 2,552,819, May 15.
Schwayder, Robert, assignor to Societe Anonyme dite: Etablissements Edgar Brandt, Paris, France. Rotation regulating device. 2,575,028, Nov. 13.
Schwebel, John F., Sr., Van Nuys, Calif. Foot treating device. 2,553,873, May 22.
Schwebs, Robert K., Appleton, Wis. Refrigerator car. 2,570,162, Oct. 2.
Schwehr, Frank W., and M. E. Ohrmundt, Milwaukee, Wis. Orthodontic appliance demonstrating model. 2,539,278, Jan. 23.
Schweickart, William M., Mentor, assignor to Speed Selector Inc., Cleveland, Ohio. Variable-speed drive. 2,566,997, Sept. 4.
Schweig, Julius A., Clayton, assignor to Security Fire Door Company, St. Louis, Mo. Elevator door control mechanism. 2,579,017, Dec. 18.
Schweikher, Ernest W.: *See*—
Bell, Henderson M., III, and Schweikher.
Schweikert, Edward W., New York, N. Y. Cigarette package holder. 2,551,974, May 8.
Schweiss, Walter W., and R. I. Gratzner, assignors to Philco Corporation, Philadelphia, Pa. Vehicular antenna system. 2,575,471, Nov. 20.
Schweiter, Walter, Horgen, Switzerland, assignor to Maschinenfabrik Schweiter A. G. Ejector and thread clamp. 2,573,367, Oct. 30.
Schweitzer, Carl E.: *See*—
Gresham, William F., and Schweitzer.
Schweitzer, Edmund O., Jr., Northbrook, Ill. Magnetic time-delay mechanism. 2,555,513, June 5.
Schweitzer, Edmund O., Jr., Northbrook, Ill. Synchronous electric motor construction. 2,559,738, July 10.
Schweitzer, Erich, assignor to Markel Electric Products, Inc., Buffalo, N. Y. Disk record feed mechanism. 2,549,246, Apr. 17.
Schweitzer, Frank J., Jr., Brea, Calif. Thermic valve. 2,556,557, June 12.
Schweitzer, Fritz L., Aurora, Ohio. Blowtorch. 2,539,595, Jan. 30.
Schweitzer, Howard V., Shaker Heights, Ohio. Apparatus for decorating ceramic ware and the like. 2,558,274, June 26.
Schweitzer, Louis, Royal Oak, assignor to Motor Products Corporation, Detroit, Mich. Lifting jack construction. 2,573,877, Nov. 6.
Schweitzer, Thomas R.: *See*—
Hoffman, Charles, Schweitzer, Anwar, and Dalby.
Schweizer, Herbert H., Fort Collins, Colo. Bottle cap. 2,546,566, Mar. 27.
Schweizer, Rudolf, Zurich, assignor to Aktiengesellschaft Brown, Boveri & Cie, Baden, Switzerland. Electron tube. 2,551,057, May 1.
Schwend, Fred N.: *See*—
Mark, Richard S., Schwend, and Stowell.
Schwend, Fred N., Monterey Park, and R. E. Boyden, Los Angeles, assignors to Clary Multiplier Corporation, San Gabriel, Calif. Office machine. 2,540,296, Feb. 6.
Schwend, Fred N., Los Angeles, and W. H. Petit, Pasadena, assignors to Clary Multiplier Corporation, Los Angeles, Calif. Circuit breaker. 2,548,825, Apr. 10.
Schwendler, Carl: *See*—
MacDonald, Murray J., and Carl and Christopher S. Schwendler.
Schwendler, Christopher S.: *See*—
MacDonald, Murray J., and Carl and Christopher S. Schwendler.
Schwendner, Anthony F., Ridley Park, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Hydraulic governor responsive to rate of change of speed. 2,548,072, Apr. 10.
Schwendner, Anthony F., Ridley Park, and O. N. Bryant, Prospect Park, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Power plant system. 2,546,410, Mar. 27.
Schwenger, Charles E., assignor to Toronto Electric Commissioners, Toronto, Ontario, Canada. Incandescent lamp for asymmetrical light distribution. 2,573,775, Nov. 6.
Schwenk, Erwin: *See*—
Papa, Domenick, Schwenk, and Klingsberg.
Papa, Domenick, Sperber and Schwenk.
Sperber, Nathan, Papa, and Schwenk.
Schwenker, William A., Scotia, N. Y., assignor to General Electric Company. Preparation of phenylchlorosilanes. 2,579,341, Dec. 18.
Schwennesen, Donald O., Chicago, Ill. Timer for controlling the operation of photographic enlargers. 2,579,764, Dec. 25.
Schwerdle, Arthur: *See*—
Sowa, Frank J., and Schwerdle.
Schwiering, William, Bronx, N. Y. Combination ash tray and holder for cigars, cigarettes, and the like. 2,564,313, Aug. 14.
Schwinn, Frank W., Chicago, Ill. Directed beam light unit. 2,579,018, Dec. 18.
Schwinn, Frank W., Chicago, Ill. Apparatus for brazing. 2,579,097, Dec. 18.
Schwitter, Josef, Otelfingen, Switzerland. Bearing. 2,557,476, June 19.
Schwitzer-Cummins Company, assignee: *See*—
Hardy, James A.
Schwork, Stanley, Bangor, Pa. Nail-cutting tool. 2,542,582, Feb. 20.
Schworm, Louis, Jr., Washington, D. C., assignor to Swormco, Inc. Soak pad. 2,579,275, Dec. 18.
Schworm, Louis, Jr., Washington, D. C., assignor to Swormco, Inc. Sleeping garment. 2,579,276, Dec. 18.

Schy, Abraham A. and S. T., Los Angeles, Calif. Motor actuated display figure. 2,559,201, July 3.
Schy, Stuart T.: *See*—
Schy, Abraham A. and S. T.
Sciacca, Franco, and L. Notarbartolo, Milan, Italy, assignors to Montecatini Societa Generale Per L'Industria Mineraria E Chimica Anonima. Preparation of artificial cryolite free from silica. 2,573,282, Oct. 30.
Sciaky, Mario M., assignor to Welding Research, Inc., Chicago, Ill. Wheel welding machine and method. 2,558,005, June 26.
Sciaroni, George H., assignee: *See*—
Kohl, Alexander.
Scientific Oil Compounding Company, Inc., assignee: *See*—
Kalberg, Victor N.
Scientific Production Corporation, assignee: *See*—
White, John B.
Scinta, Anthony C., Buffalo, and A. Rappl, Eggertsville, assignors to Trico Products Corporation, Buffalo, N. Y. Windshield cleaner. 2,543,383, Feb. 27.
Scintilla A-G., assignee: *See*—
Oschwald, Max.
Scism, John N., Baltimore, Md. Picture frame. 2,539,167, Jan. 23.
Sciuto, Michele, Oswego, Oreg. Window holding device. 2,553,013, May 15.
Sclater, Ivanhoe H., Pittsfield, Mass., assignor to General Electric Company. Electric induction apparatus. 2,548,624, Apr. 10.
Scoble, William H., Jericho, assignor to Einson-Freeman Co., Inc., Long Island City, N. Y. Collapsible recessed display stand. 2,537,318, Jan. 9.
Scofield, Donald W., Detroit, Mich., assignor to Philco Corporation, Philadelphia, Pa. Indicator lamp assembly for multicircuit electric appliances. 2,579,618, Dec. 25.
Scofield, Robert O., Warren, Ohio, assignor to General Motors Corporation, Detroit, Mich. Cooling apparatus. 2,579,098, Dec. 18.
Scoles, Graham J., London, England, assignor to General Electric Company. Time base circuit. 2,557,770, June 19.
Scone, John P., assignor to Barber-Colman Company, Rockford, Ill. Cutter sharpening machine. 2,547,981, Apr. 10.
Scophony Limited, assignee: *See*—
Bernard, Geoffrey G.
Rosenthal, Adolph H.
Wikkenhauser, Gustav.
Scotland, Bayard S., Joliet, Ill. Drying macaroni. 2,552,120, May 8.
Scott, Arthur D., Pacific Palisades, assignor to Magic Mirror Beauty Salons, Inc., Los Angeles, Calif. Fashion previewing projection apparatus. 2,545,675, Mar. 20.
Scott, Arthur L., Columbus, Ohio. Producing paper drum containers. 2,568,664, Sept. 18.
Scott, Ashton T., Bryn Mawr, assignor to I-T-E Circuit Breaker Company, Philadelphia, Pa. Flexible tail pipe for jet engines. 2,579,619, Dec. 25.
Scott-Atwater Manufacturing Company, assignee: *See*—
Armstrong, Daniel A.
Armstrong, Daniel A., Raleigh, and Bandli.
Bandli, John C.
Raleigh, Walter J.
Scott Aviation Corporation, assignee: *See*—
Miller, Arthur E.
Scott, Benjamin B., Schenectady, N. Y., assignor to General Electric Company. Variable resistance. 2,566,911, Sept. 4.
Scott, Benjamin B., Schenectady, N. Y., assignor to General Electric Company. Roller cam follower. 2,567,735, Sept. 11.
Scott, Benjamin B., Schenectady, N. Y., assignor to General Electric Company. Electrical contact device. 2,568,465, Sept. 18.
Scott, Benjamin B., Schenectady, N. Y., assignor to General Electric Company. Contacting device for moving wires. 2,568,466, Sept. 18.
Scott, Benjamin B., Schenectady, N. Y., assignor to General Electric Company. High-speed wire tension device. 2,569,342, Sept. 25.
Scott, Benjamin B., and A. D. Coggeshall, Schenectady, N. Y., assignors to General Electric Company. Precision resistance and making it. 2,570,163, Oct. 2.
Scott, Benjamin B., Jr., Pittsburgh, Pa. Coil package. 2,552,594, May 15.
Scott, Benjamin H., Mishawaka, Ind., assignor to United States Rubber Company, New York, N. Y. Molding apparatus. 2,560,783, July 17.
Scott, Bucher, Atlanta, Ga. Supercharger for internal-combustion engines. 2,565,002, Aug. 21.
Scott, Charles H., Braintree, Mass. Portable stairway. 2,551,345, May 1.
Scott, Charles H., Westport, assignor to The Dorr Company, Stamford, Conn. Settler. 2,557,316, June 19.
Scott, Charles H., Westport, assignor to The Dorr Company, Stamford, Conn. Hydraulic drive. 2,563,622, Aug. 7.
Scott, Charles H., Summit, N. J., assignor to The Dorr Company, Stamford, Conn. Power transmission and stroke adjustor mechanism. 2,567,974, Sept. 18.
Scott, Charles W., Butte, Mont. Reflecting fishing spoon. 2,554,216, May 22.
Scott, Carl W.: *See*—
White, Frank J., and Scott.
Scott, Clarence B., Tulsa, Okla., assignor to Standard Oil Development Company. Generating directional seismic waves. 2,556,299, June 12.
Scott, Donald W., Columbus, assignor, by mesne assignments, to Ferro Enamel Corporation, Cleveland, Ohio. Beneficiation of reclaim porcelain enamel. 2,539,486, Jan. 30.
Scott, Edwin D., Plymouth, assignor to Ford Motor Company, Dearborn, Mich. Hood support and lock. 2,549,133, Apr. 17.
Scott, Edwin D., Plymouth, and E. A. Herider, assignors to Ford Motor Company, Dearborn, Mich. Spring seat construction. 2,568,829, Sept. 25.
Scott, Edwin D., Plymouth, and E. A. Herider, assignors to Ford Motor Company, Dearborn, Mich. Adjustable vehicle seat. 2,576,365, Nov. 27.
Scott, Elmer S., Dallas, Tex. Disk grinder and mixer. 2,550,301, Apr. 24.
Scott, Ernest R., Oklahoma City, Okla. Awning. 2,551,975, May 8.
Scott & Fetzer Company, The, assignee: *See*—
MacFarland, Charles H.
MacFarland, Charles H., and Hammink.
Scott, Frank, Cowichan Lake, British Columbia, Canada. Battery terminal. 2,541,617, Feb. 13.
Scott, George, Garden City, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Die set for punch presses. 2,545,560, Mar. 20.
Scott, George M., Fort Erie, Ontario, Canada. Wall plug. 2,573,498, Oct. 30.
Scott, Harry, Dayton, Ohio. Portable sewing machine. 2,573,499, Oct. 30.
Scott, Harry E., Columbus, Ohio. Illuminated fishing rod handle. 2,565,633, Aug. 28.
Scott, Harry A., and J. W. Spieker, Van Wert, Ohio, assignors to Continental Can Company, Inc., New York, N. Y. Container end structure. 2,579,974, Dec. 25.
Scott, Harry A., and J. W. Spieker, Van Wert, Ohio, assignors to Continental Can Company, Inc., New York, N. Y. Lever lock. 2,579,975, Dec. 25.
Scott, Harry T., Los Angeles, Calif. Tool rest for grinding machines. 2,555,707, June 5.
Scott, Henry O., Mitchell, S. Dak. Clipper attachment. 2,544,052, Mar. 6.
Scott, Hermon H., Lincoln, Mass. Bias blocking means to cutoff amplifier during record changing operation. 2,559,902, July 10.
Scott, Howard, R. B. Gordon, and F. C. Hull, Pittsburgh, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Producing mechanical elements. 2,545,862, Mar. 20.
Scott-Huntington, Humbert T., Belmar, N. J. Upright piano action and pedal assembly. 2,571,298, Oct. 16.
Scott, Kenneth L., Western Springs, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Method of and apparatus for making magnetic measurements. 2,541,618, Feb. 13.
Scott, James A.: *See*—
Wood, George W., Shaw, and Scott.
Scott, John E., Los Angeles, Calif. Material feed mechanism for sewing machines. Re. 23,379, June 12.
Scott, John R.: *See*—
Banks, William H., Upton, and Scott.
Scott, Joseph E., Pratt, Kans. Face meter. 2,552,385, May 8.
Scott, Lloyd H., Chagrin Falls, assignor to Jack & Heintz, Inc., Cleveland, Ohio. Automatic tensioning device. 2,564,132, Aug. 14.
Scott, Margaret S., assignee: *See*—
Scavullo, Angelo C.
Scott, Maxwell C.: *See*—
Nicholson, Madison G., Jr., and Scott.
Scott, M. E., Trust, assignee: *See*—
Scott, Orlando F., and Fernandez.
Scott, Milton J., Springfield, and E. F. Jackson, Oxford, Mass., assignors to Monsanto Chemical Company, St. Louis, Mo. Reaction products of aminotriazines, aldehydes, nitroparaffins, and hydrogen. 2,553,386, May 15.
Scott, Milton J., Lexington, E. F. Jackson, Ludlow, and C. H. Basdekis, Dayton, Ohio, assignors to Monsanto Chemical Company, St. Louis, Mo. Treatment of polymer emulsions. 2,580,325, Dec. 25.
Scott, Norman D., Sanborn, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Production of organic chlorides. 2,570,495, Oct. 9.
Scott, Norman L., Andover, Mass., assignor, by mesne assignments, to Pipe Linings, Inc., New York, N. Y. Machine for lining pipe with cementitious material. 2,555,377, June 5.
Scott, Orlando F., Chicago, and D. T. Fernandez, Villa Park, assignors to M. E. Scott Trust, Chicago, Ill. Lie detector. 2,555,422, June 5.
Scott Paper Company, assignee: *See*—
Ostertag, Harry M., and Masshard.
Scott, Ray W., Los Angeles, Calif. Apparatus for pressing out liquid. 2,579,054, Dec. 18.
Scott, Richard H., Hale, and A. S. Hayward, Altrincham, assignors to Linotype and Machinery Limited, London, England. Typographical slug casting machine. 2,568,467, Sept. 18.

Scott, Richard H., Hale, and A. S. Hayward, Altrincham, assignors to Linotype and Machinery Limited, London, England. Multiple magazine adjusting means. 2,569,583, Oct. 2.
Scott, Riley D.: *See*—
Robinson, Jean H., Jr., and Scott.
Scott, Robert G.: *See*—
Pohle, Eric, and Scott.
Scott, Roy J.: *See*—
Giles, Jeremiah D., and Scott.
Scott, Samuel M., Birmingham, assignor to J. Collis & Sons Limited, London, England. Interconnected plural conveyer. 2,563,427, Aug. 7.
Scott Testers, Inc., assignee: *See*—
Blumenbaum, Louis.
Scott, Thomas P.: *See*—
Frese, Carl W., and Scott.
Scott, Thomas R., London, England, assignor, by mesne assignments, to International Standard Electric Corporation, New York, N. Y. Coaxial cable having porous wound spacing means. 2,556,224, June 12.
Scott Viner Company, The, assignee: *See*—
Nicholoy, Winford E.
Scott, Walter A., and J. E. Cook, Poughkeepsie, assignors to The De Laval Separator Company, New York, N. Y. Can hoist. 2,562,066, July 24.
Scott, Walter G., Inspiration, Ariz., assignor to Inspiration Consolidated Copper Company. Leaching copper ores. 2,563,623, Aug. 7.
Scott, Walter J.: *See*—
McCoy, Clarence E., and Scott.
Scott, Walter J., Woonsocket, R. I. Stop motion. 2,553,335, May 15.
Scott, Walter J., Hinsdale, and C. C. Veale, West Chicago, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y. Producing parts. 2,577,923, Dec. 11.
Scott, Walter L., Long Beach, Calif. Adjustable seat section for chairs. 2,542,366, Feb. 20.
Scott, Wayne A., Saunemin, Ill. Drive transmitting device. 2,549,247, Apr. 17.
Scott, William H., Rochester, N. Y. Game scoring device. 2,549,248, Apr. 17.
Scott, William J., Rugby, England, assignor to General Electric Company. Velocity modulation electron discharge device. 2,576,702, Nov. 27.
Scott, William J., and R. Latham, Rugby, England, assignors to General Electric Company. Ultra high frequency electric discharge devices. 2,557,771, June 19.
Scott, William M., Jr., Bryn Mawr, assignor to I. T. E. Circuit Breaker Company, Philadelphia, Pa. Circuit breaker tripping mechanism. 2,536,775, Jan. 2.
Scott, William M., Jr., Bryn Mawr, assignor to I-T-E Circuit Breaker Company, Philadelphia, Pa. Circuit breaker steel back isolation barrier. 2,578,750, Dec. 18.
Scott & Williams, Incorporated, assignee: *See*—
Belford, Alexander, and Kuss.
Bristow, Paul W.
McDonough, John J.
Oberholtzer, Albert L.
Thompson, Ralph E.
Scovel, Jay W., assignee: *See*—
Pounds, Vester O.
Scovic, James M., assignor to The Dow Chemical Company, Midland, Mich. Separating a fraction of benzene hexachloride rich in the gamma isomer. 2,567,034, Sept. 4.
Scovill Manufacturing Company, assignee: *See*—
Chapman, Romaine C., and Borowy.
Clemmons, Herbert D.
Hormann, Frank R.
Huelster, Otto J.
Koeppel, Charles H.
Maxim, Oren B.
Maxim, Oren B., and Peabody.
Root, Le Roy.
Seaver, Donald A.
Spender, Donald L.
Sperry, Roger S., and Rietdyke.
Williams, Selden T.
Scovill, Richard M., Miami, Fla. Tool for removing hub retaining nuts. 2,562,131, July 24.
Scoville, Loren P., Yonkers, assignor to The Texas Company, New York, N. Y. Apparatus for distillation of gasoline containing hydrocarbon fractions. 2,546,349, Mar. 27.
Scragg, Ernest, & Sons Limited, assignee: *See*—
Findlow, Eric.
Scranton, Charles J., and B. G. Elliott, La Porte, Ind., assignors to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Auger-type feeding device for silage blowers. 2,575,639, Nov. 20.
Screw Conveyor Corporation, assignee: *See*—
Escher, Edward P.
Screw Machine Products Co., assignee: *See*—
Smith, Putnam M.
Scribner, Kenneth R.: *See*—
Wahtera, Olavi, and Scribner.
Scrimshaw, Frank H.: *See*—
Reilly, Hugh L., Scrimshaw, and Lambert.
Scripto, Inc., assignee: *See*—
Brinson, Thomas F.
Sams, Herbert W.
Smith, John S., Jr.
Scripton, Inc., assignee: *See*—
Ferst, Monie A., Ashmore, and Sugarman.
Scruby, John E., Visalia, Calif. Centrifugal clutch. 2,543,873, Mar. 6.
Scruggs, Joseph A., Cincinnati, Ohio, assignor to H-P-M Development Corporation, Wilmington, Del. Apparatus for controlling fluid pressures. 2,563,192, Aug. 7.
Scruggs, Josiah H., Birmingham, Ala. Window screen frame. 2,544,512, Mar. 6.
Scruggs, Thomas M., Richmond Heights, assignor to Bemis Bro. Bag Company, St. Louis, Mo. Draw closure bag. 2,557,517, June 19.
Scruggs and Vaughan Manufacturing Company, Inc., assignee: *See*—
Renfro, Ralph T., Sr.
Scudder Food Products, Inc., assignee: *See*—
Walker, Robert A.
Scuderi, John, Brooklyn, assignor of one-half to C. P. Orlando, Ozone Park, N. Y. Quick-change self-locking wheel mounting. 2,568,370, Sept. 18.
Scudi, John V.: *See*—
Duesel, Bernard F., and Scudi.
Scull, William E., Jr.: *See*—
Tourshou, Simeon I., and Scull.
Scull, William E., Jr., Haddonfield, N. J., assignor to Radio Corporation of America. Deflection coil arrangement. 2,569,343, Sept. 25.
Scullin Steel Co., assignee: *See*—
Spenner, Fred H.
Scully, Carl, assignor to O. & S. Bearing Company, Detroit, Mich. Making bearing inserts. 2,555,708, June 5.
Scully, Charles T.: *See*—
Chatterjea, Prafulla K., Scully, Ambrose, and Beney.
Scully, Charles T., London, England, assignor to International Standard Electric Corporation, New York, N. Y. Two-way electric pulse communication system. 2,565,525, Aug. 28.
Scully Signal Company, assignee: *See*—
Mathey, Alcide E.
Seabrook Associates, assignee: *See*—
Green, Philip.
Seabury, Donald S., Boston, Mass., W. D. Buckingham, and C. R. Deibert, Southampton, assignors to The Western Union Telegraph Company, New York, N. Y. Drawing filled tantalum tubes. 2,549,249, Apr. 17.
Seacat, Lot J., Ramsey, Ind. Incubator. 2,564,508, Aug. 14.
Seagram, Joseph E., & Sons Inc., assignee: *See*—
Altsheler, William B.
Capstack, Eugene J.
Kern, Ruth K.
Weber, Richard, and Grant.
Seaholm, Paul C., Moline, Ill., assignor by mesne assignments to Minneapolis-Moline Company, Hopkins, Minn. Pivot assembly for tractor mounted implements. 2,569,389, Sept. 25.
Seailles, Jean C., Paris, France. Sugar juice carbonation. 2,557,800, June 19.
Séailles, Jean C., Paris, France. Settling tank. 2,573,615, Oct. 30.
Séailles, Jean C., Paris, France. Extracting magnesia from aqueous solution containing magnesium salts decomposable by lime and alkalies. 2,573,616, Oct. 30.
Sea Island Mills, Inc., assignee: *See*—
Wright, William E.
Sealander, Bertram E.: *See*—
Bergen, Richard S., and Sealander.
Sealander, Bertram E., Jersey City, N. J., and R. S. Bergen, Westbury, assignors to Republic Aviation Corporation, Farmingdale, N. Y. Automatic temperature indicating system. 2,565,271, Aug. 21.
Seale, Homer T., assignor to Homer T. Seale, Inc., Los Angeles, Calif. Safety brake control. 2,562,370, July 31.
Seale, Homer T., Inc., assignee: *See*—
Seale, Homer T.
Seale, Ray, Dayton, Ohio, and E. J. Pekol, Chicago, Ill. Receiver transmitter arrangement. 2,561,421, July 24.
Sealed Power Corporation, assignee: *See*—
Olson, Holly M.
Sealey, William C., Wauwatosa, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Voltage regulating control and apparatus. 2,560,002, July 10.
Sealey, William C., Wauwatosa, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Magnetic core comprising leg, yoke, and corner laminations. 2,560,003, July 10.
Sealol Corporation, assignee: *See*—
Bottomley, Frank, and Stevens.
Sealy, Alonza, New York, N. Y. Combined table and ironing board. 2,568,830, Sept. 25.
Sealy, Incorporated, assignee: *See*—
Freemon, Joseph A., Weatherford, and Wilson.
Seaman, Harry J., Milwaukee, Wis. Resilient tooth mounting for rotary plows. 2,559,048, July 3.
Seaman, John A., Jr., McMinnville, Tenn. Slidable cover for truck bodies. 2,549,938, Apr. 24.
Seaman, Joseph J., and G. E. Rightley, Trenton, N. J. Key ejector for locks. 2,568,206, Sept. 18.
Seaman, Joseph W., Kennett Square, Pa., assignor to General Electric Company. Thermal and manual snap-action circuit breaker. 2,549,532, Apr. 17.

Seaman, Lewis F., Augusta, Ga. Clothespin and support therefor. 2,544,967, Mar. 13.
Seaman, Norman R., Canal Fulton, Ohio. Collapsible heat-insulated container. 2,575,893, Nov. 20.
Seaman, Richard H., assignor to Mega Corporation, Los Angeles, Calif. Electronic animated advertising sign system. 2,538,803, Jan. 23.
Seaman, Richard H., Los Angeles, Calif. Protectice device for transformers. 2,542,367, Feb. 20.
Seaman, Richard H., assignor to Mega Corporation, Los Angeles, Calif. Electronic animated advertising sign system. 2,568,767, Sept. 25.
Seaman, Walter E.: *See*—
Swartz, James J., and Seaman.
Seamark, Lewis M. C., Lyme Regis, England. Casing head equipment. 2,559,321, July 3.
Seamark, Lewis M. C., Lyne Regis, England. Sealing packing. 2,573,225, Oct. 30.
Seamless Products Co., Inc., assignee: *See*—
Andrews, George H.
Seamless Rubber Company, The, assignee: *See*—
Gow, Arthur R., and Crowley.
Madsen, Paul S., and Goodson.
Searer, Harold J., Akron, Ohio. Combination sealing disk and nipple holder for nursing units. 2,546,681, Mar. 27.
Searle, G. D., & Co., assignee: *See*—
Burtner, Robert R.
Burtner, Robert R., and Arbit.
Cusic, John W.
Cusic, John W., and Dornfeld.
Cusic, John W., and Robinson.
Ensor, Elwood H., and Speer.
Huffman, Max N.
Krimmel, Carl P.
Papesch, Viktor, and Schroeder.
Saunders, Francis J., and Raymond.
Searle, Merton A., St. Paul, Minn. Vitamin coated salt. 2,550,726, May 1.
Searle, Raymond W., assignor to Technology Instrument Corporation, Waltham, Mass. Ganged potentiometer. 2,543,673, Feb. 27.
Searles, George J., assignor to Taylor Instrument Companies, Rochester, N. Y. Coolant means for drills. 2,552,463, May 8.
Sears, Charlotte R. S. and R. W. Sears, II, Evanston, Ill. Subsoil treating machine. 2,565,439, Aug. 21.
Sears, Daniel S.: *See*—
Westfahl, Jerome C., and Sears.
Sears, Daniel S., Cuyahoga Falls, and E. B. Newton, Akron, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y. Surface-treated silica. 2,578,605, Dec. 11.
Sears, Edward O., Alameda, Calif. Freezable self-sustaining body of silica gel and making the same. 2,574,763, Nov. 13.
Sears, Edward S., Bushey Heath, Hertfordshire, assignor to Mabie Todd and Company Limited, Newbury, Berkshire, England. Fountain pen. 2,554,641, May 29.
Sears, Edward S., Bushey Heath, assignor to Mabie Todd & Company Limited, London, England. Fountain pen. 2,579,342, Dec. 18.
Sears, Melville, Ridgefield Park, N. J. Portable combined waxing and polishing machine. 2,560,993, July 17.
Sears, Raymond W., West Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron discharge device. 2,540,834, Feb. 6.
Sears, Richard E., Cleveland Heights, assignor to Jack & Heintz Precision Industries, Inc., Cleveland, Ohio. Generator cooling system. 2,560,784, July 17.
Sears, Richard E., Shaker Heights, assignor to Jack & Heintz Precision Industries, Inc., Cleveland, Ohio. Quick detachable starter mount. 2,566,466, Sept. 4.
Sears, Richard E., Cleveland Heights, assignor to Jack & Heintz Precision Industries, Inc., Cleveland, Ohio. Engine starter jaw meshing mechanism. 2,578,094, Dec. 11.
Sears, Richard W., II: *See*—
Sears, Charlotte R. S., and R. W.
Sears, Roebuck and Co., assignee: *See*—
Boisselier, Earl D.
Cline, Truman H.
Condon, John C., and Felix.
Dady, Arthur O.
Felix, Otto, Meyers, and Boisselier.
Hill, Stanley E.
Hill, Stanley E., and Zink.
Humeston, Frederick L.
Ives, Clifford E.
Janusz, Mitchell B.
Klocker, Paul A.
Sears, William R., Inglewood, assignor to Northrop Aircraft, Inc., Hawthorne, Calif. Airplane control device. 2,575,532, Nov. 20.
Seaton, Allan R., Juneau, Alaska. Fish lure swivel. 2,561,144, July 17.
Seaver, Donald A., West Cheshire, assignor to Scovill Manufacturing Company, Waterbury, Conn. Bottle container. 2,568,371, Sept. 18.
Seavey, Gordon C.: *See*—
Horsley, Caperton B., and Seavey.
Seay, James I., Jr., assignor to Layne & Bowler, Incorporated, Memphis, Tenn. Fluid sampler for wells. 2,563,284, Aug. 7.
Sebald, Joseph F., Bloomfield, assignor to Worthington Pump and Machinery Corporation, Harrison, N. J. Deaerating feed-water heater. 2,564,583, Aug. 14.
Sebald, Joseph F., Bloomfield, assignor to Worthington Pump and Machinery Corporation, Harrison, N. J. Deaerating feed-water heater. 2,564,584, Aug. 14.
Sebald, Joseph F., Bloomfield, assignor to Worthington Pump and Machinery Corporation, Harrison, N. J. Deaerator. 2,572,527, Oct. 23.
Sebel, Harry, London, England. Wheeled toy. 2,539,640, Jan. 30.
Sebel, Harry, London, England. Occupant propelled roundabout. 2,560,703, July 17.
Sebel, Harry, London, England. Combination wheel mounting and unidirectional rotation control means. 2,560,704, July 17.
Sebel, Harry, London, England. Combined rocker and swing. 2,562,745, July 31.
Sebell, Norman I., Brockton, Mass., assignor to Onondaga Pottery Company, Syracuse, N. Y. Apparatus for trimming appendages for pottery ware. 2,558,318, June 26.
Sebesta, Edward F., Minneapolis, Minn. Ignition device for internal-combustion engines. 2,554,720, May 29.
Sebok, Frank, assignor to Houdaille-Hershey Corporation, Detroit, Mich. Air cleaner and making parts thereof. 2,575,136, Nov. 13.
Sebok, Joseph B., assignor to Houdaille-Hershey Corporation, Detroit, Mich. Mounting for combination air cleaner and carburetor silencer. 2,557,236, June 19.
Sebok, Joseph B., assignor to Houdaille-Hershey Corporation, Detroit, Mich. Air cleaner and intake silencer and outlet assembly therefor. 2,557,237, June 19.
Sebold, William G., Walnut Creek, Calif. Egg cooler. 2,545,052, Mar. 13.
Seborg, Earnest Y., assignor to Barnes Drill Co., Rockford, Ill. Reciprocatory drive for machine tools. 2,573,368, Oct. 30.
Seborg, Earnest Y., and W. M. Fairbairn, assignors to Barnes Drill Co., Rockford, Ill. Indexing mechanism. 2,564,613, Aug. 14.
Sebring, Arthur A., Redwood Falls, Minn. Table sirup and making the same. 2,537,192, Jan. 9.
Body Company, Galion, Ohio. Vehicle running gear. 2,537,711, Jan. 9.
Sebring, Paul B., Cambridge, Mass., assignor to the United States of America as represented by the Secretary of the Navy. Reverberation control of gain. 2,566,858, Sept. 4.
Sebouh, Dickran, New York, N. Y. Mounting for tuning forks. 2,556,342, June 12.
Séchaud, Roger G., and A. N. F. Metz, Paris, France. Binding cylindrical concrete work and apparatus for executing this method. 2,554,755, May 29.
Seckendorf, Hugo, Albany, N. Y. Automobile jack. 2,571,067, Oct. 9.
Secker, Ben, London, England, assignor, by mesne assignments, to International Standard Electric Corporation, New York, N. Y. Frequency measuring apparatus. 2,559,680, July 10.
Seckler, Howard N.: *See*—
Dunlap, Kermit S., and Seckler.
Secondi, Raymond G., Paris, and J. Vacheron, Maison-Alfort, assignors of thirty-five per cent to C. H. Harrison, and fifteen per cent to R. A. Boizard, Paris, France. Cam actuated wrench. 2,580,247, Dec. 25.
Secord, Henry J., Los Angeles, Calif. Automobile bracket. 2,549,391, Apr. 17.
Secrest, Paul A.: *See*—
Secrest, Stephen L. and P. A.
Secrest, Stephen L. and P. A., Lorain, Ohio. Fishing lure, 2,545,797, Mar. 20.
Secrist, John H., and W. H. Petering, assignors to Detrex Corporation, Detroit, Mich. Cleaning composition. 2,576,419, Nov. 27.
Sectish, Charles W., Passaic, N. J. Grinding machine. 2,539,107, Jan. 23.
Security Engineering Co., Inc., assignee: *See*—
Bentson, Harold G.
Swart, Kenneth H.
Security Fire Door Company, assignee: *See*—
Schweig, Julius A.
Seddon, John C., Washington, D. C. Radio impulse receiver. 2,543,068, Feb. 27.
Seddon, Robert M., Walmley, Sutton Coldfield, assignor to Dunlop Rubber Company Limited, London County, England. Shock absorber. 2,574,420, Nov. 6.
Sedgwick, Allan T.: *See*—
Lecture, Raymond F., and Sedgwick.
Sedgwick, Robert K., Oak Park, assignor to American Steel Foundries, Chicago, Ill. Prefill valve. 2,544,731, Mar. 13.
Sedgwick, Robert K., assignor to American Steel Foundries, Chicago, Ill. Pump. 2,553,336, May 15.
Sedgwick, Robert K., Oak Park, assignor to American Steel Foundries, Chicago, Ill. Turret indexing means. 2,557,149, June 19.
Sedgwick, Robert K., Oak Park, assignor to American Steel Foundries, Chicago, Ill. Hydraulic press having differential area prefill valve responsive to pullback line restriction. 2,568,687, Sept. 18.
Sedgwick, Robert K., Oak Park, assignor to American Steel Foundries, Chicago, Ill. Hydraulic pneumatic system for actuating pressure. 2,573,993, Nov. 6.

Sedgwick, Robert K., Oak Park, assignor to American Steel Foundries, Chicago, Ill. Hydraulically operated transfer molding press. 2,575,190, Nov. 13.
Sedgwick, Roger S.: *See*—
Pool, William O., and Sedgwick.
Sédille, Marcel H. L., assignor ot Societe Rateau (Societe Anonyme) Paris, France. Apparatus, including gas turbines for the direct driving of vehicles. 2,554,593, May 29.
Sedlmayr, Carl J., assignee: *See*—
Hall, Ellis C.
Sedlmayr, Carl J., Jr., assignee: *See*—
Hall, Ellis C.
Sedor, John N., Chicago, Ill. Cabinet housing several inverted containers, with a valved spout for each of said containers. 2,551,765, May 8.
Sedwick, Matthew M.: *See*—
Kronquest, Alfred L., and Sedwick.
See Fabriks Aktiebolag, assignee: *See*—
Larsson, Gustaf H.
See, Francis W.: *See*—
De Angelis, Arthur J., and See.
See, Francis W., Bronx, assignor to S. Briskman, New York, N. Y. Shears for producing zig-zag cuts. 2,574,066, Nov. 6.
See, Theodore S., Hammond, Ind., assignor to La Salle Steel Company, Chicago, Ill. Die assembly. 2,559,679, July 10.
Seeberg, Victor P., assignor to Cutter Laboratories, Berkeley, Calif. Vasoconstrictor antiseptic. 2,536,315, Jan. 2.
Seeberger, Louis M.: *See*—
Greenleaf, Francis D., Seeberger, and Buder.
Seebold, James E., Chicago, Ill., assignor to Hercules Powder Company, Wilmington, Del. Hydrochloric acid recovery. 2,545,314, Mar. 13.
Seebold, James E., assignor to Standard Oil Company, Chicago, Ill. Mercaptan removal from hydrocarbons. 2,550,091, Apr. 24.
Seeburg, J. P., Corporation, assignee: *See*—
Gierwiatowski, Olgierd.
Johnson, Carl G.
Johnson, Kurt T.
Kenney, Mahlon W.
Seed, Everett G., Robinson, Ill., assignor to The Ohio Oil Co., Findlay, Ohio. Conveyer belt feed. 2,563,965, Aug. 14.
Seed, Leslie, Northwich, England, assignor to Imperial Chemical Industries Limited. Emulsions of ethylene polymers and interpolymers and making same. 2,542,783, Feb. 20.
Seeds, Cyril G.: *See*—
Hunter, Richard H., and Seeds.
Seeger, Doris R., Bound Brook, N. J., assignor to American Cyanamid Company, New York, N. Y. 2,4-diamino pteridines and preparing same. 2,568,597, Sept. 18.
Seeger, Doris R., Bound Brook, N. J., assignor to American Cyanamid Company, New York, N. Y. Halogenated substituted pteridines. 2,570,391, Oct. 9.
Seeger, Doris R., Bound Brook, and D. B. Cosulich, North Plainfield, N. J., assignors to American Cyanamid Company, New York, N. Y. Halogenation of substituted pteridines. 2,570,392, Oct. 9.
Seeger, Mervin E., Salem, Oreg. Tractor ditchdigger. 2,564,034, Aug. 14.
Seeger Refrigerator Company, assignee: *See*—
Iwashita, George K.
Jenkins, John C.
Richard, William E.
Seeger, Robert W.: *See*—
Felts, Gordon P., and Seeger.
Seegers, Walter H., Detroit, E. C. Loomis, Grosse Pointe Park, and A. G. Ware, Royal Oak, assignors to Parke, Davis & Company, Detroit, Mich. Preparing fibrinogen. 2,543,808, Mar. 6.
Seeler, Alvah I., Euclid, assignor to The Electric Products Company, Cleveland, Ohio. Accelerator pedal depressor. 2,566,859, Sept. 4.
Seeler, Henry, Heidelberg, Germany. Oxygen demand breathing system, including means for automatic altitude regulation. 2,552,595, May 15.
Seelert, Arthur, Minneapolis, Minn. Leg brace. 2,558,986, July 3.
Seeley, Dewey M., Gary, Ind., assignor to United States Steel Company. Transportation load and preparing same. 2,580,248, Dec. 25.
Seeley, Dewey M., Gary, Ind., assignor to United States Steel Company. Transportation load and preparing same. 2,580,249, Dec. 25.
Seeley, Harold T., Lansdowne, Pa., assignor to General Electric Company. Differential protective arrangement. 2,548,625, Apr. 10.
Seeley, Stuart W., Roslyn Heights, N. Y., assignor to Radio Corporation of America. Frequency divider. 2,538,277, Jan. 16.
Seelig, Richard P., Elmhurst, assignor, by mesne assignments, to General Bronze Corporation, Garden City, N. Y. Press with vibrating die for forming powder metal blanks. 2,549,642, Apr. 17.
Seelig, Richard P., Elmhurst, assignor, by mesne assignments, to General Bronze Corporation, Garden City, N. Y. Apparatus for forming powder metallurgy parts. 2,570,989, Oct. 9.
Seely, Richard E.: *See*—
Beard, Lee R., Seely, and Holdgreve.
Seely, Richard E., Fort Wayne, Ind., assignor to General Electric Company. Circuit for measuring the resistance of energized alternating current apparatus. 2,578,455, Dec. 11.
Seely, Vane H., Portland, Oreg. Automobile jack. 2,537,554, Jan. 9.
Seep, Albert E., Denver, Colo. Chart device and tab holder therefor. 2,547,049, Apr. 3.
Seewer, Paul W., Rugby, assignor to The English Electric Company Limited, London, England. Hydraulic valve. 2,549,337, Apr. 17.
Seemann, Manuel, Cleveland, Ohio. Mophead clamping structure. 2,571,493, Oct. 16.
Seemar, George H., Chatham, N. J. Pluri-compartment packaging and dispensing container for hypodermic injection ingredients. 2,559,231, July 3.
Seemar, George H., Chatham, N. J. Unitary container for hypodermic injection ingredients. 2,568,029, Sept. 18.
Seetru Products Limited, assignee: *See*—
Klanner, Rudolf.
Seferow, Peter, New York, N. Y. Drawing board. 2,577,159, Dec. 4.
Sefferino, Clifford V., assignor of 80 per cent to V. Sefferino, and 20 per cent to L. B. Swartz, Cincinnati, Ohio. Roller skate. 2,554,062, May 22.
Sefferino, Violet, assignee: *See*—
Sefferino, Clifford V.
Sefing, Frederick G., Cranford, N. J., assignor to The International Nickel Company, Inc., New York, N. Y. Heat-treating gray cast iron. 2,567,791, Sept. 11.
Sefton, Robert C.: *See*—
Horelick, Samuel, and Sefton.
Segaar, Cornelis, The Hague, Netherlands. Receiver for teleprinters. 2,562,825, July 31.
Segal, Abram, Rueil-Malmaison, France. Intermittent power supply system. 2,578,846, Dec. 18.
Segal, Arthur, Springfield, Ill., assignor, by mesne assignments, to General Bronze Corporation. Dispensing valve. 2,566,860, Sept. 4.
Segal, Alan N.: *See*—
Segal, Bernard and A. N.
Segal, Bernard, New York, N. Y., and A. N. Segal, East Montreal, Quebec, Canada; said A. N. Segal assignor to said B. Segal. Educational talking toy. 2,547,603, Apr. 3.
Segal, Bernard, and L. Salit, New York, N. Y., said Salit assignor to said Segal. Educational talking toy. 2,579,872, Dec. 25.
Segal, Hyman R., New York, N. Y. Key holder. 2,575,472, Nov. 20.
Segal, Samuel, New York, N. Y., assignor to Wilson-Jones Company, Chicago, Ill. Back gauge for punches. 2,554,928, May 29.
Segal, Samuel, New York, N. Y., assignor to Wilson-Jones Co., Chicago, Ill. Portfolio. 2,568,131, Sept. 18.
Segall, Gordon H., McMasterville, Quebec, assignor to Canadian Industries Limited, Montreal, Quebec, Canada. Preparation of diallyl ether dichlorohydrins. 2,543,992, Mar. 6.
Segall, Gordon H., and O. C. W. Allenby, McMasterville, assignors to Canadian Industries Limited, Montreal, Quebec, Canada. Reaction products of 4-vinylcyclohexene dioxide. 2,541,670, Feb. 13.
Segall, Louis H., Sidney, assignor to Bendix Aviation Corporation, New York, N. Y. Ignition device. 2,571,769, Oct. 16.
Segebrecht, Ervin W.: *See*—
Ralston, Anderson W., Barrett, and Segebrecht.
Segee, James E., Lawrence, and W. J. Gosselin, Methuen, Mass., assignors to U. S. Bobbin & Shuttle Co., Providence, R. I. Shuttle. 2,570,872, Oct. 9.
Seger, Francis M.: *See*—
Garwood, William E., Seger, Feasley, and Sachanen.
Rutledge, Thomas F., Seger, Sachanen, and Garwood.
Seger, Francis M., Pitman, and A. N. Sachanen, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated. Production of lubricating oils by condensation of olefinic hydrocarbons. 2,551,638, May 8.
Seger, Francis M., Pitman, C. F. Feasley, and A. N. Sachanen, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated. Synthetic lubricants. 2,551,640, May 8.
Seger, Francis M., Pitman, W. E. Garwood, Haddonfield, and A. N. Sachanen, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated. Reacting alpha-monoolefins with conjugated hydrocarbons and organic peroxides, and products produced thereby. 2,551,641, May 8.
Seger, Francis M., Pitman, W. E. Garwood, Haddonfield, and A. N. Sachanen, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated. Synthetic lubricants from alpha-monoolefins and unsaturated esters and producing the same. 2,551,643, May 8.
Seger, Francis M., Pitman, W. E. Garwood, Haddonfield, and A. N. Sachanen, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated. Preparing synthetic lubricants from alpha olefins. 2,551,644, May 8.
Segesman, Louis E., Canton, assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,555,252, May 29.

Segesman, Louis E., Canton, assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,560,827, July 17.
Segesman, Louis E., Canton, assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,576,726, Nov. 27.
Segesman, Louis E., Canton, assignor to The Hoover Company, North Canton, Ohio. Handle control for suction cleaners. 2,576,727, Nov. 27.
Segrè, Emilio G., Santa Fe, N. Mex., assignor to the United States of America as represented by the United States Atomic Energy Commission. Method and apparatus for measuring strong alpha emitters. 2,573,069, Oct. 30.
Segrove, Herbert D., Thornton Heath, assignor to The Standard Brick and Sand Company Limited, Redhill, Surrey, England. Purification of sand having a ferruginous coating. 2,556,005, June 5.
Segsworth, Robert S., assignor to The General Engineering Company (Canada) Limited, Toronto, Ontario, Canada. Variable speed rotary pump and motor hydraulic transmission. 2,564,237, Aug. 14.
Segura, Marnell A.: *See*—
McAdams, Don R., and Segura.
Segura, Marnell A., Denham Springs, La., assignor to Standard Oil Development Company. Catalyst for the synthesis of hydrocarbons. 2,540,599, Feb. 6.
Segura, Marnell A., Denham Springs, La., assignor to Standard Oil Development Company. Hydrocarbon synthesis. 2,552,347, May 8.
Segura, Marnell A., Denham Springs, D. R. McAdams, and W. E. Spicer, Baton Rouge, La., assignors to Standard Oil Development Company. Preparation of a fluid catalyst for hydrocarbon synthesis. 2,541,671, Feb. 13.
Seibel, Charles M., Wichita, Kans. Rotor blade mounting and control. 2,575,533, Nov. 20.
Seibel, Frank G., Claremont, Calif. Sliding and rotating attached closure for tooth paste tubes. 2,550,302, Apr. 24.
Seibel, William E., Brecksville, Ohio. Delivery box signal. 2,573,879, Nov. 6.
Seiberlich, Joseph, Durham, N. H., assignor, by mesne assignments, to Research Corporation, New York, N. Y. Preparing cellulose for subsequent treatment with sodium hydroxide. 2,549,713, Apr. 17.
Seiberling Rubber Company, assignee: *See*—
Wiedemer, George A.
Seibert, Ernest H.: *See*—
Menning, George, and Seibert.
Nelson, Melven V., and Seibert.
Seibert, Ernest H., assignor to Autopoint Company, Chicago, Ill. Clip assembly for pencils, pens, and the like. 2,537,793, Jan. 9.
Seibert, Ernest H., assignor to Autopoint Company, Chicago, Ill. China marking pencil. 2,570,496, Oct. 9.
Seid, Eugene, and L. L. Kilpatrick, Los Angeles, Calif., assignors to North American Aviation, Inc. Digital servo. 2,537,427, Jan. 9.
Seiden, Herman L.: *See*—
Pearl, Donald, and Seiden.
Seiden, Herman L., assignor to R. T. Moloney, Chicago, Ill. Relay with mechanical hold-in. 2,571,068, Oct. 9.
Seiden, Hyman: *See*—
Wolfson, David, and Seiden.
Seidl, Helene C.: *See*—
Bodin, Grace A., and Seidl.
Seidler, Arthur W.: *See*—
Huff, Melvin O., and Seidler.
Seidlitz Paint & Varnish Co., assignee: *See*—
Jensen, Otto.
Seidman, Hyman, New York, N. Y. Retaining clip for finger ring pairs. 2,555,904, June 5.
Seidman, Jeanne, Haifa, Palestine. Dish cover. 2,561,889, July 24.
Seidman, Richard L., South Norwalk, Conn. Flexible track element and structure. 2,574,067, Nov. 6.
Seidner, David, New York, N. Y. Swimming trunks. 2,560,192, July 10.
Seifert, John J., Portland, Oreg. Sound-producing alarm for fishing reels. 2,553,480, May 15.
Seiferth, Oscar E.: *See*—
Mayer, Carl G., and Seiferth.
Seifried, Albert L., Millington, assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Permanent magnet electrodynamic transducer. 2,553,150, May 15.
Seifried, Anthony G.: *See*—
Sternad, Frank S., and Seifried.
Seifried, Anton G., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Applying wound covering to elastic thread. 2,579,244, Dec. 18.
Seifried, Reinhold V., Clayton, assignor to Century Electric Company, St. Louis, Mo. Dynamoelectric machine. 2,543,131, Feb. 27.
Seifter, Joseph: *See*—
Bruce, William F., and Seifter.
Opie, Joseph W., Seifter, Bruce, and Mueller.
Seifts, Arthur H., West Hempstead, assignor of one-third to J. H. Nadler, New York, and one-third to P. R. Hamlin, West Hempstead, N. Y. Power actuated glider equipped with a safety device. 2,552,223, May 8.
Seigel, Frank J.: *See*—
Schmid, John H., Tansey, and Seigel.
Seigenthaler, Walter, Nashville, Tenn. Manually manipulatable device for cutting name and address bearing labels from a rolled printed strip. 2,556,401, June 12.
Seiger, Harry W., Santa Monica, Calif. Double spring bottle holder. 2,557,570, June 19.
Seigle, William, Dallas, Tex. Fishing float. 2,544,968, Mar. 13.
Seigneur, Floyd O., St. Louis, Mo. Latchable seat. 2,559,548, July 3.
Seil, Lewis W., assignor to Cory Corporation, Chicago, Ill. Housing for electric fans and the like 2,544,281, Mar. 6.
Seim, Harry E., assignor to The Bryant Electric Company, Bridgeport, Conn. Lamp holder for tubular fluorescent lamps. 2,537,161, Jan. 9.
Seinfeld, Ludwik R., New Providence Township, Union County, N. J. Single suction impeller. 2,547,786, Apr. 3.
Seipp, George A., Minneapolis, Minn. Collapsible insulated refrigerator bag for carrying articles to be chilled. 2,575,191, Nov. 13.
Seismograph Service Corporation, assignee: *See*—
Hawkins, James E.
Hawkins, James E., and Cornett.
Hawkins, James E., and Koeppel.
Pugh, William E.
Seiter, Eugene D.: *See*—
Gooding, Chester M., Morrill, and Seiter.
Morrill, Elliott, Seiter, and Gooding.
Seiter, Eugene D., Jersey City, N. J., C. M. Gooding, Staten Island, N. Y., and E. Morrill, Oak Park, Ill., assignors to The Best Foods, Inc., New York, N. Y. Color and stain removers for fabrics. 2,548,914, Apr. 17.
Seitz, August W.: *See*—
Greiner, Alfred, and Seitz.
Seitz, Clifford P., Hicksville, N. Y., assignor to himself and J. N. Pecoraro, as trustees. Pressure-responsive compressed-gas supply gauge. 2,565,526, Aug. 28.
Seitz, Walter T., Etna, Pa. Induction motor. 2,573,283, Oct. 30.
Sejournet, Jacques, Paris, and L. Labataille, Houilles, assignors to Comptoir Industriel D'Etirage et Profilage de Metaux, Paris, France. Extrusion of metals. 2,538,917, Jan. 23.
Sejournet, Jacques, Paris, and J. Bonnassieux, Les Fontaines D'Ugine, assignors to Comptoir Industriel D'Etirage et Profilage de Metaux, Paris, France. Die for the extrusion of metals. 2,538,918, Jan. 23.
Sekely, Carl, Salem, Ohio. Grass shears. 2,578,606, Dec. 11.
Sekely, Dezso D., assignee: *See*—
Király, Endre.
Selander, Johan E., Goteborg, Sweden. Centrifugal coil clutch. 2,572,528, Oct. 23.
Selas Corporation of America, assignee: *See*—
Berger, Carl R., Jr.
Blaha, Emil.
Dietrich, Karl L.
Furczyk, Alfons A.
Henwood, Jemas B.
Hess, Frederic O.
Hess, Frederic O., and Maud.
Jordan, John W.
Robinson, John W.
Skivesen, Kristian.
Williams, John R.
Selby, Harold E., Brooklyn, N. Y., assignor, by mesne assignments, to Bishop Manufacturing Corporation, Summit, N. J. Self-sealing insulating material of high dielectric strength. 2,569,540, Oct. 2.
Selby, Harold E., Brooklyn, N. Y., assignor, by mesne assignments, to Bishop Manufacturing Corporation, Summit, N. J. Electrical insulation comprising polyethylene, polyisobutylene, isobutylene-diolefin copolymer, and lubricant. 2,569,541, Oct. 2.
Selby, James, Middlesex, assignor to Victoria Machine Tool Company Limited, London, England. Preselector mechanism for effecting gear changes. 2,550,383, Apr. 24.
Selby, Robert M., Nicollet, Minn. Concrete mixer. 2,547,500, Apr. 3.
Selby Shoe Company, The, assignee: *See*—
Darragh, Harry W.
Eash, George H.
Selby, Theodore R., Chicago, Ill., assignor to Wilson & Co., Inc. Apparatus for cleaning animal intestines. 2,560,603, July 17.
Selck, Walter E., and Co., assignee: *See*—
Moskowitz, Sam.
Selden, John K., Berlin, N. J., assignor to Owens-Illinois Glass Company, Toledo, Ohio. Making porous bodies. 2,540,354, Feb. 6
Selden, Robert G., Cuyahoga Falls, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Rivet. 2,562,336, July 31.
Seldin, Seymour, Utica, N. Y. Garment conveyor. 2,536,575, Jan. 2.
Seldon, George E., Kirkwood, Mo. Thermal and auxiliary valve combination. 2,571,625, Oct. 16.
Seldon, Mark R., Stratford, assignor to United Aircraft Corporation, East Hartford, Conn. Automatic speed controller. 2,549,020, Apr. 17.

Selectronics, Inc., assignee: *See*—
Fleming, William.
Minnich, Edward L.
Monnia, Eugene F.
Self-Changing Gear Company Limited, assignee: *See*—
Wilson, Andrew G., and Miller.
Self-Priming Pump & Engineering Co. Limited, assignee: *See*—
Yates, John E. N., Dawson, and Meredew.
Selfridge, Leroy K., Portland, Oreg. Adjusting means for chain wrench. 2,577,861, Dec. 11.
Selgin, Paul J., Fort Wayne, Ind., assignor, by mesne assignments, to Farnsworth Research Corporation. Low-clearance antenna. 2,541,107, Feb. 13.
Seligman, Joseph, assignor to Philadelphia Metal Drying Form Company, Inc., Philadelphia, Pa. Steam circulator. 2,569,735, Oct. 2.
Seligman, Richard, and S. W. T. Paine, assignors to The A. P. V. Company Limited, London, England. Preparation of brewers' worts. 2,555,938, June 5.
Seligman, Roger, assignee: *See*—
Sartakoff, Jack D.
Selinger, Anton, New England, and O. Bakke, De Sart, N. Dak. Machine for moving boxcars. 2,578,267, Dec. 11.
Selkowe, Henry B., New York, N. Y. Curtain. 2,555,764, June 5.
Sell, Jesse, Elmwood, Nebr. Clamshell excavator of the carry type. 2,574,713, Nov. 13.
Sell, Richard G., and R. H. Cubitt, London, England, assignors, by mesne assignments, to The Union Switch and Signal Company, Swissvale, Pa. Alternating current rectifier. 2,545,863, Mar. 20.
Sellars, George L.: *See*—
Barber, Hiram L., and Sellars.
Sellen, George F.: *See*—
Small, Augustus B., and Sellen.
Sellers, Frederick B., assignor to Texaco Development Corporation, New York, N. Y. Hydrogenation of coal. 2,572,061, Oct. 23.
Sellers, Ira G., San Diego, Calif. Ruling guide for typewriters. 2,551,346, May 1.
Sellers, John K., Warren, Ariz. Device for holding and desiccating smoking pipes. 2,577,278, Dec. 4.
Sellers, William D.: *See*—
Beeson, Martin L., and Sellers.
Cummins, Harry D.
Sellet, Lucien, Saddle River, and W. O. Dawson, East Paterson, N. J., assignors to Jacques Wolf & Co. Dicyandiamide and formaldehyde product and making. 2,567,238, Sept. 11.
Sellstrom Manufacturing Company, assignee: *See*—
Anderson, Marshall N.
Selmer, H. & A., Inc., assignee: *See*—
McKean, William.
Selseth, Forbie O., Minneapolis, Minn. Screw holding screw driver. 2,575,473, Nov. 20.
Selten, Bernard A., and E. Slater, Los Angeles, Calif. Dish holder. 2,563,694, Aug. 7.
Seltzer, Robert E., assignor to The American Baler Co., Bellevue, Ohio. Cotton chopper. 2,574,666, Nov. 13.
Selvig, John N., Westfield, N. J. Apparatus for treating fibrous stalks. 2,551,855, May 8.
Selz, Jacques, Paris, France, assignor to International Standard Electric Corporation, New York, N. Y. Radio direction finding system. 2,568,768, Sept. 25.
Selz, Jacques, and A. de Leudeville, Paris, France. Amplifying voltmeter with a logarithmic scale. 2,575,073, Nov. 13.
Selzer, Clarence F., New York, N. Y. Inking device. 2,544,362, Mar. 6.
Selzer, William S., Warrensburg, Mo. Hot drink machine. 2,558,062, June 26.
Selzler, Michael L., Santa Monica, and O. O. Oleson, Los Angeles, Calif. Spring biased closure. 2,551,058, May 1.
Semb, Joseph, Pearl River, assignor to American Cyanamid Company, New York, N. Y. Preparing 2-amino-4-hydroxy-6-methylol pteridine. 2,547,501, Apr. 3.
Semel, Milton: *See*—
Hoffmann, Banesh, and Semel.
Semeyn, Johannes, Eindhoven, Netherlands, assignor to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Socket for an elongated tubular lamp having contact pins at its ends. 2,575,597, Nov. 20.
Seminara, Robert, New York, assignor of fifty per cent to E. W. White, Brooklyn, N. Y. Shoe bottom. 2,542,292, Feb. 20.
Semm, Paul T., assignor to Wheelco Instruments Company, Chicago, Ill. Voltage measuring device using frequency modulation. 2,567,896, Sept. 11.
Semm, Paul T., Batavia, and R. T. Nakasone, assignors to Wheelco Instruments Company, Chicago, Ill. Amplifier. 2,548,176, Apr. 10.
Semm, Paul T., Batavia, and R. T. Nakasone, assignors to Wheelco Instruments Company, Chicago, Ill. Reversible motor control apparatus. 2,569,697, Oct. 2.
Semon, Albert L., Short Hills, N. J. Device for lubricating fluid pressure operated means. 2,571,770, Oct. 16.
"Semperit" Oesterreichisch, Amerikanische Gummiwerke Aktiengesellschaft, assignee: *See*—
Trözmüller, Friedrich J.
Semple, William A.: *See*—
Hollum, Arne M., James, and Semple.
Semrow, Harry H., Chicago, Ill. Soap dish. 2,575,843, Nov. 20.
Senderowitz, Morris H., assignor to Royal Manufacturing Company, Inc., Allentown, Pa. Undergarment. 2,570,497, Oct. 9.
Senderowitz, Morris H., assignor to Royal Manufacturing Company, Inc., Allentown, Pa. Undergarment. 2,570,498, Oct. 9.
Senders, Pieter F. M., Eindhoven, Netherlands, assignor to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Cutting plate for dry-shaving apparatus. 2,579,706, Dec. 25.
Sendzimir, Tadeusz, and J. E. Eckert, assignors to Armzen Company, Middletown, Ohio. Rolling mill and lubrication method and means therefor. 2,566,679, Sept. 4.
Seneca Falls Machine Company, assignee: *See*—
Ashton, Richard A.
Smith, Edwin R.
Seney, John S., Richmond, Va., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Moisture indicator for webs. 2,558,392, June 26.
Senf, Henry R.: *See*—
Schleter, George C., and Senf.
Senfleben, Paul W., Malden, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Shoemaking apparatus. 2,540,217, Feb. 6.
Senft, Willibald, Weiz, near Graz, assignor to Elin Aktiengesellschaft für elektrische Industrie, Vienna, Austria. Automatic arc welding with coated electrodes. 2,562,132, July 24.
Senft, Willibald, Weiz, near Graz, Styria, assignor to Elin Aktiengesellschaft für elektrische Industrie, Vienna, Austria. Automatic arc welding with coated electrodes. 2,562,133, July 24.
Seng Company, The, assignee: *See*—
Bolens, Harry W.
Elleman, Tom.
Fox, Martin.
Seng, Lambert Q., Chicago, Ill. Valve. 2,540,298, Feb. 6.
Sengebusch, Hans: *See*—
Graybill, Kenneth W., and Sengebusch.
Lomax, Clarence E., and Sengebusch.
Sengebusch, Hans, Villa Park, assignor to Automatic Electric Laboratories, Inc., Chicago, Ill. Multidirectional selective switch. 2,578,095, Dec. 11.
Senglet, Serge, assignor to Societe Genevoise d'Instruments de Physique, Geneva, Switzerland. Machine tool spindle drive and feed control device. 2,545,008, Mar. 13.
Senkus, Murray, assignor to Commercial Solvents Corporation, Terre Haute, Ind. Preparation of crystalline ammonium penicillin. 2,538,735, Jan. 16.
Senkus, Murray, assignor to Commercial Solvents Corporation, Terre Haute, Ind. Nitro cyclic acetals. 2,543,472, Feb. 27.
Senkus, Murray, assignor to Commercial Solvents Corporation, Terre Haute, Ind. Amino cyclic acetals. 2,543,473, Feb. 27.
Senkus, Murray, assignor to Commercial Solvents Corporation, Terre Haute, Ind. Polyamino alcohols and preparing them. 2,550,646, Apr. 24.
Senkus, Murray, assignor to Commercial Solvents Corporation, Terre Haute, Ind. Halogenated nitro ethers. 2,562,151, July 24.
Senkus, Murray, assignor to Commercial Solvents Corporation, Terre Haute, Ind. Preparation of crystalline penicillin salts. 2,580,364, Dec. 25.
Senn Corporation, assignee: *See*—
Coake, Charles F.
Senn, Jurg A., Milwaukee, Wis. Fluid pressure cycling system. 2,556,603, June 12.
Senn, Otto: *See*—
Ruckstuhl, Hans, Senn, and Wehrli.
Senné, Edgar P., Rockville Centre, N. Y. Filter unit for vacuum cleaners. 2,543,556, Feb. 27.
Senné, Edgar P., Rockville Centre, N. Y. Air intake mechanism for air filter machines. 2,550,384, Apr. 24.
Senninger, Earl J., Chicago, Ill., assignor to Sanmyer Corporation. Dual pump. 2,575,074, Nov. 13.
Senogles, John J., Los Angeles, Calif. Curtain guard. 2,578,607, Dec. 11.
Sensel, Eugene E.: *See*—
Beck, Roland A., Sensel, and Millendorf.
Sensel, Eugene E., Beacon, and R. A. Beck, Glenham, assignors to The Texas Company, New York, N. Y. Apparatus for effecting catalytic reactions. 2,562,993, Aug. 7.
Senseman, Ronald S., Takoma Park, Md. Locking latch handle. 2,559,681, July 10.
Sensinger, Wilbur A., assignor to Crouse-Hinds Company, Syracuse, N. Y. Selective switch. 2,545,172, Mar. 13.
Sensiper, Samuel, Garden City, N. Y., assignor to The Sperry Corporation. Coupling loop. 2,543,809, Mar. 6.

Sensiper, Samuel, Garden City, N. Y., assignor to The Sperry Corporation. Apparatus for measuring ultra high frequency field distributions. 2,551,398, May 1.
Senter, Clair M.: *See*—
Pofferberger, Lloyd C., and Senter.
Senter, Roy W., Topeka, Kans. Nut placing slotted-socket wrench. 2,574,352, Nov. 6.
Sentinel Radio Corporation, assignee: *See*—
Adler, Harold J., and Mroz.
Séon, Marius, Montreuil-sous-Bois, and I. Raitzyn, assignors to Compagnie de Produits Chimiques et Electrométallurgiques, Alais, Froges et Camargue, Paris, France. Pyridinium sulpho compounds. 2,537,428, Jan. 9.
Séon, Marius, Montreuil-sous-Bois, and I. Raitzyn, Belloy, assignors to Compagnie de Produits Chimiques et Electrometallurgiques Alais Froges et Camargue, Paris, France. Preparing isoprene by dehydration of 1-methoxy, 3-methyl, butene-3. 2,561,483, July 24.
Séon, Marius, Montreuil-sous-Bois, and I. Raitzyn, Belloy, France, assignors to Pechiney-Compagnie de Produits Chimiques et Electrometallurgiques. Catalytic dehydrohalogenation of halogenated saturated acyclic ethers to the corresponding unsaturated ethers. 2,564,035, Aug. 14.
Separation Process Company, assignee: *See*—
Cleemann, Jorgen O.
Sepavich, Victor F., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Electric weft detecting system for looms. 2,546,617, Mar. 27.
Sepavich, Victor F., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Shuttle for electronic loom protection. 2,551,172, May 1.
Seppmann, Alfred B., Mankato, Minn. Master cylinder structure. 2,547,233, Apr. 3.
Serafin, Joseph W., Chicago, Ill. Extended collet holder for milling machine dividing heads. 2,572,890, Oct. 30.
Serbin, Inc., assignee: *See*—
Serbin, Lewis I.
Serbin, Lewis I., Shaker Heights, assignor to Serbin, Inc., Cleveland, Ohio. Blouse holding means. 2,555,817, June 5.
Serebrin, Dorothy D., Minneapolis, Minn. Bib for children. 2,551,907, May 8.
Serdex, Inc., assignee: *See*—
Coburn, William K.
Serdynsky, Eugene D., J. S. Gowing, and R. M. Wiley, Midland, and C. B. Havens, Hope, assignors to The Dow Chemical Company, Midland, Mich. Polymeric vinylidene chloride compositions having little tendency to acquire and retain an electric charge. 2,537,712, Jan. 9.
Serdynsky, Eugene D., J. S. Gowing, and R. M. Wiley, Midland, and C. B. Havens, Hope, assignors to The Dow Chemical Company, Midland, Mich. Polymeric vinylidene chloride compositions having little tendency to acquire static electricity. 2,556,045, June 5.
Serdynsky, Eugene D., J. S. Gowing, and R. M. Wiley, Midland, and C. B. Havens, Hope, assignors to The Dow Chemical Company, Midland, Mich. Polymeric vinylidene chloride compositions. 2,577,635, Dec. 4.
Serge Elevator Co., Inc., assignee: *See*—
Mignocchi, Serge, and Louis.
Serge, Igor B., Beverly Hills, Calif., assignor of one-half to J. J. Day, Chicago, Ill. Magnetic valve. 2,556,225, June 12.
Sergent, Anna M. W., assignee: *See*—
Watts, Albert E.
Serio, Anthony W., assignee: *See*—
Serio, Harry P.
Serio, Anthony W., Elmira, N. Y. Collar form. 2,539,555, Jan. 30.
Serio, Anthony W., assignor of one-half to H. P. Serio, Elmira, N. Y. Band and handle attachment for cooking utensils. 2,554,642, May 29.
Serio, Harry P., assignor of one-half to A. W. Serio, Elmira, N. Y. Handle attachment for cooking utensils. 2,554,643, May 29.
Serio, Harry P., assignor of one-half to A. W. Serio, Elmira, N. Y. Handle attachment for cooking utensils. 2,554,644, May 29.
Serio, Harry P., Elmira, N. Y. Coffee percolator. 2,557,317, June 19.
Sermon, George T.: *See*—
Moe, Clyde A., Peake, and Sermon.
Serniuk, George E., Roselle, N. J., assignor to Standard Oil Development Company. Amine activated polymerization process. 2,557,363, June 19.
Serota, Rudolph M., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Combined inductor and work-supporting means. 2,577,487, Dec. 4.
Serpas, Ralph J., Minneapolis, Minn. Vertical tube evaporator. 2,538,275, Jan. 16.
Serrine, Charles E., Indianapolis, Ind. Action advertising device. 2,554,063, May 22.
Sersté, Jacques E., J. S. Teplow, and Paul and Pierre Sersté, Forest-Brussels, Belgium. Two-stroke internal combustion engine. 2,554,645, May 29.
Sersté, Paul: *See*—
Sersté, Jacques E., Teplow, and Paul and Pierre Sersté.
Sersté, Pierre: *See*—
Sersté, Jacques E., Teplow, and Paul and Pierre Sersté.
Serugo Rubber Company, The, assignee: *See*—
Hauser, Joseph E.
Servel, Inc., assignee: *See*—
Andersson, Sven W. E.
Ashby, Carl T.
Berry, Norton E.
Compton, Wallace W., and Cooper.
Edberg, Per.
McNelly, Lowell.
Reid, John G., Jr.
Roud, Gust.
Sherwood, Thomas K.
Simpson, Walter M.
Servanty, Lucien, assignor to Societe Nationale de Constructions Aeronautiques du Sud-Ouest (Societe Anonyme) Paris, France. Adjusting the effective exit cross-section of a nozzle or the like. 2,575,735, Nov. 20.
Service Diamond Tool Company, assignee: *See*—
Small, Louis.
Service, Robert W., Hamilton, Ohio. Combination coffee and card table. 2,551,766, May 8.
Service Wood Heel Co., The, assignee: *See*—
Constantine, George R., and Ball.
Services Industriels de Geneve, assignee: *See*—
Buffle, Jean P.
Servicised Products Corporation, assignee: *See*—
Fischer, Albert C.
Huggins, Robert E.
Servis, Hoyt, assignor to The Dumore Company, Racine, Wis. Securing leads to commutators. 2,572,956, Oct. 30.
Servis, Richard J., Averill Park, R. H. Carroll, Old Chatham, and B. F. Tullar, East Greenbush, assignors to Sterling Drug Inc., New York, N. Y. Chlorine oxidation of bile acids. 2,576,728, Nov. 27.
Servo Control Company, Inc., assignee: *See*—
Fish, Walter S., and McCoy.
Servo-Frein Dewandre Société Anonyme, assignee: *See*—
Dewandre, Albert.
Servomechanisms, Inc., assignee: *See*—
Muller, Wolf F.
Servo-Tek Products Co., Inc., assignee: *See*—
Kent, Frederick J.
Wilkins, Floyd V.
Seserman, Samuel, Dorchester, assignor of one-third to B. Schwartz, Brighton, and one-third to H. Linder, Roxbury, Mass. Work guide for sewing machines. 2,557,150, June 19.
Sessions, J. H., & Sons, assignee: *See*—
Schwarz, Leonard H.
Setchell, Barton T., St. Paul, Minn. Radio chassis mounting construction. 2,549,021, Apr. 17.
Seter, Peter K., Milwaukee, Wis. Micrometer adjusting means for pump strokes. 2,564,793, Aug. 21.
Setka, Raymond P.: *See*—
Cantalupo, Francis J., De Craene, Schmidt, Setka, and Yant.
Cantalupo, Francis J., De Craene, and Setka.
Setka, Raymond P., assignor to Crane Co., Chicago, Ill. Valve actuating mechanism or the like. 2,567,035, Sept. 4.
Setterblade, Frances B., Prospect Park, Pa. Fishing lure. 2,552,224, May 8.
Settergren, Anders G. B.: *See*—
Settergren, O. G. A. and A. G. B.
Settergren, Otto G. A. and A. G. B. Sennan, Sweden. Rotary soil working element. 2,545,590, Mar. 20.
Settles, James C.: *See*—
Orr, Claude L., and Settles.
Settles, James C., assignor to The Buckeye Steel Castings Company, Columbus, Ohio. Damping means for railway trucks. 2,573,165, Oct. 30.
Settles, James C., and C. L. Orr, assignors to The Buckeye Steel Castings Company, Columbus, Ohio. Damping means for railway trucks. 2,575,137, Nov. 13.
Settles, James C., and R. M. Wege, assignors to The Buckeye Steel Castings Company, Columbus, Ohio. Railway car truck. 2,557,616, June 19.
Setzer, David H.: *See*—
Simmons, John C., Setzer, and Mull.
Setzkorn, Eugene A.: *See*—
McKinney, Leonard L., Uhing, Setzkorn, and Cowan.
Seubold, Frank H., Jr.: *See*—
Raley, John H., and Seubold.
Seufer, Elenora W., assignee: *See*—
Seufer, Frederick E.
Seufer, Ernst J., assignee administrator: *See*—
Seufer, Frederick E.
Seufer, Frederick E., deceased, Evansville, Ind.; E. J. Seufer, administrator, assignor to E. J. and E. W. Seufer, Evansville, Ind. Reciprocatory closure for bottles or tubes. 2,555,459, June 5.
Sevčik, Paul, Chicago, Ill. Plugging device for door locks. 2,559,549, July 3.
Sevenich, Ernest D., Leetonia, Ohio. Toilet paper dispenser. 2,565,994, Aug. 28.
Severini, Sergio, assignor to Officina Meccanica e Riparazioni-Omera-Società a. R. L., Rome, Italy. Hydraulic brake device. 2,566,147, Aug. 28.
Severson, Harry A., executor: *See*—
Colman, Howard D.
Severud, Gerhard, Oslo, Norway. Cream remover. 2,573,500, Oct. 30.

Seviola, Albert F., Minneapolis, Minn. Folding ice fishing rod. 2,546,079, Mar. 20.

Sevold, Boyd J., Tamaqua, Pa., assignor to Atlas Powder Company, Wilmington, Del. Electric match and explosion initiator containing the same. 2,549,533, Apr. 17.

Seward, Emmett R., Houston, Tex. Side ditch scraper for ditching machines. 2,574,799, Nov. 13.

Seward, Eugene R., Neah Bay, Wash. Submersible marine stabilizer for boats. 2,561,539, July 24.

Sewell, Benjamin W., Tulsa, Okla., assignor to Standard Oil Development Company. Core recovery recorder. 2,537,162, Jan. 9.

Sewell, Benjamin W., Tulsa, Okla., assignor to Standard Oil Development Company. Drilling bore holes. 2,537,605, Jan. 9.

Sewell, Benjamin W., Tulsa, Okla., assignor to Standard Oil Development Company. Testing subterranean formations. 2,545,975, Mar. 20.

Sewell, Benjamin W., Tulsa, Okla., assignor to Standard Oil Development Company. Well logging. 2,569,390, Sept. 25.

Sewell, Nathan R., Jr., Raleigh, N. C. Clay bodies and producing same. 2,546,477, Mar. 27.

Sewol, John A., Hempstead, N. Y. Bobby pin opener. 2,548,561. Apr. 10.

Sexton, Arthur R., assignor to The Dow Chemical Company, Midland, Mich. Thermostable polymeric vinylidene chloride composition. 2,537,713, Jan. 9.

Sexton, George N., Kensington, Md. Collapsible suction hose. 2,572,062, Oct. 23.

Sexton, Ralph: *See*—
Metcalfe, Clifford, and Sexton.

Seybold, Frederick W., Westfield, N. J., assignor to E. P. Lawson Co., Inc., New York, N. Y. Knife changing device. 2,540,836, Feb. 6.

Seybold, Frederick W., Westfield, N. J. Transmission. 2,548,272, Apr. 10

Seybold, Frederick W., Westfield, N. J., assignor to E. P. Lawson Co., Inc., New York, N. Y. Paper cutter. 2,570,873, Oct. 9.

Seybold, Frederick W., Westfield, N. J., and N. Herman, Bronx, assignors to E. P. Lawson Co., Inc., New York, N. Y. Guillotine knife-improved values for hydraulic clamp. 2,574,501, Nov. 13.

Seybold, Joseph F., Cleveland, Ohio. Can cover and punch. 2,571,387, Oct. 16.

Seybold, René, Strasbourg-Meinau, France. Reed mounting with metal tongues for musical instruments. 2,562,397, July 31.

Seybolt, Alan U.: *See*—
McKechnie, Robert K., Seybolt, and Gray.

Seyffert, Marvin L., Clayton, Mo., assignor, by mesne assignments, to Missouri Automatic Control Corporation. Device for controlling ice formations. 2,558,063, June 26.

Seyler, Henry G., Los Angeles, Calif. Transparency projector with rotatable turret magazine. 2,537,429, Jan. 9.

Seymour, Arthur C., Frankfort, assignor to Remington Rand Inc., Buffalo, N. Y. Totalizer selector means for computing and recording machines. 2,573,934, Nov. 6.

Seymour, David F.: *See*—
Chester, Allan E., and Seymour.

Seymour, Edward H., Sycamore, Ill. Hermetically sealed package for mixing and discharging paint. 2,580,132, Dec. 25.

Seymour, George J., assignee: *See*—
Seymour, Paul M.

Seymour, George W., Maplewood, B. B. White, and L. J. Rosen, Summit, and L. Kruth, East Orange, N. J., assignors to Celanese Corporation of America. Cellulose esters. 2,552,820, May 15.

Seymour, George W., Maplewood, F. Fortess, Summit, N. J., and M. Duke, Cumberland, Md., assignors to Celanese Corporation of America. Yarn lubricant. 2,564,768, Aug. 21.

Seymour, George W., Maplewood, N. J., and M. Duke, Cumberland, Md., assignors to Celanese Corporation of America. Textile lubricant. 2,575,399, Nov. 20.

Seymour, George W., Maplewood, B. B. White, Summit, and H. R. Kirshen, Chatham, N. J., assignors to Celanese Corporation of America. Cellulose derivatives. 2,579,873, Dec. 25.

Seymore, Larry M., West Los Angeles, Calif. Sighting and range finding device for firearms. 2,563,193, Aug. 7.

Seymour, Malcolm: *See*—
Manning, Joseph F., and Seymour.

Seymour, Paul M., assignor of fifty per cent to G. J. Seymour, Clinton, Mass. Folding convertible bench and picnic table. 2,558,465, June 26.

Seymour, Raymond B.: *See*—
Mowry, David T., and Seymour.

Seymour, Raymond B., assignor to the Industrial Research Institute of the University of Chattanooga, Chattanooga, Tenn. Reaction products of (A) copolymers of maleic anhydride and monovinyl compounds and (B) chlorophenols or nitrophenols. 2,577,041, Dec. 4.

Seymour, Raymond B., Dayton, Ohio, assignor to Monsanto Chemical Company, St. Louis, Mo. Plasticized polystyrene composition. 2,574,439, Nov. 6.

Sforzini, Robert A.: *See*—
De Zubay, Egon A., and Sforzini.

Sforzini, Robert A., Toledo, Ohio, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Cooling of annular combustion chamber fuel manifolds. 2,541,108, Feb. 13.

Sforzini, Robert A., Toledo, Ohio, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Annular combustion chamber air flow arrangement about the fuel nozzle end. 2,545,495, Mar. 20.

Sforzini, Robert A., Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Annular combustion chamber having telescoping walls with corrugated ends for spacing. 2,549,858, Apr. 24.

Sfreddo, John, River Edge, N. J. Fire alarm. 2,563,877, Aug. 14.

Sguaitamatti, Bruno: *See*—
Schnorf, Armand, Nabholz, and Sguaitamatti.

Shaad, George E., and R. B. Moore, Schenectady, and H. B. La Roque, Scotia, assignors to General Electric Company. Reversing motor control system. 2,537,794, Jan. 9.

Shaback, Andrew J., assignor to Electric Service Manufacturing Co., Philadelphia, Pa. Lamp socket having leaf spring contacts. 2,549,134, Apr. 17.

Shabaker, Hubert A., Media, Pa., assignor to Houdry Process Corporation, Wilmington, Del. Method and apparatus for preparation of contact masses. 2,541,109, Feb. 13.

Shabaker, Hubert A., Media, Pa., assignor to Houdry Process Corporation, Wilmington, Del. Preparing gel. 2,543,069, Feb. 27.

Shabaker, Hubert A., Media, Pa., assignor to Houdry Process Corporation, Wilmington, Del. Hydrocarbon conversion apparatus and process. 2,543,070, Feb. 27.

Shabaker, Hubert A., Media, Pa., assignor to Houdry Process Corporation, Wilmington, Del. Catalyst manufacture and apparatus therefor. 2,543,132, Feb. 27.

Shabaker, Hubert A., Media, Pa., assignor to Houdry Process Corporation, Wilmington, Del. Manipulation of fluent solids. 2,560,604, July 17.

Shabaker, Hubert A., Media, Pa., assignor to Houdry Process Corporation, Wilmington, Del. Extracting iron from clay. 2,561,422, July 24.

Shabrick, Ann M., assignee: *See*—
Wing, Lewis O.

Shacikoski, Anthony, Avonmore, Pa. Mine roof scaler. 2,577,924, Dec. 11.

Shackelford, Marshal P., Livingston, Tex. Collapsible frame. 2,541,722, Feb. 13.

Shadduck, Laurine R., Chicago, Ill. Vegetable splitter. 2,538,430, Jan. 16.

Shadduck, Laurine R., Chicago, Ill. Vegetable splitter. 2,572,770, Oct. 23.

Shadgen, Victor C., New York, N. Y. Building structure. 2,575,474, Nov. 20.

Shadowitz, Albert, Nutley, N. J., and M. Silver, Rego Park, assignors to International Standard Electric Corporation, New York, N. Y. Center frequency stabilizer for frequency modulation transmitters. 2,556,226, June 12.

Shaeffer, Norbert, Los Angeles, Calif., assignor by mesne assignments to Cutter Corporation. Hair trimming comb. 2,569,344, Sept. 25.

Shafer, Arthur C., Cincinnati, Ohio. Fishing device. 2,561,237, July 17.

Shafer, Clarence W., assignor to Beaver Pipe Tools, Inc., Warren, Ohio. Pipe rest. 2,578,321, Dec. 11.

Shafer, George E., Middletown, Ohio., assignor to Armco Steel Corporation. Longitudinal seam for corrugated metal pipe for light duty tunnel liners. 2,540,141, Feb. 6.

Shafer, James A., East Cleveland, assignor to National Malleable and Steel Castings Company, Cleveland, Ohio. Snubbed bolster car truck. 2,563,428, Aug. 7.

Shafer, Julius E., Chicago, Ill. Bearing assembly. 2,553,337, May 15.

Shafer, Kenneth L., Buffalo, N. Y. Lock washer. 2,573,226, Oct. 30.

Shafer, Orville B.: *See*—
Dayger, Jonas E., Shafer, and Gray.
Dayger, Jonas E., Shafer, and Miller.

Shafer, Theodore C.: *See*—
Emerson, William S., and Shafer.
Emerson, William S., Shafer, and Heimsch.

Shafer, Theodore C., and R. I. Longley, Jr., Dayton, Ohio, assignors to Monsanto Chemical Company, St. Louis, Mo. Preparation of terephthalic acid. 2,572,575, Oct. 23.

Shaff, Ernest H., Spring Lake, assignor to Keller Tool Company, Grand Haven, Mich. Adapter. 2,538,919, Jan. 23.

Shaff, Ernest H., Spring Lake, assignor to Keller Tool Company, Grand Haven, Mich. Power-operated nail driver. 2,543,942, Mar. 6.

Shaff, Ernest H., Spring Lake, assignor to Keller Tool Company, Grand Haven, Mich. Clutch drive mechanism for power-operated screw drivers and the like. 2,564,345, Aug. 14.

Shaff, Ernest H., Spring Lake, assignor to Keller Tool Company, Grand Haven, Mich. Hoist brake mechanism. 2,566,036, Aug. 28.

Shaff, Ernest H., Spring Lake, assignor to Keller Tool Company, Grand Haven, Mich. Power-operated screw driver. 2,570,164, Oct. 2.

Shaff, Ernest H., Spring Lake, assignor to Keller Tool Company, Grand Haven, Mich. Lubricating system for air motors. 2,575,640, Nov. 20.
Shaffer Boyd F., Conneautville, and J. F. Sprute, Cochranton, Pa., assignors to American Viscose Corporation, Wilmington, Del. Creel tensioning device. 2,542,097, Feb. 20.
Shaffer, Boyd L.: *See*—
Duke, Marshall, Hohing, and Shaffer.
Shaffer, Chester E., Arlington, N. J., and A. B. Fischer, Jr., Wilkinsburg, assignors to Koppers Company, Inc., Pittsburgh, Pa. Stoking apparatus ash removal means. 2,546,171, Mar. 27.
Shaffer, Donald U., Brea, Calif. Adjustable jar trip spring. 2,557,238, June 19.
Shaffer, Donald U., Brea, Calif. Safety drilling and fishing bumper sub. 2,568,256, Sept. 18.
Shaffer, Walter M., Wickliffe, assignor to Towmotor Corporation, Cleveland, Ohio. Industrial truck. 2,541,298, Feb. 13.
Shafter, Ruland R., Freeport, N. Y., assignor to Nordberg Manufacturing Company, Milwaukee, Wis. Jaw crusher with double toggle. 2,575,301, Nov. 13.
Shager, Bernise J.: *See*—
Pool, Stuart D., and Shager.
Shaheen, Elias, assignee: *See*—
Dager, Albert.
Shain, David L., Harrisburg, Ill. Car journal oiler. 2,538,804, Jan. 23.
Shakesby, Leonard, assignor to Canada Cycle and Motor Company Limited, Weston, Ontario, Canada. Machine for tensioning wire spoked wheels. 2,536,317, Jan. 2.
Shakespeare Products Company, assignee: *See*—
Gerry, William R.
Weber, Herman.
Weber, Herman H., and Gerry.
Shakowitz, Isidore, Philadelphia, Pa. Sled. 2,539,209, Jan. 23.
Shaler, Saul, Jackson Heights, N. Y. Adjustable handdrill. 2,546,655, Mar. 27.
Shaler, Saul, Jackson Heights, N. Y. Woodworking plane. 2,568,665, Sept. 18.
Shallcross Mfg. Company, assignee: *See*—
Mitchell, Frederic D., and O'Halloran.
Shallenberg, Walter, assignor to The Deming Company, Salem, Ohio. Pump. 2,578,322, Dec. 11.
Shanahan, Henry W., Coeur d'Alene, Idaho. Hose support. 2,571,388, Oct. 16.
Shanaman, Charles B., Clarksburg, W. Va. Pneumatic actuating means for metal parts washers. 2,559,472, July 3.
Shand, Edwin W., Homewood, Ill., assignor to Sinclair Refining Company, New York, N. Y. Process and apparatus for the catalytic conversion of hydrocarbons. 2,560,899, July 17.
Shand, Harold, Charlton, London, England. Extensible side support for sliding drawers and the like. 2,575,566, Nov. 20.
Shand & Jurs Company, assignee: *See*—
Denham, John J.
Jurs, Albert E., Jr.
Jurs, Eugene E.
Shaner, Anthony, and J. C. Hampson, assignors to Falls Spring & Wire Company, Detroit, Mich., and Great Lakes Spring Corporation, Chicago, Ill. Machine for making spring liners. 2,549,338, Apr. 17.
Shank, Harvey T., Toronto, Ontario, Canada. Troughing idler. 2,555,765, June 5.
Shank, Harvey T., Toronto, Ontario, Canada. Conveyer idler. 2,575,598, Nov. 20.
Shanklin, John P., assignor to Collins Radio Company, Cedar Rapids, Iowa. Radiant energy antenna. 2,578,154, Dec. 11.
Shanks, Jacob, University City, Mo. Igniting device for cigarettes, cigars, and the like. 2,556,853, June 12.
Shanks, Lee R., Elmira, N. Y. Folding table with pivoted feet. 2,572,205, Oct. 23.
Shanks, Ruth B., Le Roy, N. Y. Baby bed. 2,570,393, Oct. 9.
Shankweiler, Hiram E., assignor to R. H. Williams, Chicago, Ill. Boring and drilling apparatus. 2,544,617, Mar. 6.
Shann, Oscar A., Short Hills, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone dial lamp. 2,573,617, Oct. 30.
Shannon, Bert A., Long Beach, Calif. Reefing machine. 2,571,169, Oct. 16.
Shannon, Claude E.: *See*—
Pierce, John R., Shannon, and Tukey.
Shannon, Frank S.: *See*—
Hawk, Blaine W., and Shannon.
Shannon, Harold S., Detroit, Mich., assignor to National Steel Corporation. Building wall framing. 2,539,279, Jan. 23.
Shannon, Harold S., Detroit, Mich., assignor to National Steel Corporation. Roof construction. 2,541,784, Feb. 13.
Shannon Hosiery Mills, Incorporated, assignee: *See*—
Illges, Norman S., and Stoltz.
Shannon, Howell F., Richmond, Va. Safety razor. 2,560,004, July 10.
Shannon, Jack F.: *See*—
Grossman, Paul R., and Shannon.
Shannon, Jack F., Euclid, Ohio, assignor to Bailey Meter Company. Control mechanism. 2,541,299, Feb. 13.
Shannon, Jack F., Euclid, Ohio, assignor to Bailey Meter Company. Fluid-tight light transmitting apparatus. 2,567,036, Sept. 4.
Shannon, James A.: *See*—
Fried, Josef, Titus, and Shannon.
O'Keeffe, Andrew E., and Shannon.
Shannon, James F., Bellevue, Wash. Fireplace screen support. 2,562,371, July 31.
Shannon, Lon, assignor to Essaness Patents, Gold Beach, Oreg. Reversible rotary pump. 2,549,714, Apr. 17.
Shantz, Edgar M.: *See*—
Cawley, John D., Robeson, Shantz, Weisler, and Baxter.
Shantz, Edgar M., C. D. Robeson, and H. M. Kascher, assignors, by mesne assignments, to Eastman Kodak Company, Rochester, N. Y. Dehydration and isomerization of straight-chain-conjugated polyene esters and acids. 2,576,104. Nov. 27.
Shanzer, H. M., Co., assignee: *See*—
Gollbach, Joseph, and Marken.
Shapiro, Abraham, Pasadena, and A. F. Clark, Los Angeles, Calif., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Separation of petroleum-in-water emulsions. 2,572,223, Oct. 23.
Shapiro, Ascher H.: *See*—
Reed, William A., and Shapiro.
Shapiro, David C., West Springfield, assignor to Centric Indicator, Inc., Springfield, Mass. Centric indicator. 2,543,512, Feb. 27.
Shapiro, Eli, assignor to Dearborn Stove Company, Dallas, Tex. Vibration damping and sealing means for air ducts. 2,576,860, Nov. 27.
Shapiro, Harold B., assignee: *See*—
Shaw, Walter H.
Shapiro, Harry S.: *See*—
Bachli, Herman, and Shapiro.
Shapiro, Herbert: *See*—
Forbes, Gordon D., and Shapiro.
Shapiro, Hymin: *See*—
Calingaert, George, and Shapiro.
Krohn, Ivar T., and Shapiro.
Shapiro, Hymin, Detroit, and E. G. De Witt, Ferndale, Mich., assignors to Ethyl Corporation, New York, N. Y. Manufacture of organolead compounds. 2,575,323, Nov. 20.
Shapiro, Jack, Brooklyn, and L. Norde, Hempstead, N. Y., assignors, by mesne assignments, to Jefferson Standard Broadcasting Company. Wave shaper for radio signaling. 2,552,348, May 8.
Shapiro, Joseph, assignee: *See*—
Heyman, Albert A.
Wixon, Paul E., and Chapman.
Shapiro, Joseph, Brooklyn, N. Y. Under shelf attachment for containers. 2,557,801, June 19.
Shapiro, Lazarus C., assignor, by mesne assignments, to A. A. Glass, New York, N. Y. Tuning mechanism for superheterodyne radio receivers of the step-tuned type. 2,567,860, Sept. 11.
Shapiro, Murray, assignee: *See*—
Balabushka, George.
Shapiro, Samuel G., Philadelphia, Pa. Ironing device carrying reversible pressing cloth. 2,559,550, July 3.
Shapiro, Sydney H.: *See*—
Jordan, Wesley A., and Shapiro.
Shapleigh, James H., assignor to Hercules Powder Company, Wilmington, Del. Manufacture of hydrogen. 2,571,953, Oct. 16.
Shapleigh, James H., assignor to Hercules Powder Company, Wilmington, Del. Nickel-magnesia-zirconium silicate catalyst. 2,575,324, Nov. 20.
Shapleigh, James H., assignor to Hercules Powder Company, Wilmington, Del. Gas purification. 2,578,490, Dec. 11.
Shappell, Dallas P., Milwaukee, Wis., assignor to McGraw Electric Company. Electrical conductor connector. 2,566,254, Aug. 28.
Shappirio, Sol., Washington, D. C. Glyceride compositions containing betaine derivatives. 2,536,100, Jan. 2.
Sharaf, Nathan, Brookline, Mass. Dish holder. 2,544,053, Mar. 6.
Shardlow, Lawrence R., North Arlington, N. J., assignor to Radio Corporation of America. Water resistant porous medium. 2,541,838, Feb. 13.
Sharkey, William H., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Improving vat dyed nylon fibers. 2,541,839, Feb. 13.
Sharp, Arthur J.: *See*—
Parker, Laurie F., and Sharp.
Sharp, Bertie, assignor to Brooke Tool Manufacturing Company, Limited, Birmingham, England. Chuck. 2,550,871, May 1.
Sharp & Dohme (Canada) Ltd., assignee: *See*—
Delmar, Geza S., and Macallum.
Sharp & Dohme, Incorporated, assignee: *See*—
Cox, Edward H., and Sprague.
Hall, Victor C.
Hartung, Walter H.
Hegarty, Charles P., and Verwey.
Sprague, James M.
Sprague, James M., and Land.

Sharp, Ernest P., Forest Row, assignor of one-half to S. C. Morrell, London, England. Liquid fuel atomizer or carburetor. 2,562,826, July 31.
Sharp, Fred L., Austin, Tex. Parking meter. 2,536,891, Jan. 2.
Sharp, Frederick L., Blackley, Manchester, England, assignor to Imperial Chemical Industries Limited. Dressing seed composition. 2,538,595, Jan. 16.
Sharp, George W., Lodi, N. J. Toolholder. 2,553,151, May 15.
Sharp, Harold E., assignee: *See*—
Sharp, William S.
Sharp, John V., Penfield, assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Correcting residual radial distortion in optical image-forming systems. 2,557,698, June 19.
Sharp, John V., United States Navy. Spherical triangle computer. 2,576,149, Nov. 27.
Sharp, Josephus C.: *See*—
Ellis, Daniel G., and Sharp.
Sharp, Lord G.: *See*—
Gorin, Manuel H., and Sharp.
Sharp, Lord G., and D. R. Carmody, Renner, Tex., assignors to Stanolind Oil and Gas Company, Tulsa, Okla. Extraction of organic oxygenated compounds from hydrocarbon mixtures. 2,568,517, Sept. 18.
Sharp, Paul F., Piedmont, assignor to Golden State Company, Ltd., San Francisco, Calif. Producing a reducing sugar and milk product. 2,558,528, June 26.
Sharp, Paul F., Piedmont, assignor to Golden State Company, Ltd., San Francisco, Calif. Crystallizing crystallizable substances. 2,565,097, Aug. 21.
Sharp, Paul F., Piedmont, and A. J. Wasson, assignors to Golden State Company, Ltd., San Francisco, Calif. Preserving spray dried food products. 2,541,441, Feb. 13.
Sharp, Paul F., Piedmont, D. D. Peebles, Hillsborough, L. R. R. Hawk, San Francisco, and A. M. Besemer, Alameda, assignors to Golden State Company, Ltd., San Francisco, Calif. Whey product derived from milk and producing same. 2,555,514, June 5.
Sharp, Paul F., Piedmont, and J. B. Shields, assignors to Golden State Company, Ltd., San Francisco, Calif. Manufacture of casein. 2,562,646, July 31.
Sharp, Paul F., Piedmont, and W. H. Hoecker, Orinda, assignors to Golden State Company, Ltd., San Francisco, Calif. Milk food product. 2,565,098, Aug. 21.
Sharp, Robert E., Kansas City, Mo. Piston for internal-combustion engines. 2,560,253, July 10.
Sharp, Thomas C., North Hollywood, Calif., assignor to Radio Corporation of America. Synchronized motor drive. 2,560,485, July 10.
Sharp, Walter H.: *See*—
Fountain, Eugene B., and Sharp.
Sharp, William, Birmingham, England. Electric switch. 2,547,604, Apr. 3.
Sharp, William S., Yankee Spring Township, Barry County, assignor of one-half to H. E. Sharp, Middleville, Mich. Lint remover for knitting machines. 2,538,659, Jan. 16.
Sharpe, Hugh W., Chicago, Ill. Waste material consuming structure. 2,563,137, Aug. 7.
Sharpe, William W., Detroit, Mich. Fly swatter. 2,544,215, Mar. 13.
Sharphouse, John H., Urmston, near Manchester, and J. Downing, Spondon, near Derby, England, assignors, by mesne assignments, to Celanese Corporation of America. Alkyl cellulose stabilized with hydroquinone. 2,547,141, Apr. 3.
Sharples, Arthur G., Barnston, Wirral, England. Facing machine. 2,553,481, May 15.
Sharples Chemicals Inc., assignee: *See*—
Barham, Harold N.
Levis, William W., Jr.
Olin, John F.
Tischler, Nathaniel.
Tischler, Nathaniel, and Bell.
Sharples Corporation, The, assignee: *See*—
Collier, Donald W.
Davis, Walter C.
Fitzsimmons, Harold C.
Jones, Leo D.
Sharples, Laurence P.
Sharples, Laurence P., Ardmore, Pa., assignor to The Sharples Corporation. Lubrication system for motors. 2,538,983, Jan. 23.
Shatkin, Aaron, Long Branch, N. J. Lighter. 2,553,152, May 15.
Shatkin, Sidney, Long Branch, assignor to Crest Silver Mfg. Co. Inc., Matawan, N. J. Lipstick case. 2,568,688, Sept. 18.
Shatterproof Glass Corporation, assignee: *See*—
Pratt, Leon A., and Hougland.
Tozer, Ralph N.
Shattuck, Donald E.: *See*—
Kelley, James F., and Shattuck.
Shauger, Harold: *See*—
Pitts, Charles N., and Shauger.
Shavel, John, Jr.: *See*—
Folkers, Karl, and Shavel.
Shaver, Charles C., Logansport, Ind. Change maker. 2,578,951, Dec. 18.
Shaver, Clarence H., Glencoe, Il. Powder container sifter top. 2,562,647, July 31.
Shaver, Forrest W.: *See*—
Gresham, Thomas L., and Shaver.
Shaw, Albert W., R. J. Bullard, and F. L. Claire, Taft, Calif. Power-operated pipe-cutting tool. 2,561,484, July 24.
Shaw, Anne S., Philadelphia, Pa. Paint stirrer and blender. 2,579,874, Dec. 25.
Shaw, Charles B., assignor to Standard Car Truck Company, Chicago, Ill. Railway car truck. 2,545,591, Mar. 20.
Shaw, Charles B., assignor to Standard Car Truck Company, Chicago, Ill. Friction wedge for railway car trucks. 2,564,346, Aug. 14.
Shaw, Charles K., Jr., Pawtucket, R. I., assignor to Shaw-Randall Company, Inc. Dispensing container for stacked elongated articles. 2,577,862, Dec. 11.
Shaw, Charles S.: *See*—
Stedronsky, Victor L., and Shaw.
Shaw, Charlie, Panama City, Fla. All-purpose wheel alignment machine. 2,556,227, June 12.
Shaw, Clifford: *See*—
Hackford, John E., Shaw, and Smith.
Shaw, Duncan, Haworth, N. J., C. Sherwood, Old Greenwich, Conn., and D. T. Cahill, Huntington Station, assignors to Duncan Shaw Corporation, New York, N. Y. Lock construction. 2,541,723, Feb. 13.
Shaw, Duncan, Corporation, assignee: *See*—
Shaw, Duncan, Sherwood, and Cahill.
Shaw, Elliot N., assignor to E. R. Squibb & Sons, New York, N. Y. 2-hydroxy-pyridine-N-oxide and preparing same. 2,540,218, Feb. 6.
Shaw, Ernest C., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Log barking apparatus having converging oscillatable water jets and means to proportionally vary center of convergence and amplitude of oscillation. 2,552,871, May 15.
Shaw, Ernest C., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Hydraulic log barking machine having support for log-rotating rollers tiltable to laterally discharge the log. 2,575,302, Nov. 13.
Shaw, Ernest C., Milwaukee, and M. L. Jensen, Waukesha, assignors to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Hydraulic barker with multiple nozzle oscillating linkage. 2,576,861, Nov. 27.
Shaw, Everett F., Beaumont, Tex., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Can filling machine. 2,574,595, Nov. 13.
Shaw, Everett R., Tempe, Ariz. Dance gliding device. 2,572,671, Oct. 23.
Shaw, Franklin P., Barberton, Ohio. Spring-biased tooth mounting for rotary plows. 2,545,173, Mar. 13.
Shaw, George E., Joliet, Ill. Income tax computing chart. 2,553,338, May 15.
Shaw, George S.: *See*—
Bertrand, Joseph V., and Shaw.
Shaw, George S., Greenwich, Conn., assignor to Hydropress, Incorporated, New York, N. Y. Uniform dielectric heating in a waveguide. 2,537,193, Jan. 9.
Shaw, Gordon M.: *See*—
Wood, George W., Shaw, and Scott.
Shaw, Harold A., Fond du Lac, Wis. Pliers or wrench with automatic adjusting and locking means. 2,564,585, Aug. 14.
Shaw, Harold F., Leominster, Mass. Comb. 2,566,965, Sept. 4.
Shaw, Harold N., Erie, Pa. Electric heating element. 2,553,875, May 22.
Shaw, Hubert R., Drexel Hill, Pa., assignor to Radio Corporation of America. Oscillator. 2,573,284, Oct. 30.
Shaw Insulator Company, assignee: *See*—
Du Bois, John H., and Claessens.
Shaw, John, and C. W. Saunders, assignors of one-third to Hull Merchants Amalgamated Box Company Limited, Hull, England. Fastening device for boxes, crates, and the like. 2,556,113, June 5.
Shaw, John D., Totowa, and J. F. Kuzmick, Passaic, assignors, by mesne assignments, to Elastic Stop Nut Corporation of America, Union Township, N. J. Threaded fastening device. 2,549,939, Apr. 24.
Shaw, John E. B., Chicago, Ill. Blood transfusion filter unit. 2,558,987, July 3.
Shaw, John H., Richmond Heights, Mo. Dispenser for the contents of collapsible tubes. 2,554,217, May 22.
Shaw, Julian C., assignor to The American Laundry Machinery Company, Cincinnati, Ohio. Vacuum holding device for garment steaming apparatus. 2,562,956, Aug. 7.
Shaw, Louis E., Newark, N. J. Variable-speed transmission chain. 2,550,431, Apr. 24.
Shaw, Mel J., assignor to The American Pad & Textile Company, Greenfield, Ohio. Life preserver jacket. 2,563,966, Aug. 14.
Shaw, Norman H., Stafford, assignor to The English Electric Company Limited, London, England. Control system for dynamoelectric machines. 2,542,843, Feb. 20.
Shaw, Ralph M., Jr., Edgewater Park, N. J., assignor to Pedrick Tool & Machine Company, Philadelphia, Pa. Food preserving and cooking device. 2,572,826, Oct. 30.
Shaw-Randall Company, Inc., assignee: *See*—
Shaw, Charles K., Jr.

Shaw, Richard, Jr., Bergenfield, assignor to Bendix Aviation Corporation, Teterboro, N. J. Air speed indicator. 2,537,240, Jan. 9.
Shaw, Richard W., Dayton, Ohio. Deep smooth surface finishing process. 2,577,818, Dec. 11.
Shaw, Robert J., Fulton, N. Y., assignor to General Electric Company. Cathode-ray tube mounting means. 2,565,327, Aug. 21.
Shaw, Robert P., Pelham Manor, N. Y. Room illuminator. 2,572,957, Oct. 30.
Shaw, Robert W., Albany, N. Y. Clothesline pulley. 2,557,572, June 19.
Shaw, Roy A., San Bernardino, Calif. Toggle controlled door operating mechanism for dispensing cabinets. 2,550,872, May 1.
Shaw, Roy A., San Bernardino, Calif. Material distributor. 2,561,145, July 17.
Shaw, Valdie C., Nederland, Tex. Adjustable miter gauge. 2,562,746, July 31.
Shaw, Vincent L., Evanston, Ill. Drink mixer. 2,536,959, Jan. 2.
Shaw-Walker Company, assignee: *See*—
Page, John H.
Wikman, Carl W.
Shaw, Walter H., assignor of 2 percent to H. L. McKellops, Miami, and 98 percent to H. B. Shapiro, Miami Beach, Fla. Feedback neutralization means for telephone systems. 2,575,844, Nov. 20.
Shaw, Willard C.: *See*—
Quear, Eugene C., Shaw, and Edwards.
Shawbrook, Henry, assignor to Dowty Equipment Limited, Cheltenham, England. Liquid spring resilient unit. 2,563,194, Aug. 7.
Shawbrook, Henry, New York, N. Y., and A. E. Bingham, assignors to Dowty Equipment Limited, Cheltenham, England. Resilient telescopic device. 2,560,005, July 10.
Shawhan, Elbert N., Morton, assignor to Sun Oil Company, Philadelphia, Pa. Selective circuits. 2,559,173, July 3.
Shawinigan Chemicals Limited, assignee: *See*—
Cave, William T., and Haddeland.
Gibbs, John H., Andersen, and Abbott.
Shawinigan Products Corp., assignee: *See*—
Metz, George F.
Morrison, George O.
Shawinigan Resins Corporation, assignee: *See*—
Boyce, Charles L.
Cairns, Robert E.
Crozier, Robert N., Lavin, and Marinaro.
Rudoff, Hyman.
Wilson, Wilfred K.
Shawinigan Water and Power Company, assignee: *See*—
McLaren, Robert S. I.
Shawver, Ernest F., Houston, Tex. Calibrated traveling band radio indicator or dial. 2,570,602, Oct. 9.
Shea, Frederick L., Jr., Chicago, and L. H. Juel, Morton Grove, Ill., assignors to Great Lakes Carbon Corporation, New York, N. Y. Manufacture of carbon electrodes. 2,563,285, Aug. 7.
Shea, James B., assignor of one-half to John B. Sproul, Dover, Ohio. Tire pressure indicating system. 2,554,594, May 29.
Shea, James B., and H. L. Mizer, Dover, Ohio. Support and hanger for eaves trough and gutters. 2,536,704, Jan. 2.
Shea, John P., Oakland, Calif. Necktie accessory. 2,565,149, Aug. 21.
Shea, Richard F., Syracuse, N. Y., assignor to General Electric Company. Transistor multivibrator circuit. 2,569,345, Sept. 25.
Shea, Richard F., and V. C. Barnett, San Diego, Calif. Erasing device. 2,551,469, May 1.
Shea, William T., Jr., Bellflower, Calif. Cable-sealing fitting. 2,542,583, Feb. 20.
Sheadel, John M., Barberton, assignor to The Ohio Brass Company, Mansfield, Ohio. Shielding device for transmission lines. 2,539,641, Jan. 30.
Sheaffer, Charles F., Oklahoma City, Okla. Frequency selective circuits. 2,557,239, June 19.
Sheaffer, W. A., Pen Company, assignee: *See*—
Mansheim, Richard J.
Martin, Lynn P.
Sheagren, Eric: *See*—
Wilson, Charles R., and Sheagren.
Sheahan, Robert E., Bridgeport, Conn., assignor to General Electric Company. Control lever arrangement for clothes-washing machines. 2,537,795, Jan. 9.
Shearer, Andrew D.: *See*—
Jaggi, Lewis F., and Shearer.
Shearer, Arthur C., Lexington, Ky. Nail puller. 2,556,343, June 12.
Shearer, Newton H., Jr.: *See*—
Dickey, Joseph B., Coover, and Shearer.
Shearer, Ross, Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Testing apparatus for indicating and recording elongation. 2,560,135, July 10.
Shearman, Russell M., North Hollywood, Calif. Artificial snow machine. 2,571,069, Oct. 9.
Shears, Stuart T., Arlington, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Spring fastening device. 2,560,486, July 10.
Shechmeister, Isaac L., U. S. Navy, Berkeley, Calif. Rendering a fabric germicidal. 2,544,732, Mar. 13.
Shechter, Leon, East Orange, and A. S. Burhans, Montclair, N. J., assignors, by mesne assignments, to Union Carbide and Carbon Corporation. Mixed esters. 2,551,767, May 8.
Shechter, Leon, East Orange, N. J., assignor, by mesne assignments, to Union Carbide and Carbon Corporation, Acylation with conjugated diene acids. 2,552,872, May 15.
Shedd-Bartush Foods, Incorporated, assignee: *See*—
Conser, Hugh F.
Shedlovsky, Theodore, New York, N. Y., assignor to the United States of America as represented by the Secretary of the Navy. Thermocouple thermometer. 2,559,571, July 3.
Sheean, Jack F., Bloomington, Ill. Filing cabinet equipment for machine shops. 2,565,784, Aug. 28.
Sheehan, Thomas H., Jr., Detroit, Mich. Control for double doors. 2,576,703, Nov. 27.
Sheehan, William M., Philadelphia, Pa., assignor to General Steel Castings Corporation, Granite City, Ill. Railway locomotive driving truck. 2,558,988, July 3.
Sheeley, William F., Toulon, Ill. Flexible rotary-hammer unit. 2,573,227, Oct. 30.
Sheen, E. Elizabeth, executrix: *See*—
Sheen, Milton R.
Sheen, Herbert A., Los Angeles, Calif. Diaphragm type pessary. 2,580,133, Dec. 25.
Sheen, Milton R., deceased, Glenside, Pa.; E. E. Sheen, and I. A. Pennypacker, executors. Valve mechanism for pumps. 2,554,481, May 22.
Sheets, Chester, assignee: *See*—
Jensen, Nels T.
Sheets, Ray H.: *See*—
Jackes, Stanley F., and Sheets.
Sheffer, Andrew D., Brighton, Mich. Folding leg bracket hinge. 2,558,915, July 3.
Sheffield Corporation, The, assignee: *See*—
Adkins, Earl C.
Aller, Willis F.
Blesi, Walter.
Chaney, Richard.
Polk, Albert F., and Straw.
Rosser, William F.
Sheffield, Eugene S., Jr.: *See*—
Bainbridge, Marvin, Tuttle, Baldwin, and Sheffield.
Sheffield Steel Corporation, assignee: *See*—
Bradbury, William E.
McFarland, Frank R.
Sheiber, Solomon, Malden, Mass. Drapery-supporting fixture. 2,539,795, Jan. 30.
Shekels, Howard D., St. Paul, Minn. Field of vision plotting device. 2,564,794, Aug. 21.
Shekels, Howard D., St. Paul, Minn., assignor to Radio Corporation of America. Limited-area cathode. 2,570,165, Oct. 2.
Shelby Salesbook Company, The, assignee: *See*—
Critchfield, Walter O., and Kehoe.
Sheldon, Angie M.: *See*—
Armstrong, J. B., and Sheldon.
Sheldon, Edward E., New York, N. Y. Image intensifying tube. 2,555,423, June 5.
Sheldon, Edward E., New York, N. Y. Apparatus for fluoroscopy and radiography. 2,555,424, June 5.
Sheldon, William M., Elizabeth, assignor to Pulverizing Machinery Company, Summit, N. J. Combined hammer mill crushing and oversize particle separating apparatus. 2,552,596, May 15.
Sheldrick Manufacturing Company, assignee: *See*—
Gooding, Harold B.
Sheleski, Joseph: *See*—
Van Zelm, Willem D., and Sheleski.
Shell Development Company, assignee: *See*—
Abell, Francis M.
Adelson, David E.
Adelson, David E., and Gray.
Airs, Raymond S., and Garner.
Anderson, Henry W., Samson, and Clark.
Appleby, Walter G., and Sartor.
Arabian, Karekin G.
Arabian, Karekin G., and Schaerer.
Asscher, William B. B.
Ballard, Seaver A., Furman, and Finch.
Ballard, Seaver A., and Haury.
Ballard, Seaver A., and Whetstone.
Barnett, Benjamin.
Barnum, Emmett R
Bell, Edward R., Rust, and Vaughan.
Bennett, Clarence S., and Bailey.
Bent, Franklin A.
Bergstrom, Roland F., and Plantfebar.
Boissonou, Clifford J., and Yates.
Bondi, Arnold A.
Bradley, Theodore F.
Caron, John B. R., Glendenning, and Wies.
Caron, John B. R., Wies, and Glendenning.
Calhoun, George H., and Allen.
Cheney, Harry A.
Clayton, Max L.
Cole, Dale R.
Cole, Robert M.
Condo, Fred E., and Naps.
Crake, Wilfred S.
Dannenberg, Hans.

Shell Development Company, assignee: *See*—Continued.
Dannenberg, Hans, and Adelson.
Dannenberg, Hans, and Bradley.
Davey, William.
David, Werner.
Davidson, Donald D.,
Davies, Raymond G., and Noad.
Davis, Ellis E., and Booth.
Davis, Orris L., Knight, and Skinner.
Deahl, Thomas J., Stross, and Taylor.
De Benedictis, Aldo, Ballard, and Hearne.
De Jong, Henry W.
Deming, Philip H., and Sagenkahn.
De Nie, Willem L. J.
De Nie, Willem L. J., and de Nooijer.
De Nie, Willem L. J., and Voorthuis.
Derr, Elwood L., and Illman.
Devlin, Paul A., Whetstone, and Shokal.
Eltenton, George C.
Endersby, Victor A.
Engel, Willem F.
Engel, Willem F., and Hoog.
Evans, Theodore W., and Morris.
Fay, Charles H.
Fay, Charles H., and Goodell.
Feild, Alexander S.
Fetterly, Lloyd C.
Finch, Harry D., and Ballard.
Finch, Harry de V., and Peterson.
Fountain, Eugene B., and Sharp.
Gates, John I., and Wallis.
Garner, Philip J., and Bowman.
Garrison, Albert H., and Rolfson.
Goppel, Johan M., Rumscheidt, and Hackmann.
Gray, James E., and Davenport.
Hackmann, Johannes T.
Hannibal, Lester S., and Turner.
Harden, Gail D., and Curry.
Harman, Denham, and Perry.
Harman, Denham, and Thorpe.
Harman, Denham, Thorpe, and Talley.
Harman, Denham, and Vaughan.
Hearne, George W., Evans, and Buls.
Henkes, Rudolf A.
Hermont, Alfred J., and Toups.
Hinds, George P., Jr., Meerbott, and Reno.
Hinze, Julius O., and Stillebroer.
Hiron, Francis P., and Garner.
Houtman, Johannes P. W., Engel, Hoog, and van't Spijker.
Hudig, Joost.
Jense, Willim F.
Johnson, Ava J., and Cherniavsky.
Jones, Robert C., and Clark.
Joyce, John R.
Kemmerer, Harold R.
Kolvoort, Egbert C. H.
Kooijman, Eduard C., and Overhoff.
Kooyman, Eduard C.
Lacomble, Antoine E.
Lacomblé, Antoine E., Harman, and Vaughan.
Larsen, Robert G., and Marple.
Larsen, Robert G., and Schaerer.
Lewis, Donald H., Hall, and Green.
Liedholm, George E.
Liedholm, George E., and Harlan.
Limburg, Jozef.
Long, Marion V.
Lubbock, Isaac.
Lubbock, Isaac, and Tipler.
Luten, Daniel B., Jr., Blackburn, McMillan.
Manes, Oscar B.
Marple, Kenneth E., and Shokal.
Maycock, Russell L., and Dunn.
McKinney, Howard E.
McMillan, Frank M., and Adelson.
Melrose, Richard E.
Melstrom, Donald S., and Holm.
Merburg, Piet.
Meyer, Rudolf H. M., and Dijkstra.
Milligan, William B.
Mitchell, Reginal G., Hunn, Green, and Ghijsen.
Moore, Robert J.
Moore, Robert J., and O'Donnell.
Morris, Rupert C., Buls, and Ballard.
Morris, Rupert C., and Snider.
Morris, Rupert C., Snider, and Horowitz.
Morris, Rupert C., and Van Winkle.
Morris, Rupert C., Van Winkle, and Snider.
Mudd, Ora C.
Naps, Marguerite, and Condo.
Naps, Marguerite, and Sommer.
Nelson, Charles R., Taylor, Davidson, and Peters.
Newey, Herbert A., and Shokal.
Nijboer, Lambert W.
Nixon, Ivor G.
Peery, Norman E., Cleveland, and Hatton.
Peterson, Walter H.
Pezzaglia, Philip.
Pierotti, Gino J., French, and Souders.
Pierotti, Gino J., Handlos and Reider.
Plank, Norris.
Raley, John H., and Seubold.

Shell Development Company, assignee: *See*—Continued.
Reamer, Thomas E.
Reider, Charles M., and Pierotti.
Reiley, Earle W., Jr., and Duke.
Richards, Leonard J., and Williams.
Rigby, Richard.
Ross, William E., and Fountain.
Rumscheidt, Gottfried E.
Rumscheidt, Gottfried E., and Hackmann.
Rust, Frederick F., Stiles, and Vaughan.
Ryland, Lloyd B.
Sagenkahn, Malcolm L.
Sarjeant, Ralph L.
Scheibli, James R., Morris, and Shokal.
Schiermeier, Knapel F., and Poitz.
Shokal, E. C., and Mueller.
Smith, Curtis W.
Smith, Curtis W., and Ballard.
Smith, Curtis W., and Norton.
Smith, Grafton A.
Smithuysen, Wilhelm C. B., and Eerbeek.
Souders, Mott, Jr.
Straatman, Alphons G. H.
Stross, Fred H.
Taylor, Marion D.
Te Nuyl, Johannus A.
Van der Waarden, Mathijs.
Van Dijk, Christiaan P., and Voorthuis.
Vaughan, William E., and Rust.
Verschoor, Herman.
Vlugter, Johannes C., Keulemans, and 't Hart.
Von Fuchs, George H.
Voorthuis, Heino T.
Wachter, Aaron, and Stillman.
Wagers, John K., and Shokal.
Walters, Ernest L.
Waters, George W.
Watson, Forrest J.
Whetstone, Richard R.
Whetstone, Richard R., and Evans.
Whetstone, Richard R., Raab, and Ballard.
Whetstone, Richard R., Smith, and Norton.
Whitehill, Lynwood N., and Shokal.
Wies, Calmy, Caron, and Glendenning.
Yates, Wallace J., Folckemer, and Simanton.

Sheller Manufacturing Company, assignee: *See*—
McFarland, Joseph H.

Shelley, Thomas H., Spotswood, N. J., assignor to The B. F. Goodrich Company, New York, N. Y. Stabilization of vinyl resin compositions. 2,574,987, Nov. 13.

Shellman, Charles O., San Diego, Calif. Lifting attachment for glass table tops. 2,571,626, Oct. 16.

Shellmar Products Corporation, assignee: *See*—
Burger, Martin.
Carkhuff, Le Roy F.
Cox, John W.
De Swart, Jan.
De Sylva, Oscar J.
Fahey, Edward W.
Kearns, Henry.
Lennon, James W.
Piazze, Thomas E.
Piazze, Thomas E., and Martin.
Southwick, Charles A., Jr.

Shelton, Francis K.: *See*—
Churchward, Ruth E., and Shelton.

Shelton, Harry J., University City, Mo. Jaw crusher. 2,566,583, Sept. 4.

Shelton, Harry J., Jr., Ladue, assignor to Gruendler Crusher and Pulverizer Co., St. Louis, Mo. Grinding machine. 2,577,716, Dec. 4.

Shelton, James L., Wauchula, Fla. Spring suspension for automobiles. 2,564,509, Aug. 14.

Shelton, Robert S., Mariemont, J. L. Farmer, Cincinnati, and C. H. Tilford, Silverton, assignors to The Wm. S. Merrell Company, Cincinnati, Ohio. N-[2-methoxy-3-(1,2 - dicarboxyethylthiomercuri) - propyl]-phthalamide. 2,557,772, June 19.

Shelton, Robert S., Mariemont, and C. H. Tilford, Silverton, assignors to The Wm. S. Merrell Company, Cincinnati, Ohio. Beta-tertiary aminoethanol ethers of diaryl pyridyl carbinols. 2,566,376, Sept. 4.

Shelton, Robert S., Mariemont, and M. G. Van Campen, Jr., Wyoming, assignors to The Wm. S. Merrell Company, Cincinnati, Ohio. Tris-phenyl ethylene compounds. 2,571,954, Oct. 16.

Shelton, William T.: *See*—
Klopp, James W., and Shelton.

Shelverton, Fred, Pequannock, N. J. Water cycle. 2,544,240, Mar. 6.

Shemet, Alexander, assignee: *See*—
Bristol, Raymond M.

Shenandoah Equipment Company, Incorporated, assignee: *See*—
Butler, Henry R., and R. R.

Shenk, Eugene R., Brooklyn, N. Y., assignor to Radio Corporation of America. Electronic distributor. 2,543,874, Mar. 6.

Shenk, Eugene R., and A. E. Canfora, Brooklyn, N. Y., assignors to Radio Corporation of America. Signal receiving system. 2,537,163, Jan. 9.

Shenk, Eugene R., Fair Lawn, N. J., assignor to Radio Corporation of America. Translating circuit. 2,564,769, Aug. 21.

Shenk, Eugene R., Brooklyn, and T. J. Merson, Hollis, N. Y., assignors to Radio Corporation of America. Electron trigger circuits. 2,540,551, Feb. 6.
Shenk, Eugene R., and A. E. Canfora, Brooklyn, N. Y., assignors to Radio Corporation of America. Integrating counter circuit. 2,549,022, Apr. 17.
Shenk, Frank J., New Orleans, La. Dry cell container and lamp holding clip combined. 2,541,941, Feb. 13.
Shenk, Robert H., assignor to J. A. Zurn Manufacturing Company, Erie, Pa. Separator. 2,576,645, Nov. 27.
Shenk, Wilbur J., Jr., and G. R. Pellon, assignors to The Harshaw Chemical Company, Cleveland, Ohio. Manufacture of aromatic diazonium fluorides and corresponding aromatic fluorides. 2,563,796, Aug. 7.
Shenton, John C.: *See*—
Debenham, William R., and Shenton.
Shepard, Arthur P., Flushing, assignor to Metallizing Engineering Co. Inc., Long Island City, N. Y. Gun construction for blast gas spraying heat fusible materials. 2,539,487, Jan. 30.
Shepard, Emerson P., Chillicothe, Ohio. Film position indicator for motion-picture cameras. 2,573,994, Nov. 6.
Shepard, Ernest L., Fairfield, assignor, by mesne assignments, to The Canal National Bank of Portland and W. B. Nulty, Portland, Maine, trustees. Packing for fragile articles. 2,564,729, Aug. 21.
Shepard, Ernest L., Fairfield, assignor by mesne assignments, to The Canal National Bark of Portland, and W. B. Nulty, Portland, Maine, as trustees. Material for packing tubes and the like. 2,568,769, Sept. 25.
Shepard, Ernest L., Fairfield, assignor, by mesne assignments, to The Canal National Bank of Portland, and W. B. Nulty, trustees, Portland, Maine. Article pack. 2,575,192, Nov. 13.
Shepard, Francis H., Jr., Madison, N. J. Apparatus for controlling rectified voltage. 2,569,698, Oct. 2.
Shepard, Frank B., Texon, Tex. Fluid filtering apparatus. 2,548,400, Apr. 10.
Shepard, Herman B., Wilkes-Barre, Pa. Memorandum sheet holder. 2,550,385, Apr. 24.
Shepard, Herman B., Wilkes-Barre, Pa. Memorandum device. 2,550,386, Apr. 24.
Shepard, Josiah, Chevy Chase, Md. Holding rack for elongated articles. 2,579,519, Dec. 25.
Shepard, Niles Crane & Hoist Corporation, assignee: *See*—
Thompson, William S.
Shepard, William W., Cincinnati, Ohio, assignor to Standard Oil Development Company. Lubricating grease composition. 2,553,423, May 15.
Shepardson, Donald W.: *See*—
Matner, Vincent E., Newell, and Shepardson.
Sheperdson, John W., and J. M. O'Malley, assignors to Morgan Construction Company, Worcester, Mass. Vertical rolling mill. 2,540,552, Feb. 6.
Shepherd, Allan D.: *See*—
Graham, Robert P., and Shepherd.
Maclay, William D., Shepherd, McCready, and Graham.
Shepherd Brothers Spread Company: *See*—
Montgomery, Julius.
Shepherd Brothers Spread Company, assignee: *See*—
Montgomery, Julius.
Shepherd, David M.: *See*—
Watters, Andrew J., and Shepherd.
Shepherd, George F., Brighton, Victoria, Australia. Caster. 2,539,108, Jan. 23.
Shepherd, Joseph H., St. Louis, Mo. Reversible book. 2,544,568, Mar. 6.
Shepherd, Philip: *See*—
Beeson, Eric J. G., and Shepherd.
Shepherd, William G.: *See*—
Pierce, John R., and Shepherd.
Shepherd, William G., St. Paul, Minn., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Secondary emission amplifier. 2,547,142, Apr. 3.
Shepherd, William G., St. Paul, Minn., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Reflex oscillator. 2,566,584, Sept. 4.
Shepherd-Smith, Stephen, Beaconsfield, assignor to Austin Hoy & Company Limited, Aylesbury, England. Coal-cutter chain. 2,569,584, Oct. 2.
Sheppard, Lee C., Brooklyn, N. Y. String bean preparing utensil. 2,536,230, Jan. 2.
Sheppard, Richard H., assignee: *See*—
Swam, Roland E. S.
Sheppler, Leo C., assignee: *See*—
Ditmanson, Henry A.
Sherbloom, Thomas F., Hollywood, Calif. Making ice mold figures. 2,545,592, Mar. 20.
Sherbondy, William A., Shaker Heights, Ohio. Dispensing device for calking material and the like. 2,561,825, July 24.
Sherbondy, William A., Shaker Heights, Ohio. Dispensing device for calking material and the like. 2,572,206, Oct. 23.
Sherborne, John E., Whittier, assignor to Union Oil Company of California, Los Angeles, Calif. Rotary drilling fluids. 2,551,768, May 8.
Sherborne, John E., Whittier, assignor to Union Oil Company of California, Los Angeles, Calif. Method and apparatus for borehole logging. 2,564,861, Aug. 21.
Sherbrook, Victor A., East Millbury, assignor to Milford Shoe Co., Milford, Mass. Making insoles channeled only in the shank region. 2,571,299, Oct. 16.
Sherbrooke, Walter A., Great Kills, assignor to Piping Specialties, Inc., New York, N. Y. Conduit and retaining means. 2,561,540, July 24.
Sherburne, Philip C.: *See*—
Howarth, Edmund, and Sherburne.
Sherertz, Paul C., Washington, D. C. Pulse generator. 2,567,239, Sept. 11.
Sheridan, Charles B., assignor of one-half to J. H. Stiffler, Rochester, N. Y. Arch support. 2,559,262, July 3.
Sheridan, Claude M., New Kensington, and T. A. Pruger, Creighton, assignors to Allegheny Ludlum Steel Corporation, Brackenridge, Pa. Alloy for use as a pot or container for molten light metals. 2,546,525, Mar. 27.
Sheridan, Edward A., Pawtucket, R. I., assignor to Vesta Underwear Company. Infant's garment. 2,538,596, Jan. 16.
Sheridan, Edward G., Worthington, Ohio. Convertible straight and step ladder. 2,551,173, May 1.
Sheridan, Esther L., New York, N. Y. Liquid containing toy rattle. 2,549,392, Apr. 17.
Sheridan, John T., Columbia, Ill. Drawing instrument. 2,545,112, Mar. 13.
Sheriff-Goslin Co., assignee: *See*—
Goslin, Herbert G.
Sherk, Daniel L.: *See*—
Martin, Mervin E., and Sherk.
Sherland, Mark E., Sr., McGehee, Ark. Retractable and folding toothbrush. 2,579,343, Dec. 18.
Sherlock, Edward J.: *See*—
Malmstrom, Walter K., and Sherlock.
Sherman, Albert, New York, N. Y. **Cigarette case.** 2,558,586, June 26.
Sherman, Alvin G., Grosse Pointe Park, Mich., assignor to Globe American Corporation, Kokomo, Ind. Oven door construction for cooking stoves. 2,541,942, Feb. 13.
Sherman, Carroll J., assignor to The Sherman-Guffey Corporation, Indianapolis, Ind. Cooking vessel control unit. 2,543,646, Feb. 27.
Sherman, Dale W., Columbus, Ohio. Cargo-retaining attachment for hand-operated freight trucks. 2,569,118, Sept. 25.
Sherman, David L., trustee, assignee: *See*—
Faber, William F.
Sherman, Floyd A., Cleveland, Ohio, assignor to Whizzer Motor Company, Pontiac, Mich. Alternating-current generator. 2,549,135, Apr. 17.
Sherman, George B., and H. M. Clark, Detroit, Mich., assignors, by mesne assignments, to Sherman Industries, Inc. Endless tread drive for tractors. 2,541,943, Feb. 13.
Sherman-Guffey Corporation, The, assignee: *See*—
Sherman, Carroll J.
Sherman, Harry, Brooklyn, N. Y. Telephone pad attachment. 2,567,449, Sept. 11.
Sherman Industries, Inc., assignee: *See*—
Sherman, George B., and Clark.
Sherman, Jack, Brooklyn, N. Y. Umbrella cover. 2,551,297, May 1.
Sherman, Joseph E.: *See*—
Jensen, Lloyd B., and Sherman.
Sherman, Ralph W., Montclair, N. J. Composite stencil and folder. 2,576,972, Dec. 4.
Sherman, Robert, New York, N. Y. Metallic thermoplastic material. 2,543,536, Feb. 27.
Sherman, Sidney H., Chicago, Ill. Instrument holder. 2,559,739, July 10.
Sherman, Thomas L., assignor to The Steel Products Engineering Company, Springfield, Ohio. Crankless mechanism. 2,548,686, Apr. 10.
Sherman, Thomas L., assignor to The Steel Products Engineering Company, Springfield, Ohio. Power gas generator, including crankless engine. 2,565,272, Aug. 21.
Sherman, Wilbur G., assignor to Accurate Tool and Engineering Company, San Diego, Calif. Metal spray gun. 2,539,612, Jan. 30.
Sherman, Wilbur G., San Diego, Calif. Magnetic door lock. 2,565,891, Aug. 28.
Sherman, Wilbur G., H. Wright, and C. J. Davidson, assignors to Accurate Tool and Engineering Company, San Diego, Calif. Concrete block molding machine. 2,542,584, Feb. 20.
Sherr, Carl M.: *See*—
Stein, Harold M., and Sherr.
Sherr, Sava I., assignor to S. Briskman, New York, N. Y. Work holder for pinking shears. 2,537,164, Jan. 9.
Sherrick, Robert L., Akron, Ohio. Apparatus to expand and mount solid resilient tires on channelled wheels or rims. 2,574,195, Nov. 6.
Sherrill, James W.: *See*—
Alexander, Leon G., and Sherrill.
Sherrill, James W., Belmont, and L. G. Alexander, Steel Creek, assignors to Wix Accessories Corporation, Gastonia, N. C. Flashlight oil tester. 2,561,074, July 17.
Sherritt Gordon Mines Limited, assignee: *See*—
Forward, Frank A.
Sherry, Louise A., New York, N. Y. Liquid container with extensible spout. 2,559,202, July 3.
Sherry, Walter J., Orange, Calif. Window construction. 2,579,099, Dec. 18.

Sherwin, Chalmers W.: *See*—
Haworth, Leland J., and Sherwin.
Sherwin, Chalmers W., Belmont, Mass., assignor, by mesne assignments, to the United States of America as represented by the Secretary of the Navy. Cathode-ray tube sweep circuit. 2,563,967, Aug. 14.
Sherwin, Chalmers W., Belmont, Mass., assignor, by mesne assignments, to the United States of America as represented by the Secretary of the Navy. Voltage clamping circuit. 2,578,268, Dec. 11.
Sherwin, Douglas S., Bartlesville, Okla., assignor to Phillips Petroleum Company. Foam prevention in extractive distillation of hydrocarbons. 2,558,587, June 26.
Sherwin, Douglas S., Borger, Tex., assignor to Phillips Petroleum Company. Distillation of styrene from polymers. 2,555,939, June 5.
Sherwin-Williams Company, The, assignee: *See*—
Armitage, Frank, Cottrell, and Hewitt.
Coffey, Charles A., and Lukas.
Grummitt, Oliver J.
Hammond, Wallace T. C.
Hunn, James V.
Hunn, James V., and Weeks.
Kohr, Donald A., Jr., and Milde.
Kuhn, Joseph M.
Olsen, Charles H.
Saunders, Harold F.
Smith, Richard G.
Spitzer, William C., and Ryan.
Wakeford, Leslie E., and Hewitt.
Walton, William T.
Ward, Raymond R., and Waters.
Weaver, Joe C., Jr., and Farkas.
Sherwood, Adrienne M., assignee: *See*—
Sherwood, Henry A.
Sherwood, Charles: *See*—
Shaw, Duncan, Sherwood, and Cahill.
Sherwood, Glenn L., Benton Harbor, Mich. Structure for removably supporting slats in a Venetian blind. 2,536,472, Jan. 2.
Sherwood, Glenn L., Benton Harbor, Mich. Venetian blind. 2,555,709, June 5.
Sherwood, Henry A., New York, assignor to A. M. Sherwood, Tarrytown, N. Y. Multipurpose internal-combustion engine. 2,536,960, Jan. 2.
Sherwood, John H.: *See*—
Bullard, Robinson D., Sherwood, and Geist.
Sherwood, Joseph W., Sapulpa, Okla. Clamping device. 2,548,401, Apr. 10.
Sherwood, Lester L., Banning, Calif. Card or license receiving envelope and tab. 2,542,214, Feb. 20.
Sherwood, Raymond E., Twin Falls, Idaho. Earth-moving machine. 2,546,907, Mar. 27.
Sherwood, Robert C., West Hollywood, and B. D. Mouron, San Marino, Calif. Lock nut. 2,554,448, May 22.
Sherwood, Robert M.: *See*—
Urick, Robert J., and Sherwood.
Sherwood, Thomas K., Wellesley Hills, Mass., assignor to Servel, Inc., New York, N. Y. Air conditioning. 2,557,573, June 19.
Sherwood, Walter N., Eagle Bridge, N. Y. Pulp beater. 2,546,376, Mar. 27.
Shewell, Charles T., Baytown, Tex., assignor, by mesne assignments, to Standard Oil Development Company, Elizabeth, N. J. Apparatus for analysis by mass spectrometry. 2,566,037, Aug. 28.
Shickel, James B., Baldwinsville, N. Y., assignor to Radio Corporation of America. Device for separating the magnetic transducer and record member during rewind. 2,560,254, July 10.
Shidler, Virgil C., Glendale, Calif. Thermostatic switch. 2,538,387, Jan. 16.
Shieberl, George, assignor to Trico Products Corporation, Buffalo, N. Y. Windshield wiper arm. 2,564,819, Aug. 21.
Shields, Albert F., Forest Hills, assignor to S & S Corrugated Paper Machinery Co., Inc., Brooklyn, N. Y. Carton taping machine with steam moistener for the tape. 2,546,873, Mar. 27.
Shields, Albert F., Forest Hills, N. Y., assignor to Sier-Bath Gear & Pump Co., Inc., North Bergen, N. J. Brake slack adjuster. 2,554,064, May 22.
Shields, Albert F., Forest Hills, N. Y., assignor to Sier-Bath Gear & Pump Co., Inc., North Bergen, N. J. Pneumatically actuated brake slack adjuster. 2,554,065, May 22.
Shields, Albert F., Forest Hills, assignor to S & S Corrugated Paper Machinery Co., Inc., Brooklyn, N. Y. Corrugating roll lubricator. 2,557,011, June 12.
Shields, Albert F., Forest Hills, assignor to S & S Corrugated Paper Machinery Co., Inc., Brooklyn, N. Y. Removable blank feeding slat. 2,571,955, Oct. 16.
Shields, Darvin D., and E. E. Jeffcoat, Aransas Pass, Tex. Aligned rotary elements with overload release. 2,555,061, May 29.
Shields, Ed L., Oberlin, Kans. Rod weeder. 2,539,037, Jan. 23.
Shields, James C.: *See*—
Waller, Fred, and Shields.
Shields, John B.: *See*—
Sharp, Paul F., and Shields.
Shields, Marion E.: *See*—
Marberg, Carl M., and Shields.
Shields, Robert A., Bloomsburg, Pa., assignor to American Car and Foundry Company, New York, N. Y. Safety valve interlock. 2,538,335, Jan. 16.
Shields, Robert A., Bloomsburg, Pa., assignor to American Car and Foundry Company, New York, N. Y. Railway car corner construction. 2,555,296, May 29.
Shields, Robert A., Bloomsburg, Pa., assignor to American Car and Foundry Company, New York, N. Y. Drop bottom mine car. 2,558,710, June 26.
Shields, Robert A., Bloomsburg, Pa., assignor to American Car and Foundry Company, New York, N. Y. Sleeping car. 2,564,730, Aug. 21.
Shields, Robert A., Bloomsburg, Pa., assignor to American Car and Foundry Company, New York, N. Y. Sleeping car. 2,564,731, Aug. 21.
Shields, Robert A., Bloomsburg, Pa., assignor to American Car and Foundry Company, New York, N. Y. Sleeping car. 2,564,732, Aug. 21.
Shields, Robert A., and R. C. Kepner, Bloomsburg, Pa., assignors to American Car and Foundry Company, New York, N. Y. Drop bottom mine car. 2,542,437, Feb. 20.
Shields, William R., Birmingham, and E. R. Marks, Centerline, Mich. Brake lining applying mechanism. 2,541,672, Feb. 13.
Shiepe, Edward M., Brooklyn, N. Y. Inductance and self-capacitance measuring device. 2,577,592, Dec. 4.
Shifrin, Albert, Baltimore, Md. Upholstering machine. 2,554,961, May 29.
Shigaki, Neil K., Honolulu, Hawaii. Fish net. 2,557,240, June 19.
Shilling, Arthur H.: *See*—
Pannell, William M., and Shilling.
Shimizu, Esau, San Jose, Calif. Film developer reel and loader therefor. 2,548,323, Apr. 10.
Shimp, Hans G., Moylan, Pa., assignor to Houdry Process Corporation, Wilmington, Del. Catalytic cracking of hydrocarbons utilizing a moving catalyst bed. 2,550,727, May 1.
Shinkle, Seaphes D.: *See*—
Ladd, Elbert C., and Shinkle.
Shinneman, Gerald W., assignor to J. T. Stahl, Detroit, Mich. Paint container holding device. 2,564,411, Aug. 14.
Shinoda, Daniel S., Hayward, assignor to San Lorenzo Nursery Company, Los Angeles, Calif. Container for cut flowers. 2,549,023, Apr. 17.
Shipley, Tolbott G., St. Louis, Mo., assignor to American Car and Foundry Company, New York, N. Y. Welding jig for car underframes. 2,553,947, May 22.
Shipman, Johnson: *See*—
Hazard, Charles S., and Shipman.
Shipman, Raldo E., and L. H. Lantz, Sunbury, Pa. Portable hoist. 2,551,174, May 1.
Shipp, Douglas G.: *See*—
Peter, Leslie H., and Shipp.
Shipps, Paul R., Zanesville, Ohio. Ruler for measuring time or flight or distance on charts. 2,554,449, May 22.
Shipway, Roger P.: *See*—
Plaistowe, Donald L., and Shipway.
Shire, William A., Whiting, Ind., assignor to Standard Oil Company, Chicago, Ill. Fractionating apparatus. 2,575,193, Nov. 13.
Shireman, John I., Hershey, Pa. Air circulating apparatus. 2,575,894, Nov. 20.
Shirk, Charles H.: *See*—
Shirk, William C., Jacobsen, Shirk, and Jacobsen.
Shirk, John F., assignor to Perfect Circle Corporation, Hagerstown, Ind. Piston ring. 2,542,438, Feb. 20.
Shirk, John F., assignor to Perfect Circle Corporation, Hagerstown, Ind. Piston ring. 2,562,512, July 31.
Shirk, Robert M.: *See*—
Evans, James E., and Shirk.
Shirk, Walter B., assignor to Avco Manufacturing Corporation, Cincinnati, Ohio. Tone compensated volume control. 2,557,318, June 19.
Shirk, William C., J. A. Jacobsen, C. H. Shirk, and R. C. Jacobsen, Sioux Falls, S. Dak. Crankcase breather and oil filler pipe assembly. 2,575,400, Nov. 20.
Shirley, Daniel R., De Quincy, La. Keeper mechanism. 2,578,848, Dec. 18.
Shirley, Harry C., assignor to R. W. Williams, Oakland, Calif. Device to clean Venetian blind slats. 2,546,526, Mar. 27.
Shirley, Henry W., Childress, Tex. Bottle vending machine. 2,560,255, July 10.
Shirley, Paul S., Hamilton, Ohio, assignor, by mesne assignments, to Baldwin-Lima-Hamilton Corporation. Dual fuel engine. 2,555,818, June 5.
Shirley, Willie L., Northport, Ala. Musical instrument. 2,572,207, Oct. 23.
Shive, John N., Plainfield, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Photoresistive translating device. 2,560,606, July 17.
Shivell, Homer J. and P. J., Kingsport, Tenn. Loom picker. 2,549,394, Apr. 17.
Shivell, Philip J.: *See*—
Shivell, Homer J. and P. J.
Shivell, Philip J., Kingsport, Tenn. Making leather straps. 2,568,770, Sept. 25.
Shively, John J., New York, N. Y. Twin propeller marine motor propulsion and steering unit. 2,569,346, Sept. 25.

Shmidl, Albert J., Houston, Tex., assignor, by mesne assignments, to Standard Oil Development Company, Elizabeth, N. J. Recovery and purification of durene. 2,560,373, July 10.
Shmidl, Albert J., Houston, Tex., assignor, by mesne assignments, to Standard Oil Development Company, Elizabeth, N. J. Treatment of sour petroleum distillates. 2,560,374, July 10.
Shmidl, Albert J., Houston, Tex., assignor, by mesne assignments, to Standard Oil Development Company, Elizabeth, N. J. Fungicidal emulsion comprising a copper salt of an alkylated phenoxy acetic acid. 2,580,048, Dec. 25.
Shnitzler, Meyer J., Brookline, assignor to Gillette Safety Razor Company, Boston, Mass. Container and blade-handling device. 2,562,513, July 31.
Shoaf, Harry W., assignor to York Corporation, York, Pa. Flow proportioning device. 2,550,387, Apr. 24.
Shobe, Chester L., Great Bend, Kans. Pipe fitting tool. 2,540,553, Feb. 6.
Shockey, Glen, Chicago, Ill. Fish lure. 2,575,430, Nov. 20.
Shockey, John D., San Antonio, Tex. Cigarette ash stand. 2,573,776, Nov. 6.
Shockey, Newton E., Detroit, assignor to Van Dresser Specialty Corporation, Van Dyke, Mich. Spring liner assembly. 2,576,729, Nov. 27.
Shockley, Joseph B., Detroit, Mich. Snap gauge. 2,551,059, May 1.
Shockley, Joseph B., Detroit, Mich. Switch. 2,572,396, Oct. 23.
Shockley, William, Madison, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Acoustic transducer utilizing semiconductors. 2,553,491, May 15.
Shockley, William, Madison, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Circuit element utilizing semiconductive material. 2,569,347, Sept. 25.
Shoe Form Co., Inc., assignee: *See*—
Goodfellow, Isaac and De Witt.
Shoe Lace Company, assignee: *See*—
Copp, Melvin.
Shoemaker, Bernard H., Hammond, Ind., assignor to Standard Oil Company, Chicago, Ill. Dehazing hydrocarbon oils. 2,560,193, July 10.
Shoemaker, Clyde A., Lansing, Mich., assignor to Food Machinery and Chemical Corporation, San Jose, Calif. Overhead suspension for optical wheel aligners. 2,564,510, Aug. 14.
Shoemaker, Frank M., Pittsburgh, Pa. Electronic metal detector. 2,550,607, Apr. 24.
Shoemaker, Harry F., Tulsa, Okla. Tank cleaner. 2,570,603, Oct. 9.
Shoemaker, J. H., assignee: *See*—
Webster, Hugh G.
Shoemaker, Robert C., assignor to Hyster Company, Portland, Oreg. Tractor mounted crane mast and backstay system. 2,564,929, Aug. 21.
Shoener, Arthur C., Garrett, Ind. Clothes drying rack. 2,569,832, Oct. 2.
Shoffner, Willie M., Dayton, Ohio. Portable power unit. 2,538,276, Jan. 16.
Shoffner, Willie M., Dayton, Ohio. Cam actuator and lock. 2,543,205, Feb. 27.
Shoffner, Willie M., Dayton, Ohio. Extensible shaft. 2,567,127, Sept. 4.
Shoffner, Willie M., Dayton, Ohio. Portable power unit. 2,567,128, Sept. 4.
Shoffner, Willie M., Dayton, Ohio. Metal-cutting shears. 2,567,129, Sept. 4.
Shokal, Edward C.: *See*—
Devlin, Paul A., Whetstone, and Shokal.
Marple, Kenneth E., and Shokal.
Newey, Herbert A., and Shokal.
Scheibli, James R., Morris, and Shokal.
Wagers, John K., and Shokal.
Whitehill, Lynwood N., and Shokal.
Shokal, Edward C., Walnut Creek, and A. C. Mueller, Berkeley, assignors to Shell Development Company, Emeryville, Calif. Fluid compositions containing glycidyl polyethers. 2,548,447, Apr. 10.
Sholkin, Murray E., Newton, assignor to Beacon Products Corporation, Boston, Mass. Luminous display device. 2,548,126, Apr. 10.
Shonberg, Harold, assignor to Alpha Metals, Inc., Brooklyn, N. Y. Solder package. 2,557,574, June 19.
Shonk, Anna T., administratrix: *See*—
Watson, Oliver E.
Shonnard, Orlando D., Upper Montclair, assignor to Joseph Dixon Crucible Company, Jersey City, N. J. Graphite gun. 2,578,751, Dec. 18.
Shontz, Loran A., Jr.: *See*—
Andrews, Boley A., Shontz, and Johnson.
Shoobert, George W.: *See*—
Carington, Charles M., Shoobert, and Blight.
Shook, Celo K., Berea, Ohio. Automobile pen and chair for children. 2,546,790, Mar. 27.
Shook, Chester R., administrator: *See*—
Russell, Alfred.
Shook, Florain J.: *See*—
Frazier, Larry C., and Shook.
Shook, Kenneth G., Marble Rock, Iowa. Simplified non-plugging pump water closet. 2,580,134, Dec. 25.
Shook, Paul M., Greentown, Ohio. Running board light for automobiles. 2,561,756, July 24.
Shore, Louis L., Cleveland, Ohio. Dental articulator. 2,549,339, Apr. 17.
Short, Brooks H.: *See*—
Elliott, Harold V., and Short.
Short, Brooks H., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Starting and ignition system. 2,550,026, Apr. 24.
Short, Brooks H., and C. E. Buck, Anderson, Ind., assignors to General Motors Corporation, Detroit, Mich. Ignition system. 2,536,143, Jan. 2.
Short, Brooks H., and C. E. Buck, Anderson, Ind. assignors to General Motors Corporation, Detroit, Mich. Ignition system for fuel burners. 2,540,177, Feb. 6.
Short, Brooks H., Anderson, and J. W. Dyer, Pendleton, Ind., assignors to General Motors Corporation, Detroit, Mich. Engine starter control system. 2,572,397, Oct. 23.
Short, Charles A., Sr., Stamford, Conn. Sun glare screen for attachment to rearview mirror arms. 2,549,395, Apr. 17.
Short, Frank, Canton Center, Conn. Rocket projectile. 2,545,496, Mar. 20.
Short, Frank, Canton Center, Conn. Screw thread tester. 2,577,819, Dec. 11.
Short, Glenn G.: *See*—
March, Herbert H., and Short.
Short, J. R., Milling Company, assignee: *See*—
Obey, James H.
Renner, Herbert O.
Short, Oliver A.: *See*—
Beatty, William R., and Short.
Shortell, William H., assignor to Millers Falls Company, Greenfield, Mass. Tension control for hacksaw blades. 2,539,796, Jan. 30.
Shortridge, Robert W., assignor to Commercial Solvents Corporation, Terre Haute, Ind. Compound of penicillin and cobalt and preparation thereof. 2,562,152, July 24.
Shott, Allen T., assignor to Balcrank, Inc., Cincinnati, Ohio. Joint for tubular furniture frames. 2,576,049, Nov. 20.
Shotton, James A: *See*—
Smith, George E. P., Jr., and Shotton.
Shotwell, George T., Covington, Ky. Track sander. 2,550,608, Apr. 24.
Shoub, Harry, Washington, D. C., assignor to United States of America as represented by the Secretary of the Navy. Plastic strain gauge. 2,536,101, Jan. 2.
Shoub, Harry, Washington, D. C., assignor to the United States of America as represented by the Secretary of the Navy. Wire-resistance gauge for measuring large strains. 2,569,499, Oct. 2.
Shoults, Clyde A., and G. G. Walker, Fort Worth, Tex., assignors of one-third to C. A. Brictson, Chicago, Ill. Wear pad. 2,566,638, Sept. 4.
Shoup, Allen A., Chicago, R. A. Bierwirth, Mount Prospect, and E. L. Olson, assignors to The George W. Borg Corporation, Chicago, Ill. Sound recording and reproducing apparatus. 2,540,299, Feb. 6.
Shoup, Ransom F., Ardmore, assignor to The Shoup Voting Machine Corporation, Philadelphia, Pa. Voting machine with mechanism for cumulative voting. 2,541,552, Feb. 13.
Shoup, Ransom F., Ardmore, assignor to The Shoup Voting Machine Corporation, Philadelphia, Pa. Voting machine to facilitate straight ticket voting. 2,541,553, Feb. 13.
Shoup Voting Machine Corporation, The, assignee: *See*—
Shoup, Ransom F.
Shovers, John: *See*—
Morell, Samuel A., and Shovers.
Showalter, Jere C., Baytown, Tex., assignor, by mesne assignments, to Standard Oil Development Company, Elizabeth, N. J. Cleaning composition for removing asphaltic coatings. 2,571,956, Oct. 16.
Showalter, Jere C., Goose Creek, Tex., assignor to Standard Oil Development Company. Insecticidal composition. 2,556,300, June 12.
Showalter, Joseph S.: *See*—
Santucci, Lawrence F., and Showalter.
Shrader, Fred W., Los Angeles, and H. W. Bigge, Oakland, Calif. Weight measuring apparatus. 2,577,691, Dec. 4.
Shrader, Marvin O., Westfield, N. J., assignor to General Aniline & Film Corporation, New York, N. Y. Preparation of N,N′-diaryl derivatives of perylene diimid. 2,543,747, Mar. 6.
Shrader, Ross E., Princeton, N. J., assignor to Radio Corporation of America. Recording voltmeter. 2,560,256, July 10.
Shrader, Terry M., Indianapolis, Ind., assignor to Radio Corporation of America. Magnetic phonograph and reeling system therefor. 2,557,012, June 12.
Shrader, Terry M., Oaklyn, N. J., assignor to Radio Corporation of America. Magnetic wire recording. 2,578,023, Dec. 11.
Shredmaster Corporation, The, assignee: *See*—
Menkin, Arthur H., and Morhardt.
Shreeve, Charles A., Jr., College Park, Md., J. H. Armstrong, Washington, D. C., and J. Fishkin, Perth Amboy, N. J. High acceleration shock testing air gun. 2,537,096, Jan. 9.
Shreffler, Vivian A. D.: *See*—
Jeter, Killis W., Sr., and Shreffler

Shreve, Clifford B., Buchanan, assignor to Tyler Fixture Corporation, Niles, Mich. Refrigerator defroster. 2,538,660, Jan. 16.

Shreve, James H., Mayodan, assignor to Washington Mills Company, Winston-Salem, N. C. Cutting machine. 2,566,639, Sept. 4.

Shrier, Martin, Forest Hills, assignor to Ideal Novelty & Toy Co., Hollis, N. Y. Toy milking cow. 2,536,518, Jan. 2.

Shrimpton, William J., assignor to British Artificial Resin Company, Limited, London, England. Production of continuous web or length of sheet material. 2,580,200, Dec. 25.

Shriver, Everett C., and H. H. Dailey, Enid, Okla.; said Dailey assignor to said Shriver. Grain elevator. 2,558,006, June 26.

Shropshire, Ralph F., Cambridge, Mass., assignor to Raytheon Manufacturing Company. Accelerating the growth of microorganisms. 2,578,491, Dec. 11.

Shryock, John M., Dehli, Calif. Mixing valve. 2,556,780, June 12.

Shugar, Gershon J., Jersey City, and W. D. Paist, Orange, N. J., assignors to Celanese Corporation of America. Cellulose ester plasticized with a 1-4 butandiol diester. 2,576,268, Nov. 27.

Shugart, Ralph L., Warren, and A. H. Stromeier, Youngstown, Ohio. Adjustable length pipe coupling. 2,575,685, Nov. 20.

Shugart, Robert B., and J. G. Boettcher, Orlando, Fla. Fruit coating apparatus. 2,560,487, July 10.

Shuler, Clyde, Media, C. J. Godfrey, Philadelphia, and L. A. Medlar, Oreland, assignors, by mesne assignments, to Sterlingworth Company, Philadelphia, Pa. Battery charger. 2,565,273, Aug. 21.

Shull, Charles L., Horseheads, N. Y. Screw and nut mechanism. 2,578,608, Dec. 11.

Shulman, Albert, Chicago, Ill. Educational toy. 2,543,998, Mar. 6.

Shulman, George, West New York, assignor to Pfister Chemical Works, Inc., Ridgefield, N. J. Preparation of aminoazobenzenes. 2,538,431, Jan. 16.

Shultz, Arthur W., Sun Valley, Idaho. Ski edging. 2,549,534, Apr. 17.

Shultz, Edwin S., Kansas City, Mo. Steam induction device for manifolds. 2,570,394, Oct. 9.

Shultz, Rex M., Ventura, Calif. Ladling device. 2,560,900, July 17.

Shultz, William S., Woods Hole, Mass., assignor, by mesne assignments, to the United States of America as represented by the Secretary of the Navy. Momentum gauge piston stop. 2,543,732, Feb. 27.

Shumaker, Grover M., Euclid, Ohio. Nail tie. 2,539,038, Jan. 23.

Shumaker, John F., assignor to Bendix-Westinghouse Automotive Air Brake Company, Elyria, Ohio. Fluid pressure braking system. 2,570,874, Oct. 9.

Shuman, Everett C., Haddonfield, N. J., assignor to Owens-Illinois Glass Company. Structural support for roofs and floors. 2,574,667, Nov. 13.

Shuman, Royal L.: *See*—
Caprio, Amerigo F., and Shuman.

Shumann, Harold F., Pittsburgh, Pa. Display bag and making the same. 2,538,920, Jan. 23.

Shumard, Charles C., Moorestown, N. J., assignor to Radio Corporation of America. Sequential pulse generator. 2,573,813, Nov. 6.

Shumard, Charles C., Moorestown, N. J., assignor to Radio Corporation of America. Multiple tube gas triode inverter. 2,574,068, Nov. 6.

Shumway, Jay C., Kansas City, Mo. Wire container. 2,542,882, Feb. 20.

Shunk, Clifford H.: *See*—
Rogers, Edward F., Phillips, Shunk, Koniuszy, and Folkers.

Shur, Ira, Brooklyn, assignor to Waldes Kohinoor, Inc., Long Island City, N. Y. Locking slider for slide fasteners. 2,540,693, Feb. 6.

Shure Brothers Inc., assignee: *See*—
Bauer, Benjamin B.

Shure Brothers, Incorporated, assignee: *See*—
Bauer, Benjamin B.

Shurebite Inc., assignee: *See*—
Sisco, Alexander.

Shurley, Frederick, Windsor, Ontario, Canada. Rotary printing machine for cylindrical articles. 2,540,554, Feb. 6.

Shuron Optical Company, Inc., assignee: *See*—
Long, Eli M., and McCarthy.
Rohrbach, John J.
Stead, Harold J.

Shuster, Elinor B., Minneapolis, Minn. Baby blanket combination. 2,567,082, Sept. 4.

Shutt, John C.: *See*—
Meyers, George L., Schriner, and Shutt.

Shutter, James S., Jacksonville, Fla. Speed hose clamp with parallel screw. 2,555,378, June 5.

Shuttleworth, Howard L., assignor to Mohawk Carpet Mills, Inc., Amsterdam, N. Y. Making pile fabrics. 2,575,029, Nov. 13.

Shwayder Brothers, assignee: *See*—
Adler, John B.

Siano, Lucien, Balston Spa, N. Y. Mixing valve. 2,540,460, Feb. 6.

Sias, Frederick R., Marblehead, Mass., assignor to General Electric Company. Instrument damping system. 2,560,257, July 10.

Sias, Frederick R., Marblehead, Mass., assignor to General Electric Company. Anemometer construction. 2,579,344, Dec. 18.

Sibley, Robert L., Nitro, W. Va., assignor to Monsanto Chemical Company, St. Louis, Mo. Preservation of butadiene polymers with mercaptals of hydroxy aldehydes. 2,564,795, Aug. 21.

Sibulkin, Morris, and Morris Sibulkin, Jr., Manchester, N. H. Arch-supporting counter for shoes. 2,562,514, July 31.

Sibulkin, Morris, Jr.: *See*—
Sibulkin, Morris, and Morris Sibulkin, Jr.

Sicard Inc., assignee: *See*—
Boissonnault, Ronaldo.

Sichak, William, Cambridge, Mass., assignor, by mesne assignments, to the United States of America as represented by the Secretary of War. Antenna. 2,547,414, Apr. 3.

Sichman, John J., Jr.: *See*—
Milz, Harold E., and Sichman.

Siciliano, Samuel F., assignor to George C. Moore Company, Westerly, R. I. Weft detector for looms. 2,552,498, May 8.

Sickles, F. W., Company, The, assignee: *See*—
Oliver, Herbert F.
Sickles, Royal F.

Sickles, Royal F., Springfield, assignor to The F. W. Sickles Company, Chicopee, Mass. Insulation removal apparatus. 2,539,526, Jan. 30.

Sicklesteel, George D., Lake Orion, Mich. Combination merry-go-round and swing. 2,539,869, Jan. 30.

Siczkiewicz, Joseph, Jr., assignor to Geuder, Paeschke & Frey Co., Milwaukee, Wis. Filter for coffee brewers. 2,555,766, June 5.

Sidebotham, Melvin H., Winchester, Mass. Apparatus for making fluted containers. 2,539,356, Jan. 23.

Sidenmark, Nils O. H., Danderyd, assignor to Telefonaktiebolaget L. M. Ericsson, Stockholm, Sweden. Surge arrester for air lines. 2,560,136, July 10.

Siders, Ellis L., Santa Cruz, Calif. Toy repeating rubber band pistol. 2,550,873, May 1.

Sido, George R., Springfield, Mass., assignor to Monsanto Chemical Company, St. Louis, Mo. Ethers of aryl sulfonamide-formaldehyde reaction products. 2,545,174, Mar. 13.

Sidwell, Carroll V., Tulsa, Okla. Well drilling. 2,561,075, July 17.

Sidwell, James Q.: *See*—
Smith, James B., and Sidwell.

Sieben, William J., Alameda, Calif. Shock absorber for air guns. 2,551,769, May 8.

Siebenhaar, Byron B.: *See*—
Chapman, Robert S., and Siebenhaar.

Siebens, Norman H.: *See*—
Allen, Frank B., and Siebens.

Siebenthaler, David H., Meriden, assignor, by mesne assignments, to Niles-Bement-Pond Company, West Hartford, Conn. Control apparatus. 2,577,435, Dec. 4.

Siebert, William McC.: *See*—
Longini, Richard L., Hunter, and Siebert.

Siebring, Barton G.: *See*—
Siebring, Claude and B. G.

Siebring, Claude and B. G., George, Iowa. Mixer for constructional aggregates and the like. 2,547,787, Apr. 3.

Siefen, Howard T.: *See*—
Goebel, Max T., Langston, Loder, and Siefen.

Siefert, V., assignee: *See*—
Askholt, Carl E.

Sieg, Karl, Philadelphia, Pa., assignor to Samuel M. Langston Co., Camden, N. J. Box blank taping machine. 2,540,694, Feb. 6.

Sieg, Karl, Philadelphia, Pa., assignor to Samuel M. Langston Co., Camden, N. J. Mill roll stand. 2,561,146, July 17.

Siegal, Jack, New York, N. Y. Vanity case having a member for automatically wiping clean the mirror contained in the case. 2,549,643, Apr. 17.

Siegal, Norman A., assignor to Irvin Swartzberg, Chicago, Ill. Article sorting apparatus. 2,570,395, Oct. 9.

Siegel, David T., Chicago, Ill. Resistor structure and manufacture. 2,557,571, June 19.

Siegel, Philip G., Flushing, assignor to Perfect Knit Togs, Inc., New York, N. Y. Infant's garment. 2,576,812, Nov. 27.

Sieger, George M., Jr., Pearl River, assignor to American Cyanamid Company, New York, N. Y. Water-soluble sulfonamides. 2,566,038, Aug. 28.

Siegrist, Karl, Zurich, Switzerland. Braking arrangement for casting reels. 2,548,073, Apr. 10.

Siegrist, Nelson J., Neosho, Mo. Lining for coffee making instrumentalities. 2,546,874, Mar. 27.

Siegerist, Walter, University City, Mo. Mounting for sheaves and the like. 2,570,604, Oct. 9.

Sieklucki, Alfred P., Hartford, and E. E. Kirkham, Manchester, Conn., assignors to Federal Electric Products Company, Newark, N. J. Resistor construction and insulator. 2,537,796, Jan. 9.

Siekmann, Harold J., and G. J. Kasselmann, assignors to The R. K. Le Blond Machine Tool Company, Cincinnati, Ohio. Lathe transmission and control mechanism. 2,545,053, Mar. 13.
Siekmann, Harold J., Cincinnati, and H. C. Kemper, Goshen Township, Clermont County, assignors to The R. K. Le Blond Machine Tool Co., Cincinnati, Ohio. Electric duplicator attachment for lathes. 2,553,984, May 22.
Siekmann, Harold J., and G. J. Kasselmann, assignors to The R. K. Le Blond Machine Tool Co., Cincinnati, Ohio. Dial indicating mechanism. 2,554,721, May 29.
Siekmann, Harold J., Cincinnati, H. C. Kemper, Goshen Township, Clermont County, and N. D. Cooper, Mariemont, assignors to The R. K. Le Blond Machine Tool Company, Cincinnati, Ohio. Lathe control mechanism. 2,558,275, June 26.
Siekmann, Harold J., and G. J. Kasselmann, assignors to The R. K. Le Blond Machine Tool Co., Cincinnati, Ohio. Adjustable pulley V-belt transmission. 2,561,712, July 24.
Siemens Brothers & Company Limited, assignee: *See*—
Bryan, Ernest A.
Long, Douglas P.
Yates, Kenneth R.
Siemens and General Electric Railway Signal Company Limited, The, assignee: *See*—
Carpenter, Alfred R., and Riddle.
Siemens & Halske, Aktiengesellschaft, assignee: *See*—
Wirk, Adolf.
Siemens - Schuckertwerke, Aktiengesellschaft, assignee: *See*—
Belamin, Michael.
Siemens Societa per Azioni, assignee: *See*—
Conti, Giampietro.
Siemons, Otto, Keyport, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Carbon black pigment dispersion. 2,544,363, Mar. 6.
Siemund, Herman, assignor to Greenview Manufacturing Company, Chicago, Ill. Squeegee type cleaning tool. 2,566,294, Aug. 28.
Siens, Jay, Asheville, N. C., assignor to N. Bobo, Lyman, S. C. Filter smoker for invalids, etc. 2,563,695, Aug. 7.
Siepe, Leonard J., Milwaukee, Wis. Cutter guide attachment for forming machines. 2,549,024, Apr. 17.
Sier-Bath Gear & Pump Co., Inc., assignee: *See*—
Shields, Albert F.
Siesel, Josephine M., executrix: *See*—
Siesel, William M.
Siesel, William M., deceased, Morrisville, Pa.; J. M. Siesel, executrix of said W. M. Siesel. Fastening. 2,549,393, Apr. 17.
Siesel, William M., Morrisville, Pa., assignor to Continental, Incorporated, Washington, D. C. Power transmission. 2,557,894, June 19.
Sievenpiper, Frederic, Alden, assignor to Allied Chemical & Dye Corporation, New York, N. Y. Benzanthrone halogenation. 2,563,663, Aug. 7.
Sievern, Frederick: *See*—
Care, Thomas, and Sievern.
Sievers, George, Oakland, Calif. Cross-wind landing gear for airplanes. 2,538,388, Jan. 16.
Sievers, George, Oakland, Calif. Cross-wind landing gear for airplanes. 2,560,747, July 17.
Sievers, Pauline, assignee: *See*—
Brady, Robert H., and Birkner.
Sievert, Bernard E., Chicago, assignor to Woodruff & Edwards, Inc., Elgin, Ill. Water runoff control construction. 2,572,208, Oct. 23.
Sievert, Carl F.: *See*—
Dunlap, Lawrence H., and Sievert.
Sievert, Edward F. and L. L., Hubbard, Iowa. Shuttle winder clamp. 2,543,474, Feb. 27.
Sievert, Lloyd L.: *See*—
Sievert, Edward F. and L. L.
Siewenie, Philip F., Chicago, Ill. Selective dispenser of powdered materials. 2,552,349, May 8.
Siezen, Gerrit J., Eindhoven, Netherlands, assignor to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Color television. 2,552,464, May 8.
Siezen, Gerrit J., Eindhoven, Netherlands, assignor to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Screen for television projection. 2,567,654, Sept. 11.
Siezen, Gerrit J., Eindhoven, Netherlands, assignor to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Screen for television projection. 2,567,655, Sept. 11.
Siezen, Gerrit J., Eindhoven, Netherlands, assignor to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Translucent projection screen for viewing from two different directions. 2,567,656, Sept. 11.
Sifferd, Robert H., Clarendon Hills, and L. P. Anderson, assignors to Armour and Company, Chicago, Ill. Preparation of gelatin. 2,580,049, Dec. 25.
Sific Aktiengesellschaft, assignee: *See*—
Fauqué, Louis L. J.
Sigafoos, Harold: *See*—
Huffman, Kermit D., and Sigafoos.
Sight Light Corporation, The, assignee: *See*—
Doane, Leroy C.
Sightmaster Corp., assignee: *See*—
Kaplan, Michael L.
Sigler, George T., and H. J. Haas, Martinsburg, W. Va. Nonskid mechanism for motor vehicles. 2,540,382, Feb. 6.
Sigler, Howard R.: *See*—
Laystrom, Carl A., and Sigler.
Sigma Instrument Company Limited, The, assignee: *See*—
Boozey, Frederick R., Loxham, Castleton, and Hart.
Sigma Pumps, National Corporation, assignee: *See*—
Kardhordo, Eugen.
Sigman, John J., Cicero, Ill. Insulating splice protector. 2,571,771, Oct. 16.
Sigmon, Ross M., Jr., Winston-Salem, N. C., assignor to Western Electric Company, Incorporated, New York, N. Y. Electrical cable connection box. 2,566,039, Aug. 28.
Sigmund, Miroslav, Gosforth, England. Detachable water sprinkler. 2,568,171, Sept. 18.
Sigmund, Miroslav, Gosforth, England. Water sprayer. 2,570,605, Oct. 9.
Signaigo, Frank K.: *See*—
Balthis, Joseph H., and Signaigo.
Signaigo, Frank K., Kenmore, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Titanation of polyvinyl resins. 2,549,940, Apr. 24.
Signaigo, Frank K., Kenmore, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Starch titanium reaction product. 2,570,499, Oct. 9.
Signal Oil and Gas Company, assignee: *See*—
Cardwell, Glenn L.
Miller, Lloyd C.
Moon, James.
Young, Garth L.
Signal Tuned Radio Corporation, assignee: *See*—
Andrews, Edward F.
O'Brien, William J.
Signer, Ralph J., assignor to The Visking Corporation, Chicago, Ill. Preparing resinous compositions. 2,574,893, Nov. 13.
Signer, Ralph J., Chicago, and K. F. Beal, Berwyn, assignors to The Visking Corporation, Chicago, Ill. Mixture of polychloroprene, vinylidene chloride-acrylonitrile copolymer, and butadiene-acrylonitrile copolymer. 2,547,605, Apr. 3.
Signode Steel Strapping Company, assignee: *See*—
Moon, John M.
Sigoda, Victor J., Great Neck, assignor to Man-Sew Corporation, New York, N. Y. Trimming attachment for sewing machines. 2,540,355, Feb. 6.
Sigoda, Victor J., Great Neck, assignor to Man-Sew Corporation, New York, N. Y. Fabric trimming mechanism. 2,541,110, Feb. 13.
Sigsbey, Edwin H., Willoughby, Ohio. Ratchet wrench. 2,563,878, Aug. 14.
Sigurjonsson, Markus F., Reykjavik, Iceland. Motor sled. 2,564,377, Aug. 14.
Sikeston Tractor and Implement Company, assignee: *See*—
Myers, Bess L.
Sikora, Stanley, Lancaster, N. Y. Gyroscope. 2,548,074, Apr. 10.
Sikorra, Daniel J., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Regulating system utilizing a nonlinear resonant network. 2,576,646, Nov. 27.
Sikorra, Daniel J., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Regulating system utilizing a nonlinear resonant current limiter. 2,576,647, Nov. 27.
Sikorra, Daniel J., and D. V. Hotson, assignors to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Voltage regulator with phase splitting circuit controlled by inductive damping means. 2,549,250, Apr. 17.
Silberkraus, Sam, Riverdale, and G. Trojanowski, Brooklyn, assignors to Regal Molding Co., Inc., Mineola, N. Y. Stencilling apparatus for charging molds. 2,572,771, Oct. 23.
Silberman, Nelson, Chester, Pa. Wall protector. 2,563,078, Aug. 7.
Silbermann, Boris, Geneva, Switzerland. Clamping device. 2,539,333, Jan. 23.
Silbermann, Henry: *See*—
Weisberg, Samuel M., Paulsen, and Silbermann.
Silberstein, George P., Rochester, N. Y., assignor, by mesne assignments, to the United States of America as represented by the Secretary of Navy. Carbon pile gyro pick-off. 2,567,682, Sept. 11.
Silby, Martin V., New York, N. Y. Attachment for box-covering machines. 2,574,126, Nov. 6.
Silby, Martin V., New York, N. Y. Attachment for box-covering machines. 2,574,127, Nov. 6.
Silentbloc, Limited, assignee: *See*—
Hutton, Philip C.
Silent-Flame Manufacturing Co., Inc., assignee: *See*—
Walshin, Murray.
Siler, Lemond, Knoxville, Tenn. Ladder. 2,536,318, Jan. 2.
Siler, Robert W., Williamsburg, assignor to Siler Sling Corp., Hazard, Ky. Rope clamp. 2,564,036, Aug. 14.
Siler Sling Corp., assignee: *See*—
Siler, Robert W.
Silge, Martin, Oakland, Calif. Refractometer employing the principle of total reflection. 2,556,344, June 12.
Silk, Philip B., London, England, assignor to The Allen-Sherman-Hoff Company, Philadelphia, Pa. Hydraulic hopper discharge apparatus. 2,579,402, Dec. 18.

Sillars, George S., Beverly, assignor to Hoague-Sprague Corporation, Lynn, Mass. Web-flexing apparatus. 2,558,788, July 3.
Sillars, George S., Beverly, assignor to Hoague-Sprague Corporation, Lynn, Mass. Box making machine. 2,561,485, July 24.
Sillaway, Luella R., Manhasset, N. Y. Infant's sleeping garment. 2,578,323, Dec. 11.
Sillerud, Oskar M. B., Kristiansand S., assignor to Östenfjeldske Handelskompani Aktieselskap, Oslo, Norway. Index card. 2,542,585, Feb. 20.
Sillick, William E., assignor to Eastman Kodak Company, Rochester, N. Y. Preparation of soluble nitrocellulose having carboxyl groups in the primary position. 2,544,902, Mar. 13.
Silliman, Robert M., Silver Spring, Md., assignor to the United States of America as represented by the Secretary of War. Cathode-ray beam intensity control. 2,567,861, Sept. 11.
Sillman, Isaac D., New York, N. Y. Window with removable pane. 2,558,789, July 3.
Sills, Richard M., Jr., Schenectady, N. Y., assignor to General Electric Company. Temperature control system. 2,554,218, May 22.
Silon, narodni podnik, assignee: *See*—
Novotny, Alois, and Wichterle.
Silva, Alfred W., Gardena, Calif. Automatic fishing device. 2,536,576, Jan. 2.
Silva, Anthony R., San Jose, Calif. Bottle feeder. 2,541,300, Feb. 13.
Silva, Lawrence M., Berkeley, assignor of one-third to J. H. Janusch, and one-third to F. C. Snyder, Richmond, Calif. Automatic headlight dimming apparatus. 2,560,748, July 17.
Silva, Leola, Oakland, Calif. Liquid face rouge. 2,578,210, Dec. 11.
Silva, Willard C., Sarasota, Fla. Cutter gang for celery harvesters. 2,554,066, May 22.
Silven, Herbert A., assignor to Norton Company, Worcester, Mass. Automatic steady rest for grinding machines. 2,567,620, Sept. 11.
Silven, Herbert A., assignor to Norton Company, Worcester, Mass. Grinding machine. 2,572,529, Oct. 23.
Silver, Boris, Brooklyn, N. Y. Antiskid attachment for dual wheels. 2,557,241, June 19.
Silver, Leonard H., Rahway, N. J., and E. M. Cohen, assignors to M. Goldman & Company, Inc., Bridgeport, Conn. Support for bubble light device. 2,569,078, Sept. 25.
Silver, Martin: *See*—
Shadowitz, Albert, and Silver.
Silver, Walter H., and J. I. Cantral, assignors to Deere & Company, Moline, Ill. Disk tiller. 2,562,747, July 31.
Silver, Walter H., Moline, Ill., and W. V. Lohrman, Davenport, Iowa, assignors to Deere & Company, Moline, Ill. Quickly attachable implement. 2,567,736, Sept. 11.
Silver, Walter H., Moline, Ill., and W. V. Lohrman, Davenport, Iowa, assignors to Deere & Company, Moline, Ill. Flexibly connected tractor-mounted implement. 2,567,737, Sept. 11.
Silver, Walter H., Moline, Ill., and W. V. Lohrman, Davenport, Iowa, assignors to Deere & Company, Moline, Ill. Tool bar support for implements. 2,567,738, Sept. 11.
Silver, William, Roxbury, Mass. Linoleum scriber. 2,557,699, June 19.
Silverberg, Abe, S. Louis, Mo. Purification of carbon dioxide. 2,551,399, May 1.
Silvercote Products, Inc., assignee: *See*—
Knudson, Warren A.
Silverman, Arnold, New York, N. Y. Device for mixing materials. 2,549,644, Apr. 17.
Silverman, Daniel, assignor to Stanolind Oil and Gas Company, Tulsa, Okla. Signaling system. 2,544,569, Mar. 6.
Silverman, Daniel, Tulsa, Okla., assignor to the United States of America as represented by the Secretary of the Army. Tourmaline crystal elements for pressure gauges. 2,556,558, June 12.
Silverman, Daniel, and R. W. Stuart, assignors to Stanolind Oil and Gas Company, Tulsa, Okla. Logging drilling rates. 2,539,758, Jan. 30.
Silverman, I. Irving, Chicago, Ill., assignor to Bechik Products, Inc., St. Paul, Minn. Bedrail extension device. 2,539,933, Jan. 30.
Silverman, Isador, Cleveland, Ohio. Furniture construction. 2,543,875, Mar. 6.
Silverman, Isador, Newark, and A. Moscowitz, Nutley, N. J., assignors to L. Sonneborn Sons, Inc. Concrete hardening compositions of the metal salt type. 2,575,599, Nov. 20.
Silverman, Jacob, Brooklyn, N. Y. Fabric shaping and pressing machine. 2,562,398, July 31.
Silverman, Martin, assignor to Electronic Tube Corporation, Philadelphia, Pa. Electrode assembly for cathode-ray tubes. 2,547,415, Apr. 3.
Silverman, Milton, Forest Hills, assignor to Schieffelin & Co., New York, N. Y. Controlling fungi by means of an acylamido naphthoquinone. 2,577,093, Dec. 4.
Silverstein, Samuel: *See*—
Koegler, Milton, and Silverstein.
Silverton, Ernest G.: *See*—
Lade, Frederick L., and Silverton.
Silvey, John O., Syracuse, N. Y., assignor to General Electric Company. Variable inductance tuner. 2,533,339, May 15.
Silvia, Jeremiah, Dartmouth, Mass. Animal trap. 2,579,208, Dec. 18.
Silvius, Paul: *See*—
Wallace, James M., and Silvius.
Sim, Gordon: *See*—
Keyes, George G., and Sim.
Simanek, Thomas J., Coos Bay, Oreg. Clam shell bucket. 2,557,575, June 19.
Simanton, William A.: *See*—
Yates, Wallace J., Folckemer, and Simanton.
Simanton, William A., O'Harra Township, Allegheny County, assignor to Gulf Research & Development Company, Pittsburgh, Pa. Apparatus for producing air-borne particles of insecticide. 2,536,231, Jan. 2.
Simard, Edward A. and R. P., Beecher Falls, Vt. Convertible rocker furniture. 2,558,466, June 26.
Simard, Raymond P.: *See*—
Simard, Edward A. and R. P.
Simcoe, William H.: *See*—
Carleton, Dana B., and Simcoe.
Simkus, John A., Chicago, Ill. Pneumatic type opposed contact gauge. 2,560,194, July 10.
Simmen, Vernon J.: *See*—
Lindeman, Philip F., and Simmen.
Simmon, Alfred, Jackson Heights, assignor to Simmon Brothers, Inc., Long Island City, N. Y. Machine for making photographic color prints. 2,565,399, Aug. 21.
Simmon, Alfred, Jackson Heights, assignor to Simmon Brothers, Inc., Long Island City, N. Y. Computing device for photographic color printing processes of masking type. 2,573,113, Oct. 30.
Simmon, Alfred, Jackson Heights, assignor to Simmon Brothers, Inc., Long Island City, N. Y. Safety lock for roll film camera doors. 2,577,160, Dec. 4.
Simmon Brothers, Inc., assignee: *See*—
Simmon, Alfred.
Simmonds Aerocessories Inc., assignee: *See*—
Allen, George T.
Isreeli, Jack, and Allen.
Simmonds, Harry L., San Diego, Calif. Lawn edge trimming attachment for lawn mowers. 2,556,946, June 12.
Simmons, Milo R., Niagara Falls, assignor to Bell Aircraft Corporation, Wheatfield, N. Y. Control means for jet propulsion apparatus. 2,580,365, Dec. 25.
Simmonds, Worden White Co., assignee: *See*—
Gasper, William B.
Simmons, Arthur B., assignor to Eastman Kodak Company, Rochester, N. Y. Reticle mount. 2,537,917, Jan. 9.
Simmons, Arthur B., and J. H. Eagle, assignors to Eastman Kodak Company, Rochester, N. Y. Negative carrier. 2,552,225, May 8.
Simmons, Clover B., Crooksville, Ohio. Rack for flat articles. 2,553,117, May 15.
Simmons Company, assignee: *See*—
McLendon, Preston A., and Parks.
Travis, Don C.
Travis, Don Carlos.
Woller, Edward E.
Simmons, E. Glen, Kingsport, Tenn. Chain carriage sheet feed rotary printing press. 2,551,060, May 1.
Simmons, Edmond C., Homer, Ky. Fish lure. 2,565,099, Aug. 21.
Simmons, Elvera, Philadelphia, Pa. Panty girdle. 2,536,232, Jan. 2.
Simmons, Fielding B., Vallejo, Calif. Hydraulic jack. 2,554,127, May 22.
Simmons, Frederick F., Merriam, Kans. Holder for character-carrying elements for composing machines. 2,565,934, Aug. 28.
Simmons, Granville T., Richmond, Va. Safety lock device. 2,575,401, Nov. 20.
Simmons, Howard A., Milford, assignor of one-half to J. R. Kimball, Hopedale, Mass. Bobbin clutch. 2,572,398, Oct. 23.
Simmons, John C., D. H. Setzer, and D. E. Mull, assignors to Waldensian Hosiery Mills, Incorporated, Valdese, N. C. Pattern control means for knitting machines. 2,552,742, May 15.
Simmons, John H. W., assignee: *See*—
Hinckley, Garfield L.
Simmons, Lawrence C., Ossining, assignor to The New York Central Railroad Company, New York, N. Y. Fuel burning method and burner. 2,566,040, Aug. 28.
Simmons, Lawrence C., Ossining, assignor to The New York Central Railroad Company, New York, N. Y. Steam heating boiler control system. 2,566,041, Aug. 28.
Simmons, Leon E., Claremont, N. H., assignor to Joy Manufacturing Company, Pittsburgh, Pa. Cutter chain. 2,575,980, Nov. 20.
Simmons, Marshall: *See*—
Ensey, Troy D., and Simmons.
Simmons, Milton, Detroit, Mich. Spring mounting for chair seats and the like. 2,570,396, Oct. 9.
Simmons, Nicholas L., Chicago, Ill. Package for whey concentrate and other dairy products. 2,557,576, June 19.
Simmons, Oliver H., Chicago, Ill., assignor to R. D. Buell. Automatic pressure switch. 2,547,050, Apr. 3.

Simmons, Oliver H., assignor to R. D. Buell, Chicago, Ill. Inflation gauge and valve assembly. 2,563,968, Aug. 14.
Simmons, Oscar C., Dallas, Tex. Ringtoss type game board. 2,538,128, Jan. 16.
Simmons, Stanley, Baltimore, Md., assignor to Cleaners Hanger Company, Detroit, Mich. Garment hanger and reinforcing same. 2,550,167, Apr. 24.
Simmons, Verlie, Hazel Park, and B. L. Hutchison, Royal Oak, Mich. Electrical testing implement. 2,536,577, Jan. 2.
Simmons, Wilberforce D., Mount Vernon, N. Y. Extracting cars from ruts, mud, snow, and the like. 2,553,216, May 15.
Simms, Charles H.: *See*—
Breadner, Robert L., and Simms.
Simms, Howard N., Independence, assignor to Black, Sivalls & Bryson, Inc., Kansas City, Mo. Safety device. 2,548,744, Apr. 10.
Simms, Leo G., Glendale, Calif., assignor to Winkitty Products, Inc., Kansas City, Mo. Washing Apparatus. 2,538,850, Jan. 23.
Simms, Russell K., Bartlesville, Okla., assignor to Phillips Petroleum Company. Separation and purification of unsaturated hydrocarbons. 2,555,940, June 5.
Simon, Alfred, Lynbrook, and B. Hackman, Brooklyn, N. Y. Garment hanger construction and locking means therefor. 2,575,979, Nov. 20.
Simon, Alfred W., St. Louis, Mo., and G. L. Johnson, Jr., assignors to Stewart-Warner Corporation, Chicago, Ill. Permeability tuned radio receiver. 2,542,950, Feb. 20.
Simon, Archie E., Jefferson City, Mont. Cattle stock. 2,557,477, June 19.
Simon, Edwin G., San Francisco, Calif. Wood plane and drawknife. 2,567,739, Sept. 11.
Simon, Eli: *See*—
Thomas, Frank W., and Simon.
Simon, Eli, Los Angeles, and F. M. Carasso, Pasadena, assignors to Lockheed Aircraft Corporation, Burbank, Calif. Surface treatment of aluminum and aluminum alloys. 2,550,388, Apr. 24.
Simon, Eli, Los Angeles, and F. W. Thomas, assignors to Lockheed Aircraft Corporation, Burbank, Calif. Heat- and flame-resistant resinous refractories. 2,575,686, Nov. 20.
Simon, Eli, Los Angeles, and F. W. Thomas, Burbank, assignors to Lockheed Aircraft Corporation, Los Angeles, Calif. Heat, flame, and fire resistant sealants. 2,575,687, Nov. 20.
Simon, Eli, Los Angeles, and F. W. Thomas, assignors to Lockheed Aircraft Corporation, Burbank, Calif. Foamed alkyd-isocyanate plastics. 2,577,279, Dec. 4.
Simon, Eli, Los Angeles, and F. W. Thomas, assignors to Lockheed Aircraft Corporation, Burbank, Calif. Cellular plastic material. 2,577,280, Dec. 4.
Simon, Eli, Los Angeles, and F. W. Thomas, assignors to Lockheed Aircraft Corporation, Burbank, Calif. Flame retardant cellular plastic material. 2,577,281, Dec. 4.
Simon, Eugene R., Petersburg, Ill. Rotary hoe wheel. 2,559,232, July 3.
Simon, Harolde M., New Hartford, assignor to Utica Radiator Corporation, Utica, N. Y. Hinged door for furnaces and the like. 2,571,070, Oct. 9.
Simon, John, Tramelan, Switzerland. Watchcase with locking means. 2,569,619, Oct. 2.
Simon, Justin, Brooklyn, and R. S. Temko, New York, N. Y. Cigarette lighter. 2,541,111, Feb. 13.
Simon, Peter N., Jr., assignee: *See*—
Ettien, Josephine M., and Yoakem.
Simonds, Paul, Shaker Heights, Ohio, assignors to Vickers Incorporated, Detroit, Mich. Constant pressure multiple motor hydraulic power transmission system. 2,549,989, Apr. 24.
Simoneaux, Nicole E., New Orleans, La. Convertible seat for automobiles or other vehicles. 2,575,773, Nov. 20.
Simoni, Armando, Bologna, Italy. Reservoir pen. 2,565,667, Aug. 28.
Simonian, Gerald, Fresno, Calif. Folding shopping cart. 2,555,767, June 5.
Simons, Abraham, Monsey, N. Y. Making diamond tools. 2,571,772, Oct. 16.
Simons, Burton H., Morristown, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Harmonic crystal oscillator. 2,575,363, Nov. 20.
Simons, Homer C.: *See*—
Faulhaber, James W., Fisher, and Simons.
Simons, Howard A.: *See*—
Dunbar, James R., Bloedel, and Simons.
Simons, Joseph H.: *See*—
Diesslin, Albert R., Kauck, and Simons.
Simons, Joseph H., and T. J. Brice, State College, Pa., assignors to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Making fluorocarbon monoiodides. 2,554,219, May 22.
Simons, Raymond S., Highland Park, Ill. Light meter. 2,576,813, Nov. 27.
Simons, Wesley A., Tangent, Oreg. Trouser support. 2,553,116, May 15.
Simons, William G., Greenwich, and E. H. Dafter, Jr., Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Curing polyester resins. 2,537,375, Jan. 9.
Simonsen, Arnold, San Francisco, Calif. Rack and gear actuated clamp. 2,576,420, Nov. 27.
Simonson, Sigvard, Butler, Pa., assignor, by mesne assignments, to Hulson Company, Chicago, Ill. Coupler attachment. 2,568,831, Sept. 25.
Simonton, Fred W., Pennsboro, W. Va. Awning structure. 2,539,705, Jan. 30.
Simonton, Theodore E., assignee: *See*—
Wheler, Arthur G.
Šimorda, Josef, assignor to Bata, Narodni Podnik, Zlin, Czechoslovakia. Apparatus for the vulcanization of plastic materials. 2,565,003, Aug. 21.
Simpelaar, Clyde S., assignor to Modine Manufacturing Company, Racine, Wis. Finned tube. 2,537,797, Jan. 9.
Simpelaar, Clyde S., assignor to Modine Manufacturing Company, Racine, Wis. Crossflow heat exchanger. 2,539,870. Jan. 20.
Simpelaar, Clyde S., assignor to Modine Manufacturing Company, Racine, Wis. Heat exchanger. 2,547,668, Apr. 3.
Simpkins, George, and W. T. Ramsey, Long Beach, Calif. Combination double hung and casement window and means to adjust same. 2,555,710, June 5.
Simpkins, Robert L., Royal Oak, J. S. Materka, Dearborn, and H. A. Elliott, assignors to Essex Wire Corporation, Detroit, Mich. Twelve cavity grommet mold. 2,578,492, Dec. 11.
Simplex, assignee: *See*—
Rasmussen, Christian O.
Simplex Engineering Company, assignee: *See*—
Raymond, Thomas E.
Simplex Packaging Machinery, Inc., assignee: *See*—
Gaubert, Rene J.
Simplex Time Recorder Co., assignee: *See*—
Blouin, Maurice A.
Simplex Wire & Cable Co., assignee: *See*—
Hutchins, Loren H., Jr.
Simplon Cuff Corporation, assignee: *See*—
Saltzman, Shepards, and Sullivan.
Simplytrol Products Company, assignee: *See*—
Thompson, Bradley R., and Hammond.
Simpson, Albert D., Macon, Ga., assignor to The Hofft Company, Inc., Indianapolis, Ind. Dump grate for refuse burning furnaces. 2,557,013. June 12.
Simpson, Clarence E., Springfield, Mass., assignor to the United States of America as represented by the Secretary of War. Breechblock lock for firearms. 2,555,379, June 5.
Simpson, Clarence E., Springfield, Mass., assignor to the United States of America, as represented by the Secretary of War. Feeding mechanism for automatic firearms. 2,565,527, Aug. 28.
Simpson, Clarence E., Springfield, Mass., assignor to the United States of America as represented by the Secretary of War. Transversely sliding breech bolt lock for automatic firearms. 2,576,973, Dec. 4.
Simpson, Clifford M., Manhattan, Kans. Directive antenna system. 2,576,150, Nov. 27.
Simpson, Clyde R., assignor to Thomas P. Pike Drilling Co., Los Angeles, Calif. Cutter for drill pipe protectors. 2,565,274, Aug. 21.
Simpson, Eugene H., assignee: *See*—
Dohmeyer, Wilbert A.
Simpson, Frank R., Upper Darby, and G. N. Saccas, Wynnewood, Pa., assignors to the United States of America as represented by the Secretary of War. Device for grinding interior faces of tubes. 2,551,061, May 1.
Simpson, Graham E., White Plains, N. Y., assignor to The Linde Air Products Company. Process of and apparatus for separating ternary gas mixtures. 2,547,177, Apr. 3.
Simpson, Harold N., Oak Park, Ill. Conveyor. 2,552,743, May 15.
Simpson, Herman N., Seattle, Wash. Recovering chemicals from liquor produced by pulping of cellulosic materials. 2,542,060, Feb. 20.
Simpson, Henry A.: *See*—
Jensen, Charles J., Lawyer, and Simpson.
Simpson, Henry A., Philadelphia, and S. F. Mackelduff, Westchester, assignors, by mesne assignments, to The Lake Laboratories Co., Philadelphia, Pa. Device for sealing packages with adhesive tape. 2,549,136, Apr. 17.
Simpson, Herbert A., Ionia, Mich., assignor to Charles W. Yerger, Southbury, Conn. Check mechanism for door closers. 2,552,821, May 15.
Simpson, Herbert S., assignee, trustee: *See*—
Horth, Walter.
Simpson, Herbert S., trustee, assignee: *See*—
Horth, Walter.
Simpson, Hobart A., Valley Stream, and A. A. Bamberger, Flushing, N. Y. Atomizer for perfume and like liquids. 2,576,195, Nov. 27.
Simpson, James H.: *See*—
Gehlsen, Reimer G., and Simpson.
Simpson, John H., County Down, Northern Ireland. Mechanical artificial hand. 2,549,716, Apr. 17.
Simpson, John T., Red Bank, N. J. Pocket clip for hearing aids. 2,557,518, June 19.
Simpson, John W.: *See*—
Wade, Elmer J., and Simpson.
Simpson, Joseph A., assignor of one-half to M. Hearst, New York, N. Y. Electromagnetic vibratory advertising device. 2,557,242, June 19.

Simpson, Justin, Elmhurst, Ill., assignor to Continental Can Company, Inc., New York, N. Y. High-speed cover feed. 2,579,976, Dec. 25.
Simpson, Kenneth H., Maplewood, N. J., assignor to Radio Corporation of America. Damper bar for filamentary cathodes. 2,570,606, Oct. 9.
Simpson, Martha O., Penn Wynne, Pa. Mixing and cutting machine. 2,571,300, Oct. 16.
Simpson, Oscar T., assignor, by mesne assignments, to Philco Corporation, Philadelphia, Pa. Directional antenna system. 2,556,046, June 5.
Simpson, Park P., Sr., Dallas, Tex. Live bait trap and container. 2,569,833, Oct. 2.
Simpson, Ray, and H. A. Bernreuter, assignors, by mesne assignments, to American Gage & Machine Company, Chicago, Ill. Multiple scale for electrical measuring instruments. 2,558,276, June 26.
Simpson, Thomas, Pattingham, near Wolverhampton, L. S. Greenland, Wolverhampton, and T. Edwards, Bilbrook, near Wolverhampton, assignors to H. M. Hobson Limited, London, England. Hydraulic pump. 2,548,501, Apr. 10.
Simpson, Thomas, Pattingham, near Wolverhampton, T. Edwards, Bilsbrook, near Wolverhampton, and L. S. Greenland, Compton, Wolverhampton, assignors to H. M. Hobson Limited, London, England. Hydraulic pump. 2,553,063, May 15.
Simpson, Thomas P., Woodbury, N. J., assignor to Socony-Vacuum Oil Company, Incorporated. Method and apparatus for hydrocarbon conversion. 2,574,503, Nov. 13.
Simpson, Tom B., McAllen, Tex. Dispensing hopper for distributing machines. 2,550,303, Apr. 24.
Simpson, Walter M., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Air conditioning. 2,548,448, Apr. 10.
Simpson, Walter M., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Evaporative water cooler. 2,562,827, July 31.
Simpson, William F., Louisville, Ky., assignor, by mesne assignments, to Minneapolis-Moline Company. Spring trip standard for cultivators. 2,565,668, Aug. 28.
Simrell, John B., Chicago, Ill. Portable steamer for shaping millinery. 2,538,129, Jan. 16.
Sims, Charles R.: *See*—
McMath, Marl, Henning, and Sims.
Sims, H. W., assignee: *See*—
Talbot, David B.
Sims, John C., Jr.: *See*—
Eckert, John P., Jr., Sims, and Auerbach.
Sims, Lillian, Brooklyn, N. Y. Hideaway skirt for kitchen sinks. 2,546,478, Mar. 27.
Sims, Marion W., Fort Wayne, Ind., assignor to General Electric Company. Gap bridging lamination for noise reduction in magnetic structures. 2,550,501, Apr. 24.
Sims, Redding: *See*—
Rogers, John C., and Sims.
Sims, William O.: *See*—
Allen, Howard G., Sims, and Ebert.
Šimůnek, Josef J.: *See*—
Šimůnek, Josef K., and J. J.
Šimůnek, Josef K. and J. J., Ricany, near Prague, Czechoslovakia. Recording chessboard. 2,543,339, Feb. 27.
Sinclair, Arthur A., assignee: *See*—
Castle, James B., Jr., and Sinclair.
Sinclair, Charles W., assignor to Kelsey-Hayes Wheel Company, Detroit, Mich. Track shoe. 2,548,626, Apr. 10.
Sinclair, Charles W., assignor to Kelsey-Hayes Wheel Company, Detroit, Mich. Rim. 2,548,627, Apr. 10.
Sinclair, Frank E., Endwell, N. Y., assignor to Joy Manufacturing Company. Pressure fluid motor. 2,566,377, Sept. 4.
Sinclair, George W.: *See*—
Johnston, Blaine, Luirette, and Sinclair.
Sinclair, George W., Los Angeles, assignor to M. O. Johnston, Glendale, Calif. Unibolt coupling. 2,565,744, Aug. 28.
Sinclair, Harold, London, England. Disengageable coupling for conveying rotary motion. 2,536,473, Jan. 2.
Sinclair, Harold, London, England. Power-transmission mechanism. 2,559,740, July 10.
Sinclair, James A., and R. P. Willard, Elmira, N. Y. Needle pulling device for hand sewing. 2,544,282, Mar. 6.
Sinclair Refining Company, assignee: *See*—
Bauer, Oscar W., and Teter.
Beckberger, La Vern H.
Birkin, Kenneth W.
Gardner, Robert H.
Gulette, Willis S.
Joanen, Miles A.
Kaasa, Orin G.
Kuhn, George F.
Kuhn, Herman C.
Latier, Harold E., and Watkins.
May, Robert L.
Moon, Lewis B.
Norris, Richard O.
Olson, Leonard E.
Pelzer, Harry L.
Pelzer, Harry L., and Watson.
Sinclair Refining Company, assignee: *See*—Continued.
Piros, John J.
Shand, Edwin W.
Smith, Reading B.
Teter, John W.
Teter, John W., and Mostek.
Verley, Guy M.
Watkins, Franklin M.
Watson, Kenneth M.
Wilcox, Marion J.
Young, Hobert D.
Sinclair Research Laboratories, Inc., assignee: *See*—
Piros, John J., and Glover.
Sinclair and Valentine Co.: *See*—
Cramer, George.
Sinclaire, Francis S., Brooklyn, N. Y. Motor control for rotary tool machines. 2,563,497, Aug. 7.
Sindelar, Joseph, assignor of one-half to J. Ferguson, Dover, Idaho. Winding machine. 2,546,908, Mar. 27.
Sinden, Alfred D.: *See*—
Johns, Henry S. and W. H., and Sinden.
Sinden, Alfred D., Aurora, Ill., assignor to Stephens-Adamson Mfg. Co. Apparatus having rotatable means for feeding aeratable powdered material from storage and dispensing such material. 2,574,231, Nov. 6.
Sindreu Daroca, Salvador: *See*—
Jutglar Parés, José, and Sindreu Daroca.
Singel, John B., Catonsville, Md., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Single side-band demodulator system. 2,571,957, Oct. 16.
Singer, David L., Brooklyn, N. Y. Spacing gauge for buttonholes. 2,560,705, July 17.
Singer, Frederick D., Saginaw, Mich., assignor to International Mutoscope Corporation, Long Island City, N. Y. Photographic strip developing apparatus. 2,553,014, May 15.
Singer, Grover C., Brownsville, Tex. Blowout protector for oil and gas wells. 2,552,226, May 8.
Singer, Harold H., assignee: *See*—
Ellefson, Theodore R.
Singer, Henry, Honolulu, Territory of Hawaii. Sounding toy. 2,558,588, June 26.
Singer, Joseph, Hart, Mich. Belt support structure and forming same. 2,550,647, Apr. 24.
Singer, Louis S., New York, N. Y. Bolt-action firearm. 2,543,604, Feb. 27.
Singer Manufacturing Company, The, assignee: *See*—
Breul, Fredric W.
Chason, Daniel H.
Davidson, William A.
Enos, John P.
Graesser, David A.
Graesser, David A., and Matuzas.
Hacklander, Hans.
Hale, Arthur N.
Hayes, Frank A.
Hoffmeister, Robert L.
Johnson, Ralph E.
Karle, John D.
Langille, Wilfred O.
McCann, Michael.
McDerment, Matthew C.
Palmer, Ralph F.
Peets, Wilbur J.
Pinkvoss, Berthold P.
Plopper, George J.
Reid, Orland B.
Ritter, Herman.
Smith, Floyd T.
Snyder, Ellsworth B.
Spaine, Edward P.
Trickey, Philip H.
Turner, Edgar P.
Vollman, Joseph, and Gunther.
Weber, Max E.
Singer, Otto, London, England. Traveling endless track. 2,575,845, Nov. 20.
Singer, Robert H., Pittsburgh, Pa. Screw propelled plow 2,574,353, Nov. 6.
Singer, Rockie M., North Topeka, Kans. Handy wagon for transporting heavy articles. 2,575,846, Nov. 20.
Singher, Heron O., Redhook, N. Y., and C. R. Harmison, Somerville, N. J., assignors to Ortho Pharmaceutical Corporation. Novel method of treating products containing specific type AB substances. 2,576,151, Nov. 27.
Single, Ernest L.: *See*—
Smid, James, and Single.
Singleton, Clifford L., assignor to General Developers Company, Atlanta, Ga. Cataloguing machine. 2,573,814, Nov. 6.
Singleton, Henry E., Cambridge, Mass., assignor to International Standard Electric Corporation, New York, N. Y. Harmonic amplitude selector for signaling systems. 2,553,610, May 22.
Singleton, Lester D., Rutland, Vt., assignor to The Howe Scale Company. Recording scale. 2,577,820, Dec. 11.
Singleton, William W., assignor to Bendix Aviation Corporation, Detroit, Mich. Rivet. 2,545,752, Mar. 20.
Singmaster & Breyer, assignee: *See*—
Finkeldey, William H., and Edes.
Sink, Robert L., Altadena, Calif., assignor to General Electric Company. Sweep wave generating circuits. 2,570,875, Oct. 9.

Sink, Robert L., Altadena, assignor to Consolidated Engineering Corporation, Pasadena, Calif. Capacitor. 2,575,364, Nov. 20.
Sinkler, Arthur B., and E. Van Haaften, assignors to Hamilton Watch Company, Lancaster, Pa. Pallet stone setting tool. 2,564,650, Aug. 14.
Sinkovitz, Joseph, assignor to Miller Printing Machinery Co., Pittsburgh, Pa. Inking mechanism. 2,561,423, July 24.
Sinner, John B., and O. A., San Diego, Calif. Fastener for crypt fronts. 2,574,938, Nov. 13.
Sinner, Martin, Spring Valley, Calif. Swivel pipe coupling. 2,561,757, July 24.
Sinner, Oscar A.: *See*—
Sinner, John B., and O. A.
Sinnett, Chester M., Westmont, and H. Belar, Palmyra, N. J., assignors to Radio Corporation of America. Stereophonic sound system for recordings. 2,536,664, Jan. 2.
Sinnett, Chester M., Westmont, and H. Belar, Palmyra, N. J., assignors to Radio Corporation of America. Reproducer stylus tracking device. 2,536,892, Jan. 2.
Sinoff, Harry, assignee: *See*—
Kramer, Irving, and Rowe.
Sinos, John E.: *See*—
Springborn, Fritz, and Sinos.
Sintering Machinery Corporation, assignee: *See*—
Rowen, Harold E.
Sintetos, Nicholas D., San Bernardino, Calif. Pocket lighter. 2,568,091, Sept. 18.
Sinton, James H., Colorado Springs, Colo. Plastic bow tie. 2,578,269, Dec. 11.
Sip, Karel, Slany, Czechoslovakia. Foldable ladder. 2,567,302, Sept. 11.
Sipkin, George, Washington, D. C. Raft holding and release apparatus. 2,559,682, July 10.
Sipkin, George, Washington, D. C. Discharge head and grip for portable fire extinguishers. 2,564,733, Aug. 21.
Sipkin, George, and E. B. Amey, Washington, D. C. Ship's rubber tire fender. 2,562,957, Aug. 7.
Siple, Paul A.: *See*—
Ionides, Margaret L., and Siple.
Siple, Paul A., United States Army, Arlington, Va. Belt fastener. 2,574,502, Nov. 13.
Siptrott, Paul, New York, N. Y. Inkstand. 2,536,144, Jan. 2.
Siracusa, Dante A., Huntington Beach, Calif. Oil well fishing spear. 2,539,039, Jan. 23.
Siracusa, Dante A., Huntington Beach, Calif. Fishing tool. 2,553,985, May 22.
Sire, Edouard M., New York, N. Y. Skee-ball game apparatus. 2,578,375, Dec. 11.
Siren, Anne, deceased, by L. S. Geist, administratrix, Haverford, Pa. Pincushion and implement holder. 2,547,669, Apr. 3.
Sirius Corporation, The, assignee: *See*—
Price, Nathan C.
Sirmay, Julius, assignor to The Ordnance Gauge Company, Philadelphia, Pa. Transfer needle. 2,575,365, Nov. 20.
Sisco, Alexander, assignor to Shurbite Inc., Bronson, Mich. Fish lure. 2,565,049, Aug. 21.
Sisco, William E.: *See*—
Medcalf, Eugene C., and Sisco.
Vriens, Gerard N., Sisco, and Medcalf.
Sissler, Donald L., assignor to Keenline Equipment Corporation, Oshkosh, Wis. Roller lubricator for the surface of conveyer belts. 2,541,301, Feb. 13.
Sissman, Louise, trustee, assignee, administratrix: *See*—
Cohen, Louis.
Sisson, Kenneth O., Oakwood, assignor to General Motors Corporation, Dayton, Ohio. Sequential regulating device. 2,549,025, Apr. 17.
Sisson, Lowell, Hampton, Va. Rotary pump and motor hydraulic transmission. 2,556,378, June 12.
Sisson, Wayne A.: *See*—
Kulp, Maurice P., and Sisson.
Sisson, Wayne A., Silverside, and M. M. Cruz, Jr., assignors to American Viscose Corporation, Wilmington, Del. Manufacture of articles comprising cellulose. 2,538,279, Jan. 16.
Sisto, Thomas J., Alhambra, Calif. Barbecue stove. 2,573,115, Oct. 30.
Sitek, Mary, Detroit, Mich. Scouring mitt. 2,550,092, Apr. 24.
Sites, Benjamin L., Elmhurst, assignor, by mesne assignments, to Miehle Printing Press and Manufacturing Company, Chicago, Ill. Color facsimile system. 2,567,240, Sept. 11.
Sitterly, Charles K.: *See*—
Adams, Paul L., Norman, and Sitterly.
Sittner, George H., Schenectady, N. Y., assignor to General Electric Company. Apparatus for purifying metals. 2,550,502, Apr. 24.
Sitzer, Philip, Irvington, and J. W. Welsh, South Amboy, assignors to Tung-Sol Lamp Works Inc., Newark, N. J. Control means. 2,537,485, Jan. 9.
Sivacek, Emil E., assignor to King-Seeley Corporation, Ann Arbor, Mich. Windshield wiper mechanism. 2,538,432, Jan. 16.
Sivacek, Emil E., assignor to King-Seeley Corporation, Ann Arbor, Mich. Windshield wiper mechanism. 2,544,807, Mar. 13.
Sivacek, Emil E., assignor to King-Seeley Corporation, Ann Arbor, Mich. Windshield wiper mechanism. 2,574,504, Nov. 13.
Sivey, Delia I.: *See*—
Sivey, William F. and D. I.
Sivey, William F. and D. I., Tecumseh, Nebr. Artificial fly. 2,547,788, Apr. 3.
Sivitz, Aaron, Columbus, Ohio, and P. L. Ruby, Jackson, Mich., assignors to Curtiss-Wright Corporation. Aircraft control system. 2,556,345, June 12.
Sivley, Garland A., Quakertown, Pa., assignor of three-fourths to E. Reich, Forest Hills, N. Y. Griddle suspending and actuating mechanism. 2,547,982, Apr. 10.
Six, Walter J., Indianapolis, Ind. Piston expander. 2,558,224, June 26.
Six Wheels, Inc., assignee: *See*—
Collender, Gustave A.
Six, Willem: *See*—
Jonker, Johan L. H., and Six.
Sjöberg, Edvin, Mariehall, near Stockholm, Sweden. Liquid piston air compressor. 2,564,548, Aug. 14.
Sjoboen, George W., San Diego, Calif. Actuating and counterbalancing mechanism for overhead horizontally hinged closures. 2,540,761, Feb. 6.
Sjolander, John L., assignor to Cleveland Wire Spring Company, Cleveland, Ohio. Spring dampener. 2,559,903, July 10.
Sjolin, Harry H., Oak Park, Ill., assignor to Continental Can Company, Inc., New York, N. Y. Dispensing valve unit for volatile products. 2,579,977, Dec. 25.
Sjöstrand, Bror E.: *See*—
Brange, Lennart B. V., and Sjöstrand.
Sjostrom, John W.: *See*—
Pettengill, Ralph H., and Sjostrom.
Sjostrom, Robert L., Andover, Mass. Sheet tearing device. 2,538,984, Jan. 23.
Sjostrom, Robert L., Andover, Mass. Sheet folding machine. 2,545,798, Mar. 20.
Skaer, Evelyn L., Chevy Chase, Md. Baby seat carrier. 2,537,864, Jan. 9.
Skaggs, Charles M., deceased, Memphis, Tenn., L. B. Skaggs, executrix of said C. M. Skaggs. Awning. 2,572,821, Oct. 23.
Skaggs, Lula B., executrix: *See*—
Skaggs, Charles M.
Skaggs, Mansfield F.: *See*—
McMain, Albert T., Malesky, and Skaggs.
Skalka, David, New York, N. Y. Navigational aid device. 2,565,745, Aug. 28.
Skamser, Clarence M., Superior, Wis. Drawer guide. 2,559,322, July 3.
Skar, John G. L., assignor to Art Metal Construction Company, Jamestown, N. Y. Shelf bracket. 2,551,062, May 1.
Skarnes Engineering & Supply, Inc., assignee: *See*—
Montour, Arthur H.
Skauge, Arthur A., assignee: *See*—
Nicholson, Charles D.
Skeel, John W., North Girard, Pa., assignor to True Temper Corporation. Rail anchor. 2,551,507, May 1.
Skeel, John W., North Girard, Pa., assignor to True Temper Corporation. Rail anchor. 2,551,508, May 1.
Skeel, Lewis, assignor to R. W. Thomas, Meadville, Pa. Wedge clamp mechanism. 2,547,789, Apr. 3.
Skeels, Simon C., Scarsdale, assignor to Remington Rand Inc., Buffalo, N. Y. Visible index. 2,579,765, Dec. 25.
Skeem, Christian S., Buhl, Idaho. Land leveler. 2,543,943, Mar. 6.
Skeeters, Maxwell J., Fairport Harbor, and W. J. Esselstyn, Painesville, assignors to Diamond Alkali Company, Cleveland, Ohio. Stabilized tetrachloroethylene composition. 2,567,621, Sept. 11.
Skehan, Joseph W., Stamford, and T. H. Rogers, New Canaan, assignors to Machlett Laboratories, Incorporated, Springdale, Conn. Electron discharge tube. 2,569,872, Oct. 2.
Skeist, Irving: *See*—
Irany, Ernest P., Skeist, and Maturi.
Skellern, John: *See*—
Chamberlin, Reginald H. D., Wynne, and Skellern.
Skellett, Albert M., Madison, N. J., assignor to Bell Telephone Laboratories, Incorporated, New Yerk, N. Y. Dielectric lens. 2,547,416, Apr. 3.
Skellett, Albert M., Madison, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electric discharge device for high-frequency oscillations. 2,567,406, Sept. 11.
Skelley, Arthur E., assignor to Franklin Equipment Company, Monticello, Iowa. Basket handle. 2,557,895, June 19.
Skelly, James J., Cleveland Heights, Ohio. Removable strip flexible closure. 2,557,617, June 19.
Skelly, John S., Monongahela, Pa., assignor, by mesne assignments, to Combustion Engineering-Superheater, Inc. Underfeed stoker, including a fuel feeder preventing fuel drag-back. 2,549,252, Apr. 17.
Skelton, Andrew C., St. Louis, Mo. Rotary cutter for planers and jointers. 2,549,251, Apr. 17.
Skelton, Dennis E., London, England, assignor to International Standard Electric Corporation, New York, N. Y. Electroacoustic diaphragm coupling. 2,539,488, Jan. 30.
Skelton, Edgar H., Blackwell, Okla. Loading elevator for bales, crates, and the like. 2,549,990, Apr. 24.

Skelton, William E.: *See*—
Arnold, George B., and Skelton.
Skene, Roy W., Rouyn, Quebec, Canada. Sound reproducing system. 2,546,278, Mar. 27.
Skeoch, Donald H., Alexandria, Ind., assignor to Johns-Manville Corporation, New York, N. Y. Method and apparatus for severing sections from compressible materials. 2,565,400, Aug. 21.
Skerl, Rudolph F.: *See*—
Kraeft, Herman L., Walters, and Skerl.
Skiatron Electronics and Television Corporation, assignee: *See*—
Rosenthal, Adolph H.
Skibbe, Harold A.: *See*—
Skibbe, Henry and H. A.
Skibbe, Henry and H. A., Eau Claire, Mich. Spreader for seed and fertilizer. 2,538,886, Jan. 23.
Skidmore, Clara V., Chicago, Ill. Hanger. 2,549,026, Apr. 17.
Skidmore, Frank O., Cuyahoga Falls, Ohio. Brush and beater roll for vacuum cleaners. 2,574,128, Nov. 6.
Skidmore, Wallace E., R. P. Person, and F. Terdina, Seattle, Wash., assignors to Boeing Airplane Company. Actuating screws. 2,569,542, Oct. 2.
Skilbeck, Gerald W., Kenosha, Wis. Humidifier. 2,551,708, May 8.
Skilling, Edwin E., assignor to International Tool Corporation, Chula Vista, Calif. Apparatus for attaching and detaching machine parts. 2,547,345, Apr. 3.
Skillman, Edward, assignor to The J. B. Ehrsam & Sons Manufacturing Co., Enterprise, Kans. Rotary lath punch drive. 2,561,826, July 24.
Skillman, Thomas S., Mosman, assignor to Punch Engineering Pty. Ltd., Cammeray, near Sydney, Australia. Carrier system signaling circuits. 2,564,378, Aug. 14.
Skillman, Thomas S., Mosman, assignor to Punch Engineering Pty. Limited, Commeray, neary Sydney, New South Wales, Australia. Storage system. 2,575,847, Nov. 20.
Skillman, Thomas S., Mosman, and A. D. Lackey, McMahon's Point, assignors to Communication Engineering Pty. Limited, Cammeray, near Sydney, New South Wales, Australia. Value indication for article dispensing systems. 2,567,241, Sept. 11.
Skilsaw, Inc., assignee: *See*—
Benjamin, Allen.
Forss, Frithiof P.
Wilson, Harry R.
Skinner, Barney L., New Orleans, La. Flush cutting portable power-driven saw. 2,566,778, Sept. 4.
Skinner, Charles H.: *See*—
Turrall, George, and Skinner.
Skinner, Charles H., London, England, assignor to R. Hoe & Co., Inc., New York, N. Y Sheet deflecting mechanism. 2,563,498, Aug. 7.
Skinner Chuck Company, The, assignee: *See*—
Goepfrich, George A.
Harris, Dwight E.
McPherson, Hal W.
Skinner, Claude M., Ellicott City, assignor to Koppers Company, Inc., doing business as Bartlett Hayward Division, Baltimore, Md. Profiling machine. 2,547,670, Apr. 3.
Skinner, Davis A., Compton, and E. L. Wampler, Anaheim, assignors to Union Oil Company of California, Los Angeles, Calif. Pest control compositions and producing them. 2,557,519, June 19.
Skinner, Davis A., Compton, and E. L. Wampler, Anaheim, assignors to Union Oil Company of California, Los Angeles, Calif. Pesticidal compositions comprising an alkyl aryl sulfide. 2,557,520, June 19.
Skinner Engine Co., assignee: *See*—
Mueller, Herman G.
Skinner, Harold A., New Carlisle, Ohio. Popping corn. 2,577,666, Dec. 4.
Skinner Irrigation Company, The, assignee: *See*—
Coles, Walter H.
Skinner, John R.: *See*—
Davis, Orris L., Knight, and Skinner.
Skinner & Kennedy Company, assignee: *See*—
Longhenrich, Walter M.
Skinner, Leslie A., Berkeley, Calif., and J. A. Folse, Miami, Fla., assignors to the United States of America as represented by the Secretary of War. Spring actuated generator for rocket launchers. 2,557,151, June 19.
Skinner, Leslie A., Fort Leavenworth, Kans. Toy spring rocket launcher. 2,563,969, Aug. 14.
Skinner, M. T., Weatherford, Tex. Trailer hitch. 2,551,709, May 8.
Skinner, Robert E., Lakewood, and G. H. McIntyre, Cleveland Heights, assignors to Ferro Enamel Corporation, Cleveland, Ohio. Electric enamel furnace. 2,559,683, July 10.
Skipper, Edward M., Baltimore, Md., assignor to General Electric Company. Pugmill. 2,572,063, Oct. 23.
Skivesen, Kristian, Flourtown, assignor to Selas Corporation of America, Philadelphia, Pa. Billet heating apparatus. 2,566,096, Aug. 28.
Skjeveland, Arnold, Stewart Manor, N. Y. Boat cover. 2,542,586, Feb. 20 .
Sklaar, Richard, Rochester, N. Y., assignor, by mesne assignments, to K. & S. Corp., Baltimore, Md. Garment hanger. 2,543,810, Mar. 6.
Sklarek, Clifford, Los Angeles, Calif. Adjustable light mounting. 2,536,233, Jan. 2.
Sklarek, Clifford, Los Angeles, Calif. Fog light mounting. 2,536,234, Jan. 2.
Sklarsky, Daniel, Brooklyn, N. Y. Apparatus for molding doll components. 2,557,014, June 12.
Sklavenitis, William, Geneva, Ill. Food supporting cradle. 2,569,262, Sept. 25.
Sklenar, Wenzeslaw F.: *See*—
Sayer, Bert, and Sklenar.
Sklovsky, Max, Moline, and I. D. Maxon, Highland Park, Ill. Garden tractor. 2,572,399, Oct. 23.
Skoda Works, National Corporation, assignee: *See*—
Douša, Jaroslav.
Skodaworks Plzen, The: *See*—
Bašus, Jiří.
Skold, John F., Chicago, Ill. Fan wheel with arcuate blade forming strips. 2,552,651, May 15.
Sköld, Karl W., Ramnas, Sweden. Swivel. 2,574,800, Nov. 13.
Skolfield, William K., Bridegport, Conn., assignor to General Electric Company. Mounting for fan blades. 2,558,589, June 26.
Skolnik, Sol, Inyokern, Calif., and G. L. Bridger, Ames, Iowa, assignors to Tennessee Valley Authority. Stabilizing red phosphorus. 2,559,684, July 10.
Skomars, Emanuel T.: *See*—
Pangburn, Kenneth R., and Skomars.
Skony, Sigmund J., assignor to Hermetic Terminal Division of Van Engineering Company, Cincinnati, Ohio. Electrical connector with tang and groove interlock. 2,559,174, July 3.
Skoog, John A., Grastorp, Sweden. Cutting nippers. 2,550,874, May 1.
Skoog, Per F., Olympia, Wash. Patching plywood. 2,536,665, Jan. 2.
Skoog, Per F., Olympia, Wash. Core assembly machine. 2,537,918, Jan. 9.
Skoog, Per F., Olympia, Wash. Apparatus for handling fish preparatory to canning. 2,541,442, Feb. 13.
Skoog, Per F., Olympia, Wash. Producing composite boards. 2,572,772, Oct. 23.
Skooglund, Arthur C., Woodmont, Conn., assignor to Standard Oil Development Company. Glass molding lubricant. 2,549,535, Apr. 17.
Skowronski, Stanislaus, Metuchen, and M. A. Mosher, Woodbridge, N. J., assignors to International Smelting and Refining Company. Electrolytic refining of copper. 2,556,635, June 12.
Skrandel, Frank, Chicago, Ill. Laundry net closure marker. 2,564,629, Aug. 14.
Skrastin, Frederick J., Jr., Butte, Mont. Surveyor's illuminated backsight. 2,538,475, Jan. 16.
Skreberg, Hans, Big Bend Township, Chippewa County, Minn. Rotatable floor. 2,540,013, Jan. 30.
Skreberg, Hans, Big Bend Township, Chippewa County, Minn. Collapsible bin. 2,553,728, May 22.
Skromme, Arnold B., assignor to Pineapple Research Institute of Hawaii, Honolulu, Territory of Hawaii. Portable automatic-tension grinder. 2,573,501, Oct. 30.
Skudre, Arnold M., Quincy, assignor to Raytheon Manufacturing Company, Newton, Mass. Window mounting. 2,577,783, Dec. 11.
Skuttle Manufacturing Company, assignee: *See*—
Bottum, Edward W.
Sky, Matthew M., Chicago, Ill. Truss for hernia. 2,566,148, Aug. 28.
Skydyne, Inc., assignee: *See*—
Mautner, Steven E.
Skytte, Ernst, Copenhagen, Denmark, assignor to American Relay-Welder Company, Newark, N. J. Apparatus for electric arc-welding. 2,536,999, Jan. 2.
Slack & Parr Limited, assignee: *See*—
Barrington, Tom F.
Slack, Fred F.: *See*—
Higinbotham, William A., and Slack.
Slack, Frederic W., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Automobile bumper guard for vehicle jacks. 2,556,006, June 5.
Slack, Frederick F.: *See*—
Berger, France B., and Slack.
Slack, Howard N., Los Angeles, Calif. Overload protective device. 2,536,319, Jan. 2.
Slade, Martin A., Jr., and R. D. Gerwe, Lakeland, Fla., assignors to Food Machinery and Chemical Corporation, San Jose, Calif. Controlling stem end decay of citrus fruits. 2,578,752, Dec. 18.
Slagh, Harold R.: *See*—
Britton, Edgar C., and Slagh.
Slaght, William W., Rocky River, assignor to Cleveland Steel Products Corporation, Cleveland, Ohio. Universal coupling. 2,577,692, Dec. 4.
Slagle, Clarence P., Selah, Wash. Article orienting mechanism. 2,572,773, Oct. 23.
Slagle, William R., Harriman, Tenn. Lubricating attachment for knitting machines. 2,556,007, June 5.
Slama, Richard, Philadelphia, Pa. Filtering apparatus. 2,553,387, May 15.
Slane, John, San Antonio, Tex. Heating and cooling system for buildings. 2,564,215, Aug. 14.

Slangal, Joseph, Scio, Oreg. Apparatus for wrapping string about supporting wires. 2,541,302, Feb. 13.
Slanhoff, Bertram, New York, assignor to Corro-Lith Corporation, Long Island City, N. Y. Display stand. 2,571,301, Oct. 16.
Slasor, Nicholas R., and J. Cuddy, assignors to The Manitoba Bridge and Iron Works Limited, Winnipeg, Manitoba, Canada. Vehicle hoist. 2,543,340, Feb. 27.
Slater, Alexander, West Saint Kilda, Victoria, Australia. Ship hoist. 2,559,832, July 10.
Slater, Elizabeth: *See*—
Selten, Bernard A., and Slater.
Slater, Fred M., Phillipsburg, N. J., assignor to Ingersoll-Rand Company, New York, N. Y. Extensible support for rock drills. 2,555,515, June 5.
Slater, Gilbert, Frecheville, near Sheffield, England, assignor to M. Horowitch, C. H. Ackley, Binghamton, and H. Horowitz, Buffalo, N. Y. Method and machine for playing disk type phonograph records. 2,557,015, June 12.
Slater, William L., Jr., Alhambra, Calif., assignor to The Texas Company, New York, N. Y. Addition of a desiccant to a fluidized iron reduction process. 2,550,609, Apr. 24.
Slater, William W.: *See*—
Gardiner, Donald W., and Slater.
Slates, Harry L.: *See*—
Wendler, Norman L., and Slates.
Slathar, Arthur, Minneapolis, assignor, by mesne assignments, to Minneapolis-Moline Company, Hopkins, Minn. Punch press control and feed mechanism. 2,548,562, Apr. 10.
Slaton, Donald E.: *See*—
Mead, Ralph K., and Slaton.
Slattery, Edward J., Washington, D. C. Collapsible hose coupling. 2,547,983. Apr. 10.
Slaughter, Charles E., New Canaan, assignor to Extruded Plastics, Inc., Norwalk, Conn. Light diffusing thermoplastic tube to encircle an elongated lighting element. 2,551,710, May 8.
Slaughter, Charles E., New Canaan, Conn. Ampoule package. 2,555,863, June 5.
Slaughter, Charles E., New Canaan, Conn. Method and apparatus for packaging and package. 2,575,138, Nov. 13.
Slaughter, Gibbs M., and G. Puls, Fort Worth, Tex. Cooling tower. 2,571,958, Oct. 16.
Slaughter, Philip E.: *See*—
Eckenbeck, Dana C., and Slaughter.
Eckenbeck, Dana C., Slaughter, and Madden.
Slaughter, Walter H., Jr., San Diego, Calif. Dental device. 2,540,555, Feb. 6.
Slauson, Stephen A., Cedar Rapids, Iowa. Meat tenderizer. 2,554,646, May 29.
Slauth, John M., Escondido, Calif. Trap. 2,573,228, Oct. 30.
Slavens, Orvel C., Long Beach, assignor to National Lead Company, Los Angeles, Calif. Device for holding wipers. 2,548,127, Apr. 10.
Slavens, Wayne E.: *See*—
Jones, Frank D., Slavens, and Woolsoncroft.
Slavicek, George, Oak Park, Ill., assignor to International Harvester Company. Blower pipe access door. 2,564,930, Aug. 21.
Slawson, Stewart I., Lorton, Va. Seed for crystal growing. 2,543,071, Feb. 27.
Slawson, William H., assignor to F. M. Wilson, Buffalo, and P. H. Thomas, Hamburg, N. Y. Bathtub protective covering. 2,575,236, Nov. 13.
Slaymaker, Frank H., Rochester, N. Y., assignor to Stromberg-Carlson Company. Electroacoustic transducer. 2,567,407, Sept. 11.
Slaymaker, Frank H., Rochester, N. Y., assignor to Stromberg-Carlson Company. Ultrasonic distance-measuring system. 2,574,596, Nov. 13.
Slaymaker, Frank H., and W. F. Meeker, assignors to Stromberg-Carlson Company, Rochester, N. Y. Sawtooth multivibrator circuit. 2,536,822, Jan. 2.
Slaymaker, Frank H., W. F. Meeker, and L. L. Merrill, Rochester, N. Y., assignors to Stromberg-Carlson Company. Diaphragm mounting. 2,541,944, Feb. 13.
Slaymaker, William H. G., Holland, Ohio. Wheel attachment for vehicle jacks. 2,546,909, Mar. 27.
Slayter, Games, and E. Fletcher, Newark, assignors to Owens-Corning Fiberglas Corporation, Toledo, Ohio. Method and apparatus for mixing glass. 2,577,213, Dec. 4.
Slayter, Games, Newark, Ohio, assignor to Owens-Corning Fiberglas Corporation. Glass mat for reinforcing plastics. 2,577,214, Dec. 4.
Slayton, Ransom D., Lombard, assignor to Teletype Corporation, Chicago, Ill. Electronic multiplex to start-stop extensor. 2,536,578, Jan. 2.
Slazinik, Henry, assignee: *See*—
Mintner, Corban.
Sleeper, George E., Jr., Berkeley, assignor to Color Television, Inc., San Francisco, Calif. Scanning system for motion picture films. 2,560,994, July 17.
Sleetex Company, Inc., The, assignee: *See*—
Abdelnour, Edward C.
Sleight, Roland E., assignee: *See*—
Kummerlen, Karl.
Slemmons, Charles O., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Traction apparatus for vehicles. 2,541,177, Feb. 13.
Slemmons, Charles O., South Bend, Ind., assignor to The B. F. Goodrich Company, New York, N. Y. Band and pulley structure. 2,560,307, July 10.
Slepian, Joseph, and B. F. Langer, Pittsburgh, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Device for measuring thickness of coatings. 2,554,271, May 22.
Sletzinger, Meyer, Forest Hills, N. Y., and M. Tishler, assignors to Merck & Co., Inc., Rahway, N. J. 1-dimethylamino-2-methyl-3,3-diphenylheximine-4 and preparation thereof. 2,538,130, Jan. 16.
Sletzinger, Meyer, Forest Hills, N. Y., and M. Tishler, Westfield, assignors to Merck & Co., Inc., Rahway, N. J. Preparing 2,2-diphenyl-3-methyl-4-dimethylamino butyronitrile. 2,574,505, Nov. 13.
Sletzinger, Meyer, Forest Hills, N. Y., and M. Tishler, Westfield, assignors to Merck & Co., Inc., Rahway, N. J. 2,2 - diphenyl - 3 - methyl - 4 - methylformamidobutyronitrile. 2,574,506, Nov. 13.
Slezak, Vincent F., Berwyn, Ill. Dispensing device for adhesive tape rolls. 2,560,394, July 10.
Slider, George, Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Differential mechanism. 2,578,155, Dec. 11.
Slifkin, Sam C., Binghamton, assignor to General Aniline & Film Corporation, New York, N. Y. Pyrazolone diazotype couplers. 2,536,398, Jan. 2.
Slifkin, Sam C., Binghamton, assignor to General Aniline & Film Corporation, New York, N. Y. Dyeing of textile materials by the use of light-sensitive diazo salts. 2,537,097, Jan. 9.
Slifkin, Sam C., Binghamton, assignor to General Aniline & Film Corporation, New York, N. Y. Diazotype layer containing three coupling components for neutral black shades. 2,537,919, Jan. 9.
Slifkin, Sam C., Binghamton, assignor to General Aniline & Film Corporation, New York, N. Y. Photographic process for dyeing of textile materials. 2,541,178, Feb. 13.
Slifkin, Sam C., Binghamton, assignor to General Aniline & Film Corporation, New York, N. Y. Multicolor diazotype layers. 2,542,715, Feb. 20.
Slifkin, Sam C., Binghamton, assignor to General Aniline & Film Corporation, New York, N. Y. Multicolor diazotype layers. 2,542,716, Feb. 20.
Slifkin, Sam C., Binghamton, assignor to General Aniline & Film Corporation, New York, N. Y. Diazotype photoprinting material. 2,560,137, July 10.
Slifkin, Sam C., and T. J. Trojnar, Binghamton, assignors to General Aniline & Film Corporation, New York, N. Y. Sulfonamide azo coupling components used in diazo types. 2,537,098, Jan. 9.
Slifkin, Sam C., Binghamton, and J. Sulich, Jr., Endicott, assignors to General Aniline & Film Corporation, New York, N. Y. Masking the odor of ammonia in developing diazotypes. 2,546,791, Mar. 27.
Slind, Milo W., Spokane, Wash. Skull clamp. 2,576,649, Nov. 27.
Slinger, Frank H.: *See*—
Coffey, Samuel, Fairweather, Hathway, and Slinger.
Robson, Alan C., and Slinger.
Slinkard, William C., Chula Vista, and F. L. Duncan, assignors to Solar Aircraft Company, San Diego, Calif. Controlling shrinkage of castings. 2,572,064, Oct. 23.
Slinkman, Roger W.: *See*—
O'Neill, James V., and Slinkman.
Sliwinski, Eugene T., assignor to Telematic Corporation, Chicago, Ill. Float. 2,549,859, Apr. 24.
Sliwinski, Eugene T., assignor to Telematic Corporation, Chicago, Ill. Drive mechanism. 2,577,282, Dec. 4.
Sloan, Arthur M., Waco, Tex. Animal trap. 2,551,908, May 8.
Sloan, David H., Silver Spring, Md., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Electronic tube apparatus embodying a cavity resonator. 2,539,210. Jan. 23.
Sloan, David H., Silver Spring, Md., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Split anode magnetron with tuning ring. 2,554,272, May 22.
Sloan, David H., Berkeley, Calif., assignor to the United States of America as represented by the Secretary of the Army. Resnatron anode with cooling means. 2,557,700, June 19.
Sloan, Harry E., assignor to The Cushman Chuck Company, Hartford, Conn. Chuck-unit with replaceable jaw insert. 2,562,067, July 24.
Sloan, Harry E., Hartford, H. E. Sloan, Jr., West Hartford, and L. B. Swanson, New Britain, assignors to The Cushman Chuck Company, Hartford, Conn. Power-driven chuck-operating means for lathes and other machines. 2,563,970, Aug. 14.
Sloan, Harry E., Hartford, and G. A. Highberg, West Hartford, assignors to The Cushman Chuck Company, Hartford, Conn. Swivel connection for air operated chucks. 2,568,092, Sept. 18.
Sloan, Harry E., Jr.: *See*—
Sloan, Harry E., Harry E. Sloan, Jr., and Swanson.
Sloan, Joseph W., assignor to Clyde Cutlery Co., Clyde, Ohio. Knife having a serrated edge. 2,537,555, Jan. 9.

Sloan Valve Company, assignee: *See*—
Filliung, Jacques J., Jr.
Swartz, James J.
Swartz, James J., and Seaman.
Sloane, Robert W., Detroit, Mich., assignor to Bendix Aviation Corporation, South Bend, Ind. Economizer. 2,569,782, Oct. 2.
Sloane, William W., assignor to Goodman Manufacturing Company, Chicago, Ill. Mechanical miner. 2,565,528, Aug. 28.
Sloatman, William S., Jr.: *See*—
Wohnsiedler, Henry P., and Sloatman.
Slocombe, Robert J.: *See*—
Hardy, Edgar E., and Slocombe.
Slocum, Charles W., assignor to Sperti Faraday Inc., Adrian, Mich. Signal circuit cutout. 2,572,400, Oct. 23.
Slocum, John L.: *See*—
Lewis, Burdette R., and Slocum.
Slodek, Wallace L., Sr., Nashville, Tenn. Leg brace. 2,559,473, July 3.
Slodysko, Andrew J., Shamokin, Pa. Antibacklash sewing-machine bobbin. 2,543,475, Feb. 27.
Sloman, Edmund M., and G. J. Cogan, Detroit, Mich. Vehicle dashboard construction. 2,571,627, Oct. 16.
Slomowitz, Julius, Newark, N. J., and M. Del Conte, Brooklyn, N. Y. Medical bandage. 2,579,403, Dec. 18.
Slonneger, Bruce K., assignor to The National Cash Register Company, Dayton, Ohio. Printed form holder. 2,541,619, Feb. 13.
Slonneger, Bruce K., Dayton, Ohio. Sheet holder. 2,553,948, May 22.
Slonneger, Bruce K., assignor to The National Cash Register Company, Dayton, Ohio. Sales book holder. 2,564,082, Aug. 14.
Slonneger, Bruce K., assignor to The National Cash Register Company, Dayton, Ohio. Sales book holder. 2,568,563, Sept. 18.
Slonneger, Bruce K., assignor to The National Cash Register Company, Dayton, Ohio. Sheet holder. 2,568,564, Sept. 18.
Slonneger, Bruce K., assignor to The National Cash Register Company, Dayton, Ohio. Sheet holder. 2,568,565, Sept. 18.
Slonneger, Bruce K., Dayton, Ohio. Sheet holder. 2,570,397, Oct. 9.
Slonneger, Bruce K., Dayton, Ohio. Holder for sheets. 2,573,114, Oct. 30.
Slonczewski, Thaddeus: *See*—
Felch, Edwin P., Jr., and Slonczewski.
Slooff, Florus C. W.: *See*—
Bourgonjon, Louis R., Horowitz, Kleis, Slooff, van Tol, and Unk.
Slotter, Richard L.: *See*—
Tuomy, Justin M., and Slotter.
Slotterbeck, Ober C.: *See*—
Newberg, Raymond G., Slotterbeck, and Vanderbilt.
Slotterbeck, Ober C., Rahway, and D. W. Young, Roselle, N. J., assignors to Standard Oil Development Company. Producing hydrocarbon resins for coating compositions. 2,554,273, May 22.
Slottman, George V., assignor to Air Reduction Company, Incorporated, New York, N. Y. Removing skulls from metal receptacles. 2,564,037, Aug. 14.
Slover, Archy F., assignor to Kelite Products, Inc., Los Angeles, Calif. Removal of oxides of copper from surfaces of alloys of copper and silver. 2,549,137, Apr. 17.
Slovin, David G., Providence, R. I., assignor to United States Rubber Company, New York, N. Y. Gaseous depinking method. 2,539,334, Jan. 23.
Slowak, Hermann, Montevideo, Uruguay. Reed for circular looms. 2,545,593, Mar. 20.
Sloyan, Michael J.: *See*—
Robles, Enrique, and Sloyan.
Sloyer, Elwood R., Nazareth, Pa. Label gluing and attaching apparatus, especially for association with gluing machines. 2,570,876, Oct. 9.
Sluiter, Gerrit J., Amsterdam, Netherlands. Making fibrous products. 2,575,895, Nov. 20.
Slusser, Juanita R., Pomona, Calif. Diaper. 2,568,305, Sept. 18.
Sluyter, William, Eureka, Calif. Hose uncoupling system. 2,574,668, Nov. 13.
Sly, Leslie W.: *See*—
Doe, Walter P., Sly, and Fisher.
Slyh, John A.: *See*—
Lepp, Jack M.
Small, Augustus B.: *See*—
Kimberlin, Charles N., Jr., and Small.
Thomas, Robert M., and Small.
Small, Augustus B., and G. F. Sellen, Baton Rouge, La., assignor to Standard Oil Development Company. Cleaning isobutylene polymerization apparatus. 2,563,624, Aug. 7.
Small, Chesley T., assignor to Memphis Metal Manufacturing Co., Inc., Memphis, Tenn. Machine for flaring or bending or spinning the edges of openings in sheets of stiff material. 2,545,976, Mar. 20.
Small, Edward F., Newton, assignor to Compo Shoe Machinery Corporation, Boston, Mass. Sole pressing machine. 2,556,402, June 12.
Small, Edward F., Newton, assignor to Compo Shoe Machinery Corporation, Boston, Mass. Machine for operating upon soles. 2,577,370, Dec. 4.
Small, Edward F., Newton, assignor to Compo Shoe Machinery Corporation, Boston, Mass. Preparing outsoles. 2,577,371, Dec. 4.
Small, Elmer C., Neodesha, Kans., assignor, by mesne assignments, to Archer-Daniels Midland Company. Hydraulic lift and dumping device. 2,578,849, Dec. 18.
Small, Elmer C., Neodesha, Kans., assignor, by mesne assignments, to Archer-Daniels Midland Company. Shredding rotor. 2,578,850, Dec. 18.
Small, Everett T., Los Angeles, Calif., assignor to J. D. Adams Manufacturing Company, Indianapolis, Ind. Tamping roller foot. 2,541,007, Feb. 6.
Small, Frederick B., Waterloo, assignor to Seneca Falls Machine Company, Seneca Falls, N. Y. Power actuator with pilot control. 2,569,585, Oct. 2.
Small, Frederick B., Waterloo, assignor to Seneca Falls Machine Company, Seneca Falls, N. Y. Driving mechanism with pilot control. 2,569,586, Oct. 2.
Small, James K., North Tarrytown, N. Y., assignor to Standard Oil Development Company. Fractionation with adsorbents in a single column. 2,548,502, Apr. 10.
Small, Joseph F. S.: *See*—
Allan, Archibald, and Small.
Small, Kathleen W., and P. A. Small, Welwyn, England, assignors to Imperial Chemical Industries Limited. Vinyl chloride polymers plasticized with polyesters. 2,555,062, May 29.
Small, Louis, Detroit, assignor to Service Diamond Tool Company, Ferndale, Mich. Diamond impregnated dressing tool. 2,545,676, Mar. 20.
Small, Percy A.: *See*—
Small, Kathleen W., and P. A.
Smalley, Benjamin F., South Gate, Calif. Hot-line tie-in tool. 2,556,663, June 12.
Smalley, D. M., assignee: *See*—
Reason, Ronald P.
Smalley, Oliver, Larchmont, N. Y., assignor to Meehanite Metal Corporation. Incorporation of additives into molten metal. 2,574,764, Nov. 13.
Smalling, Jack W.: *See*—
Morrow, Morris R., and Smalling.
Smallman, I., and Sons Co., assignee: *See*—
Smallman, Samuel J.
Smallman, Samuel J., Passaic, N. J., assignor to I. Smallman and Sons Co., New York, N. Y. Wallet device with money holding clip. 2,575,030, Nov. 13.
Smardo, Frank: *See*—
Miller, Walter, and Smardo.
Smart, David L., Stafford, assignor to The English Electric Company Limited, London, England. Electric discharge device. 2,573,618, Oct. 30.
Smart, David L., Stafford, assignor to The English Electric Company Limited, London, England. Electric discharge device. 2,573,619, Oct. 30.
Smart, James C.: *See*—
Burrage, Leslie J., and Smart.
Smart, Leslie D., Bournemouth, England, assignor to The Hartford National Bank & Trust Company, Hartford, Conn., trustee. Oscillograph. 2,547,289, Apr. 3.
Smeallie, Robert D., Teaneck, N. J., assignor to The E. J. Willis Company, New York, N. Y. Bearing. 2,538,921, Jan. 23.
Smedslund, Tor H., assignor to Aktiebolaget Centrallaboratorium, Helsingfors, Finland. Method to prepare solutions of gases. 2,539,871, Jan. 30.
Smellie, Donald G., Canton, assignor to The Hoover Company, North Canton, Ohio. Electric toaster. 2,536,776, Jan. 2.
Smeltzer, Raymond F., assignor to Bendix Aviation Corporation, Towson, Md. Squelch circuit. 2,569,348, Sept. 25.
Smessaert, Raymond R., and R. F. Vee, assignors to Teletype Corporation, Chicago, Ill. Silencer for printing telegraph apparatus. 2,553,876, May 22.
Smet, André, assignor to Raffinerie Tirlemontoise, Tirlemont, Belgium. Method and apparatus for contacting solids and liquids. 2,569,199, Sept. 25.
Smethers, Wilbur A.: *See*—
Wright, George W., and Smethers.
Smid, James, Cleveland, and E. L. Single, Maple Heights, Ohio, assignors, by mesne assignments, to McCabe-Powers Auto Body Co., St. Louis, Mo. Retractable step. 2,568,093, Sept. 18.
Šmíd, Otaker, Ostrava-Mar, Hory, assignor to Ostravske Chemicke Zavody, Narodni Podnik, Zavod Dusikarny, Ostrava, Czechoslovakia. Mill for the fine grinding of granular materials. 2,550,168, Apr. 24.
Smida, Luverne R., assignor to J. B. Schwab, Stockton, Calif., doing business as Paramount Manufacturing Co. Unloading conveyer. 2,558,629, June 26.
Smidl, Joseph J., Portland, Oreg. Characteristic accumulator for slide rule cursors. 2,579,019, Dec. 18.
Smidt, Henry F., assignee: *See*—
Fairchild, Wayne K.
Smidt, Louise M., Los Angeles, Calif. Hair setting device. 2,571,773, Oct. 16.
Smidth, F. L., & Co., assignee: *See*—
Ahlmann, Nikolai.
Andersen, Joakim U. F.
Johansen, Jens.
Moller, Poul.
Smigley, Theodore, Philadelphia, Pa. Crib attachment device. 2,554,883, May 29.

Smiley, Eldridge H.: *See*—
Storm, Frederick K., Jr., and Smiley.
Smiley, John B., assignee: *See*—
Foster, Robert B.
Smit, J. K., & Sons, Inc., assignee: *See*—
Bonsall, Edgar C.
Whittaker, Harry, and Kuzmick.
Smit, Jacobus A., Cassel Dale, Springs, Transvaal, Union of South Africa. Emergency means for supplying fuel to internal-combustion engines. 2,561,238, July 17.
Smit, Pieter, assignor to N. V. Octrooien Maatschappij "Activit," Amsterdam, Netherlands. Mixed bed sugar purification. 2,564,820, Aug. 21.
Smith, A. L., Iron Company, assignee: *See*—
Kruger, Michael H.
Smith, A. O., Corporation, assignee: *See*—
Andrus, Orrin E.
Burklin, Adolf J.
Chyle, John J.
Collins, Donley S.
Granberg, Neil B.
Gruetjen, Frederick A.
Higgins, Waldo W.
Lauck, Francis W.
Malmsten, Philip C.
Martin, Wesley G.
Schmitz, Henry A., Jr.
Yost, Lloyd.
Smith, A. O., Electrical Mfg. Co., assignee: *See*—
Sawyer, Marion B., Sr.
Smith, A. P., Manufacturing Company, The, assignee: *See*—
Gaffin, Harry.
Smith, Albert F., and H. B. Stevenson, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Partially hydrolyzed interpolymers of acrylonitrile with vinyl esters and products therefrom. 2,566,255, Aug. 28.
Smith, Albert L., Haskell, Okla. Wire cutter. 2,556,559, June 12.
Smith, Albert P., Ava, assignor, by mesne assignments, to Barker Saw Company, Springfield, Mo. Rim driven circular saw. 2,572,065, Oct. 23.
Smith, Alexander: *See*—
Johnston, Hardee, Jr., and Smith.
Smith, Lucius N. and A.
Smith, Alexander, Sanford, Fla. Wheeled attachment for boats. 2,578,376, Dec. 11.
Smith, Alexander, and L. N. Smith, Montverde, Fla. Mowing machine. 2,539,934, Jan. 30.
Smith, Alexander, Incorporated, assignee: *See*—
Barach, Joseph L.
Pfau, Julius H.
Pfau, Julius H., and Rainard.
Rainard, Leo W.
Taylor, Harold.
Smith, Alexander, & Sons Carpet Company, assignee: *See*—
Mersereau, Emory P., Jr.
Miller, Philip.
Potts, Herbert J.
Smith, Alfred B., Houston, Tex. Supporting casing for collapsible tube, having extruding mechanism for the contents of said tube. 2,570,077, Oct. 2.
Smith, Alice L., assignee: *See*—
Kern, Charles L.
Smith, Allen E., Beacon Falls, Conn., and O. L. Hoffmann, Ames, Iowa, assignors to United States Rubber Company, New York, N. Y. Plant growth regulants and phytocides. 2,556,664, June 12.
Smith, Allen E., Beacon Falls, Conn., and O. L. Hoffmann, Ames, Iowa, assignors to United States Rubber Company, New York, N. Y. Plant growth regulants and phytocides. 2,556,665, June 12.
Smith, Allyne H., assignor to Aeration Processes, Inc., Columbus, Ohio. Sanitary discharge valve for containers holding edible substances, such as whipping cream, under pressure. 2,565,050, Aug. 21.
Smith, Alonzo L., Houston, Tex. Coating press and holiday detector. 2,573,815, Nov. 6.
Smith, Alva, administratrix: *See*—
Smith, Leathem D.
Smith, Leathem D., and Stearn.
Smith, Leathem D., Stearn, and Stone.
Smith, Leathem D., Christianson, Stearn, and Hunt.
Smith, Alvin C., Columbus, Ohio, assignor to Curtiss-Wright Corporation. Aircraft landing gear. 2,538,389, Jan. 16.
Smith, Alvin R.: *See*—
Browder, John G., and Smith.
Smith, Anthony J., Oxford, Nebr. Adjustable wheel dolly for attachment to chairs. 2,556,947, June 12.
Smith, Archibald D., Jr., Amityville, assignor of one-half to United State Television Manufacturing Corporation, New York, N. Y. and one-half to Hyman Hurvitz, Washington, D. C. Signal generator. 2,555,711, June 5.
Smith, Archibald D., Jr., Amityville, and H. M. Guthman, Brooklyn, N. Y., assignors to Federal Telephone and Radio Corporation, Newark, N. J. Radio detection system for finding range and direction. 2,547,051, Apr. 3.
Smith, Arthur C., St. Petersburg, Fla. Submerged oil storage tank. 2,536,320, Jan. 2.
Smith, Arthur D., and G. C. Kobrow, Spokane, Wash., assignors to Kaiser Aluminum & Chemical Corporation, Oakland, Calif. Furnace charging machine. 2,576,974, Dec. 4.
Smith, Arthur E., Los Angeles, Calif. Syringe. 2,538,390, Jan. 16.
Smith, Arthur E., Los Angeles, Calif. Syringe. 2,538,391, Jan. 16.
Smith, Arthur E., Los Angeles, Calif. Combination ampoule syringe. 2,540,461, Feb. 6.
Smith, Arthur E., Los Angeles, Calif. Slicing apparatus. 2,540,462, Feb. 6.
Smith, Arthur F.: *See*—
Carroll, Fred M., and Smith.
Cunningham, James M., and Smith.
Smith, Arthur F., Trenton, N. J. Mount for trailer hitch. 2,549,941, Apr. 24.
Smith, Arthur J., Independence, Mo., and G. Raymond, Oklahoma City, Okla., assignors to Black, Sivalls & Bryson, Inc., Kansas City, Mo. Safety device. 2,536,321, Jan. 2.
Smith, Arthur K., Gloucester, Mass. Combination soda fountain and ice-cream cabinet. 2,560,488, July 10.
Smith, Arthur L. J., Lancaster, Pa., assignor to Radio Corporation of America. Calcium beryllium silicate phosphor. 2,547,790, Apr. 3.
Smith, Arthur L. J., Lancaster, Pa., assignor to Radio Corporation of America. Cerium activated calcium-magnesium silicates. 2,577,161, Dec. 4.
Smith, Austin G., Blaby, Leicester, assignor to Power Jets (Research and Development) Limited, London, England. Measuring or indicating the ratio of two forces and applications thereof to Mach number indicators. 2,542,717, Feb. 20.
Smith, Austin G., Blaby, assignor to Power Jets (Research & Development) Limited, London, England. Apparatus for controlling the position of a shock wave. 2,551,470, May 1.
Smith, Benjamin A., assignor to The C. O. Bartlett & Snow Company, Cleveland, Ohio. Sand treating apparatus. 2,556,486, June 12.
Smith, Benjamin O., St. Augustine, Fla. Artificial bait. 2,575,139, Nov. 13.
Smith, Brook I., Elizabeth, N. J., assignor to Standard Oil Development Company. Weak-acid isopropanol process. 2,541,673, Feb. 13.
Smith Cannery Machines Company, assignee: *See*—
Fonken, William A.
Oates, Norford L.
Smith, Carl A., Ferguson, assignor to Missouri Automatic Control Corporation, St. Louis, Mo. Defrost control for refrigeration systems. 2,543,133, Feb. 27.
Smith, Carl A., Ferguson, assignor to Missouri Automatic Control Corporation, St. Louis, Mo. Defrost control for refrigeration systems. 2,548,324, Apr. 10.
Smith, Carl A., Ferguson, and J. A. Wasser, Kirkwood, assignors to Missouri Automatic Control Corporation, St. Louis, Mo. Electromagnetic valve. 2,547,098, Apr. 3.
Smith, Carl H., Milner, Ga. Nut gatherer. 2,539,596, Jan. 30.
Smith, Carl H., Jr.: *See*—
Hoeppner, Conrad H., and Smith.
Smith, Carl H., Jr., Arlington, Va. Timing circuit. 2,572,891, Oct. 30.
Smith, Carl H., Jr., Arlington, Va. Pulse discriminator system. 2,576,975, Dec. 4.
Smith, Carl M., Easton, Pa., assignor to General Aniline & Film Corporation, New York, N. Y. Preparation of mono-ethers of 1-4-dihydroxynaphthalene. 2,572,822, Oct. 23.
Smith, Carl M., and D. I. Randall, Easton, Pa., assignors to General Aniline & Film Corporation, New York, N. Y. Halomethyl derivatives of dyes of the thioindigo series and obtaining them. 2,545,497, Mar. 20.
Smith, Carl S., Flossmoor, Ill. Method and apparatus for forming filled capsules. 2,568,094, Sept. 18.
Smith, Carleton N.: *See*—
Brimm, Eugene O., and Smith.
Smith, Carleton N., Snyder, F. R. Whaley, Kenmore, and R. H. Wellman, Yonkers, N. Y., assignors, by mesne assignments, to Union Carbide and Carbon Corporation. Fungicidal compositions. 2,573,738, Nov. 6.
Smith, Cecil E., Siloam Springs, Ark. Local oscillator frequency control for superheterodyne receivers and control devices. 2,558,790, July 3.
Smith, Cecil H., assignor to American La France-Foamite Corporation, Elmira, N. Y. Dry powder fire extinguisher 2,541,554, Feb. 13.
Smith, Cecil W., Waterman, Ill. Liquid fuel and air mixing and supply means for oil burners. 2,549,253, Apr. 17.
Smith-Chapman, Inc., assignee: *See*—
Chapman, George E.
Smith, Charles B.: *See*—
Haeff, Andrew V., Smith, and Mellen.
Smith, Charles B., Oak Grove, Va. Convertible automobile airplane. 2,539,489, Jan. 30.
Smith, Charles C.: *See*—
De Ganahl, Carl, Smith, and Romberger.
Smith, Charles J.: *See*—
McIntyre, Brouwer D., Smith and Dutton.

Smith, Charles J., assignor to Monroe Auto Equipment Company, Monroe, Mich. Vehicle suspension system. 2,549,942, Apr. 24.
Smith, Charles M., Silver Spring, Md., dedicated to the People of the United States of America. Powdered DDT concentrate. 2,542,061, Feb. 20.
Smith, Charles M., Vallejo, Calif. Window sash fastener. 2,555,611, June 5.
Smith, Charles W., Plainfield, N. J., assignor to Standard Oil Development Company. Recirculating tank mixing system. 2,559,518, July 3.
Smith, Charles W., Sharon, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Grounding switch operating mechanism. 2,571,960, Oct. 16.
Smith, Charles St. V.: *See*—
Wilmot, Harold, and Smith.
Smith, Chester W., assignor to Detrex Corporation, Detroit, Mich. Protective coating for spray booths. 2,563,499, Aug. 7.
Smith, Clarence C.: *See*—
Christensen, Norman V., and Smith.
Peterson, Albert C., and Smith.
Smith, Clarence C., Flushing, N. Y. Two-film camera. 2,554,349, May 22.
Smith, Clarence E.: *See*—
Wilson, John D., and Smith.
Smith, Clarence E., Houston, Tex. Sidewalk edger and trimmer. 2,568,468, Sept. 18.
Smith, Clifford: *See*—
Cunningham, Burris B., Smith, and Dixon.
Smith, Clifton E.: *See*—
Hill, Eugene F., Smith, and Vaughn.
Smith, Clifton E., Wyandotte, and T. H. Vaughn, Grosse Ile, assignors to Wyandotte Chemicals Corporation, Wyandotte, Mich. Alkyl aryl sulfonate-carboxymethylcellulose-alkaline salt detergent composition. 2,566,501, Sept. 4.
Smith, Cloyd D.: *See*—
Briggs, Stanley M., Driscoll, and Smith.
Driscoll, Frederick T., Smith, and Briggs.
Smith, Clyde J., assignee: *See*—
Wemp, Ernest E.
Smith Control and Instrument Corporation, assignee: *See*—
Smith, Norman J.
Wentworth, Elmer J.
Smith, Cornelius W., Grosse Pointe Farms, and H. Golden, Detroit, Mich., assignors to United States Rubber Company, New York, N. Y. Composition for marking rubber and using composition. 2,560,195, July 10.
Smith, Courtland N., Jr., Glen Ridge, assignor to The Regina Corporation, Rahway, N. J. Rotary disk brush. 2,539,211, Jan. 23.
Smith, Curtis W.: *See*—
Whetstone, Richard R., Smith, and Norton.
Smith, Curtis W., Berkeley, assignor to Shell Development Company, San Francisco, Calif. Cyano-substituted tetrahydropyran compounds and preparation of the same. Re. 23,345, Feb. 27.
Smith, Curtis W., Berkeley, assignor to Shell Development Company, San Francisco, Calif. Polymers of esters of oxygen-heterocyclic carbinols. 2,537,921, Jan. 9.
Smith, Curtis W., Berkeley, assignor to Shell Development Company, San Francisco, Calif. Preparation of 1,5-pentanediols. 2,546,019, Mar. 20.
Smith, Curtis W., Berkeley, assignor to Shell Development Company, San Francisco, Calif. Conjugated aldehyde-secondary amine reaction products. 2,565,529, Aug. 28.
Smith, Curtis W., Berkeley, assignor to Shell Development Company, San Francisco, Calif. Sulfoacetic acid anhydrides and their preparation. 2,566,810, Sept. 4.
Smith, Curtis W., Berkeley, and S. A. Ballard, Orinda, assignors to Shell Development Company, San Francisco, Calif. Production of glutaraldehyde and C-substituted glutaraldehyde from dihydro pyrans. 2,546,018, Mar. 20.
Smith, Curtis W., and D. G. Norton, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Preparing esters of 1,1,3-alkanetriols. 2,552,227, May 8.
Smith, Curtis W., and D. G. Norton, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Diesters of unsaturated dihydric alcohols and preparation of the same. 2,575,896, Nov. 20.
Smith, Dale, Englewood, Ohio. Combined vehicle wheel and fluid motor. 2,539,490, Jan. 30.
Smith, Dale, Englewood, Ohio. Magnetically operated pump. 2,578,902, Dec. 18.
Smith, Dallas V., Ottumwa, Iowa. Blood testing poultry coop. 2,574,765, Nov. 13.
Smith, Dan E., Bartlesville, Okla., assignor to Philips Petroleum Company. Analytical method and apparatus. 2,538,710, Jan. 16.
Smith, Daniel J., Beaumont, Tex. Automatic sentinel for automobile generators. 2,538,476, Jan. 16.
Smith, David J., Dallas, assignor to Varo Mfg. Co., Inc., Garland, Tex. Inverter. 2,575,600, Nov. 20.
Smith, Davis C., Toledo, assignor of 40 percent to E. W. Sauers, 40 percent to A. E. Giesey, Cleveland, and 20 percent to L. I. Oblinger, Toledo, Ohio. Door latch mechanism. 2,576,648, Nov. 27.
Smith, Derek B.: *See*—
Greaves, Charles D., and Smith.
Smith, Dick P., Clinton, N. C., assignor of one-half to A. Barlow, Fairbanks, Alaska. Expansive wrist watch band. 2,558,007, June 26.
Smith, Dillon C., Jr.: *See*—
Keith, James F., and Smith.
Smith, Donald M., Long Beach, Calif., assignor to The Texas Company, New York, N. Y. Coring device. 2,541,785, Feb. 13.
Smith, Donald P.: *See*—
Pöckel, Irving.
Smith, Donald R., Clarksburg, W. Va. Wax carrier and applicator for embalmers. 2,575,431, Nov. 20.
Smith-Douglass Company, Inc., assignee: *See*—
Caldwell, Paul, and Kieffer.
Smith, Earl H., Royalton, Ill. Mine car safety device. 2,538,477, Jan. 16.
Smith, Earl K.: *See*—
Edwards, Donald V., and Smith.
Smith, Earl K., West Orange, assignor to Electrons, Incorporated, Newark, N. J. Tantalum anode for gas filled tubes. 2,538,053, Jan. 16.
Smith, Earl K., West Orange, assignor to Electrons, Incorporated, Newark, N. J. Chromium sulfate coated electrode. 2,538,054, Jan. 16.
Smith, Earl K., West Orange, assignor to Electrons, Incorporated, Newark, N. J. Forming oxide coating on tantalum electrodes. 2,565,004, Aug. 21.
Smith, Edgar F., Springfield, assignor to The A. I. Root Company, Medina, Ohio. Comb foundation. 2,561,147, July 17.
Smith, Edmund G., Cedar Grove, N. J. Filter cloth. 2,551,175, May 1.
Smith, Edmund G., Cedar Grove, and O. M. Cocchiarella, Newark, assignors to Equipment Development Co., Inc., Montclair, N. J. Tube thickener. 2,578,636, Dec. 11.
Smith, Edward D., and W. B. Reilly, Toronto, Ontario, Canada. Compensated radioamplifier for variable load conditions. 2,542,293, Feb. 20.
Smith, Edward F., Oakland, Calif. Osteopathic bed slat. 2,551,976, May 8.
Smith, Edward P., assignor to The Ohio Brass Company, Mansfield, Ohio. Gasproof receptacle. 2,568,518, Sept. 18.
Smith, Edward P., and M. S. Johnson, assignors to Illinois Railway Equipment Company, Chicago, Ill. Pipe anchor. 2,546,792, Mar. 27.
Smith, Edward W., Melrose Highlands, assignor to Vibro Dynamic Engineering, Inc., Boston, Mass. Hydraulic clutch. 2,541,112, Feb. 13.
Smith, Edwin G.: *See*—
Graham, Frank H., and Smith.
Smith, Edwin R., assignor to Seneca Falls Machine Company, Seneca Falls, N. Y. Engaging and driving rotated workpieces. 2,576,704, Nov. 27.
Smith, Ellis, Bradford, England. Air-cooled exhaust silencer. 2,548,563, Apr. 10.
Smith, Ellis, Bradford, S. Naylor, Wibsey, Bradford, and H. J. Maw, Guiseley, England. Fuel economizer and air cleaner for motor vehicles. 2,540,695, Feb. 6.
Smith, Ellsworth M., Baltimore, Md., assignor to The Canton Cast Products Company, Canton, Ohio. Load binder. 2,564,821, Aug. 21.
Smith, Elmer H., assignor to Smith Welding Equipment Corporation, Minneapolis, Minn. Cutting torch. 2,552,873, May 15.
Smith, Elmer L., Longmeadow, N. W. Lyon and C. F. Prince, Springfield, assignors to Package Machinery Company, East Longmeadow, Mass. Machine for forming package wrappers provided with a tearing strip. 2,553,877, May 22.
Smith, Elmer W., Douglaston, assignor to General Merchandising Bureau, Inc., New York, N. Y. Display device. 2,541,303, Feb. 13.
Smith, Elton V., Hot Springs, Ark. Lumber kiln. 2,548,403, Apr. 10.
Smith, Elwood E., Chicago, Ill. Parachute canopy release. 2,574,296, Nov. 6.
Smith, Emerson V., Kalamazoo, Mich. Swimming paddle. 2,569,200, Sept. 25.
Smith & Enander, assignee: *See*—
Enander, Arthur G.
Smith, Esmond W.: *See*—
Dean, John N., and Smith.
Smith, Eston H., assignor to Benjamin D. Aufderheide, Indianapolis, Ind. High-speed wood boring bit. 2,543,206, Feb. 27.
Smith, Eugene A., Dallas, Tex. Testing and adjusting device for internal-combustion engine ignition systems. 2,571,959, Oct. 16.
Smith, Everet F., Chicago, and V. Voorhees, Homewood, assignors to Standard Oil Company, Chicago, Ill. Recovery of organic acids with an amine solvent. 2,568,095, Sept. 18.
Smith, Everett, Odessa, Tex. Marking tool for pipes or the like. 2,569,349, Sept. 25.
Smith, Ezra S., assignor to Metals & Controls Corporation, Attleboro, Mass. Snap-acting control. 2,564,931, Aug. 21.
Smith, F., & Co. (Whitworth) Limited, assignee: *See*—
Leach, Frank, and Sutcliffe.
Smith, F. H., Manufacturing Co., assignee: *See*—
Curtis, Clarence R.
Smith, Fay C.: *See*—
York, Emerson W., and Smith.

Smith, Floyd A., Vicksburg, Mich. Boat fastening apparatus. 2,569,783, Oct. 2.
Smith, Floyd T., Plainfield, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Motor-driven fan unit for use in vacuum cleaners. 2,540,178, Feb. 6.
Smith, Forrest E., Asheville, N. C. Hammer for impact pulverizers. 2,558,107, June 26.
Smith, Forrest H., Kinston, N. C. Tobacco curer with extinguishing means. 2,577,372, Dec. 4.
Smith, Francis H., Woodstown, N. J., assignor to E. I. du Pont de Nemours and Company, Wilmington, Del. Water-dispersible pastes of gas fume fading inhibitors for acetate silk dyes. 2,567,130, Sept. 4.
Smith, Francis J. and W. W., Miami, Fla. Combination cooling and fluid heating unit. 2,562,337, July 31.
Smith, Frank D., Whittier, assignor to International Cementers, Inc., Long Beach, Calif. Cementing plug. 2,560,901, July 17.
Smith, Frank E., assignee: *See*—
Rath, Lee A.
Smith, Frank E., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Immersion heater. 2,556,984, June 12.
Smith, Frank G.: *See*—
Howes, Douglas E., and Smith.
Smith, Frank M.: *See*—
Smith, Leland H. and F. M.
Smith, Franklin D., assignor to Monsanto Chemical Company, St. Louis, Mo. Rodenticide composition. 2,554,756, May 29.
Smith, Franklin D., Webster Groves and J. S. Harris, Richmond Heights, assignors to Monsanto Chemical Company, St. Louis, Mo. Pyrophosphate esters as rodenticides. 2,554,757, May 29.
Smith, Fred J., assignor of twenty-five per cent to M. M. Long, Collinsville, Ill. Spray gun for molten metal. 2,579,707, Dec. 25.
Smith, Fred L., Julesburg, Colo. Beet harvester. 2,538,131, Jan. 16.
Smith, Frederick A., Kenmore, N. Y., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Preparing tetra alkyl orthosilicate. 2,569,784, Oct. 2.
Smith, Frederick E., Cleveland Heights, assignor to Thompson Products, Inc., Cleveland, Ohio. Pump regulator. 2,563,138, Aug. 7.
Smith, Frederick G., Toronto, Ontario, Canada. Color shifting agents and using same. 2,579,020, Dec. 18.
Smith, Frederick T., assignor to M.S.P. (Luxi-Products) Limited, Altrincham, England. Baby carrier. 2,551,509, May 1.
Smith, Frederick W., Allen Park, assignor to Wyandotte Chemicals Corporation, Wyandotte, Mich. Making carboxymethylcellulose of improved soil suspending properties. 2,542,215, Feb. 20.
Smith, Garfield B., Sandusky, Mich. Selective speed control for motor vehicles. 2,553,118, May 15.
Smith Gates Corporation, The, assignee: *See*—
Gates, Franklin M., and Courtney.
Smith, George E., Binghamton, N. Y. L-type binding guide. 2,546,172, Mar. 27.
Smith, George E. P., Jr.: *See*—
Albert, Harry E., and Smith.
Eberly, Kenneth C., Smith, and Albert.
Smith, George E. P., Jr., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. N-isobutenyl-2-benzothiazole sulfenamide. 2,560,021, July 10.
Smith, George E. P., Jr., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. N,N′-piperazino bissulenamides. 2,560,032, July 10.
Smith, George E. P., Jr., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Rubber vulcanization. 2,560,045, July 10.
Smith, George E. P., Jr., Akron, Ohio, and J. A. Shotton, Cedar Rapids, Iowa, assignors to The Firestone Tire & Rubber Company, Akron, Ohio. 2,5-disubstituted-tetrahydro-1,2,5-thiadiazines and preparing same. 2,537,633, Jan. 9.
Smith, George E. P., Jr., and E. L. Carr, assignors to The Firestone Tire & Rubber Company, Akron, Ohio. Making N-aryl thiazylsulfenamides. 2,560,020, July 10.
Smith, George H., and D. M. Yenni, Kenmore, N. Y., assignors to The Linde Air Products Company. Shaping unicrystalline bodies of material such as corundum and spinel. 2,537,165, Jan. 9.
Smith, George L., assignor to Thermo Brakes Corporation, Washington, D. C. Automatic adjusting mechanism for brakes. 2,570,398, Oct. 9.
Smith, George M., assignor to American Machinery Corporation, Orlando, Fla. Demountable brushing machine. 2,548,826, Apr. 10.
Smith, George R., Modesto, Calif. Combination window and Venetian blind. 2,566,640, Sept. 4.
Smith, George T., assignor to George T. Smith, Inc., Lansing, Mich. Conveyer end connector and gap plate. 2,536,961, Jan. 2.
Smith, George T., assignor to George T. Smith, Inc., Lansing, Mich. Work distributing platform. 2,560,490, July 10.
Smith, George T., Inc., assignee: *See*—
Smith, George T.
Smith, George W., assignee: *See*—
Kelly, Thomas N.
Smith, Gerard V., Westwood, N. J., assignor to R. L. Thompson, Mineola, N. Y. Treadle-controlled axle-counting circuit for toll-checking systems. 2,551,977, May 8.
Smith, Glenn, Chicago, Ill., assignor to Blaw-Knox Company. Briquetting apparatus. 2,537,920, Jan. 9.
Smith, Glenn J., Hazelhurst, Pa. Hunting license holder. 2,544,618, Mar. 6.
Smith, Gordon N., assignor to Stereocraft Engineering Co., Portland, Oreg. Control mechanism for sliding camera shutters. 2,553,015, May 15.
Smith, Gordon N., assignor to Stereocraft Engineering Co., Portland, Oreg. Exposure indicator. 2,557,478, June 19.
Smith, Grafton A., Tulsa, Okla., assignor to Shell Development Company, San Francisco, Calif. Oil well control system. 2,550,093, Apr. 24.
Smith, Grant W., Grand Forks, N. Dak., assignor to The B. F. Goodrich Company, New York, N. Y. Inherently processable interpolymers of vinyl chloride, higher alkyl acrylate, and vinylidene chloride. 2,563,079, Aug. 7.
Smith, H. Bert D., assignor of one-half to O. W. Smith, Jr., Dallas, Tex. Waist and waistband construction of trousers and the like. 2,548,402, Apr. 10.
Smith, Harold F., assignor to Institutum Divi Thomae Foundation, Cincinnati, Ohio. Electric blanket. 2,537,376, Jan. 9.
Smith, Harry, assignor to Smith's Jacking Systems Limited, London, England. Lifting jack. 2,565,401, Aug. 21.
Smith, Harry B., Narberth, Pa., and G. A. Dolan, East Orange, N. J. Heat-treating and welding metal parts. 2,540,219, Feb. 6.
Smith, Harry E., Atlanta, Ga., assignor of one-third to J. C. Duttenhofer, Richmond, Va., and one-third to H. E. Hetzel, Atlanta, Ga. Cut-easy device. 2,548,243, Apr. 10.
Smith, Harry F., Lexington, assignor to Mansfield Sanitary Pottery, Inc., Perrysville, Ohio. Flush valve mechanism. 2,579,766, Dec. 25.
Smith, Harry J.: *See*—
Dietrich, Cornelius F., and Smith.
Smith, Harry R., Glen Ridge, assignor to Allen B. Du Mont Laboratories, Inc., Passaic, N. J. Electronic circuit voltage control. 2,545,244, Mar. 13.
Smith, Harry T., Hixton, Wis. Subgrade and shouldering machine. 2,572,776, Oct. 23.
Smith, Harvey J., Greensboro, N. C. Cabinet closure locking means. 2,571,071, Oct. 9.
Smith, Harvey R., Ann Arbor, Mich. Path indicator device for golf practice machines. 2,545,634, Mar. 20.
Smith, Haywood C., and J. C. Petrea, assignors to Wright Machinery Company, Durham, N. C. Dumping mechanism. 2,579,708, Dec. 25.
Smith, Henry B., assignor to R. Wallace & Sons Manufacturing Company, Wallingford, Conn. Electropolishing of metals. 2,559,263, July 3.
Smith, Henry J., Peconic, N. Y. Retractable sun visor. 2,570,399, Oct. 9.
Smith, Henry M., Schenectady, N. Y., assignor to General Electric Company. Cathode-ray type of electron discharge device. 2,580,250, Dec. 25.
Smith, Herbert, Miami, Fla. Luggage identification tag. 2,556,825, June 12.
Smith, Herbert A., assignor to Spirax Manufacturing Company Limited, Cheltenham, England. Steam operated heater for water and other liquids. 2,539,280, Jan. 23.
Smith, Herbert E., assignor to Wau-Ke-Wan Thread Co., Inc., Manchester, N. H. Apparatus for finishing braided threads. 2,575,981, Nov. 20.
Smith, Herbert E., Jr., Lakewood, Ohio. Lock-nut structure. 2,564,511, Aug. 14.
Smith, Herman W.: *See*—
Jackson, Clifford C., and Smith.
Smith, Herschel G.: *See*—
Hill, Mark L., Cantrell, and Smith.
Smith, Herschel G., Wallingford, and T. L. Cantrell, Lansdowne, Pa., and J. G. Peters, Audubon, N. J., assignors to Gulf Oil Corporation, Pittsburgh, Pa. Addition agents for mineral oil lubricants. 2,545,113, Mar. 13.
Smith, Herschel G., Wallingford, and T. L. Cantrell, Lansdowne, assignors to Gulf Oil Corporation, Pittsburgh, Pa. Lubricating grease composition. 2,545,114, Mar. 13.
Smith, Herschel G., Wallingford, M. L. Hill, Boothwyn, and T. L. Cantrell, Lansdowne, assignors to Gulf Oil Corporation, Pittsburgh, Pa. Insecticidal compositions. 2,554,274, May 22.
Smith, Herschel G., Wallingford, and T. L. Cantrell, Lansdowne, assignors to Gulf Oil Corporation, Pittsburgh, Pa. Stabilized leaded gasolines. 2,560,489, July 10.
Smith, Herschel G., Wallingford, T. L. Cantrell, Lansdowne, and M. L. Hill, Boothwyn, assignors to Gulf Oil Corporation, Pittsburgh, Pa. Lubricating greases. 2,578,851, Dec. 18.
Smith, Homer H., Detroit, Mich. Bottle breaker. 2,555,612, June 5.
Smith, Homer H., Detroit, Mich. Can crushing device. 2,563,379, Aug. 7.

Smith, Horace L., Jr., Richmond, Va., and C. O. Ball, Maumee, Ohio, assignors to Food Processes, Incorporated, Richmond, Va. Canning and sterilizing food products. 2,541,113, Feb. 13.
Smith, Howard A.: *See*—
Davenport, William F., and Smith.
Smith, Howard A., Dayton, Ohio. Border facer. 2,569,350, Sept. 25.
Smith, Howard E.: *See*—
Beghin, Adolfo J., Hamberg, and Smith.
Smith, Howard E., Briarcliff Manor, assignor to Insl-X Corporation, Brooklyn, N. Y. Peelable protective coating. 2,543,557, Feb. 27.
Smith, Howard E., Briarcliff Manor, assignor to Insl-X Corporation, Brooklyn, N. Y. Fungicidal insulating composition. 2,556,451, June 12.
Smith, Howard F., assignee: *See*—
Pratt, Jesse M.
Smith, Hugh I., Vallejo, Calif. Compression-operated fuel injector for Diesel engines. 2,541,443, Feb. 13.
Smith, J. Floyd, Glendale, Calif. Parachute construction. 2,566,585, Sept. 4.
Smith, J. Warren, assignee: *See*—
Miller, Hugh A.
Smith, Jacob A., assignor of one-half to C. A. Benjamin, Chicago, Ill. Drill sharpening apparatus. 2,536,823, Jan. 2.
Smith, Jacob A., assignor of one-half to C. A. Benjamin, Chicago, Ill. Punch construction. 2,580,366, Dec. 25.
Smith, James B., and J. Q. Sidwell, Murfreesboro, Tenn. Heated knife. 2,574,440, Nov. 6.
Smith, James C.: *See*—
Neuroth, John, and Smith.
Smith, James E., Jackson Heights, N. Y., assignor to Radio Corporation of America. Signal transmission system. 2,539,797, Jan. 30.
Smith, James E., West Roxbury, Mass., assignor to Radio Corporation of America. Facsimile receiving system. 2,557,319, June 19.
Smith, James L., Houston, Tex. Exhaust rain protector. 2,537,099, Jan. 9.
Smith, James M., Jr.: *See*—
Wright, William B., Jr., and Smith.
Smith, James M., Jr., North Plainfield, and B. Roth, Middlesex, N. J., assignors to American Cyanamid Company, New York, N. Y. Aroylacetamidine. 2,543,341, Feb. 27.
Smith, James N.: *See*—
Hall, Elmer S., Smith, and McBrayer.
Smith, James, & Son Inc., assignee: *See*—
Christensen, William E., Smith, and Sandy.
Smith, James W.: *See*—
White, De Loy J., and Smith.
Smith, James W., Austin, Tex. Armrest. 2,569,834, Oct. 2.
Smith, James W., Baltimore, Md. Slip-cover fastener or stabilizer. 2,537,100, Jan. 9.
Smith, James W., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Electrical timing apparatus. 2,542,264, Feb. 20.
Smith, James W., Okay, assignor to Christopher Unitemp Heating Systems, Inc., Prescott, Ark. Drier for lumber and the like. 2,538,888, Jan. 23.
Smith, Jay E., Endicott, N. Y. Bridge scoring device. 2,551,298, May 1.
Smith, Jessie F., assignee: *See*—
Martin, Earnest E.
Smith, Reuben S.
Smith, Joe C., Bibb County, Ala. Trap for flying insects. 2,577,436, Dec. 4.
Smith, John B.: *See*—
White, Eric L. C., and Smith.
Smith, John B., Birmingham, Ala. Gasoline valve flow control. 2,568,257, Sept. 18.
Smith, John D. L., Freeport, N. Y., assignor to Centrifuge Mechanical Equipment, Inc., Hoboken, N. J. Centrifugal separator. 2,578,456, Dec. 11.
Smith, John F., Quincy, assignor to Jacobs Manufacturing Company, Boston, Mass. Bag tying machine. 2,555,768, June 5.
Smith, John J.: *See*—
Mueller, Frank H., and Smith.
Smith, John J., assignor to Mueller Co., Decatur, Ill. Corporation stop and installing. 2,566,502, Sept. 4.
Smith, John J., Tarentum, J. E. Duncan, Brackenridge, and H. A. Truby, New Kensington, assignors to Pittsburgh Plate Glass Company, Allegheny County, Pa. Glass composition. 2,579,709, Dec. 25.
Smith, John P., assignee: *See*—
Jones, Thomas R.
Smith, John P., Cranberry, N. J., assignor to Radio Corporation of America. Radar system with gating and synchronized recorder. 2,570,500, Oct. 9.
Smith, John S., Jr., Decatur, assignor to Scripto, Inc., Atlanta, Ga. Nut, clutch, and expel control for mechanical pencils. 2,557,320, June 19.
Smith, John W.: *See*—
Hester, Frank A., and Smith.
Smith, John W., assignor to Battle Creek Bread Wrapping Machine Company, Battle Creek, Mich. Cardboard bottom feed for food wrapping machines. 2,540,762, Feb. 6.
Smith, John W., assignor to Battle Creek Bread Wrapping Machine Company, Battle Creek, Mich. Machine for loading crackers onto conveyers. 2,553,683, May 22.
Smith, John W., assignor to Battle Creek Bread Wrapping Company, Battle Creek, Mich. Biscuit loading mechanism for conveyers. 2,576,366, Nov. 27.
Smith, John W., Long Island City, assignor to Faximile, Inc., New York, N. Y. Ciphering device. 2,554,507, May 29.
Smith, John W., Minneapolis, Minn. Hand warmer. 2,579,620, Dec. 25.
Smith, John W., assignor to The Fafnir Bearing Company, New Britain, Conn. Centerless grinder. 2,579,520, Dec. 25.
Smith, John W., Whitestone, assignor to Faximile, Inc., New York, N. Y. Control signal indicating circuit. 2,554,508, May 29.
Smith, Jopling P., Houston, Tex., assignor to Garrott Brass & Machine Company, Inc. Lubricated plug valve. 2,568,935, Sept. 25.
Smith, Joseph B., Cleveland, Ohio. Sleeve coupling for pipes. 2,567,243, Sept. 11.
Smith, Joseph B., assignor to The Standard Oil Company, Cleveland, Ohio. Pipe construction. 2,551,550, May 1.
Smith, Joseph J., A. E. Lynn, and E. W. Callender, Denver, Colo. Lettering device. 2,557,152, June 19.
Smith, Judson P., Cloquet, assignor to Wood Conversion Company, St. Paul, Minn. Valve structure and system therefor. 2,544,054, Mar. 6.
Smith, Judson P., Cloquet, assignor to Wood Conversion Company, St. Paul, Minn. Controlled fluid delivery system. 2,576,543, Nov. 27.
Smith, Justin L., assignor to Seymour Smith & Son, Inc., Watertown, Conn. Snap cut pruner. 2,574,354, Nov. 6.
Smith, Kenneth A., Burbank, and A. L. Grinnell, assignors to Electronic Chemical Engineering Company, Los Angeles, Calif. Method and apparatus for preserving foodstuffs. 2,576,862, Nov. 27.
Smith, Kenneth E.: *See*—
Churnell, Frank J., and Smith.
Howenstine, James A., and Smith.
Smith, Kenneth E., Kingsport, Tenn., assignor to Eastman Kodak Company, Rochester, N. Y. Hydraulic operated traverse mechanism. 2,575,031, Nov. 13.
Smith, Kline & French Laboratories, assignee: *See*—
Aschner, Thomas C.
Burger, Alfred.
Clymer, Harold A., and MacDonnell.
Kerwin, James F.
Kerwin, James F., and Ullyot.
Ullyot, Glenn E.
Smith, L. C., & Corona Typewriters, Inc., assignee: *See*—
Bradt, Charles H.
Higgins, William J.
Smith, Laurence E., Cincinnati, Ohio. Beverage bar fixture. 2,539,335, Jan. 23.
Smith, Lawrence H., assignor to V. M. Langsett, Chicago, Ill., as trustee. Fire extinguisher. 2,579,100, Dec. 18.
Smith, Lawrence M.: *See*—
Booth, George P., and Smith.
Smith, Lawrence W., Pasadena, assignor to Smith Precision Products Company, South Pasadena, Calif. Shaft-operated fluid-flow mechanism and the like and shaft-sealing means therefor. 2,554,595, May 29.
Smith, Leah K., assignee: *See*—
Wemp, Ernest E.
Smith, Leathem D., deceased, Sturgeon Bay, Wis.; A. Smith, administratrix of said L. D. Smith. Dual-purpose self-unloader ship. 2,557,016, June 12.
Smith, Leathem D., deceased, and R. A. Stearn, Sturgeon Bay, Wis.; said Stearn assignor to said Smith, A. Smith, administratrix of the estate of said L. D. Smith. Container ship. 2,539,168, Jan. 23.
Smith, Leathem D., deceased, C. R. Christianson, R. A. Stearn, and H. H. Hunt, Sturgeon Bay, Wis.; said Christianson, said Stearn, and said Hunt assignors to said Smith; A. Smith, administratrix of said L. D. Smith. Lifting rig. 2,547,502, Apr. 3.
Smith, Leathem D., deceased, and R. A. Stearn, Sturgeon Bay, Wis., and W. S. Stone, Glen Ellyn, Ill.; said Stearn and said Stone assignors to said Smith; A. Smith administratrix of said L. D. Smith. Container ship having bridge mounted travel crane. 2,555,297, May 29.
Smith, Lee B.: *See*—
Calfee, John D., and Smith.
Smith, Leland H., and F. M., Granville, assignors to The Decora Corporation, Fort Edward, N. Y. Printing thermoplastic sheets. 2,558,791, July 3.
Smith, Leland H. and F. M., Granville, assignors to The Decora Corporation, Fort Edward, N. Y. Decorative printing of polyvinyl chloride sheets. 2,571,962, Oct. 16.
Smith, Leonard A., Montgomery, W. Va. Phase relationship adjuster. 2,536,102, Jan. 2.
Smith, Lester C.: *See*—
Landon, Vernon D., Neumann, and Smith.
Smith, Lester W., Corpus Christi, Tex. Hydrostatic rotary jar. 2,544,473, Mar. 6.
Smith, Lewis E., Congress Park, Ill., assignor to International Harvester Company. Draft and lift mechanism for potato diggers. 2,569,201, Sept. 25.
Smith, Lillius E., Cincinnati, Ohio. Icecap and making same. 2,542,294, Feb. 20.
Smith, Lloyd B., Baton Rouge, La., assignor to Standard Oil Development Company. Safety device for pressure vessels. 2,571,961, Oct. 16.

Smith, Lorne C., Chicago, Ill. Mounting and decorative means for panels, panes, and the like. 2,550,305, Apr. 24.
Smith, Loyd T.: *See*—
Willke, Louis G., Rosen, and Smith.
Smith, Lucius N.: *See*—
Smith, Alexander and L. N.
Smith, Lucius N. and A., Monteverde, Fla. Lawn mower. 2,564,586, Aug. 14.
Smith, Lula M., assignee: *See*—
Goldsmith, Walter N.
Smith, Mahlon J., assignor to Michigan Wire Goods Company, Niles, Mich. Wire scoop. 2,551,978, May 8.
Smith, Malcolm K., Elizabeth, assignor to The Baker Castor Oil Company, Jersey City, N. J. Composition for rubber compounding. 2,539,491, Jan. 30.
Smith, Malcolm K., Elizabeth, assignor to The Baker Castor Oil Company, Jersey City, N. J. Production of ether esters. 2,562,218, July 31.
Smith, Marion F.: *See*—
Greider, Harold W., and Smith.
Smith, Marion W., Bay Village, and F. W. Weigel, Fairview Village, assignors to The V. D. Anderson Company, Cleveland, Ohio. Fines separation. 2,567,450, Sept. 11.
Smith, Marjorie E. W., Des Moines, Iowa. Pocket insert for a woman's purse. 2,538,280, Jan. 16.
Smith, Martha L., Great Barrington, Mass. Gate and display device. 2,550,304, Apr. 24.
Smith, Marvin M., Muncie, Ind. Clothes drier. 2,555,821, June 5.
Smith, Marvin M., Muncie, Ind., and E. N. Kemler, Tarrytown, N. Y., assignors to Muncie Gear Works, Inc., Muncie, Ind. Heat pump. 2,562,748, July 31.
Smith, McDonald D., Washington, D. C. Apparatus for making brushes. 2,549,536, Apr. 17.
Smith, Merton, Cleveland, and F. A. Leskovec, Geneva, Ohio, assignors, by mesne assignments, to McCabe-Powers Auto Body Co., St. Louis, Mo. Supporting and locking removable panels. 2,572,774, Oct. 23.
Smith, Merton, Cleveland, Ohio, assignor, by mesne assignments, to McCabe-Powers Auto Body Co., St. Louis, Mo. Extension ladder. 2,572,775, Oct. 23.
Smith, Milton B., Huntington, Ind., assignor to The Hettrick Manufacturing Company, Toledo, Ohio. Hassock upholstery construction. 2,552,693, May 15.
Smith, Mitchell: *See*—
McIntosh, Donald J., and Smith.
Smith-Morris Company, assignee: *See*—
Kelly, Thomas N.
Smith, Myron R.: *See*—
Wilson, John M., Nickells, and Smith.
Smith, Nathan L., Indian Head, Md. Trifluoromethyl phenyl-β-naphthylamines. 2,572,066, Oct. 23.
Smith, Nathan L., Indian Head, Md. Trifluoromethyl diphenylamines. 2,572,067, Oct. 23.
Smith, Neal J.: *See*—
Babb, John J., and Smith.
Smith, Norman A., Cleveland Heights, assignor to The Cleveland Twist Drill Company, Cleveland, Ohio. Drift-pin. 2,542,368, Feb. 20.
Smith, Norman F., Chicago, Ill., assignor to Rex Industries, Inc. Article dispenser. 2,541,945, Feb. 13.
Smith, Norman J., Medfield, assignor to Smith Control and Instrument Corporation, Needham, Mass. Temperature indicating thermostatic switch. 2,565,890, Aug. 28.
Smith, Norman L., Malden, Mass. Combined oil measuring gauge and heater for motor vehicles. 2,551,770, May 8.
Smith, Norman W., Clearwater, assignor to Tavart Company, Ltd., Los Angeles, Calif. Overhead door mounting. 2,569,351, Sept. 25.
Smith, Norvin E., Altadena, Calif. Container with enclosed trap chamber operated by tipping. 2,538,336, Jan. 16.
Smith, Norvin E., Altadena, Calif. Garden trellis. 2,577,373, Dec. 4.
Smith, Olin W., Jr., assignee: *See*—
Smith, H. Bert D.
Smith, Oliver R., Fort Worth, Tex. Pipe coating machine. 2,554,067, May 22.
Smith, Oliver R., Fort Worth, Tex. Pipe cleaning equipment. 2,556,116, June 5.
Smith, Oliver R., Fort Worth, Tex. Motor vehicle drive. 2,564,932, Aug. 21.
Smith, Oliver R., Fort Worth, Tex. Mixing device. 2,565,826, Aug. 28.
Smith, Oliver R., Fort Worth, Tex. Vehicle with drive shaft coupled to forward extremity of engines. 2,578,156, Dec. 11.
Smith, Opal, and O. C. Dudley, Winchester, Ind., assignors to Anchor Hocking Glass Corporation, Lancaster, Ohio. Glassware transferring mechanism. 2,547,791, Apr. 3.
Smith, Orville E., assignor to Rapids-Standard Company, Inc., Grand Rapids, Mich. Frame for vertically swinging conveyers. 2,561,997, July 24.
Smith, Oscar J., Tulsa, Okla. Fruit juicer. 2,572,286, Oct. 23.
Smith, Paul A., Mars, Pa. Pulley. 2,553,791, May 22.
Smith, Paul J., Seattle, Wash. Display mounting for automotive vehicles. 2,543,605, Feb. 27.
Smith, Paul S., assignor to C. H. Masland & Sons, Inc., Carlisle, Pa. Strip-forming and feeding apparatus. 2,547,544, Apr. 3.
Smith, Paul V., Jr.: *See*—
Carlson, Carl S., and Smith.
Carlson, Carl S., Morrell, and Smith.
Hawley, Roger S., Kittleson, and Smith.
Mikeska, Louis A., and Smith.
Morrell, Charles E., Carlson, and Smith.
Morway, Arnold J., and Smith.
Smith, Paul V., Jr., Westfield, N. J., assignor to Standard Oil Development Company. Esters of trimethyladipic acid. 2,548,494, Apr. 10.
Smith, Paul V., Jr., Westfield, N. J., assignor to Standard Oil Development Company. Dibasic acid esters and producing them. 2,575,195, Nov. 13.
Smith, Paul V., Jr., Westfield, N. J., assignor to Standard Oil Development Company. Mixed esters of polyhydric alcohols and dibasic acids. 2,575,196, Nov. 13.
Smith, Paul V., Jr., Westfield, and C. S. Carlson, Elizabeth, N. J., assignors to Standard Oil Development Company. Extractive distillation of alcohols with glycol ethers. 2,559,519, July 3.
Smith, Paul V., Jr., Westfield, and C. S. Carlson, Elizabeth, N. J., assignors to Standard Oil Development Company. Extractive distillation of alcohols with glycols. 2,559,520, July 3.
Smith, Paul V., Jr., Westfield, N. J., and A. H. Popkin, New York, N. Y., assignors to Standard Oil Development Company. Synthetic lubricant. 2,559,521, July 3.
Smith, Paul V., Jr., Westfield, and F. Knoth, Jr., Union, N. J., assignors to Standard Oil Development Company. Esters of aliphatic dibasic acids and ether-alcohols containing a branched chain in the glycol group. 2,570,037, Oct. 2.
Smith, Paul V., Jr., Westfield, and F. Knoth, Jr., Union, N. J., assignors to Standard Oil Development Company. Phenylenediacetate ester. 2,570,038, Oct. 2.
Smith, Perry C., Moorestown, and J. H. Reisner, Haddonfield, N. J. assignors to Radio Corporation of America. Nuclear radiation detector. 2,550,610, Apr. 24.
Smith, Peter C., and D. I. Stepacoff, Perth Amboy, N. J. Spring coupling. 2,556,117, June 5.
Smith, Philip A., Pelham Manor, N. Y., and L. Hopps, Darien, Conn., assignors to The Indiana Steel Products Company, Chicago, Ill. Ion trap and centering magnet assembly. 2,553,792, May 22.
Smith, Phillip H.: *See*—
Baker, George H., and Smith.
Smith, Phillip H., Denville, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Microwave directive antenna. 2,542,844, Feb. 20.
Smith, Phillip H., Fair Haven, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Balanced to unbalanced coupling. 2,546,322, Mar. 27.
Smith, Philip H., Fair Haven, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Impedance transforming network. 2,572,672, Oct. 23.
Smith, Philip P., Atlanta, Ga. Self-propelled manually steered portable rug-washing machine. 2,558,590, June 26.
Smith, Philip T., Princeton, N. J., assignor to Radio Corporation of America. Multiresonator magnetron. 2,547,503, Apr. 3.
Smith Precision Products Company, assignee: *See*—
Smith, Lawrence W.
Smith, Prevost F., San Diego, Calif. Parachute cluster spacing means. 2,536,777, Jan. 2.
Smith, Prevost F., San Diego, Calif. Parachute. 2,559,804, July 10.
Smith, Putnam M., Cudahy, assignor to Screw Machine Products Co., Milwaukee, Wis. Circuit protecting device for motors and the like. 2,553,949, May 22.
Smith, Ralph C., De Land, Fla. Scrubbing machine 2,555,822, June 5.
Smith, Ralph O., Minneapolis, Minn. Electric razor. 2,564,379, Aug. 14.
Smith, Ralston R., Vallejo, Calif. Machine for extracting juices from citrus fruit. 2,540,014, Jan. 30.
Smith, Raymond H.: *See*—
Haefner, Sylvester J., and Smith.
Smith, Reading B., Hammond, Ind., assignor to Sinclair Refining Company, New York, N. Y. Vibrating means for fluidized catalyst reactors. 2,542,587, Feb. 20.
Smith, Reading B., Hammond, Ind., assignor to Sinclair Refining Company, New York, N. Y. Pyrolytic conversion of hydrocarbons with the aid of a catalyst. 2,556,114, June 5.
Smith, Reading B., Hammond, Ind., assignor to Sinclair Refining Company, New York, N. Y. Vacuum distillation of reduced crude. 2,570,607, Oct. 9.
Smith, Reading B., Hammond, Ind., assignor to Sinclair Refining Company, New York, N. Y. Catalytic conversion of hydrocarbons with finely divided catalysts utilizing sonic vibrations. 2,578,377, Dec. 11.
Smith, Regenald H., St. Albans, N. Y. Rotatable window structure. 2,560,196, July 10.
Smith, Reuben S., Altadena, Calif., assignor, by decree of distribution, to J. F. Smith. Transfer and recovery system for volatile liquids. 2,536,322, Jan. 2.

Smith, Richard G., Harvey, Ill., assignor to The Sherwin-Williams Company, Cleveland, Ohio. Water reducible 1,1-bis(p-chlorophenyl)2,2,2 trichloroethane pest control compositions stabilized with methyl cellulose. 2,556,888, June 12.

Smith, Robert C. M.: *See*—
Collins, Ronald B., Smith, and Pratt.

Smith, Robert F., Fort Wayne, Ind. Motion transmitting mechanism. 2,552,350, May 8.

Smith, Robert F., Jr., assignor to Eastman Kodak Company, Rochester, N. Y. Stamp rotating mechanism. 2,556,560, June 12.

Smith, Robert L., San Diego, Calif. Cooker. 2,556,115, June 5.

Smith, Robert L., and M. A. Wight, Jr., Amherst, assignors to Nashua Gummed and Coated Paper Company, Nashua, N. H. Article with water-sensitive gum coating and manufacture. 2,577,821, Dec. 11.

Smith, Robert P., Crawfordville, Ind. Crown and disk assembly and testing machine. 2,538,887, Jan. 23.

Smith, Robert P., Monrovia, Calif. Medicine cabinet. 2,578,096, Dec. 11.

Smith, Robert P., and F. E. James, assignors to The Hoosier Crown Corporation, Crawfordsville, Ind. Cork rod forming machine and method. 2,560,491, July 10.

Smith, Robert W., San Carlos, Calif., assignor to Ferry Sheet Metal Works, Inc. Machine for spray coating the interior of containers. 2,557,479, June 19.

Smith, Roland L., Belmont, Mass., assignor to Crown Controls Company, Inc., New Bremen, Ohio. Thermostatic control system for furnaces. 2,547,417, Apr. 3.

Smith, Roland L., Belmont, Mass. Electrical time reminder for various purposes. 2,553,482, May 15.

Smith, Rowland D., assignor to Corning Glass Works, Corning, N. Y. Paste mold. 2,555,712, June 5.

Smith, Rowland K.: *See*—
Booth, John F., and Smith.

Smith, Roy D., Mertzon, Tex., assignor to Bee-Line Company, Scott County, Iowa. Motorcar service mechanism. 2,576,544, Nov. 27.

Smith, Roy D., Pueblo, Colo., assignor to Bee-Line Company, Scott County, Iowa. Motor vehicle frame alignment measuring mechanism. 2,575,194. Nov. 13.

Smith, Rulo W., assignor to Customaire Engineering Company, Auburn, Ind. Air-conditioner system. 2,567,915, Sept. 11.

Smith, Russell F., St. Louis, and J. T. W. Moseley, Clayton, asignors of one-half to Carter Carburetor Corporation, St. Louis, Mo. Rotary motor. 2,543,134, Feb. 27.

Smith, S., & Sons (England) Limited, assignee: *See*—
Davis, Wilfred O.
Meredith, Frederick W.
Meredith, Frederick W., and Milsom.
Milsom, Frederick R.
Walton, Sydney A.
Winterbourne, James E. V.

Smith, Samuel H., assignor of one-half to E. R. Dawson, Atlantic City, N. J., and one-half to W. C. Chapman, Philadelphia, Pa. Room occupancy indicator. 2,565,669, Aug. 28.

Smith, Samuel R., Portland, Oreg. Fluid pressure actuated multiple arm pressure clamp. 2,560,902, July 17.

Smith, Samuel V., Long Beach, Calif. Pneumatic-hydraulic system for operating well pumping equipment. 2,564,285, Aug. 14.

Smith, Scott V., Danville, Ill., assignor, by mesne assignments, to Western Electric Company, Incorporated, New York, N. Y. Article testing and sorting apparatus. 2,567,741. Sept. 11.

Smith, Seymour, & Son, Inc., assignee: *See*—
Smith, Justin L.

Smith, Sidney R., Jr.: *See*—
Lincks, George F., and Smith.

Smith, Sidney R., Jr., Pittsfield, Mass., assignor to General Electric Company. Isolating device. 2,575,931, Nov. 20.

Smith, Stanley S., Mount Kisco, N. Y. Device for making piecrusts. 2,546,656, Mar. 27.

Smith & Stone Limited, assignee: *See*—
Wold, Trygve.

Smith, Stephen H., and J. L. Kronsis, Canton, Ohio. Making building blocks. 2,577,215, Dec. 4.

Smith, Sydney, Lawrenceville, N. J. Roller bearing assembly and producing same. 2,567,242, Sept. 11

Smith, T. L., Company, The, assignee: *See*—
Rockburg, George A.
Rockburg, George A., and Peters.

Smith, Theodore C., Drexel Hill, Pa. Signal device for the fill lines of liquid tanks. 2,539,281, Jan. 23.

Smith, Theodore C., Drexel Hill, Pa. Seal for auxiliary filling nipples. 2,553,340, May 15.

Smith, Theodore L.: *See*—
Muros, Joseph, and Smith.

Smith, Thomas C., F. H. M. Hart, and W. A. Freer, Poughkeepsie, N. Y., assignors, by mesne assignments, to Recordgraph Corporation. Sound film drive and guide. 2,577,162, Dec. 4.

Smith, Thomas E., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Tire-building apparatus. 2,537,649, Jan. 9.

Smith, Thomas H., Oklahoma City, Okla. Sharpening machine. 2,564,796, Aug. 21.

Smith, Thomas R., assignor to The Maytag Company, Newton, Iowa. Free eccentric type valve with external seal cap. 2,537,798, Jan. 9.

Smith, Thomas R., assignor to The Maytag Company, Newton, Iowa. Self-basting oven. 2,548,325, Apr. 10.

Smith, Thomas R., assignor to The Maytag Company, Newton, Iowa. Automatic flow regulator. 2,568,519, Sept. 18.

Smith, Thomas R., assignor to The Maytag Company, Newton, Iowa. Eccentric type faucet. 2,568,520, Sept. 18.

Smith, Thomas R., assignor to The Maytag Company, Newton, Iowa. Diaphragm seal for high pressures. 2,574,297, Nov. 6.

Smith, Thomas R., assignor to The Maytag Company, Newton, Iowa. Heat exchanger clothes drier. 2,574,298, Nov. 6.

Smith, Thomas R., assignor to The Maytag Company, Newton, Iowa. Forming a flexible coil clutch. 2,574,714, Nov. 13.

Smith, Thomas R., assignor to The Maytag Company, Newton, Iowa. Fractionation column. 2,575,688, Nov. 20.

Smith, Thomas R., assignor to The Maytag Company, Newton, Iowa. Clothes-washing machine. 2,575,689, Nov. 20.

Smith, Thomas R., assignor to The Maytag Company, Newton, Iowa. Continuous flow, rotary, and inclined fractionating unit. 2,575,690, Nov. 20.

Smith, Thomas R., assignor to The Maytag Company, Newton, Iowa. Clothes-washing machine. 2,575,691, Nov. 20.

Smith, Vernon A., Winchester, Ky. File cabinet drawer guide. 2,562,219, July 31.

Smith, Victor H., Phoenix, Ariz. Electrolytic rheostat. 2,548,745, Apr. 10.

Smith, Victor W., assignor to C. V. Hill & Company, Inc., Trenton, N. J. Refrigerating system with defrosting arrangement. 2,555,161, May 29.

Smith, Vincent K., Gates Mills, Ohio. Dynamoelectric machine and making same. 2,565,530, Aug. 28.

Smith, W. H., & Son Limited, assignee: *See*—
Flawn, Percy A.
Lanegan, Frederick E.

Smith, Walter J., Jr., assignee: *See*—
Parsons, Frederick L.

Smith, Walter J., Jr., Glen Head, N. Y. Drive mechanism for adjustable antennas. 2,540,696, Feb. 6.

Smith, Walter L., Jr., Philadelphia, Pa., assignor to General Electric Company. Channel bracing and intersecting wiring trough system for switchboards. 2,567,740, Sept. 11.

Smith, Walter M., Jr.: *See*—
Handy, Wilbur Y., and Smith.

Smith, Ward D.: *See*—
Van Ranst, Cornelius W., and Smith.

Smith, Ward D., Dearborn, assignor to F. L. Jacobs Co., Detroit, Mich. Fuel pump. 2,537,241, Jan. 9.

Smith, Warren K.: *See*—
Swanson, Ralph I., and Smith.

Smith, Warren M., Baton Rouge, La., assignor to Standard Oil Development Company. Catalytic reaction of olefins with carbon monoxide and hydrogen. 2,557,701, June 19.

Smith, Warren M., Baton Rouge, La., assignor to Standard Oil Development Company. Hydrogenation process. 2,574,355, Nov. 6.

Smith, Warren R., Crown Point, N. Y., and D. F. Othmer, Coudersport, Pa.; said Smith assignor to D. F. Othmer, W. R. White, Jr., and L. Ricciordi. Manufacture of wallboard from lignocellulosic material. 2,537,101, Jan. 9.

Smith, Warren R., Crown Point, E. R. Mellenger, Douglaston, N. Y., and D. F. Othmer, Coudersport, Pa., assignors to Donald F. Othmer, W. R. White, Jr., and L. Ricciardi. Making a molded article from lignocellulose. 2,552,597, May 15.

Smith, Waverly Q., Charleston, W. Va., assignor to the United States of America as represented by the United States Atomic Energy Commission. Sampler for highly radioactive substances. 2,571,302, Oct. 16.

Smith Welding Equipment Corporation, assignee: *See*—
Smith, Elmer H.

Smith, Wesley A., assignor to Tilt-A-Door Corporation, Ferndale, Mich. Safety latch. 2,579,621, Dec. 25.

Smith, Whitfield C., Oneonta, assignor to Bendix Aviation Corporation, New York, N. Y. Ignition device and parts thereof. 2,575,140. Nov. 13.

Smith, Wilbert B., Ottawa, Ontario, Canada. Linear vacuum tube voltmeter. 2,558,108, June 26.

Smith, Wilbur R.: *See*—
Woodside, Charles E., Smith, Woodside, and Armstrong.

Smith, Willard F., Brooks, Calif. Almond shelling machine. 2,543,537, Feb. 27.

Smith, William, Sharon, Pa. Pressure-transmitting shield for the outer surface of a collapsible tube. 2,551,176, May 1.

Smith, William A.: *See*—
Trivelli, Adrian P. H., and Smith.
Willis, Thomas J., and Smith.

Smith, William A., Dagenham, England. Brace end. 2,544,619, Mar. 6.

Smith, William B., assignee: *See*—
Christensen, William E., Smith, and Sandy.
Gamble, Hugh A.
Smith, William B., Memphis, Tenn. Sectional mattress. 2,547,840, Apr. 3.
Smith, William E.: *See*—
Hackford, John E., Shaw, and Smith.
Smith, William F.: *See*—
Berggren, Lloyd E., Gille, and Smith.
Stauffer, Robert E., and Smith.
Smith, William F., Brooklyn, assignor to International Standard Electric Corporation, New York, N. Y. Terminal bank. 2,558,008, June 26.
Smith, William F., Brooklyn, assignor to International Standard Electric Corporation, New York, N. Y. Bank strip molding machine. 2,568,771, Sept. 25.
Smith, William G., Portland, Oreg. Massage device. 2,579,209, Dec. 18.
Smith, William H., Ease Molesey, England. Parachute load cushioning mechanism. 2,578,753, Dec. 18.
Smith, William H., East Molesey, England. Shock absorber. 2,578,903, Dec. 18.
Smith, William H., Sullivan, Ind. Drilling apparatus. 2,567,451, Sept. 11.
Smith, William I., Perrysburg, assignor to The Hettrick Manufacturing Company, Toledo, Ohio. Sofa swing. 2,547,891, Apr. 3.
Smith, William J., Worthington, Ohio, assignor to The Jeffrey Manufacturing Company. Hutch valve for baum jigs. 2,573,503, Oct. 30.
Smith, William, Jr., assignor to General Motors Corporation, Dayton, Ohio. Multichambered gas burner with selective gas supply. 2,573,502, Oct. 30.
Smith, William K.: *See*—
Waite, Howard E., and Smith.
Smith, William L., Silver Spring, Md. Selectivity switching device. 2,547,984, Apr. 10.
Smith, William M., Clay City, Ill. Strainer. 2,552,744, May 15.
Smith, William M., Roselle, N. J., assignor to Standard Oil Development Company. Combination alkylation and polymerization process. 2,554,275, May 22.
Smith, William P. C., Rockport, Mass. Hydraulic power unit with fixed piston for producing oscillating motion. 2,543,876, Mar. 6.
Smith, William R., and O. R. Rickel, New Orleans, La. Work holder. 2,554,884, May 29.
Smith, William S., Chicago, Ill., assignor to Henry Pratt Company. Self-cleaning strainer for liquids. 2,540,300, Feb. 6.
Smith, William T.: *See*—
Roon, Leo, and Smith.
Smith, William V., Greenville, Ill. Tiltable carriage for lawn mower sharpeners. 2,572,530, Oct. 23.
Smith, William W., assignor to Hyster Company, Portland, Oreg. Conveyance loading aparatus. 2,570,726, Oct. 9.
Smith, Winthrope C.: *See*—
Turner, Luther B., and Smith.
Smith, Winthrope C., Elizabeth, N. J., assignor to Standard Oil Development Company. Flame resistant rubber compositions containing a chlorinated wax and a metal carbonate. 2,545,977, Mar. 20.
Smith, Winthrope C., Elizabeth, N. J., assignor to Standard Oil Development Company. Laminated fabric bonded with an improved hydrocarbon interpolymer cement, and the cement. 2,553,427, May 15.
Smith, Winthrope C., Westfield, N. J., assignor to Standard Oil Development Company. Plasticized rubbery copolymer of isobutylene and isoprene. 2,561,239, July 17.
Smith, Woodrow W.: *See*—
Smith, Francis J. and W. W.
Smithe, F. L., Machine Co., Inc., assignee: *See*—
Novick, Abraham.
Smith-Johannsen, Robert, Schenectady, N. Y., assignor to General Electric Company. Surfaces having low-adhesion to ice. 2,575,141, Nov. 13.
Smith's Jacking Systems Limited, assignee: *See*—
Smith, Harry.
Smithson, Gordon W.: *See*—
Soule, Harold B., and Smithson.
Smithson, Ralph O., and C. F. Fitzgerald, Beverly, Mass., assignors to United Shoe Machinery Corporation, Flemington, N. J. Thread cutter for bobbin winders. 2,578,755, Dec. 18.
Smithson, William D., Wichita Falls, Tex. Framing instrument. 2,556,781, June 12.
Smithuysen, Wilhelm C. B., and C. D. F. Eerbeek, Amsterdam, Netherlands, assignors to Shell Development Company, San Francisco, Calif. Production of chlorinated acetaldehydes and their acetal derivatives. 2,579,021, Dec. 18.
Smitka, Edward G., Chicago, Ill. Pressure actuated collet-type chuck. 2,562,134, July 24.
Smitley, Marion L., Detroit, Mich., assignor to G. M. and E. Holley. Combination governor and ignition system for internal-combustion engines. 2,545,709, Mar. 20.
Smits, Wijtze B., Voorburg, assignor to Smitsvonk N. V., The Hague, Netherlands. Igniting apparatus. 2,550,875, May 1.
Smits, Wijtze B., Voorburg, assignor to Smitsvonk N. V., The Hague, Netherlands. Electric ignition apparatus. 2,563,625, Aug. 7.
Smits, Wytze B., Voorburg, assignor to Smitsvonk N. V., The Hague, Netherlands. Light producing method and apparatus. 2,567,037, Sept. 4.
Smits, Wytze B., Voorburg, assignor to Smitsvonk N. V., The Hague, Netherlands. Fuel injection device. 2,572,209, Oct. 23.
Smits, Wytze B., Voorburg, Netherlands; vested in the Attorney General of the United States. Sparking plug. 2,578,754, Dec. 18.
Smitsvonk N. V., assignee: *See*—
Smits, Wijtze B.
Smokador Manufacturing Co., Inc., assignee: *See*—
Savage, Vincent.
Smoke, Thomas A., Whitesville-Lakewood, N. J. Electric automatic soldering iron. 2,558,009, June 26.
Smolich, Sylvester S., Minneapolis, Minn. Work rest for centerless grinding machines. 2,554,423, May 22.
Smoot, Charles H., assignor to Republic Flow Meters Company, Chicago, Ill. Instrument for measuring physical conditions. 2,546,657, Mar. 27.
Smoot, John H., Darien, Conn., assignor to Becton Dickinson and Company, Rutherford, N. J. Injection device and ampoule. 2,547,099, Apr. 3.
Smuckler, A. F., & Co., Inc., assignee: *See*—
Hyatt, Arnold J.
Smullin, Louis D., Nutley, N. J., assignor to International Standard Electric Corporation, New York, N. Y. Coaxial line coupling. 2,547,054, Apr. 3.
Smullin, Louis D., Nutley, N. J., and J. B. H. Kuper, Bayport, assignors to Federal Telephone and Radio Corporation, New York, N. Y. Microwave frequency stabilizer. 2,562,958, Aug. 7.
Smulski, Theodore J., Gary, Ind., assignor to Productive Inventions, Inc. Windshield wiper fluid transmission connection. 2,549,027, Apr. 17.
Smulski, Theodore J., Gary, Ind., assignor to Productive Inventions, Inc. Wiper blade control linkage. 2,550,094, Apr. 24.
Smulski, Theodore J., Gary, Ind., assignor to Productive Inventions, Inc. Windshield wiper. 2,550,095, Apr. 24.
Smulski, Theodore J., Gary, Ind., assignor to Productive Inventions, Inc. Windshield wiper. 2,552,822, May 15.
Smutek, Ben R., assignee: *See*—
Babcock, Zebe A.
Smyth, Charles N., London, England, assignor to International Standard Electric Corporation, New York, N. Y. Focusing and deflecting means for cathode-ray tubes. 2,539,492, Jan. 30.
Smyth, Harold A., assignor to Washington Veneer Company, Olympia, Wash. Vacuum hold-down for machines operating on flat stock. 2,549,254, Apr. 17.
Smyth, Harold E., Millville, assignor to Bachmann Uxbridge Worsted Corporation, Uxbridge, Mass. Tacker. 2,546,527, Mar. 27.
Smyth, John R., East Cleveland, assignor to Willard Storage Battery Company, Cleveland, Ohio. Manufacturing batteries. 2,575,076, Nov. 13.
Smyth, Leslie J., Thames Ditton, England. Tool having a spring loaded scissor-like action. 2,562,828, July 31.
Smythe, William R., Sierra Madre, Calif., assignor to the United States of America as represented by the Secretary of the Navy. Apparatus for decelerating torpedoes. 2,539,643, Jan. 30.
Smyers, William H.: *See*—
Young, David W., and Smyers.
Smyser, Elmer D., Torrance, Calif. Flow indicator. 2,566,680, Sept. 4.
Snap-It, Snug-Fit Shoe Machinery Co., Inc., assignee: *See*—
Ciaio, Joseph A.
Snap-On Drawer Company, assignee: *See*—
Hake, Elmer C.
Snap-On Tools Corporation, assignee: *See*—
Knudsen, Raymond G.
Preslan, Floyd W.
Walraven, George M., and Knudsen.
Snavely, Clarence S., Churchill Borough, assignor to The Union Switch & Signal Company, Swissvale, Pa. Relay system for Diesel electric locomotives. 2,537,319, Jan. 9.
Snavely, Joseph W. Hales Corners, assignor to Chain Belt Company, Milwaukee, Wis. Impact cushioning idler. 2,546,200, Mar. 27.
Snead, Edwin B., Austin, Tex. Turntable road machine. 2,544,113, Mar. 6.
Snead, Edwin B., Austin, Tex. Road grading machine. 2,566,641, Sept. 4.
Sneckner, Harold A., St. Louis, Mo. Bottle top seal cutter. 2,561,758, July 24.
Snedden, George J.: *See*—
Mayer, Julius M., and Snedden.
Sneirson, William H., Brookline, Mass. Safety pin. 2,551,063, May 1.
Snell, Arthur H.: *See*—
MacMahon, Andrew M., and Snell.
Snell, Foster D., Inc., assignee: *See*—
Kimball, Cyril S.
Snell, Harm D., Port Arthur, Tex. Holder for notebooks. 2,542,718, Feb. 20.
Snell, Harm D., assignor of twenty-five per cent to J. Snell, Port Arthur, Tex. Hand vise of the lever-and-plunger-operated sliding-jaw type. 2,566,072, Aug. 28.
Snell, Joann, assignee: *See*—
Snell, Harm D.

Snell, Maurice S., Suttons Mill, Cranham, assignor to Dowty Equipment Limited, Cheltenham, England. Indicating the position of undercarriages or other aircraft parts. 2,557,396, June 19.
Snell, Neva.: *See*—
Michener, Harold D., Snell, and Jansen.
Snell, Robert B.: *See*—
Oace, Ralph J., Snell, and Eastwold.
Snell, Walter A., Pasadena, Calif. Diaphragm. 2,538,478, Jan. 16.
Snellings, Farrel W., assignee: *See*—
Rebotsky, Joseph T.
Sneva, Ingolf, assignor to W. F. Meyers Company, Incorporated, Bedford, Ind. Circular saw having vibration damping means. 2,563,559, Aug. 7.
Snider, Alva V.: *See*—
Morris, Rupert C., and Snider.
Morris, Rupert C., Snider, and Horowitz.
Morris, Rupert C., Van Winkle, and Snider.
Snider, Harry, Chicago, Ill. Removable trouser leg bottom guard. 2,574,669, Nov. 13.
Snider, Herman A., Newton, Mass. Plastic lamp shade with circulating air passage. 2,554,647, May 29.
Snider, Lester, Springfield, Ohio. Knockdown desk. 2,549,943, Apr. 24.
Snider, Theodore O., assignor, by mesne assignments, to H. C. Schott, Cleveland, Ohio. Axle contact means for vehicle hoists. 2,577,374, Dec. 4.
Snider, Theodore O., assignor, by mesne assignments, to H. C. Schott, Cleveland, Ohio. Axle contactor for vehicle hoists. 2,577,375, Dec. 4.
Snider, Theodore O., assignor, by mesne assignments, to H. C. Schott, Cleveland, Ohio. Actuator for hoist pit closures. 2,577,377, Dec. 4.
Sniezek, John B., Detroit, Mich. Shoe heel. 2,549,340, Apr. 17.
Sniezyk, Walter, Detroit, Mich. Latch means for jaw wrenches. 2,538,851, Jan. 23.
Snijders, Antonie: *See*—
Oberman, Roelof M. M., and Snijders.
Snijders, Antonie, The Hague, Netherlands. Supervision circuit for telegraph systems. 2,554,596, May 29.
Snively, Robert M., Fairmont, W. Va. Grinder. 2,563,286, Aug. 7.
Snoddy, Max E., Dallas, Tex. Fluid control valve. 2,573,369, Oct. 30.
Snodgrass, James A.: *See*—
Hadley, Charles G., and Snodgrass.
Snodgrass, John A., Prescott, Ark. Ironing cord holder. 2,549,717, Apr. 17.
Snoek, Jacob L., J. Boeke, and M. W. Louwerse, Eindhoven, Netherlands, assignors, by mesne assignments, to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Manganese zinc ferrite core. 2,551,711, May 8.
Snoek, Jacob L., P. W. Haayman, and F. C. Romeyn, Eindhoven, Netherlands, assignors to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Soft ferromagnetic material and making same. 2,579,978, Dec. 25.
Snoren, John T., St. Paul, Minn. Steam distributing system for locomotives. 2,546,112, Mar. 20.
Snow, Alan F., Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Gas-generator system for producing heat-treating enveloping atmospheres. 2,550,126, Apr. 24.
Snow, Barton S., Batavia, Ill., assignor to T. W. Snow Construction Company. Sand dispenser. 2,542,588, Feb. 20.
Snow, Barton S., Batavia, Ill., assignor to T. W. Snow Construction Company. Sand dispenser. 2,561,148, July 17.
Snow Cones, Inc., assignee: *See*—
Browne, Ollie H.
Snow, Donald L., Hempstead, S. F. Varian, Garden City, C. Dodd and L. R. Hildebrand, Hempstead, N. Y., assignors to The Sperry Corporation. High-frequency tube structure and system. 2,540,142, Feb. 6.
Snow, Floyd E., Pasadena, assignor to Technical Coatings, Inc., Los Angeles, Calif. Sealed channel protector for blind nuts. 2,572,401, Oct. 23.
Snow, Kenneth T., assignee: *See*—
Olson, Raymond G.
Snow, Kenneth T., Oak Park, Ill., assignor to International Harvester Company. Taper bearing race gauge. 2,551,471, May 1.
Snow, Kilbourn H., assignor to The Sparks-Withington Company, Jackson, Mich. Deep well cooker with adjustable heating element. 2,568,973, Sept. 25.
Snow-Nabstedt Gear Corporation, The, assignee: *See*—
Nabstedt, Arthur T., and Berndtson.
Snow, Robert R., St. Catharines, Ontario, Canada, assignor to General Motors Corporation, Detroit, Mich. Apparatus for producing sand cores and the like. 2,545,799, Mar. 20.
Snow, T. W., Construction Company, assignee: *See*—
Snow, Barton S.
Snow, Virgil L., Beverly Hills Drive, and W. F. Double, Wickliffe, assignors to The Euclid Road Machinery Co., Euclid, Ohio. Axle with wheel-type planetary drive. 2,543,811, Mar. 6.
Snowden, John L., United States Army., Wilmington, Del. Muzzle cover for firearms. 2,558,792, July 3.
Snowden, Ward E., Modesto, Calif. Railroad car gassing device. 2,549,255, Apr. 17.
Snowfield, Thorarin B., Cavalier, N. Dak. Coin controlled dispenser for bulk vendors. 2,565,275, Aug. 21.
Snowman, Preston W., Medway, Maine. Pneumatic device for cleaning the scalp and hair. 2,555,941, June 5.
Snyder, Charles, East Orange, N. J. Planetary unit. 2,546,173, Mar. 27.
Snyder, Clermont J., Hastings on Hudson, N. Y., assignor to Anaconda Wire and Cable Company. Creep-resistant lead base alloys. 2,570,501, Oct. 9.
Snyder, Ellsworth B., Somerville, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Radio-frequency bar sealer and control apparatus therefor. 2,539,375, Jan. 23.
Snyder, Eric G., Philadelphia, and J. W. Opie, Drexel Hill, assignors to Wyeth Incorporated, Philadelphia, Pa. Deacidifying solutions. 2,538,479, Jan. 16.
Snyder, Eugene, and F. P. Heller, Philadelphia, assignors to American Chemical Paint Company, Ambler, Pa. Phosphatizing ferriferous surfaces. 2,552,874, May 15.
Snyder, Eugene L., Canton, assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,555,253, May 29.
Snyder, Eugene L., Fort Lauderdale, Fla., assignor to The Hoover Company, North Canton, Ohio. Electric toaster. 2,546,910, Mar. 27.
Snyder, Floyd C., assignee: *See*—
Silva, Lawrence M.
Snyder, Francis P., Davenport, and R. S. Hendry, Bettendorf, Iowa. Mold chaplet. 2,560,258, July 10.
Snyder, George, Detroit, assignor to Ford Motor Company, Dearborn, Mich. Rearview mirror for motor vehicles. 2,563,287, Aug. 7.
Snyder, George, Seattle, Wash., assignor to Boeing Airplane Company. Attachment means for aircraft components. 2,538,433, Jan. 16.
Snyder, George H., Toledo, Ohio. Hydraulic transmission. 2,556,666, June 12.
Snyder, George H., Toledo, Ohio. Apparatus for extruding the contents of collapsible tubes. 2,558,916, July 3.
Snyder, George H., Toledo, Ohio. Device for squeezing and storing collapsible tubes comprising a hollow casing with rollers therein. 2,566,503, Sept. 4.
Snyder, George L., Downingtown, assignor to Lukens Steel Company, Coatesville, Pa. Roll. 2,538,985, Jan. 23.
Snyder, Harold R., Urbana, Ill., and J. M. Stewart, Missoula, Mont., assignors to Phillips Petroleum Company. Beta-thioalkyl mercaptan promoter-modifiers for conjugated diolefin polymerizations. 2,574,894, Nov. 13.
Snyder, Harold S.: *See*—
Woolson, Ferdinand C., Snyder, and Jacobs.
Snyder, Henry A., Kansas City, Mo. Surfacing and cleaning aluminum bakepans. 2,553,064, May 15.
Snyder, Henry W., West Allis, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Welding transformer control system. 2,540,837, Feb. 6.
Snyder, Henry W., West Allis, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Welding transformer control system. 2,540,838, Feb. 6.
Snyder, Jacob R., assignor to Thompson Products, Inc., Cleveland, Ohio. Seal assembly for flow control devices. 2,548,128, Apr. 10.
Snyder, Jacob R., Cleveland, Ohio. Fastening for rails. 2,553,950, May 22.
Snyder, James E., assignor to Wingfoot Corporation, Akron, Ohio. Bag structure, and particularly the closure therefor. 2,541,674, Feb. 13.
Snyder, James E., assignor to Wingfoot Corporation, Akron, Ohio. Package. 2,545,710, Mar. 20.
Snyder, James E., assignor to Wingfoot Corporation, Akron, Ohio. Package. 2,554,157, May 22.
Snyder, James E., assignor to Wingfoot Corporation, Akron, Ohio. Tear tape. 2,579,443, Dec. 18.
Snyder, John C.: *See*—
Groose, Aristid V., and Snyder.
Snyder, John R., Bakersfield, Calif. Bobby pin opener. 2,546,528, Mar. 27.
Snyder, Leland H., Chicago, Ill., assignor, by mesne assignments, to Knapp-Monarch Company, St. Louis, Mo. Adjustable height mechanism for floor cleaners. 2,537,166, Jan. 9.
Snyder, Leland H., Chicago, Ill., assignor, by mesne assignments, to Knapp-Monarch Company, St. Louis, Mo. Coffee maker. 2,537,167, Jan. 9.
Snyder, Leland H., Chicago, Ill., assignor, by mesne assignments, to Knapp-Monarch Company, St. Louis, Mo. Vacuum cleaner casing construction. 2,540,763, Feb. 6.
Snyder, Leland H., Chicago, Ill., assignor, by mesne assignments, to Knapp-Monarch Company, St. Louis, Mo. Handle assembly. 2,571,389, Oct. 16.
Snyder, Leonard L., Montebello, Calif. Backflow prevention apparatus. 2,538,281, Jan. 16.
Snyder, Leonard W., Mount Prospect, assignor to Container Corporation of America, Chicago, Ill. Re-usable container. 2,544,283, Mar. 6.
Snyder, Lottie M., assignee: *See*—
Snyder, William A.
Snyder, Myron J., Flint, Mich. Automatic humidity regulating means for rooms. 2,560,006, July 10.
Snyder, Omar E.: *See*—
Bechtold, Max F., and Snyder.

Snyder, Richard L., Jr., Aberdeen, Md., assignor to Radio Corporation of America. Color television tube. 2,571,-991, Oct. 16.
Snyder, Richard L., Jr., Glassboro, N. J. Selector switching apparatus. 2,557,480, June 19.
Snyder, Richard L., Jr., Princeton, N. J., assignor to Radio Corporation of America. Electron tube. 2,548,405, Apr. 10.
Snyder, Richard L., Jr., Princeton, N. J., assignor to Radio Corporation of America. Plural beam tube. 2,563,500, Aug. 7.
Snyder, Robert H., Chicago, Ill., assignor to United States Rubber Company, New York, N. Y. Copolymer of dimethallyl ether and an alkyl acrylate. 2,539,706, Jan. 30.
Snyder, Samuel, assignee: *See*—
Weaver, James C.
Snyder, Vilas L., Wichita, Kans. Automatic tape measure. 2,575,077, Nov. 13.
Snyder, Virgil B., Washtucna, Wash. Multiple-drill tractor hitch. 2,569,736, Oct. 2.
Snyder, William A., Los Angeles, Calif., assignor of one-half to L. M. Snyder. Two section folding cabinet table top. 2,566,256, Aug. 28.
Snyder, William L., Jerome, Idaho. Potato harvesting attachment for tractors. 2,562,338, July 31.
Soabar Company, assignee: *See*—
Henry, Walton M.
Soapsudzer, Incorporated, assignee: *See*—
Wood, Bennie A.
Soave, John G., assignor to Waldes Kohlinoor, Inc., Long Island City, N. Y. Slide fastener. 2,571,072, Oct. 9.
Soave, John G., assignor to Waldes Kohinoor, Inc., Long Island City, N. Y. Actuating means for fastener driving machines. 2,580,135, Dec. 25.
Sobá, Jose G., Ciudad Trujillo, Dominican Republic. Multiple X-ray picture seriating device. 2,545,899, Mar. 20.
Sobel, Charles, New York, and R. G. De Giovine, Jackson Heights, assignors to Reeves Instrument Corporation, New York, N. Y. Wave guide clip. 2,548,404, Apr. 10.
Sober, John A.: *See*—
Mikulak, John, Sober, and Sult.
Soberg, Arnold S., Elmhurst, assignor to Sochris Development Company, Chicago, Ill. Pump. 2,562,584, July 31.
Soberg, Arnold S., Maywood, assignor to Sochris Development Company, Chicago, Ill. Pump. 2,555,613, June 5.
Sobers, Winfield B., Milwaukee, Wis. Wheeled golf club carrier. 2,539,336, Jan. 23.
Sobers, Winfield B., Milwaukee, Wis., assignor to Precision Scientific Company, Chicago, Ill. Support for laboratory filtering apparatus or the like. 2,566,430, Sept. 4.
Soby, William, Hayes End, assignor to Electric and Musical Industries Limited, Hayes, England. Metallizing surfaces. 2,551,712, May 8.
Sochor, Josef, Prague, Czechoslovakia. Locking device for vehicle bodies. 2,554,962, May 29.
Sochris Development Company, assignee: *See*—
Soberg, Arnold S.
Società Applicazioni Gomma Antivibranti, assignee: *See*—
Boschi, Antonio.
Societa per Azioni Officine Galileo, assignee: *See*—
Santoni, Ermenegildo.
Societe a Responsabilite Limitee Fonderie de Precision, assignee: *See*—
Nau-Touron, Albert.
Societe a responsabilite limitee: "Societe des Mecaniques Verdol," assignee: *See*—
Dalle, Olivier H. M. J.
Societe a Responsabilite Limite Gaz et Chaleur, assignee: *See*—
Mélot, Henri F.
Societe Anonyme Andre Citroen, assignee: *See*—
Du Rostu, Georges L.
Levesque du Rostu, Georges.
Société anonyme: Compagnie Industrielle de Machines Automatiques de Comptabilite, assignee: *See*—
Baldé, Ulysse L. G.
Societe Anonyme de Commentry-Fourchambault & Dacazeville, assignee: *See*—
Schuller, Pierre.
Societe Anonyme de Construction de Materiel Automobile, assignee: *See*—
Mennesson, Marcel.
Societe Anonyme de Construction de Materiel Automobile (S. A. C. M. A.), assignee: *See*—
Mennesson, Marcel.
Societe Anonyme de Matieres Colorantes et Produits Chimiques Francolor, assignee: *See*—
Durr, André H. V., Wendling, and Gardedieu.
Marschalk, Charles, and Niederhauser.
Petitcolas, Pierre, Sureau, and Richard.
Société Anonyme des Anciens Etablissements Panhard & Levassor, assignee: *See*—
Panhard, Paul.
Société Anonyme des Ateliers d'Aviation Louis Breguet assignee: *See*—
Devillers, René.
Societe Anonyme des Etablissements Charles Testut, assignee: *See*—
Body, Rene L. J.
Societe Anonyme des Etablissements Neu, assignee: *See*—
Sallou, Jean.
Société Anonyme des Hauts-Fourneaux & Fonderies de Pont-a-Mousson, assignee: *See*—
Laurent, André.
Societe Anonyme des Manufacturers des Glaces et Produits Chimiques de Saint-Bogain, Chauny & Cirey, assignee: *See*—
Borel, Edouard V., and Cardot.
Societe Anonyme des Manufactures des Glaces et produits Chimiques de Saint-Gobain: *See*—
Dupont, Paul.
Societe Anonyme des Manufactures des Glaces & Produits Chimiques de Saint-Gobain, Chauny & Cirey: *See*—
Arbeit, Pierre.
Faton, Joseph L. R.
Lambert, Roger E.
Peyches, Ivan.
Ramain, Michel H. M. L.
Touvay, Robert G. R.
Societe Anonyme des Pneumatiques Dunlop, assignee: *See*—
Nebout, Noël J.
Societe Anonyme des Usines Chausson, assignee: *See*—
Chausson, Gaston.
Societe anonyme dite Centre d'Etudes M. B. A. (Mecanique Balistique Armement), assignee: *See*—
Gourdon, Robert.
Société Anonyme dite: Compagnie des Freins & Signaux Westinghouse, assignee: *See*—
Mataré, Herbert F.
Mataré, Herbert F., and Poilleaux.
Societe Anonyme dite: Etablissements Edgar Brandt, assignee: *See*—
Schwayder, Robert
Societe Anonyme dite: Forges et Ateliers de Constructions Electriques de Jeumont, assignee: *See*—
Cremer, Michel.
Heidmann, Leon.
Thibaudat, Albert.
Societe Anonyme dite: Glaces et Cremes Glacees Ch. Gervais, assignee: *See*—
Lhermitte, Yves, and Besson.
Societe Anonyme dite: "Societe Lamex," assignee: *See*—
Drelon, Rémi.
Societe Anonyme dite: Societe Marocaine de Constructions Mecaniques, assignee: *See*—
Chaillot, Roger A.
Societe anonyme dite: Standard Francaise des Petroles, assignee: *See*—
Hemmer, Lucien, and Balvay.
Societe Anonyme Electromecanique, assignee: *See*—
Lucas, Paul.
Societe Anonyme Freins Jourdain Monneret, assignee: *See*—
Zouckermann, Armand.
Zuckermann, Armand.
Société Anonyme Minimax, assignee: *See*—
Vanmalcot, Gustaaf A.
Société Anonyme pour l'Industrie de l'Aluminium, assignee: *See*—
Schiltknecht, Adolf.
Societe Anonyme pour les Applications de l'Electricite et des Gaz Rares-Etablissements Claude-Paz et Silva, assignee: *See*—
Lemaigre-Voreaux, Pierre.
Société Anonyme so-called: Office Central de Chauffe Rationnelle, assignee: *See*—
Le Coent, Albert, Guillon, and Roubinet.
Societe Anonyme Societe Nationale de Constructions Aeronautiques du Sud Est.: *See*—
Briend, Paul.
Societe Auxiliaire d'Etudes Electrotechniques, assignee: *See*—
Tuot, Raymond A.
Société: Chimie et Atomistique, assignee: *See*—
Himbert, Jean G., and Libermann.
Societe Civile Bemex, assignee: *See*—
Couraud, Raymond E.
Societe Civile des Brevets O. B., assignee: *See*—
Olliver, Charles W.
Societe Civile d'Etude des Brevets Valac, assignee: *See*—
Delaval, Marie R., born Cuizat.
Societe Civile d'Etudes & Inventions Liber (S. E. I. L. I. B.), assignee: *See*—
Liber, Henri S.
Societe Civils des Brevets Logabax, assignee: *See*—
Campos, Francisco.
Société Continentale et Coloniale de Construction, Société Anonyme, assignee: *See*—
Janssens van der Maelen, Christian M. C.
Societe Cri-Dan, assignee: *See*—
Castelli, Xavier F.
Societe d'Application des Brevets Cotal, assignee: *See*—
Hubert, Louis.
Societe d'Applications et de Constructions pour Materiel Automobile (S. A. C. M. A) S. A. R. L., assignee: *See*—
Mennesson, Marcel.
Societe D'Applications Generales D'Electricite et de Mecanique Sagem, assignee: *See*—
Estoup, Jean.
Societe de Construction des Batignolles, assignee: *See*—
Marry, Raoul M. F. A.
Societe de Construction d'Outillage Mecanique, SCOM, Dutelle, Gervaise and Co., assignee: *See*—
Dutelle, André.

Societe d'Electricite Mors, assignee: *See*—
Le Goff, Lucien J. A.
Societe de L'Institut de Serotherapie Hemopoietique, assignee: *See*—
Crut, Georges L. A.
Societe de Robinetterie S. A. J., assignee: *See*—
Chaboisseau, Lucien.
Francois, Pierre.
Societe d'Electro-Chimie, d'Electro-Metallurgie et des Acieries Electriques d'Ugine, assignee: *See*—
Guillaud, Charles.
Guitton, Louis.
Société des Accumulateurs Fixes et de Traction, assignee: *See*—
Salauze, Jean.
Société des Ateliers et Chantiers de France, assignee: Carlotti, Pierre.
Société des Brevets Kegresse, S. E. K., assignee: *See*—
Grandgirard, Henri.
Société des Etablissements Japy Frères, assignee: *See*—
Balzeau, Charles, and Mousset.
Societe des Forges et Ateliers du Creusot, assignee: *See*—
Prache, Jacques E.
Société des Papiers et Cartons Couchés "Lux," assignee: *See*—
Martinet, Noël.
Société des Usines Chimiques Rhone-Poulenc, assignee: *See*—
Bessot, Leonce E., and Garet.
Bidaud, Auguste F.
Bidaud, Auguste F., and Dumont.
Bidaud, Auguste F., and Peyrot.
Charpentier, Paul.
Collardeau, Georges, and Fluchaire.
Fluchaire, Maurice L. A., and Collardeau.
Fourneau, Ernest.
Jacob, Robert M., Bo, and Robert.
Max-Claudet, Aymon F.
Peyrot, Pierre P., and Chevalier.
Peyrot, Pierre P., and Dumoulin.
"Societe d'Etudes & de Participations: Eau, Gaz, Electricité, Energie," S. A., assignee: *See*—
Horgen, Helge B.
Huber, Robert.
Huber, Robert, and Félix.
Societe d'Exploitation de Brevets, assignee: *See*—
Petit, Jean F. G.
Societe d'Inventions Aeronautiques et Mecaniques S. I. A. M., assignee: *See*—
Levy, René L.
Societe dite: Societe Nationale d'Etude et de Construction de Moteurs d'Aviation, assignee: *See*—
Guery, Albert M.
Société d'Optique & de Mecanique de Haute Precision, assignee: *See*—
Cuvillier, Roger H. R.
Societe Electro-Mecanique de L'Aveyron S. A., assignee: *See*—
Bessière, Pierre E.
Societe en Nom Collectif des Brevets Florimond Delepierre, assignee: *See*—
Delepierre, Florimond, and Ghesquiers.
Societe Forges de Syan, assignee: *See*—
Coquille, Alexandre.
Societe Francaise des Charbonnages du Tonkin, assignee: *See*—
Bauchesne, Paul, and Deville.
Societe Francaise des Telecommunications, assignee: *See*—
Bataille, Roger.
Boschi, Antonio.
Mélot, Henri F.
Societe Francaise Radio Electrique, assignee: *See*—
Chireix, Henri.
Ponte, Maurice.
Torcheux, Émile.
Villem, Raymond.
Societe française Sadir-Carpentier, assignee: *See*—
Aicardi, Joseph.
Aribert, Charles.
Bodez, Pierre.
Gloess, Paul.
Gloess, Paul F. M.
Le Calvez, Philippe Y. M.
Marie, Georges R. P.
Potier, Gaston, and Cornet.
Société Futs Metalliques Gallay, assignee: *See*—
Rueg, Georges L.
Societe Generale d' Applications Electro-Thermiques, assignee: *See*—
Parage, Maurice A.
Societe Generale Meuliere La Ferte-Sous-Jouarre (Seine and Marne), assignee: *See*—
Tourneur, Maurice, and Renault.
Societe Genevoise d'Instruments de Physique, assignee: *See*—
Mottu, André.
Senglet, Serge.
Turrettini, Fernand.
Societe Horlogere de Porrentruy Phenix Watch Co. S. A., assignee: *See*—
Knecht, Henri.
Societe Industrielle Generale de Mecanique Appliquee (S. I. G. M. A.), assignee: *See*—
Rorive, Arille.
Societe Internationale des Brevets et Prise de Son (Ste. anonyme), assignee: *See*—
Hawadier, Marie J. A. J.
Societe La Cellophane (Swisse), assignee: *See*—
Brandenberger, Jacques E.
Societe: Le Carbone-Lorraine, assignee: *See*—
Albagnac, Jean A.
Oswald, Marcel.
Portail, Fernand.
Societe Le Teleampliphone, assignee: *See*—
Jeanlin, Pierre.
Societe: Les Fils de Peugeot Freres, assignee: *See*—
De le Source, Charles.
Societe Lorraine des Acieries de Rombas (Societe Anonyme), assignee: *See*—
Brun, Max A., and Sauvage.
Societe Maxicalor, assignee: *See*—
Berthelot, Jean.
Societe Nationale de Constructions Aeronautiques du Sud-Est, assignee: *See*—
Lecarme, Jacques.
Vautier, André.
Societe Nationale de Constructions Aeronautiques du Sud-Ouest (Societe Anonyme), assignee: *See*—
Servanty, Lucien.
Societe Nationale des Chemins de Fer Français: *See*—
Delor, Gaston C.
Societe Nationale d'Etude et de Construction de Moteurs d'Aviation, assignee: *See*—
Bertin, Jean H., and Marchal.
Roy, Maurice.
Societe Nobel Francaise, assignee: *See*—
Talet, Pierre A.
Talet, Pierre A., and Cor.
Societe Nouvelle des Etablissements Jumo, assignee: *See*—
Mounique, André.
Societe Novacel, assignee: *See*—
Picard, René, and Bonnet.
Société Organico, assigne: *See*—
Genas, Michailas.
Societe Porte & Gardin, assignee: *See*—
Jarige, André.
Societe Rateau (Societe Anonyme), assignee: *See*—
Anxionnaz, René, and Imbert.
Imbert, Roger J.
Sédille, Marcel H. L.
Waeselynck, Raymond F. M.
Societe Rhodiaceta, assignee: *See*—
Fraizy, Jean, and Rony.
Rouge, Marcel.
Stuchlik, René E. F.
Societe Saint Freres (Societe Anonyme), assignee: *See*—
Rabeux, Jean, and Jacob.
Societe Schneider & Cie, assignee: *See*—
Fieux, Jean.
Societe Suisse d'Electricite et de Traction, assignee: *See*—
Tuot, Raymond A.
Societe: Volcan S. A., assignee: *See*—
Geffroy, Robert R. L.
Society Bernardau & Cie, assignee: *See*—
Beaudet, Louis.
"Society Brevets Aero-Mecaniques," S. A., assignee: *See*—
Maillard, Bernard.
Weiss, Willi.
Society called "Solex," S. A. R. L., assignee: *See*—
Griffon, Caston.
Society "Silto," S. A., assignee: *See*—
Bessierè, Pierre E., and Ponsy.
Socke, John E.: *See*—
Nordquist, Ronald E. J., and Socke.
Socol, Edward E., Chicago, Ill. Combination bed, chair, and rocking exerciser. 2,562,339, July 31.
Socony-Vacuum Oil Company, assignee: *See*—
Clewell, Dayton H.
Evans, Louis P., and Lee, Hagerbaumer.
Socony-Vacuum Oil Company, Incorporated, assignee: *See*—
Andress, Harry J., Jr.
Augustine, Frederick B.
Backensto, Elwood B.
Badertscher, Darwin E., and Feasley.
Badertscher, Darwin E., and King.
Baker, Ronald A.
Beard, Charles I.
Beard, Leslie C., Jr., and White.
Bergstrom, Eric V.
Bergstrom, Eric V., and Visconty.
Bodkin, Ernest A., and Payne.
Bray, Ellis E.
Brooks, John W.
Brooks, John W., and Lukasiewicz.
Brooks, John W., and Sachanen.
Brockman, Frank G., and Centofanti.
Byer, Clinton E., and Manley.
Caesar, Philip D.
Caesar, Phillip D., and Waldo.
Carmichael, Emmett S., and Armstrong.
Cauley, Stephen P.
Chapman, Harold D., and Denton.
Clewell, Dayton H.

Socony-Vacuum Oil Company, Incorporated, assignee: *See*—Continued.
Conover, George E., and McClure.
Coonradt, Harry L., and Hartough.
Crowley, John A., Jr.
Denton, William I., and Bishop.
Denton, William I., Bishop, and Nygaard.
Drew, Robert D.
Eichner, Edward R.
Evans, Louis P.
Feasley, Charles F., and Stover.
Fahnestock, Frank C.
Fontana, Celeste M.
Fontana, Celeste M., and Gorin.
Garwood, William E., Seger, Feasley, and Sachanen.
Giammaria, John J.
Gilhooly, James H.
Glassbrook, Clarence I.
Gorin, Manuel H., and Everett.
Gorin, Manuel H., and Sharp.
Greentree, Alexander, and Hermanson.
Hadden, Stuart T.
Hagerbaumer, William A.
Hartough, Howard D.
Hartough, Howard D., and Kosak.
Hartough, Howard D., and Lukasiewicz.
Hartough, Howard D., and Schick.
Hermanson, Donald A., and Biles.
Johnson, George C.
Johnson, Raymond P.
Kerr, Robert B.
Klimitas, Frank A., and Rasmussen.
Koft, Emil, Jr.
Kozacik, Alfred P., and Sachanen.
Lechthaler, Charles H.
Linden, Henry R.
Loper, George B.
Lukasiewicz, Sigmund J., and Sachanen.
McCarty, Malcolm D.
McLoad, Kenneth W.
Mellett, Dana S.
Norris, Henry D.
Oberright, Edward A.
Orkin, Bernard A., Richter.
Otto, Ferdinand P., and Barrettt.
Otto, Ferdinand P., Reiff, and Barrett.
Pabst, Arthur C., and Holzinger.
Penick, Joe E.
Pinney, Ernest F.
Reichertz, Paul P.
Richter, Frederick P.
Richter, Frederick P., and Fuller.
Rutledge, Thomas F., Seger, Sachanen, and Garwood.
Saxe, August W., and Kalichevsky.
Schick, John W., and Hartough.
Schick, John W., Hartough, and Badertscher.
Schlesman, Carleton H.
Schott, John E., and Laug.
Seger, Francis M., Feasley, and Sachanen.
Seger, Francis M., Garwood, and Sachanen.
Seger, Francis M., and Sachanen.
Shapiro, Abraham, and Clark.
Shaw, Everett F.
Simpson, Thomas P.
Squires, Rodney M.
Staff, William S.
Summers, Gerald C.
Trigg, Hastings S., Norris, and White.
Utterback, Ernest, and Fahnestock.
White, Ralph V., Norris, and Landis.
Yost, William J.

Sodano, Pasqualo A., Madison, N. J. Evaporative and capillarity tower. 2,546,479, Mar. 27.

Soden, Merle A., Anaheim, Calif. Milk temperature conditioning vessel. 2,576,050, Nov. 20.

Soderberg, David W.: *See*—
Richardson, James C., and Soderberg.

Söderberg, Gustav E., Stockholm, Sweden. Needle threader. 2,567,408, Sept. 11.

Soderberg, Gustave J., Babylon, N. Y. Chuck for polishing machines. 2,542,158, Feb. 20.

Soderquist, Leslie E., assignor to The McNeil Machine and Engineering Company, Akron, Ohio. Press for vulcanizing mechanical articles. 2,559,377, July 3.

Sodders, Noel S., Cleveland, Ohio. Thread-cutting sheet metal nut. 2,561,036, July 17.

Sodomka, Joseph E., Racine, Wis. Moisture removing means for the inker of lithographic presses and the like. 2,546,793, Mar. 27.

Soell, Frederick E., Estondale, Mass. Candy bar forming machine. 2,566,586, Sept. 4.

Sohn, C. H. Boehringer, assignee: *See*—
Thomä, Otto.

Sohn, Jesse S., Succasunna, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Thermochemically cutting metals. 2,575,736, Nov. 20.

Sohn, William H.: *See*—
Ridgely, Neville R., Jr., and Sohn.

Solfer, Max, assignor to The Chalk Line, Inc., Los Angeles, Calif. Chalk holder. 2,555,063, May 29.

Solleau, Robert L., assignor of forty per cent to V. A. Miranda, Baton Rouge, La. Dispenser for collapsible tubes. 2,551,909, May 8.

Soklaski, Leo, Brooklyn, N. Y. Comic reed whistle and the like. 2,542,720, Feb. 20.

Sokolik, Edward, New Brighton, Minn. Auxiliary valve for sprinkling. 2,549,537, Apr. 17.

Sokolik, Edward, New Brighton, Minn. Garment hanger. 2,553,282, May 15.

Sokolik, Edward, New Brighton, Minn. Pessary. 2,553,428, May 15.

Sokolik, Edward, New Brighton, Minn. Syringing appliance. 2,554,068, May 22.

Sokolik, Edward, New Brighton, Minn. Body lowering apparatus. 2,556,118, June 5.

Sokolik, Edward, New Brighton, Minn. Fishing pole accessory. 2,556,403, June 12.

Sokolik, Edward, New Brighton, Minn. Matching stripping for linoleum. 2,557,845, June 19.

Sokolik, Edward, New Brighton, Minn. Pen nib. 2,564,314, Aug. 14.

Sokolik, Edward, New Brighton, Minn. Surgical therapeutic appliance. 2,568,566, Sept. 18.

Sokolik, Edward, New Brighton, Minn. Syringe. 2,576,766, Nov. 27.

Sokolik, Edward, New Brighton, Minn. Fishing bobber. 2,578,852, Dec. 18.

Sokoloff, Boris T., and J. B. Redd, Lakeland, Fla. Treating citrus fruit pulp liquor. 2,559,685, July 10.

Sokoloff, Louis, Chicago, Ill. Lamp resistor. 2,550,169, Apr. 24.

Solamo, Hugo, assignee: *See*—
Järvinen, Eero M.

Solar Aircraft Company, assignee: *See*—
Slinkard, William C., and Duncan.

Solar Corporation, assignee: *See*—
Lund, Arthur D.

Solar Engineering & Equipment Co., assignee: *See*—
Martin, Bradford.

Solar Manufacturing Company, assignee: *See*—
Lowey, Fred.

Soldan, Lewis E., Chicago, Ill. Vibratory equipment. 2,565,785, Aug. 28.

Sole, William C., Bristow, Okla. Oscillating sheave support. 2,546,794, Mar. 27.

Solem, Andrew P.: *See*—
Markvart, Edwin J., and Solem.

Soler, Capdevila, Antonio, Barcelona, Spain. Secret or combination lock. 2,566,967, Sept. 4.

Solheim, Russell G., Racine, Wis. Ship salvaging apparatus. 2,536,103, Jan. 2.

Solicito, Frank, Bronx, assignor of one-half to P. P. Goodkin, New York, N. Y. Emergency fuel tank. 2,579,979, Dec. 25.

Solie, Harold L., Minneapolis, Minn. Sealing device. 2,573,504, Oct. 30.

Sollinger, Ferdinand P., Paterson, and M. M. Holben, Ridgewood, N. J., assignors to Wright Aeronautical Corporation. Multistage bladed rotor. 2,575,237, Nov. 13.

Sollmann, Carl H., Montclair, assignor to Kidde Manufacturing Co., Inc., Bloomfield, N. J. Siphon bottle with aeration and dispensing control means. 2,547,052, Apr. 3.

Sollmann, Carl H., Montclair, assignor to Kidde Manufacturing Co., Inc., Bloomfield, N. J. Oxygen regulator. 2,575,366, Nov. 20.

Sollner, Hugo: *See*—
Johnson, Elmer L., and Sollner.

Solness, Tuomo T., Epsom, Auckland, New Zealand, assignor to Stromberg-Carlson (Australasia) Proprietary Limited, Alexandria, near Sydney, Australia. Pressure roller apparatus. 2,554,885, May 29.

Solo Products Corporation, assignee: *See*—
Feyrer, William F., and Solomon.
Solomon, Nathan L., Anderson, and Feyrer.

Solomito, Joseph, Bloomington, Ind. Machine for making course height stone veneer. Re. 23,423, Oct. 23.

Solomon, Bert P., Detroit, Mich. Pleating device. 2,558,467, June 26.

Solomon, Cecil, New York, N. Y. Slide rule. 2,569,202, Sept. 25.

Solomon, Ernest, Nutley, assignor to The M. W. Kellogg Company, Jersey City, N. J. Separation of organic compounds. 2,540,143, Feb. 6.

Solomon, Ernest, Nutley, assignor to The M. W. Kellogg Company, Jersey City, N. J. Dehydration of organic acids. 2,567,244, Sept. 11.

Solomon, Florence W., assignee: *See*—
Solomon, Randolph and M. R.

Solomon, Ira J.: *See*—
Brunot, Albert W., Fulton, and Solomon.

Solomon, Julius L., assignor to Welding Research, Inc., Chicago, Ill. Electronic control circuit. 2,564,347, Aug. 14.

Solomon, Martha L., assignee: *See*—
Solomon, Randolph and M. R.

Solomon, Marvin R.: *See*—
Solomon, Randolph and M. R.

Solomon, Nathan L.: *See*—
Feyrer, William F., and Solomon.

Solomon, Nathan L., Englewood, N. J. Package of trays. 2,546,875, Mar. 27.

Solomon, Nathan L., Englewood, N. J. Curl holding device. 2,558,225, June 26.

Solomon, Nathan L., and W. F. Feyrer, Englewood, and A. E. Anderson, Oradell, N. J.; said Feyrer and said Anderson assignors to said Solomon. Curl setting device. 2,544,364, Mar. 6.

Solomon, Nathan L., Englewood, A. E. Anderson, Oradell, and W. F. Feyrer, Englewood, N. J., assignors to Solo Products Corporation. Machine for automatically packaging conveyer supported products. 2,574,196, Nov. 6.

Solomon, Randolph, Washington, D. C., and M. R. Solomon said R. Solomon, assignor of one-fourth to F. W. Solomon and said M. R. Solomon assignor of one-fourth to M. L. Solomon, Alexandria, Va. Apparatus for producing simulated snowstorms. 2,543,606, Feb. 27.

Solomon, Saul, Collingswood, N. J., asignor to Radio Corporation of America. Frequency modulation detector circuits. 2,561,149, July 17.

Solomons, Isaiah A.: *See*—
Regna, Peter P., and Solomons.
Regna, Peter P., Solomons, and Pasternack.

Solomons, Isaiah A., III: *See*—
Regna, Peter P., and Solomons.

Solomons, Isaiah A., III, Garden City, N. Y., assignor to Chas. Pfizer & Co., Inc., Wilmington, Del. Streptomycin preparation. 2,565,402, Aug. 21.

Solow, Benjamin, Bronx, N. Y. Gaseous discharge tube circuit. 2,540,015, Jan. 30.

Solvay & Cie, assignee: *See*—
De Prez, Charles, and Basilewsky.
Deprez, Charles, and Basilewsky.

Solvent Extraction Process, assignee: *See*—
Polly, Orville L., and Berg.

Soma, Andrew, Winthrop Harbor, Ill. Fishing lure. 2,557,577, June 19.

Somer, Väinö H., assignor of one-half to Aktiebolaget Kaukas Fabrik, Lauritsala, Finland. Recovering sulfur dioxide in liquid form. 2,564,452, Aug. 14.

Somer, Väinö H., Lauritsala, and T. E. Brehmer, Jarvenpaa, assignors of one-half to said Somer and one-half to Aktiebolaget Kaukas Fabrik, Lauritsala, Finland. Increasing the sulfur dioxide content of the cooking acid used in the manufacture of sulfite pulp. 2,545,389, Mar. 13.

Somers, Frank J., Rockville Centre, N. Y., assignor to Radio Corporation of America. Signal indicating system. 2,540,179, Feb. 6.

Somers, Richard M.: *See*—
Dann, Charles W., and Somers.

Somers, Richard M., assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Reel-type phonographic machine. 2,536,666, Jan. 2.

Somers, Richard M., assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Phonograph control mechanism. 2,537,194, Jan. 9.

Somers, Richard M., assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Closure for phonographs. 2,538,392, Jan. 16.

Somers, Richard M., assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Method of and apparatus for reconditioning phonographic records. 2,578,457, Dec. 11.

Somersall, William W., Natick, Mass., assignor to Beckwith Manufacturing Company, Dover, N. H. Safety box toe. 2,565,051, Aug. 21.

Somerville, Albert A., Carmel, assignor to R. T. Vanderbilt Company, Inc., New York, N. Y. High-temperature vulcanization. 2,549,396, Apr. 17.

Somerville, Gareth G., Pittsfield, Mass., assignor to General Electric Company. Making laminated magnetic cores. 2,548,628, Apr. 10.

Somerville, Gareth G., Pittsfield, Mass., assignor to General Electric Company. Electrical induction apparatus. 2,548,629, Apr. 10.

Somerville, James, Manchester, England. Wind musical instrument. 2,536,667, Jan. 2.

Somerville, James, Manchester, England. Adjustable pressure ring for drums. 2,564,933, Aug. 21.

Somerville Limited, assignee: *See*—
Mires, Joseph E.

Somerville, Thomas, III, assignee, trustee: *See*—
Clark, John R.

Somes, Howard E., Detroit, Mich., assignor, by mesne assignments, to The Ohio Crankshaft Company, Cleveland, Ohio. Hardened metallic structure. 2,541,114, Feb. 13.

Somes, Howard E., Detroit, Mich., assignor, by mesne assignments, to The Ohio Crankshaft Company, Cleveland, Ohio. Hardened metallic structure. 2,541,115, Feb. 13.

Somes, Howard E., Detroit, Mich., assignor, by mesne assignments, to The Ohio Crankshaft Company, Cleveland, Ohio. Hardened metallic structure. 2,541,116, Feb. 13.

Somes, Howard E., Jr., and O. Marquardt, Detroit, Mich., assignors, by mesne assignments, to The Ohio Crankshaft Company, Cleveland, Ohio. Quenching. 2,547,053, Apr. 3.

Sommarstrom, Clifford E., assignor to Waldrip Engineering Co., Hollydale, Calif. Portable derrick or mast. 2,556,948, June 12.

Sommaruga, Hector, London, England. Saxophone. 2,551,177, May 1.

Sommer, Albert: *See*—
Goldschmidt, Max, and Sommer.

Sommer, Albert, assignor to Impact Mixing Corporation, New York, N. Y. Preparing coated particle compositions. 2,572,068, Oct. 23.

Sommer, Alfred, Iver, assignor to Electric & Musical Industries Limited, Hayes, England. Making photoelectric cathodes. 2,574,356, Nov. 6.

Sommer, Charles H., Issy-Les-Moulineaux, France. Chlorination of rubber-fatty acid mixtures. 2,536,579, Jan. 2.

Sommer, Harry J.: *See*—
Naps, Marguerite, and Sommer.

Sommer, Leo H., State College, Pa., assignor to Dow Corning Corporation, Midland, Mich. Organosilyl alkyl amines and their hydrochlorides. 2,557,802, June 19.

Sommer, Leo H., State College, Pa., assignor to Dow Corning Corporation, Midland, Mich. Bis-amino alkyl siloxanes and their hydrochlorides. 2,557,803, June 19.

Sommerfeldt, Ervin L.: *See*—
Anderson, Henry C., and Sommerfeldt.

Sommerfield, Edmund H.: *See*—
Stoesser, Wesley C., and Sommerfield.

Somogyi, Erwin G., Springfield, Mass., assignor to Monsanto Chemical Company, St. Louis, Mo. Stabilization of benzyl chloride. 2,542,216, Feb. 20.

Somogyi, Erwin G., Springfield, Mass., assignor to Monsanto Chemical Company, St. Louis, Mo. Preparation of alkyl cyanoacetates. 2,553,065, May 15.

Son, Anthony J., Boston, assignor to Sonco, Inc., Mattapan, Mass. Dental syringe. 2,545,115, Mar. 13.

Son, Anthony J., Boston, assignor to Sonco, Inc., Mattapan, Mass. Hypodermic and spinal syringe. 2,559,474, July 3.

Sonco, Inc., assignee: *See*—
Son, Anthony J.

Sondak, Irving M.: *See*—
Frankel, Charles H., and Sondak.

Sonderegger, Carl E., Bern, Switzerland. Pocket comb. 2,551,472, May 1.

Sondern, Clarence W.: *See*—
Lorenz, Frederick W., and Sondern.

Sondern, Clarence W., Mendham, and P. J. Breivogel, Glen Ridge, assignors to White Laboratories, Incorporated, Newark, N. J. 2-[N-(b-dimethylaminomethyl)-N-(4-methoxybenzyl)-amino]-thiazole and making same. 2,545,498, Mar. 20.

Sonette Company, assignee: *See*—
Bashore, Homer H.

Songer, Charles J., assignee: *See*—
McNerney, Robert P.

Sonia, Joseph A., assignor to Hooker Electrochemical Company, Niagara Falls, N. Y. Production of chloral and choral hydrate, and their phenyl condensation product. 2,558,319, June 26.

Sonic Research Corporation, assignee: *See*—
Horsley, Caperton B., and Seavey.

Sonneborn, L., Sons, Inc., assignee: *See*—
Breth, Ferdinand W.
Silverman, Isador, and Moscowitz.

Sonneman, William K., Roselle Park, N. J., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Control system. 2,546,021, Mar. 20.

Sonnemann, William K., Roselle Park, N. J., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Protective relay system. 2,561,998, July 24.

Sonnemann, William K., Roselle Park, N. J., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Product-type relay. 2,579,622, Dec. 25.

Sonnenberg, Rudolph, assignor to Mid-West Bottle Cap Co., Belvidere, Ill. Nested bottle cap package. 2,576,650, Nov. 27.

Sonnenfeldt, Richard W.: *See*—
Dempsey, John L., and Sonnenfeldt.

Sonntag, Helmuth C.: *See*—
Dulken, Charles F., Sonntag and Westwater.

Sonntag, Robert, Dallas, Tex. Cooking stove ventilating canopy and mounting. 2,548,406, Apr. 10.

Sonoco Products Company, assignee: *See*—
Dunlap, Charles K.
Reid, Edward S.

Sonotone Corporation, assignee: *See*—
Crownover, Joseph W., and Koren.
Jacobus, Herbert R., Jr.
Jacobus, Herbert R., Jr., and Lipschultz.
Richman, Samuel L., and Fitchman.
Saldarini, Walter W.

Sontag, George C., and R. M. Wick, Milwaukee, Wis. Photograph exhibitor. 2,539,676, Jan. 30.

Sontag, Lothar A., assignor to Durez Plastics and Chemicals, Inc., North Tonawanda, N. Y. Mobilometer. 2,574,715, Nov. 13.

Sontag, Samuel: *See*—
Satz, Frank, Berns, and Sontag.

Sontheim, Rudolf F., Lynn, Mass., assignor to General Electric Company. Laminated magnetic suspension. 2,536,824, Jan. 2.

Soos, Joseph, assignor to The Gabriel Company, Cleveland, Ohio. Hose coupling. 2,561,827, July 24.

Sooy, Brainard E.: *See*—
Fisher, Harry C., and Sooy.

Soper, Glenn T.: *See*—
Ensign, George G., Hoppe, and Soper.

Soper, Quentin F.: *See*—
Behrens, Otto K., Jones, Soper, and Corse.

Soper, William J., Kingston, N. Y. Conveyor service tray for operating tables. 2,550,306, Apr. 24.

Soref, Harry E., assignor to Master Lock Company, Milwaukee, Wis. Display device. 2,563,754, Aug. 7.

Soref, Harry E., and D. J. Foote, assignors to Master Lock Company, Milwaukee, Wis. Display device. 2,565,440, Aug. 21.
Soreng, Edgar M.: *See*—
Fisher, Hardin Y., and Soreng.
Soreng Manufacturing Corporation, assignee: *See*—
Fisher, Hardin Y., and Soreng.
Sorensen, Andrew J., Edgewood, assignor to The Union Switch & Signal Company, Swissvale, Pa. Alarm apparatus for hot journal bearings and like hazards. 2,566,968, Sept. 4.
Sorensen, Andrew J., Edgewood, assignor to The Union Switch & Signal Company, Swissvale, Pa. Power supply means. 2,566,969, Sept. 4.
Sorensen, Andrew J., Edgewood, assignor to The Union Switch & Signal Company, Swissvale, Pa. Traffic protection apparatus. 2,567,897, Sept. 11.
Sorensen, Carl P., assignor to The Glenn L. Martin Company, Middle River, Md. Fastening device. 2,552,066, May 8.
Sorensen & Company, Inc., assignee: *See*—
Bunblasky, Adolph.
Helterline, Leo L., Jr., Best, and Bunblasky.
Sorensen, Edward M.
Sorensen, Edward M., deceased, by H. S. Sorensen, administratrix, assignor to Sorensen & Company, Inc., Stamford, Conn. Voltage regulator. 2,569,500, Oct. 2.
Sorensen, Harold K. I., Cambridge, Mass. Trawl runner. 2,548,915, Apr. 17.
Sorensen, Helen S., administratrix: *See*—
Sorensen, Edward M.
Sorensen, Madeline, Inglewood, Calif. Educational game device. 2,567,497, Sept. 11.
Sorensen, Otto E., Fairfield, Conn. Pinking shears and manufacturing same. 2,579,521, Dec. 25.
Sorensen, Victor W., Los Angeles, Calif., assignor to North American Aviation, Inc. Cowl fastener. 2,551,400, May 1.
Sorenson, Ben E., Drexel Hill, Pa., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Acylated phenol-formaldehyde resins containing ketene polymers of higher fatty acids. 2,544,365, Mar. 6.
Sorenson, Elsie M., Salt Lake City, Utah. Coin changer. 2,548,916, Apr. 17.
Sorenson, Wendell L., Great Neck, N. Y. Tie means for connecting members together and to a support. 2,540,495, Feb. 6.
Sorg, Earl H.: *See*—
Ruebensaal, Clayton F., and Sorg.
Sorg, Francis X., assignor to Stackpole Carbon Company, St. Marys, Pa. Ceramic resistor. 2,536,962, Jan. 2.
Sorg, Harold E.: *See*—
Eitel, William W., McCullough, and Sorg.
Sorg, Leonard V., R. E. Dickey, and W. A. Weaverling, Kansas City, Mo., assignors to Standard Oil Company, Chicago, Ill. Preventing corrosion in pipe-line transportation of refined petroleum oils. 2,548,630, Apr. 10.
Sorkin, Louis, Long Beach, N. Y. Microphone attachment for accordions. 2,575,142, Nov. 13.
Sorkin, Morris, New York, N. Y. Steroscopic camera. 2,541,555, Feb. 13.
Soroos, Harold: *See*—
Hill, Eugene F., and Soroos.
Sorrell, Claud O., Kirksville, Mo. Window structure. 2,555,204, May 29.
Sorvall, Ivan, Inc., assignee: *See*—
Hawtof, Israel J.
Sosnick, Benjamin, San Francisco, Calif. Foamlike metal. 2,553,016, May 15.
Sosnowich, Michael, Brooklyn, N. Y. Paper dust collecting bag for vacuum cleaners. 2,577,863, Dec. 11.
Soss, Charles J., Bloomfield Hills, assignor to Soss Manufacturing Company, Detroit, Mich. Olive knuckle butt hinge. 2,566,504, Sept. 4.
Soss Manufacturing Company, assignee: *See*—
Soss, Charles J.
Soss, Mark, Spokane, Wash. Fountain paintbrush. 2,537,377, Jan. 9.
Soss, Mark, Spokane, Wash. Vehicle mounted chain-saw wood sawing machine. 2,578,097, Dec. 11.
Sostmann, Morris J., and I. L. Phillips, Philadelphia, assignors to Philadelphia Textile Finishers, Inc., Norristown, Pa. Fire-resistant article, making, and impregnant therefor. 2,547,671, Apr. 3.
Souby, Armand M., Wooster, and J. C. Schiller, Baytown, Tex., assignors, by mesne assignments, to Standard Oil Development Company, Elizabeth, N. J. Producing ammonia. 2,550,389, Apr. 24,
Souders, Mott, Jr.: *See*—
Pierotti, Gino J., French, and Souders.
Souders, Mott, Jr., Piedmont, assignor to Shell Development Company, San Francisco, Calif. Solvent extraction for the separation of electrolytes. 2,556,228, June 12.
Souders, Mott, Jr., Piedmont, assignor to Shell Development Company, San Francisco, Calif. Separation of xylene isomers by solvent extraction. 2,562,068, July 24.
Soukaras, Komnenus M., Washington, D. C. Time characteristic determination of recurrent signals. 2,563,879, Aug. 14.
Soukup, Kenneth J., and J. H. Brady, Cleveland, Ohio. Internal gauge. 2,557,702, June 19.
Soule, Everett I.: *See*—
Soule, Raymond L. and R. L.
Soule, Harold B., Barrington, and G. W. Smithson, Pawtucket, R. I., assignors to Niles-Bement-Pond Company, West Hartford, Conn. Control for change-speed mechanisms. 2,557,896, June 19.
Soule, Harold B., Barrington, and G. W. Smithson, Pawtucket, R. I., assignors to Niles-Bement-Pond Company, West Hartford, Conn. Automatic speed and feed change mechanism for machine tools. 2,574,301, Nov. 6.
Soule, Raymond L., Burlington, and E. I. Soule, assignors to Raymond L. Soule and Everett I. Soule, Inc., St. Albans, Vt. Portable power-operated tree tapper. 2,563,195, Aug. 7.
Soulen, Peter J., Wauwatosa, assignor to Pal-O-Pak Insulation Company Inc., Hartland, Wis. Bagging machine with feed and feed cutoff operated by motor-driven and brake retarded receptacle support. 2,553,684, May 22.
Soules, James A.: *See*—
Swisher, Joseph R., and Soules.
Soundrill Corporation, assignee: *See*—
Bodine, Albert G., Jr.
Soundscriber Corporation, The, assignee: *See*—
Bacon, David L., and McLoughlin.
Balmer, Donald F.
Balmer, Donald F., and Runge.
Stone, Robert L.
Stone, Robert L., and Runge.
Thompson, Lincoln.
Souriau, Paul A., Billancourt, France. Connector having a locking ring camming the members into the engaged and disengaged positions. 2,561,677, July 24.
Sourwine, William A.: *See*—
Stoner, George H., and Sourwine.
Sourwine, William A., Eggertsville, N. Y., assignor to Curtiss-Wright Corporation. Strain measuring instrument. 2,544,400, Mar. 6.
Sousa, John R., Silver Spring, Md. Package assorting machine. 2,545,116, Mar. 13.
South, Benjamin J.: *See*—
Kuzmitz, Frank V.
South, Frank E., Weymouth, Mass. Coin wrapper and counter. 2,567,531, Sept. 11.
Southall, Earl E., assignee: *See*—
Schnitger, Wilbert F.
Southard, John C., Niagara Falls, assignor, by mesne assignments, to National Lead Company, New York, N. Y. Aluminum base alloy. 2,578,098, Dec. 11.
South Bend Tool and Die Co., Inc., assignee: *See*—
Julian, Fredrick C.
South Chester Corporation, assignee: *See*—
Barry, John K., Jr., and Hale.
Southerland, Shelva W., Carmi, Ill. Hydraulic weight indicating device for hoists, derricks, and the like. 2,551,178, May 1.
Southern, John, Newark, England. Self-priming centrifugal pump. 2,553,066, May 15.
Southern, John A., and L. J. Roth, United States Army, F. J. Licata, West Caldwell, N. J., and J. Cunder, United States Army, assignors to the United States of America as represented by the Secretary of War. Fuel compositions and their preparation. 2,570,990, Oct. 9.
Southern Prison Company, assignee: *See*—
White, Loyd J.
Southern Research Institute, assignee: *See*—
Taylor, Robert J., and Johnson.
Southern States Equipment Corporation, assignee: *See*—
Caldwell, John R.
Gussow, William A.
Southern, Thomas J., Great Kills, N. Y. Ruler. 2,543,476, Feb. 27.
Southern Welding & Machinery Company, assignee: *See*—
Alexander, Everett C.
Harmon, Robert R.
Southern Wood Preserving Company, assignee: *See*—
Rogers, Thomas G.
Southern California Gas Company, assignee: *See*—
Warren, Harry L.
South Houston Machine Company, assignee: *See*—
McWhorter, Cullen J.
Southwest Airways Company, assignee: *See*—
Connelly, John H.
Southwest Paving Company, assignee: *See*—
Ekenstam, Edward D.
Southwick, Charles A., Jr., assignor to Shellmar Products Corporation, Mount Vernon, Ohio. Desiccant pouch. 2,578,324, Dec. 11.
Southworth, George C., Red Bank, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Wave guide system. 2,540,839, Feb. 6.
Southworth Machine Company, assignee: *See*—
Aberle, Roy.
Southworth, Raymond W.: *See*—
Bliss, Harding, and Southworth.
Souza, Manuel O., Merced, Calif. Safety device. 2,573,997, Nov. 6.
Sovis, John, Jr., assignee: *See*—
Graham, Duncan E.
Sowa, Frank J., Cranford, assignor to Aircraft-Marine Products Inc., Elizabeth, N. J. Electrical connector and making the same. 2,551,299, May 1.

Sowa, Frank J., Cranford, N. J., assignor to American Machine and Foundry Company. Smoking article. 2,565,052, Aug. 21.
Sowa, Frank J., Cranford, and A. Schwerdle, New Providence, N. J.; said Schwerdle assignor to said Sowa. Amino-phenylmercury sulfate and aqueous solutions thereof. 2,543,733, Feb. 27.
Sowden, Parkin T., Jr., Bartlesville, Okla., assignor to Phillips Petroleum Company. Recovery of carbon monoxide and hydrogen from high nitrogen content gas. 2,564,236, Aug. 14.
Sowell, Clarence W., North Hollywood, Calif. Surface heater. 2,558,160, June 26.
Sowers, Clyde L., Palmyra, Pa. Harvesting machine for tobacco plants and the like. 2,564,614, Aug. 14.
Sowers, R. Pinkney, assignee: *See*—
Rogers, George T., and Coleman.
Sowter, Percy F. C., and F. B. Hill, Spondon, near Derby, England, assignors to Celanese Corporation of America. Production of cellulose ester textile materials. 2,552,598, May 15.
Sowter, Percy F. C., and F. B. Hill, Spondon, near Derby, England, assignors to British Celanese Limited. Production of cellulose ester yarns suitable for conversion into staple fiber. 2,553,483, May 15.
Spacarb, Inc., assignee: *See*—
Parks, Regis E.
Space Calculator System, assignee: *See*—
Gagne, Arthur L.
Space, Kenneth R., Westport, Conn. Dust receptacle. 2,564,822, Aug. 21.
Špaček, Antonín, Prague-Branik, assignor of one-half to Tesla National Corporation, Prague, Czechoslovakia. Phase modulated signaling system and method. 2,568,132, Sept. 18.
Špaček, Antonín Prague-Branik, assignor of one-half to Tesla, National Corporation, Prague, Czechoslovakia. Increasing the deviation of frequency modulated oscillations. 2,572,958, Oct. 30.
Spadaro, James J.: *See*—
Vix, Henry L. E., Spadaro, Pollard, Gastrock, Persell, and Murphy.
Spadola, James V., assignor of one-half to F. Leccese, New York, N. Y. Audible piston position indicator. 2,579,710, Dec. 25.
Spagnoli, Paul, San Francisco, Calif. Mattress and making same. 2,568,258, Sept. 18.
Spagnoli, Paul, San Francisco, Calif. Ventilator and pinning flap for mattresses. 2,568,259, Sept. 18.
Spagnoli, Paul, San Francisco, Calif. Machine for wrapping coverings around articles. 2,568,260, Sept. 18.
Spahn, Emil, assignor to Fr. Sauter A. G. Fabrik elektr. Apparate, Basel, Switzerland. Electrical control system. 2,545,390, Mar. 13.
Spahr, Neal B., assignee: *See*—
Young, Henry E., and Farnham.
Spaid, Eugene E., Lake Bluff, Ill. Safety fishhook device. 2,563,880, Aug. 14.
Spain, Roy C., Salem, Va., assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Side bar cylinder lock. 2,578,211, Dec. 11.
Spaine, Edward P., Bridgeport, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Thread trimming mechanism for sewing machines. 2,550,611, Apr. 24.
Spalding, A. G., & Bros. Inc., assignee: *See*—
Amphlett, Theodore.
Brown, William T.
Radford, George S.
Tynan, James N., and Geerlings.
Spalding, Joseph P., Silver Spring, Md. Pulse generator. 2,567,247, Sept. 11.
Spalding, Kenneth F.: *See*—
Collins, Fred V., and Spalding.
Spalding, Kenneth F., Chicago, assignor to William F. Stahl, Kenilworth, Ill. Plastic-sealing apparatus. 2,556,008, June 5.
Spalding, Kenneth F., Chicago, assignor to W. F. Stahl, Kenilworth, Ill. Apparatus for sealing plastics. 2,556,452, June 12.
Spaleny, George R., Osborn, assignor to R. B. Haynes, Toledo, Ohio. Rotary fluid coupling. 2,574,129, Nov. 6.
Spall, Rudolph J., Detroit, Mich. Thread checking device. 2,548,917, Apr. 17.
Spang, Clarence E., Butler, Pa. Arm scoop. 2,546,113, Mar. 20.
Spang, William F., Milton, assignor to Cube Steak Machine Co., Needham Heights, Mass. Meat tenderizing machine. 2,547,234, Apr. 3.
Spang, William F., Milton, assignor to Cube Steak Machine Co., Needham Heights, Mass. Scraper unit for endless moving surfaces. 2,549,718, Apr. 17.
Spang, William F., Milton, assignor to Cube Steak Machine Co., Needham Heights, Mass. Meat tenderizing machine. 2,564,651, Aug. 14.
Spangberg, Mills E.: *See*—
Young, Le Roy R., and Spangberg.
Spangenberg, Charles B., assignee: *See*—
Buhl, Helen A. and W. E.
Spangler, Charles O., assignee: *See*—
Little, George N.

Spangler, Earl G., Seal Beach, Calif. Metering and dispensing control system. 2,550,942, May 1.
Spangler, Eugene A., Los Angeles, Calif. Hammock. 2,546,350, Mar. 27.
Spangler, J. Leo, assignee: *See*—
Little, George N.
Spangler, Myrtle J., Danville, Va., assignor to Dan River Mills, Incorporated. Dye fixing product and process and treating of textiles therewith. 2,576,241, Nov. 27.
Spanich, John I., Plymouth, Mich. Mechanism for applying brake linings. 2,569,737, Sept. 4.
Spanjer, John, Ephrata, Wash. Knockdown fruit box. 2,547,672, Apr. 3.
Spann, Woodard, Gunnison, Colo. Hay loader. 2,539,169, Jan. 23.
Spann, Woodard, Gunnison, Colo. Claw fork. 2,552,228, May 8.
Spannuth, Hiram T., Chicago, Ill., assignor to Wilson & Co., Inc. Ice cream and making the same. 2,568,666, Sept. 18.
Spanski, Raymond J.: *See*—
Holmes, Le Roy S. and R. J.
Sparacio, Anthony, Brooklyn, N. Y. Dispensing cap with self-closing valve, having an agitator integral with the movable valve element. 2,559,522, July 3.
Spare, Lola R., Pasadena, Calif., Shirt type garment. 2,569,643, Oct. 2.
Sparhawk, Charles H., Park Ridge, Wis. Pivoted hand tool for body and fender straightening. 2,539,040, Jan. 23.
Sparkle Beverages, Inc., assignee: *See*—
Brendel, William J., and Schapiro.
Sparklets Limited, assignee: *See*—
Roberts, Charles W.
Sparklin, Charles H., Chicago, Ill., assignor to Birtman Electric Company. Brush adjustment for suction cleaners. 2,541,117, Feb. 13.
Sparklin, Charles H., Chicago, Ill., assignor to Birtman Electric Company. Electric iron. 2,541,119, Feb. 13.
Sparklin, Charles H., Chicago, Ill., assignor to Birtman Electric Company. Variable speed electric motor. 2,541,120, Feb. 13.
Sparklin, Charles H., Chicago, Ill., assignor to Birtman Electric Company. Apparatus for testing electric heating devices. 2,541,121, Feb. 13.
Sparklin, Charles H., Chicago, Ill., assignor to Birtman Electric Company. Vacuum cleaner. 2,541,122, Feb. 13.
Sparklin, Charles H., Chicago, Ill., assignor to Birtman Electric Company. Speed control for motors. 2,543,812, Mar. 6.
Sparklin, Charles H., Chicago, Ill., assignor to Birtman Electric Company. Handle for tank type suction cleaners or the like. 2,554,509, May 29.
Sparklin, Charles H., Chicago, Ill., assignor to Birtman Electric Company. Vacuum cleaner. 2,564,734, Aug. 21.
Sparklin, Charles H., Chicago, Ill., assignor to Birtman Electric Company. Electric iron. 2,567,975, Sept. 18.
Sparklin, Charles H., Chicago, Ill., assignor to Birtman Electric Company. Speed governor for motors. 2,568,774, Sept. 25.
Sparklin, Charles H., Chicago, Ill., assignor to Birtman Electric Company. Resistance element. 2,572,069, Oct. 23.
Sparklin, Charles H., and P. J. More, Chicago, Ill., assignors to Birtman Electric Company. Resistance element for electric irons. 2,541,118, Feb. 13.
Sparklin, Charles H., and F. S. Howard, Chicago, Ill., assignors to Birtman Electric Company. Adjustable brush assembly for vacuum cleaners. 2,568,772, Sept. 25.
Sparklin, Charles H., and G. C. Sporney, Chicago, Ill., assignors to Birtman Electric Company. Food mixer. 2,568,773, Sept. 25.
Sparkman, Ward F., Huntsville, Ala. Fishing bait. 2,559,475, July 3.
Sparks, Bayard P., St. James, N. Y. Stem-and-socket tool drive and adapter therefor. 2,549,397, Apr. 17.
Sparks, Carter W., H. O. Klee, and C. M. Sparks, assignors to Casalbi Company, Jackson, Mich. Traveling lawn sprinkler. 2,548,326, Apr. 10.
Sparks, Cedric H., London, England, assignor to The Babcock & Wilcox Company, Rockleigh, N. J. Attemperator regulating the temperature of superheated vapor. 2,568,567, Sept. 18.
Sparks, Clifford M.: *See*—
Sparks, Carter W., Klee, and Sparks.
Sparks, Eli, assignee: *See*—
Wagers, Beverly T.
Sparks, William J.: *See*—
Garber, John D., Sparks, and Young.
Hollyday, William C., Jr., and Sparks.
Young, David W., Garber, and Sparks.
Sparks, William J., Westfield, and J. D. Garber, Cranford, N. J., assignors to Standard Oil Development Company. Multiolefin monoolefin resin and making the same. 2,546,020, Mar. 20.
Sparks, William J., Westfield, D. W. Young, Roselle, and J. D. Garber, Cranford, N. J., assignors to Standard Oil Development Company. Preventing gelation during heating of resinous isoolefin polymers. 2,548,503, Apr. 10.

Sparks, William J., Cranford, and D. W. Young, Roselle, N. J., assignors to Standard Oil Development Company. Depolymerizing polystyrene. 2,549,538, Apr. 17.
Sparks, William J., Westfield, and D. W. Young, Roselle, N. J., assignors to Standard Oil Development Company. Styrene-diolefin low temperature copolymers and preparation and use thereof. 2,549,539, Apr. 17.
Sparks, William J., Cranford, and D. W. Young, Roselle, N. J., assignors to Standard Oil Development Company. Copolymers of substituted styrenes and polyolefins. 2,560,492, July 10.
Sparks, William J., Cranford, F. P. Baldwin, Rahway, and R. G. Newberg, Cranford, N. J., assignors to Standard Oil Development Company. Packaging tacky isobutylene-diolefin rubber in film of compatible styrene-isobutylene copolymer. 2,572,959, Oct. 30.
Sparks, William J., and R. M. Thomas, Westfield, N. J., assignors, by mesne assignments, to Jasco, Incorporated. Cyclodiene isobutylene copolymers. 2,577,822, Dec. 11.
Sparks, William J., Cranford, and P. E. Hardy, Elizabeth, N. J., assignors to Standard Oil Development Company. Tough styrene-olefin copolymers containing two to ten per cent of wax. 2,580,050, Dec. 25.
Sparks-Withington Company, The, assignee: *See*— Snow, Kilbourn H.
Sparling, James, New York, N. Y. Quick-acting C-clamp. 2,549,256, Apr. 17.
Sparling, Joseph T., Los Angeles, Calif. Storage tank construction. 2,573,995, Nov. 6.
Sparling, Joseph T., Los Angeles, Calif. Swimming pool. 2,575,303, Nov. 13.
Sparmann, Edmund E. K., Stockholm, Sweden. Wobbler drive. Re. 23,371, May 29.
Sparmann, Edmund E. K., Stockholm, Sweden. Wobble drive mechanism. 2,550,612, Apr. 24.
Sparmann, Edmund E. K., Stockholm, Sweden. Anchoring wobble plates. 2,550,613, Apr. 24.
Sparrow, Hubert T., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Pressure, temperature, and speed control apparatus for supercharged combustion engines. 2,540,916, Feb. 6.
Sparrow, Hubert T., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Coordinated speed and pressure control apparatus for combustion engines. 2,551,979, May 8.
Sparrow, Hubert T., and M. G. Lindroth, assignors to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Control apparatus for internal-combustion engines. 2,556,985, June 12.
Sparrow, Hubert T., Minneapolis, and A. B. Chudyk, St. Louis Park, assignors to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Control apparatus for internal-combustion engines. 2,556,986, June 12.
Sparrow, Mark H., Forest Hills, N. Y. Target and light ray projector. 2,562,648, July 31.
Sparrow, Stanwood W., assignor to The Studebaker Corporation, South Bend, Ind. Piston ring testing apparatus. 2,558,226, June 26.
Spartalis, Michael P., St. Paul, Minn. Cooking machine. 2,565,786, Aug. 28.
Spase, Charles B., Nedrow, assignor to Lipe-Rollway Corporation, Syracuse, N. Y. Axially engaging clutch. 2,540,463, Feb. 6.
Spase, Charles B., Nedrow, assignor to Lipe-Rollway Corporation, Syracuse, N. Y. Internally expanding friction clutch or brake. 2,561,955, July 24.
Spash, Margaret V., East Norwalk, Conn. Pinking shears. 2,543,423, Feb. 27.
Spatz, Lee, New Rochelle, N. Y. Coat. 2,574,716, Nov. 13.
Spatz, Sydney M.: *See*— Liston, Thomas R., Spatz, Mazur, and Glick.
Spatz, Sydney M., Buffalo, assignor to Allied Chemical & Dye Corporation, New York, N. Y. Production of fumaric acid. 2,548,687, Apr. 10.
Spaulding, Almon E.: *See*— Pearson, Frithiof L., and Spaulding.
Spaulding, Charles A., Jr.: *See*— Kohler, Robert T., and Spaulding.
Spaulding, Charles W., Artesia, and C. P. Collins, assignors to Eastman Oil Well Survey Company, Denver, Colo. Directional drilling apparatus. 2,553,874, May 22.
Speaker, J. W., Corporation, assignee: *See*— Torosian, Edward.
Speakman, John B., and N. H. Chamberlain, Leeds, and C. M. C. Dorkin, York, assignors to Alginate Industries Limited, London, England. Production of alkali-resistant alginate materials. 2,536,893, Jan. 2.
Spear, Philip J.: *See*— Christopher, David H., and Spear.
Spear, Walter A., assignor to Victor Electric Products, Inc., Cincinnati, Ohio. Window ventilator. 2,548,327, Apr. 10.
Spear, Warren M.: *See*— Gagnebin, Albert P., and Spear.
Spearman, Benjamin, Montreal, Quebec, Canada. Railway truck bolster-car bolster connection. 2,576,367, Nov. 27.
Spearman, Joseph E., East Detroit, Mich. Glass cleaner. 2,561,240, July 17.
Spearman, Richard D.: *See*— Bojanower, Albert M., and Spearman.
Spears, Estes O., and R. G. Clawitter, assignors of one-third to O. W. Garvin, Little Rock, Ark. Screen frame. 2,577,379, Dec. 4.
Spears, Harland S., Lindsay, Calif. Toothbrush holder. 2,538,337, Jan. 16.
Spears, Harry E., Westfield, and I. Mayer, Summit, N. J., assignors to Standard Oil Development Company. Magnetic coupling drive for high-pressure stirred reactors. 2,556,854, June 12.
Spears, Morton F., Fairfield, assignor to Dictaphone Corporation, Bridgeport, Conn. Magnetic recording and reproducing system. 2,567,582, Sept. 11.
Specht, Henry E., Newton, Ill. Combination bed and table for trailers. 2,564,512, Aug. 14.
Specht, Theodore R., Greenville, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Wound core for electrical induction apparatus. 2,550,127, Apr. 24.
Special Engineering Service, Incorporated, assignee: *See*— Lehmann, Albert F.
Special Machine & Engineering Company, assignee: *See*— Bihler, Walter G.
Special, Michael E., New York, N. Y. Shoe sanitizer. 2,569,079, Sept. 25.
Specialties Development Corporation, assignee: *See*— Faust, Delbert G.
Frese, Carl W.
Frese, Carl W., and Scott.
Grant, Harry C., Jr.
Heizer, Edward J.
Jabour, Sam.
Joerren, Ernest A.
Lambert, Geoffrey.
Manhartsberger, Albert.
Mapes, Daniel.
Mapes, Daniel, and Schmidlin.
Marsh, Sidney C.
Miller, Louis P.
Newman, Marcel K.
Reichard, Arthur E.
Schmidlin, Albertus E.
Stroop, John H.
Thomsen, William A. V.
Uhl, Arthur W.
Wentz, Edward A.
Specialties Inc., assignee: *See*— De Beauregard, Amédée C.
Robbins, Azor D.
Speck, C. Harold, Massilon, H. L. Carr, Canton, and R. A. Yoder, Orville, Ohio. Adjustable floor leveling device. 2,570,282, Oct. 9.
Spector, Irving, Miami, Fla. Inclinable saw hub and arbor. 2,547,418, Apr. 3.
Spectrolite, assignee: *See*— Gangbin, Irol G.
Spectrum Manufacturing Company, assignee: *See*— Knowles, George F.
Spedding, Frank H., and A. F. Voigt, Ames, Iowa, assignors to the United States of America as represented by the United States Atomic Energy Commission. Rare earth separation by adsorption and desorption. 2,539,282, Jan. 23.
Speed Development Company Limited, assignee: *See*— Ruffle, William H.
Speed, Floyd E., Oakfield, N. Y. Farm gate. 2,547,792, Apr. 3.
Speed Selector Inc., assignee: *See*— Schweickart, William M.
Speedo Manufacturing Co., Inc., assignee: *See*— Bamberger, Alfred A.
Speer, Alexander, St. Petersburg, Fla. Cable clamp. 2,551,065, May 1.
Speer, James W., Easton, Md., assignor to Lake Shore Engineering Company, Iron Mountain, Mich. Ship cargo-handling device. 2,541,893, Feb. 13.
Speer, James W., Easton, Md., assignor to Lake Shore Engineering Company, Iron Mountain, Mich. Ship mounted crane. 2,551,066, May 1.
Speer, John H.: *See*— Ensor, Elwood H., and Speer.
Speer, John R., assignor to Jones & Laughlin Steel Corporation, Pittsburgh, Pa. Gauge for measuring changes in circumference. 2,562,749, July 31.
Speer, Joseph G., assignor of one-half to H. G. Koenig, Merriam, Kans. Radio direction finder having sense antenna. 2,572,211, Oct. 23.
Speicher, Elmer, Birmingham, Mich. Truing and balancing device for a face type diamond grinding wheel. 2,546,529, Mar. 27.
Speicher, Elmer, Birmingham, Mich. Truing and balancing device for face type diamond grinding wheels. 2,577,042, Dec. 4.
Speicher, Frank S., assignor to M. E. Cunningham Company, Pittsburgh, Pa. Die retaining means. 2,545,711, Mar. 20.
Speicher, Harold S., assignor to The Cyclone Seeder Co., Inc., Urbana, Ind. Seed sower. 2,547,143, Apr. 3.
Speidel Corporation, assignee: *See*— Augenstein, Karl C.
Speier, Bender L., and F. I. Hamilton, Norwalk, Conn., assignors to United Shoe Machinery Corporation, Flemington, N. J. Toe forming machine. 2,578,756, Dec. 18.

Speier, John L., Pittsburgh, Pa., assignor to Dow Corning Corporation, Midland, Mich. Organosilicon polymers. 2,567,131, Sept. 4.

Speier, John L., Jr., Pittsburgh, Pa., assignor to Dow Corning Corporation, Midland, Mich. Acyloxymethyl substituted siloxanes. 2,550,205, Apr. 24.

Speier, John L., Jr., Pittsburgh, Pa., assignor to Dow Corning Corporation, Midland, Mich. Organo silanes and their production. 2,572,402, Oct. 23.

Speier, John L., Jr., Pittsburgh, Pa., assignor to Dow Corning Corporation, Midland, Mich. Organosilicon polyesters. 2,576,486, Nov. 27.

Speig, Karl M., Pacoima, Calif. Storage tank. 2,558,694, June 26.

Speigel, Nell, assignee: *See*—
Friedman, Max.

Spelbrink, Paul H.: *See*—
Wehmiller, Frederick W., Nekola, and Spelbrink.

Spellman, William J., assignee: *See*—
Bian, John T.

Spence Engineering Company, Inc., assignee: *See*—
Spence, Paulsen.

Spence, Fred, Sale, assignor to Linotype and Machinery Limited, London, England. Reciprocating printing press beds. 2,538,922, Jan. 23.

Spence, Fred, Sale, assignor to Linotype and Machinery Limited, London, England. Sheet handling mechanism for bed and cylinder printing machines. 2,576,421, Nov. 27.

Spence, Harry R., and H. W. Hooker, Lewiston, assignors to Hooker Electrochemical Company, Niagara Falls, N. Y. Electrolytic process for removing oxide from the surface of metals. 2,538,055, Jan. 16.

Spence, Hubert L.: *See*—
Moffett, Frank E., and Spence.
Williamson, Donald, and Spence.

Spence, Hubert L., East Cleveland, assignor to National Malleable and Steel Castings Company, Cleveland, Ohio. Cushioning mechanism. 2,564,771, Aug. 21.

Spence, John: *See*—
Carroll, Burt H., and Spence.

Spence, John A., Richmond, assignor to California Research Corporation, San Francisco, Calif. Carbonylation catalyst recovery. 2,547,178, Apr. 3.

Spence, Murrell R.: *See*—
Forgette, Alexander J., Spence, and Hayman.

Spence, Paulsen, Baton Rouge, La., assignor to Spence Engineering Company, Inc., Walden, N. Y. Boiler safety device. 2,543,558, Feb. 27.

Spence, Paulsen, Baton Rouge, La., assignor to Spence Engineering Company, Inc., Walden, N. Y. Valve. 2,554,158, May 22.

Spence, Peter, & Sons Limited, assignee: *See*—
De Rycke, Douglas.

Spencer, Binford E.: *See*—
Overton, George W., and Spencer.

Spencer, Carl L.: *See*—
Spencer, Jacob L., C. L., and J. B.

Spencer, Charles L.: *See*—
Fisk, Bert, and Spencer.

Spencer, Earl B., La Canada, Calif., assignor to Whiting Corporation, Harvey, Ill. Door operator. 2,550,943, May 1.

Spencer, Earl B., La Canada, Calif. Pneumatic pendant control for electric switches. 2,562,847, July 31.

Spencer, Effie P., co-administrator: *See*—
Spencer, Harland L.

Spencer, Francis D., Bell Gardens, Calif. Antirattling device for shades. 2,564,770, Aug. 21.

Spencer, Frank R., Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Benzoguanamine resin surface coating materials and preparing the same. 2,579,980, Dec. 25.

Spencer, Harland L., deceased, Syracuse, Ind.; E. P. Spencer and The National Bank and Trust Company of South Bend, co-administrators. Trailer. 2,538,736, Jan. 16.

Spencer, Harry H., Springfield, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Current supply apparatus. 2,568,172, Sept. 18.

Spencer, Harry H., Springfield, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Current supply apparatus. 2,572,210, Oct. 23.

Spencer, Hugh, Chester, assignor to The R. W. Cramer Company, Incorporated, Centerbrook, Conn. Running-time meter. 2,551,179, May 1.

Spencer, J. B.: *See*—
Spencer, Jacob L., C. L., and J. B.

Spencer, Jacob L., Los Angeles, and C. L. and J. B. Spencer, South Gate, Calif. Spinning toy. 2,579,022, Dec. 18.

Spencer, James, assignor to Perma-Flex Industries Limited, Toronto, Ontario, Canada. Polyvinylchloride printing roller. 2,536,323, Jan. 2.

Spencer, James A., Teaneck, N. J., assignor to Radio Corporation of America. Code converter. 2,537,168, Jan. 9.

Spencer, James A., Teaneck, N. J., assignor to Radio Corporation of America. Telegraphic printing system. 2,579,101, Dec. 18.

Spencer, James A., Teaneck, N. J., and L. F. Reinhold, Great Kills, N. Y., assignors to Radio Corporation of America. Impulse transmitter for electric signaling devices. 2,549,028, Apr. 17.

Spencer, Lee, Phoenix, Ariz. Alterable common gauge railway track construction. 2,578,099, Dec. 11.

Spencer, Neil C.: *See*—
Balassa, Ladislaus, and Spencer.

Spencer, Percy L., assignor to Raytheon Manufacturing Company, West Newton, Mass. High efficiency magnetrons. Re. 23,337, Feb. 6.

Spencer, Percy L., West Newton, assignor to Raytheon Manufacturing Company, Newton, Mass. Electron discharge device of the magnetron type. 2,539,337, Jan. 23.

Spencer, Percy L., West Newton, assignor to Raytheon Manufacturing Company, Newton, Mass. Food cooking. 2,540,036, Jan. 30.

Spencer, Percy L., West Newton, assignor to Raytheon Manufacturing Company, Newton, Mass. Electrical system. 2,546,952, Mar. 27.

Spencer, Percy L., West Newton, assignor to Raytheon Manufacturing Company, Newton, Mass. High-efficiency magnetron. 2,550,614, Apr. 24.

Spencer, Robert L., assignor to Avco Manufacturing Corporation, Cincinnati, Ohio. Refrigerator cabinet construction. 2,565,995, Aug. 28.

Spencer, William G., Burbank, Calif. Bicycle fork mechanism. 2,550,876, May 1.

Spencer, William G., Burbank, Calif. Side wall for bicycle wheels and tires. 2,573,996, Nov. 6.

Spender, Donald L., assignor to Scovill Manufacturing Company, Waterbury, Conn. Sprinkler. 2,557,206, June 19.

Spender, Donald L., Naugatuck, assignor to Scovill Manufacturing Company, Waterbury, Conn. Wheel operated adjustable spray nozzle. 2,565,457, Aug. 21.

Spengler-Loomis Manufacturing Company, assignee: *See*—
Markvart, Edwin J.
Markvart, Edwin J., and Solem.

Spengler, Ralph A., Cleveland, Ohio. Pump governor. 2,570,727, Oct. 9.

Spengler, Walter J., Sidney, assignor to Bendix Aviation Corporation, New York, N. Y. Speed responsive coupling. 2,549,749, Apr. 17.

Spengler, Walter J., Sidney, assignor to Bendix Aviation Corporation, New York, N. Y. Speed responsive coupling. 2,549,750, Apr. 17.

Spengler, Walter J., Sidney, assignor to Bendix Aviation Corporation, New York, N. Y. Speed responsive coupling. 2,549,751, Apr. 17.

Spengler, Walter J., and W. G. Roloson, Sidney, assignors to Bendix Aviation Corporation, New York, N. Y. Magneto casing, cover, and cable supporting and sealing means therefor. 2,571,774, Oct. 16.

Spenner, Fred H., assignor to Scullin Steel Co., St. Louis, Mo. Snubbed bolster truck. 2,551,064, May 1.

Spennrath, Richard: *See*—
Duport, Jacques, and Spennrath.

Sperber, Benjamin H., Brooklyn, N. Y. Clothesline and support therefor. 2,562,478, July 31.

Sperber, Nathan: *See*—
Papa, Domenick, and Sperber.
Papa, Domenick, Sperber, and Schwenk.

Sperber, Nathan, Bronx, D. Papa, Brooklyn, N. Y., and E. Schwenk, Montclair, assignors to Schering Corporation, Bloomfield, N. J. γ-substituted propylamine type antihistamines. 2,556,636, June 12.

Sperber, Nathan, Bronx, D. Papa, Brooklyn, N. Y., and E. Schwenk, Montclair, assignors to Schering Corporation, Bloomfield, N. J. Aryl-(2-pyridyl)-amino alkanes and their production. 2,567,245, Sept. 11.

Sperling, Curren C., Oak Ridge, Tenn., assignor to the United States of America as represented by the United States Atomic Energy Commission. Pneumatic and air sweep closure. 2,559,564, July 3.

Sperling, Ezra F., Los Angeles, Calif., assignor to Baker Perkins, Inc., Saginaw, Mich. Pan spacer. 2,549,341, Apr. 17.

Sperling, Jacob G.: *See*—
Kass, Sholom, and Sperling.

Sperling, Morris, Bronx, N. Y. Infant's sleeping accessory. 2,563,501, Aug. 7.

Spero, George B.: *See*—
Levin, Robert H., McIntosh, and Spero.
Levin, Robert H., Spero, and Thompson.

Sperrazza, Jerome J., Buffalo, N. Y. Safety electrical receptacle. 2,540,496, Feb. 6.

Sperry Corporation, The, assignee: *See*—
Anderson, Robert I.
Arnold, Paul F.
Ayres, Waldemar A.
Barnaby, Roland, and Reinhardt.
Barrow, Wilmer L.
Beach, Lennox F., Esval, and Lane.
Bergey, Stanley L., and Nottingham.
Brannin, Richard.
Brannin, Richard S.
Brannin, Richard S., Halpert, and Jude.
Browder, Jay E.
Brown, Lawrence S.
Curry, Robert S., Jr.
Dawson, Edward.
Dean, Walter N., and Rundlett.
Dodd, Coleman.
Eberly, John H.
Esval, Orland E.

Sperry Corporation, The, assignee: *See*—Continued.
Esval, Orland E., and Frische.
Esval, Orland E., and Wrigley.
Esval, Orland E., Wrigley, and Haskins.
Farmer, Daniel E.
Feenberg, Eugene.
Ferrill, Thomas M., Jr.
Ford, Hannibal C.
Fragola, Caesar F.
Frank, Ernest, and Pensyl.
Garbarini, Robert F.
Goertz, Raymond C.
Hamilton, Donald R.
Hammond, Edmund B., Jr.
Hansen, William W.
Hansen, William W., and Woodyard.
Harris, Herbert, Jr.
Hartman, William C., Peoples, and Hull.
Haskins, Robert, Jr.
Hebel, Carl G., and Crawford.
Hensen, William W., and Woodyard.
Holmes, Gifford I.
Hudson, Harry K., and Marshall.
Hume, William G.
Hupcey, Joseph V.
Isbister, Eric J.
Isbister, Eric J., Stearns, and Dean.
Jaynes, Edwin T.
Jenks, Frederic A.
Johnson, Montgomery H.
Kenyon, David E.
Knowles, Richard C., White, Harris, Nagy, and Hammond.
Lancor, Joseph H., Jr., Marindin, and McCoy.
Lane, Arthur W.
Lester, John M.
Lester, John M., and Wilkerson.
Levinthal, Elliott.
Litchford, George B.
Litchford, George B., and Lyman.
Lyon, Floyd A.
Maroni, Jacques R.
McDermott, Edward B.
McKenney, Henry F., and Newell.
Mozley, Robert F.
Mozley, Robert F., and Shepherd.
Muchmore, Robert B.
Nagy, Edward J., and Hammond.
Newell, William H.
Newell, William H., and Brown.
Newell, William H., Tear, and Brown.
Palmer, Winslow.
Pensyl, Daniel S.
Peoples, James A., Jr.
Rawlings, Arthur L.
Rothschild, Robert F.
Ryan, John J., and Clegg.
Sensiper, Samuel.
Snow, Donald L., Varian, Dodd, and Hildebrand.
Stearns, Horace M.
Tawney, Gerald L.
Tear, James D.
Umsted, Carleton G., and De Luca.
Varian, Russell H.
Varian, Russel H., and Ferrill.
Wang, Chao C.
Wittenberg, Roland C.
Woodward, John R.
Young, Victor J., and Browder.

Sperry, Elmer H., Drexel Hill, assignor to Sun Oil Company, Philadelphia, Pa. Microcrystalline wax as an antifoam agent in soluble oil-water emulsion. 2,545,677, Mar. 20.

Sperry, Elmer H., Drexel Hill, assignor to Sun Oil Company, Philadelphia, Pa. Sulfurization of lard oil. 2,577,636, Dec. 4.

Sperry, John R.: *See*—
Walker, James D., and Sperry.

Sperry, John R., Washington, D. C. Label or stamp affixing machine. 2,550,307, Apr. 24.

Sperry, Leonard J., assignor to Globe-Union Inc., Milwaukee, Wis. Adjustable tubular capacitor. 2,556,453, June 12.

Sperry Products, Inc., assignee: *See*—
Carlin, Benson.
Crawford, Ernest A.
De Lano, Ralph B., Jr.
Drake, Harcourt C.
Firestone, Floyd A., and Ling.
Frederick, Julian R., and Firestone.
Mesh, William E.

Sperry, Roger S., and C. Rietdyke, assignors to Scovill Manufacturing Company, Waterbury, Conn. Fume and vapor control for cleansing tanks. 2,544,769, Mar. 13.

Sperry-Sun Well Surveying Company, assignee: *See*—
Ring, Roland.

Sperti Faraday Inc., assignee: *See*—
Slocum, Charles W.

Spessard, Dwight R.: *See*—
Zisman, William A., Spessard, and O'Rear.

Spetalnik, Mack, Brooklyn, assignor to Wolfe & Lang, Inc., New York, N. Y. Brassière. 2,560,706, July 17.

Speth, Lloyd G.: *See*—
Engeln, John H., Lehman, and Speth.
Van Sittert, Paul, and Speth.

Spevack, Harry: *See*—
Thacker, Warren E., and Spevack.

Spialter, Leonard: *See*—
Rust, John B., and Spialter.

Spicer, Curtis D., Warren, Pa., and A. F. Casler, East Cleveland, Ohio, assignors to General Electric Company. Apparatus for gauging and sorting lengths of tubing or rod. 2,579,129, Dec. 18.

Spicer, George W.: *See*—
Wood, Joseph D., and Spicer.

Spicer, George W., assignor to I. T. E. Circuit Breaker Company, Philadelphia, Pa. Drawout mechanism for compartmented circuit breakers. 2,554,510, May 29.

Spicer, William E.: *See*—
Segura, Marnell A., McAdams, and Spicer.

Spicher, Robert W., Havre, Mont. Surgical piercing device. 2,568,207, Sept. 18.

Spiegel, Stanley, New York, N. Y., assignor of one-half to Electronic Systems Corporation. Venetian blind. 2,570,608, Oct. 9.

Spiegelberg, Hans, Basel, Switzerland, assignor to Hoffmann-La Roche Inc., Nutley, N. J. 2-amino-4-hydroxy-6-(hydroxymethyl)-pteridine. 2,546,959, Apr. 3.

Spiegler, Howard, Akron, Ohio. Pickproof pin tumbler lock. 2,565,531, Aug. 28.

Spieker, John W., assignee: *See*—
Scott, Harry A., and Spieker.

Spielman, Felix: *See*—
Stark, Frank, and Spielman.

Spielman, Marvin A.: *See*—
Wilk, Immanuel J., and Spielman.

Spielman, Marvin A., Waukegan, assignor to Abbott Laboratories, North Chicago, Ill. N-methyl oxazolidine-2,4-diones. 2,575,692, Nov. 20.

Spielman, Marvin A., Waukegan, assignor to Abbott Laboratories, North Chicago, Ill. 3,5-dimethyl-5-ethyl-oxazolidine-2,4-dione. 2,575,693, Nov. 20.

Spielman, Marvin A., Waukegan, assignor to Abbott Laboratories, North Chicago, Ill. 3,5,5-trimethyl-oxazolidine-2,4-dione. 2,575,694, Nov. 20.

Spielman, Marvin A., Waukegan, and J. E. Rundell, assignors to Abbott Laboratories, North Chicago, Ill. Adsorption and elution of streptomycin. 2,553,685, May 22.

Spielman, Milton H., Cuyahoga Falls, assignor to The Lamb Electric Company, Kent, Ohio. Brush holder and assembling same into electric motors. 2,537,714, Jan. 9.

Spielman, Sterling C., Huntingdon Valley, assignor, by mesne assignments, to Philco Corporation, Philadelphia, Pa. Electrical pulse generator. 2,551,771, May 8.

Spielmann, Leslie S.: *See*—
Pence, William A., and Spielmann.

Spier, Burton, New York, N. Y. Cleaning and annealing tank for dental inlays, castings, and the like. 2,579,210, Dec. 18.

Spier, Hans G., Hamilton, Ohio, assignor to American Bosch Corporation, Springfield, Mass. Fuel injection system. 2,539,798, Jan. 30.

Spier, Hans G., Hamilton, Ohio. Two-cycle engine having coaxial compressor and power pistons. 2,545,499, Mar. 20.

Spierer, Edward D., assignor to Edi Holding Inc., Brooklyn, N. Y. Cold cathode triode electronic timer. 2,551,224, May 1.

Spierer, Edward D., assignor to Edi Holding Inc., Brooklyn, N. Y. Cold cathode tube and circuits for the use thereof. 2,551,225, May 1.

Spiess, Roy G., Jr., Owosso, and C. E. Read, assignors to Monroe Auto Equipment Company, Monroe, Mich. Vehicle seat construction. 2,550,170, Apr. 24.

Spieth, Benjamin, assignor to Modine Manufacturing Company, Racine, Wis. Heating element for convection heaters. 2,545,561, Mar. 20.

Spieth, Benjamin, assignor to Modine Manufacturing Company, Racine, Wis. Heat transfer element. 2,561,424, July 24.

Spigener, William P., Elmwood, Conn., assignor to Emhart Manufacturing Company. Stirring apparatus for glass in forehearths. 2,569,352, Sept. 25.

Spika, Robert A., assignee: *See*—
Cox, Gerald C.

Spikes, John C., Pasadena, Calif. Writing aid for the blind. 2,562,479, July 31.

Spikings, George W., Jr., River Grove, Ill. Carpenter's horse or trestle. 2,573,740, Nov. 6.

Spilhaus, Athelstan F., New York, N. Y. Calculator. 2,567,246, Sept. 11.

Spilky, David R., Chicago, Ill. Bun slicing machine. 2,549,540, Apr. 17.

Spillane, Leo J., Morristown, and R. C. Tallman, Morris Township, Morris County, N. J., assignors to Allied Chemical & Dye Corporation, New York, N. Y. Catalytic reaction of hydrofuryl carbinols with ammonia or amines. 2,543,424, Feb. 27.

Spillane, Leo J., Rockaway Township, Morris County, and W. G. Kayser, Jr., Morristown, N. J., assignors to Allied Chemical & Dye Corporation, New York, N. Y. Production of nitriles. 2,557,703, June 19.

Spillane, Paul X., Abbotsford, near Sydney, assignor to K. Williams, Sydney, New South Wales, Australia. Desulfurization of hydrocarbons. 2,559,323, July 3.

Spillane, Paul X., Ashfield, near Sydney, assignor to K. Williams, Sydney, New South Wales, Australia. Treatment of sulfur-containing materials. 2,559,324, July 3.
Spillane, Paul X., Abbotsford, near Sydney, assignor to K. Williams, Sydney, New South Wales, Australia. Conversion to sulfur and/or sulfur dioxide of other sulfur compounds and catalysts therefor. 2,559,325, July 3.
Spillane, Paul X., Ashfield, Sydney, assignor to K. Williams, Sydney, New South Wales, Australia. Operating internal-combustion engines and means for the performance of that method. 2,560,197, July 10.
Spiller, Richard F.: *See*—
Wilkin, Lewis G., and Spiller.
Spiller, William R., and L. D. Barley, Dayton, Ohio, assignors, by mesne assignments, to Acme Steel Company, Chicago, Ill. Drive release and brake for stitching machines. 2,571,303, Oct. 16.
Spillman, Gordon C.: *See*—
Pitt, Samuel, Spillman, and Wade.
Spillman, Gordon C., Roselle, N. J., and N. Zuck, Brooklyn, assignors to Western Electric Company, Incorporated, New York, N. Y. Strand guiding apparatus. 2,540,840, Feb. 6.
Spilman, Raymond, Bronxville, assignor to L. E. Waterman Company, New York, N. Y. Dip inkwell. 2,547,100, Apr. 3.
Spinasse, Arthur E., deceased, and W. H. Pumphrey, Sr., Mount Vernon, Ohio; H. Cornell, administrator of said A. E. Spinasse. Induction motor and operation. 2,567,976, Sept. 18.
Spin-Dex, Inc., assignee: *See*—
Carlson, Walter O.
Olson, Clarence O.
Spindt, Roderick S.: *See*—
Stevens, Donald R., and Spindt.
Spinelli, Louis, Paterson, N. J. Textile handling. 2,570,877, Oct. 9.
Spinello, Mathew, Rockford, Ill. Door lock. 2,577,216, Dec. 4.
Spinnenweber, Charles V., assignee: *See*—
Schwark, Paul R.
Spiral Binding Company, Inc., assignee: *See*—
November, Milton H.
Spirax Manufacturing Company Limited, assignee: *See*—
Smith, Herbert A.
Spisak, Julia M., Cleveland, Ohio. Sanitary belt. 2,539,338, Jan. 23.
Spitalny, Milton M., Hillside, N. J. Carry-all vanity case. 2,573,620, Oct. 30.
Spiteri, Joseph, assignor of one-half to C. O. Birkland, Erie, Pa. Baby walking and balancing device. 2,545,009, Mar. 13.
Spittler, Eugene R., and I. W. Johnson, Schenectady, N. Y., assignors to General Electric Company. Resistance welding and resistance weld testing. 2,577,163, Dec. 4.
Spitz, Mortimer L., Brooklyn, N. Y. Device for hanging floral displays. 2,576,705, Nov. 27.
Spitzer, William C., Chicago, Ill., and R. T. Ryan, Hammond, Ind., assignors to The Sherwin-Williams Company, Cleveland, Ohio. Improving the drying qualities of tall oil. 2,539,975. Jan. 30.
Spivack, Theodore D., Stratford, Conn. Aspirating hypodermic syringe. 2,568,173, Sept. 18.
Spivey, Frank L., deceased, assignor of one-half to E. C. Overall, San Antonio, Tex.; H. F. Spivey, administratrix of said F. L. Spivey. Poultry and live stock feeder 2,560,828, July 17.
Spivey, Hazel F., administratrix: *See*—
Spivey, Frank L.
Spivey, William F., Jr.: *See*—
Hutchison, Calvin E., and Spivey.
Spivy-Johnson Art and Frame Company, assignee: *See*—
Johnson, James T., and Henderson.
Splaine, Edward M., assignor to American Optical Company, Southbridge, Mass. Ophthalmic mounting. 2,552,121, May 8.
Splaine, Edward M., assignor to American Optical Company, Southbridge, Mass. Ophthalmic mounting. 2,552,122, May 8.
Splaine, Edward M., assignor to American Optical Company, Southbridge, Mass. Ophthalmic mounting. 2,552,123, May 8.
Splaine, Edward M., assignor to American Optical Company, Southbridge, Mass. Semirimless ophthalmic mounting. 2,556,379, June 12.
Splaine, Edward M., assignor to American Optical Company, Southbridge, Mass. Ophthalmic mounting. 2,558,499, June 26.
Splaine, Edward M., assignor to American Optical Company, Southbridge, Mass. Ophthalmic mounting. 2,562,750, July 31.
Splaine, Edward M., assignor to American Optical Company, Southbridge, Mass. Connecting means for use in ophthalmic mountings. 2,563,429, Aug. 7.
Splaine, Edward M., assignor to American Optical Company, Southbridge, Mass. Ophthalmic lens mounting including frame elements. 2,574,197, Nov. 6.
Splaine, Edward M., Southbridge, Mass., and B. Grosvenor, Pomfret, Conn., assignors to American Optical Company, Southbridge, Mass. Spectacle case. 2,565,441, Aug. 21
Spofford, Warren A., Glen Ridge, N. J., assignor to General Electric Company. Fluid flow control system and valve therefor. 2,555,012, May 29.
Spohr, Carl W., assignor to The Curtiss Candy Company, Chicago, Ill. Apparatus for feeding sheets vertically. 2,558,989, July 3.
Spokes, Ray E., Ann Arbor, Mich., assignor to American Brake Shoe Company, Wilmington, Del. Bonding element for friction element assemblies. 2,554,128, May 22.
Spolek pro Chemickou a Hutni Vyrobu, Narodni Podnik-United Chemical and Metallurgical Works, National Corporation, assignee: *See*—
Ettel, Viktor.
Sponge Rubber Products Company, The, assignee: *See*—
Talalay, Anselm.
Talalay, Anselm, and Barton.
Sponsler, Charles S., Philadelphia, Pa. Shock absorbing device for doors. 2,541,179, Feb. 13.
Spooner, William W., Ilkley, England. Apparatus for the treatment of textiles. 2,571,494, Oct. 16.
Spoor, Theodorus A., Eindhoven, Netherlands, assignor, by mesne assignments, to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Slide core coil for a tuned circuit having a constant selectivity. 2,547,793, Apr. 3.
Sporing, Percy A., Hampton Hill, assignor to The Telegraph Condenser Company Limited, North Acton, England. Electrical condenser. 2,550,308, Apr. 24.
Sporing, Percy A., Hampton Hill, and C. P. Johnson, Hanwell, England. Applying metal foil to paper in strip form. 2,569,785, Oct. 2.
Sporlan Valve Company, assignee: *See*—
Lange, Harold T.
Sporn, Philip: *See*—
Ambros, Eugene R., and Sporn.
Sporney, George C.: *See*—
Sparklin, Charles H., and Sporney.
Sporney, George C., Chicago, Ill., assignor to Birtman Electric Company. Presser foot bar lifting mechanism for sewing machines . 2,558,010, June 26.
Sport Products Inc., assignee: *See*—
Wilkens, Howard J.
Spradlin, Bob A. T., assignee: *See*—
Dobreff, Stoyan D.
Spradling, Herbert P., Dallas, Tex. Awning. 2,576,422, Nov. 27.
Spragg, Harry, Derbyshire, assignor to Markham & Company Limited, Chesterfield, England. Apparatus for effecting or controlling traverse of a body between opposed walls. 2,579,981, Dec. 25.
Sprague, Chester E., Portland, Oreg. Tapping device. 2,551,551, May 1.
Sprague, Clifford, Wilmar, Calif. Hacksaw frame. 2,538,480, Jan. 16.
Sprague Electric Company, assignee: *See*—
Atkinson, John F.
Atkinson, John F., and Lubin.
Beverly, Nelson E.
Burnham, John.
Burnham, John, Dippold, and Robinson.
Dannenberg, Eli M.
Doughty, Edward C., Jr.
Lies, William J.
Markarian, Moushy.
Peck, David B.
Podolsky, Leon.
Puppolo, Henry F.
Robinson, Preston, and Allison.
Robinson, Preston, and Netherwood.
Ross, Sidney D., and Markarian.
Sprague, Julian K.
Sprague, Enoch K.: *See*—
Hatton, Arthur T., and Sprague.
Sprague, Harry, Jr., deceased, Clinton, Ill., by H, Sprague, Sr., administrator. Transversely movable piston type clutch for fluid transmissions. 2,539,872, Jan. 30.
Sprague, Harry, Sr., administrator: *See*—
Sprague, Harry, Jr.
Sprague, James M.: *See*—
Cox, Edward H., and Sprague.
Sprague, James M., Drexel Hill, assignor to Sharp & Dohme, Incorporated, Philadelphia, Pa. Sulfonamide derivatives. 2,540,356, Feb. 6.
Sprague, James M., Drexel Hill, assignor to Sharp & Dohme, Incorporated, Philadelphia, Pa. Heterocyclic quaternary ammonium compounds. 2,567,912, Sept. 11.
Sprague, James M., Drexel Hill, and A. H. Land, Ridley Park, assignors to Sharp & Dohme, Incorporated, Philadelphia, Pa. S-(4-thiazolylmethyl)-isothioureas. 2,548,746, Apr. 10.
Sprague, Julian K., assignor to Sprague Electric Company, North Adams, Mass. Clamp for making mica condensers. 2,542,719, Feb. 20.
Sprague, Robert H.: *See*—
Brooker, Leslie G. S., and Sprague.
Carroll, Burt H., and Sprague.
Sprague, Robert H., assignor to Eastman Kodak Company, Rochester, N. Y. Pyrro-colinocarbocyanine dyes and the preparation thereof. 2,571,775, Oct. 16.

Sprague, Robert H., and L. G. S. Brooker, assignors to Eastman Kodak Company, Rochester, N. Y. Photographic silver halide element with mordanted dye layer. 2,548,564, Apr. 10.
Sprague, Stanley L.: *See*—
Macdonald, Alexander D., and Sprague.
Spraker, Livingston M., Palatine Bridge, N. Y. Surface supported friction cap remover. 2,542,295, Feb. 20.
Spranger, Leonard J., Oak Park, Ill. Constant air velocity carburetor. 2,552,465, May 8.
Spraragen, Louis, assignor to Bridgeport Fabrics, Inc., Bridgeport, Conn. Sealing door. 2,560,308, July 10.
Sprauer, Jerome W., Niagara Falls, N. Y., and N. D. Peschko, Haddonfield, N. J., assignors to The Pennsylvania Salt Manufacturing Company, Philadelphia, Pa. Recovery of hydrochloric acid. 2,558,011, June 26.
Spraying Systems Co., assignee: *See*—
Wahlin, Fred W.
Spraylat Corporation, assignee: *See*—
Oppenheim, Richard D.
Sprecker, Alfred L.: *See*—
Watson, Thomas J., and Sprecker.
Spremulli, Paul F., assignor to Corning Glass Works, Corning, N. Y. Stirrer and feeder. 2,570,078, Oct. 2.
Spremulli, Paul F., assignor to Corning Glass Works, Corning, N. Y. Glass stirrer and feeder. 2,570,079, Oct. 2.
Spreng, Warren M., assignor to The F. E. Myers & Bro. Co., Ashland, Ohio. Duster. 2,545,829, Mar. 20.
Sprenger, John E., Northville, Mich. Fluorescent light tube changer. 2,543,607, Feb. 27.
Sprenger, William H.: *See*—
Buchholz, Arnold R., Sprenger, and Hoffman.
Sprick, Richard H., Lake City, Minn. Brake set control. 2,553,119, May 15.
Spriggs, Floyd R., Beaver Dam, Ky. Hoisting drum safety control. 2,545,594, Mar. 20.
Sprinchorn, Bertil F., Malmo, Sweden, assignor to The Egry Register Company, Dayton, Ohio. Manifolding attachment for typewriters. 2,558,277, June 26.
Spring, Frank S., Grosse Pointe, assignor to Hudson Motor Car Company, Detroit, Mich. Rear window for convertible bodies. 2,560,493, July 10.
Springborn, Fritz, and J. E. Sinos, Astoria, N. Y. Antiseptic animal appliance. 2,574,130, Nov. 6.
Springer, Arnold P., Taft, Calif. Well apparatus. 2,569,026, Sept. 25.
Springer, Peter P., assignor of one-half to G. J. Timmerman, Davenport, Iowa. Combined kitchen table and folding ironing board. 2,569,263, Sept. 25.
Springfield Leather Products Company, The, assignee: *See*—
Whitmer, William R.
Springfield Photo Mount Co., assignee: *See*—
Jolly, Oscar W.
Springfield Tent & Awning Company, The, assignee: *See*—
McCoy, Frank V.
Springs Cotton Mills, Inc., The, assignee: *See*—
Still, Conway L.
Springsteen, Luther W., assignor of one-half to J. M. Hardy, and one-half to M. L. Quinn, Binghamton, N. Y. Vending machine. 2,561,828, July 24.
Sproul, John B., assignee: *See*—
Shea, James B.
Sproul, John C., assignor to Mavor & Coulson, Limited, Glasgow, Scotland. Mining machine. 2,551,510, May 1.
Sproul, Nolte V.: *See*—
Harrison, William R., Kilpatrick, Zimmermann, Sproul, and Galleher.
Sproule, Lorne W., and L. F. King, Sarnia, Ontario, Canada, assignors to Standard Oil Development Company. Extreme pressure lubricant containing manganese napthenate as an antirust agent. 2,562,829, July 31.
Sproule, Lorne W., and T. W. Dixon, Sarnia, Ontario, Canada, assignors to Standard Oil Development Company. Textile oils. 2,565,403, Aug. 21.
Sproule, William K.: *See*—
Queneau, Paul E., Sproule, and Illis.
Sproull, Charles W., deceased, Houston, Tex.; E. M. Sproull, executrix of said C. W. Sproull. Pump. 2,545,315, Mar. 13.
Sproull, Edith M., executrix: *See*—
Sproull, Charles W.
Sprouse, Erston Y., assignor of one-half to O. N. Melton, Gaffney, S. C. Take-up let-back mechanism for looms. 2,551,910, May 8.
Sprouse, V. E., Company, Inc., assignee: *See*—
Sprouse, Verner E., and Jordan.
Sprouse, Verner E., and T. P. Jordan, assignors to V. E. Sprouse Company, Inc., Columbus, Ind. Ventilating fan mounting structure. 2,573,145, Oct. 30.
Spruance, Frank P., Jr., assignor to American Chemical Paint Company, Ambler, Pa. Improving the resistance to corrosion and abrasion of certain coated aluminum surfaces. 2,563,430, Aug. 7.
Spruance, Frank P., Jr., assignor to American Chemical Paint Company, Ambler, Pa. Improving the resistance to corrosion and abrasion of certain coated aluminum surfaces. 2,563,431, Aug. 7.
Spruance, Frank P., Jr., assignor to American Chemical Paint Company, Ambler, Pa. Improving the resistance to corrosion and abrasion of certain coated aluminum surfaces. 2,568,936, Sept. 25.
Spruill, Leslie J.: *See*—
Russ, John D., and Spruill.
Sprules, Francis J.: *See*—
Price, Donald, and Sprules.
Sprung, Joseph A.: *See*—
Schmidt, Willy A., and Sprung.
Sprung, Joseph A., Easton, Pa., assignor to General Aniline & Film Corporation, New York, N. Y. Silver azo dye bleach-out process and bleaching baths for use therein. 2,564,238, Aug. 14.
Sprung, Joseph A., and W. A. Schmidt, Easton, Pa., assignors to General Aniline & Film Corporation, New York, N. Y. Aromatic and heterocyclic diazosulfones. 2,540,057, Jan. 30.
Sprung, Maria: *See*—
Schenk, Theresia, and Sprung.
Sprung, Murray M., Schenectady, N. Y., assignor to General Electric Company. Suspensions of polymeric chlochlorotrifluoroethylene. 2,542,071, Feb. 20.
Sprung, Murray M., Schenectady, N. Y., assignor to General Electric Company. Suspensions of polymeric chlorotrifluoroethylene. 2,542,072, Feb. 20.
Sprung, Murray M., and F. O. Guenther, Schenectady, N. Y., assignors to General Electric Company. Solutions of polymeric chlorotrifluoroethylene. 2,542,070, Feb. 20.
Sprunger, Grover W., Berne, Ind. Bedsted. 2,554,799, May 29.
Sprute, Julius F.: *See*—
Shaffer, Boyd F., and Sprute.
Spry, George, assignor to The Astatic Corporation, Conneaut, Ohio. Transducer chuck and stylus. 2,563,196, Aug. 7.
Spuds, Inc., assignee: *See*—
Foster, Stanley K.
Spühl, Julius, Saint Gallen, Switzerland. Apparatus for connecting coil springs. 2,575,774, Nov. 20.
Spurgeon, Clyde L., Salem, W. Va. Apparatus for embalming. 2,538,282, Jan. 16.
Spurin, Leslie T., assignor to Zwicky Limited, Slough, England. Aircraft refueling plant. 2,559,233, July 3.
Spurlin, Harold M.: *See*—
Davis, James W., and Spurlin.
Spurlin, William V.: *See*—
Weyandt, Carl S., and Spurlin.
Spurling, Jeffrey R.: *See*—
Cook, Curtiss L., and Spurling.
Spurling, Sherman D., Macon, Ga. Wire reel. 2,544,401, Mar. 6.
Spurr, Allen W., Watertown, Mass. Clock striking mechanism. 2,559,476, July 3.
Spurr, Philip A., assignor to Pye Limited, Cambridge, England. Power supply system. 2,536,580, Jan. 2.
Sputterless Pan Company, assignee: *See*—
Kavanagh, James O.
Square D Company, assignee: *See*—
Andresen, John H., Jr.
Carbonara, Victor E.
Jackson, John G.
Jackson, John G., and Kingdon.
Kingdon, Ralph H.
Stanback, Harris I., and Anger.
Zeller, Josef J.
Squibb, E. R., & Sons, assignee: *See*—
Bates, Robert W., and Cohen.
Bernstein, Jack.
Dutcher, James D., Bernstein, and Dexter.
Fried, Josef, Titus, and Shannon.
Fried, Josef, and Wintersteiner.
Lott, William A., Bernstein, and Heuser.
Lott, William A., Losee, and Adler.
O'Keeffe, Andrew E., and Shannon.
Shaw, Elliot N.
Stavely, Homer E.
Wintersteiner, Oskar, and MacPhillamy.
Squibb, William F., and R. T. Brackett, San Diego, Calif. Retractable whip antenna. 2,553,611, May 22.
Squier, Ralph T., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Hygroscopic control device. 2,543,384, Feb. 27.
Squier, Ralph T., and L. E. Dewey, assignors to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Magnetic compass. 2,545,830, Mar. 20.
Squiers, Max U., La Grange, Ill., assignor to Charles Peckat Manufacturing Co. Anchoring means for visors for vehicles. 2,541,304, Feb. 13.
Squiers, Max U., La Grange, Ill., assignor to Charles Peckat Manufacturing Co. Prismlike lens, particularly for viewing traffic lights. 2,549,541, Apr. 17.
Squiers, Merrill D., Kalamazoo, Mich. Water motor. 2,546,240, Mar. 20.
Squiers, Merrill D., Kalamazoo, Mich. Oscillating lawn sprinkler. 2,546,241, Mar. 27.
Squire, Frederick J.: *See*—
Bodman, John W., Squire, and Busby.
Squire, Nathen E., assignor to American Automatic Devices Co., Chicago, Ill. Ball and socket mounting for rearview mirrors and the like. 2,566,042, Aug. 28.
Squire, Robert K., Los Angeles, Calif. Self-sustaining scaffold. 2,561,599, July 24.
Squires, Frederick, Champaign, Ill. Preparing coal veins for gasification by removal of underlying clay. 2,561,639, July 24.

Squires, Rodney M., Dallas, Tex., assignor, by mesne assignments, to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Apparatus for collecting soil gas samples. 2,545,900, Mar. 20.

Squires, Walter, Jr., Westfield, N. J., and L. L. Zahn, Jr., New York, N. Y., assignors to Standard Oil Development Company. Contacting solid particles and gaseous fluids. 2,556,301, June 12.

Sramek, Elmer: *See*—
Malhiot, Clarence J., and Sramek.

Syrgley, Harry W., Abilene, Tex. Protective attachment for safes. 2,566,587, Sept. 4.

Staacke, Charles W., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Conveyer belt support. 2,568,174, Sept. 18.

Staaf, Richard V., Crafton, Pa., assignor of one-fourth to himself, one-fourth to H. B. Groetzinger, one-fourth to R. W. Staaf, and one-fourth to H. W. Groetzinger, Pittsburgh, Pa. Support for luminous tubing. 2,545,416, Mar. 13.

Staaf, Richard W., assignee: *See*—
Staaf, Richard V.

Staaf, Werner I., Rennerdale, Pa. Removable letter sign. 2,538,056, Jan. 16.

Staaff, Per H., Alsten, assignor to Aktiebolaget Separator, Stockholm, Sweden. Standardizing cream. 2,567,898, Sept. 11.

Staal, Cornelis J. H. A., Eindhoven, Netherlands, assignor to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Multiplex transmitting device. 2,551,816, May 8.

Staal, Cornelis J. H. A., Eindhoven, Netherlands, assignor to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Multiplex transceiving arrangement. 2,570,010, Oct. 2.

Staar, Gustave T. L., assignee: *See*—
Nottingham, Ralph B.

Staats, Franklin E., Keithsburg, Ill. Variable throw crankshaft piston type radial pump. 2,544,055, Mar. 6.

Staatsbedrijf Der Posterijen, Telegrafie En Telefonie, assignee: *See*—
De Vries, Willem C.

Stabelan Chemical Company, assignee: *See*—
Chaban, Charles J.

Stace, Walter L., Indianapolis, Ind. Chuck. Re. 23,419, Oct. 16.

Stacey Brothers Gas Construction Company, assignee: *See*—
Armstrong, Edward T.
Gettys, Harold R., and Kissick.
Kissick, Russell P.

Stacey, Edward L., Houston, Tex. Setting of tool for brake drum machining. 2,569,873, Oct. 2.

Stacey, Ernest W., D. W. Hannable and A. R. Hubbard, Beverly, and G. K. Richardson, Wenham, Mass., assignors to United Shoe Machinery Corporation, Flemington, N. J. Armed mount for aircraft. 2,542,217, Feb. 20.

Stachura, Edward J., Arlington, Va. Balanced push-pull amplifier. 2,561,425, July 24.

Stachura, Walter J., Dearborn, Mich. Sheet metal lifting tool. 2,567,356, Sept. 11.

Stack, Cedric C., Elwood, Ind. Holder for a spool of thread. 2,550,944, May 1.

Stack, John D.: *See*—
Corcoran, James P., and Stack.

Stack, Mary E., Seattle, Wash. Enema apparatus. 2,538,215, Jan. 16.

Stackpole Carbon Company, assignee: *See*—
Geci, Melan M.
Geci, Melan M., Jr.
Krug, William J.
Sorg, Francis X.

Stacom Process Corporation, assignee: *See*—
Diserens, Paul.

Stacy, Gardner W.: *See*—
Lisk, George F., and Stacy.

Stacy, John E.: *See*—
Brown, William C., and Stacy.

Stacy, Thomas F., assignor to The French Oil Mill Machinery Company, Piqua, Ohio. Hydraulic control system. 2,552,067, May 8.

Stacy, Thomas F., assignor to The French Oil Mill Machinery Company, Piqua, Ohio. Hydraulic motor system and cooling means for the pump thereof. 2,560,749, July 17.

Stacy, Thomas F., assignor to The French Oil Mill Machinery Company, Piqua, Ohio. Control for hydraulic motors. 2,568,030, Sept. 18.

Stacy, Thomas F., assignor to The French Oil Mill Machinery Company, Piqua, Ohio. Hydraulic motor control. 2,577,981, Dec. 11.

Stade, Albert H., Los Angeles, Calif. Stabilizer for house trailers. 2,568,261, Sept. 18.

Stadelman, Joseph F., Mount Lebanon Township, Allegheny County, assignor to Taylor-Wilson Manufacturing Company, McKees Rocks, Pa. Multiple pipe-testing machine. 2,551,645, May 8.

Stadelmann, Fritz: *See*—
Freund, Herman R., and Stadelmann.

Stadler, Albert, assignor to Eclipse Fuel Engineering Co., Rockford, Ill. Automatic valve control means. 2,564,133, Aug. 14.

Stadler, Hurter & Company, assignee: *See*—
Hurter, Alfred T.

Stadum, Clarence B., Buffalo, N. Y., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Electronic timing system. 2,551,856, May 8.

Staege, Stephen A., assignor to The Black-Clawson Company, Hamilton, Ohio. Papermaking machine and control therefor. 2,540,301, Feb. 6.

Staehle, Henry C., assignor to Eastman Kodak Company, Rochester, N. Y. Photosensitive coating containing dyes. 2,544,903, Mar. 13.

Staehle, Henry C., assignor to Eastman Kodak Company, Rochester, N. Y. Making relief printing plates. 2,548,565, Apr. 10.

Staempfli, Joseph A., New Orleans, La. Pivoted fluke anchor. 2,563,380, Aug. 7.

Staerkle, Max A., Baech, and E. Meier, assignors to Blattmann & Co., Waedenswil, Switzerland. Starch conversion process. 2,565,404, Aug. 21.

Staff, William S., Dallas, Tex., assignor, by mesne assignments, to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Locking mounting for galvanometers. 2,571,776, Oct. 16.

Staffer Chemical Company, assignee: *See*—
Campbell, Ramsey G.

Stafford, Arthur B., Forest Hills, N. Y., assignor to Ajax Buff Company, Chicago, Ill. Buffing wheel. 2,553,793, May 22.

Stafford, James E.: *See*—
Goodson, Louis H., Moffett, Stafford, and Hoehn.

Stafford, James W., Montreal, Quebec, Canada. Isolated phase bus structure. 2,548,566, Apr. 10.

Stafford, Jerome W., and R. L. Garman, Cambridge, Mass., assignors, by mesne assignments, to the United States of America as represented by the Secretary of War. Range indicating system. 2,573,070, Oct. 30.

Stafford, Robert M., Somerville, N. J., assignor to Johns-Manville Corporation, New York, N. Y. Fire retardant waterproof coating. 2,542,721, Feb. 20.

Stafford, Roy M., and C. J. Doyle, Houston, Tex.; said Stafford assignor to said Doyle. Holder for screen or other fabrics. 2,567,743, Sept. 11.

Stafford, Roy V., Black Mountain, N. C. Line engaging attachment for fishing floats. 2,563,560, Aug. 7.

Stafford, Walter R., assignor to E. J. Wolfer, Los Angeles, Calif. Filter. 2,577,217, Dec. 4.

Stafford, William L., Somerville, and E. R. Powell, North Plainfield, N. J., assignors to Johns-Manville Corporation, New York, N. Y. Heat expanding perlite while wiping furnace interiors. 2,550,877, May 1.

Stafford, William L., Somerville, N. J., assignor to Johns-Manville Corporation, New York, N. Y. Heat insulating blanket and manufacture. 2,554,963, May 29.

Stageberg, Sterling O., Minneapolis, Minn. Liquid control for textile washing machines. 2,565,150, Aug. 21.

Stageberg, Susie W., Red Wing, Minn. Clothes lifter. 2,576,242, Nov. 27.

Stagmeier, Arthur F.: *See*—
Rector, Thomas M., and Stagmeier.

Stagner, Hamilton R., St. Louis, Mo. Vaporizing apparatus. 2,576,976, Dec. 4.

Staheli, Paul, Arvida, Quebec, Canada. Brush and scraper for boots. 2,558,393, June 26.

Stahl, Elmer R., Meyersdale, Pa., assignor to Celanese Corporation of America, New York, N. Y. Spinning ring assembly. 2,565,578, Aug. 28.

Stahl, John T., assignee: *See*—
Shinneman, Gerald W.

Stahl, Leroy R., Duluth, Minn. Accordion with auxiliary keyboard. 2,546,022, Mar. 20.

Stahl, Leslie W., Houston, Tex., and H. E. Young, Jr., assignors to The Locomotive Finished Material Company, Atchison, Kans. Rotary hydraulic swivel. 2,558,990, July 3.

Stahl, Thomas J., Long Beach, Calif. Arm and wheel for lawn mowers. 2,546,279, Mar. 27.

Stahl, William F., assignee: *See*—
Collins, Fred V.
Collins, Fred V., and Spalding.
Spalding, Kenneth F.

Stahl, William F., Kenilworth, Ill. Reducing paper tubes in diameter. 2,557,017, June 12.

Stahly, Eldon E., assignor to Koppers Company, Inc., Pittsburgh, Pa. 1,2-dithiocyanoethyl naphthalene. 2,539,493, Jan. 30.

Stahly, Eldon E., assignor to Koppers Company, Inc., Pittsburgh, Pa. Dimerization of butadiene. 2,544,808, Mar. 13.

Stahmer, Bernhardt, Omaha, Nebr. Eccentric potato slicer. 2,567,248, Sept. 11.

Stahmer, George F., II, and R. W. Foley, Chicago, Ill. Agitating and discharging disk structure for fertilizer spreaders. 2,541,008, Feb. 6.

Stair, Carlyle B., Glendale, Calif. Razor blade holder. 2,549,542, Apr. 17.

Staire, Walter C.: *See*—
Dayton, James A., and Staire.

Staiti, James J.: *See*—
Gushard, William H., and Staiti.

Stake, John A., Akron, Ohio, assignor to The Quaker Oats Company, Chicago, Ill. Article transfer mechanism. 2,561,541, July 24.

Stalber, Howard F., Williamstown, Mass., assignor, by mesne assignments, to the United States of America as represented by the Secretary of the Navy. Triggered square wave voltage generator. 2,567,742, Sept. 11.
Stalder, Adolf, Eschlikon, Switzerland. Machine for the manufacture of small floor-parquetting blocks. 2,559,378, July 3.
Stalder, William D., Newhall, Calif. Fishing reel of the tiltable spool type. 2,549,029, Apr. 17.
Stalego, Charles J., Newark, N. J., assignor to Owens-Corning Fiberglas Corporation. Method and apparatus for producing glass fibers. 2,559,572, July 3.
Stalego, Charles J., Newark, Ohio, assignor to Owens-Corning Fiberglas Corporation. Method and apparatus for producing glass fibers. 2,563,080, Aug. 7.
Stalego, Charles J., Newark, Ohio, assignor to Owens-Corning Fiberglas Corporation. Method and apparatus for forming glass fibers. 2,569,699, Oct. 2.
Stalego, Charles J., Newark, Ohio, assignor to Owens-Corning Fiberglas Corporation. Making colored glass fibers. 2,569,700, Oct. 2.
Stalego, Charles J., Newark, Ohio, assignor to Owens-Corning Fiberglas Corporation. Method and apparatus for forming fibers. 2,578,100, Dec. 11.
Stalego, Charles J., Newark, Ohio, assignor to Owens-Corning Fiberglas Corporation. Apparatus for producing fibers from glass and other heat softenable materials. 2,578,101, Dec. 11.
Staley, A. E., Manufacturing Company, assignee: *See*—
Moyer, Wendell W.
Parsons, Glenn W.
Wolff, Hans.
Staley, Austin L., Fox Chapel, assignor to Universal Lubricating Systems, Inc., Oakmont, Pa. Manufacture of lubrication fittings. 2,566,505, Sept. 4.
Staley, Charles F.: *See*—
Taylor, Charles R., and Staley.
Stålhane, Bertil, Stockholm, assignor to Allmänna Svenska Elektriska Aktiebolaget, Vasteras, Sweden. Generating or influencing an alternating current. 2,540,600, Feb. 6.
Stalker, Edward A., Bay City, Mich. Control of aircraft pitching. 2,541,620, Feb. 13.
Stalker, Edward A., Bay City, Mich. Boundary layer control system for aircraft wings. 2,545,010, Mar. 13.
Stalker, Edward A., Bay City, Mich. Automatic control for helicopter rotors. 2,547,721, Apr. 3.
Stalker, Edward A., Bay City, Mich. Direct lift aircraft. 2,556,710, June 12.
Stalker, Edward A., Bay City, Mich. Gas turbine. 2,567,249, Sept. 11.
Stalker, Edward A., Bay City, Mich. Slotted wing structure for aircraft. 2,571,304, Oct. 16.
Stalker, Edward A., Bay City, Mich. Cooling means for turbines. 2,576,814, Nov. 27.
Stall, Orville T., St. Paul, Minn. Movable means for supporting draperies. 2,537,556, Jan. 9.
Staller, Jan, Brno, Czechoslovakia. Apparatus for filling inverted bottles. 2,547,606, Apr. 3.
Stallmann, Otto, Bridgeton, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Metal-free phthalocyanine of novel color characteristics. 2,556,729, June 12.
Stallmann, Otto, Bridgeton, N. J., and G. B. Robbins, Claymont, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Sulfur colors of the dioxazine series. 2,564,380, Aug. 14.
Stallone, Philip, West Palm Beach, Fla. Drapery support. 2,557,578, June 19.
Staltare, Peter, Somerville, Mass. Rotary broiler. 2,537,378, Jan. 9.
Stamatoff, Gelu S., Nutley, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Stabilization of chlorinated ethylene polymer. 2,578,904, Dec. 18.
Stamberger, Paul, Stamford, Conn. Diaper. 2,570,011, Oct. 2.
Stamets, William K., assignee: *See*—
Hibbard, Robert L.
Stamm, Alfred J., and H. Tarkow, Madison, Wis., assignors to the United States of America as represented by the Secretary of Agriculture. Stabilizing wood. 2,572,070, Oct. 23.
Stamm, John J., Media, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Locomotive control system. 2,546,023, Mar. 20.
Stammberger, Lorenz O.: *See*—
Heller, William, and Stammberger.
Stammer, William C., Glenview, and C. R. Breden, La Grange, Ill., assignors to Continental Can Company, Inc., New York, N. Y. Method of and apparatus for forming solder pellets. 2,574,357, Nov. 6.
Stamper, Hamilton A., Los Angeles, Calif., assignor to Bendix Aviation Corporation, South Bend, Ind. Calling system. 2,543,608, Feb. 27.
Stamper, Hamilton A., Los Angeles, Calif., assignor to Bendix Aviation Corporation, South Bend, Ind. Positioning mechanism. 2,553,951, May 22.
Stamper, Hamilton A., North Hollywood, Calif., assignor to Bendix Aviation Corporation, South Bend, Ind. Stylus structure for electrical recorders. 2,568,306, Sept. 18.
Stamper, Hamilton A., Los Angeles, Calif., assignor to Bendix Aviation Corporation, South Bend, Ind. Code identification system. 2,577,283, Dec. 4.
Stampings, Incorporated, assignee: *See*—
Fauser, Oscar, Jr.
Stanalis, Stanley, Venice, Calif. Moisture injector for internal-combustion engine carburetors. 2,576,196, Nov. 27.
Stanback, Harris I., Milwaukee, and E. G. Anger, Wauwatosa, Wis., assignors to Square D Company, Detroit, Mich. Welder control system. 2,574,939, Nov. 13.
Stancal Asphalt & Bitumuls Company, assignee: *See*—
McCoy, Paul E.
Stancu, George S., Marblehead, Mass., assignor to General Electric Company. Electric translating apparatus. 2,540,841, Feb. 6.
Stancliff, Thomas H., Houston, Tex. Drill. 2,554,388, May 22.
Stancombe, Ellie M., Leominster, Mass. Buttoned garment and button therefor. 2,550,309, Apr. 24.
Standal, Sylvia I., assignor of one-half to A. J. Severtson and one-half to H. Mendenhall, Minneapolis, Minn. Device for removing the eyes from potatoes and the like. 2,540,220, Feb. 6.
Standard Brands Incorporated, assignee: *See*—
Barch, William E.
Standard Brick and Sand Company Limited, The, assignee: *See*—
Segrove, Herbert D.
Standard Cap and Seal Corporation, assignee: *See*—
Zimmermann, Willy E.
Zimmermann, Willy E., and Konrad.
Standard Car Truck Company, assignee: *See*—
Barber, Franklin D.
Leese, Charles P.
Shaw, Charles B.
Standard Coil Products Co., Inc., assignee: *See*—
Thias, Edwin P.
Standard Container Inc., assignee: *See*—
Vogel, William M., Jr.
Standard Conveyor Company, assignee: *See*—
Eggleston, Ira S.
Holm, Roy F.
Standard Dayton Corporation, assignee: *See*—
Bando, Edward.
Burrus, Paul B., and Ditmer.
Noodleman, Samuel.
Standard Electronics Research Corporation, assignee: *See*—
Vossberg, Carl A., and Fua.
Standard Engineering Company of Washington, D. C., Inc., assignee: *See*—
Haines, Frank H.
Standard Engineering Works, The, assignee: *See*—
Mills, Bertram M.
Standard Gage Company, assignee: *See*—
Emery, Alfred H., and Delaney.
Standard Gage Company, Inc., assignee: *See*—
Aldeborgh, Erik H.
Boat, Earl M.
Emery, Alfred H.
Emery, Alfred H., Bishop, and Boat.
Stine, Harrison M.
Standard Lime and Stone Company, The, assignee: *See*—
McNeill, John H.
Standard Manifold Company Inc., assignee: *See*—
Fleischmann, Lester K.
Standard Molding Corporation, assignee: *See*—
Stigler, Robert G.
Standard Motor Company Limited, The, assignee: *See*—
Grinham, Edward G., and Turner.
Standard Oil Company, assignee: *See*—
Adams, Chester E., and Proell.
Alexander, John J.
Bartleson, John D.
Bolt, John A., and Tom.
Boyd, Loyd Q.
Brenholdt, Irving R.
Brooks, John A., Kruase, Tom, and Fragen.
Brown, Herbert C.
Burk, Robert E., and Hughes.
Coffey, Joseph F.
England, Frederick E.
Fainman, Morton.
Lien, Arthur P., Zimmerschied, and Higley.
Loane, Clarence M., and Mixon.
McCaulay, David A., and Lien.
Parker, Howard A., and Ritter.
Peters, Edwin F.
Proell, Wayne A.
Proell, Wayne A., and Adams.
Schroeder, Carl J.
Schwartz, Anthony M.
Seebold, James E.
Smith, Joseph B.
Sorg, Leonard V., Dickey, and Weaverling.
Tom, Theodore B.
Tom, Theodore B., and Krause.
Tusson, John R.
Voorhees, Vanderveer.
Wallace, Joseph S., and Flint.
Walsh, Thomas J., Ladd, and Heil.

Standard Oil Company, The, assignee: *See*—
Arveson, Maurice H.
Bartleson, John D.
Bartleson, John D., and Hughes.
Bartleson, John D., and Lankelma.
Bissell, William W., and Debo.
England, Frederick E.
Hughes, Everett C.
Hughes, Everett C., and Bartleson.
Irwin, Ernest R.
Johnson, Carl E., and Adams.
Jones, Arthur L., and Hughes.
Krause, Jack H. and Tom.
Lien, Arthur P., Evering, and Haeckl.
Lien, Arthur P., Hill, and Deters.
Lien, Arthur P., and McCauley.
Livesay, Patty C.
Musselman, John M.
Pachaly, Robert W.
Plummer, William B.
Proell, Wayne A.
Proell, Wayne A., and Adams.
Roberson, Donald C.
Roebuck, Alan K., and Evering.
Shoemaker, Bernard H.
Smith, Everet F., and Voorhees.
Strange, John H., and Grubb.
Veatch, Franklin, and Partch.

Standard Oil Development Company, assignee: *See*—
Amick, Erwin H., Jr.
Archibald, Francis M., and Mistretta.
Archibald, Francis M., and Mottern.
Arundale, Erving.
Arundale, Erving, and Haworth.
Arundale, Erving, and Juterbock.
Arundale, Erving, and Mikeska.
Arundale, Erving, and Thorn.
Atkinson, Phillip S.
Bailey, Bradford E.
Bailey, Herbert O.
Baker, Harold T.
Baldwin, Francis P.
Bannon, John H.
Barr, Frank T.
Barry, Adelbert.
Bartlett, Jeffrey H.
Baskin, Charles M.
Bayhi, Joseph F.
Beach, Leland K.
Bennett, George A., and Perry.
Bielstein, Walter J.
Black, James F., and Kearby.
Blair, Donald W., and Barry.
Blood, Robert H.
Boucher, Frank G.
Boyer, Marion W.
Brandon, Richard C.
Brandon, Richard C., and Jones.
Browder, John G.
Browder, John G., and Smith.
Brown, Stephen S.
Buchan, Rudolph C.
Buchmann, Fred J., and Voorhies.
Camp, John M.
Carlisle, Charles H.
Carlson, Carl S., Morrell, and Smith.
Carlson, Carl S., and Smith.
Carlson, Carl S., and Swaney.
Carrier, E. W.
Cashman, Edward P., and Lieber.
Clemens, Günter, and Westenfelder.
Cohen, Charles A.
Cone, John H., and Comeaux.
Connolly, Gerald C., and Schexnailder.
Cook, George B.
Cooper, Lyle M.
Corneil, Hampton G.
Corneil, Hampton G., and Schiller.
Corner, Eugene S., and Lynch.
Crookston, Robert R.
Crookston, Robert R., and Waters.
Cyphers, Elmer B.
Cyphers, Elmer B., and Bartlett.
Cyphers, Elmer B., and McNulty.
Dinwiddie, James A.
Dixon, Thomas W.
Dole, Stephen H.
Dornte, Ralph W.
Dornte, Ralph W., and McKay.
Drout, William M., Jr., and Dowling.
Dudley, Richard H.
Dunaway, James H., and Powell.
Duncan, Gordon W.
Dunlap, John G.
Eby, Lawrence T.
Epps, Ernest A., Jr.
Epps, Ernest A., Jr., and Garrett.
Ernst, Henry, Jr.
Fasce, Egi V.
Fenske, Merrell R., and Tegge.
Fourrier, Francis L., and Opryshek.
Frosch, Alex.
Fuqua, Mack C., and Garrett.

Standard Oil Development Company, assignee: *See*—Con.
Gallo, S. George, and Hartvigsen.
Garber, John D.
Garber, John D., Sparks, and Young.
Garber, John D., and Young.
Gessler, Albert M.
Gessler, Albert M., and Sayko.
Gibson, Harold D.
Gilbert, George R.
Gillespie, Bruce G.
Gilliland, Edwin R.
Gilliland, Edwin R., Morrell, Carlson, and Robertson.
Gleason, Anthony H.
Gould, Leslie R., and Wanless.
Green, A. Donald, and Carrier.
Green, Arthur D.
Green, Arthur D., and Marshall.
Green, Arthur D., Ohsol, and Kittleson.
Green, Arthur D., and Paltz.
Gregory, Albion H.
Hale, Chauncey C.
Harlan, John L.
Hawley, Roger S.
Hawley, Roger S., and Kittleson.
Hawley, Roger S., Kittleson, and Smith.
Heinrich, Raymond L.
Hemminger, Charles E.
Henn, Albert C., and Gathman.
Hibshman, Henry J.
Hibshman, Henry J., and Dolph.
Hildebrandt, Alexander B.
Hill, Boyd N., and Wadley.
Hockberger, William G.
Holder, Clinton H.
Hollyday, William C., Jr., and Sparks.
Holmes, August.
Howell, Lynn G.
Howell, William C., Jr.
Hudson, Boyd E., Jr.
Hunter, Edward A.
Ireson, Robert J.
Johnson, Everett A.
Jones, Insley P.
Jones, Minor C. K.
Jones, Minor C. K., and Eulhardt.
Jones, William C., Jr.
Jones, William H., Long, and Krebs.
Kearby, Kenneth K.
Kimberlin, Charles N., Jr.
Kimberlin, Charles N., Jr., and Bilisoly.
Kimberlin, Charles N., Jr., and Small.
Kirshenbaum, Isidor, and Grover.
Kirshenbaum, Isidor, and Kearby.
Kitchel, George B.
Kittleson, Allen R.
Kittleson, Allen R., and Mikeska.
Kittleson, Allen R., and Swaney.
Kittleson, Allen R., and Yowell.
Knox, William T., Jr.
Knox, William T., Jr., and Weeks.
Kolfenbach, John J., and O'Halloran.
Lewis, Warren K.
Leyonmark, George F., and Hardy.
Lieber, Eugene.
Lieber, Eugene, and Cashman.
Litton, James B., and Schiller.
Long, Robert W.
Lynch, Charles S.
Lynch, Charles S., Wasserbach, and Guyer.
Mack, Charles.
Mann, Matthew D., Jr., and Mottern.
Marschner, Robert F.
Martin, George A.
Martin, Homer Z.
Martin, Homer Z., Mayer, and Tyson.
Martin, Homer Z., and Nelson.
Matheson, George L.
Matuszak, Alfred H.
Matuszak, Alfred H., and Hand.
Mayer, Ivan.
Mayer, Ivan, and Ogorzaly.
McAdams, Don R., and Segura.
McAteer, James H.
McAteer, James H., and Morrell.
McDermott, John P.
McKay, John F., Jr., and Jasion.
McNab, John G., and Rogers.
McNab, John G., Hakala, and McDermott.
McNatt, Eugene M.
Meier, Edwin H.
Meinert, Richard N.
Mertzweiller, Joseph K.
Mertzweiller, Joseph K., and Owen.
Mikeska, Louis A.
Mikeska, Louis A., and Smith.
Mikeska, Louis A., and Smith, Jr.
Mikeska, Louis A., and Young.
Milligan, Winfred O., and Schiller.
Moise, James E.
Morbeck, Robert C.
Morgan, Bryan E., and Salathiel.
Morgan, Jerome P.
Morrell, Charles E.

Standard Oil Development Company, assignee: *See*—Con.
Morrell, Charles E., Carlson, and Smith.
Morrell, Charles E., Carlson, Nelson, and Stewart.
Morrell, Charles E., and McAteer.
Morrell, Charles E., and Robey.
Morrell, Charles E., Robey, and Robertson.
Morrell, Charles E., Robey, and Welch.
Morrell, Charles E., and Swaney.
Morris, William E., and Howell.
Morrow, Morris R., and Smalling.
Morway, Arnold J., and Kolfenbach.
Morway, Arnold J., Leland, and Duncan.
Morway, Arnold J., and Smith.
Morway, Arnold J., and Young.
Morway, Arnold J., and Zimmer.
Mosesman, Max A.
Mottern, Henry O.
Muly, William, and Heigl.
Munday, John C.
Munday, John C., and Rogers.
Nelson, Joseph F.
Nelson, Joseph F., and Tegge.
Nelson, Karl J.
Nelson, Karl J., and Martin.
Neudeck, Joseph E.
Newberg, Raymond G.
Newberg, Raymond G., Slotterbeck, and Vanderbilt.
Newberg, Raymond G., and Young.
Nicolai, Lloyd A., Nicholson, and Smith.
Nolley, John P., and Cannon.
Odell, William W.
Ogorzaly, Henry J.
Ogorzaly, Henry J., and Martin.
O'Halloran, Rosemary.
Ohsol, Ernest O., Carlson, and Hudson.
Ohsol, Ernest O., and Green.
Owen, Herbert E.
Packie, John W.
Packie, John W., and Rhys.
Palmer, Frederick A.
Palmer, Jewell S.
Parker, Paul T., and Hillard.
Patterson, John A.
Patterson, John A., and Morgan.
Payne, Leonard S.
Perry, Stephen F.
Phillips, Cecil, Jr.
Pierce, Jerry A.
Pierce, Jerry A., and Richardson.
Pitts, William A.
Powers, John M.
Prokop, Charles L.
Ragland, Douglas.
Rehner, John, Jr., and Flory.
Reistle, Carl E., Jr.
Rex, Walter A., and Nelson.
Richards, Harold A., Jr., and Ryder.
Robey, Richard F.
Roetheli, Bruno E.
Rollman, Walter F.
Rose, Harold J., and Vanderbilt.
Rudel, Harry W.
Rudel, Harry W., and Kirshenbaum.
Rudel, Harry W., and Wasson.
Rupp, Walter H.
Russell, Francis R.
Russell, Robert P., and Rupp.
Ryant, Charles J., Jr.
Ryder, James W.
Salathiel, Richard A.
Scharmann, Walter G.
Schiller, James C., Bethea, and Mosesman.
Schneider, Helmuth G., Young, and Rocca.
Schutze, Henry G.
Scott, Clarence B.
Segura, Marnell A.
Segura, Marnell A., McAdams, and Spicer.
Serniuk, George E.
Sewell, Benjamin W.
Shepard, William W.
Shewell, Charles T.
Shire, William A.
Shmidl, Albert J.
Showalter, Jere C.
Skooglund, Arthur C.
Slotterbeck, Ober C., and Young.
Small, Augustus B., and Sellen.
Small, James K.
Smith, Brook I.
Smith, Charles W.
Smith, Lloyd B.
Smith, Paul V., Jr.
Smith, Paul V., Jr., and Carlson.
Smith, Paul V., Jr., and Knoth.
Smith, Paul V., Jr., and Popkin.
Smith, Warren M.
Smith, William M.
Smith, Winthrope C.
Souby, Armand M., and Schiller.
Sparks, William J., Baldwin, and Newberg.
Sparks, William J., and Garber.
Sparks, William J., and Young.
Sparks, William J., Young, and Garber.

Standard Oil Development Company, assignee: *See*—Con.
Sparks, William J., and Hardy.
Spears, Harry E., and Mayer.
Sproule, Lorne W., and Dixon.
Sproule, Lorne W., and King.
Squires, Walter, Jr., and Zahn.
Stearns, Reid F.
Stokes, Samuel G.
Stone, Albert L.
Strickland, Barney R., and Vanderbilt.
Sumerford, Simpson D., and Buchmann.
Swaney, Miller W., and Arundale.
Swaney, Miller W., and Banes.
Swaney, Miller W., and Kittleson.
Swaney, Miller W., and Lippincott.
Swaney, Miller W., Yowell, and McKay.
Sweeney, William J.
Sweetser, Sumner B.
Thomas, Robert M., and Small.
Thompson, William I.
Tracy, Osgood V.
True, Martin E.
Turner, Luther B., and Smith.
Tutwiler, Thomas S., Munday, and Rogers.
Vesterdal, Hans G.
Vickers, Herbert H.
Viles, Prentiss S.
Viles, Prentiss S., and Walsh.
Voorhies, Alexis, Jr.
Voorhies, Alexis, Jr., and Krebs.
Wadley, Edward F.
Wadley, Edward F., and Anderson.
Weikart, John.
Weisel, Charles A., and Cyphers.
Welch, Lester M., and Wilson.
Welty, Albert B., Jr.
Wilkinson, Edwin R., and Richardson.
Willauer, Earl E.
Williams, Philip S.
Wilson, Howard L., Leary, and Nelson.
Wilson, Samuel W.
Winkler, Lewis A.
Worsham, Charles H.
Wrightsman, Gilbert G.
Young, David W.
Young, David W., Garber, and Sparks.
Young, David W., and Morway.
Young, David W., and Smyers.
Yowell, Howard L.
Zimmer, John C., Duncan, and Paxton.
Zoeller, Herman J.

Standard Railway Equipment Manufacturing Company, assignee: *See*—
Nystrom, Karl T.
Swann, James S.
Thompson, Alfred L.
West, Victor E.
Zeidler, Kurt E.

Standard Refrigeration Company, Inc., assignee: *See*—
Goldberg, Herman M.

Standard Register Company, The, assignee: *See*—
Davidson, John T., and Kroemer.
Stimson, Percy G., and Davidson.
Sugarman, Nathan, and Fryman.
Wharton, Richard H.

Standard Steel Corporation, assignee: *See*—
Lewis, William H.

Standard Steel Spring Company, assignee: *See*—
Cupps, Clyde.
Lindsay, Edward C., and Hurley.

Standard Steel Works, assignee: *See*—
Cellwork, William E.

Standard Stoker Company, Incorporated, The, assignee: *See*—
Folkenroth, Earl E., and Avila.
Grissinger, Glen R.
Marsden, Ernest B.
Martin, Eugene, Surdy, and MacKenzie.
Mosher, Fred D.
Turner, Edwin A.

Standard Telephones and Cables Limited, assignee: *See*—
Fremlin, John H.

Standard-Thomson Corporation, assignee: *See*—
Bondurant, Carlton W.
Golob, John E.
Woods, John E.

Standard Ultramarine Company, The, assignee: *See*—
Moser, Frank H.
Sullivan, Frederick W., Jr.

Standen, John H., and L. L. Baumgartner, Yonkers, assignors to The B. F. Goodrich Company, New York, N. Y. Thiophenols as selective herbicides. 2,568,031, Sept. 18.

Standring, Francis O.: *See*—
Richards, George E., and Standring.

Stanfield, Laurence M.: *See*—
Abos, Ralph L., Stanfield, and Myers.

Stanfield, Lysle W., Long Beach, Calif. Pilot guide. 2,556,229, June 12.

Stanford, William T., Salem, Ill. Web winding and unwinding control. 2,555,162, May 29.

Stange, Wm. J., Co., assignee: *See*—
Miller, Walter A.

Stangeland, Ole I.: *See*—
Moir, Robert B., and Stangeland.

Stanin, Theodore E., and J. B. Dickey, assignors to Eastman Kodak Company, Rochester, N. Y. Mixtures comprising polyacrylonitrile and polyvinyl formate. 2,558,793, July 3.
Stanin, Theodore E., and J. B. Dickey, assignors to Eastman Kodak Company, Rochester, N. Y. Acrylonitrile polymer mixed with copolymer of vinyl acetate and isopropenyl acetate. 2,571,777, Oct. 16.
Stanitz, Jacques, Warren, and L. Schlobohm, Cleveland Heights, assignors to Mullins Manufacturing Corporation, Salem, Ohio. Dishwashing machine. 2,543,993, Mar. 6.
Stanko, Lloyd, Toledo, Ohio. Door threshold. 2,579,875, Dec. 25.
Stanley, Alexander J., North Brunswick Township, Middlesex County, and J. S. Nicholls, Jr., Kingston, N. J., assignors to Industrial Tape Corporation. Dispenser. 2,545,500, Mar. 20.
Stanley, Arthur M., Lynn, Mass. Continuously fired oil-burning system. 2,556,047, June 5.
Stanley Aviation Corporation, assignee: *See*—
Replogle, Edward H.
Stanley, Clyde P.: *See*—
Phillips, William L., and Stanley.
Stanley, Evelyn M., executrix: *See*—
Stanley, Gerald A.
Stanley, Frederick C.: *See*—
Batchelor, Clyde S., and Stanley.
Stanley, Gerald A., deceased, Oakleigh, Victoria, Australia; E. M. Stanley, executrix. Apparatus for cleansing drinking vessels and the like. 2,574,069, Nov. 6.
Stanley, Gordon W., Brandon, Manitoba, Canada. Oil ring. 2,554,069, May 22.
Stanley, Herbert M.: *See*—
Faulkner, Donald, Stanley, and Staudinger.
Hall, Reginald H., and Stanley.
Stanley Home Products, Inc., assignee: *See*—
Bagley, John F., Jr.
Petrome, James.
Stanley, John J., Packanack Lake, assignor, by mesne assignments to Steel and Alloy Tank Company, Newark, N. J. Thread cutting and clamping mechanism. 2,565,405, Aug. 21.
Stanley, Lester N.: *See*—
Von Glahn, William H., and Stanley.
Stanley, Mary E., Rockingham, N. C. Ornamental cake platter. 2,552,297, May 8.
Stanley, Nobe D., Sr., and I. M. Richardson, Fayetteville, N. C. Adjustable sign stake. 2,552,745, May 15.
Stanley, Paul H., Glenside, assignor to Autogiro Company of America, Philadelphia, Pa. Adjustment mechanism for helicopter stabilizing surfaces. 2,551,067, May 1.
Stanley, Paul H., Huntingdon Valley, assignor to Autogiro Company of America, Philadelphia, Pa. Deicing system for aircraft sustaining rotor blades. 2,576,487, Nov. 27.
Stanley, Pierce G., Buffalo, N. Y. Apparatus for measuring the size of bags. 2,571,628, Oct. 16.
Stanley, Richard W., Drexel Hill, Pa., assignor to American Viscose Corporation, Wilmington, Del. Apparatus for spinning artificial filaments. 2,538,283, Jan. 16.
Stanley, Richard W., Drexel Hill, Pa., assignor to American Viscose Corporation, Wilmington, Del. Overload release clutch. 2,544,809, Mar. 13.
Stanley, Richard W., Drexel Hill, Pa., assignor to American Viscose Corporation, Wilmington, Del. Thread storage reel. 2,578,905, Dec. 18.
Stanley, Richard W., Lakewood, Ohio, and W. B. Lowe, Chester, Pa., assignors to American Viscose Corporation, Wilmington, Del. Artificial filament spinning machine. 2,542,098, Feb. 20.
Stanley, Richard W., Drexel Hill, and W. B. Lowe, Chester, Pa., assignors to American Viscose Corporation, Wilmington, Del. Method of and apparatus for the liquid treatment of artificial continuous filamentary materials. 2,551,646, May 8.
Stanley, William, Chicago, Ill. Spray gun. 2,540,357, Feb. 6.
Stanley, William E., Montreal, and R. F. Durocher, Verdun, Quebec, Canada. Self-sealing closure member. 2,540,842, Feb. 6.
Stanley, William T., Gates Mills, Ohio. Finishing method and apparatus. 2,561,037, July 17.
Stanley, William T., Indianapolis, Ind. Multiple connector plug. 2,563,561, Aug. 7.
Stanley, William T., Indianapolis, Ind. Multiple replaceable unit fuse. 2,579,623, Dec. 25.
Stanley, William T., Indianapolis, Ind. Replaceable multiple unit fuse plug. 2,579,624, Dec. 25.
Stanley Works, The, assignee: *See*—
Carroll, John D.
Godfrey, James H., and Powers.
Rippon, Harold R.
Robinson, David M.
Stanolind Oil and Gas Company, assignee: *See*—
Briggs, Paul.
Burg, Kenneth E., and Walstrum.
Cloud, Raymond T.
Eisler, Joseph D.
Elkins, Lloyd E.
Grekel, Howard.
Latta, James E.
Michael, Vesta F.
Stanolind Oil and Gas Company, assignee: *See*—Con.
Sharp, Lorld G., and Carmody.
Silverman, Daniel.
Silverman, Daniel, and Stuart.
Steitz, Alfred, Jr.
Steitz, Alfred, Jr., and Barnes.
Vincent, Renic P.
Walker, Scott W., and Eickmeyer.
Stansbury, Inc., assignee: *See*—
Stansbury, John H.
Stansbury, John H., Dillon, S. C., assignor to Stansbury, Inc., Baltimore, Md. Method of and apparatus for freezing foods. 2,550,615, Apr. 24.
Stansbury, Thomas A., Chicago, Ill. Aircraft navigational aid. 2,568,568, Sept. 18.
Stansell, Earl E., assignee: *See*—
Fort, William H.
Stant Manufacturing Company, assignee: *See*—
Friend, Dawson.
Stanton, Austin N., Garland, Tex. Vibration translator. 2,540,796, Feb. 6.
Stanton, Austin N., Garland, Tex. Vertical-vibration pickup. 2,551,857, May 8.
Stanton, Austin N., Garland, Tex. Tuning fork driver. 2,558,991, July 3.
Stanton, Charles H., Detroit, Mich. Plastering machine. 2,555,823, June 5.
Stanton, George W.: *See*—
Irons, Carroll R., and Stanton.
Stanton, George W., Contra Costa County, Calif., and C. E. Lowry, assignors to The Dow Chemical Company, Midland, Mich. Film-forming latex of unplasticized ternary vinylidene chloride copolymer. 2,538,737, Jan. 16.
Stanton, George W., and C. E. Lowry, assignors to The Dow Chemical Company, Midland, Mich. Copolymers of vinylidene chloride and aliphatic epoxides. 2,556,048, June 5.
Stanton, Leonard, Philadelphia, Pa., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Electrical measuring apparatus. 2,565,892, Aug. 28.
Stanton, Leonard, Philadelphia, Pa., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Testing apparatus. 2,576,892, Nov. 27.
Stanton, Leonard, Philadelphia, Pa., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Measuring apparatus. 2,579,277, Dec. 18.
Stanton, Robert, Denver, Colo. Solid-liquid reaction processes. 2,572,887, Oct. 30.
Stanton, Robert E., Denver, Colo. Dual socket wrench with separate actuators. 2,545,391, Mar. 13.
Stanton, Robert J., Brooklyn, and W. C. Rudd, Larchmont, assignors to Induction Heating Corporation, New York, N. Y. Electrode structure and dielectric heating. 2,524,589, Feb. 20.
Stanton, Robert L., Muncy, assignor to Jones & Laughlin Steel Corporation, Pittsburgh, Pa. Weight-graduated wire cable. 2,562,340, July 31.
Stanton, Russell S., Louisville, Ky., assignor, by mesne assignments, to the United States of America as represented by the Secretary of the Navy. High-frequency current transformer. 2,567,744, Sept. 11.
Stanworth, John E., and A. E. Dale, Sheffield, England, assignors to General Electric Company. Glass compositions. 2,570,878, Oct. 9.
Stanwycks, John, Hempstead, N. Y. Combustion gas baffle arrangement for furnace interiors. 2,565,328, Aug. 21.
Stanzel, Victor, Schulenburg, Tex. Single-line control for miniature aircraft. 2,558,109, June 26.
Stanzel, Victor, Schulenburg, Tex. Controlling means for self-propelled miniature aircraft. 2,559,326, July 3.
Stapf, Joseph E., Hamilton, Ohio. Pivoted jaw mop wringer. 2,569,786, Oct. 2.
Staples, Albert B.: *See*—
Goodman, Guy H., and Staples.
Staples, Crawford E., Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Approach control apparatus for railroad block signaling systems. 2,555,013, May 29.
Staples, Crawford E., Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Normally deenergized coded track circuit signaling system. 2,561,956, July 24.
Staples, George E., Brookings, S. Dak. Tape dispenser. 2,540,697, Feb. 6.
Staples, James D., and J. J. McCrory, Alhambra, Calif. assignors to Rolatape Incorporated. Measuring wheel. 2,557,481, June 19.
Staples, Otis E., assignor to The Cleveland Hobbing Machine Company, Euclid, Ohio. Tool checking fixture. 2,539,597, Jan. 30.
Staples, Otis E., assignor to The Cleveland Hobbing Machine Company, Euclid, Ohio. Machine tool. 2,568,667, Sept. 18.
Staples, Richard E., Portland, Oreg. Rotatable automatic broiler-griddle. 2,542,265, Feb. 20.
Stapleton, Glenn D., Fort Wayne, Ind., assignor to General Electric Company. Brush holder assembly. 2,548,631, Apr. 10.

Stapling Machines Co., assignee: *See*—
Kingsley, David G.
Riker, Charles O.
Woodbury, Glen P.
Star, Joseph, New York, N. Y., assignor to Laboratory for Electronics, Inc., Boston, Mass. Delay line. 2,558,012, June 26.
Star Watch Case Company, assignee: *See*—
Schwaibold, Edgar K.
Starbuck, John W., New York, N. Y. Gauge for round hats. 2,556,230, June 12.
Starck, Clemens B.: *See*—
Nadeau, Gale F., and Starck.
Starck, William A., Milwaukee, Wis. Toy construction element. 2,558,591, June 26.
Stargardter, Albert R., Baltimore, Md. Pickling treatment. 2,564,549, Aug. 14.
Stark Ceramics, Inc., assignee: *See*—
Ramsay, William S.
Stark, Frank, and F. Spielman, New York, N. Y. Dental attachment for use in connection with removable bridges. 2,545,316, Mar. 13.
Stark, Henry L. and K. Ead, Brooklyn, N. Y. Playing card holder. 2,564,315, Aug. 14.
Stark, Henry M.: *See*—
Patterson, Gordon D., and Stark.
Stark, Henry M., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Sols. 2,560,707, July 17.
Stark, John L., Cedar Rapids, Iowa. Merchandise order indicator. 2,543,609, Feb. 27.
Stark, John L., Cedar Rapids, Iowa. Dough holding attachment for fishhooks. 2,564,216, Aug. 14.
Stark, Julian H., Fort Wayne, Ind., assignor to General Electric Company. Speed screw. 2,542,722, Feb. 20.
Stark, Julian H., Fort Wayne, and W. E. Tyler, Hoagland, Ind., assignors to General Electric Company. Bearing structure. 2,543,647, Feb. 27.
Stark, Lawrence M., Alexandria, Va. Sound wave diffuser. 2,541,946, Feb. 13.
Stark, Virgil, New York, N. Y. System of fuelless refrigeration and heating for containers. 2,558,794, July 3.
Stark, William N., Kirkland, Wash., assignor to Boeing Airplane Company. Door seal for pressurized aircraft. 2,560,665, July 17.
Starke, Albert C., Jr., Easton, Pa., assignor to General Aniline & Film Corporation, New York, N. Y. Light-sensitive emulsions containing color formers capable of yielding nonmigratory azine dyestuffs. 2,569,906, Oct. 2.
Starkey, Neal E.: *See*—
Berkey, Donald C., and Starkey.
Starkey, Neal E., Schenectady, N. Y., C. B. Lewis, North East, Pa., and M. A. Edwards, Scotia, N. Y., assignors to General Electric Company. Prime mover regulator. 2,558,592, June 26.
Starkey, William C., deceased, Indianapolis, Ind.; Fletcher Trust Company, executor of said W. C. Starkey. Spring type overload release device. 2,541,947, Feb. 13.
Starkey, William C., deceased, Indianapolis, Ind.; Fletcher Trust Company, executor of said W. C. Starkey. Starter type clutch. 2,548,747, Apr. 10.
Starkey, William C., deceased, Indianapolis, Ind.; Fletcher Trust Company, executor of said W. C. Starkey. Spring type clutch. 2,566,539, Sept. 4.
Starks, Winston H., Hardin, Ky. Radio object locating system. 2,557,153, June 19.
Starner, Charles J., Haddonfield, N. J., and T. N. Newman, New York, N. Y., assignors to Radio Corporation of America. Concentric line resonator circuit and means for coupling thereto. 2,540,634, Feb. 6.
Starnes, George F., Hickory, assignor to P. B. Eaton Charlotte, N. C. Check controlled phonograph record playing and selecting mechanism. 2,545,117, Mar. 13.
Starnes, George F., Hickory, assignor to P. B. Eaton, Charlotte, N. C. Check controlled phonograph. 2,574,598, Nov. 13.
Starnes, William C., and J. B. McKinley, assignors to Gulf Research & Development Company, Pittsburgh, Pa. Catalytic process using isopoly and heteropoly acids. 2,554,597, May 29.
Starr, Arthur T., New Barnet, and V. J. Hay, Great Malvern, England. Radio echo system. 2,551,180, May 1.
Starr, John A., Riverdale, N. Y., assignor to M. W. Jenkins Sons, Inc., Cedar Grove, N. J. Apparatus for making brushes. 2,576,545, Nov. 27.
Starr, John A., Riverdale, N. Y., assignor to M. W. Jenkins Sons, Inc., Cedar Grove, N. J. Making brushes. 2,576,546, Nov. 27.
Starr, Merle A.: *See*—
Bryan, James D., and Starr.
Starr, Merle A., Belmont, Mass., assignor, by mesne assignments, to the United States of America as represented by the Secretary of the Navy. Alternating azimuth sweep. 2,562,341, July 31.
Starr, Raymond H., assignee: *See*—
Dillon, Clyde E.
Starr, Winfield J., Philadelphia, Pa. Roller screen. 2,579,159, Dec. 18.
Starrel Company, Inc., assignee: *See*—
Nidetch, Nathan, and Mandel.
Starrfrasmaschinen A. G., assignee: *See*—
Thalmann, Alfred.
Starring & Company, Inc., assignee: *See*—
Gref, William C.
Start, Ernest: *See*—
Start, Harry W. and E.
Start, Harry W., Carlton, and E. Start, Wilford, assignors to William Cotton Limited, Loughborough, Leicestershire, England. Welt turning mechanism for straight bar knitting machines. 2,544,187, Mar. 6.
Starý, Miroslav: *See*—
Piller, Bohumil, Zmatlík, Pinkava, and Starý.
Stasiek, Henry E., Chicago, Ill. Forestry tool. 2,552,652, May 15.
Stastney, Louis: *See*—
Hafer, Giles P., and Stastney.
State Board of Control, assignee: *See*—
Neal, Wayne M.
State College of Washington Research Foundation, assignee: *See*—
Dana, Homer J.
Redlich, Otto, Adams, and Holt.
State of Iowa, for the use and benefit of the State University of Iowa, The, assignee: *See*—
Jones, James W., and Maney.
Statelles, Epiphany O., East Orange, N. J. Cigarette extinguishing device. 2,558,320, June 26.
Staten, James S., Jr., Dayton, Ohio. Portable beauty service unit. 2,553,794, May 22.
States, Charles G., Cedaredge, Colo. Combination receptacle and bin. 2,540,698, Feb. 6.
Statham Laboratories, Inc., assignee: *See*—
Statham, Louis D.
Statham, Louis D., Beverly Hills, assignor to Statham Laboratories, Inc., Los Angeles, Calif. Method and apparatus for testing the bonding of bonded strain gauges. 2,553,986, May 22.
Statham, Louis D., Beverly Hills, Calif., assignor to Curtiss-Wright Corporation. Accelerometer. 2,573,285, Oct. 30.
Statham, Louis D., Beverly Hills, and C. J. Baker, Los Angeles, Calif., assignors to Curtiss-Wright Corporation. Strain gauge measurement instrument. 2,573,286, Oct. 30.
Statkus, Walter, Milwaukee, Wis. Pipe handling apparatus for welding. 22,567,303, Sept. 11.
Stator Company, assignee: *See*—
Weaver, Eastman A.
Whitney, Lyman F.
Whitney, Lyman F. and W. E., and Comstock.
Staub, Hans H.: *See*—
Rossi, Bruno B., and Staub.
Staub, Hans H., Palo Alto, Calif., assignor to the United States of America as represented by the United States Atomic Energy Commission. Sensitivity modulator. 2,548,449, Apr. 10.
Staub, Hans H., Palo Alto, Calif., assignor to the United States of America as represented by the United States Atomic Energy Commission. Pulsing circuit. 2,550,878, May 1.
Staubly, Julian L., Oreland, and W. A. Millsaps, assignors to The Pennsylvania Salt Manufacturing Company, Philadelphia, Pa. Aqueous acid fluoride compositions. 2,558,013, June 26.
Stauch, Roy, Sr., Portland, Oreg. Floor drain and primer. 2,568,521, Sept. 18.
Stauch, Stanley M., Yarbo, Saskatchewan, Canada. Grain combine straw harvester. 2,553,484, May 15.
Staude, Edwin G., Minneapolis, Minn. Unloading valve. 2,539,977, Jan. 30.
Staude, Edwin G., Minneapolis, Minn. Electric power assistor. 2,553,795, May 22.
Staude, Edwin G., assignor of one-half to O. B. Staude, Minneapolis, Minn. Proportional pressure double-acting power amplifier. 2,554,843, May 29.
Staude, Edwin G., Minneapolis, Minn. Double-acting proportional hydraulic pressure power amplifier. 2,579,711, Dec. 25.
Staude, Olive B., assignee: *See*—
Staude, Edwin G.
Staudinger, Hanns P., Ewell, England, assignor to The Distillers Company Limited, Edinburgh, Scotland. Polymerization of styrenes in the presence of alcohol diluents and unsaturated peroxides. 2,543,306, Feb. 27.
Staudinger, Johann J. P.: *See*—
Brighton, Cyril A., and Staudinger.
Faulkner, Donald, Stanley, and Staudinger.
Hutchinson, Henry M., and Staudinger.
Staudinger, Johann J. P., Ewell, and H. M. Hutchinson, Banstead, England, assignors to The Distillers Company Limited, Edinburgh, Scotland. Production of strain-free masses from crossed-linked polymerized methylmethacrylate. 2,539,376, Jan. 23.
Staudinger, Johann J. P., Ewell, and H. M. Hutchinson, Banstead, England, assignors to The Distillers Company Limited, Edinburgh, Scotland. Production of strain-free masses from cross-linked styrene-type polymers. 2,539,377, Jan. 23.
Staudinger, Johann J. P., Ewell, and D. Cleverdon, Bournemouth, England, assignors to The Distillers Company, Limited, Edinburgh, Scotland. Preparing stable emulsions of thermoplastic synthetic polymers. 2,562,440, July 31.
Stauffer, Alfred, Honey Brook, Pa. Potato harvester. 2,537,320, Jan. 9.
Stauffer, Charles C., Durham, N. C. Pry type cap remover. 2,545,678, Mar. 20.

Stauffer Chemical Company, assignee: *See*—
Bauer, William V.
Bender, Harry, and Pitt.
Nason, Richard N., Jr.
Nowicke, Edmund S.
Macdougall, Iver C.
Wilde, Cecil B.

Stauffer, Robert A.: *See*—
Clough, Philip J., Morse, Hellier, and Stauffer.

Stauffer, Robert E.: *See*—
Fallesen, George E., and Stauffer.

Stauffer, Robert E., and W. F. Smith, assignors to Eastman Kodak Company, Rochester, N. Y. Fog inhibitors for photographic emulsions. 2,552,229, May 8.

Stauffer, Robert E., and W. F. Smith, assignors to Eastman Kodak Company, Rochester, N. Y. Fog inhibitors for photographic emulsions. 2,552,230, May 8.

Stauffer, William R., assignor to The Commonwealth Engineering Company of Ohio, Dayton, Ohio. Sponge rubber composition. 2,567,950, Sept. 18.

Staunt, Martin, Chicago, Ill. Dental hammer. 2,548,450, Apr. 10.

Staunt, Martin, Des Plaines, Ill. Golf ball retriever. 2,549,257, Apr. 17.

Stautzenberger, Adin L.: *See*—
MacLean, Alexander F., and Stautzenberger.

Stautzenberger, Adin L., Corpus Christi, and A. F. MacLean, Robstown, Tex., assignors to Celanese Corporation of America. Purification of formaldehyde. 2,537,169, Jan. 9.

Stavely, Homer E., Highland Park, N. J., assignor to E. R. Squibb & Sons, New York, N. Y. $\Delta^{8,9}$-11-keto-steroids, and producing them. 2,545,978, Mar. 20.

Staver, Edward F., Jackson Heights, N. Y. Guard for vacuum tubes. 2,575,601, Nov. 20.

Staver, Leslie D.: *See*—
Boesche, Frank H., Staver, and Griffith.

Stavis, Gus: *See*—
Watts, Chester B., Jr., and Stavis.

Stawsky, Harry, Brooklyn, N. Y. Key case. 2,564,382, Aug. 14.

Stead, Harold J., assignor to Shuron Optical Company, Inc., Geneva, N. Y. Finishing lenses. 2,554,070, May 22.

Stead, Rupert G., Durban, Union of South Africa. Reinforced wall with ring interlock. 2,537,715, Jan. 9.

Steadman, Frank M., Philadelphia, Pa. Tensiometer. 2,563,881, Aug. 14.

Steadman, Thomas R.: *See*—
Gresham, Thomas L., and Steadman.

Steady-Flow Freezer Co., assignee: *See*—
Tacchella, Andrew J.

Steahly, Frank L., and R. W. Stoughton, Oak Ridge, Tenn., and F. W. Schuler, Madison, Wis., assignors to the United States of America as represented by the United States Atomic Energy Commission. Dissolving thorium values. 2,546,933, Mar. 27.

Steahly, George W., Maplewood, assignor to Monsanto Chemical Company, St. Louis, Mo. Purification of tetrachlorophthalic anhydrides. 2,547,504, Apr. 3.

Steahly, George W., Maplewood, assignor to Monsanto Chemical Company, St. Louis, Mo. Purification of chlorophthalic anhydrides. 2,547,505, Apr. 3.

Steahly, George W., Maplewood, assignor to Monsanto Chemical Company, St. Louis, Mo. Hydrolysis of acetylaminonitrothiazole. 2,573,656, Oct. 30.

Steahly, George W., Maplewood, assignor to Monsanto Chemical Company, St. Louis, Mo. Neutralization of the mineral acid salts of aminonitrothiazole. 2,573,657, Oct. 30.

Steans, George L., assignor to The FR Corporation, New York, N. Y. Fine grain photographic developer containing morpholine. 2,550,617, Apr. 24.

Steans, Ria R., New York, N. Y. Butter forming device. 2,572,960, Oct. 30.

Steapleton, Robert C., Attalla, Ala. Cleaner for hand rakes. 2,544,436, Mar. 6.

Stearn, Franklin A., Westfield, N. J., and L. P. Hopkins, assignors to Federal Telephone and Radio Corporation, New York, N. Y. Telephone switchboard with expansible bays and cable racks. 2,561,426, July 24.

Stearn, John T., Brooklyn, N. Y. Treating paper. 2,559,234, July 3.

Stearn, Richard A.: *See*—
Smith, Leathem D., Christianson, Stearn, and Hunt.
Smith, Leathem D., and Stearn.
Smith, Leathem D., Stearn, and Stone.

Stearn, William T., Cumberland, Md., assignor to Celanese Corporation of America. Shipping case. 2,538,924, Jan. 23.

Stearns, Dick E., Shreveport, La. Insulation testing device. 2,558,883, July 3.

Stearns, Edwin I., Jr., Plainfield, N. J., assignor to American Cyanamid Company, New York, N. Y. Method and apparatus for color matching. 2,540,797, Feb. 6.

Stearns, Edwin I., Jr., Plainfield, N. J., assignor to American Cyanamid Company, New York, N. Y. Color predictor for pigments. 2,540,798, Feb. 6.

Stearns, Horace M.: *See*—
Isbister, Eric J., Stearns, and Dean.

Stearns, Horace M., Merrick, N. Y., assignor to The Sperry Corporation. Automatic range gate. 2,543,072, Feb. 27.

Stearns Manufacturing Company, assignee: *See*—
Schutt, Walter G.

Stearns, Reid F., Elizabeth, N. J., assignor to Standard Oil Development Company. Liquid-liquid contacting tower. 2,569,391, Sept. 25.

Stearns-Roger Manufacturing Company, The, assignee: *See*—
Mason, John E., and Eliason.

Stearns, Wesley O., Scotch Plains, N. J. assignor to Wilson-Jones Company, Chicago, Ill. Back gauge for stapling machines. 2,536,779, Jan. 2.

Steatite and Porcelain Products Limited, assignee: *See*—
Woodcock, Jack, and Paridge.

Steatite Research Corporation, assignee: *See*—
Albert-Schoenberg, Ernst

Stebbins, Harry Y., Los Angeles, Calif., assignor to General American Transportation Corporation, Chicago, Ill. Refrigerator system for produce stands. 2,560,309, July 10.

Stebbins, Leo A., Denver, Colo. Self-lowering cabinet. 2,555,254, May 29.

Stebbins, Leo A., Denver, Colo. Pulldown cabinet. 2,579,876, Dec. 25.

Stebelton, Earl W.: *See*—
Stebelton, Lloyd and E. W., and Berington.

Stebelton, Lloyd, Carroll, E. W. Stebelton, Lancaster, and H. P. Berington, Columbus, Ohio. Apparatus for grinding auger bits and similar articles. 2,572,212, Oct. 23.

Stech, Richard: *See*—
Mueller, Raymond W., and Stech.

Stecher, Henry D., Lakewood, Ohio. Cable connector. 2,538,393, Jan. 16.

Stecher, Paul G., and W. R. Jackson, New York, N. Y., assignors to Merck & Co., Inc., Rahway, N. J. Vitamin-enriched farinaceous material. 2,540,302, Feb. 6.

Stechert, Alfred H. W., Anaheim, Calif. Invalid's bed with manual control. 2,564,083, Aug. 14.

Stechmann, Herman H., Davenport, Iowa, assignor of one-half to W. C. Uphoff, Moline, Ill. Readily removable way wiping means. 2,548,848, Apr. 10.

Steckbauer, Joseph W., Manitowoc, Wis. Radiant toaster. 2,546,795, Mar. 27.

Stecker, Glenroy, assignor to Great Lakes Carbon Corporation, Morton Grove, Ill. Acid-treating clay. 2,574,895, Nov. 13.

Steckling, Hugo, Wausau, Wis. Revolving sash and door holder. 2,569,620, Oct. 2.

Steckroth, Herman, Grand Rapids, Mich. Lapping device. 2,541,786, Feb. 13.

Steczynski, Myron E., Chicago, Ill., assignor to Niles-Bement-Pond Company, West Hartford, Conn. Pipe thread gauge. 2,561,759, July 24.

Stedehouder, Piéter L., assignor to Koninklijke Industriele Maatschappij Voorheen Noury & Van Der Lande N. V., Deventer, Netherlands. Chlorination of acetic acid. 2,563,797, Aug. 7.

Stedman, Cecil K., H. J. Price, and R. M. Wisner, Seattle, Wash., assignors to Boeing Airplane Company. Synchronizing circuit for electrical commutators. 2,554,886, May 29.

Stedman, Russell F., assignor to Leonard Refineries, Inc., Alma, Mich. Stabilizing catalytically cracked furnace distillates and compositions therefor. 2,560,633, July 17.

Stedronsky, Victor L., State College, N. Mex., and C. S. Shaw, Leland, Miss., dedicated to the free use of the People in the territory of the United States. Lint cotton cleaner. 2,569,501, Oct. 2.

Steed, Edgar L., Poughkeepsie, N. Y., assignor, by mesne assignments, to Recordgraph Corporation. Indexing control means. 2,560,395, July 10.

Steed, Edgar L., Poughkeepsie, N. Y., assignor, by mesne assignments, to Recordgraph Corporation. Latch operated positive clutch. 2,566,540, Sept. 4.

Steel and Alloy Tank Company, assignee: *See*—
Ashton, Edward H., and Zwanziger.
Ashton, Everett H., and Mallard.
Lake, Francis G.
Kiessling, Edward A., Lake, and Stephensen.
Marcy, Henry T.
Mastriani, Elvin A., and Kulczycki.
Rinne, John, Ashton, Mallard, and Lake.
Stanley, John J.

Steel, Frank R., Wilmette, Ill. Thermometer for fishermen. 2,570,879, Oct. 9.

Steel Heddle Manufacturing Company, assignee: *See*—
Kaufmann, Frank H.
Kaufmann, John J.
Kaufmann, John J., Jr.

Steel Processing Company, assignee: *See*—
Rider, Clarence A.
Urquhart, Norman J.

Steel Products Engineering Company, The, assignee: *See*—
Rausenberger, Larence E.
Sasser, John D.
Sherman, Thomas L.

Steelcraft Boats, Incorporated, assignee: *See*—
Ventura, Gerard V.

Steele, Arthur, Barlaston, England. Apparatus for securing a handle to a cup or other hollow ware articles made of earthenware or china. 2,560,007, July 10.

Steele, Floyd E., Yakima, Wash. Crystal controlled calibrator for self-pulsed radar. 2,560,607, July 17.

Steele, Glen R., Pleasant Ridge, Mich., assignor to Uebelhoer Brothers, Inc., Buffalo, N. Y. Lubrication system. 2,559,134, July 3.
Steele, Howard L., Jr., Bloomfield, N. J., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Magnetron. 2,538,597, Jan. 16.
Steele, James E.: *See*—
Marlow, Harry, and Steele.
Steele, James W., North Kansas City, Mo. Collar support and protector. 2,568,871, Sept. 25.
Steele, Raymond H.: *See*—
Gray, Robert B., and Steele.
Steele, William B., assignee: *See*—
Graves, Lloyd T.
Steele, William C., Seattle, Wash. Cleaning circulating heaters. 2,538,057, Jan. 16.
Steele, William R., Camillus, and R. H. Sawens, Syracuse, N. Y., assignors to Allied Chemical & Dye Corporation. Preparing parchmentized paper dialytic membranes. 2,558,064, June 26.
Steelman, Joseph H.: *See*—
Steelman, Thomas R., and J. H.
Steelman, Thomas R. and J. H., Springfield, Mo. Adjustable chimney top. 2,536,235, Jan. 2.
Steen, Carl A., Getinge, Sweden. Electric steam boiler. 2,568,372, Sept. 18.
Steen, Curtis E.: *See*—
Steen, Wilbur L. and C. E.
Steen-Johnson, Hall, Greensburg, assignor to Elliott Company, Jeannette, Pa. Flyweight mounting for governors. 2,546,911, Mar. 27.
Steen, Wilbur L., Grand Rapids, and C. E. Steen, Shelby, Mich. Stencil holder. 2,563,972, Aug. 14.
Steendahl, Marcus O., Seattle, Wash. Automobile window clothing hanger attachment. 2,542,369, Feb. 20.
Steensen, Bernard, Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Pin retainer. 2,562,649, July 31.
Steeper, Hugh, Limited, assignee: *See*—
Philpott, William J.
Steers, William F., Livingston, assignor to Best Manufacturing Co., Inc., Irvington, N. J. Cathode-ray tube focusing device of the permanent magnet type. 2,568,668, Sept. 18.
Steffan, Joseph J., St. Louis, Mo. Door jamb. 2,538,925, Jan. 23.
Steffen, Albert H.: *See*—
Coleman, Harold M., Steffen, and Hopkins.
Steffens, Carsten C., Syracuse, assignor to Sun Chemical Corporation, New York, N. Y. Viscosimeter. 2,573,505, Oct. 30.
Steffens, Lester R., Pitman, N. J. Roll structure. 2,555,205, May 29.
Steffes, Milton J., Dearborn, assignor to Super Tool Company, Detroit, Mich. Toolholder. 2,577,043, Dec. 4.
Stefl, Eugene P., Cuyahoga Falls, and L. O. Bentz, assignors to The Firestone Tire & Rubber Company, Akron, Ohio. Stabilization of dichlorobutadiene resins. 2,537,639, Jan. 9.
Stegeman, Henry J., Fairfield, assignor to The Locke Steel Chain Company, Bridgeport, Conn. Take-up device. 2,560,310, July 10.
Stegeman, Raymond F. E.: *See*—
Forrest, John W., and Stegeman.
Stegeman, Raymond F. E., Greece, assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Semirimless spectacle. 2,557,321, June 19.
Stegeman, Raymond F. E., Greece, assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Spectacles with adjustable multifocal lenses. 2,574,766, Nov. 13.
Stegeman, Raymond F. E., Greece, assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Spectacle frame with nonmetallic parts on rims. 2,577,380, Dec 4.
Steghart, Fritz L., St. Albans, assignor to Tinsley (Industrial Instruments) Limited, London, England. Method and apparatus for pasteurizing liquids. 2,549,342, Apr. 17.
Stegner, Eugene E.: *See*—
De Veieg, Charles B., and Stegner.
Stehlik, Rudolph F., Antwerp, Belgium, assignor to Automatic Electric Laboratories, Inc., Chicago, Ill. Electric motor. 2,538,216, Jan. 16.
Stehlik, Rudolph F., Antwerp, Belgium, assignor to Automatic Electric Laboratories, Inc., Chicago, Ill. Executive's and secretary's trunk connective intercommunication and signal system. 2,549,719, Apr. 17.
Stehlik, Rudolph F., Antwerp, Belgium, assignor to Automatic Electric Laboratories Inc., Chicago, Ill. Telephone system having repeater insertion on long distance lines. 2,564,084, Aug. 14.
Steibel, James P., assignor, by mesne assignments to S. C. Johnson & Son, Inc., Racine, Wis. Rotary floor polishing machine having horizontally positioned motor. 2,544,862, Mar. 13.
Steibel, James P., assignor, by mesne assignments, to S. C. Johnson & Son, Inc., Racine, Wis. Rotary floor polishing machine having horizontally positioned motor. 2,545,635, Mar. 20.
Steider, Clarence, Bruning, Nebr. Pressure responsive safety switch. 2,552,746, May 15.
Steiding, John B., Midland, Md., assignor to Celanese Corporation of America. Testing device for filamentary materials. 2,537,170, Jan. 9.
Steiding, John B., Midland, and F. F. Sutherland, Cumberland, Md., assignors to Celanese Corporation of America. Fluid treating yarn cakes by radial liquid flow. 2,566,431, Sept. 4.
Steier, Henry P., Lancaster, Pa., assignor to Radio Corporation of America. Cesiated monoscope. 2,540,635, Feb. 6.
Steiger, Norbert, assignor to Hoffmann-La Roche Inc., Nutley, N. J. Pyridine compounds and their production. 2,544,904, Mar. 13.
Steiger, Norbert, assignor to Hoffmann-La Roche Inc., Nutley, N. J. 3-hydroxy-4-oxo-naphthylideneaminobenzamides and preparing same. 2,551,647, May 8.
Steiger, Norbert, assignor to Hoffmann-La Roche Inc., Nutley, N. J. 1,2-napthoquinone condensation products. 2,554,543, May 29.
Steiger, Norbert, assignor to Hoffmann-La Roche Inc., Nutley, N. J. Derivatives of 5-(amino-phenylsulfonamido)-isoxazoles. 2,555,614, June 5.
Steiger, Norbert, Nutley, and O. Keller, Clifton, assignors to Hoffmann-La Roche Inc., Nutley, N. J. 2-tertiary-amino-6-(dialkylaminoalkoxy)-benzothiazoles and their manufacture. 2,578,757, Dec. 18.
Steigerwalt, Oliver I., Erie, Pa., assignor to the United States of America as represented by the Secretary of War. Magnetron modulation circuit. 2,540,764, Feb. 6.
Steigerwalt, Oliver I., Niagara Falls, N. Y., assignor to the United States of America as represented by the Secretary of War. Transmitter output coupling circuit. 2,562,342, July 31.
Stein, Charles, Los Angeles, Calif. Speed warning signal for automobile drivers. 2,543,877, Mar. 6.
Stein, Charles F., assignor to Pratt, Read and Company, Inc., Ivoryton, Conn. Piano action. 2,554,129, May 22.
Stein, Edward H., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Kerf-cutting mining machine. 2,570,400, Oct. 9.
Stein, Frank S., New York, J. E. Binns, Upton, N. Y., C. R. A. Rice, Oak Ridge, Tenn., and S. Bashkin, Madison, Wis., assignors to the United States of America as represented by the United States Atomic Energy Commission. Ion source. 2,563,626, Aug. 7.
Stein, Fred C., Warsaw, Ind. Cuff tacker attachment. 2,548,827, Apr. 10.
Stein, Gerhard M., Sharon, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Three-phase transformer core. 2,558,110, June 26.
Stein, Hall & Company Inc., assignee: *See*—
Moore, Edward E.
Stein, Harold M., and C. M. Sherr, Denver, Colo., said Stein assignor to said Sherr. Sound-actuated lamp indicator for telephones. 2,562,069, July 24.
Stein, Irving M., and A. J. Williams, Jr., Philadelphia, and W. R. Clark, Abington, assignors to Leeds and Northrup Company, Philadelphia, Pa. Multipoint recorder. 2,549,401, Apr. 17.
Stein, Jacob C., Los Angeles, Calif. Pantalet. 2,552,875, May 15.
Stein, Jack, Dayton, Ohio. Heating and ventilating system. 2,572,888, Oct. 30.
Stein, James H., Toms River, N. J. Vertical indicator. 2,548,918, Apr. 17.
Stein, Leo, Chicago, Ill. Luggage frames locked by slidable handle. 2,545,501, Mar. 20.
Stein, Louis, Bronx, N. Y. Steering column. 2,548,244, Apr. 10.
Stein, Peter W., assignor of one-half to A. F. Formato Chicago, Ill. Fishing rod holder. 2,546,280, Mar. 27.
Stein, Philip C., Upper Darby, Pa. Sealing ring. 2,563,971, Aug. 14.
Stein, Richard G., Croton-on-Hudson, N. Y. Sofa bed. 2,570,401, Oct. 9.
Stein, Robert A.: *See*—
Beaman, Bernard, Stein, and Hulman.
Stein, Samuel F., Milton, Pa. Waistband structure. 2,538,631, Jan. 16.
Steinau, Norvin J., assignor to Kirby-Cogeshall-Steinau Co., Milwaukee, Wis. Cash register sign holder. 2,577,044, Dec. 4.
Steinbach, Theodore, Millburn, N. J., assignor, by mesne assignments, to Remington Rand, Inc., Buffalo, N. Y. Hair clipper. 2,572,777, Oct. 23.
Steinbacher, Beryl H., Williamsport, Pa. Arrowhead assembly. 2,568,417, Sept. 18.
Steinberg, Betty, Beverly Hills, Calif. Hairpin dispenser. 2,544,114, Mar. 6.
Steinberg, Eliot, North Arlington, assignor to The Maltine Company, Morris Plains, N. J. Azo compound. 2,580,251, Dec. 25.
Steinberg, George M.: *See*—
Walter, George E., Hornstein, and Steinberg.
Steinberg, Gregory, Bayside, N. Y. Atomizer. 2,572,213, Oct. 23.
Steinberg, Heinrich, Los Angeles, Calif. Paper tacking machine. 2,574,421, Nov. 6.
Steinberg, John C., Short Hills, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Variable delay speech privacy system. 2,539,556, Jan. 30.
Steinberger, Jack: *See*—
Riblet, Henry J., and Steinberger.
Steinberger, Raymond L.: *See*—
Odenweller, Keith H., and Steinberger.

Steinbock, Edmund A., Jr., Louisville, Ky. Electric resistance furnace. 2,561,640, July 24.
Steinbrecher, Howard P., Cincinnati, Ohio. Block material handling machine. 2,574,131, Nov. 6.
Steinbrecker, Freddy: *See*—
Eserkaln, Theodore F., Steinbrecker, and Arndt.
Steinemann, Willy, assignor to Sandoz Limited, Basel, Switzerland. Monoazo dyestuffs. 2,543,610. Feb 27
Steiner, Albert M., and M. Unger, Cincinnati, Ohio, assignors to A. M. Steiner. Bubble forming and propelling device. 2,553,388, May 15.
Steiner, Florence G., administratrix: *See*—
Steiner, Joseph.
Steiner, Frank G., Miami Beach, Fla., and R. G. Birr, Lombard, Ill., assignors, by mesne assignments, to American Linen Supply Co., Carson City, Nev. Holder for dispensing material in roll form. 2,553,389, May 15.
Steiner, George, New Haven, Mich. Boiler unit. 2,538,169, Jan. 16.
Steiner, Herbert: *See*—
Boyd-Barrett, Herbert S., Holker, and Steiner.
Gray, Vincent R., and Steiner.
Steiner, Herman: *See*—
Rettinger, Michael, and Steiner.
Steiner, John, assignor to The Kelling Nut Co., Chicago, Ill. Preparing nuts for blanching. 2,579,245, Dec. 18.
Steiner, Joseph, deceased, Toronto, Ontario, Canada, by F. G. Steiner, administratrix, Toronto, Ontario, Canada. Fur stretching and fastener applying implement. 2,538,394, Jan. 16.
Steiner, Leo, West Orange, N. J. Self-clamping buckle. 2,554,686, May 29.
Steiner, Leonard E., Westfield, N. J. Electrical heating device. 2,549,944, Apr. 24.
Steiner, Oscar, Irondequoit, asignor to Graflex, Inc., Rochester, N. Y. Marking apparatus for film identifications. 2,564,453, Aug. 14.
Steiner, Oscar, assignor to Graflex, Inc., Rochester, N. Y. Collapsible view finder for photographic cameras. 2,575,197, Nov. 13.
Steiner, Richard, New York, N. Y. Hair drier combined with comb. 2,576,368, Nov. 27.
Steiner, Waldo A.: *See*—
Weller, Sol W., and Steiner.
Steiner, William W., Berkeley, Calif. Supervisory circuit. 2,554,800, May 29.
Steinert, Margaret E., Seattle, Wash. Diaper cover. 2,544,620, Mar. 6.
Steinhage, Gerhard: *See*—
Steinhage, Heinrich and G., and Wetzels.
Steinhage, Heinrich and G., Ashausen, Kreis Harburg, Germany, and H. J. Wetzels, Kerkrade, Netherlands, assignors to Living Stone Establishment, Vaduz, Liechtenstein. Building block. 2,550,945, May 1.
Steinhelper, Louise F., executrix: *See*—
Fisher, Gertrude F.
Steinhoff, Ernest F., assignor, by mesne assignments to Burgess Battery Company, Freeport, Ill. Making battery connections. 2,539,873, Jan. 30.
Steingruber, George, Atlanta, Ga. Anchor for tapes, bands, cables, and the like. 2,560,396, July 10.
Steinkoenig, Charles A., Cincinnati, Ohio. Dividend figuring slide rule. 2,572,531, Oct. 23.
Steinle, Edward M., Chicago, assignor to Illinois Glove Company, Champaign, Ill. Making improved hand coverings. 2,577,284, Dec. 4.
Steinman, Leon B., Brooklyn, N. Y. Molding bolt for running boards and the like. 2,557,773, June 19.
Steinman, Robert, Los Angeles, Calif., assignor to Owens-Corning Fiberglas Corporation. Coated glass fibers and making same. 2,552,910, May 15.
Steinman, Robert, Los Angeles, Calif., assignor to Owens-Corning Fiberglas Corporation. Coated glass fibers and producing same. 2,563,289, Aug. 7.
Steinman, Robert, Newark, Ohio, assignor to Owens-Corning Fiberglas Corporation. Fibrous glass product and making the same. 2,563,288, Aug. 7.
Steinmayer, Alwin G., Milwaukee, Wis., assignor to McGraw Electric Company. Aerial cable cutout. 2,536,778, Jan. 2.
Steinmayer, Alwin G., assignor to McGraw Electric Co., Milwaukee, Wis. Load break device. 2,548,129, Apr. 10.
Steinmayer, Alwin G., Milwaukee, Wis., assignor to McGraw Electric Company. Adjustable insulator bracket. 2,571,495, Oct. 16.
Steinmayer, Alwin G., Milwaukee, and E. A. Link, South Milwaukee, Wis., assignors to McGraw Electric Company. Method and apparatus for impregnating electrical instrumentalities. 2,578,024, Dec. 11.
Steinmetz, Walter C., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Parallel roll adjustment mechanism. 2,558,321, June 26.
Steinmueller, Ralph E.: *See*—
Dietert, Harry W., Schuch, and Steinmueller.
Dietert, Harry W., Steinmueller, and King.
Steinschlaeger, Michael, London, England. Manufacture of carbureted water gas and like gases. 2,544,188, Mar. 6.
Steitz, Alfred, Jr., assignor to Stanolind Oil and Gas Company, Tulsa, Okla. Separation of amyl alcohols from ketones by distillation. 2,552,911, May 15.
Steitz, Alfred, Jr., and D. K. Barnes, assignors to Stanolind Oil and Gas Company, Tulsa, Okla. Separation of mixtures of 1-butanol and methyl n-butyl ketone. 2,568,522, Sept. 18.
Stejskal, František, near Litomerice, assignor to Sana, Narodni Podnik, Prague, Czechoslovakia. Improving drying and semidrying oils. 2,553,429, May 15.
Stekol, Jakob A., Toledo, Ohio, assignor to International Minerals and Chemical Corporation. Nutrient compositions. 2,542,723, Feb. 20.
Stellar Manufacturing Company, assignee: *See*—
Miller, Hercheal W.
Stellin, Domnic V., Chicago, Ill. Lock washer. 2,559,833, July 10.
Stellin, Domnic V., Detroit, Mich. Socket head screw. 2,556,155, June 5.
Stellinger, Mogens F., assignor to The Cromma Company, Copenhagen, Denmark. Self-adjusting wrench for nuts or like polygonal objects. 2,570,991, Oct. 9.
Stelmack, Frank M., Dunkirk, N. Y. Garage equipment. 2,539,707, Jan. 30.
Stelter, Francis C. W., New York, N. Y. Timing device. 2,544,621, Mar. 6.
Stelz, Frank F., Lakewood, N. J., assignor of one-half to M. Hixon, New York, N. Y. Speech correction device. 2,549,398, Apr. 17.
Stelzel, Roderick W., Hohokus, assignor to Bendix Aviation Corporation, Teterboro, N. J. Combined engine mount and ignition wiring manifold. 2,543,135, Feb. 27.
Stelzel, Roderick W., Hohokus, assignor to Bendix Aviation Corporation, Teterboro, N. J. Starter jaw actuating mechanism. 2,572,532, Oct. 23.
Stelzer, William, Summit, assignor to Empire Electric Brake Company, Newark, N. J. Hydraulic brake control device. 2,571,963, Oct. 16.
Stemp, Frank R., New York, N. Y. Grapefruit cutting implement. 2,575,848, Nov. 20.
Stempel, Edward H., York, Pa., and S. Rasmussen, assignors to American Gas Machine Company, Albert Lea, Minn. Pressure gasoline sportsman's stove. 2,538,538, Jan. 16.
Stengel, Leonard A., assignor to Commercial Solvents Corporation, Terre Haute, Ind. Process and apparatus for carrying out exothermic reactions. 2,538,738, Jan. 16.
Stengel, Leonard A., assignor to Commercial Solvents Corporation, Terre Haute, Ind. Separating nitric acid from a mixture containing nitric acid and hydrogen chloride. 2,555,278, May 29.
Stengel, Leonard A., assignor to Commercial Solvents Corporation, Terre Haute, Ind. Producing ammonium nitrate. 2,568,901, Sept. 25.
Stengel, Leonard A., and R. S. Egly, assignors to Commercial Solvents Corporation, Terre Haute, Ind. Contact tower reactor for vapor phase nitration. 2,575,855, Nov. 20.
Stenger, Richard C., assignor to Sutherland Paper Company, Kalamazoo, Mich. Telescoping box or carton having interlocking wall elements. 2,565,053, Aug. 21.
Stenger, Vernon A., assignor to The Dow Chemical Company, Midland, Mich. Treatment of caustic soda cell liquor. 2,575,238, Nov. 13.
Stenning, Luis C., Ealing, assignor to The General Electric Company, Limited, London, England. Radio beacon for aircraft. 2,570,880, Oct. 9.
Stennitt, Thomas, Lansdowne, Ontario, Canada. Power-operated self-anchoring tree-cutting tool. 2,554,220, May 22.
Stennitt, Thomas, Lansdowne, Ontario, Canada. Power-operable wood-splitting machine. 2,565,406, Aug. 21.
Stent, Thomas F., Coventry, England, assignor to General Electric Company. Vacuum cleaner attachment coupling and belt lifter. 2,548,632, Apr. 10.
Stenzel, Margaret, executrix: *See*—
Stenzel, Roy A.
Stenzel, Roy A., deceased, Cambridge, Ill.: M. Stenzel, executrix, assignor to Patents and Development, Inc., Raleigh, N. C. Windrow turner. Re. 23,411, Sept. 11.
Stenzl, Hans, assignor to J. R. Geigy A. G., Basel, Switzerland. Derivatives of 3:5-dioxo-pyrazolidine and their manufacture. 2,562,830, July 31.
Stepacoff, David I.: *See*—
Smith, Peter C., and Stepacoff.
Stepanoff, Alexey J., Phillipsburg, N. J., assignor to Ingersoll-Rand Company, New York, N. Y. Controlling device for pumps. 2,539,339, Jan. 23.
Stephan, Bernard, assignee: *See*—
St. Peter, Gayton F.
Stephan, Charles M., Lancaster, Pa. Belt positioner. 2,554,964, May 29.
Stephan, Elroy R., assignor to Downing Box Company, Milwaukee, Wis. Container. 2,548,130, Apr. 10.
Stephan, Fritz, Minneapolis, assignor to H. G. Benz, deceased, Shakopee, Minn.; G. W. Benz, executor. Pump. 2,577,285, Dec. 4.
Stephan, Raymond J., Hayward, Calif. Flying toy. 2,548,748, Apr. 10.
Stephano Brothers, assignee: *See*—
Stephano, Constantine S.
Stephano, Constantine S., Meadowbrook, assignor to Stephano Brothers, Philadelphia, Pa. Feed drive for packaging machines. 2,550,616, Apr. 24.

Stephanoff, Nicholas N., Cynwyd, assignor to C. H. Wheeler Manufacturing Company, Philadelphia, Pa. Dust collector. 2,568,032, Sept. 18.
Stephanoff, Nicholas N., Philadelphia, Pa., assignor, by mesne assignments, to C. H. Wheeler Manufacturing Company. Treating fuel. 2,550,390, Apr. 24.
Stephany, Albert R., Newport, Ky. Silent valve with pressure regulator. 2,564,286, Aug. 14.
Stephany, Albert R., Newport, Ky. Restrictor. 2,564,287, Aug. 14.
Stephens-Adamson Mfg. Co., assignee: *See*—
Johns, Henry S. and W. H., and Sinden.
Kendall, Myron A.
Moore, Chester C.
Sinden, Alfred D.
Stephens, Arthur J., Roswell, N. Mex. Bird animal figure toy. 2,558,795, July 3.
Stephens, Bernard J., Milwaukee, and N. O. Lewis, Wauwatosa, Wis., assignors to Hiram Walker & Sons Inc,. Peoria, Ill. Display device. 2,539,935, Jan. 30.
Stephens, Dewey: *See*—
Lee, William F., and Stephens.
Stephens, Dishman K., Kansas City, Kans., assignor to Panhandle Eastern Pipe Line Company, Kansas City, Mo. Fluid medium propelled and rotated apparatus for cleaning the inside of pipes. 2,576,197, Nov. 27.
Stephens, Foster M., and A. Bartels, assignors to The Fluor Corporation, Ltd., Los Angeles, Calif. Muffler with plural perforated passages. 2,544,284, Mar. 6.
Stephens, Marion F., Sullivan, Ind., assignor to The Guidoscope Corporation, Chicago, Ill. Pin guide and securing means for surgical nail and pin directing apparatus. 2,536,963, Jan. 2.
Stephens, Marion F., Sullivan, Ind., assignor to The Guidoscope Corporation, Chicago, Ill. Surgical or fracture nail. 2,536,964, Jan. 2.
Stephens, Peter J., Detroit, Mich. Boat loading and unloading device. 2,572,778, Oct. 23.
Stephens, Priscilla M., Denver, Colo. Dress shield. 2,556,231, June 12.
Stephens, Robert J., assignor to Marathon Coal Bit Company, Inc., Montgomery, W. Va. Reversible bit and holder therefor. 2,575,239, Nov. 13.
Stephens, William T., Painesville, assignor, by mesne assignments, to Hydraulic Equipment Company, Cleveland, Ohio. Manually operated reciprocating pump. 2,547,055, Apr. 3.
Stephense, Frederik: *See*—
Kiessling, Edward A., Lake, and Stephensen.
Stephenson Corporation, assignee: *See*—
Goodner, Monroe H.
Stephenson, Edward, Carrier Mills, Ill. Coal digger. 2,564,038, Aug. 14.
Stephenson, Geoffrey H., London, assignor to Electric & Musical Industries Limited, Hayes, England. Electrical analogue device. 2,567,532, Sept. 11.
Stephenson, Hugh M., Fort Wayne, Ind., assignor to General Electric Company. Dynamoelectric machine. 2,548,633, Apr. 10.
Stephenson, Hugh M., and W. M. Rowan, Fort Wayne, Ind., assignors to General Electric Company. Magnetically actuated roller clutch. 2,554,221, May 22.
Stephenson, Isaac L., Darrouzett, Tex. Grain separating drum. 2,577,488, Dec. 4.
Stephenson, J. O., assignee: *See*—
Schnoebelen, Earl L.
Stephenson, James E., Gates, assignor to General Railway Signal Company, Rochester, N. Y. Switch machine for railroads. 2,559,477, July 3.
Stephenson, Orley R., Oakland, Calif. Vacuum hydraulic suspension system. 2,551,347, May 1.
Stephenson, Paul A., Evanston, assignor to A. B. Dick Company, Chicago, Ill. Oscillating roll drive. 2,555,206, May 29.
Stephenson, Paul A., Evanston, assignor to A. B. Dick Company, Chicago, Ill. Clamp means for duplicator cylinders. 2,569,738, Oct. 2.
Stephenson, Raymond W., Pendleton, assignor to Kirby Chemical Company, Inc., Severn, N. C. Making tall oil. 2,561,150, July 17.
Stephenson, Robert M., and W. F. Dozier, Oakland, and R. K. McCoy, Berkeley, Calif., said Dozier and said McCoy assignors to said Stephenson. Antisurge mechanism for fluid spray apparatus. 2,578,102, Dec. 11.
Stephenson, Thomas W.: *See*—
Holland, Robert H., and Stephenson.
Stephenson, Verne, assignee: *See*—
Teegarden, Otto V.
Stephenson, William A., Bordesley Green, Birmingham, assignor to Birmingham and Blackburn Construction Company, Limited, Birmingham, England. Heating or drying stove or cabinet. 2,536,581, Jan. 2.
Stepp, Jamie W., assignee: *See*—
Carter, James D.
Steppan, Erwin T., Outremont, Quebec, Canada. Heating means for steering wheels. 2,537,606, Jan. 9.
Steptoe, Thomas I.: *See*—
Hicks, Harry J., and Steptoe.
Sterenberg, Charles J.: *See*—
Brown, Morris E., Wickham, Sterenberg, and Johnston.
Stereocraft Engineering Co., assignee: *See*—
Kurz, Karl F.
Smith, Gordon N.
Sterileair Corporation of America, assignee: *See*—
Merrick, Layton T.
Sterland, Ernest G., Cambridge, assignor to The English Electric Company Limited, London, England. Elastic fluid turbine. 2,573,621, Oct. 30.
Sterler, Clarence, Ashton, Iowa. Discharge control for corn picker elevators. 2,563,432, Aug. 7.
Sterling Drug Inc., assignee: *See*—
Archer, Sydney.
Boegly, William J., Bennett, Morrison, and Powell.
Clinton, Raymond O.
Ewing, Galen W.
Hoskins, Everett L.
Kwartler, Charles E., and Lucas.
Lawson, Elmer J., Cavallito, and Mooradian.
Lucas, Philip, Clarke, and Mooradian.
Mooradian, Aram, Lawson, and Suter.
Petke, Frederick E.
Ruddy, Arlo W.
Servis, Richard J., Carroll, and Tullar.
Surrey, Alexander R.
Surrey, Alexander R., and Cutler.
Tainter, Maurice L., and Hinkel.
Tullar, Benjamin F.
Tullar, Benjamin F., and Hoppe.
Sterling Electric Motors, Inc., assignee: *See*—
Mendenhall, Earl.
Sterling Electronic Door Control Corporation, assignee: *See*—
McNinch, James N., and Myers.
Sterling, John L.: *See*—
Pentecost, Arthur, and Sterling.
Sterling Manufacturing Company, The, assignee: *See*—
Mayhew, Elton C.
Mayhew, Elton C., and Round.
Sterling Molders, Inc., assignee: *See*—
Youngblood, Robert N., and Errick.
Youngblood, Robert N., and Kluge.
Sterlingworth Company, assignee: *See*—
Godshalk, James B.
Godshalk, Clarence A., and Medlar.
Medlar, Lewis A.
Shuler, Clyde, Godfrey, and Medlar.
Stern, Arthur M.: *See*—
Dulken, Charles F., Stern, Westwater, and Reuter.
Stern, Charles, Jersey City, N. J. Rail and wheel lubricator. 2,555,615, June 5.
Stern, Emery I., Jackson Heights, N. Y. Television with scent effects. 2,540,144, Feb. 6.
Stern, Emery I., Jackson Heights, N. Y. Electromechanical scent distribution to accompany a motion picture. 2,562,959, Aug. 7.
Stern, Emery I., Jackson Heights, N. Y. Light-electronic scent release. 2,562,960, Aug. 7.
Stern, George, assignor to American Electro Metal Corporation, Yonkers, N. Y. Producing a ferrous metal article infiltrated with a cuprous infiltrant. 2,566,752, Sept. 4.
Stern, George, assignor to American Electro Metal Corporation, Yonkers, N. Y. Producing aluminum coated metal articles. 2,573,229, Oct. 30.
Stern, Maurice, New York, N. Y., assignor to Mecres, S. A., Panama, Panama. Conveyer apparatus for serving of meals. 2,548,131, Apr. 10.
Stern, Morris, Indiana, Pa. Combination beverage display and refrigerating unit. 2,555,425, June 5.
Stern, Sam, and A. Teichner, Chicago, Ill. Garment marking device. 2,543,611, Feb. 27.
Stern, William, Park Ridge, assignor to Illinois Tool Works, Chicago, Ill. Shank slotter. 2,540,058, Jan. 30.
Sternad, Frank S., Cuyahoga Falls, and A. G. Seifried, Akron, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y. Apparatus for cutting material. 2,544,241, Mar. 6.
Sternbach, Victor E., Bronx, N. Y. Dough shaping, treating, and filling device. 2,577,925, Dec. 11.
Sterner, Bernard, London, assignor to G. Michaelis, Middlesex, England. Producing carpetlike fabric. 2,553,017, May 15.
Sterner, John F., Philadelphia, Pa., assignor to Radio Corporation of America. Public address system. 2,556,889, June 12.
Sterrett, Vance C., Logansport, Ind. Piston construction. 2,574,299, Nov. 6.
Stertzbach, Harry W., assignor to The Buckeye Steel Castings Company, Columbus, Ohio. Railway truck bolster. 2,552,019, May 8.
Stettner, Joseph, Chicago, Ill. Container device. 2,542,724, Feb. 20.
Steuck, William F., Primghar, Iowa. Cleaning device for dual steering wheels of tractors. 2,565,276, Aug. 21.
Steven, George, Kenmore, and R. R. Fruehauf, Orchard Park, N. Y., assignors to Worthington Pump and Machinery Corporation, Harrison, N. J. Temperature controlled air throttling apparatus and controlling supply of air to internal-combustion engines. 2,558,884, July 3.
Steven, Jewel, Elmhurst, and E. J. Fitzgerald, New York, N. Y. Lipstick holder and applicator. 2,554,965, May 29.
Steven, Ray L., Los Angeles, Calif. Tire pressure indicator. 2,552,068, May 8.
Steven, Ray L., Los Angeles, Calif. Heater for canned food containers. 2,553,878, May 22.

Steven, Ray L., Los Angeles, Calif. Tire pressure indicator. 2,575,849, Nov. 20.
Stevens, Ada E.: *See*—
Stevens, Allan G. and A. E.
Stevens, Adolph K., Buffalo, N. Y. Antiskid device. 2,560,198, July 10.
Stevens, Allan G. and A. E., East Barnet, England. Quantity selecting machine for segregating dry granular material. 2,548,245, Apr. 10.
Stevens, Austin E., Fall River, Mass. Circuit closure for textile machines, etc. 2,580,136, Dec. 25.
Stevens, Charles E., Jr., Garden City, assignor to Fairchild Engine and Airplane Corporation, Farmingdale, N. Y. Bimetallic piston. 2,550,879, May 1.
Stevens, Clarence A., Wichita, Kans. Crop pickup and feeding implement. 2,578,609, Dec. 11.
Stevens, Clifford E., Glen Ridge, assignor to Stevens Products Inc., East Orange, N. J. Loud-speaker diaphragm. 2,549,138, Apr. 17.
Stevens, Clifford E., Glen Ridge, assignor to Stevens Products Inc., East Orange, N. J. Cone diaphragm for loud-speakers. 2,549,139, Apr. 17.
Stevens, Clifton C., Wells, Maine, and W. F. Sanders, assignors to Mountain Brake and Engineering Corporation, Tacoma, Wash. Hydraulic brake. 2,548,919, Apr. 17.
Stevens, Clinton E., Philadelphia, Pa. Apparatus with reflector and illuminating means for viewing furnace interiors. 2,571,964, Oct. 16.
Stevens, Couvaris J., Bayside, N. Y. Hammer. 2,576,243, Nov. 27.
Stevens, Donald R., Wilkinsburg, and R. S. Spindt, Gibsonia, assignors to Gulf Research & Development Company, Pittsburgh, Pa. Production of thiophosphites. 2,542,370, Feb. 20.
Stevens, Donald R., Wilkinsburg, and R. S. Bowman, assignors to Gulf Research & Development Company, Pittsburgh, Pa. Producing 4-tertiary-butyl-3-methylphenol. 2,560,666, July 17.
Stevens, Donald R., Wilkinsburg, and A. C. Dubbs, Springdale, assignors to Gulf Research & Development Company, Pittsburgh, Pa. Antioxidants for oils and oil compositions containing the same. 2,570,402, Oct. 9.
Stevens, Donald R., Wilkinsburg, and S. C. Camp, Richland Township, Allegheny County, assignors to Gulf Research & Development Company, Pittsburgh, Pa. Stabilization of phenol alkylates by amines. 2,570,403, Oct. 9.
Stevens, Edward W., Detroit, Mich., assignor to Chicago Pneumatic Tool Company, New York, N. Y. Spring retainer for balancers. 2,559,264, July 3.
Stevens, Elbert M.: *See*—
Blumberg, Hamilton G., and Stevens.
Stevens, Floyd, Grand Rapids, Mich., assignor to International Salt Company, Incorporated, Scranton, Pa. Salt spreading apparatus for attaching to road vehicles. 2,557,704, June 19.
Stevens, Frank J. Nutley, N. J. Centerless grinding device. 2,547,290, Apr. 3.
Stevens, Frederic B., Inc., assignee: *See*—
Hannon, Albert H.
Knapp, Walter I.
Stevens, George, Campbell, assignor to P. Parthemos, Youngstown, Ohio. Crankcase cleaner. 2,554,389, May 22.
Stevens, George M., Marcella, Ark. Cross bow. 2,554,966, May 29.
Stevens, Henry W., Gulfport, Miss. Automatic gate. 2,537,486, Jan. 9.
Stevens Institute of Technology, Trustees of The, assignee: *See*—
Klein, Robert L.
Stevens, J. P., & Co. Inc., assignee: *See*—
Littlejohn, Henry E.
Runton, Leslie A.
Winslow, Albert E.
Stevens, Jesse W., Upland, D. E. Pritchett, and W. E. Baier, Ontario, assignors to California Fruit Growers Exchange, Los Angeles, Calif. Drying fruit juices. 2,567,038, Sept. 4.
Stevens, Joe O.: *See*—
Melvin, Francis F., and Stevens.
Stevens, John A., Tamworth, New South Wales, Australia. Mulch handling device for use with agricultural implements having earth-working elements. 2,571,496, Oct. 16.
Stevens, Joseph R.: *See*—
Gardner, John H., and Stevens.
Stevens, Justus B.: *See*—
Bottomley, Frank, and Stevens.
Stevens, L. Belden, assignee: *See*—
Ruby, Forest R.
Stevens, Langley B., Wilmington, Del., assignor to The Pure Oil Company, Chicago, Ill. Continuous grease manufacture. 2,542,159, Feb. 20.
Stevens Manufacturing Company, The, assignee: *See*—
Bletz, Edward.
Stevens, Nichols, Chicago, Ill. Toggle head bolt for hole sealing devices. 2,540,145, Feb. 6.
Stevens, Oliver M., St. Louis, Mo. Ladder for railway car. 2,580,326, Dec. 25.
Stevens Products Inc., assignee: *See*—
Stevens, Clifford E.
Stevens, Quinn O., Oklahoma City, Okla. Slush pump. 2,550,171, Apr. 24.
Stevens, Raymond E., Delavan, Wis. Portable sanitary water dispenser for athletic teams, with means for storing new and used cups. 2,570,283, Oct. 9.
Stevens, Raymond K. P., Farnham, and M. Cox, Cove, Farnborough, assignors to Power Jets (Research and Development) Limited, London, England. Regenerative heat exchanger. 2,579,211, Dec. 18.
Stevens, Raymond K. P., Farnham, and M. Cox, Cove, Farnborough, assignors to Power Jets (Research and Development) Limited, London, England. Heat exchanger. 2,579,212, Dec. 18.
Stevens, Robert A., Asheville, N. C. Hat identification holder. 2,577,717, Dec. 4.
Stevens, Robert B., Greenwich, N. Y. Container for paper napkins. 2,547,892, Apr. 3.
Stevens, Robert W., Montreal, assignor to Dominion Engineering Works Limited, Lachine, Quebec, Canada. Gyratory crusher. 2,553,987, May 22.
Stevens, Robert W., Montreal, assignor to Dominion Engineering Works Limited, Lachine, Quebec, Canada. Gyratory crusher. 2,553,988, May 22.
Stevens, Robert W., Montreal, and D. J. Mackey, Ville LaSalle, assignors to Dominion Engineering Works Limited, Lachine, Quebec, Canada. Gyratory crusher. 2,555,064, May 29.
Stevens, Roy R., Forest Hills, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Control apparatus. 2,540,765, Feb. 6.
Stevens, Roy R., Forest Hills, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Control apparatus. 2,545,532, Mar. 20.
Stevens, Roy R., Forest Hills, Pa., assignor to Westinghouse Air Brake Company. Fluid pressure control mechanism. 2,575,982, Nov. 20.
Stevens, Roy R., Forest Hills, Pa., assignor to Westinghouse Air Brake Company. Fluid pressure control apparatus for engines. 2,575,983, Nov. 20.
Stevens, Roy R., Forest Hills, Pa., assignor to Westinghouse Air Brake Company. Clutch and speed control apparatus. 2,580,367, Dec. 25.
Stevens, Roy R., Forest Hills, Pa., assignor to Westinghouse Air Brake Company. Engine control apparatus for starting, stopping, running, and reversing. 2,580,369, Dec. 25.
Stevens, Roy R., Forest Hills, and R. C. Brooks, Patton Heights, assignors to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake control apparatus. 2,558,885, July 3.
Stevens, Roy R., Forest Hills, and R. C. Brooks, Turtle Creek, Pa., assignors to Westinghouse Air Brake Company. Fluid pressure remote-control apparatus. 2,580,368, Dec. 25.
Stevens, Sydney A., and H. Duckitt, King's Cross, assignors to Westinghouse Brake and Signal Company Limited, London, England. Suppression of voltage surges tending to arise due to the switching of transformers. 2,550,946, May 1.
Stevens, Vernum C., West Point, N. Y. Printing and enlarging pictures in color. 2,543,073, Feb. 27.
Stevenson, Allan B.: *See*—
Callender, Albert, and Stevenson.
Stevenson, Edward E., Whittier, Calif. Game scoring device. 2,537,430, Jan. 9.
Stevenson, George M., Baltimore, Md. Detector mechanism for capping machines. 2,579,404, Dec. 18.
Stevenson, Gustie, Philadelphia, Pa., assignor to F. J. Stokes Machine Company. Doctor blade pressure control system and method. 2,566,811, Sept. 4.
Stevenson, Halsey B.: *See*—
Smith, Albert F., and Stevenson.
Stevenson, James K., Columbus, Ohio, assignor, by mesne assignments, to Niagara Alkali Company, New York, N. Y. Alkoxychlorobenzenes as plasticizers for elastomers. 2,578,853, Dec. 18.
Stevenson, Lawrence J.: *See*—
Chapman, Joseph D., and Stevenson.
Fishbein, Meyer, and Stevenson.
Stevenson, Merlin R., Craig, Colo. Coal mining machine. 2,572,403, Oct. 23.
Stevenson, Robert, Barrington, R. I., assignor to Merit Engineering, Inc. Unloading valve. 2,545,712, Mar. 20.
Stevenson, Robert, Barrington, R. I., assignor to Merit Engineering, Inc. Hydraulic fuse. 2,554,390, May 22.
Stevenson, Robert, Barrington, R. I., assignor to Merit Engineering, Inc. Hydraulic transmitter. 2,575,319, Nov. 13.
Stevenson, Robert L., Overland Park, Kans. Cover latch for automobile baggage compartments. 2,537,799, Jan. 9.
Stevenson, Samuel J., and T. H. Klusman, Rio Vista, and H. S. Fisher, Walnut Grove, Calif., assignors to International Harvester Company. Load anticipator for balers. 2,562,585, July 31.
Stevenson, Samuel J., and T. H. Klusman, Rio Vista, and H. S. Fisher, Walnut Grove, Calif., assignors to International Harvester Company. Load anticipator for engines. 2,562,586, July 31.
Stevenson, Teresa, Summit, N. J. Piston ring. 2,560,667, July 17.
Stevenson, Teresa, Summit, N. J. Piston ring. 2,560,668, July 17.
Stevenson, Wade, assignee: *See*—
Clark, Frederick G.

Stevenson, Wilbur W., Pittsburgh, Pa. Fluid meter. 2,574,198, Nov. 6.
Stevenson, William D., Jr.: *See*—
Johnson, Walter C., and Stevenson.
Steverlynck, Baldewijn, Courtrai, Belgium. Device for the treatment or impregnation of rayon and similar textile fibers. 2,571,305, Oct. 16.
Steward, Don C., Phoenix, Ariz. Grease mop for griddles. 2,560,008, July 10.
Stewart, Alan, Staten Island, N. Y., assignor to General Instrument Corporation, Elizabeth, N. J. Apparatus for determining resonant frequencies. 2,576,423, Nov. 27.
Stewart, Aline, administratrix: *See*—
Stewart, Kenneth D.
Stewart, Andrew H., Beaver, Pa., assignor to The Phoenix Glass Company. Glass article and procedure for making it. 2,536,399, Jan. 2.
Stewart, Bertram H., New York, N. Y. Plier type friction-cap remover. 2,570,881, Oct. 9.
Stewart, Charles W., River Forest, Ill., assignor to Corn Products Refining Company, New York, N. Y. Treating gluten. 2,557,397, June 19.
Stewart, Duncan J., Rockford, Ill., assignor to the United States of America as represented by the Secretary of War. Gunfire director. 2,549,030, Apr. 17.
Stewart, Earl D.: *See*—
Laufer, Louis, and Stewart.
Stewart, Elmer A., Los Angeles, Calif. Safety razor with concave upper cap face. 2,545,533, Mar. 20.
Stewart, Enos A., assignor to J. H. Stewart, Canton, Ohio. Building block. 2,558,630, June 26.
Stewart, Eva E., assignee: *See*—
Connelly, Edward F.
Stewart, Floyd D.: *See*—
Ardis, Alan E., and Stewart.
Stewart, Floyd D., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Animal repellent compositions comprising thiocyanic acid salts of primary and secondary methylidene amines. 2,547,722, Apr. 3.
Stewart, Francis E.: *See*—
Blackinton, Roswell J., and Stewart.
Stewart, Grafton M., Stamford, Conn. Oil well pump valve. 2,571,497, Oct. 16.
Steward, H. R., Lohn, Tex. Expansible plug for cementing wells. 2,572,533, Oct. 23.
Stewart Hartshorn Company, assignee: *See*—
Mayer, Joseph T., Jr.
Stewart, Henry P., New York, N. Y. Letter scale. 2,565,277, Aug. 21.
Stewart, Herbert A., assignor to Savage Arms Corporation, Utica, N. Y. Insulated door for refrigerated cabinets. 2,553,879, May 22.
Stewart, Hugh T.: *See*—
Rainey, Rexton S., Stewart, and Helfrecht.
Stewart, Hugh W.: *See*—
Denton, John J., and Stewart.
Stewart, Ian F.: *See*—
Ashcroft, Donald G., and Stewart.
Stewart, Jack L.: *See*—
Finke, Theodore R., Stewart, and Finneburgh.
Stewart, James E., Rye, N. Y., assignor, by mesne assignments, to Cleveland-Detroit Corporation. Dispensing machine. 2,541,787, Feb. 13.
Stewart, James E., Rye, N. Y., assignor, by mesne assignments, to Cleveland-Detroit Corporation. Vending machine. 2,558,394, June 26.
Stewart, James N., assignor to The Bristol Company, Waterbury, Conn. Temperature responsive circuit selector. 2,560,829, July 17.
Stewart, James R., Rochester, N. Y., assignor to Stromberg-Carlson Company. Multiplex telephony. 2,536,825, Jan. 2.
Stewart, James W., Jr., Dinuba, Calif. Gauging and sampling well for vessels. 2,576,893, Nov. 27.
Stewart, John H., assignee: *See*—
Stewart, Enos A.
Stewart, John H. F., Detroit, Mich. Fluid sealing device. 2,557,039, June 12.
Stewart, John H. F., Detroit, Mich. Fluid sealing device. 2,565,701, Aug. 28.
Stewart, John H. F., Mount Clemens, Mich. Artificial limb construction. 2,578,854, Dec. 18.
Stewart, John M.: *See*—
Snyder, Harold R., and Stewart.
Stewart, John S., Rock Island, Ill., assignor to Abrasive Products, Inc., South Braintree, Mass. Abrading operation and apparatus useful therein. 2,568,096, Sept. 18.
Stewart, Joseph: *See*—
Morrell, Charles E., Carlson, Nelson, and Stewart.
Stewart, Kenneth D., deceased, Carleton, Mich.; A. Stewart, administratrix. Hose clamp. 2,574,441, Nov. 6.
Stewart, Leonard E., Midland, and M. J. Winters, Odessa, Tex., assignors to Noble Drilling Corporation, Tulsa, Okla. Straight hole drill collar. 2,542,725, Feb. 20.
Stewart, Lindsey: *See*—
Gamble, Jaye S., and Stewart.
Stewart, Patterson O., Bronxville, N. Y. Testing automotive distributors. 2,560,259, July 10.
Stewart Products Corporation, assignee: *See*—
Keefe, Lincoln M.
Stewart, Robert G., assignor to Curlette, Inc., Los Angeles, Calif. Bed for game utilizing glidable objects. 2,566,681, Sept. 4.
Stewart, Robert M.: *See*—
Ellestad, Reuben B., Stewart, and Babbitt.
Stewart, Ross T., Van Nuys, Calif. Adjustable shelf for stepladder. 2,577,718, Dec. 4.
Stewart, Seymour F.: *See*—
Leece, Bennett M., and Stewart.
Stewart, Tyler P., Mason City, Iowa. Shoe tree. 2,556,637, June 12.
Stewart, Virgil F., East Cleveland, Ohio. Fluid controlled transmission. 2,543,878, Mar. 6.
Stewart, Wayne G.: *See*—
Freeman, Sylvester E., and Stewart.
Stewart-Warner Corporation, assignee: *See*—
Allen, George W.
Campbell, Thomas A.
Davis, Ernest W.
Farr, Willard H., Fagen, and Kolanowski.
Foster, Everette M.
Garancher, Marcel.
Hansen, Waldemar S.
Heymann, Seymour E.
Jacobs, Gerald.
Klug, Charles W.
Malone, Homer F.
Mather, Irwin E.
McCollum, Henry J. D.
Mesa, Joseph O.
Norman, Horace M.
Palm, George H.
Petroff, Merlin.
Pfeiffer, George S.
Rodert, Lewis A.
Simon, Alfred W., and Johnson.
Thompson, Norman F.
Tramontini, Vernon N.
Walton, David J.
Webb, Albert E.
Wedeberg, Reuben.
Williams, Lynn A., Jr.
Stewart, William D., Brecksville, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Plant growth regulant compositions containing haloaryl sulfonyl sulfides. 2,568,036, Sept. 18.
Stewart, William D., Yonkers, assignor to The B. F. Goodrich Company, New York, N. Y. Horticultural composition comprising a polymeric organic polysulfide and a petroleum oil fraction. 2,568,033, Sept. 18.
Stewart, William D., Yonkers, assignor to The B. F. Goodrich Company, New York, N. Y. Horticultural composition comprising polyethylene polysulfide and sulfur or lime-sulfur. 2,568,034, Sept. 18.
Stewart, William D., Yonkers, assignor to The B. F. Goodrich Company, New York, N. Y. Horticultural composition comprising DDT and polyethylene polysulfide. 2,568,035, Sept. 18.
Stewart, William T., Berkeley, assignor to California Research Corporation, San Francisco, Calif. Lubricating compositions containing dicarboalkoxy-diheptadecyl selenides. 2,577,719, Dec. 4.
Stewart, William T., and J. O. Clayton, Berkeley, assignors to California Research Corporation, San Francisco, Calif. Stabilized oxidizable hydrocarbon oil. 2,543,074, Feb. 27.
Stewart, William T. and J. O. Clayton, Berkeley, assignors to California Research Corporation, San Francisco, Calif. Mineral lubricating oil containing a combination of metal salts. 2,543,734, Feb. 27.
Stewart, William T., and J. O. Clayton, Berkeley, assignors to California Research Corporation, San Francisco, Calif. Lubricating composition. 2,543,735, Feb. 27.
Stibbe, Edward V., and B. H. West, assignors to G. Stibbe & Co. Limited, Leicester, England. Yarn feeding mechanism for knitting machines. 2,537,000, Jan. 2.
Stibbe, G., & Co. Limited, assignee: *See*—
Brown, Albert M.
Stibbe, Edward V., and West.
Stiber, Samuel, Asbury Park, N. J., assignor to the United States of America as represented by the Secretary of the Army. Receiver attachment for instantaneous direction finders. 2,578,758, Dec. 18.
Sticelber, Merlin A., Kansas City, Mo., assignor to Stickelber & Sons, Inc. Traveling oven unloader. 2,576,369, Nov. 27.
Stichting Nederlandsch-Indisch Instituut Voor Rubberonderzoek, assignee: *See*—
Homans, Lili N. S.
Stickel, Carl A., assignor to General Motors Corporation, Dayton, Ohio. Wringer. 2,536,324, Jan. 2.
Stickel, Carl A., assignor to General Motors Corporation, Dayton, Ohio. Refrigerator alarm system. 2,537,431, Jan. 9.
Sticker, Jesse E., Jr., assignor of one-half to J. L. Tatman, Steubenville, Ohio. Furnace door. 2,550,729, May 1.
Stickel, Harold A., San Francisco, Calif. Selective signal receiving device. 2,575,198, Nov. 13.
Stickelber & Sons, Inc., assignee: *See*—
Sticelber, Merlin A.
Stickels, Arthur E.: *See*—
Curtis, Raymond M., Brewer, and Stickels.

Stickle, Fred H., Cleveland Heights, Ohio. Toy crane. 2,567,083, Sept. 4.
Stickley, William A., Eastwood, assignor to Ekco-Ensign Electric Limited, Essex, England. Circuit arrangement for electric discharge lamps. 2,554,648, May 29.
Stieber, Frank C., Marathon, Wis. Sighting device for bows and arrows. 2,574,599, Nov. 13.
Stiefel, Hedwig G., executrix: *See*—
Stiefel, Karl J.
Stiefel, Karl J., deceased; H. G. Stiefel, executrix, Boston, assignor to Raytheon Manufacturing Company, Newton, Mass. Waveguide dielectric heating apparatus. 2,560,903, July 17.
Stiefel, Rudy C.: *See*—
Gruettner, Gerhard G., and Stiefel.
Stieger, Helmut J., Brough, England. Rotary drum drier. 2,571,778, Oct. 16.
Stiegler, August, Towson, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Continuous extruding and vulcanizing apparatus. 2,540,497, Feb. 6.
Stieglitz, Henry C., assignor to Thompson Products, Inc., Cleveland, Ohio. Polishing machine for impeller wheels. 2,547,056, Apr. 3.
Stieglitz, Henry C., assignor to Thompson Products, Inc., Cleveland, Ohio. Polishing machine for impeller wheels. 2,547,057, Apr. 3.
Stieh, Albert F.: *See*—
Fitzgerald, Frank P., and Stieh.
Stienen, Ernest A., Peekskill, N. Y. Skein dyeing machine. 2,562,220, July 31.
Stieritz, William G., Allentown, Pa., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Glow discharge device. 2,560,348, July 10.
Stiffler, Joseph H., assignee: *See*—
Sheridan, Charles B.
Stifter, Frank E., Pittsburgh, Pa. Toy airplane rotator. 2,561,760, July 24.
Stigen, Alf L., assignor to Aktiebolaget Separator, Stockholm, Sweden. Continuous process for producing butter. 2,569,203, Sept. 25.
Stiger Precision Products, Inc., assignee: *See*—
Forsmark, Harold R.
Stigger, Earl K.: *See*—
Jefferson, George D., and Stigger.
Stigler, Robert G., assignor to Standard Molding Corporation, Dayton, Ohio. Convertible container and serving device. 2,553,880, May 22.
Stigter, Willem H.: *See*—
Van Weenen, Franciscus L., and Stigter.
Stilbert, Elmer K.: *See*—
Young, Arthur E., and Stilbert.
Stiles, Alan R.: *See*—
Rust, Frederick F., Stiles, and Vaughan.
Stiles, Alvin B., Charleston, W. Va., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of a sintered cobalt oxide pelleted catalyst. 2,570,882, Oct. 9.
Stiles, Donald O., assignee: *See*—
Stiles, Richard H.
Stiles, John W., New York, N. Y. Conveyer feeding apparatus. 2,560,995, July 17.
Stiles, John W., New York, N. Y. Adjustable conveyer device. 2,577,926, Dec. 11.
Stiles, Richard H., Richland, assignor of one-half to D. O. Stiles, Plainwell, Mich. Combination window frame construction. 2,541,675, Feb. 13.
Stiles, Richard H., Richland, assignor of one-half to D. O. Stiles, Plainwell, Mich. Metal window sash frame. 2,552,298, May 8.
Still, Conway L., Chester, S. C., assignor to The Springs Cotton Mills, Inc. Slasher for sizing textile yarn. 2,565,407, Aug. 21.
Still, John Steere-Paul, Incorporated, assignee: *See*—
Still, Paul F.
Still, Paul F., Los Angeles, assignor to John Steere-Paul Still, Incorporated, Hollywood, Calif. Cold cathode gas-filled transducer device. 2,565,996, Aug. 28.
Stillebroer, Cornelis: *See*—
Hinze, Julius O., and Stillebroer.
Stiller, Eric T., Princeton, N. J., assignor to Wyeth Incorporated, Philadelphia, Pa. Substituted piperazine salts of penicillin. 2,558,014, June 26.
Stiller, Jack, United States Navy. Selective card index. 2,556,232, June 12.
Stillman, Harry L., assignee: *See*—
Bellek, Frank G.
Stillman, Nathan: *See*—
Wachter, Aaron, and Stillman.
Stillwagon, George B., Jr., assignor of one-half to K. G. Fraser, Dayton, Ohio. Flexible driving unit for connecting driving members with driven members. 2,556,380, June 12.
Stillwagon, George B., Jr., assignor of one-half to K. G. Fraser, Dayton, Ohio. Universal joint of the jaw type. 2,575,602, Nov. 20.
Stilmar, Frederic B., Wilmington, Del., assignor to the United States of America as represented by the United States Atomic Energy Commission. Cyclic organic fluorine compounds and making. 2,553,217, May 15.
Stilmar, Frederic B., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Antraquinone carbonyl hydrazines. 2,567,132, Sept. 4.
Stilmar, Frederic B., Woodstown, N. J., assignor to the United States of America as represented by the United States Atomic Energy Commission. Organic fluorine compositions and making. 2,569,644, Oct. 2.
Stilwell Darby & Company Limited, assignee: *See*—
Aldrich, William S.
Stilwell, Glenn E., and E. A. Verrinder, Riverside, Calif., assignors to Food Machinery and Chemical Corporation. Rotary box dump. 2,540,766, Feb. 6.
Stilwell, William E., Jr., Glendale, Ohio, assignor to John B. Pierce Foundation, New York, N. Y. Toggle spring. 2,571,170, Oct. 16.
Stimson, Percy G., and J. T. Davidson, assignors to The Standard Register Company, Dayton, Ohio. Sheet delivery and assembly apparatus. 2,576,152, Nov. 27.
Stine, Harold A., Fontana, Wis., assignor to Kraft Foods Company, Chicago, Ill. Mechanism for packaging cheese and other viscous materials. 2,540,557, Feb. 6.
Stine, Harrison M., East Cleveland, assignor to The Standard Oil Company, Cleveland, Ohio. Hydrodesulfurization of sulfur-containing hydrocarbon fractions. 2,577,823, Dec. 11.
Stine, Harrison M., East Cleveland, assignor to The Standard Oil Company, Cleveland, Ohio. Removing mercaptans from hydrocarbons with alkali impregnated charcoal. 2,577,824, Dec. 11.
Stine, Harry R., Inglewood, Calif., assignor, by mesne assignments, to Nesco, Inc. Synthetic rubber garbage container. 2,558,322, June 26.
Stinson, Anne, assignee: *See*—
Pfeifer, Charles F.
Stinson, Charles M., Kansas City, Mo. Playing card. 2,565,702, Aug. 28.
Stinson, Jess G., assignee: *See*—
Schwartz, Herman L.
Stinson, Lyman A., Oak Park, Ill. Automatic show card printing machine. 2,541,840, Feb. 13.
Stinson, Robert E., Galion, Ohio. Two-part clamp for attaching illuminating means to gun sights. 2,546,242, Mar. 27.
Stinson, Robert J., Escondido, Calif. Sewing machine needle threader. 2,538,395, Jan. 16.
Stinson, Truman G., Spokane, Wash. Scaffold. 2,541,556, Feb. 13.
Stirlen, Morley W., assignor of one-third to C. C. Hagermann and one-third to F. W. Hermann, Muscatine, Iowa. Mother-of-pearl fishing lure. 2,570,404, Oct. 9.
Stirn, Frank E., Pearl River, and A. S. Taylor, Spring Valley, assignors to American Cyanamid Company, New York, N. Y. Method of and apparatus for measuring and filling powders volumetrically. 2,540,059, Jan. 30.
Stirnemann, Ernst, Basel, Switzerland. Production of shaped articles. 2,577,381, Dec. 4.
Stiteler, Charles H., Hillsdale, and P. O. Tawney, Passaic, N. J., assignors to United States Rubber Company, New York, N. Y. Preparing esters of 1,2,4-butanetriol. 2,578,647, Dec. 11.
Stites, John L.: *See*—
Stites, Loyal S. and J. L.
Stites, Loren H., Flint, Mich. Wheel spinner. 2,555,769, June 5.
Stites, Loyal S. and J. L., Boise, Idaho. Spanner wrench for turning flywheels. 2,578,855, Dec. 18.
Stith, Gordon L., assignee: *See*—
Hanson, Henry M.
Stitt, Fred, Berkeley, Calif., assignor to the United States of America as represented by the Secretary of Agriculture. Analytical selenium strip and preparation thereof. 2,567,251, Sept. 11.
Stitz, Wilbur E., Dayton, Ohio. Refrigerator control. 2,545,054, Mar. 13.
Stivín, Jiří, Celakovice, near Prague, Czechoslovakia, Elimination of deformation during surface hardening. 2,570,883, Oct. 9.
Stivín, Jiří, Rychnov u Jablonce nad Nisou, Czechoslovakia. Method and device for hardening of articles by high-frequency currents. 2,540,700, Feb. 6.
Stobb, Anton: *See*—
Huck, William F., and Stobb.
Stober, Kenneth E.: *See*—
Ludington, Samuel G., and Stober.
Stober, Kenneth E., assignor to The Dow Chemical Company, Midland, Mich. Controlled blending of polystyrene with modifiers. 2,540,146, Feb. 6.
Stober, Kenneth E., assignor to The Dow Chemical Company, Midland, Mich. Making free-flowing cellular pellets of thermoplastic resins. 2,576,977, Dec. 4.
Stock, Harry F.: *See*—
Busick, Adrien F., Jr., and Stock.
Stocker, Alfred E., Mercer Island, Wash., assignor to Anchor Brake Corporation, Oakland, Calif. Servo electric brake. 2,555,664, June 5.
Stockfleth, Berger, Mill Valley, Calif. Card marker. 2,539,874, Jan. 30.
Stocking, Fred A., Jr., Portland, Oreg. Greenhouse construction. 2,545,713, Mar. 20.
Stockinger, Paul P., assignor to Bendix Aviation Corporation, South Bend, Ind. Modulator. 2,555,770, June 5.
Stockmar, Albert H., Villa Rica, Ga. Arcuate-edged discharge opening for hopper, and an arcuate closure for said opening. 2,577,927, Dec. 11.

Stockwell, Alan J., Detroit, Mich., assignor to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Antislip surface coating composition. 2,564,735, Aug. 21.
Stoddard, Arvid C., Garden City, Mich. Jeweler's vise. 2,576,051, Nov. 20.
Stoddard, George C., New York, N. Y. Dynamoelectric machine. 2,561,890, July 24.
Stoddard, William B., Jr.: *See*—
Bradner, Donald B., Stoddard, and Blickensderfer.
Stoddard, William L.: assignee: *See*—
Bernstein, Lillian.
Stodder, Horace R.: *See*—
Terry, Philip B., Jr., and Stodder.
Stodgell, James C., assignor of fifty per cent to J. W. Hayward, Dalton, Mo. Crankshaft grinding device. 2,571,779, Oct. 16.
Stodola, Frank H., Peoria, Ill., J. L. Wachtel, Lawrenceburg, Ind., and R. D. Coghill, Lake Bluff, Ill., dedicated to the people of the United States of America. Derivatives of parahydroxypenicillin G. 2,573,741, Nov. 6.
Stoeckig, Charles, St. Paul, Minn. Reciprocating drive. 2,537,195, Jan. 9.
Stoeckly, Eugene E., Marblehead, Mass., assignor to General Electric Company. Variable density fluid energy converter. 2,537,800, Jan. 9.
Stoelting, Herman O., Milwaukee, Wis., and J. F. Kuzela, Oneida, N. Y., assignors to McGraw Electric Company. Resistor type of isolator for lightning arresters. 2,551,858, May 8.
Stoesser, Wesley C., Midland, and E. H. Sommerfield, Bay City, assignors to The Dow Chemical Company, Midland, Mich. Production of 3-chlorocoumarin. 2,562,873, July 31.
Stoever, Henry V. H., Jr., assignor to The American Tobacco Company, Durham, N. C. Spot glue applicator for carton making machines. 2,559,175, July 3.
Stoffel, Lester L., Lakewood, assignor to The Ohio Carbon Company, Cleveland, Ohio. Resistor. 2,547,506, Apr. 3.
Stoffel, Lester L., Lakewood, assignor to The Ohio Carbon Company, Cleveland, Ohio. Electrode and resistor assembly unit. 2,561,151, July 17.
Stohlman, William D., Clayton, assignor to Bemis Bro. Bag Company, St. Louis, Mo. Shroud for animal carcasses. 2,564,454, Aug. 14.
Stoiner, Stephen, Cleveland, Ohio. Cushion sole. 2,549,343, Apr. 17.
Stokely Foods, Inc., assignee: *See*—
Appling, Russell E.
Stoker, Henry L., Claremont, Calif. Bag packer. 2,548,075, Apr. 10.
Stokes, Charles A., Wellesley Hills, assignor to Godfrey L. Cabot, Inc., Boston, Mass. Producing carbon black. 2,564,736, Aug. 21.
Stokes, Charles W.: *See*—
Mattix, Emory D., and Stokes.
Stokes, F. J., Machine Company, assignee: *See*—
Flosdorf, Earl W.
Saalfrank, Royal B.
Stevenson, Gustie.
Weidner, Jack E.
Stokes, Henry G.: *See*—
Maraman, Pascal J., and Stokes.
Stokes, Irving: *See*—
Barchok, Donald J., and Stokes.
Stokes, Irving, Neptune, N. J. Radio system for identifying friendly aircraft and the like. 2,537,102, Jan. 9.
Stokes, Jefferson A., Richmond, Va., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Stabilizing cellulose yarns. 2,577,593, Dec. 4.
Stokes, John C., assignor to Reed Roller Bit Company, Houston, Tex. Pilot bit. 2,540,464, Feb. 6.
Stokes, John C., assignor to Reed Roller Bit Company, Houston, Tex. Sampling apparatus. 2,557,925, June 26.
Stokes, John C., assignor to Reed Roller Bit Company, Houston, Tex. Coring apparatus. 2,574,717, Nov. 13.
Stokes, John F., Los Angeles, Calif., assignor to the United States of America as represented by the Secretary of the Navy. Cam system. 2,573,506, Oct. 30.
Stoker, John H.: *See*—
Knudson, Raynard A., and Stoker.
Stokes, John S., deceased, Huntingdon Valley, M. M. Stokes, J. S. Stokes, Jr., D. R. Yarnall, P. Price, P. C. Madeira, Jr., and Provident Trust Co. of Philadelphia, executors of said J. S. Stokes, assignor to Stokes and Smith Company, Philadelphia, Pa. Boxmaking system. 2,542,099, Feb. 20.
Stokes, John S., Jr.: *See*—
Stokes, John S.
Stokes, May M., executrix: *See*—
Stokes, John S.
Stokes, Morris A.: *See*—
Allen, Sidney, and Stokes.
Stokes, Robert R., Pasadena, Calif., assignor to the United States of America as represented by the Secretary of the Navy. Decelerometer. 2,574,600, Nov. 13.
Stokes, Roger H.: *See*—
Pachmayr, Frank A., and Stokes.
Stokes, Samuel G., Sarnia, Ontario, Canada, assignor to Standard Oil Development Company. Portable freight elevator. 2,561,242, July 17.
Stokes and Smith Company, assignee: *See*—
Flack, Walter E.
Stokes, John S.
Stokes, Stanley A., assignor, by mesne assignments, to Termite Drills, Inc., Pasadena, Calif. Bit. 2,567,084, Sept. 4.
Stokes, Victor O., Chelmsford, England, assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Automatic tuning system. 2,538,539, Jan. 16.
Stokett Development Corporation, assignee: *See*—
Tarpley, Lewis A., and Fleming.
Stokinger, George, Wakefield, assignor to Ace Art Company, Reading, Mass. Machine for making corner mounts. 2,572,673, Oct. 23.
Stokla, Hermanus K., Rijswijk, and J. van Dalfsen, Rotterdam, Netherlands, assignors to Lever Brothers Company, New York, N. Y. Flavoring foodstuffs. 2,556,233, June 12.
Stolaroff, Myron J., assignor to Ampex Electric Corporation, San Carlos, Calif. Magnetic recording system. 2,563,882, Aug. 14.
Stolberg, Sven A., Chicago, Ill., assignor, by mesne assignments, to Raytheon Manufacturing Company, Newton, Mass. Record changer. 2,564,455, Aug. 14.
Stolberg, Sven A., Chicago, Ill., assignor, by mesne assignments, to Raytheon Manufacturing Company, Newton, Mass. Automatic stop mechanism for record changers. 2,578,378, Dec. 11.
Stoldt, Clarence A., Oklahoma City, Okla. Attachment of preformed blocks to wall studs. 2,547,347, Apr. 3.
Stoll, Michael: *See*—
Hasselstrom, Torsten, and Stoll.
Stoll, Wilbur C.: *See*—
Hoffman, Roger A., Bittenbender, and Stoll.
Stolle, Frantisek and H., Varnasdorf, assignors of one-third to A. Pejsek, Prague, Czechoslovakia. Manufacturing warp-knitted fabric. 2,557,482, June 19.
Stolle, Frantisek and H., Varnsdorf, assignors of one-third to A. Pejsek, Prague, Czechoslovakia. Mechanism for the manufacture of elastic shape-knitted articles. 2,560,311, July 10.
Stolle, Hermann: *See*—
Stolle, Frantisek and H.
Stoller, Hugh M., deceased, by M. M. Stoller, executrix, Mountain Lakes, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Time delay relay. 2,567,827, Sept. 11.
Stoller, Hugh M., deceased, late of Mountain Lakes, N. J., by M. M. Stoller, executrix, Mountain Lakes, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Damping means. 2,571,780, Oct. 16.
Stoller, Marian M., executrix: *See*—
Stoller, Hugh M.
Stoloff, Leonard S., New Bedford, Mass., assignor of one-half to Merck & Co., Inc., Rahway, N. J., and one-half to Krim-Ko Corporation, Chicago, Ill. Preservation of foodstuffs. 2,567,085, Sept. 4.
Stolp, Charles, Jr., Chicago, Ill., assignor to Allied Chemical & Dye Corporation, New York, N. Y. Masonry simulating roll siding and producing same. 2,569,543, Oct. 2.
Stolp, William J.: *See*—
Rowe, Oliver R., King, and Stolp.
Stoltenberg, Alvin E., Walcott, Iowa. Carburetor heat control. 2,572,404, Oct. 23.
Stoltz, Glenn E., Pittsburgh, and A. J. Dolan, East Liberty, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Control system. 2,537,171, Jan. 9.
Stoltz, James F., La Grange, Ill., assignor to The Brush Development Company, Cleveland, Ohio. Apparatus for synchronizing film with sound tape. 2,567,086, Sept. 4.
Stoltz, Jay W., Bucyrus, Ohio. Metal roofing. 2,538,481, Jan. 16.
Stoltz, Joseph E.: *See*—
Illges, Norman S., and Stoltz.
Stoltzfus, Menno S., Cochranville, Pa. Combined hitching device and guard for tractors or the like. 2,550,310, Apr. 24.
Stone, Albert F., and E. A. Hayden, Callahan, Calif. Turret-mounted chain-saw holding claw. 2,572,405, Oct. 23.
Stone, Albert L., Palos Verdes Estates, Calif., assignor, by mesne assignments, to Standard Oil Development Company, Elizabeth, N. J. Apparatus for moving pipe. 2,537,607, Jan. 9.
Stone, Albert L., Palos Verdes Estates, assignor to Hydril Corporation, Los Angeles, Calif. Drill pipe connection. 2,553,836, May 22.
Stone, Albert L., Palos Verdes Estates, assignor to Stonefield, Incorporated, Redondo Beach, Calif. Hydraulic impact tool. 2,559,478, July 3.
Stone, Albert L., Palos Verdes Estates, Calif., assignor, by mesne assignments, to Standard Oil Development Company, Elizabeth, N. J. Carriage assembly. 2,563,627, Aug. 7.
Stone, Albert L., Palos Verdes Estates, Calif., assignor, by mesne assignments, to Standard Oil Development Company, Elizabeth, N. J. Tong assembly. 2,567,039, Sept. 4.
Stone, Albert L., Redondo Beach, Calif., assignor, by mesne assignments, to Standard Oil Development Company, Elizabeth, N. J. Blowout preventer. 2,554,276, May 22.

Stone, Albert L., Redondo Beach, Calif., assignor, by mesne assignments, Standard Oil Development Company, Elizabeth, N. J. Impact tong and spinner. 2,566,999, Sept. 4.
Stone, Albert L., Redondo Beach, Calif., assignor, by mesne assignments, to Standard Oil Development Company, Elizabeth, N. J. Impact rotary slip lock. 2,570,039, Oct. 2.
Stone, Albert L., Redondo Beach, Calif., assignor, by mesne assignments, to Standard Oil Development Company, Elizabeth, N. J. Device for gripping pipes. 2,570,080, Oct. 2.
Stone, Albert R., Baltmore, Md., assignor to Gerotor May Corporation. Bolt or stud tightener. 2,562,831, July 31.
Stone, Burnham E., assignor to International Electronics Company, Philadelphia, Pa. Tape runout control for magnetic recorders. 2,542,590, Feb. 20.
Stone, Cecil J., Sr., Bristol, Tenn. Veneer gauge. 2,574,300, Nov. 6.
Stone, Charles E., Jr.: *See*—
Perkins, George D., and Stone.
Stone, Clarence L.: *See*—
Hedeman, William N., and Stone.
Stone & Company Limited, assignee: *See*—
Hatcher, Ernest C.
Stone, Fred, Gladewater, Tex. Door-actuated dual compartment mailbox. 2,579,877, Dec. 25.
Stone, George: *See*—
Dolson, Leo R., and Stone.
Stone, George A.: *See*—
Briscoe, Earnest H., Stone, and Tarlton.
Stone, Harry D., Uniontown, assignor to Pittsburgh Steel Company, Pittsburgh, Pa. Load bracing frame. 2,565,997, Aug. 28.
Stone, Irwin: *See*—
Wallerstein, Leon, and Stone.
Stone, J., & Company Limited, assignee: *See*—
Hatcher, Ernest C.
Stone, Julius D., assignee: *See*—
Miller, William J.
Stone, Leo F., assignor to The Grico Two Axle Drive Company, Detroit, Mich. Two axle driving mechanism for motor vehicles and mounting therefor. 2,567,657, Sept. 11.
Stone, Lewi, assignee: *See*—
West, Charles.
Stone, Llewellyn E., Detroit, Mich. Brush actuated tooth powder dispenser. 2,556,826, June 12.
Stone, Marshall E., Monticello, Ky. Wagon and truck body seat. 2,568,832, Sept. 25.
Stone, Maxwell H., Brooklyn, assignor to Eitinger Bead Co., Inc., New York, N. Y. Machine for making beaded strands. 2,559,479, July 3.
Stone, Morris D., and J. I. Greenberger, assignors to United Engineering & Foundry Company, Pittsburgh, Pa. Strip tensioning apparatus. 2,569,264, Sept. 25.
Stone, Paul L., Melrose Park, Pa., assignor to Philco Corporation, Philadelphia, Pa. Mounting device for telephones and the like. 2,579,878, Dec. 25.
Stone, Reuben, Hawkins, Wis. Gauge for rip saws. 2,560,996, July 17.
Stone, Robert L., Guilford, assignor to The Soundscriber Corporation, New Haven, Conn. Electric motor drive. 2,563,562, Aug. 7.
Stone, Robert L., Guilford, and F. E. Runge, Branford, assignors to The Soundscriber Corporation, New Haven, Conn. Transcriber listening device. 2,558,278, June 26.
Stone, Robert L., Guilford, and F. E. Runge, Branford, assignors to The Soundscriber Corporation, New Haven, Conn. Combined microphone and switch. 2,561,320, July 17.
Stone, Roy A., assignor to National Lock Company, Rockford, Ill. Catch and frame insert. 2,561,295, July 17.
Stone, Roy A., assignor to National Lock Company, Rockford, Ill. Cabinet hinge. 2,578,610, Dec. 11.
Stone, Spencer A., assignor to The Deister Concentrator Company, Fort Wayne, Ind. Distributor for dividing a flowing stream of material. 2,547,794, Apr. 3.
Stone, Wayne A., St. Louis Park, assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Caging and centering apparatus for gyroscopes. 2,564,772, Aug. 21.
Stone & Webster Engineering Corporation, assignee: *See*—
Schutt, Hermann C.
Stone, Wilfred S.: *See*—
Denison, William E., and Stone.
Smith, Leathem D., Stearn, and Stone.
Stone, William C., Springfield, Mo. Adjustable exhaust for jet-propelled aircraft. 2,537,487, Jan. 9.
Stoneburner, Charles F., Ravenswood, W. Va. Garment hanger of the folding type. 2,573,622, Oct. 30.
Stonecipher, William D., Newark, assignor to Hercules Powder Company, Wilmington, Del. Insecticidal composition containing a polychloro p-menthane. 2,546,174, Mar. 27.
Stonecipher, William D., Newark, assignor to Hercules Powder Company, Wilmington, Del. Insecticidal composition containing a polychloro p-menthane. 2,546,175, Mar. 27.
Stonecipher, William D., Newark, assignor to Hercules Powder Company, Wilmington, Del. Insecticidal composition containing a polychloro p-menthane. 2,546,176, Mar. 27.
Stonefield, Incorporated, assignee: *See*—
Stone, Albert L.
Stonehill, Cyrus, Fort Wayne, Ind., assignor to General Electric Company. Electric terminal. 2,553,341, May 15.
Stoneman, Alan C., San Marino, assignor to Purex Corporation, Ltd., South Gate, Calif. Spray drier. 2,555,516, June 5.
Stoner, Arthur M., West Hartford, assignor to The Jacobs Manufacturing Company, Hartford, Conn. Toggle-acting collet 2,546,351, Mar. 27.
Stoner, Arthur M., West Hartford, assignor to The Jacobs Manufacturing Company, Hartford, Conn. Toolholder. 2,552,694, May 15.
Stoner, Arthur M., and C. B. Brink, West Hartford, assignors, to The Jacobs Manufacturing Company, Hartford, Conn. Lathe chuck. 2,536,519, Jan. 2.
Stoner, Francis E., assignor to United Aircraft Products, Inc., Dayton, Ohio. Lightweight solenoid valve. 2,569,027, Sept. 25
Stoner, Frank, Lakewood, assignor to The Baker-Raulang Company, Cleveland, Ohio. Arrangement of load carrier and lifting mechanism for trucks. 2,560,608, July 17.
Stoner, George H., and W. A. Sourwine, Seattle, Wash., assignors to Boeing Airplane Company. Electronic integrating circuit. 2,542,160, Feb. 20.
Stoner, Lewis D., assignor to The R. L. Winston Rod Co., San Francisco, Calif. Fly casting rod. 2,537,488, Jan. 9.
Stoner, Seth H., United States Navy. Vertically adjustable seat for aircraft. 2,572,072, Oct. 23.
Stookey, Kenneth W., assignor to The Gas Machinery Company, Cleveland, Ohio. Manufacturing carbureted water gas. 2,537,242, Jan. 9.
Stookey, Stanley D.: *See*—
Hyde, James F., and Stookey.
Stookey, Stanley D., assignor to Corning Glass Works, Corning, N. Y. Opal glass composition. 2,559,805, July 10.
Stoos, Norman T., Jr., Trooper, and J. Bondi, Norristown, Pa. Swivel cap. 2,574,422, Nov. 6.
Stootman, John H., North Kingston, R. I., assignor to Fram Corporation. Crankcase breather opening filter. 2,539,378, Jan. 23.
Stopall Waterproofing Manufacturers Inc., assignee: *See*—
Pew, Donald D.
Stopinski, Sigmunt C., Buffalo, N. Y. Container attachment for baby strollers. 2,564,862, Aug. 21.
Stop-Motion Devices Corp., assignee: *See*—
Vossen, Edward.
Stoppani, A. G., assignee: *See*—
Wydler, Hermann.
Storch, Leo, Jersey City, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Safety system for portable electrical apparatus. 2,554,598, May 29.
Storch, Max H., Belle Harbor, N. Y. Blade and handle securing means. 2,568,833. Sept. 25.
Stordy Engineering Limited, assignee: *See*—
Stordy, John J.
Stordy, John J., Albrighton, Wolverhampton, assignor to Stordy Engineering Limited, Wolverhampton, England. Electric annealing furnace. 2,547,795, Apr. 3.
Storer, Richard M., Denver, Colo. Fastening device. 2,545,714, Mar. 20.
Storer, Richard M., Denver, Colo. Ice release method and means. 2,558,015, June 26
Storey, Loren N., and H. C. Tyler, assignors to Western Lithograph Company, Los Angeles, Calif. Apparatus for applying adhesive tape to cards. 2,541,444. Feb. 13.
Storey, William D., Chattanooga, Tenn. Muffler with frusto-conical baffle and removably disposed perforated extension tube. 2,570,728, Oct. 9.
Stork, Minnie R., assignee: *See*—
Holmes, Davis F.
Storkline Furniture Corporation, assignee: *See*—
Feldman, Abraham G.
Storm, Andre W.: *See*—
Janssen, Johannes M. L., and Storm.
Storm, Frederick K., Jr., Los Angeles, and E. H. Smiley, Hermosa Beach, assignors to C. Van King, West Los Angeles, Calif. Refrigeration system. 2,559,095, July 3.
Storm Herbert F., Schenectady, N. Y., assignor to General Electric Company. Electromagnetic chuck control circuit. 2,544,366, Mar. 6.
Storm, Lynn W., Houston, Tex. Jar. Re. 23,354, Apr. 10.
Storment, Joseph E., Kansas City, Kans., assignor to Phillips Petroleum Company. Liquid level control. 2,554,425, May 22.
Storrs, Arnold B., Palos Heights, assignor to Armour and Company, Chicago, Ill. Stimulation of lactic cultures in milk. 2,556,454, June 12.
Storrs, William H., West Hartford, Conn., assignor to Emhart Manufacturing Company. Device for presetting open and closed positions of the halves of cooperative two-part blank and blow molds of glassware forming machines. 2,557,322. June 19.
Storsand, Bjarne, Zurich, assignor to Maschinenfabrik Oerlikon, Zurich-Oerlikon, Switzerland. Starting device or system for squirrel-cage motors. 2,542,296, Feb. 20.

Storsand, Bjarne, Zurich, assignor to Maschinenfabrik Oerlikon, Zurich-Oerlikon, Switzerland. Power transmission system, especially for vehicles. 2,573,071, Oct. 30.
Stortz, Stephen W., Fort Atkinson, Wis. Fluid pressure control valve. 2,544,056, Mar. 6.
Story, Charles F.: *See*—
Koonce, Wilbur E., and Story.
Story, Charles F., assignor to Masonite Corporation, Laurel, Miss. Diestock and making same. 2,550,730, May 1.
Story, Hollis L. Paducah, Ky. Animal trap. 2,578,856, Dec. 18.
Story, Walter: *See*—
Kovatch, Anthony P., and Story.
Stotenbur, Ralph H., Pittsfield, Mass., assignor to General Electric Company. Strain relief device. 2,566,912, Sept. 4.
Stott, John E., Wallaceburg, Ontario, Canada. Shower head nozzle. 2,539,041, Jan. 23.
Stott, Louis L., assignor to The Polymer Corporation, Reading, Pa. Molding equipment. 2,537,285, Jan. 9.
Stott, Louis L., assignor to The Polymer Corporation, Reading, Pa. Colored nylon article and manufacture. 2,558,992, July 3.
Stott, Louis L., and E. E. Montross, assignors to The Polymer Corporation, Reading, Pa. Equipment for molding elongated articles from plastic materials. 2,570,284, Oct. 9.
Stoudt, Bernard, Valley Stream, assignor to Ames Spot Welder Co., Inc., Brooklyn, N. Y. Pipe deforming machine. 2,556,987, June 12.
Stough, Gerald D., Detroit, assignor to Whitehead & Kales Company, River Rouge, Mich. Cargo-bracing structure. 2,567,658, Sept. 11.
Stough, Gerald D., Detroit, and R. W. Fox, Pleasant Ridge, assignors to Whitehead & Kales Company, River Rouge, Mich. Crossbar structure. 2,556,302, June 12.
Stoughton, Ivan R., Los Angeles, assignor to Northrop Aircraft, Inc., Hawthorne, Calif. Wing-tip fuel tank. 2,575,534, Nov. 20.
Stoughton, Raymond W.: *See*—
Steahly, Frank L., Stoughton, and Schuler.
Stoughton, Roger W., assignor to Mallinckrodt Chemical Works, St. Louis, Mo. Separation of nitrile intermediates in amidone synthesis. 2,540,636, Feb. 6.
Stoughton, Roger W., assignor to Mallinckrodt Chemical Works, St. Louis, Mo. 2,4-oxazolidinediones. 2,578,611, Dec. 11.
Stout, Cornelius B., Perkins, Okla. Gas inhaler applicator. 2,577,045, Dec. 4.
Stout, Elvin M., Nevis, Minn. Thumb brake for fishing reel. 2,555,824, June 5.
Stout, George A., Detroit, Mich. Insert for the counter portion of a shoe. 2,562,480, July 31.
Stout, Harold E., West Leesport, assignor to Textile Trimming & Boarding Machine Co., Reading, Pa. Garment mounting device. 2,556,049, June 5.
Stout, Paul R.: *See*—
Dunlop, Andrew P., and Stout.
Stout, Richard H.: *See*—
Hammond, Leni K., and Stout.
Stout, Russell H., Charleston, S. C. Instrument for resolving gear ratios. 2,548,273, Apr. 10.
Stout, Twyman J., Wichita, Kans. Child's vehicle. 2,548,749, Apr. 10.
Stout, William H., Portland, Oreg. Self-draining irrigation line. 2,561,296, July 17.
Stout, William H., Portland, Oreg. Conduit pipe. 2,552,599, May 15.
Stouten, Edwin A.: *See*—
Black, James A., and Stouten.
Stovall, John R., Jr., assignor to Tinius Olsen Testing Machine Company, Philadelphia, Pa. Apparatus for changing the mechanical advantage of a system. 2,575,032, Nov. 13.
Stovall, John R., Jr., Doylestown, assignor to Tinius Olsen Testing Machine Company, Willow Grove, Pa. Capacitance strain gauge. 2,576,489, Nov. 27.
Stovall, John R., Jr., Doylestown, and I. Weintraub, Neshaminy, assignors to Tinius Olsen Testing Machine Company, Willow Grove, Pa. Crimped plate capacitance strain gauge. 2,576,488, Nov. 27.
Stovall, Kenneth L., Coos Bay, Oreg. Honing device. 2,537,286, Jan. 9.
Stovall, Wayne, assignee: *See*—
Bishop, Ernest.
Stover, Albert J., Attalla, Ala. Safety grounding device. 2,541,788, Feb. 13.
Stover, Clyde N.: *See*—
Klein, William H., and Stover.
Stover, Clyde N., Towson, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Apparatus for making electrical connections to articles in transit. 2,540,843, Feb. 6.
Stover, Emory F., Wynnewood, Pa. Fluid actuated integrator. 2,575,304, Nov. 13.
Stover, Fred J., Rocky River, Ohio. Iron precipitator. 2,543,813, Mar. 6.
Stover, Fred J., Rocky River, Ohio. Valve head. 2,573,623, Oct. 30.
Stover, Fred N., Los Angeles, Calif. Foam making and dispensing means. 2,549,258, Apr. 17.
Stover, Harry E., assignor to Anchor Hocking Glass Corporation, Lancaster, Ohio. Machine for inspecting glass containers and the like. 2,570,729, Oct. 9.
Stover, William A.: *See*—
Feasley, Charles F., and Stover.
Stovern, Ingram V., assignor to Engineering Manufacturing Co., Sheboygan, Wis. Drafting table. 2,554,599, May 29.
Stovern, Ingram V., assignor to Engineering Manufacturing Co., Sheboygan, Wis. Drafting equipment. 2,558,468, June 26.
Stow, Robert P., Downers Grove, assignor to Armour and Company, Chicago, Ill. Sheepskinning process. 2,544,437, Mar. 6.
Stowe, Stephen C., assignor to The Dow Chemical Company, Midland, Mich. Azeotropic dehydration of 1,1′-oxybis-(2-chloroethanol). 2,540,998, Feb. 6.
Stowe, Stephen C., and E. K. Morris, assignors to The Dow Chemical Company, Midland, Mich. Recovery of ammonium chloride from solution in liquid ammonia. 2,541,724, Feb. 13.
Stowell, Clifford P.: *See*—
Mark, Richard S., Schwend, and Stowell.
Stowell, William E., Provo, Utah. Rotary carving tool. 2,569,874, Oct. 2.
Stoyke, Ludwig T., and B. H. Mosbacher, Rockford, Ill., assignors to Sundstrand Machine Tool Co. Gyratory valve for hydraulic pumps or motors. 2,579,879, Dec. 25.
Stoz, Ottmar, Evanston, Ill. Shoe cleaning apparatus. 2,565,894, Aug. 28.
Straatman, Alphons G. H., The Hague, Netherlands, assignor to Shell Development Company, San Francisco, Calif. Drilling weight control system. 2,566,812, Sept. 4.
Strachan, Alexander W., administrator: *See*—
Henry, William M.
Strachan, Robert M., Cranberry Lake, British Columbia, Canada. Oscillatory metering chamber dispenser for small containers. 2,539,283, Jan. 23.
Strafford, Frederick R. W., assignor to A. C. Cossor Limited, London, England. Radio distance measurement. 2,553,018, May 15.
Strahan, Robert S., Watertown, Mass. Super-heater for furnaces and the like. 2,567,452, Sept. 11.
Strahm, Frederic E. M., administrator: *See*—
Delor, Gaston C.
Strahman, Dietrick: *See*—
Jaegle, William C., and Strahman.
Straight, Halver R., Adel, Iowa. Apparatus for solvent extraction of oil from seeds. 2,550,947, May 1.
Straight, James W., Ely, Nev. Combination anvil and shield. 2,577,382, Dec. 4.
Strain, Daniel E., asignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Textile size containing polymethacrylic acid, a polymethacrylic acid salt, and a wetting agent. 2,566,149, Aug. 28.
Strain, Franklin, Norton Center, Ohio, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Stable chlorinated melamine composition. 2,578,270, Dec. 11.
Strain, George H., Seaford, England. Screening apparatus. 2,575,143, Nov. 13.
Strain, Robert M.: *See*—
Lynch, William E., and Strain.
Straith, Claire L., Detroit, Mich., assignor to V. S. Jeffries, R. E. Straith, D. S. Diefenbach, and W. M. Straith. Automobile crash pad. 2,560,009, July 10.
Straith, Richard E., assignee: *See*—
Straith, Claire L.
Straith, William M., assignee: *See*—
Straith, Claire L.
Straka, Cyril J.: *See*—
Wachter, Joseph J., and Straka.
Weltman, William C., and Straka.
Straley, James M., and C. W. Wayman, Kingsport, Tenn., assignors to Eastman Kodak Company, Rochester, N. Y. Preparing polycarboxylated naphthalene derivatives. 2,578,759, Dec. 18.
Stranberg, Don F., Libertyville, assignor to C. L. Conroy, Waukegan, and W. Fritsch, Libertyville, Ill. Self-sealing releasable coupling. Re. 23,365, May 15.
Strand Electric and Engineering Company Limited, The, assignee: *See*—
Wood, James T.
Strand, Oscar L.: *See*—
Whittlesey, Leonard D., and Strand.
Strand, Steen, Milwaukee, assignor to The Fulton Company, West Allis, Wis. Trailer tongue stand. 2,571,390, Oct. 16.
Strandberg, Edwin J., Deadwood, S. Dak. Sanding and polishing attachment for electric handsaw supporting and driving units. 2,544,810, Mar. 13.
Strandberg, Edwin J., Deadwood, S. Dak. Pushing implement. 2,550,096, Apr. 24.
Strandberg, Edwin J., Deadwood, S. Dak. Planer attachment for portable power sources. 2,562,832, July 31.
Strandberg, Malcom W. P., Cambridge, Mass., assignor, by mesne assignments, to the United States of America as represented by the Secretary of the Navy. Squeezable wave guide for line stretching. 2,543,425, Feb. 27.
Strandberg, Per P. S. B., assignor to Aktiebolaget Electrolux, Stockholm, Sweden. Absorption refrigeration. 2,538,058, Jan. 16.

Strandrud, Halvor T., Portland, Oreg., assignor to the United States of America as represented by the Secretary of the Interior. Stabilized negative impedance circuit. 2,557,154, June 19.
Strandskov, Frede B.: *See*—
Marks, Henry C., and Strandskov.
Strang, John M.: *See*—
French, James W., Strang, and Macgill.
Strang, Leslie C., Sunbury-on-Thames, assignor to Anglo-Iranian Oil Company Limited, London, England. Refining of hydrocarbons. 2,567,252, Sept. 11.
Strange, Charles H., assignor to E. L. Strange, White Plains, N. Y. Switch for kilns or ovens. 2,555,864, June 5.
Strange, Elsa L., assignee: *See*—
Strange, Charles H.
Strange, John H., Hammond, and H. M. Grubb, Highland, Ind., assignors to Standard Oil Company, Chicago, Ill. Apparatus for pressure measurement. 2,567,253, Sept. 11.
Strange, John P., Jr.: *See*—
Frieders, Robert T., and Strange.
Strange, John, Pail Company, assignee: *See*—
Frieders, Robert T., and Strange.
Strange, William E., Brandon, Manitoba, Canada. Magazine type hot-air furnace. 2,572,674, Oct. 23.
Strashun, Sumner I., El Cerrito, Calif., assignor to the United States of America as represented by the Secretary of Agriculture. Drying of fruit or vegetable materials. 2,557,155, June 19.
Strassburger, Julius H., Steubenville, Ohio, assignor to National Steel Corporation. Method of and apparatus for regulating blast furnace top temperature. 2,549,720, Apr. 17.
Strasser, Hans, Penkhull, Stoke-on-Trent, England. Fixing of handles and other fittings to pottery articles. 2,537,922, Jan. 9.
Strasser, Richard C.: *See*—
Rothwell, John J., and Strasser.
Strassner, Frank J.: *See*—
Elderkin, James K., and Strassner.
Stratfield Company, The, assignee: *See*—
Logie, Thomas T.
Stratford Engineering Corporation, assignee: *See*—
Putney, David H.
Stratford Pen Corporation, assignee: *See*—
Metzler, Charles L., and Bowen.
Stratford, William M., assignor to The Texas Company, New York, N. Y. Prospecting. 2,562,962, Aug. 7.
Stratford, William M., New York, and C. F. Teichmann, Mount Vernon, N. Y., and G. Herzog, Houston, Tex., assignors to The Texas Company, New York, N. Y. Prospecting. 2,562,961, Aug. 7.
Strathmore Paper Company, assignee: *See*—
Davidson, Paul B.
Strating, Jan, Groningen, Netherlands, assignor to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Preparing thiosterols. 2,549,991, Apr. 24.
Stratton, Archie T., Cleveland, Ohio. Barrel upending device. 2,553,283, May 15.
Stratton, Arthur J.: *See*—
Lane, Frank W., and Stratton.
Stratton, Charles H., Phillipsburg, N. J., assignor to General Aniline & Film Corporation, New York, N. Y. Azo dyeing process. 2,563,381, Aug. 7.
Stratton, Charles H., Phillipsburg, N. J., assignor to General Aniline & Film Corporation, New York, N. Y. Azo dyeing process for cellulose fibers. 2,571,990, Oct. 16.
Stratton, Edgar H.: *See*—
Ward, John S., Johnson, Trishman, and Stratton.
Stratton, Frank E., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Pulling over machine. 2,536,104. Jan. 2.
Stratton, Harry E., Chelmsford, assignor to H. E. Fletcher Company, West Chelmsford, Mass. Wire saw apparatus. 2,577,545, Dec. 4.
Stratton, Jerry L., Schenectady, N. Y., assignor to General Electric Company. Electronic voltage regulator. 2,569,204. Sept. 25.
Stratton, Verlin K., and D. A. McClellen, assignors to Alva Allen, North English, Iowa. Trailer hitch assembly. 2,545,119, Mar. 13.
Stråtveit, Nils N., Oslo, Norway. Rotary machine. 2,538,598, Jan. 16.
Straub, F. A., Equipment Co., assignee: *See*—
Straub, Frederick A.
Straub, Frederick A., assignor to F. A. Straub Equipment Co., Los Angeles, Calif. Clutch lever booster. 2,544,811, Mar. 13.
Straub, Fritz, Kaiseraugst, J. Brassel, and P. Pieth, Basel, Switzerland, assignors to Ciba Limited. Disazo dyestuff. 2,557,057, June 12.
Straub, Fritz, Kaiseraugst, J. Brassel, and P. Pieth, assignors to Ciba Limited, Basel, Switzerland. Making disazo dyestuffs. 2,567,828, Sept. 11.
Strauchen, David M., and M. Garvin, assignors to The Cincinnati Milling Machine Co., Cincinnati, Ohio. Automatic heat-treating machine. 2,555,517, June 5.
Straus, Henry A., Brookline, I. A. Getting, Belmont, and L. J. Chu, Cambridge, Mass., assignors, by mesne assignments, to the United States of America as represented by the Secretary of the Navy. Antenna system of variable directivity and high resolution. 2,549,721, Apr. 17.
Strauss, Frank A.: *See*—
Barsky, George, and Strauss.
Strauss, Jerome, assignor to Vanadium Corporation of America, New York, N. Y. Composition for addition to cast iron or steel. 2,555,014, May 29.
Strauss, Michael J., Cleveland, Ohio. Bag valve. 2,573,230, Oct 30.
Strauss, Orville L., La Porte, Ind., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Web folding machine. 2,540,844, Feb. 6.
Strauss, Theodore O., New York, N. Y. Centering device. 2,567,498, Sept. 11.
Strauss, William I.: *See*—
Knox, Peter S., Jr., and Strauss.
Straw, Jesse H.: *See*—
Polk, Albert F., and Straw.
Strawinski, Jay F., Philadelphia, Pa. Laminating polyvinyl alcohol film to paper and product. 2,546,705, Mar. 27.
Strawinski, Raymond J., Long Beach, Calif., assignor to Texaco Development Corporation, New York, N. Y. Purification of substances by microbial action. 2,574,070, Nov. 6.
Strawn, Orval R., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Pulverizer having a two-part housing. 2,554,071, May 22.
Strawn, Orval R., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Mechanism to prevent jouncing in mechanical vibrating screens and the like. 2,571,391, Oct. 16.
Strawn, Orval R., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Parallel motion roll crusher. 2,579,767, Dec. 25.
Stray, William J.: *See*—
Barnard, Roy M., and Stray.
Strecker, Herman A.: *See*—
Kimball, Charles N., Lewis, and Strecker.
Streed, Clifford E., Minneapolis, Minn. Animal trap. 2,564,134, Aug. 14.
Street, Donald T., Brighton, assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Corneal sighting gauge for trial frames. 2,547,348, Apr. 3.
Street, John N., and R. F. Dunbrook, assignors to The Firestone Tire & Rubber Company, Akron, Ohio. Continuous polymerization of butadiene and styrene. 2,560,027, July 10.
Street, Kenneth, Jr., Berkeley, Calif., assignor to the United States of America as represented by the United States Atomic Energy Commission. Zirconium-hafnium separation process. 2,546,953, Mar. 27.
Streeter-Amet Company, assignee: *See*—
Mayer, Harry.
Roeser, Harry M.
Streeter, Marius M., Cherokee, Iowa. Adjustable ladder jack and scaffold. 2,577,286, Dec. 4.
Streety, Walter B., and C. R. Guinn, Konawa, Okla. Automatic cutoff valve for tanks. 2,542,591, Feb. 20.
Stregack, Boris M., Brooklyn, N. Y. Invisibly hinged handbag frame. 2,578,612, Dec. 11.
Streid, Dale D., Oak Ridge, Tenn., and C. R. Garbett, Los Gatos, Calif., assignors to General Electric Company. Liquid fuel supply system for thermal power plants. 2,552,231, May 8.
Streifthau, Edgar, Middletown, Ohio. Hub. 2,568,834, Sept. 25.
Streit, František: *See*—
Roučka, Erich, and Streit.
Streitz, George A., assignee: *See*—
Brown, Earl E.
Streller, Wolfgang O., assignor to St. Regis Paper Company, New York, N. Y. Bag closure. 2,539,799, Jan. 30.
Strelzoff, Samuel: *See*—
McGauley, Patrick J., Roberts, and Strelzoff.
Strelzoff, Samuel, assignor to Chemical Construction Corporation, New York, N. Y. Manufacture of ammonium nitrate. 2,551,569, May 1.
Streng, Jan, Redding, Conn., assignor to Remington Rand Inc., New York, N. Y. Electric dry shaver. 2,561,241, July 17.
Stresen-Reuter, John H., Golf, Ill., assignor, by mesne assignments, to Niles-Bement-Pond Company, West Hartford, Conn. Carburetor. 2,565,329, Aug. 21.
Streuber, Rudolf G., West Rockport, Maine, assignor to Research Corporation, New York, N. Y. System for energizing electrical precipitators. 2,552,069, May 8.
Streuber, Rudolf G., West Rockport, Maine, assignor to Research Corporation, New York, N. Y. Device for rectifying alternating current. 2,565,005, Aug. 21.
Streuber, Rudolf G., West Rockport, Maine, assignor to Research Corporation, New York, N. Y. Rectifier system for energizing electrical precipitators. 2,566,073, Aug. 28.
Streun, John A., assignor to Hardwicke-Etter Company, Sherman, Tex. Moting apparatus. 2,536,780, Jan. 2.
Streun, John A., assignort to Harwicke-Etter Company, Sherman, Tex. Apparatus for cleaning cotton. 2,536,781, Jan. 2.

Streyckmans, Hector J., Bronx, assignor to L. C. Krazinski, New York, N. Y. Buckle. 2,553,390, May 15.
Strezoff, Bogoia, Minneapolis, Minn. Hot-water bottle heating element. 2,548,076, Apr. 10.
Strezynski, George J., Chicago, Ill., assignor to The De Laval Separator Company, New York, N. Y. Method and apparatus for treating mixtures to make or break emulsions. 2,572,287, Oct. 23.
Strezynski, George J., Poughkeepsie, assignor to The De Laval Separator Company, New York, N. Y. Producing heavy curd. 2,574,508, Nov. 13.
Striano, Frank J., Los Angeles, Calif. Fishing rod wrapping machine. 2,556,827, June 12.
Stribling, Stiles C., Jr., Moorestown, N. J., assignor to Radio Corporation of America. Paralleled amplifier circuits. 2,546,837, Mar. 27.
Stribling, Stiles C., Jr., Moorestown, N. J., assignor to Radio Corporation of America. System for indicating phase relationship between two sources of alternating voltage. 2,556,119, June 5.
Stribling, Stiles C., Jr., Haddonfield, W. T. Douglas, Jr., Oaklyn, and F. E. Talmage, Westmont, N. J., assignors to Radio Corporation of America. Complex signal measuring. 2,579,160, Dec. 18.
Strickland, Allard D., Gallivants Ferry, assignor to J. D. Duncan, Loris, S. C. Oil burning stove for drying tobacco. 2,547,841, Apr. 3.
Strickland, Barney R., and B. M. Vanderbilt, Westfield, N. J., assignors to Standard Oil Development Company. Treating unstable cracked hydrocarbons. 2,552,351, May 8.
Strickland, Harold A., Jr., Detroit, Mich., assignor, by mesne assignments, to The Ohio Crankshaft Company, Cleveland, Ohio. Feed mechanism for induction heating apparatus. 2,538,807, Jan. 23.
Strickland, Harold A., Jr., Detroit, Mich., assignor, by mesne assignments, to The Ohio Crankshaft Company, Cleveland, Ohio. Control system for induction-heating apparatus. 2,541,123, Feb. 13.
Strickland, Harold A., Jr., Detroit, Mich., assignor, by mesne assignments, to The Ohio Crankshaft Company, Cleveland, Ohio. Induction heating apparatus for heating surface apertured workpieces. 2,541,124, Feb. 13.
Strickland, Harold A., Jr., Detroit, Mich., assignor, by mesne assignments, to The Ohio Crankshaft Company, Cleveland, Ohio. Work expulsion mechanism for furnaces. 2,556,234, June 12.
Strickland, Harold A., Jr., Detroit, Mich., assignor, by mesne assignments, to The Ohio Crankshaft Company, Cleveland, Ohio. Electrical connector for fluid cooled transformer windings. 2,556,235, June 12.
Strickland, Harold A., Jr., Detroit, Mich., assignor, by mesne assignments, to The Ohio Crankshaft Company, Cleveland, Ohio. Heat-treating method and product. 2,556,326, June 12.
Strickland, Harold A., Jr., Detroit, Mich., assignor, by mesne assignments, to The Ohio Crankshaft Company, Cleveland, Ohio. Workpiece support and guide for induction heating furnaces. 2,563,883, Aug. 14.
Strickland, Harold A., Jr., Detroit, Mich., assignor, by mesne assignments, to The Ohio Crankshaft Company, Cleveland, Ohio. Transformer. 2,577,825, Dec. 11.
Strickland, Harold A., Jr., Detroit, Mich., assignor, by mesne assignments, to The Ohio Crankshaft Company, Cleveland, Ohio. Electric furnace and stock feeding means therefor. 2,578,760, Dec. 18.
Strickland, Harold A., Jr., Detroit, Mich., assignor, by mesne assignments, to The Ohio Crankshaft Company, Cleveland, Ohio. Transformer construction. 2,579,522, Dec. 25.
Strickland, Harold A., Jr., and D. W. Riddell, Detroit, Mich., assignors, by mesne assignments, to The Ohio Crankshaft Company, Cleveland, Ohio. Electric furnace and feeding means and the controls therefor. 2,572,073, Oct. 23.
Strickland, Royce M., New Haven, Conn., assignor, by mesne assignments, to Greenfield Tap and Die Corporation, Greenfield, Mass. Thread-cutting tool with retirable chasers. 2,549,543, Apr. 17.
Strickland, Royce M., New Haven, Conn., assignor, by mesne assignments, to Greenfield Tap and Die Corporation, Greenfield, Mass. Self-opening die head. 2,556,742, June 12.
Strickland, Royce M., New Haven, Conn., assignor, by mesne assignments, to Greenfield Tap and Die Corporation, Greenfield, Mass. Thread-cutting tool with automatically-retirable chaser. 2,557,040, June 12.
Strickland, Royce M., New Haven, and J. V. Arvidson, West Haven, Conn., assignors, by mesne assignments, to Greenfield Tap and Die Corporation, Greenfield, Mass. Producing thread-cutting chasers. 2,536,864, Jan. 2.
Strickler, Allen: *See*—
Teeple, John H., and Strickler.
Strickler, John C., San Francisco, Calif., assignor to American Can Company, New York, N. Y. Magnetic stacking and packaging machine for cans. 2,544,735, Mar. 13.
Strickler, Walter B.: *See*—
Giroud, Henry A., Irwin, Kille, Retallack, Riggs, and Strickler.
McKim, Burton, and Strickler.
Strickman, Samuel W., Kew Gardens, N. Y., assignor of one-fourth to C. E. Bloom, Glen Ridge, N. J. and one-fourth to H. C. Bierman, New Rochelle, N. Y. Bucky grid and making same. 2,566,998, Sept. 4.
Strike, George N., Los Angeles, Calif. Moisture-extracting hydraulic press. 2,549,344, Apr. 17.
Strike, Louis N., assignee: *See*—
Pearson, Otto H.
Strike, Louis N., Salt Lake City, Utah. Hold-down lock for pressing heads. 2,556,009, June 5.
Striker, George O., Chicago, assignor to Zenith Radio Corporation. Coded-sound, television receiver. 2,551,068, May 1.
Striker, Walter D., Cicero, Ill. Paper fastener. 2,570,166, Oct. 2.
Strimple, J. A., Company, Inc., assignee: *See*—
Strimple, John A., and Johnson.
Strimple, John A., Janesville, and L. M. Johnson, Fond du Lac, assignors to J. A. Strimple Company, Inc., Janesville, Wis. Centrifugal self-energizing clutch. 2,552,747, May 15.
Stringer, Orval A., Orlando, Fla. Inner wall fogging gun. 2,577,437, Dec. 4.
Stringer, Watson A., Pontiac, Mich. Golf club carrier. 2,571,392, Oct. 16.
Stringfield, Luther T., assignor of forty-nine per cent to T. T. Stringfield, Austin, Tex. Cold pipe bender. 2,557,579, June 19.
Stringfield, Tate T., assignee: *See*—
Stringfield, Luther T.
Stritter, Karl A., Nahant, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Shoe with upper having locating and lasting tabs. 2,538,170, Jan. 16.
Stritter, Karl A., Nahant, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Manufacture of slip lasted shoes. 2,550,881, May 1.
Stritter, Karl A., Nahant, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Slip lasted shoe and making the same. 2,554,159, May 22.
Strobel, Albert F.: *See*—
Grimmel, Harry W., and Strobel.
Strobel, Albert F., Phillipsburg, and W. W. Williams, Easton, Pa., assignors to General Aniline & Film Corporation, New York, N. Y. Gas fading inhibitors for cellulose derivative dyes. 2,539,212, Jan. 23.
Strobel, Charles K., Pittsburgh, assignor to Robertshaw-Fulton Controls Company, Greensburg, Pa. Ignition and automatic pilot control for fuel burners. 2,564,863, Aug. 21.
Strobel, Charles K., Pittsburgh, assignor to Robertshaw-Fulton Controls Company, Youngwood, Pa. Temperature control system for heating apparatus. 2,575,078, Nov. 13.
Strobel, Howard M., New York, N. Y. De-ion circuit breaker. 2,564,178, Aug. 14.
Strobel, John R., assignor to Baldwin Rubber Company, Pontiac, Mich. Extruding apparatus. 2,562,135, July 24.
Strobo Research, assignee: *See*—
Farber, Edward R.
Strobosch, Jan, assignor to Talens & Zoon N. V., Apeldoorn, Netherlands. Machine for testing the quality of carbon paper, inking ribbons, and the like. 2,560,010, July 10.
Stroh, Emerson L.: *See*—
Long, John R., and Stroh.
Strohacker, Russell C.: *See*—
Fox, Earl C., and Strohacker.
Strohm, Charles, Laurelton, assignor, by mesne assignments, to American Machine and Metal, Inc., New York, N. Y. Chart plate for instrument cases. 2,550,618, Apr. 24.
Strohm, Herbert C.: *See*—
Englund, Edwin H. L., and Strohm.
Strohmeier, Clem A., Cleveland, Ohio, assignor of one-third to A. J. Rose and two-thirds to M. Rose. Gun for dispensing plastic material. 2,547,179, Apr. 3.
Stroke, Frederick G.: *See*—
Hitchens, Aaron L., and Stroke.
Strom, H. G., assignee: *See*—
Billings, William P.
Strom, Hans, Villa Park, Ill. Shoe stretcher. 2,574,940, Nov. 13.
Strom, William H., Minneapolis, Minn. Vaporizing oil burner. 2,571,629, Oct. 16.
Stroman, Jack L., Itasca, assignor to The Petersen Oven Company, Chicago, Ill. Reverberatory furnace. 2,562,441, July 31.
Strömberg, Bror W., Stockholm, Sweden. Level indicator for liquid-containing vessels. 2,556,346, June 12.
Stromberg-Carlson (Australasia) Proprietary Limited, assignee: *See*—
Solness, Tuomo T.
Stromberg-Carlson Company, assignee: *See*—
Bowes, Henry N.
Bruckart, Harry M.
Codd, William A.
Confeld, James D.
De Mers, Edward F.
Dodd, Francis L.
Droel, Louis W.
Enslein, Kurt.
Gardner, Frederick H.

Stromberg-Carlson Company, assignee: *See*—Continued.
Gleason, Howard S.
Goldberg, Harold, and Miller.
Green, Harry J., Jr.
Holbrook, Ralph O.
Holmes, Lynn C., and Clark.
Jacobsson, Stig F., and Van Almelo.
Jones, Roy W.
Kessler, Frank.
Krumhansl, James A., and Miller.
Morris, Frank A.
Powell, Winfred T.
Slaymaker, Frank H.
Slaymaker, Frank H., and Meeker.
Slaymaker, Frank H., Meeker, and Merrill.
Stewart, James R.
Stutt, Charles A.
Trousdale, Robert B.
Van Almelo, Fred K.

Stromberg, Roland W., assignor to C. A. Whitebone, San Francisco, Calif. Automobile spare wheel assembly. 2,553,686, May 22.

Stromeier, Alfred H.: *See*—
Shugart, Ralph L., and Stromeier.

Stromer, George, New Buffalo, Mich. Fresh flower holder. 2,567,583, Sept. 11.

Strommen, Einar A., Merrick, assignor to Dictograph Products Company, Inc., New York, N. Y. Radio tuner for hearing aid apparatus. 2,549,259, Apr. 17.

Strong, Charles E.: *See*—
Earp, Charles W., and Strong.

Strong, Charles E., London, England, assignor to International Standard Electric Corporation, New York, N. Y. Radio navigation system. 2,541,125, Feb. 13.

Strong, Earl G., Milan, Ohio. Ball return means for bowling alleys. 2,566,379, Sept. 4.

Strong Electric Corporation, The, assignee: *See*—
Corl, Robert M.

Strong, Herbert M.: *See*—
Bundy, Francis P., and Strong.
Bundy, Francis P., Strong, and Gregg.

Strong, James S.: *See*—
Kincaid, John F., and Strong.

Strong, John D., Baltimore, Md., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Measuring the optical properties of films. 2,547,545, Apr. 3.

Strong, John D., Baltimore, Md. Ruling engine. 2,575,367, Nov. 20.

Strong, Milton H.: *See*—
Le Febvre, Alfred L., and Strong.
Le Febvre, Alfred L., Strong, and Gatting.

Strong, Stanley N., Milwaukee, assignor to Rajo Motor Company, Racine, Wis. Hopper for planter with bottom discharge opening having rotary dispenser in said opening and conveying rollers and ejectors near said dispenser. 2,562,070, July 24.

Strong Steam Specialty Mfg. Co., assignee: *See*—
Clark, Theodore W., and Maltbie.

Strong, Walter J., Cuyahoga Falls, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Apparatus for splicing cushion tires. 2,565,703, Aug. 28.

Stroop, David V., Glenbrook, Conn. Holder for coins and similar articles. 2,571,073, Oct. 9.

Stroop, John H., New York, N. Y., assignor to Specialties Development Corporation, Belleville, N. J. Indicator. 2,548,750, Apr. 10.

Stroop, John H., New York, N. Y., assignor to Specialties Development Corporation, Belleville, N. J. Portable fire extinguisher. 2,562,963, Aug. 7.

Stroop, John H., New York, N. Y., assignor to Specialties Development Corporation, Belleville, N. J. Fire extinguisher and discharge directing means therefor. 2,565,532, Aug. 28.

Strosacker, Charles J., and F. C. Amstutz, assignors to The Dow Chemical Company, Midland, Mich. Manufacture of chloro-olefins. 2,543,648, Feb. 27.

Stross, Fred H.: *See*—
Deahl, Thomas J., Stross, and Taylor.

Stross, Fred H., Berkeley, assignor to Shell Development Company, San Francisco, Calif. Lubricants. 2,554,222, May 22.

Strother, Fred P., Riverside, Conn., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Spin axis control means for gyroscopic instruments. 2,551,069, May 1.

Strother, Robert H., Brooklyn, assignor to Remington Rand Inc., New York, N. Y. Adapting decimal accumulators to nondecimal systems of notation. 2,557,804, June 19.

Stroud, Nolan A., Abilene, Tex. Rung anchor for ladders. 2,570,730, Oct. 9.

Stroup, Charles L., Oak Park, Ill. High-voltage switch. 2,543,712, Feb. 27.

Stroup, Howard R., Artesia, N. Mex. Leveling and scraping apparatus with level maintaining hitch. 2,569,835, Oct. 2.

Stroup, Walter W., Union, and J. J. Faber, Endicott, N. Y. Trolling and casting plug. 2,538,171, Jan. 16.

Stroup, William B., Indianapolis, Ind. Shoe construction. 2,539,557, Jan. 30.

Strub, René, La Chaux-de-Fonds, assignor to Sulzer Freres, Societe Anonyme, Winterthur, Switzerland. Gas turbine plant. 2,544,941, Mar. 13.

Struck, George R.: *See*—
Uhle, Otto D., Dietz, and Struck.

Strun, Charles, Midway City, Calif. Child's counter tray. 2,558,323, June 26.

Strunk, Edward: *See*—
Rehrig, Alexander R., and Strunk.

Strunk, Edward, Phillips, Tex., assignor to Phillips Petroleum Company. Internal insulation of vessels. 2,538,059, Jan. 16.

Strunk, Edward, Phillips, Tex., assignor to Phillips Petroleum Company. Heater for gases or vapors. 2,554,130, May 22.

Strunk, Edward, and L. H. Vautrain, Sweeny, Tex., assignors to Phillips Petroleum Company. Spent catalyst stripper for fluidized catalytic cracking process. 2,554,426, May 22.

Strunk, Harry E., Berkeley, Calif. Nut-holding socket wrench. 2,566,257, Aug. 28.

Struthers Wells Corporation, assignee: *See*—
Long, Charles A.

Strutt, Maximiliaan J. O., and A. van der Ziel, Eindhoven, Netherlands, assignors to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. High-frequency amplifier, including a velocity modulation tube. 2,547,235, Apr. 3.

Strutt, Maximiliaan J. O., K. S. Knol, and A. van der Ziel, Eindhoven, Netherlands, assignors to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Magnetron oscillator. 2,548,567, Apr. 10.

Strutt, Maximiliaan J. O., and A. van der Ziel, Eindhoven, Netherlands, assignors, by mesne assignments, to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Amplifying system for ultra high frequencies. 2,549,992, Apr. 24.

Strutt, Maximiliaan J. O., Eindhoven, Netherlands, assignor to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Mixing circuit employing compensation for electron stream induction effect. 2,577,489, Dec. 4.

Struve, Steve L., Levelland, and N. O. Welch, Friona, Tex. Home pasteurizer with removable inner receptacle and sealing means therefor. 2,569,958, Oct. 2.

Stryker, Albert R., Lawrenceburg, Ind. Ditch digging machine with warning device. 2,561,152, July 17.

Stryker, Carleton E., Glendale, Calif., assignor to Bendix Aviation Corporation, South Bend, Ind. Pressure booster and control valve therefor. 2,569,028, Sept. 25.

Stryker, George H., assignor to Lanston Monotype Machine Company, Philadelphia, Pa. Typographic mold. 2,557,705, June 19.

Strykower, Joel R., Philadelphia, Pa. Article carrying lanyard. 2,572,889, Oct. 30.

Stryzakoski, Raymond, and J. Cartabellatto, New York, N. Y. Single-lever water control. 2,575,305, Nov. 13.

Stuant, Martin, Des Plaines, Ill. Dental hand piece. 2,538,923, Jan. 23.

Stuart, Archibald P.: *See*—
Johnson, Herbert L., and Stuart.

Stuart, Elizabeth R. B., assignee: *See*—
Stuart, Kimberly.
Stuart, Kimberly, and Wilson.

Stuart, Fred E., Baltimore, Md., assignor to The Commonwealth Engineering Company of Ohio, Dayton, Ohio. Windshield sprayer. 2,576,198, Nov. 27.

Stuart, Herbert A., assignee: *See*—
Westerfors, Erick A.

Stuart, Joseph III, and W. D. Berkley, Dayton, Ohio, assignors to General Motors Corporation, Detroit, Mich. Anti-icing of variable pitch propeller. 2,553,218, May 15.

Stuart, Kenneth B., Denver, Colo., assignor to The Colorado Fuel & Iron Corporation. Two-stage continuous carbonization-activation process. 2,536,105, Jan. 2.

Stuart, Kenneth B., Denver, Colo., assignor to The Colorado Fuel & Iron Corporation. Apparatus for producing activated carbon. 2,536,106, Jan. 2.

Stuart, Kenneth B., Denver, Colo., assignor to The Colorado Fuel & Iron Corporation. Two-stage continuous carbonization activation process. 2,536,782, Jan. 2.

Stuart, Kenneth B., Denver, Colo., assignor to The Colorado Fuel & Iron Corporation. Apparatus for producing activated carbon. 2,536,783, Jan. 2.

Stuart, Kenneth E., and S. G. Osborne, Niagara Falls, N. Y., assignors to the United States of America as represented by the United States Atomic Energy Commission. Electrolytic cell. 2,544,285, Mar. 6.

Stuart, Kimberly, assignor of one-half to E. R. B. Stuart, Menasha, Wis. Vertical axis beading. 2,574,509, Nov. 13.

Stuart, Kimberly, Menasha, Wis., and A. B. Wilson, Evanston, Ill.; said Wilson assignor, by mesne assignments, to E. R. B. Stuart, Menasha, Wis. Container. 2,555,380, June 5.

Stuart, Robert W.: *See*—
Silverman, Daniel, and Stuart.

Stubblebine, Warren, assignor to Armstrong Cork Company, Lancaster, Pa. Floor and wall covering. 2,552,600, May 15.

Stubblebine, Warren, assignor to Armstrong Cork Company, Lancaster, Pa. Linoleum compositions. 2,561,427, July 24.

Stubbs, Everard: *See*—
Flint, Thomas, and Stubbs.
Stubbs, George, Los Angeles, Calif. Pessary. 2,574,767, Nov. 13.
Stuber, Walter J., Philadelphia, Pa., and A. Weisselberg, Leonia, N. J., assignors to Carey-McFall Company, Philadelphia, Pa. Venetian blind ladder. 2,537,865, Jan. 9.
Stuber, Walter J., and J. J. Di Ienno, assignors to Carey-McFall Company, Philadelphia, Pa. Venetian blind. 2,580,252, Dec. 25.
Stuber, Walter J., and J. J. Di Ienno, assignors to Carey-McFall Company, Philadelphia, Pa. Venetian blind tilt mechanism with cord repositioning feature. 2,580,253, Dec. 25.
Stuchlik, René E. F., Villeurbanne, assignor to Societe Rhodiaceta, Paris, France. Solution of a conjoint polymer of vinylidene chloride and ethyl acrylate. 2,545,317, Mar. 13.
Stuck, Harold D., Andover, assignor to John W. Bolton & Sons, Inc., Lawrence, Mass. Making linings for Jordan engines. 2,561,999, July 24.
Stucker, Joseph B., Des Plaines, assignor to The Pure Oil Company, Chicago, Ill. Mineral oil lubricant containing sulfurized and phosphorized propylene and butylene glycol esters of oleic acid. 2,541,789, Feb. 13.
Stucker, Joseph B., Oak Park, assignor to The Pure Oil Company, Chicago, Ill. Mineral oil lubricant containing phosphorized and sulfurized glyceryl trioleate. 2,542,161, Feb. 20.
Stuckert, Felix J., Wauwatosa, assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Block for internal-combustion engines. 2,573,116, Oct. 30.
Stuckey, Samuel G., Farmington, assignor to F. J. Essner, St. Louis, Mo. Paddle. 2,543,879, Mar. 6.
Stuckey, Warren A., M. Gregurich, and F. Tomasich, assignors to The Conlon-Moore Corporation, Joliet, Ill. Smokeless solid fuel heater with air-cooled cast metal secondary air conduit. 2,579,213, Dec. 18.
Stuckler, Fred, Paterson, N. J. Abrading shoe leather. 2,545,392, Mar. 13.
Studders, Robert J., Schenectady, N. Y., assignor to General Electric Company. Sintered anisotropic Alnico magnet. 2,546,047, Mar. 20.
Studebaker Corporation, The, assignee: *See*—
Churchill, Harold E.
Hezler, Julius, Jr.
Horton, Winthrop S.
Kammeraad, Raymond.
Sparrow, Stanwood W.
Studebaker, Merton L., Bartlesville, Okla., assignor to Phillips Petroleum Company. Treatment of carbon black. 2,538,482, Jan. 16.
Studeny, John: *See*—
Landes, Chester G., and Studeny.
Studeny, John, Erie, Pa., J. D. Pollard, Baltimore, Md., and C. G. Landes, New Canaan, Conn., assignors to American Cyanamid Company, New York, N. Y. Permanent paper and making same. 2,539,558, Jan. 30.
Studeny, John, Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Starch composition. 2,566,861, Sept. 4.
Studeny, John, Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Starch composition. 2,566,862, Sept. 4.
Studer, André, Basel, Switzerland, assignor to Hoffmann-La Roche Inc., Nutley, N. J. Thromboplastic preparation. 2,541,676, Feb. 13.
Studer, André, Basil, Switzerland, assignor to Hoffmann-La Roche Inc., Nutley, N. J. Undenatured gelatin hemostatic sponge containing thrombin. 2,558,395, June 26.
Studer, Siegfried: *See*—
Hartmann, Max, and Studer.
Studley, Clarence K., Jr., Berkeley, Calif., assignor to Marchant Calculating Machine Company. Decimal indicator. 2,567,133, Sept. 4.
Stue, Tryggve B., Oslo, Norway. Package. 2,579,880, Dec. 25.
Stueland, Harold M., East Moline, assignor to Deere & Company, Moline, Ill. Clutch and brake mechanism. 2,537,557, Jan. 9.
Stueland, Harold M., East Moline, assignor to Deere & Company, Moline, Ill. Vehicle body and axle construction. 2,553,687, May 22.
Stueland, Harold M., East Moline, assignor to Deere & Company, Moline, Ill. Adjustable eccentric. 2,568,937, Sept. 25.
Stueland, Lafe, Alameda, Calif. Fluorescent lamp changing tool. 2,562,071, July 24.
Stuer, Joseph, Lawrence, Mass. Automatic electric transfer fancy loom. 2,576,244, Nov. 27.
Stuhlreyer, Anthony H.: *See*—
Huser, Richard J., and Stuhlreyer.
Stuivenberg, Cornelis H., Haarlem, Netherlands. Printing machine controlled by symbol cards. 2,567,134, Sept. 4.
Stuk-O-Rite, Inc., assignee: *See*—
Hale, Loren.
Stukenborg, Louis C., assignor of one-half to Hobson Vandiver, Memphis, Tenn. Plant chopper head. 2,545,318, Mar. 13.
Stulce, William L., Harrison, Tenn. Hive cover with built-in top entrance. 2,578,103, Dec. 11.
Stull, Emerson B., Sebree, Ky., assignor, by mesne assignments, to Stull's Chemicals, Inc. Brush and shrub killer. 2,557,618, June 19, 1951.
Stull, John S., Chicago, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Apparatus for feeding and cutting coiled material. 2,568,775, Sept. 25.
Stull, John S., Chicago, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Apparatus for forming and assembling parts. 2,568,776, Sept. 25.
Stull, Paul, Marion, Ohio. Electric fence and control system therefor. 2,538,172, Jan. 16.
Stuller, Earl A., Dixon, Ill., assignor to Columbus McKinnon Chain Corporation, Tonawanda, N. Y. Tire chain link. 2,562,964, Aug. 7.
Stull's Chemicals, Inc., assignee: *See*—
Stull, Emerson B.
Stulpin, Edward I., and W. R. Hajdyla, Detroit, Mich. Door lock mechanism. 2,547,546, Apr. 3.
Stulz, Charles, Strasbourg, France. High-voltage oil circuit breaker. 2,572,406, Oct. 23.
Stumbock, Max J., South Orange, and R. Bayes, Basking Ridge, assignors to Baker & Company, Inc., Newark, N. J. Spark plug electrode. 2,545,438, Mar. 20.
Stump, James E., Grand Junction, Colo. Pivoted lever jar cap remover. 2,548,634, Apr. 10.
Stump, Orville R., Long Beach, and A. W. Titus, Whittier, Calif. Control valve for deep wells. 2,545,175, Mar. 13.
Stupakoff Ceramic & Manufacturing Company, assignee: *See*—
Eusner, George R.
Stupakoff, Semon H.
Stupakoff, Semon H., assignor to Stupakoff Ceramic & Manufacturing Co., Latrobe, Pa. Electrical condenser. 2,552,653, May 15.
Sturdevant, Lyn E., assignor to Baird-Sturdevant Company, Inc., Butler, Pa. Casting rod. 2,538,338, Jan. 16.
Sturdivant, William F.: *See*—
Phipps, John T.
Sturgeon, Halbert C., Hugoton, assignor to D. and L. W. Fransen, both of Wichita, Kans. Grain bin loader. 2,544,570, Mar. 6.
Sturgess, Inc., assignee: *See*—
Cushman, Clifford E.
Sturgis, Bernard M., Pitman, N. J., and A. A. Baum, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Vulcanization of butadiene copolymer rubbers. 2,567,135, Sept. 4.
Sturgis, Howard W.: *See*—
Saums, Harry L., Vail, and Sturgis.
Sturgis, Howard W., and E. H. Olson, Muskegon, Mich., assignors to Anaconda Wire and Cable Company. Apparatus for applying viscous coating compositions to wire. 2,558,993, July 3.
Sturgis Posture Chair Company, assignee: *See*—
De Young, Verne J.
Sturm, Frederick W., and R. H. Arnold, assignors to The Wayne Pump Company, Fort Wayne, Ind. Hoist safety valve. 2,550,882, May 1.
Sturm, Max, Jr., Union Beach, N. J. Combined bubble pipe and tethered ball. 2,542,100, Feb. 20.
Sturm, Ralph E., Pikesville, and J. R. Cosby, Towson, assignors to Bendix Aviation Corporation, Baltimore, Md. Electric trip circuit. 2,567,977, Sept. 18.
Sturm & Scheinberg, Inc., assignee: *See*—
Scheinberg, Morris M.
Sturrock, Murray G., Pittsburgh, Pa., and T. Lawe, assignors to Dominion Tar & Chemical Company Limited, Montreal, Quebec, Canada. Dimethylstyrene polymers and producing same. 2,555,298, May 29.
Sturtevant, George R., Swampscott, and F. H. Busch, Saugus, Mass., assignors to General Electric Company. Temperature compensated magnetic suspension. 2,560,260, July 10.
Stuster, Philip J., Huntington Park, and G. H. Epstein, Los Angeles, Calif. Reverse stitch attachment for sewing machines. 2,539,759, Jan. 30.
Stussi, Jacques, Berkeley, Calif., assignor to Marchant Calculating Machine Company. Spring coiling machine. 2,553,796, May 22.
Stuteville, John W., assignee: *See*—
Brothers, William B.
Stutsman, Fred A., assignee: *See*—
Olsen, James.
Stutsman, Paul W., Needham, assignor to Raytheon Manufacturing Company, Newton, Mass. Gas discharging device. 2,544,513, Mar. 6.
Stutsman, Paul W., Needham, assignor to Raytheon Manufacturing Company, Newton, Mass. Gaseous discharge device. 2,556,855, June 12.
Stutt, Charles A., Cambridge, Mass., assignor to Stromberg-Carlson Company. Wide-range tuning device for use at ultrahigh frequencies. 2,575,199, Nov. 13.
Stutz, Frederick L.: *See*—
Ford, Ledger D., and Stutz.
Stutz, Frederick L., assignor to Kirsch Company, Sturgis, Mich. Curtain rod bracket. 2,547,893, Apr. 3.

Stutz, Max A., London, England. Percussive tool. 2,545,245, Mar. 13.
Stutzke, Robert E., assignor to B. F. Avery & Sons Company, Louisville, Ky. Adjustable limit control for tractor lift shafts. 2,566,779, Sept. 4.
Stutzke, Robert E., Louisville, Ky., assignor, by mesne assignments, to Minneapolis-Moline Company. Safety overload clutch. 2,575,475, Nov. 20.
Stutzman, Milo J., *See*—
Hancox, Robert R., Tuer, and Stutzman.
Stutzman, Milo J., Kansas City, Mo., assignor to Olin Industries, Inc., East Alton, Ill. Making shot. 2,573,935, Nov. 6.
Stybel, Anthony J., Bayonne, N. J. Cleaning emulsions off films. 2,572,576, Oct. 23.
Styles, Wesley, Minneapolis, Minn. Amalgamating machine. 2,579,881, Dec. 25.
Styll, Edson E., Huntington Park, assignor to Stylon Corporation, Long Beach, Calif. Popcorn vending machine. 2,547,291, Apr. 3.
Styll, Harry H., assignor to American Optical Company, Southbridge, Mass. Ophthalmic mounting. 2,558,500, June 26.
Stylofede Corporation, assignee: *See*—
Robbins, Jesse J.
Stylon Corporation, assignee: *See*—
Styll, Edson E.
Styrén, Knut O. I., Malarhojden, assignor to Telefonaktiebolaget L. M. Ericsson, Stockholm, Sweden. Audio-frequency signaling system. 2,542,592, Feb. 20.
SubbaRow, Yellapragada: *See*—
Hultquist, Martin E., and SubbaRow.
Suben, Morten, assignor to Lens-Block Corporation, New York, N. Y. Lens block. 2,542,101, Feb. 20.
Suben, Morten, New York, N. Y. Device for supporting and moving a lens in the operation of bevelling the same. 2,551,648, May 8.
Succop, William G., assignee: *See*—
Knaak, Carl L.
Suchke, Frederick M., assignor to Pioneer Heddle and Reed Company, Incorporated, Atlanta, Ga. Heddle frame. 2,577,693, Dec. 4.
Suchy, Charles T., London, England. Metallizing electrically nonconductive threads. 2,566,074, Aug. 28.
Sucksdorf, Albert M., Chicago, Ill. Fishing rod guide. 2,547,507, Apr. 3.
Sudan, Eugene: *See*—
Wright, John G., Chafin, Sudan, Watkins, and Hanson.
Wright, John G., Toney, Watkins, Sudan, and Maxwell.
Sudbury, Sherman E., Chicago, Ill. Staple extracting device. 2,549,260, Apr. 17.
Suddarth, Jack M., and H. H. Richarz, assignors of one-fourth to A. G. Goldberg, Milwaukee, Wis. Compound lens generator. 2,556,604, June 12.
Suddarth, Judson N.: *See*—
Miskin, Renold A., and Suddarth.
Sudhoff, Edward B., Cincinnati, Ohio. Pattern layout device. 2,569,265, Sept. 25.
Sudlow, Fred E., assignee: *See*—
Holsclaw, Neil.
Suen, Tzeng-Jiueq, Old Greenwich, Conn., assignor to American Cyanamid Company, New York, N. Y. Urea-aldehyde reaction products and preparing same. 2,554,424, May 22.
Suen, Tzeng-Jiueq, Old Greenwich, Conn., assignor to American Cyanamid Company, New York, N. Y. Resinous compositions and making same. 2,559,578, July 10.
Suen, Tzeng-Jiueq, Old Greenwich, and J. H. Daniel, Jr., Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Producing cationic urea-formaldehyde resins and products obtained thereby. 2,554,475, May 22.
Suen, Tzeng J., Stamford, Conn., and A. M. Schiller, Astoria, assignors to American Cyanamid Company, New York, N. Y. Modified urea-formaldehyde resins and preparing the same. 2,565,278, Aug. 21.
Suess, Raymond P., assignee: *See*—
Ostendorf, William L.
Sueur, René: *See*—
Marzin, Pierre, and Sueur.
Sugar, Harry R., Akron, Ohio. Storm window. 2,545,901, Mar. 20.
Sugar, Harry R., Akron, Ohio. Metal storm window. 2,545,902, Mar. 20.
Sugar Research Foundation, Inc., assignee: *See*—
Docal, Gonzalo C.
Sugihara, James M.
Sugar Creek Creamery Company, assignee: *See*—
Lundal, Ingie J., and Robichaux.
Sugarman, Benjamin, assignee: *See*—
Sussin, Max H.
Sugarman, Emanuel E., Baldwin, and J. Miller, Jamaica, N. Y. Obtaining foot impressions. 2,547,419, Apr. 3.
Sugarman, Nathan: *See*—
Engelkemeir, Donald W., and Sugarman.
Ferst, Monie A., Ashmore, and Sugarman.
Sugarman, Nathan, Atlanta, Ga., and F. M. Fryman, Newport Beach, Calif., assignors to The Standard Register Company, Dayton, Ohio. Coating composition and using same. 2,536,107, Jan. 2.
Sugden, Clifford N., Bridgeport, A. D. Eplett and D. B. Miner, Stratford, Conn., assignors to Manning, Maxwell & Moore, Incorporated, New York, N. Y. Dial instrument movement. 2,541,790, Feb. 13.
Sugihara, James M., Salt Lake City, Utah, assignor to Sugar Research Foundation, Inc., New York, N. Y. Mercaptalation of sugar. 2,563,884, Aug. 14.
Sugimoto, Roy, Royal Oak, Mich., assignor to Ethyl Corporation, New York, N. Y. Diesel fuel. 2,560,904, July 17.
Suhanin, Edward W., Pittsburgh, assignor to Pennsylvania Industrial Chemical Corporation, Clairton, Pa. Recovering terpene polymers from solution. 2,555,255, May 29.
Suhre, Henry E., Pueblo, Colo.; O. S. Des Champs, conservatrix. Extensible hack saw frame. 2,559,686, July 10.
Sukacev, Lev, Washington, D. C. Self-heating containers. 2,579,405, Dec. 18.
Sulfrian, Gerard F., assignor to Hofman Laboratories, Inc., Newark, N. J. Double-walled thermally insulated vessel. 2,547,607, Apr. 3.
Sulich, John, Jr.: *See*—
Slifkin, Sam C., and Sulich.
Sullins, William I., Hamilton, Ala. Battery post and cable terminal cleaner tool. 2,562,136, July 24.
Sullivan, Carl T.: *See*—
Saltzman, Shepards, and Sullivan.
Sullivan, Charles I.: *See*—
Earle, Roland D., and Sullivan.
Sullivan, Earle C., Bridgeport, Conn., assignor to General Electric Company. Decanter handle construction. 2,551,300, May 1.
Sullivan, Frank A. V.: *See*—
Davis, Arnold R., and Sullivan.
Sullivan, Frederick W., Jr.: *See*—
Kalbach, John C., de Marchi, and Sullivan, Jr.
Sullivan, Frederick W., Jr., Madison, N. J., assignor to The Standard Ultramarine Company, Huntington, W. Va. Preparation of copper phthalocyanine. 2,568,569. Sept. 18.
Sullivan, Frederick W., Jr., Madison, N. J., assignor to The Standard Ultramarine Company, Huntington, W. Va. Preparation of metal phthalocyanines. 2,568,570, Sept. 18.
Sullivan, George C., Hollywood, assignor to Lockheed Aircraft Corporation, Burbank, Calif. Cargo aircraft. 2,577,287, Dec. 4.
Sullivan, Henry F., Cincinnati, Ohio, assignor to The Formica Company. Making circular bodies of laminated plastic. 2,542,593, Feb. 20.
Sullivan, Herbert W., Greenwich, Conn. Forming inductor coils. 2,542,726, Feb. 20.
Sullivan, John W., Lake Charles, La. Puzzle game. 2,574,158, Nov. 6.
Sullivan, Joseph J., Jamaica, N. Y. Food steam cooker. 2,576,313, Nov. 27.
Sullivan, Marie-Jo, assignor to Parke, Davis & Company, Detroit, Mich. Haloacetylamidophenyl-haloacetamidopropandiol. 2,568,571, Sept. 18.
Sullivan, Miller J., and G. J. Martin, assignors to The National Drug Company, Philadelphia, Pa. Antacid composition. 2,554,072, May 22.
Sullivan, Raymond H.: *See*—
Contant, Peter R., and Sullivan.
Sullivan, Raymond H., V. H. Hardy, and H. C. Porter, Rochester, N. Y., assignors to General Motors Corporation, Detroit, Mich. Electric motor. 2,545,715, Mar. 20.
Sullivan, Robert J., assignor to Reading Hardware Corporation, Reading, Pa. Cutter bar for lawn mowers. 2,557,897, June 19.
Sullivan, Roy W., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Calcium sulfate-extended titanium dioxide pigments. 2,549,261, Apr. 17.
Sullivan, Thomas J.: *See*—
Golden, Benjamin L., and Sullivan.
Sullivan, Thomas H., Salem, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Open-end cementing machine. 2,536,108, Jan. 2.
Sullivan, Warren L., assignor to Paragon Revolute Corporation, Rochester, N. Y. Printer and changeable light source therefor. 2,568,097, Sept. 18.
Sullivan, William L., New Port Richey, Fla., assignor to Minerals Separation North American Corporation, New York, N. Y. Concentration of iron ores. 2,555,825, June 5.
Sulphite Products Corporation, assignee: *See*—
Pearl, Irwin A.
Sult, Edwin B.: *See*—
Mikulak, John, Sober, and Sult.
Sulzer Bros. (London) Limited, assignee: *See*—
Guy Archibald, and Wedgwood.
Moore, Sydney J.
Moore, Sydney J., and Wedgwood.

Sulzer Freres, Societe Anonyme, assignee: *See*—
Huber, Walter.
Lieberherr, Hans.
Moessinger, Albert.
Pfarrwaller, Erwin.
Pfarrwaller, Erwin J.
Rimann, Walter.
Schaer, Max.
Schneeberger, Jean.
Strub, René.
Traupel, Walter.
Sulzer, John H.: *See*—
Meyerhoff, Albert J., and Sulzer.
Sulzer, Peter G., State College, Pa. Pulse echo system for ionospheric measuring equipment. 2,557,156, June 19.
Sumerford, Simpson D., and F. J. Buchmann, Baton Rouge, La., assignors to Standard Oil Development Company. Hydrocarbon synthesis. 2,541,677, Feb. 13.
Sumerford, W. T., and J. A. Jensen, Atlanta, Ga., assignors to the United States of America as represented by the administrator, Federal Security Agency. Pinegum rosin DDT insecticide compositions. 2,572,864, Oct. 30.
Summer, Samuel, Albany, N. Y. Garment hanger. 2,572,534, Oct. 23.
Summerbell, Edith M., executrix: *See*—
Summerbell, William.
Summerbell, William, deceased, Washington, D. C.; E. M. Summerbell, executrix of said W. Summerbell. Tube lock for guns. 2,539,494, Jan. 30.
Summerhayes, Harry R., Jr., Schenectady, N. Y., assignor to General Electric Company. Monitor for amplitude modulated signals. 2,548,635, Apr. 10.
Summerhayes, Harry R., Jr., and P. W. Howells, Schenectady, N. Y., assignors to General Electric Company. Automatic frequency control system. 2,580,254, Dec. 25.
Summers, George, Endicott, N. Y. Plastic cap for bolts and nuts. 2,538,483, Jan. 16.
Summers, Gerald C., Dallas, Tex., assignor, by mesne assignments, to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Electronic ammeter. 2,568,689, Sept. 18.
Summers, John, Chillicothe, Ohio. Cone grip lock nut. 2,575,641, Nov. 20.
Summers, John D., Randwick, Sydney, New South Wales, Australia. Fluid governor. 2,568,307, Sept. 18.
Summers, Kenneth E., assignor to The Newall Engineering Company Limited, Peterborough, England. Distance gauge. 2,580,255, Dec. 25.
Summers, Theodore, Hemlo, assignor to The Ontario Paper Company Limited, Thorold, Ontario, Canada. Log loading and transporting vehicle. 2,557,580, June 19.
Summit Steel Products, Inc., assignee: *See*—
Myers, Clarence E.
Sumner, George L.: *See*—
Montgomery, Charles W., Sumner, and Berg.
Sumner, Henry W., Seattle, Wash., assignor to W. E. Irving, Long Island City, N. Y. Suspension bridge. 2,573,507, Oct. 30.
Sumner, Ira L., Greenville, S. C. Telephone handset lock. 2,547,420, Apr. 3.
Sumner, Ralph, Dayton, Ohio. Forming tool. 2,538,284, Jan. 16.
Sumpter, Elmer S.: *See*—
Sumpter, Rudolph H. and E. S.
Sumpter, Rudolph H. and E. S., Hollywood, Calif. Carburetor. 2,578,857, Dec. 18.
Sumpter, Walter F.: *See*—
Bieber, Clarence G., and Sumpter.
Sun Chemical Corporation, assignee: *See*—
Ackerman, Raymond C.
Buchdahl, Rolf, and Curado.
Chaney, Preston E., and Barnes.
Curado, Joseph G.
Dalton, Philip B.
Daniel, Frederick K.
Darlington, Harry D.
Fish, John J.
Gardepe, Morris A.
Goldstein, Herman B., and Waldman.
Hoyt, Justus.
Schoepf, Albin K.
Steffens, Carsten C.
Williams, Robert J., and Finalborgo.
Zerner, Ernst, Gradsten, and West.
Zerner, Ernst, and Pollock.
Sun Electric Corporation, assignee: *See*—
Nilson, James H., and Westberg.
Sun, Kuan-Han, Pittsburgh, Pa., and M. L. Huggins, assignors to Eastman Kodak Company, Rochester, N. Y. Oxyfluoride glasses. 2,578,325, Dec. 11.
Sun Oil Company, assignee: *See*—
Banks, Daniel B.
Barton, Paul D.
Blake, Norman B.
Bethancourt, Raoul J.
Bondhus, Frances J., and Johnson.
Chaney, Preston E.
Chaney, Preston E., and Barnes.
Cummings, Leland W. T.
Davis, Evan E.
Ellis, Lacoste G.
Grosse, Aristid V., and Reid.
Sun Oil Company, assignee: *See*—Continued.
Ferris, Seymour W.
Hadley, Raymond F.
Hague, Fred.
Hay, Lehman E.
Henson, Robert L.
Henson, Robert L., Jr.
Hetzel, Stanford J.
Hirschler, Alfred E.
Johnson, Herbert L., and Stuart.
Kennedy, Robert M., and Schneider.
Kulp, Joseph S.
Kurtz, Stewart S., Jr., and Sweely.
Lipkin, Moses R.
Olsen, John L.
Pearson, John M.
Quist, Harold A.
Shawhan, Elbert N.
Sperry, Elmer H.
Tench, John D.
White, Chester N.
Sun Rubber Company, The, assignee: *See*—
Rekettye, Paul.
Sun Tool & Machine Co., The, assignee: *See*—
Christman, John M.
Sun Tool & Machine Company, The, assignee: *See*—
Reaser, William A., Ziems, and Christman.
Sunbeam Corporation, assignee: *See*—
Jepson, Ivar.
Koci, Ludvik J.
Sunbeam Lighting Company, assignee: *See*—
Bodian, Marcus.
Sunbury, Herbert E., Rutherford, and W. C. Hitchcock, Summit, N. J., assignors to United States Rubber Company, New York, N. Y. Asbestos-nylon cover cloth. 2,542,297, Feb. 20.
Sundback, Gideon, assignor to Talon, Inc., Meadville, Pa. Slide fastener. 2,554,929, May 29.
Sundback, Gideon, Meadville, Pa. Slide fastener lock. 2,555,164, May 29.
Sundberg, Carl W., Birmingham, assignor to Pratt Manufacturing Company, Coldwater, Mich. Sled. 2,572,214, Oct. 23.
Sundberg, Rudolph, Seward, Territory of Alaska. Seine pursing device. 2,570,285, Oct. 9.
Sundberg, Sven T. F.: *See*—
Ahlberg, Lars F. B., and Sundberg.
Sundell, Virginia H., Minneapolis, assignor to Sunny-Lorraine Chandlery, Mound, Minn. Luminous candle. 2,541,725, Feb. 13.
Sunderhauf, Frederick A., Rutherford, N. J., assignor to Reynolds Metals Company, Richmond, Va. Roofing. 2,568,469, Sept. 18.
Sundholm, Edwin P., Albert City, Iowa. Lubricant dispenser. 2,545,319, Mar. 13.
Sundholm, Norman K., Naugatuck, Conn., assignor to United States Rubber Company, New York, N. Y. Chemicals and fungicides. 2,547,723, Apr. 3.
Sundholm, Norman K., Naugatuck, Conn., assignor to United States Rubber Company, New York, N. Y. 2-alklyliminonaphtho[2,3]-1,3-dithole-4,9-dione alkohalide and fungicidal compositions containing same. 2,547,724, Apr. 3.
Sundman, Gunnar E., Nacka, Sweden, assignor, by mesne assignments, to Almex, Inc. Selectable value ticket printing and registering machine. 2,575,897, Nov. 20.
Sundstedt, Hugo, New York, N. Y. Watercraft. 2,564,587, Aug. 14.
Sundstrand Machine Tool Co., assignee: *See*—
Stoyke, Ludwig T., and Mosbacher.
Triolo, Peter T.
Sundstrand Magnetic Products Co., assignee: *See*—
Anderson, Axel.
Sundstrand, Oscar J., West Hartford, Conn., assignor to Underwood Corporation, New York, N. Y. Printing and punching means for accounting machines. 2,545,636, Mar. 20.
Sundstrand, Oscar J., West Hartford, Conn., assignor to Underwood Corporation, New York, N. Y. Fugitive one mechanism for typewriting and accounting machines. 2,573,508, Oct. 30.
Sundstrom, Savin L.: *See*—
Buttner, William C., and Sundstrom.
Sundt, Edward V., Chicago, Ill. Fuse plug circuit breaker. 2,576,815, Nov. 27.
Sundt, Vigo von K., assignor to Gisholt Machine Company, Madison, Wis. Hydraulic collet chuck. 2,551,226, May 1.
Sundt, Vigo V. K., assignor to Gisholt Machine Company, Madison, Wis. Power chuck. 2,565,330, Aug. 21.
Sundt, Vigo V. K., assignor to Gisholt Machine Company, Madison, Wis. Air chuck. 2,573,166, Oct. 30.
Sunnen, Joseph, Clayton, Mo. Tandem mandrel. 2,580,327, Dec. 25.
Sunnen, Joseph, Clayton, Mo. Opposed stone mandrel. 2,580,328, Dec. 25.
Sunnen, Joseph, Clayton, Mo. Insert holder. 2,580,329, Dec. 25.
Sunny-Lorraine Chandlery, assignee: *See*—
Sundell, Virginia H.
Sunray Company, assignee: *See*—
Lee, William F., and Stephens.
Sunroc Refrigeration Company, assignee: *See*—
Morrison, Samuel O.

Sunstein, David E., Cynwyd, Pa., assignor to Philco Corporation. Electrical system. 2,540,016, Jan. 30.
Sunstein, David E., Cynwyd, assignor, by mesne assignments, to Philco Corporation, Philadelphia, Pa. Automatic gain control. 2,552,232, May 8.
Sunstein, David E., Cynwyd, assignor to Philco Corporation, Philadelphia, Pa. Generator of time-spaced pulse signals of varying duration. 2,553,284, May 15.
Sunstein, David E., Cynwyd, assignor to Philco Corporation, Philadelphia, Pa. Automatic speed control for rail-guided vehicles. 2,576,424, Nov. 27.
Sunstein, David E., Elkins Park, assignor to Philco Corporation, Philadelphia, Pa. Electrical apparatus. 2,551,348, May 1.
Sunstein, David E., Cynwyd, and A. H. Mankin, assignors to Philco Corporation, Philadelphia, Pa. Signal comparator employing secondary emission apparatus. 2,568,098, Sept. 18.
Suozzo, John: *See—*
Santini, Danilo, Nelson, and Suozzo.
Suozzo, John, North Arlington, N. J., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Elevator system having selective operating modes. 2,568,418, Sept. 18.
Super, Ralph K., assignor to The Timken-Detroit Axle Company, Detroit, Mich. Brake shoe. 2,568,777, Sept. 25.
Super, Paul J., deceased, Dawson Creek, British Columbia, assignor of ten per cent to D. E. Beaudoin, Muskwa, Canada; H. O. Callahan, administrator. Bearing. 2,576,651, Nov. 27.
Super-Cut, Inc., assignee: *See—*
Fannen, John, and Duerksen.
Metzger, Leopold H.
Superior Coach Corporation, assignee: *See—*
Runkle, George L. V.
Superior Fire Equipment Corporation, assignee: *See—*
Moeller, William R.
Superior Industries, Incorporated, assignee: *See—*
Weyant, Romer G.
Superior Steel Corporation, assignee: *See—*
Carlson, William A., and Keil.
Rickley, Samuel S.
Superior Switchboard & Devices Company, The, assignee: *See—*
Clough, Charles A., Trier, and Murphy.
Trier, Raymond T., Janson, and Murphy.
Trier, Raymond T., and Kaefer.
Superior Tube Company, assignee: *See—*
Bounds, Ardrey M.
Briggs, Thomas H., Jr.
Nase, Benjamin M.
Reed, Price L.
Superior Weatherproof Corporation, assignee: *See—*
Bond, John N.
Super Mold Corporation of California, assignee: *See—*
Fannen, John J.
Super Seal Container Corporation, assignee: *See—*
Joswig, Fred W.
Super Speed Printing Machinery, Inc., assignee: *See—*
Adrian, Joseph.
Super-Spray Paint Corporation, assignee: *See—*
Jeurling, Sten A. W.
Super Tool Company, assignee: *See—*
Steffes, Milton J.
Supitilov, Michael C., Geneva, assignor to Operadio Manufacturing Co., St. Charles, Ill. Slide film projector with film advance controlled by a sound reproducing system. 2,551,349, May 1.
Supitilov, Michael C., St. Charles, and R. H. Larson, Batavia, assignors to Operadio Manufacturing Co., St. Charles, Ill. Electrical apparatus. 2,551,350, May 1.
Supple, Gilbert, Waban, Mass. Flexible sole element. 2,552,601, May 15.
Supplee, Edward N., Lansdowne, Pa. Converted station wagon body. 2,555,942, June 5.
Supreme Knitting Machine Co., Inc., assignee: *See—*
Mishcon, Lester, and Agulnek.
Mishcon, Samuel, Agulnek, and Mishcon.
Supreme Steel Products, Inc., assignee: *See—*
Schrefer, George.
Supurdisplay, Incorporated, assignee: *See—*
Tamsen, Rudolf N.
Surbeck, John L.: *See—*
Thayer, Harold A., and Surbeck.
Surber, Otis B., Los Angeles, Calif. Click attachment for fishing reels. 2,570,884, Oct. 9.
Surdy, Charles J.: *See—*
Martin, Eugene, Surdy, and MacKenzie.
Sureau, Robert F. M.: *See—*
Petiticolas, Pierre, Sureau, and Richard.
Surface Combustion Corporation, assignee: *See—*
Bastress, Ernest K., and de Coriolis.
Cone, Carroll.
De Coriolis, Ernest G., and Lehrer.
Milbourne, Charles G.
Munford, Theodore W.
Surgical Appliance Industries, Inc., assignee: *See—*
Pease, William A.
"Sur-Grip" Inc., assignee: *See—*
Blumenstein, Joseph.
Surine, William R., assignor to The Dow Chemical Company, Midland, Mich. Preparation of salicylamide. 2,570,502, Oct. 9.
Surline, Jack E., Philadelphia, Pa. Magneto gauge. 2,552,602, May 15.
Surmatis, Joseph D., assignor to Hoffmann-La Roche Inc., Roche Park, Nutley, N. J. Producing thiophanes. 2,579,682, Dec. 25.
Surprenant Electrical Insulation Company, assignee: *See—*
Forsberg, George E.
Surrey, Alexander R., Albany, assignor to Sterling Drug Inc., New York, N. Y. 7-chloro-4-[5-(N-ethyl-N-2-hydroxyethylamino)-2-pentyl] aminoquinoline, its acid addition salts, and preparation. 2,546,658, Mar. 27.
Surrey, Alexander R., Albany, N. Y., assignor to Sterling Drug Inc., Wilmington, Del. Dihalo-4-(aliphatic tertiaryaminoalkylamino) quinolines. 2,555,943, June 5.
Surrey, Alexander R., Albany, N. Y., assignor to Sterling Drug Inc., Wilmington, Del. 6-chloro-9-(3-(2-hydroxyethylamino)-propylamino)-2-methoxyacridine and salts thereof. 2,555,944, June 5.
Surrey, Alexander R., Albany, N. Y., assignor to Sterling Drug Inc., Wilmington, Del. Tertiary-aminoalkyl esters and amides of 4-quinolylmercaptoalkanoic acids and their preparation. 2,568,037, Sept. 18.
Surrey, Alexander R., Albany County, and R. A. Cutler, Rensselaer County, N. Y., assignors to Sterling Drug Inc., Wilmington, Del. Tertiary-aminoalkyl-alpha-aryl-alpha-(4-quinolyl) acetates and amides and their preparation. 2,568,778, Sept. 25.
Surrey, Alexander R., Albany County, and R. A. Cutler, Rensselaer County, N. Y., assignors to Sterling Drug Inc., Wilmington, Del. Tertiary-amino-2-aryl-2-(4-quinolyl) alkane-nitriles and their preparation. 2,570,286, Oct. 9.
Susdorf, Lloyd R., Cleveland, assignor of fifty per cent to C. F. King, Berea, Ohio. Blind flying trainer. 2,536,474, Jan. 2.
Suska, Charles R., assignor to Aero Supply Mfg. Co. Inc., Corry, Pa. Temperature controlled mixing valve. 2,539,598, Jan. 30.
Susnow, Saul H., Los Angeles, Calif. Cornice bracket. 2,570,731, Oct. 9.
Sussenbach, Paul, assignor to The Presstite Engineering Company, St. Louis, Mo. Expansion joint sealing filler. 2,546,659, Mar. 27.
Sussin, David, South Fort Mitchell, Ky., and W. C. Kuhlman, Cincinnati, Ohio, assignors to The Kelley-Koett Manufacturing Company, Covington, Ky. X-ray apparatus. 2,538,217, Jan. 16.
Sussin, Max H., assignor to Benjamin Sugarman, Chicago, Ill. Photoengraving screen holder. 2,564,934, Aug. 21.
Sussin, Victor, Chicago, Ill., assignor to American Type Founders, Incorporated, Elizabeth, N. J. Camera. 2,551,181, May 1.
Sussman, Harry, Great Neck, N. Y., assignor to Radio Corporation of America. Second and third harmonic generator. 2,578,613, Dec. 11.
Sussman, Nathan, Long Island City, N. Y. Step stool. 2,577,438, Dec. 4.
Sutch, George T., Lake Geneva, Wis. Bag splitting and dispensing device. 2,571,781, Oct. 16.
Sutcliffe, Ivor W.: *See—*
Leach, Frank, and Sutcliffe.
Suter, Chester M.: *See—*
Mooradian, Aram, Lawson, and Suter.
Suter, Heinrich, assignor to H. W. Egli A. G., Zurich, Switzerland. Decimal-transfer mechanism in calculating machines. 2,558,631, June 26.
Suter, Marcel, Tuckahoe, N. Y., and C. Chedister, Livingston, N. J., assignors, by mesne assignments, to The Heckman Company, St. Louis, Mo. Electric permanent wave device. 2,536,668, Jan. 2.
Suthann, Robert A., Los Angeles, Calif. Combined cabinet and chassis for mounting electrical components. 2,567,829, Sept. 11.
Sutherland, Carl H., Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Field-coil punching and coil. 2,561,428, July 24.
Sutherland, Daniel M., Morrisville, Pa. Making waterproof fibrous containers. 2,538,926, Jan. 23.
Sutherland, Eugene B., assignor to Emmett Machine & Manufacturing, Inc., Akron, Ohio. Tilting head press. 2,576,547, Nov. 27.
Sutherland, Frederick F.: *See—*
Steiding, John B., and Sutherland.
Sutherland, James L.: *See—*
Beckwith, Gertrude H., and Sutherland.
Sutherland, Jesse H., South Gate, Calif. Hand truck, including tilting means therefor. 2,546,876, Mar. 27.
Sutherland, John B., Detroit, Mich. Air deflector. 2,550,619, Apr. 24.
Sutherland, Louis W., Jr.: *See—*
Buttery, Kenneth T., and Sutherland.
Sutherland Paper Company, assignee: *See—*
Buttery, Kenneth T.
Buttery, Kenneth T., and Sutherland.
Stenger, Richard C.
Sutherland, Robert T., Jr., New York, N. Y. Traction-increasing device for vehicle wheels. 2,640,147, Feb. 6.
Sutherland, William C., Jr., Coatesville, assignor to H. S. Eckels and Co., Philadelphia, Pa. Reservoir for embalming fluid. 2,558,279, June 26.
Sutliff & Case Co., Inc., assignee: *See—*
McCallum, Archie H., Breckenridge, and Case.

Sutin, Albert E., Toronto, Ontario, Canada. Peg-fastened button. 2,538,396, Jan. 16.
Sutphen Products Corporation, assignee: *See*—
Cronk, Robert W.
Sutter, Edward R., Chicago, Ill., assignor to Beau-T-Form Foundations, Inc. Shield panty. 2,574,132, Nov. 6.
Sutter, Edward R., Chicago, Ill., assignor to Beau-T-Form Foundations, Inc. Sanitary pad support. 2,574,133, Nov. 6.
Sutter, Hans, St. Gallen, assignor to Brutsch & Co., Zurich, Switzerland. Sewing-machine light with stepped reflecting surfaces. 2,552,748, May 15.
Sutter, Paul, Binningen, and W. Kern, Sissach, assignors to Ciba Limited, Basel, Switzerland. Vat dyestuffs. 2,555,713, June 5.
Sutter, Paul, Binningen, and W. Kern, Sissach, assignors to Ciba Limited, Basel, Switzerland. Anthraquinone vat dyestuffs. 2,580,201, Dec. 25.
Suttle, Eugene R., Wichita, Kans. Electrode holder for arc lamps. 2,580,137, Dec. 25.
Suttles, Omar, Los Angeles, Calif. Ventilating system for house trailers. 2,553,881, May 22.
Sutton Engineering Company, assignee: *See*—
Sutton, John B.
Sutton, Jack H.: *See*—
Pirwitz, Friedrich A. Gustav, G. P., and Sutton.
Sutton, John B., Bellefonte, assignor to Sutton Engineering Company, Pittsburgh, Pa. Automatic roll adjustment. 2,556,120, June 5.
Sutton, John H., Los Angeles, Calif. Match book. 2,556,561, June 12.
Sutton, Kenneth T.: *See*—
Anderson, Harry C., and Sutton.
Sutton, O. A., Corporation, Inc., The, assignee: *See*—
Sutton, Ottis A.
Sutton, Otis B., Canton, assignor to The Hoover Company, North Canton, Ohio. Absorption refrigerator. 2,546,912, Mar. 27.
Sutton, Otis B., Canton, and C. C. Coons, assignors to The Hoover Company, North Canton, Ohio. Electric toaster. 2,563,755, Aug. 7.
Sutton, Ottis A., assignor to The O. A. Sutton Corporation, Inc., Wichita, Kans. Mounting yoke for fans or similar appliances. 2,554,600, May 29.
Sutton, Ottis A., assignor to The O. A. Sutton Corporation, Inc., Wichita, Kans. Mounting means for guard grilles of fans or similar appliances. 2,554,601, May 29.
Sutton, Ottis A., assignor to The O. A. Sutton Corporation, Inc., Wichita, Kans. Cowl for fans. 2,554,602, May 29.
Sutton, Ottis A., assignor to The O. A. Sutton Corporation, Inc., Wichita, Kans. Heater fan. 2,567,087, Sept. 4.
Sutton Patents, Inc., assignee: *See*—
Lermont, Basil.
Sutton, Ralph L.: *See*—
Karlsson, Elof K., and Sutton.
Sutton, Robert J., Chicago, Ill., assignor to Hotpoint Inc. Electric terminal structure. 2,547,058, Apr. 3.
Sutton, William H., Fort Worth, Tex. Portable beverage case. 2,542,162, Feb. 20.
Sutton Tool Company, assignee: *See*—
Wilson, Edgar W.
Svartviks Aktiebolag, assignee: *See*—
Andersson, Ernst, and Fogde.
Svarz, Jerry: *See*—
Kaiser, Emil and Svarz.
Sveda, Michael, Cleveland, Ohio, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Disila organo compounds. 2,561,429, July 24.
Sveda, Michael, Cleveland, Ohio, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Polyarylene-siloxanes and making same. 2,562,000, July 24.
Svedberg, Johan E., Stockholm, Sweden. Furniture support jointed to frame. 2,550,620, Apr. 24.
Svendsen, Norman F., Los Angeles, Calif., assignor to North American Aviation, Inc. Roller and track construction. 2,538,434, Jan. 16.
Svendsen, Robert W., Maywood, Ill. Cap for aerosol bomb. 2,573,624, Oct. 30.
Svendsen, Sidney O., assignor to Glenn Berry, Birmingham, Mich. Counterbalancing mechanism for overhead track doors. 2,549,140, Apr. 17.
Svenska Aeroplan Aktiebolaget, assignee: *See*—
Wilkenson, Erik A., and Faxén.
Svenska Aktiebolaget Gasaccumulator, assignee: *See*—
Granqvist, Carl-Erik.
Parsberg, Erik R.
Svenska, Aktiebolaget Philips, assignee: *See*—
Falk, Sven G.
Svenska Cellulosa Aktiebolaget, assignee: *See*—
Åström, Johan.
Leffler, Nils G.
Lindblad, Karl R.
Svenska-Skifferolje Aktiebolaget, assignee: *See*—
Lundquist, Lars B.
Svenska Skofabriksntforeningen, assignee: *See*—
Rylander, Bernhard U.
Svenska Sockerfabriks Aktiebolaget, assignee: *See*—
Wiklund, Olof.
Svenska Turbinfabriks Altiebolaget Ljungstrom, assignee: *See*—
Lundberg, Bo K. O.
Svenson, Ernest J., Rockford, assignor, by mesne assignments, to Odin Corporation, Chicago, Ill. Variable pressure fluid control circuit. 2,566,380, Sept. 4.
Svenson, Ernest J., Rockford, assignor to Odin Corporation, Chicago, Ill. Accumulator system and control. 2,566,381, Sept. 4.
Svensson, Sven G., Sundbyberg, R. B. Person, Stockholm, and N. B. Langefors, Sundbyberg, assignors to Aktiebolaget Nordiska Armaturfabrikerna, Linkoping, Sweden. Gyro horizon with optical horizon indicator. 2,561,713, July 24.
Svertson, Arthur J., assignee: *See*—
Standal, Sylvia I.
Svikhart, Miles L.: *See*—
David, Herman W., and Svikhart.
Svirsky, Bennett, assignor of one-half to A. Montante, Los Angeles, Calif. Combination window shade roller bracket and actuating means. 2,577,046, Dec. 4.
Svit, narodni podnik, assignee: *See*—
Kadlecík, Josef.
Korbel, Bedřich.
Majtner, Oldřich.
Svoboda, Antonin, Cambridge, Mass., assignor, by mesne assignments, to the United States of America as represented by the Secretary of the Navy. Computing linkage. 2,544,863, Mar. 13.
Swaim, Frank H., Silver Spring, Md. Motor operated towing bracket for hydrodynamic testing. 2,557,157, June 19.
Swain, Alice A., St. Bernard, Ohio, now by marriage A. A. Friedrich. Douche or enema device. 2,543,075, Feb. 27.
Swain, Arthur E.: *See*—
Knowler, Henry, and Swain.
Swain, Kenneth W., Hampton, N. H., assignor to The Chase-Shawmut Company, Newburyport, Mass. Renewable fuse. 2,560,138, July 10.
Swain, Kenneth W., Hampton Falls, and E. H. Taylor, assignors to The Chase-Shawmut Company, Newburyport, Mass. Time-delay electric fuse. 2,557,926, June 26.
Swain, Ralph R., South Euclid, Ohio, assignor to Bailey Meter Company. Furnace control system. 2,540,966, Feb. 6.
Swallow, Chandler E., Pawtucket, R. I. Staple fiber preparation. 2,563,756, Aug. 7.
Swallow, Herbert A., Plainfield, and H. H. Anderson, West Orange, N. J., assignors, by mesne assignments, to Union Carbide and Carbon Corporation. Plastic milling apparatus. 2,543,307, Feb. 27.
Swalwell, Clyde E., Dallas, Tex. Garment hanger for vehicles. 2,542,163, Feb. 20.
Swalwell, Clyde E., Dallas, Tex. Clothes carrier for automobiles. 2,550,172, Apr. 24.
Swam, Roland E. S., assignor to R. H. Sheppard, Hanover, Pa. Automatic starting and stopping of diesel engines. 2,579,130, Dec. 18.
Swaney, Miller W.: *See*—
Carlson, Carl S., and Swaney.
Kittleson, Allen R., and Swaney.
Morrell, Charles E., and Swaney.
Swaney, Miller W., and S. B. Lippincott, Westfield, N. J., assignors to Standard Oil Development Company. Insecticidal composition comprising 3-cyano-1, 4-endomethylene-cyclohexane-5. 2,536,858, Jan. 2.
Swaney, Miller W., and H. L. Yowell, Westfield, and J. F. McKay, Jr., Cranford, N. J., assignors to Standard Oil Development Company. Selective crab grass herbicidal compositions. 2,537,608, Jan. 9.
Swaney, Miller W., Cranford, and E. Arundale, Westfield, N. J., assignors to Standard Oil Development Company. Molding high wet gel strength diolefin copolymers. 2,540,601, Feb. 6.
Swaney, Miller W., Westfield, and A. R. Kittleson, Cranford, N. J., assignors to Standard Oil Development Company. Fungicidal composition. 2,541,678, Feb. 13.
Swaney, Miller W., and S. B. Lippincott, Westfield, N. J., assignors to Standard Oil Development Company. Fungicidal compositions comprising N,N'-bis (4-nitrosophenyl) piperazine. 2,545,176, Mar. 13.
Swaney, Miller W., Cranford, and F. W. Banes, Roselle, N. J., assignors to Standard Oil Development Company. Reacting alkyl mercaptans with synthetic rubbery diolefin polymers. 2,556,856, June 12.
Swaney, Miller W., Cranford, and F. W. Banes, Roselle, N. J., assignors to Standard Oil Development Company. Alkyl phenols as stabilizers for synthetic rubber latex. 2,565,998, Aug. 28.
Swank, Inc., assignee: *See*—
Bagnall, Joseph C., Jr.
Bowder, David H.
Howard, Viola T.
Marien, Clement.
Mueller, Leo G.
Swank, Rehl W., Edinboro, assignor to Erie Meter Systems, Inc., Erie, Pa. Coupling. 2,543,590, Feb. 27.
Swank, Rehl W., Edinboro, assignor to Erie Meter Systems, Inc., Erie, Pa. Water separator. 2,548,568, Apr. 10.
Swann, James S., Homewood, assignor to Standard Railway Equipment Manufacturing Company, Chicago, Ill. Drop-bottom gondola car door. 2,554,427, May 22.

Swann, James S., Homewood, assignor to Standard Railway Equipment Manufacturing Company, Chicago, Ill. Hatch construction. 2,565,704, Aug. 28.
Swann, James S., Homewood, assignor to Standard Railway Equipment Manufacturing Company, Chicago, Ill. Car floor protector. 2,565,705, Aug. 28.
Swansen, Theodore L.: *See*—
Eastman, David P., and Swansen.
Swanson, Carl E.: *See*—
Treuhaft, Milton A., and Swanson.
Swanson, Donald F., Chicago, Ill. Demountable leecher bucket for coffee urns. 2,539,708, Jan. 30.
Swanson, Edward W.: *See*—
Altmann, John H., and Swanson.
Swanson, Forrest R., assignor to Illinois Tool Works, Chicago, Ill. Fastener device. 2,556,988, June 12.
Swanson, Harold, Brownhelm Township, Lorain County, Ohio. Farm utility boat. 2,538,599, Jan. 16.
Swanson, Harold, Brownhelm Township, Lorain County, Ohio. Farm utility boat. 2,538,600, Jan. 16.
Swanson, Harold, Brownhelm Township, Lorain County, Ohio. Barbed wire. 2,541,388, Feb. 13.
Swanson, Henry T., Lancaster, Pa., assignor to Radio Corporation of America. Heat-resistant cathode coatings. 2,552,654, May 15.
Swanson, Herbert F.: *See*—
Michaelis, Harold A., and Swanson.
Swanson, Hugo R., Binghamton, N. Y. Therapeutic massager. 2,574,601, Nov. 13.
Swanson, John W., assignor to The Institute of Paper Chemistry, Appleton, Wis. Dextrinization of mannogalactans. 2,553,485, May 15.
galactans. 2,553,485, May 15.
Swanson, Linwood B.: *See*—
Sloan, Harry E., H. E., Jr., and Swanson.
Swanson, Mark, Washington, D. C. Indicating a chosen area. 2,549,860, Apr. 24.
Swanson, Nels H., Chicago, Ill. Twist drill gauge. 2,546,934, Mar. 27.
Swanson, Nils H., La Grange, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Indexing mechanism for translating a reciprocatory motion into a step-by-step rotary motion. 2,556,010, June 5.
Swanson, Nils H., La Grange, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Apparatus for crimping condenser cans having leads. 2,559,904, July 10.
Swanson, Ralph I., Gary, and W. K. Smith, Indianapolis, Ind., assignors to United States Steel Company. Electronic dialatometer. 2,546,796, Mar. 27.
Swanson, Reinhold J., Chicago, Ill. Spray head. 2,552,352, May 8.
Swanson Tool and Machine Products, Inc., assignee: *See*—
Merchant, Chester O.
Swant, Clyde G., and J. A. Morigeau, Arlee, Mont. Widener for use in saw kerfs of timber. 2,541,894, Feb. 13.
Swanton, John R., Jr., Newton, assignor to Arthur D. Little, Inc., Cambridge, Mass. Heating system. 2,544,474. Mar. 6.
Sward, Delbert F., Freeport, Ill., assignor to Rockwell Manufacturing Company, Pittsburgh, Pa. Latch mechanism. 2,576,978, Dec. 4.
Swarin, Sylvia, Detroit, Mich. Finger-protecting shield. 2,538,889, Jan. 23.
Swart, Gilbert H.: *See*—
Te Grotenhuis, Theodore A., and Swart.
Swart, Gilbert H., assignor to The General Tire & Rubber Company, Akron, Ohio. Bushing and making same. 2,572,215, Oct. 23.
Swart, Ira E., Syracuse, N. Y. Advertising device. 2,573,625, Oct. 30.
Swart, Kenneth H., Whittier, Calif., assignor to Security Engineering Co., Inc. Removable pin installation for well drilling cutter assemblies. 2,557,619, June 19.
Swartout, John A., Oak Ridge, Tenn., assignor to the United States of America as represented by the United States Atomic Energy Commission. Production of radioactive iron. 2,571,965, Oct. 16.
Swartswelter, Ernest E., Jr., assignor to Ace Storm Window Company, Youngstown, Ohio. Single sash storm window mounting. 2,541,948, Feb. 13.
Swartwout, Charles J.: *See*—
Fredrick, Arden H., Greenwood, and Swartwout.
Swartwout Company, The, assignee: *See*—
Johnson, Jay P.
Swartz, Edward, Belmont, Mass. Apparatus for preparing solutions. 2,576,315, Nov. 27.
Swartz, Fred J., Rushford, N. Y. Rain gutter. 2,537,243, Jan. 9.
Swartz, George A., York, Pa. Cabinet. 2,575,567, Nov. 20.
Swartz, James J., Berwyn, assignor to Sloan Valve Company, Chicago, Ill. Milling fixture for automatic chucking machines. 2,555,616, June 5.
Swartz, James J., Berwyn, and W. E. Seaman, assignors to Sloan Valve Company, Chicago, Ill. Milling fixture for automatic chucking machines. 2,555,617, June 5.
Swartz, Lawrence B.: *See*—
Sefferino, Clifford V.
Swartz, William L.: *See*—
Webb, George, and Swartz.
Swartzbaugh Manufacturing Company, The, assignee: *See*—
Allgeyer, Guy H.
Weingardt, George C.
Swartzberg, Irvin, assignee: *See*—
Siegal, Norman A.
Swartzentruber, Peter, Westmoreland, N. Y. Vaporizing-type oil burner having fuel and air preheating means. 2,558,016, June 26.
Swatsick, Michael J., St. Louis, Mo., assignor to S. De Mian, Chicago, Ill. Fastening device. 2,537,801, Jan. 9.
Swayne, Edward B., assignor of one-half to Whaley Engineering Corporation, Norfolk, Va. Mechanical movement for profile and contour cutting machines. 2,559,176, July 3.
Swayne, Vinton R., Jr., and G. J. Martin, assignors to The National Drug Company, Philadelphia, Pa. Blood anticoagulant composition. 2,543,674, Feb. 27.
Swayze, Donald L., and A. H. Nicholls, Detroit, Mich., assignors to Chrysler Corporation. Making a cellular structural panel and product. 2,556,011, June 5.
Swayze, Ernest W., Clay, assignor to Easy Washing Machine Corporation, Syracuse, N. Y. Timer mechanism. 2,562,481, July 31.
Swayze, Myron A., Hudson, assignor to Lone Star Cement Corporation, New York, N. Y. Apparatus for separating solid materials. 2,538,285, Jan. 16.
Swearingen, Judson S., New York, N. Y., assignor to Mathieson Chemical Corporation. Distillation tower. 2,554,428, May 22.
Swearingen, Willard P., assignor, by mesne assignments, to Industrial Research and Engineering Company, Pittsburgh, Pa. Bonded abrasive. 2,562,587, July 31.
Sweat, Kenneth: *See*—
Sweat, Lestor, Chatwin, and Sweat.
Sweat, Lestor, and T. Chatwin, Heber City, and K. Sweat, Fruitland, Utah. Brush drag. 2,558,324, June 26.
Swebilius, Carl G., Hamden, Conn. Making slide-action repeating firearms. 2,538,173, Jan. 16.
Swedlund, Lloyd E., Lancaster, Pa., assignor to Radio Corporation of America. Cathode-ray tube arc-over preventive. 2,545,120, Mar. 13.
Sweely, James S.: *See*—
Kurtz, Stewart S., Jr., and Sweely.
Sweeney, Arthur W.: *See*—
Trotter, Claude H., and Sweeney.
Sweeney, B. K., Manufacturing Company, assignee: *See*—
Able, Edward T., and Krieger.
Sweeney, Daniel J., Cleves, assignor to Avco Manufacturing Corporation, Cincinnati, Ohio. Television apparatus. 2,543,136, Feb. 27.
Sweeney, Frank B., assignor to Ritter Company, Inc., Rochester, N. Y. Carburetor. 2,574,670, Nov. 13.
Sweeney, Joseph H., Springfield, Tenn. Portable communion cabinet. 2,576,052, Nov. 20.
Sweeney, Kenneth O.: *See*—
Emanuel, Walter A., Sweeney, and Weis.
Sweeney, Leo M., Brentwood, Pittsburgh, Pa. Awning construction. 2,574,423, Nov. 6.
Sweeney, William J., Summit, N. J., assignor to Standard Oil Development Company. Stabilized aromatic amine-gasoline mixtures. 2,552,466, May 8.
Sweeny, Alfred A., Denver, and M. F. Sweeny, Silt, Colo. Printing telegraph system. 2,578,025, Dec. 11.
Sweeny, Maurice F.: *See*—
Sweeny, Alfred A. and M. F.
Sweeny, Robert D., and W. L. Coutchure, assignors to Wm. H. Cook, Toledo, Ohio, trustee. Concave bottom boat hull. 2,546,704, Mar. 27.
Sweet, Bert B., Akron, Ohio. Apparatus for manufacturing clothespins. 2,568,373, Sept. 18.
Sweet, Floyd H., Euclid, assignor to The Marquette Metal Products Company, Cleveland, Ohio. Spindle brake. 2,566,258, Aug. 28.
Sweet, H. C., Company, assignee: *See*—
Sweet, Harold C., and Chilman.
Sweet, Harold C., and W. A. Chilman, assignors to H. C. Sweet Company, Detroit, Mich. Line marking device. 2,549,722, Apr. 17.
Sweet, Helen T.: *See*—
Hurt, Victor H., and Sweet.
Sweet, Laurie, London, England, assignor to Tinnerman Products, Inc., Cleveland, Ohio. Spring hinge. 2,553,882, May 22.
Sweet, Leon A., and E. W. Tillitson, Grosse Pointe, assignors to Parke, Davis & Company, Detroit, Mich. Arsenical compounds and obtaining the same. 2,566,382, Sept. 4.
Sweet, Merlyn R., assignee: *See*—
Esley, Wayne B.
Sweet, Monroe H., Binghamton, assignor to General Aniline & Film Corporation, New York, N. Y. Speed control for recording densitometers. 2,550,648, Apr. 24.
Sweet, Monroe H., Binghamton, assignor to General Aniline & Film Corporation, New York, N. Y. Comparison type densitometer and electronic measuring circuit therefor. 2,561,243, July 17.
Sweet, Roger S., Highland Park, and W. L. Benson, Woodbridge, assignors to Merck & Co., Inc., Rahway, N. J. Alkanolamine salts of sulfaquinoxaline. 2,578,761. Dec. 18.

Sweetman, William G., Houston, Tex., assignor of an interest to I. J. McCullough, Los Angeles, Calif., and O. J. McCullough, Houston, Tex. Mechanism for detonating explosives. 2,566,682, Sept. 4.
Sweets Laboratories, Inc., assignee: *See*—
Lindhe, Eric G.
Sweetser, Sumner B., Cranford, N. J., assignor to Standard Oil Development Company. Hydrogenation of oxides of carbon to produce high boiling alcohols and liquid hydrocarbons. 2,561,244, July 17.
Sweigart, Arthur L., Borger, Tex., assignor to United Carbon Company, Inc., Charleston, W. Va. Hardness tester. 2,572,779, Oct. 23.
Swendsen, David L., Sundsvall, Sweden. Boiler. 2,545,903, Mar. 20.
Swenson, Alfred G., Ontario, Calif., assignor to General Electric Company. Combined air vent and pressure release valve. 2,563,563, Aug. 7.
Swenson, Alfred G., Ontario, Calif., assignor to General Electric Company. Cooker. 2,571,782, Oct. 16.
Swenson, Carl A. and P. R., Loves Park, Ill. Pumpmobile toy. 2,567,453, Sept. 11.
Swenson, Carl E., Rockford, Ill. Multiple-speed drive. 2,547,236, Apr. 3.
Swenson, Carl E., Buffalo, N. Y. Roller skate. 2,547,796, Apr. 3.
Swenson, Charles H., Plainfield, N. J., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Fire for continuous sheets. 2,537,172, Jan. 9.
Swenson, Elvin C., assignor, by decree of distribution to Rose Swenson, Watertown, S. Dak. Box and boat automobile carrier. 2,551,351, May 1.
Swenson, Harold A.: *See*—
Lowe, Edison, and Swenson.
Swenson, Oscar J., Ithaca, assignor to The Cuban-American Sugar Company, New York, N. Y., and S. C. Johnson & Son, Inc., Racine, Wis. Extracting wax from cachaza. 2,554,073, May 22.
Swenson, Paul F., Cleveland Heights, and M. F. Pravda, Bedford, assignors to The Cleveland Research Corporation, Cleveland, Ohio. Gas burner with modulated flame orifice. 2,572,675, Oct. 23.
Swenson, Philip R.: *See*—
Swenson, Carl A. and P. R.
Swenson, Rose, assignee: *See*—
Swenson, Elvin C.
Swenson, Ross L.: *See*—
Cushing, Russell E., and Swenson.
Swensson, Sven O., Vasteras, Sweden. Expansion gauge. 2,566,970, Sept. 4.
Sweo, Benjamin J., Lakewood, assignor to Ferro Enamel Corporation, Cleveland, Ohio. Porcelain enamel and making same. 2,563,502, Aug. 7.
Swerdlow, Nathan, Philadelphia, and G. G. Abel, Media, Pa., assignors to General Electric Company. Electric bus support. 2,570,885, Oct. 9.
Swern, Daniel: *See*—
Findley, Thomas W., and Swern.
Scanlan, John T., Swern, and Roe.
Swern, Daniel, Philadelphia, Pa., assignor to The United States of America as represented by the Secretary of Agriculture. Ether-esters of dihydroxystearic acid. 2,542,062, Feb. 20.
Swern, Daniel, and E. F. Jordan, Jr., Philadelphia, Pa., assignors to The United States of America as represented by the Secretary of Agriculture. Unsaturated esters of 10-hendecenoic acid. 2,541,126, Feb. 13.
Swern, Daniel, E. F. Jordan, Jr., and W. S. Port, Philadelphia, Pa., assignors to the United States of America as represented by the Secretary of Agriculture. Emulsion polymerization of long-chain vinyl esters. 2,562,965, Aug. 7.
Swern, Daniel, and T. W. Findley, Philadelphia, Pa., assignors to the United States of America as represented by the Secretary of Agriculture. Epoxidized oils, 2,569,502, Oct. 2.
Swern, Daniel, and H. B. Knight, Philadelphia, Pa., assignors to the United States of America, as represented by the Secretary of Agriculture. Oxidation of oleic acid. 2,572,892, Oct. 30.
Swett, Christopher L., Winnemucca, Nev. Helve setting for prospectors' tools. 2,537,244, Jan. 9.
Swickard, Frank S., deceased, Denver, Colo.; L. J. Swickard, administratrix. Valve for air brake control. 2,575,850, Nov. 20.
Swickard, Laura J., administratrix: *See*—
Swickard, Frank S.
Swidler, Isidore, Philadelphia, Pa. Micrometer setting device. 2,543,076, Feb. 27.
Swift & Company, assignee: *See*—
Bates, Nathan.
Black, Howard C., and Leaders.
Bradford, Purdy.
Brouer, Orville A.
Brown, Leo C., and Farbak.
Clardy, Le Roy, and Dakin.
Donahue, William E., and Luce.
Droege, Orville E., Hale, and Schauert.
Hensgen, Bernard T.
Jensen, Lloyd B.
Jensen, Lloyd B., and Hess.
Jensen, Lloyd B., and Miller.
Jensen, Lloyd B., and Sherman.
Swift & Company, assignee: *See*—Continued.
Knechtges, John W.
Koonz, Carl H., and Kauffman.
Lacey, Felix E., and Leaders.
Leaders, William M.
Leaders, William M., and Lacey.
Lehner, Edwin C.
Lofdahl, Lyle J., and Gunther.
Patterson, William J.
Petersen, Lowell W.
Prohaska, James J.
Ramsbottom, John M.
Trelease, Richard D.
Walter, Charles T.
Walter, Charles T., Newton, and Haase.
Wilger, Jerome P.
Williams, Beverly E.
Williams, Beverly E., and Redrow.
Young, Harland H.
Young, Harland H., and Black.
Swift Electric Welder Company, assignee: *See*—
Lewis, Alfred H.
Swift, Frank H., and G. R. Dodson, Portland, Oreg., assignors to Crown Zellerbach Corporation, San Francisco, Calif. Hydraulic log barker with self-lubricating sealing means. 2,542,371, Feb. 20.
Swift, George W., Jr., Inc., assignee: *See*—
Bruker, Hobart W.
Swift, Gordon: *See*—
Lockwood, Arthur R., and Swift.
Swift, John S., Co., Inc., assignee: *See*—
Coughlin, Harry A.
Swift, Lawrence M., assignor to Well Surveys, Incorporated, Tulsa, Okla. Method and apparatus for adjusting spacing between neutron source and detector. 2,543,675, Feb. 27.
Swift, Lawrence M., assignor to Well Surveys, Incorporated, Tulsa, Okla. Casing collar locator. 2,554,844, May 29.
Swift Manufacturing Company, assignee: *See*—
Williams, Charlton H.
Swift, William, Sutton Coldfield, assignor to Joseph Lucas Limited, Birmingham, England. Tool for use in armature winding machines. 2,536,582, Jan. 2.
Swift, William, Sutton Coldfield, and E. Mason, Quinton, assignors to Joseph Lucas Limited, Birmingham, England. Machine for winding coils for dynamoelectric machines. 2,546,567, Mar. 27.
Swigart Paper Co., assignee: *See*—
Page, William.
Swigerd, Robert C., Los Angeles, Calif. Fishing reel. 2,574,718, Nov. 13.
Swilik, Edward C.: *See*—
Davis, Archibald H., Harris, and Swilik.
Swindall, John L.: *See*—
Helliwell, Guy S., and Swindall.
Swindell-Dressler Corporation, assignee: *See*—
Dressler, Philip D., and Hopkins.
Swindells, Edwin, assignor of one-half to Brocklehurst-Whiston Amalgamated Limited, Macclesfield, England. Thread counting device. 2,575,144, Nov. 13.
Swinehart, Carl F., University Heights, Ohio, and M. Early, Cambridge, Mass., assignors to The Harshaw Chemical Company, Cleveland, Ohio. Purification of calcium fluoride and lithium fluoride and manufacture of macrocrystals thereof. 2,550,173, Apr. 24.
Swinehart, Merle R.: *See*—
Richardson, Linwood T., and Swinehart.
Swing, Charles E.: *See*—
Wittel, Otto, and Swing.
Woodhouse, Fred N., and Swing.
Swinnerton, Gerald, assignor, by mesne assignments, to National Camera Works, St. Louis, Mo. Shutter mechanism for cameras. 2,571,783, Oct. 16.
Swirkal, Hugo L., Inglewood, Calif. Peg board toy. 2,564,348, Aug. 14.
Swisher, Joseph R., and J. A. Soules, Decatur, Ill. Holder for garbage containers. 2,546,797, Mar. 27.
Swisher, Joseph R., Jr.: *See*—
Swisher, Joseph R., Sr., and J. R., Jr.
Swisher, Joseph R., Sr., and J. R., Jr., Decatur, Ill. Building construction. 2,568,133, Sept. 18.
Swiss, Jack: *See*—
Watson, William R., Jr., and Swiss.
Swiss, Jack, Murrysville, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Sealed heater element and the like. 2,538,808, Jan. 23.
Swiss Knitting Company, assignee: *See*—
Kattermann, Emil D.
Switlik Parachute Company, Inc., assignee: *See*—
Moran, Harold J.
Switzer, Eldred A., Vancouver, British Columbia, Canada. Carburetor. 2,538,986, Jan. 23.
Switzer, George W., Mill Valley, Calif. Time selector for electrical mechanisms. 2,545,055, Mar. 13.
Swoboda, John: *See*—
Buckley, William L., and Swoboda.
Swoboda, Karl: *See*—
Krainer, Helmuth, and Swoboda.
Swope, Thomas C.: *See*—
Wright, Louis D., and Swope.
Swormco, Inc., assignee: *See*—
Schworm, Louis, Jr.

Swyers, Charles C., Toledo, Ohio. Automatic marker buoy for lost objects. 2,572,676, Oct. 23.
Sybrandt, Lloyd V.: *See*—
Hartman, Vernon V., Sybrandt, and Force.
Sydney-Thomas Corporation, assignee: *See*—
Mehl, Jonah.
Sykes, Charles: *See*—
Kirkby, Henry W., and Sykes.
Sykes, Ernest R.: *See*—
Sandman, Eli, and Sykes.
Sykes, Harold N.: *See*—
Baron, Arthur J., and Sykes.
Sykes, John, assignor to Enfield Rolling Mills Limited, Enfield, England. Copper base alloys. 2,559,031, July 3.
Sykes, Thomas R., assignor to The Toronto Star Limited, Toronto, Ontario, Canada. Air circuit and valve for air saving. 2,539,709, Jan. 30.
Sylvan, Joseph, Berkley, Mich. Window assembly. 2,543,559, Feb. 27.
Sylvan, Joseph, Berkley, Mich. Counterweight for door structures. 2,543,612, Feb. 27.
Sylvan, Joseph, Berkley, Mich. Window and screen assembly. 2,549,031, Apr. 17.
Sylvan, Joseph, Berkley, Mich. Wall construction panel. 2,578,614, Dec. 11.
Sylvania Electric Products Inc., assignee: *See*—
Amico, Salvatore F.
Baker, Harold E., and Young.
Bennett, Richard G.
Brent, George D. P.
Brunner, George V., and Greski.
Butler, Keith H.
Casellini, Ezio T.
Chun, Herbert H., and Homer.
Doran, Robert F.
Ellefson, Bennett S.
Field, Eugene L., and Plusc.
Fine, Harold D., and Barker.
Fortney, David F., and Moran.
Gartner, Stanley J.
Gartner, Stanley J., and Kulberg.
Gehrke, Forrest E.
Gull, Roy A.
Haas, Paul.
Hagelston, Paul J., and Ives.
Harvey, Norman L.
Haven, Roger W.
Harrison, Shirley W.
Homer, Horace H.
Hutter, Rudolf G. E.
Ishler, Harry K.
Jacobs, Harold.
Janis, Peter.
Keilholtz, Gerald W., and Bergin.
Keilholtz, Gerald W., and Jerome.
Koury, Frederic.
Longacre, Henry C. M.
Mager, Eric L.
Mann, Oliver.
Meyer, Alvin D.
McCarthy, Henry J.
Merrill, John B., and Davis.
Moses, Robert C.
Nicholson, Madison G., Jr.
Nicholson, Madison G., Jr., and Scott.
Nitardy, Carl.
Norton, Clyde J.
O'Neill, James V., and Slinkman.
Pease, Marshall C., III.
Peek, Sanford C., Jr.
Pifer, Marion J., and Meyer.
Reid, Robert B.
Rochester, Nathaniel.
Scholes, Addison B., and Mann.
Taylor, Jay L., Jr.
Van Dyke, Walter H.
Wahtera, Olavi, and Schribner.
Wiley, Verlis H.
Sylvanus, August R., San Francisco, Calif. Pleat former and holder. 2,575,642, Nov. 20.
Sylvester & Company, assignee: *See*—
Schoenlaub, Robert A.
Sylvester, Earl O., San Leandro, Calif. Wind instrument and key mounting for the same. 2,569,029, Sept. 25.
Sylvester, John D.: *See*—
Messmer, Edwin E., and Sylvester.
Sylvester, La Clare, Bethel, Ohio. Rubber spring target trap. 2,540,303, Feb. 6.
Symington-Gould Corporation, The, assignee: *See*—
Barrows, Donald S.
Barrows, Donald S., and Blattner.
Blattner, Emil H.
Blattner, Emil H., and Couch.
Couch, Glenn F.
Symmes, Whitman, Kellogg, Idaho. Stripping cathode. 2,566,467, Sept. 4.
Symon, Keith R.: *See*—
Russell, Carl M., Symon, and Padesky.
Symons, Arthur H., assignor to Symons Clamp and Mfg. Company, Chicago, Ill. Tie rod for concrete wall forms. 2,580,330, Dec. 25.

Symons Clamp and Mfg. Company, assignee: *See*—
Symons, Arthur H.
Symons, Loren G., North Hollywood, Calif., assignor to Nordberg Manufacturing Company, Milwaukee, Wis. Gyratory ball mill having a gyrated chamber with a peripheral discharge. 2,540,358, Feb. 6.
Symons, Percy L., Portland, Oreg., assignor to Albina Engine & Machine Works, Inc. Water-cooled generator spray nozzle. 2,561,038, July 17.
Syncro Machine Company, assignee: *See*—
Bruestle, Carl O.
Syncromatic Corporation, assignee: *See*—
Jaye, Richard C.
Syndicate Glass, Inc., assignee: *See*—
Walker, Carl R.
Synek, Viktor, assignor to Aktiebolaget Svenska Kullagerfabriken, Goteborg, Sweden. Sealing device. 2,538,987, Jan. 23.
Synergistics, Inc., assignee: *See*—
Coler, Myron A.
Synnott, J. Bruce, Jr., assignee: *See*—
Daniel, Lester F.
Syntron Company, assignee: *See*—
Alvord, Grove D.
Gilbert, Walter J.
Gilbert, Walter, Sr.
Weyandt, Carl S., and Spurlin.
Syntex S. A., assignee: *See*—
Djerassi, Carl, Rosenkranz, and Berlin.
Kaufmann, Stephen, and Rosenkranz.
Rosenkranz, George, and Kaufmann.
Synthane Corporation, assignee: *See*—
Moss, Clarence B.
Syracusa, Michael, Chicago, Ill. Propeller handling mechanism. 2,536,614, Jan. 2.
Syracuse Chilled Plow Co., Inc., assignee: *See*—
Baker, Herbert N.
Cook, Curtis L., and Spurling.
Young, Austin E.
Syracuse Chilled Plow Company, Inc., assignee: *See*—
Cook, Curtiss L.
Syversen, Gustav A.: *See*—
Koehler, William C., and Syversen.
Syverud, Annar F., Minneapolis, Minn. Holder for cigarettes and matches. 2,548,828, Apr. 10.
Szabo, Henrik, assignor to Telefonaktiebolaget L M Ericsson, Stockholm, Sweden. Key operated switch. 2,554,223, May 22.
Szady, Leopold T., Detroit, assignor to Formsprag Company, Ferndale, Mich. Rotary one-way clutch. 2,561,600, July 24.
Szantay, Elmer, Chicago, Ill., assignor to Sandee Manufacturing Company. Hammer toy. 2,540,060, Jan. 30.
Szantay, Elmer, Chicago, Ill., assignor to Sandee Manufacturing Company. Hammer toy. 2,540,061, Jan. 30.
Szczeniowski, Boleslaw, Montreal, Quebec, Canada. Apparatus for producing high-intensity ultrasonic waves. 2,570,081, Oct. 2.
Szegho, Constantin S., assignor to The Rauland Corporation, Chicago, Ill. Kinescope projection by refractive optical system mounted on tube neck. 2,538,852, Jan. 23.
Szegho, Constantin S., Chicago, Ill., assignor to The Rauland Corporation. Cathode-ray tube. 2,564,737, Aug. 21.
Szegho, Constantin S., assignor to The Rauland Corporation, Chicago, Ill. Cathode-ray tube focusing system. 2,571,306, Oct. 16.
Szegho, Constantin S., Chicago, Ill., assignor to The Rauland Corporation. Electron gun for cathode-ray tubes. 2,573,287, Oct. 30.
Szegho, Constantin S., assignor to The Rauland Corporation, Chicago, Ill. Image converter tube. 2,575,033, Nov. 13.
Szegho, Constantin S., and T. G. Polanyi, assignors to The Rauland Corporation, Chicago, Ill. Television intercommunication system. 2,537,173, Jan. 9.
Szegho, Constantin S., and T. G. Polanyi, assignors to The Rauland Corporation, Chicago, Ill. Cathode-ray tube focusing system. 2,556,455, June 12.
Szegho, Constantin S., Chicago, and H. H. Boeing, Lake Zurich, Ill., assignors to The Rauland Corporation. Cathode-ray tube. 2,565,533, Aug. 28.
Szekely, O. E., & Associates, Inc., assignee: *See*—
Szekely, Otto E.
Szekely, Otto E., U. S. Navy. Rotary impact hand tool. 2,544,736, Mar. 13.
Szekely, Otto E., assignor, by mesne assignments, to O. E. Szekely & Associates, Inc., Philadelphia, Pa. Three-wheel steering assembly. 2,559,379, July 3.
Szemborn, Theodore M., assignee: *See*—
Belak, John J.
Szerenyi, Andrew: *See*—
Rollman, Heinz W., and Szerenyi.
Szetela, Casimere A., Adams, Mass., assignor to General Electric Company. Ratchet spanner wrench. 2,574,424, Nov. 6.
Sziklai, George C.: *See*—
Bedford, Alda C., and Sziklai.
Kell, Ray D., and Sziklai.

Sziklai, George C., Princeton, N. J., assignor to Radio Corporation of America. Color television receiving system. 2,545,420, Mar. 13.
Sziklai, George C., Princeton, N. J., assignor to Radio Corporation of America. Color television camera. 2,552,070, May 8.
Sziklai, George C., Princeton, N. J., assignor to Radio Corporation of America. Cathode-ray beam deflection circuit. 2,566,432, Sept. 4.
Sziklai, George C., Princeton, N, J., assignor to Radio Corporation of America. Color television system. 2,566,707, Sept. 4.
Sziklai, George C., Princeton, N. J., assignor to Radio Corporation of America. Color television. 2,567,040, Sept. 4.
Sziklai, George C., Princeton, N. J., assignor to Radio Corporation of America. Television system. 2,573,777, Nov. 6.
Sziklai, George C., Princeton, N. J., assignor to Radio Corporation of America. Electronic device. 2,577,164, Dec. 4.
Sziklai, George C., Princeton, N. J., assignor to Radio Corporation of America. Amplifier band width control. 2,579,345, Dec. 18.
Sziklai, George C., Princeton, N. J., and A. C. Schroeder, Feasterville, Pa., assignors to Radio Corporation of America. Kinescope for the reproduction of color images. 2,543,477, Feb. 27.
Sziklai, George C., Princeton, and M. Rosenberg, Trenton, N. J., assignors to Radio Corporation of America. Color television system. 2,548,829, Apr. 10.
Sziklai, George C., Princeton, N. J., and A. C. Schroeder, Feasterville, Pa., assignors to Radio Corporation of America. Color television camera. 2,552,386, May 8.
Sziklai, George C., Princeton, N. J., and R. R. Thalner, Reading, Mass., assignors to Radio Corporation of America. Tuning indicator. 2,556,828, June 12.
Sziklai, George C., and R. D. Kell, Princeton, N. J., assignors to Radio Corporation of America. Tube with electron velocity compensation. 2,563,197, Aug. 7.
Sziklai, George C., and W. A. Tolson, Princeton, N. J., assignors to Radio Corporation of America. Electrical generating apparatus. 2,576,652, Nov. 27.
Sziklay, Julius, New York, N. Y. Portable and foldable steam cabinet. 2,539,710, Jan. 30.
Szöke, Michel B., Buenos Aires, Argentina. Telephone handset support. 2,554,967, May 29.
Szonnell, Henry H., Dayton, Ohio. Top and launcher. 2,561,601, July 24.
Szopa, Ted V., Dallas, Tex. Multiple-use sheath knife. 2,545,121, Mar. 13.
Szwarc, Alexander, Montreal, Quebec, Canada. Manufacture of coated water-vapor proof paper and coating compositions. 2,538,397, Jan. 16.
Szwargulski, Alex N.: *See*—
Korte, Alfred C., and Szwargulski.
T. I. M. (Ticket-Issue Machines) Limited, assignee: *See*—
Ford, Harold F.
T-K Roofing Manufacturing Company, assignee: *See*—
Kashuba, Theodore H.
T-M-K Corporation, assignee: *See*—
Benson, Merle K.
T. M. M. (Research) Limited, assignee: *See*—
Foster, John R.
Haythornthwaite, James J.
T. & T. Vicars Limited, assignee: *See*—
Crosland, Edward M.
Naylor, Joseph F.
White, Percy.
Tabbert, Paul C., Bridgman, Mich. Rotary pump. 2,540,767, Feb. 6.
Tabbert, Paul C., Bridgman, Mich. Rowing and steering device for boats. 2,548,407, Apr. 10.
Taber, Albert: *See*—
Taber, William H. and A.
Taber, George H., Elmira, N. Y. Steering pilot. 2,577,490, Dec. 4.
Taber Instrument Corporation, assignee: *See*—
Taber, Ralph F.
Taber, Ralph F., Buffalo, assignor to Taber Instrument Corporation, North Tonawanda, N. Y. Plastic sheet creasing machine. 2,556,605, June 12.
Taber, William H. and A., Providence, R. I., assignors to Automotive & Marine Products Corporation. Vapor lubricator for motor vehicles. 2,541,129, Feb. 13.
Tabet, Georges E.: *See*—
Prichard, William W., and Tabet.
Tabet, Georges E., assignor to E. I. du Pont de Nemours and Company, Wilmington, Del. Carbonylation of aryl halides. 2,565,463, Aug. 28.
Tabet, Georges E., assignor to E. I. du Pont de Nemours and Company, Wilmington, Del. Carbonylation of aryl halides. 2,565,464, Aug. 28.
Tabet, Georges E., assignor to E. I. du Pont de Nemours and Company, Wilmington, Del. 7-chloro-6-ethoxy-3-heptenoic acid nitrile. 2,570,886, Oct. 9.
Tabet, Georges E., assignor to E. I. du Pont de Nemours and Company, Wilmington, Del. Dichloro-dialkoxy dodecadienes. 2,570,887, Oct. 9.
Tabet Manufacturing Company, Incorporated, assignee: *See*—
Tabet, Michael A.
Tabet, Michael A., assignor to Tabet Manufacturing Company, Incorporated, Norfolk, Va. Portable oil pump and tank. 2,552,749, May 15.
Tabke, Robert S.: *See*—
Holloway, Judson H., Tabke, and Parrett.
Tabor, Gordon W., deceased, Beaver Pond District, W. Va.; S. G. Tabor, administratrix. Hand-brake operating mechanism. 2,554,224, May 22.
Tabor Manufacturing Company, The, assignee: *See*—
Hedges, Harry O
Wiehsner, Raymond H.
Tabor-Olney Corporation, assignee: *See*—
Flosdorf, Earl W.
Tabor, Sadie G., administratrix: *See*—
Tabor, Gordon W.
Tacchella, Andrew J., Portland, Oreg., assignor, by mesne assignments, to Steady-Flow Freezer Co. Ice cream and frozen confection freezer and dispenser. 2,559,032, July 3.
Tacchella, Andrew J., Portland, Oreg., assignor, by mesne assignments, to Steady-Flow Freezer Co. Dispensing device having solenoid operated plunger and valve. 2,580,256, Dec. 25.
Tacchella, Andrew J., Portland, Oreg., assignor, by mesne assignments, to Steady-Flow Freezer Co. Device for moving ice-cream cones into position for receiving ice cream and then delivering them to a customer. 2,580,257, Dec. 25.
Tack, Carl E., assignor to American Steel Foundries, Chicago, Ill. Brake adjusting means. 2,550,731, May 1.
Tack, Carl E., Chicago, Ill. Surfacing wheels. 2,558,017, June 26.
Tack, Carl E., assignor to American Steel Foundries, Chicago, Ill. Brake head. 2,561,297, July 17.
Tack, Carl E., and F. E. Bachman, assignors to American Steel Foundries, Chicago, Ill. Brake arrangement and slack adjuster therefor. 2,550,732, May 1.
Tack, Carl E., and F. E. Bachman, assignors to American Steel Foundries, Chicago, Ill. Car truck brake arrangement. 2,550,733, May 1.
Tack, Carl E., and W. A. Helsten, assignors to American Steel Foundries, Chicago, Ill. Rotor brake. 2,567,157, Sept. 4.
Tackenberg, Richard C., Cincinnati, Ohio. Merchandise cart. 2,572,780, Oct. 23.
Tackett, Albert G., Bethel, Ohio. Trap hook. 2,572,535, Oct. 23.
Tackett, James R., and V. G. Evans, Olive Hill, Ky. Shaper attachment. 2,545,393, Mar. 13.
Taconis, Krijn W., Leiden, Netherlands. Process of and apparatus for heat pumping. 2,567,454, Sept. 11.
Tadewald, Albert O.: *See*—
Trane, Reuben N., and Tadewald.
Tadewald, Albert O., assignor to The Trane Company, La Crosse, Wis. Heat exchanger. 2,573,161, Oct. 30.
Tadinger, Paul, assignor to O. L. Ladner, Vienna, Austria. Padding for packings and manufacturing the same. 2,575,898, Nov. 20.
Taegtstroem (Ralph Vidar), Ingemar, assignor to The United States Time Corporation, Waterbury, Conn. Instrument case construction. 2,559,480, July 3.
Taggart, Chester R., Oak Park, Ill. Hose supporter. 2,543,207, Feb. 27.
Taggert, Wilmer R., Worcester, Mass. String propelled toy airplane and control device therefor. 2,538,132, Jan. 16.
Tainter, Maurice L., Albany, and E. T. Hinkel, Jr., Slingerlands, N. Y., assignors to Sterling Drug Inc., Wilmington, Del. Dentifrice compositions. 2,550,207, Apr. 24.
Tainton, Urlyn C.: *See*—
Noble, James H., Pottberg, and Tainton.
Tait, Thomas: *See*—
Howes, Donald A., Tait, Docksey, Birch, and Patridge.
Tal, Edward T., Milwaukee, Wis. Portable bending machine. 2,569,544, Oct. 2.
Talalay, Anselm, New Haven, assignor to The Sponge Rubber Products Company, Shelton, Conn. Resilient compressible fibrous product. 2,574,849, Nov. 13.
Talalay, Anselm, New Haven, and A. P. Barton, Hamden, assignors to The Sponge Rubber Products Company, Shelton, Conn. Reinforced fibrous porous cushioning material. 2,580,202, Dec. 25.
Talamini, Arthur J., Jr.: *See*—
Mulligan, James H., Jr., and Talamini.
Talan, Elwood S.: *See*—
Grupp, Alfred F., Rathke, Talan, and Watts.
Talbot, Albert M., Fair Haven, N. J., D. E. Furman, Annadale, N. Y., G. R. Brophy, and N. B. Pilling, Westfield, N. J., assignors to The International Nickel Company, Inc., New York, N. Y. Heat and creep resisting nickel alloy castings. 2,542,266, Feb. 20.
Talbot, Arthur, assignee: *See*—
Talbot, Joseph A.
Talbot, David B., Britton, assignor of one-tenth to H. S. Brimm, one-tenth to H. W. Sims, and one-fifth to F. W. Jones, Oklamoha City, Okla. Alarm system. 2,555,714, June 5.
Talbot, Edmund C., Fall River, Mass. Tethered projectile game. 2,577,637, Dec. 4.
Talbot, Geoffrey W.: *See*—
Ratcliffe, Alfred, and Talbot.

Talbot, Howard H., assignor to United Engineering & Foundry Company, Pittsburgh, Pa. Apparatus for coiling strip material. 2,556,149, June 5.
Talbot, Joseph A., assignor of one-half to A. Talbot, New Britain, Conn. Pivoted lever bottle cap remover. 2,551,511, May 1.
Talbot, Richard C., assignor to J. L. Ferguson Company, Joilet, Ill. Container sealer feeder and safety device. 2,546,281, Mar. 27.
Talboys, Henry H., assignor to Nordberg Manufacturing Company, Milwaukee, Wis. Machine operated track wrench. 2,552,655, May 15.
Talboys, Henry H., and H. E. Erickson, assignors to Nordberg Manufacturing Co., Milwaukee, Wis. Spike hammer. 2,575,535, Nov. 20.
Talens & Zoon N. V., assignee: *See*—
Strobosch, Jan.
Talet, Pierre A., assignor to Societe Nobel Francaise, Paris, France. Impregnating fiber sheets. 2,546,618, Mar. 27.
Talet, Pierre A., and P. Cor, said Talet assignor to Societe Nobel Francaise, Paris, France. Manufacturing plastic material of great mechanical strength. 2,572,407, Oct. 23.
Taliaferro, William R., Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Circuit breaker control system. 2,542,845, Feb. 20.
Taliaferro, William R., Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Circuit breaker. 2,550,128, Apr. 24.
Taliaferro, William R., Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Control system for circuit breakers. 2,569,353, Sept. 25.
Talladega Foundry and Machine Company, assignee: *See*—
Buckner, William H.
Tallaksen, Olaf, Chicago, Ill. Fish lure. 2,556,507, June 12.
Tallaksen, Olaf, Chicago, assignor of one-half to J. B. Lindecker, Skokie, Ill. Fishing lure. 2,569,119, Sept. 25.
Tallberg, Einar M., Detroit, Mich. Casting machine. 2,564,615, Aug. 14.
Talley, Samuel K.: *See*—
Harman, Denham, Thorpe, and Talley.
Tallman, Anna S., Seattle, Wash., assignor to Owens-Corning Fiberglas Corporation. Fibrous glass fabric. 2,552,124, May 8.
Tallman, Harland M., assignor to A. E. Braun, Wooster, Ohio. Spray gun shield. 2,555,826, June 5.
Tallman, Ralph C.: *See*—
Spillane, Leo J., and Tallman.
Tallman, Samuel C., Chatham, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Microphone damping system having rear openings. 2,540,498, Feb. 6.
Talmage, Franklin E.: *See*—
Stribling, Stiles C., Jr., Douglas, and Talmage.
Talmasky, Simon: *See*—
Gardère, Henri, and Talmasky.
Talmey, Paul: *See*—
Landon, Richard W., Talmey, and Gutzeit.
Talon, Inc., assignee: *See*—
Firing, Osborne.
Gibbons, Robert M., Jr.
Keech, Horace, and Poux.
Krihwan, Julius O.
Sundback, Gideon.
Taltavull, Ignacio G., Barselona, Spain. Synchronous, self-excited, self-regulated electrical machine. 2,546,877, Mar. 27.
Tama, Mario, Morrisville, Pa., assignor to Ajax Engineering Corporation, Trenton, N. J. Electromagnetic induction pump for molten metals. 2,536,325, Jan. 2.
Tama, Mario, Morrisville, Pa., assignor to Ajax Engineering Corporation, Trenton, N. J. Method and device for pumping molten metals. 2,536,859, Jan. 2.
Tama, Mario, Morrisville, Pa., assignor to Ajax Engineering Corporation, Trenton, N. J. Induction furnace. 2,539,800, Jan. 30.
Tama, Mario, Morrisville, Pa., assignor to Ajax Engineering Corporation, Trenton, N. J. Unidirectional flow in plurality chamber induction furnace. 2,541,841, Feb. 13.
Tama, Mario, Morrisville, Pa., assignor to Ajax Engineering Corporation, Trenton, N. J. Metal pumping and siphoning. 2,552,876, May 15.
Tamaro, Frank: *See*—
Barton, Charles K., Jr., and Tamaro.
Tamboli, Jamshed K., Bombay, India. Hydraulically cushioned and adjustable steering wheel. 2,549,345, Apr. 17.
Tamborello, Frank, Milwaukee, Wis. Electric hammer. 2,565,279, Aug. 21.
Tamburro, Francis P., Ozone Park, assignor to Willcox & Gibbs Sewing Machine Company, New York, N. Y. Flat-lock looper locking and adjusting means. 2,546,177, Mar. 27.
Tameling, Dorothy L. B., administratrix: *See*—
Bettcher, Mortimer L.
Tamka, Harold W., trustee, assignee: *See*—
McCurtain, Frank.
Tamm, Emil S., Plainfield, N. J., assignor to The Hoover Company, North Canton, Ohio. Motor bearing assembly. 2,536,784, Jan. 2.
Tammen and Denison, Inc., assignee: *See*—
Denison, William E.
Denison, William E., and Stone.
Tammen, Kathleen, Tucson, Ariz. Massage table. 2,548,408, Apr. 10.
Tamminga, William, Wallkill, N. Y., assignor to Monitor Process Corporation, Jersey City, N. J. Milk dispenser with quantity regulator. 2,567,683, Sept. 11.
Tamol, Adam, Buffalo, N. Y. Hedge and weed cutter. 2,548,077, Apr. 10.
Tamoschat, William, assignor to Daniel D. Zell, New York, N. Y. Cover securing means for containers. 2,536,785, Jan. 2.
Tampax Incorporated, assignee: *See*—
Wright, John H., and Lewing.
Tamsen, Rudolf N., assignor to Supurdisplay, Incorporated, Milwaukee, Wis. Popcorn warmer. 2,575,643, Nov. 20.
Tancred, William L., assignor to Jones & Lamson Machine Company, Springfield, Vt. Tracer mechanism. 2,562,284, July 31.
Tancred, William L., assignor to Jones & Lamson Machine Company, Springfield, Vt. Grinding wheel truing mechanism. 2,575,984, Nov. 20.
Tanczyn, Harry, Baltimore, Md., assignor to Armco Steel Corporation. Production of nitrogen-bearing stainless steel. 2,537,103, Jan. 9.
Tandler, William S., and D. S. Walker, assignors to Vendomatic Machine Corporation, New York, N. Y. Motor-operated article dispensing machine. 2,550,884, May 1.
Tandler, William S., and D. S. Walker, assignors to Industrial Scientific Company, New York, N. Y. System for controlling the operation of machining and cutting devices. 2,570,405, Oct. 9.
Tandler, William S., F. A. de Weiss, D. S. Walker, and J. L. Frering, assignors to Industrial Scientific Company, New York, N. Y. Three-wheel automotive vehicle. 2,574,199, Nov. 6.
Tanis, Thomas P., Philadelphia, assignor to Willson Products, Inc., Reading, Pa. Sunglass frames. 2,574,896, Nov. 13.
Tank, Franz, assignor to Gesellschaft zur Förderung der Forschung an der Eidg. Technischen Hochschule, Zurich, Zurich, Switzerland. Forming a vacuum-tight bond between ceramics and metals. 2,564,738, Aug. 21.
Tank, John K., Eureka, Calif. Fishing reel. 2,536,583, Jan. 2.
Tankersley, Vance C., Miles, Tex. Chicken brooder. 2,544,189, Mar. 6.
Tann, David, Detroit, Mich. Pulley. 2,571,393, Oct. 16.
Tannenberg, Joseph, Batavia, N. Y. Process and apparatus for dehydrating tissues prior to embedding in paraffin and the like. 2,562,966, Aug. 7.
Tannenberg, Joseph, Batavia, N. Y. Tissue embedding apparatus. 2,576,153, Nov. 27.
Tanner, Fritz, St. Gallen, assignor to G. Buhler, Uzwil, Switzerland. Sieve carrier adjustably suspended from machine frame and actuated by a free-swing drive. 2,563,081, Aug. 7.
Tanner, Herbert G., Frederick, Md. Apparatus and method to comminute solid particles in gas. 2,552,603, May 15.
Tanner, John S., Dallas, Tex. Dirt moving and throwing machine. 2,541,557, Feb. 13.
Tanner, Joseph A., Farnborough, England. Electric motor control system. 2,544,286, Mar. 6.
Tanner, Norman, assignor to Feedrail Corporation, New York, N. Y. Removable trolley for overhead ducts. 2,537,866, Jan. 9.
Tansey, John P.: *See*—
Schmid, John H., Tansey, and Seigel.
Tanski, Alex, Brooklyn, N. Y. Humidor tobacco pouch. 2,537,196, Jan. 9.
Tantimonaco, Leonardo, West Haven, Conn. Baby walker. 2,574,897, Nov. 13.
Tapke, Robert J., Cincinnati, Ohio. Surgical instrument. 2,536,145, Jan. 2.
Tapp, Alfred W., Jersey City, N. J. Curtain rod hanger. 2,565,280, Aug. 21.
Tappan Stove Company, The, assignee: *See*—
Mayer, Charles M.
Mayer, Charles M., and Hoff.
Tapper, Thomas M., Smelterville, Idaho. Inclined shaft mucking machine. 2,538,711, Jan. 16.
Tapper, Thomas P., Prospect Park, Pa., assignor to Baldwin-Lima-Hamilton Corporation. Degassing apparatus for platen presses. 2,558,796, July 3.
Tapping, Charles W.: *See*—
Gait, Arthur W. W., and Tapping.
Taras, John, Alpha, N. J., assignor to General Aniline & Film Corporation, New York, N. Y. Dyestuff compositions comprising esterified vat dyes and basic pyrazolones. 2,540,799, Feb. 6.
Tarasiuk, Michael, Chicago, Ill. Life saving elevator. 2,557,483, June 19.
Tarasuk, Michael, Detroit, Mich. Illuminated mirror. 2,580,258, Dec. 25.
Tarbox, John P., Philadelphia, Pa. Vamp and sole connection. 2,568,974, Sept. 25.
Tarby, Stephen E.: *See*—
Bairstow, Paul J., and Tarby.
Tarex S. A., assignee: *See*—
Bodmer, Ernest.

Tarkow, Harold: *See*—
Stamm, Alfred J., and Tarkow.
Tarlton, Frank H., Alvaston, assignor to Rolls-Royce Limited, Derby, England. Change-speed gear. 2,543,385, Feb. 27.
Tarlton, Lorrin C.: *See*—
Briscoe, Earnest H., Stone, and Tarlton.
Tarot, Ernest P., San Jose, Calif., assignor to Food Machinery and Chemical Corporation. Can-feeding mechanism. 2,577,546, Dec. 4.
Tarpinian, Samuel S., Hazel Park, Mich. Changeable exhibitor. 2,538,712, Jan. 16.
Tarpley, Lewis A., and C. H. Fleming, Louisville, Ky., assignors to Stokett Development Corporation. Apparatus for preparing coal dust for briquetting. 2,576,548, Nov. 27.
Tarrant, Fred K., Saratoga Springs, N. Y. Spreading device. 2,574,159, Nov. 6.
Tarrant, Paul: *See*—
Padbury, John J., and Tarrant.
Tarshis, Ralph, Brooklyn, assignor of one-third to S. Lehman, New York, and one-third to D. Laub, Brooklyn, N. Y. Slide rule with flexible calibration-carrying element. 2,546,243, Mar. 27.
Tartaglia, Richard A.: *See*—
Remington, Frederic, and Tartaglia.
Tarvin, Joe L., North Little Rock, Ark. Clothes hanger and bed tag for hospital beds. 2,560,494, July 10.
Tasche, Carl H., Los Angeles, Calif. Seed planter. 2,546,838, Mar. 27.
Tascher, Eugene S., Ingleside, Ill., assignor to National Biscuit Company, New York, N. Y. Sheet feeding mechanism. 2,559,235, July 3.
Tascher, Eugene S., Ingleside, and G. Brungard, Upper Montclair, N. J., assignors to National Biscuit Company, New York, N. Y. Package selector and loader. 2,547,292, Apr. 3.
Tash, Harry W.: *See*—
Gordon, Cecil O., Tash, Franklin, and Haffner.
Tashjian, David R., Baltimore, Md., assignor, by mesne assignments, to the United States of America as represented by the Secretary of the Navy. Radar apparatus. 2,541,009, Feb. 6.
Tashnek, Roy, assignee: *See*—
Haufrect, Fred.
Tasker, James D., Chicago, Ill. Electrically heated apparatus for fitting lens into frames. 2,544,514, Mar. 6.
Tassin, Maurice J., New Orleans, La. Electric door lock. 2,561,076, July 17.
Tasso, François: *See*—
Leonetti, François, and Tasso.
Tata Iron & Steel Co. Ltd., The, assignee: *See*—
Kuka, Kai-Kobad S.
Tatar, Fred, Gloversville, N. Y. Glove. 2,544,515, Mar. 6.
Tatar, Germaine, Detroit, Mich. Combined chair and cabinet. 2,547,547, Apr. 3.
Tate, Charles D., and B. E. Gramkee, assignors to Eastman Kodak Company, Rochester, N. Y. Photographic stencil. 2,552,233, May 8.
Tate, John R., Whittier, Calif. Harmonica. 2,565,100, Aug. 21.
Tate, Malcolm C., Stamford, Conn., assignor to Baldwin-Lima-Hamilton Corporation. Hydraulic weighing cell. 2,561,321, July 17.
Tateishi, Arthur, Toronto, Ontario, Canada. Record player assembly. 2,569,587, Oct. 2.
Tatem, John A., assignor to G. W. B. Electric Furnaces Limited, Dudley, England. Electrode type water boiler. 2,572,536, Oct. 23.
Tatem, John A., and A. Head, assignors of one-half to G. W. B. Electric Furnaces Limited, Dudley, England. Electrode type liquid heater. 2,542,439, Feb. 20.
Tatman, John L., assignee: *See*—
Sticker, Jesse E., Jr.
Tator, Kenneth: *See*—
Donnell, John W., and Tator.
Tatosian, Harry G., Bronx, assignor to King Kone Corporation, New York, N. Y. Endless band blade bread slicer. 2,569,545, Oct. 2.
Tatoul, Albert, West Palm Beach, Fla. Portable sunshade. 2,550,311, Apr. 24.
Tatra narodni podnik, assignee: *See*—
Březek, Rudolf.
Tatro, Lysle G., Los Angeles, assignor to J. B. Wood Corporation, West Los Angeles, Calif. Flash lamp igniter and shutter synchronizer. 2,542,164, Feb. 20.
Tatter, John W., Akron, Ohio. Combustion chamber scavenge pump. 2,563,885, Aug. 14.
Tatum, John C., assignor to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Colored reflex light reflector. 2,555,715, June 5.
Tau, Andrew, Columbia, Mo. Hairpin holder and opener. 2,550,621, Apr. 24.
Taub, Abraham, New York, N. Y., assignor, by mesne assignments, to B. Clayton, San Marino, Calif. Ointment base and iodine ointment. 2,550,622, Apr. 24.
Taube, David, Paris, France. Machine for cutting sheet materials. 2,578,637, Dec. 11.
Tauber, Samuel P., assignor to United States Rubber Company, New York, N. Y. Melter. 2,548,177, Apr. 10.
Taubert, Bernard, Geneva, Switzerland. Fluid- and dust-proof case. 2,574,671, Nov. 13.
Taubes, Ernest P.: *See*—
Maser, Herman G., and Taubes.
Taurman, Alphonso, Birmingham, Ala. Window. 2,566,433, Sept. 4.
Taus, Christian E., Snohomish, Wash. Device for washing and scraping the inside of fish. 2,536,826, Jan. 2.
Tavart Company, Ltd., assignee: *See*—
Smith, Norman W.
Tavi, Felix, New York, N. Y. Ski binding. 2,561,430, July 24.
Tawney, Gereld L., Hempstead, N. Y., assignor to The Sperry Corporation. Ultra high frequency power-selective protective device. 2,540,148, Feb. 6.
Tawney, Gereld L., Hempstead, assignor of sixty per cent to Atlantic Electronics Corporation, Port Washington, and forty per cent to M. Relson, Great Neck, N. Y. Electrode for diathermy apparatus or the like. 2,549,399, Apr. 17.
Tawney, Pliny O.: *See*—
Stiteler, Charles H., and Tawney.
Tawney, Pliny O., Passaic, N. J., assignor to United States Rubber Company, New York, N. Y. Soluble copolymers of allylic maleates with allylic alcohols. 2,546,798, Mar. 27.
Tawney, Pliny O., Passaic, N. J., assignor to United States Rubber Company, New York, N. Y. Interpolymers of castor-oil maleate. 2,551,352, May 1.
Tawney, Pliny O., Passaic, N. J., assignor to United States Rubber Company, New York, N. Y. Interpolymers of castor-oil maleate. 2,551,353, May 1.
Tawney, Pliny O., Passaic, N. J., assignor to United States Rubber Company, New York, N. Y. Soluble interpolymers of tris-2-alkenyl aconitates and 2-alkenyl chlorides. 2,553,430, May 15.
Tawney, Pliny O., Passaic, N. J., assignor to United States Rubber Company, New York, N. Y. Soluble interpolymers of tris-2-alkenyl aconitates, 2-alkenyl chlorides, and olefinic-benzenes. 2,553,431, May 15.
Tawney, Pliny O., Passaic, N. J., assignor to United States Rubber Company, New York, N. Y. Copolymerizates of 2-propenyl alcohols with di-2-propenyl itaconates. 2,556,989, June 12.
Tawney, Pliny O., Passaic, N. J., assignor to United States Rubber Company, New York, N. Y. Styrene-2-propenyl alcohol-di-2-propenyl itaconate interpolymer. 2,556,990, June 12.
Tawney, Pliny O., Passaic, N. J., assignor to United States Rubber Company, New York, N. Y. Interpolymers of polyolefinic 2-alkenyl olefinic alcohol esters with crotonaldehyde. 2,560,495, July 10.
Tawney, Pliny O., Passaic, N. J., assignor to United States Rubber Company, New York, N. Y. Soluble binary copolymers of allylic monoethers and poly-2-alkenyl esters. 2,561,153, July 17.
Tawney, Pliny O., Passaic, N. J., assignor to United States Rubber Company, New York, N. Y. Soluble ternary copolymers of styrene, allylic poly-2-alkenyl esters, and allylic monoethers. 2,561,154, July 17.
Tawney, Pliny O., Passaic, N. J., assignor to United States Rubber Company, New York, N. Y. Soluble, unsaturated, air-drying interpolymers of 2-alkenoxyalkyl esters of alpha-olefinic moncarboxylic acids with selected 2-alkenyl compounds and making same. 2,567,304, Sept. 11.
Tawney, Pliny O., Passaic, N. J., assignor to United States Rubber Company, New York, N. Y. Polymeric materials derived from di-2-propenyl phthalates. 2,568,872, Sept. 25.
Tawney, Pliny O., Passaic, N. J., assignor to United States Rubber Company, New York, N. Y. Acetone-soluble unsaturated copolymerizate of a di-2-alkenyl itaconate and a 2-alkenyl chloride. 2,569,959, Oct. 2.
Tawney, Pliny O., Passaic, N. J., assignor to United States Rubber Company, New York, N. Y. Acetone-soluble unsaturated interpolymer of a di-2-alkenyl itaconate, a styrene, and a 2-alkenyl chloride. 2,569,960, Oct. 2.
Tawney, Pliny O., Passaic, N. J., assignor to United States Rubber Company, New York, N. Y. Preparing esters of amine-substituted phosphonic acids. 2,570,503, Oct. 9.
Tawney, Pliny O., Passaic, N. J., assignor to United States Rubber Company, New York, N. Y. Interpolymers. 2,576,245, Nov. 27.
Tawney, Pliny O., Passaic, N. J., assignor to United States Rubber Company, New York, N. Y. Interpolymerization. 2,576,370, Nov. 27.
Tawney, Pliny O., Passaic, N. J., assignor to United States Rubber Company, New York, N. Y. Interpolymers of mono-2-alkenyl ethers of saturated monohydric alcohols or phenols with esters of saturated monohydric alcohols or phenols and alpha-unsaturated aliphatic carboxylic acids. 2,579,079, Dec. 18.
Taxin, Theodore, Washington, D. C. Window frame and sash assembly. 2,560,139, July 10.
Taylerson, Ewart S., Pittsburgh, Pa., assignor to United States Steel Company. Treating electrolytic coatings. 2,566,468, Sept. 4.
Taylor, Albert E.: *See*—
Woodard, Walter M., and Taylor.
Taylor, Albert H., Prince Georges County, Md. Wavemeter. 2,537,104, Jan. 9.
Taylor, Alfred E., assignee: *See*—
Moberg, Jerome E.
Taylor, Alvis W., Clovis, N. Mex. Combined cylinder head stand and valve spring compressor. 2,563,382, Aug. 7.

Taylor, Arnold M.: *See*—
Scholz, Herbert H., and Taylor.
Taylor, Arthur S.: *See*—
Stirn, Frank E., and Taylor.
Taylor, Auburn, Charleston, W. Va. Folding table. 2,546,323, Mar. 27.
Taylor, Augustus H., Cleveland Heights, Ohio, assignor to General Electric Company. Meter for measurement of reflectance. 2,565,151, Aug. 21.
Taylor, Bernard T., Scarboro, Ontario, Canada. Index tab. 2,541,791, Feb. 13.
Taylor, Bernard T., Scarborough, Ontario, Canada. Loose-leaf binder combination. 2,542,165, Feb. 20.
Taylor, Cecil A., and H. Hibbert, assignors to The Rawlplug Company Limited, London, England. Expanding fastener. 2,538,601, Jan. 16.
Taylor, Charles H.: *See*—
York, Raymond A., and Taylor.
Taylor, Charles H., West Springfield, Mass., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Suction cleaner having stepped front wheels to provide nozzle adjustment. 2,540,917, Feb. 6.
Taylor, Charles R., Lumberton, N. C. Tobacco sale calculator. 2,556,949, June 12.
Taylor, Charles R., and C. F. Staley, Middletown, Ohio, assignors to Armco Steel Corporation. Elimination of hydrogen from heats of killed steel. 2,548,849, Apr. 10.
Taylor, Clarence C.: *See*—
Leo, Herbert T., and Taylor.
Taylor, Clarence R., Rochester, N. Y. Card and photograph booklet. 2,564,085, Aug. 14.
Taylor, Claude C., Long Beach, and E. W. McGaffey, Oildale, assignors to McGaffey-Taylor Corporation, Long Beach, Calif. Well packer. 2,540,967, Feb. 6.
Taylor, Claude C., Long Beach, and E. W. McGaffey, Oildale, assignors to McGaffey-Taylor Corporation, Long Beach, Calif. Cementing tool. 2,575,603, Nov. 20.
Taylor, Clement F., Peabody, Mass., assignor to General Electric Company. Calibration of photovoltaic cells. 2,554,225, May 22.
Taylor, Clement F., Peabody, Mass., assignor to General Electric Company. Color temperature meter. 2,579,347, Dec. 18.
Taylor, Clyde C., Santa Ana, assignor to K. Wade and F. W. Robinson, Garden Grove, Calif. Combined turning and thread-cutting device. 2,549,141, Apr. 17.
Taylor, Clyde W., Jacksonville, Fla. Package carrying crutch attachment. 2,553,730, May 22.
Taylor, Colin B.: *See*—
Haworth, Lionel, and Taylor.
Taylor, Daniel G., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Control device. 2,545,056, Mar. 13.
Taylor, Daniel G., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Control apparatus. 2,578,026, Dec. 11.
Taylor, Donald R., Tullos, La. Sheet metal forming mechanism. 2,545,904, Mar. 20.
Taylor, Eben D.: *See*—
Ward, Loyd A. and Taylor.
Taylor, Edmund R., Pelham Manor, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signal receiving system. 2,572,216, Oct. 23.
Taylor, Edward L., Baltimore, Md. Stripping machine. 2,572,537, Oct. 23.
Taylor, Edward P., and A. Melville, assignors of one-half to Bleachers' Association Limited, Manchester, and one-half to Lockers (Engineers) Limited, Warrington, England. Fabric finishing apparatus. 2,566,075, Aug. 28.
Taylor, Edward R., Rocky River, and D. P. Armbruster, Cleveland Heights, Ohio. Refrigerator control. 2,563,973, Aug. 14.
Taylor, Elmer H.: *See*—
Swain, Kenneth W., and Taylor.
Taylor, Elmer H., assignor to The Chase-Shawmut Company, Newburyport, Mass. Tamper-resisting protective device. 2,565,827, Aug. 28.
Taylor, Everett E., Lindsay, Calif. Wheel suspension. 2,569,787, Oct. 2.
Taylor, Everett R., Piedmont, Calif. Rapid drying of lumber and other materials. 2,546,706, Mar. 27.
Taylor Fibre Co., assignee: *See*—
Scherer, Wayne R.
Taylor Forge & Pipe Works, assignee: *See*—
Taylor, James H.
Taylor, Frank S., Glasgow, Mont. Rifle construction. 2,547,180, Apr. 3.
Taylor, Frank W., Springfield, Mass., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Vending apparatus. 2,537,489, Jan. 9.
Taylor, Frederick J. D., Wembley Park, and D. G. Tucker, Amersham, England. Transmission efficiency tested by modulating carrier with low-frequency and measuring low-frequency modulation component. 2,558,886, July 3.
Taylor, Glen A., Crosby, Minn. Ice chisel. 2,570,732, Oct. 9.
Taylor, Halsey W., Co., assignee: *See*—
Freer, Clyde P.
Taylor, Hamilton D., Niskayuna, N. Y., assignor to General Electric Company. Dynamoelectric machine core mounting. 2,554,226, May 22.
Taylor, Hamilton D., Schenectady, N. Y., assignor to General Electric Company. Dynamoelectric machine rotor and winding. 2,575,932, Nov. 20.
Taylor, Harcourt M., assignee: *See*—
Weston, Roy.
Taylor, Harold, Trenton, N. J., assignor to Alexander Smith, Incorporated. Making carpet underlay. 2,575,851, Nov. 20.
Taylor, Herbert B.: *See*—
Camin, Etienne L. A., Hybinette, and Taylor.
Taylor, Homer L., Terre Haute, Ind. Rotating cutting-disk type mower. 2,551,817, May 8.
Taylor, Howard A., Temecula, assignor of one-half to M. L. Natland, Lomita, and one-half to L. Callahan, Long Beach, Calif. Drilling apparatus. 2,565,101, Aug. 21.
Taylor, Howard W., Danbury, Conn. Coating machine conveyer. 2,577,594, Dec. 4.
Taylor Instrument Companies, assignee: *See*—
Aldridge, Clarence F., and Brown.
Barnum, Granville F., and Hanna.
Liberatore, Laurence C.
Matner, Vincent E., Newell, and Shepardson.
Searles, George J.
Ziegler, John G.
Taylor, Jack, T. L. Osborne, and E. Tunnicliff, Leigh, assignors to British Insulated Callender's Cables Limited, London, England. Manufacture of insulated electric conductors. 2,565,634, Aug. 28.
Taylor, James: *See*—
Whetstone, John, and Taylor.
Taylor, James, Saltcoats, Scotland, assignor to Imperial Chemical Industries Limited. Nitrocellulose-containing composition and preparing same. 2,548,688, Apr. 10.
Taylor, James, Saltcoats, J. M. Holm, West Kilbride, and A. C. Hutchison, Saltcoats, Scotland, assignors to Imperial Chemical Industries Limited. Fumigating compositions. 2,578,858, Dec. 18.
Taylor, James C., Jr., Hendersonville, N. C. Maxillary mandibular relater. 2,554,277, May 22.
Taylor, James E., assignor to The Norden Laboratories Corporation, New York, N. Y. Electrical computer. 2,573,626, Oct. 30.
Taylor, James H., Oak Park, assignor to Taylor Forge & Pipe Works, Chicago, Ill. Machine for and method of making spiral pipes. 2,549,032, Apr. 17.
Taylor, James L., Manufacturing Company, assignee: *See*—
Quick, Lloyd.
Taylor, James P., Brooklyn, N. Y. Self-grip waterproof blow distributing shin guard. 2,553,612, May 22.
Taylor, James W., Sulphur, La. Crochet thread holder. 2,551,070, May 1.
Taylor, James Y., Garland, Tex. Liquid level gauge. 2,578,104, Dec. 11.
Taylor, James Y., Garland, Tex. Die-casting apparatus. 2,578,105, Dec. 11.
Taylor, James Y., Garland, Tex. Opaque projection apparatus with adjustable tray and platen means. 2,578,106, Dec. 11.
Taylor, James Y., Garland, Tex. Support for table for projectors or the like. 2,579,348, Dec. 18.
Taylor, Jay L., Jr., Los Angeles, Calif., assignor, by mesne assignments, to Sylvania Electric Products Inc., New York, N. Y. Superheterodyne receiver employing triode converters. 2,548,132, Apr. 10.
Taylor, John: *See*—
Cuppett, Charles H. and Taylor.
Taylor, John L., La Habra Heights, Calif., assignor to Keller Tool Company, Grand Haven, Mich. Power tool. 2,541,306, Feb. 13.
Taylor, John W., Jr., and W. S. Parnell, Baltimore, Md., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Pulse generating circuits. 2,568,419, Sept. 18.
Taylor, Joseph, Oklahoma City, Okla. Burglar alarm and trap. 2,579,214, Dec. 18.
Taylor, Joseph H., and H. O. Schomer, Minneapolis, Minn. Stocking run mender. 2,566,780, Sept. 4.
Taylor, Kenneth M., assignor to The Carborundum Company, Niagara Falls, N. Y. Abrasive wheel and method of manufacture thereof. 2,555,279, May 29.
Taylor, Kenneth M., assignor to The Carborundum Company, Niagara Falls, N. Y. Abrasive cutoff wheel. 2,564,217, Aug. 14.
Taylor, Lorenzo D., Lewiston, N. Y., assignor to Mathieson Chemical Corporation. Preservation of comestible materials. 2,546,568, Mar. 27.
Taylor, Marion A. D.: *See*—
Nelson, Charles R., Taylor, Davidson, and Peters.
Taylor, Marion D.: *See*—
Deahl, Thomas J., Stross, and Taylor.
Taylor, Marion D., Berkeley, assignor to Shell Development Company, San Francisco, Calif. Fume hood. 2,567,622, Sept. 11.
Taylor, Matthew M., Spondon, near Derby, England, assignor to Celanese Corporation of America. Yarn-carrying device. 2,577,928, Dec. 11.
Taylor, Matthew M., Spondon, near Derby, England, assignor to Celanese Corporation of America. Shuttle. 2,577,929, Dec. 11.

Taylor, Maurice K., Hollinwood, F. C. Williams, and R. H. A. Carter, Millbank, London, assignors to Ferranti Limited, Hollinwood, England. Control arrangement for thermionic valve systems. 2,541,558, Feb. 13.
Taylor, Maurice K., Hale, and L. C. Nield, Glossop; said Taylor assignor to Ferranti Limited, Hollinwood, and said Nield assignor to Tootal Broadhurst Lee Company, Limited, Manchester, England. Measurement of physical states of materials. 2,542,372, Feb. 20.
Taylor, Merritt I., Richmond, Va. Temperature responsive ventilator for beehives. 2,574,768, Nov. 13.
Taylor, Myron L., Hudson, Ohio. Variable vent parachute. 2,577,047, Dec. 4.
Taylor, Myron L., Hudson, Ohio. Variable vent parachute. 2,577,048, Dec. 4.
Taylor, Paul H., North Tonawanda, and R. E. Karnuth, Buffalo, N. Y., assignors to Curtiss-Wright Corporation. Aircraft control mechanism. 2,538,602, Jan. 16.
Taylor, Philander B., Larchmont, assignor to Cosmos Dental Products, Inc., New York, N. Y. Preparing plastic molding compositions. 2,567,978, Sept. 18.
Taylor, Philander B., Larchmont, assignor to Cosmos Dental Products, Inc., New York, N. Y. Dental impression compositions. 2,567,979, Sept. 18.
Taylor, Philip H., Los Angeles, assignor to Northrop Aircraft, Inc., Hawthorne, Calif. Reflecting telescope. 2,558,593, June 26.
Taylor, Philip H., Los Angeles, assignor to Northrop Aircraft, Inc., Hawthorne, Calif. Optical system for reflecting mirror telescope. 2,563,433, Aug. 7.
Taylor, Philip H., Los Angeles, assignor to Northrop Aircraft, Inc., Hawthorne, Calif. Infrared objective lens. 2,571,307, Oct. 16.
Taylor, Philip H., Los Angeles, assignor to Northrop Aircraft, Inc., Hawthorne, Calif. Paralleling lens system. 2,571,308, Oct. 16.
Taylor, Philip L., Abington, Mass., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Gas blast circuit breaker with trap for products of arcing. 2,570,610, Oct. 9.
Taylor-Phillips, Inc., assignee: *See*—
Barnes, John V.
Taylor, Preston D., Roswell, N. Mex. Adjustable pipe and casing rethreader and cleaner. 2,543,945, Mar. 6.
Taylor, Reginald, and G. T. Baker, Liverpool, England, assignors to Automatic Electric Laboratories, Inc., Chicago, Ill. Circuit for the transmission of identification and metering signals of calling lines. 2,550,208, Apr. 24.
Taylor, Reginald J., Wirral, England, assignor to Lever Brothers Company, Cambridge, Mass. Treatment of fatty oils. 2,573,509, Oct. 30.
Taylor, Robert: *See*—
Taylor, Robert E.
Taylor, Robert E., also known as Robert Taylor, Oakland, Calif. Vending or concession booth. 2,563,886, Aug. 14.
Taylor, Robert F., assignor to Commercial Solvents Corporation, Terre Haute, Ind. Purification of penicillin solutions. 2,538,713, Jan. 16.
Taylor, Robert H.: *See*—
Muskat, Irving E., and Taylor.
Taylor, Robert J., and R. C. Johnson, assignors, by mesne assignments, to Southern Research Institute, Birmingham, Ala. Yarn shed testing machine. 2,556,012, June 5.
Taylor, Robert J., and J. F. Davenport, Birmingham, Ala., assignors to McConnell Sales and Engineering Corporation. Apparatus for sizing and drying warp yarn. 2,572,288, Oct. 23.
Taylor, Robert W., U. S. Navy. Adjusting means for hydraulic governor compensating springs. 2,570,287, Oct. 9.
Taylor, Roderic D., Pacific Palisades, Calif. Rotary switch with floating contact arm. 2,538,174, Jan. 16.
Taylor, S. G., Chain Company, assignee: *See*—
Donda, Charles.
Taylor, Samuel K., Cleveland Heights, Ohio. Picker stick check. 2,549,262, Apr. 17.
Taylor, Samuel K., Cleveland Heights, Ohio. Modulating valve. 2,576,246, Nov. 27.
Taylor, Samuel M., Vallejo, Calif. Pivoted jaw closure remover with eccentric pivot. 2,578,379, Dec. 11.
Taylor-Shantz, Inc., assignee: *See*—
Hasselwander, Claude F.
Taylor, Smith & Taylor Company, The, assignee: *See*—
Bower, James A.
Taylor, Sterling G., Opp, Ala. Filling feeler for automatic looms. 2,556,562, June 12.
Taylor Stoker Company Limited, assignee: *See*—
Bird, Geoffrey W.
Taylor, Taylor & Hobson Limited, assignee: *See*—
Cook, Gordon H.
Reason, Richard E.
Taylor, Thomas I., New York, N. Y., assignor to the United States of America as represented by the United States Atomic Energy Commission. Vacuum distillation. 2,562,153, July 24.
Taylor, Walter E., Pascola, Mo. Bale weight gauge. 2,579,444, Dec. 18.
Taylor, Walter W., assignor to Malsbary Manufacturing Company, Oakland, Calif. Annular burner and surrounding baffle ring. 2,559,265, July 3.
Taylor, Walter W., Oakland, Calif. Fluid discharge gun. 2,579,625, Dec. 25.
Taylor, William E., Riverside, Conn., and H. W. Schmidt, Union, N. J., assignors to American Can Company, New York, N. Y. Container. 2,547,059, Apr. 3.
Taylor, William H.: *See*—
Jorgensen, Clarence H., and Taylor.
Taylor, William H., Big Bear Lake, Calif. Mechanically operated eraser for typewriters and the like. 2,558,280, June 26.
Taylor, William H., and D. S. Eaton, Pawtucket, R. I., assignors to The Clark Thread Company, Inc. Band placing apparatus. 2,539,936, Jan. 30.
Taylor, William I., Spondon, near Derby, England, assignor to Celanese Corporation of America. Production of textile materials. 2,541,305, Feb. 13.
Taylor, William I., Spondon, near Derby, England, assignor to Celanese Corporation of America. Production of artificial materials. 2,542,166, Feb. 20.
Taylor, William J., Tamaqua, Pa., assignor to Atlas Powder Company, Wilmington, Del. Explosive composition containing polybutene. 2,541,389, Feb. 13.
Taylor, William J., U. S. Navy. Propeller test unit. 2,551,649, May 8.
Taylor, William W.: *See*—
Lombardo, Samuel P., and Taylor.
Taylor, William W., Cincinnati, Ohio, assignor to Cincinnati Milling Machines Limited, Birmingham, England. Hydraulic valve operated by differential pressures. 2,536,965, Jan. 2.
Taylor-Wilson Manufacturing Company, assignee: *See*—
Stadelman, Joseph F.
Taylor-Winfield Corporation, The, assignee: *See*—
Humphrey, Stanley M.
Taylor, Wood N., Jr., Bernie, Mo. Convertible crib and table. 2,570,609, Oct. 9.
Tea, Clark A., assignor to The Murray Corporation of America, Detroit, Mich. Water level control device. 2,552,823, May 15.
Tea, Clark A., Detroit, and P. F. Aschman, Highland Park, assignors to The Murray Corporation of America, Detroit, Mich. Antisiphoning spray tube. 2,566,469, Sept. 4.
Teaf, John H., Delaware Township, Colwick County, and S. S. Cramer, Haddon Heights, assignors to Radio Condenser Company, Camden, N. J. Sequential tuner for radio sets. 2,563,664, Aug. 7.
Teague, George F., assignor to Whiting Hosiery Mills, Inc., Hickory, N. C. Needle selector mechanism for knitting machines. 2,579,161, Dec. 18.
Teague, Merwyn C., Sparta, N. J., assignor to United States Rubber Company, New York, N. Y. Making stretchable woven fabrics. 2,574,200, Nov. 6.
Teague, Walter D., Jr., Alpine, assignor to Bendix Aviation Corporation, Teterboro, N. J. Aircraft cabin pressure regulating means. Re. 23,445, Dec. 18.
Teague, Walter D., Jr., Alpine, assignor to Bendix Aviation Corporation, Teterboro, N. J. Position control servomotor. 2,542,167, Feb. 20.
Teague, Walter D., Jr., Alpine, assignor to Bendix Aviation Corporation, Teterboro, N. J. Fluid regulator. 2,556,829, June 12.
Teague, Walter D., Jr., Alpine, assignor to Bendix Aviation Corporation, Teterboro, N. J. Gas to hydraulic pressure transmitter or accumulator. 2,561,957, July 24.
Teague, Walter D., Jr., Alpine, assignor to Bendix Aviation Corporation, Teterboro, N. J. Pilot-operated relief valve. 2,573,231, Oct. 30.
Teague, Walter D., Annandale, N. J., G. M. Peltz, Kew Gardens, and C. W. Hubbinette, assignors to Behr-Manning Corporation, Troy, N. Y. Multioilstone. 2,558,325, June 26.
Teal, Gordon K.: *See*—
Fisher, Joseph R., and Teal.
Teal, Gordon K., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Producing rectifiers and rectifier material. 2,556,711, June 12.
Teal, Gordon K., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Light-sensitive electric device. 2,556,991, June 12.
Teal, Harry H.: *See*—
Kelly, John H., and Teal.
Tear, James D.: *See*—
Newell, William H., Tear, and Brown.
Tear, James D., Great Neck, N. Y., assignor to The Sperry Corporation. Gyroscopically controlled hydraulic actuating apparatus with follow-up and stabilizing mechanism. 2,559,577, July 3.
Teare, Margaret M., Buffalo, N. Y. Surgical sling. 2,539,677, Jan. 30.
Teare, William H., Ballston Lake, N. Y., assignor to General Electric Company. Electric discharge device. 2,541,842, Feb. 13.
Teasel, Chester C., Plymouth, assignor to National Foundry Sand Company, Detroit, Mich. Refractory material and making. 2,567,088, Sept. 4.
Tebbs, George W., Woodford Green, assignor to Headley Townsend Backhouse, Wentworth, Surrey, England. Front edge detector mechanism for use in sheet feeding apparatus. 2,579,406, Dec. 18.
Tebo, David A.: *See*—
Phanuef, Joseph R., and Tebo.

Tecalemit Limited, assignee: *See—*
Le Claire, Camille C. S.
Tech, Kurt O.: *See—*
Cross, Ralph E., and Tech.
Technical Coatings, Inc., assignee: *See—*
Snow, Floyd E.
Technical Service Incorporated, assignee: *See—*
Bullock, Edward A., and Outland.
Technicolor Motion Picture Corporation, assignee: *See—*
Andreas, John M.
Bennes, Charles D.
Clark, John R., Jr.
Clark, Lauriston E.
Clark, Lauriston E., and Andreas.
Clark, Lauriston E., and Oliver.
Griffith, Everette E., Jr.
Kienninger, John F.
Klemola, Harold H.
Pohl, Wadsworth E.
Rackett, Gerald F.
Technicon Cardiograph Corporation, assignee: *See—*
Lukacs, Joseph.
Technicon Chemical Company, Inc., assignee: *See—*
Ferrari, Andres, Jr.
Technicraft Laboratories, Inc., assignee: *See—*
Candee, Ellsworth T.
Technology Instrument Corporation, assignee: *See—*
Burgess, Lauren M.
Searle, Raymond W.
Tecumseh Products Company, assignee: *See—*
O'Neill, Charles B.
Tecumseh Refrigeration Sales and Engineering Company, assignee: *See—*
Touborg, Jens.
Touborg, Jens K.
Teders, Jan, Jr., Amsterdam, Netherlands. Revolving flap-chair. 2,565,408, Aug. 21.
Tedstrom, A. W., administrator: *See—*
King, Frank A.
Teegarden, Otto V., assignor to V. Stephenson, Goshen, Ind. Differential support for hoists. 2,543,260, Feb. 27.
Teegen, Hermann, Bunde, Westfalia, assignor to Lohmann-Werke A. G., Bielefeld, Germany. Preparing ignitable mixtures. 2,578,380, Dec. 11.
Teel, George M., Danvers, Mass. Fishing signaling device. 2,541,307, Feb. 13.
Teel, William R., Centrahoma, Okla., assignor of one-half to A. W. White, Colby, Kans. Fishing appliance. 2,560,905, July 17.
Teela, R. J., assignee: *See—*
Lund, Clarence L.
Teeman, Ruben W., and F. N. Kolberg, Sioux Falls, S. Dak., assignors, by mesne assignments, to Kolman Manufacturing Company. Grain drying and cooling apparatus. 2,537,379, Jan. 9.
Teeple, John H., Caldwell, N. J., and A. Strickler, Los Angeles, Calif., assignors to Celanese Corporation of America, New York, N. Y. Light directing means in a system for measuring thickness of transparent sheets. 2,578,859, Dec. 18.
Teeter, Howard M., and J. C. Cowan, Peoria, Ill., assignors to the United States of America as represented by the Secretary of Agriculture. Halogenated unsaturated higher fatty acids and derivatives. 2,557,159, June 19.
Teeter, Robert L., and H. B. Jones, Kingsport, Tenn., assignors to Eastman Kodak Company, Rochester, N. Y. Acid concentration. 2,541,486, Feb. 13.
Teeter, Wilford H., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,573,288, Oct. 30.
Teeters, Wilbur O., Norwood, N. J., assignor, by mesne assignments, to the United States of America as represented by the United States Atomic Energy Commission. Diaphragm valve. 2,575,775, Nov. 20.
Teetor, Don H., Hagerstown, Ind. Pumping apparatus. 2,580,331, Dec. 25.
Teetor, Don H., Hagerstown, Ind. Pumping apparatus. 2,580,332, Dec. 25.
Teetor, Macy O., New Castle, Ind. Magnetic holder for display cards. 2,557,398, June 19.
Teetor, Macy O., New Castle, Ind. Magnetic holder for display cards. 2,557,399, June 19.
Tefft, Albert A., Pawtucket, R. I. Combination tool. 2,579,768, Dec. 25.
Tegarty, John B., Lakewood, Ohio. Clothespin. 2,547,349, Apr. 3.
Tegarty, John B., Mentor, assignor to J. W. Macklin, Cleveland, Ohio, trustee. Plastic clothespin. 2,562,751, July 31.
Tegge, Bruce R.: *See—*
Fenske, Merrell R., and Tegge.
Nelson, Joseph F., and Tegge.
Teglas, Albert J., Niles, and L. C. Perry, Youngstown, Ohio; said Teglas assignor to said Perry. Rotatable bench vise with separable jaw-carrying element. 2,565,999, Aug. 28.
Teglund, Gustav A., Gustavasberg, Sweden. Pipe fitting. 2,562,967, Aug. 7.
Te Grotenhuis, Theodore A., Olmsted Falls, assignor to The General Tire & Rubber Company, Akron, Ohio. Compounding rubbery polymers. 2,538,809, Jan. 23.
Te Grotenhuis, Theodore A., Olmsted Falls, and G. H. Swart, assignors to The General Tire and Rubber Company, Akron, Ohio. Copolymers of 3,4 or 3,5-dichloro alpha methyl-styrene with fluoroethylenes. 2,548,504, Apr. 10.
Teichman, Sol G., assignee: *See—*
Pentel, Leon.
Teichmann, Charles F.: *See—*
Stratford, William M., Teichmann, and Herzog.
Teichmann, Charles F., Crestwood, assignor to Texaco Development Corporation, New York, N. Y. Radiation detection. 2,562,969, Aug. 7.
Teichmann, Charles F., Mount Vernon, assignor to Texaco Development Corporation, New York, N. Y. Radioactive exploration. 2,557,158, June 19.
Teichmann, Charles F., Mount Vernon, N. Y., B. D. Lee, and A. H. Lord, Jr., Houston, Tex., assignors to The Texas Company, New York, N. Y. Prospecting. 2,562,968, Aug. 7.
Teichmann, Henry F., Washington, Pa., assignor, by mesne assignments, to Glafent Corporation. Apparatus for the production of blown-glass articles. 2,556,237, June 12.
Teichner, Alfred: *See—*
Stern, Sam, and Teichner.
Tejada-Flores, Luis H., Pasadena, Calif. Electric circuit breaker control system. 2,564,179, Aug. 14.
Telasco, Joseph, New York, N. Y. Slide rule. 2,564,616, Aug. 14.
Telautograph Corporation, assignee: *See—*
Morris, Richard L., and Detweiler.
Telechron, Inc., assignee: *See—*
De Millar, Floyd O.
Faustini, Albert J.
Phaneuf, Edgar A.
Teleflex Antenna Co., assignee: *See—*
Hamel, Edward C., Brown, and Pond.
Teleflex Products Limited, assignee: *See—*
Pile, Sydney.
Telefonaktiebolaget, L. M. Ericsson, assignee: *See—*
Ahlberg, Lars F. B., and Sundberg.
Alfven, Hannes, and Romanus.
Andersson, Albert E.
Blackmark, Nils E. G., and Jansson.
Bjerknes, Johan C.
Emanuelsson, Gunnar G.
Hullegård, Erik W.
Jacobaeus, Anton C.
Johnson, Karl G.
Jörgensen, Anders O.
Lundkvist, Karl A.
Sidenmark, Nils O. H.
Styren, Knut O. I.
Szabo, Henrik.
Vigren, Sten D., Broberg, and Thielers.
Telegraph Condenser Company Limited, The, assignee: *See—*
Sporing, Percy A.
Telegraph Construction and Maintenance Company Limited, The, assignee: *See—*
Dean, John N., and Smith.
Telematic Corporation, assignee: *See—*
Sliwinski, Eugene T.
Telephone Laboratories, Incorporated, assignee: *See—*
Hecht, George.
Teleregister Corporation, The, assignee: *See—*
Kamm, Lawrence J.
May, Harold F.
Schmidt, Edwin L.
Tele-Tone Radio Corporation, assignee: *See—*
Ehrlich, Charles N.
Lidz, Sidney.
Neuwirth, Paul.
Ostreicher, Warren J.
Teletype Corporation, assignee: *See—*
Baldwin, Edward T.
De Boo, Jerome L.
Gemmel, Wilbur R.
Goetz, Maurus T.
Gubisch, Erwin A.
Halvorsen, Ralph H.
Hansen, Theodore A.
Keyes, George G., and Sim.
Martindell, Frank.
Nilson, Arthur N.
Nilson, Arthur N., Thienemann, and Zenner.
Potts, Louis M.
Slayton, Ransom C.
Smessaert, Raymond R., and Vee.
Wampach, Robert G.
Zenner, Walter J.
Teletypesetter Corporation, assignee: *See—*
Przysiecki, Theodore I.
Tell & Usher Limited, assignee: *See—*
Lockwood, Arthur R., and Swift.
Tellegen, Bernardus D. H.: *See—*
Van Loon, Carel J., and Tellegen.
Teller, Charles H.: *See—*
Marsell, Philip A., and Teller.
Teller, Clarence R., Duluth, Minn. Ladder or ramp for boats. 2,536,966, Jan. 2.
Teller, Myron S., Kingston, N. Y. Match book. 2,574,201, Nov. 6.

Tellfors, Herbert G., Chicago, assignor to Clybourne Machine Corporation, Cook County, Ill. Ticket pasting machine. 2,547,508, Apr. 3.
Tellier, Joseph C., Penn Wynne, assignor, by mesne assignments, to Philco Corporation, Philadelphia, Pa. Superregenerator. 2,553,219, May 15.
Tellier, Joseph C., Penn Wynne, assignor to Philco Corporation, Philadelphia, Pa. Tuning aid for radio receivers. 2,560,312, July 10.
Tellier, Joseph C., Penn Wynne, assignor to Philco Corporation, Philadelphia, Pa. Manual tuning system for radio receivers. 2,560,313, July 10.
Tellier, Joseph C., Penn Wynne, assignor, by mesne assignments, to Philco Corporation, Philadelphia, Pa. Tuning aid for frequency-modulation receivers. 2,571,309, Oct. 16.
Tellier, Joseph C., Penn Wynne, and A. R. Alter, assignors to Philco Corporation, Philadelphia, Pa. Phase detector. 2,554,391, May 22.
Tellock, Harold C., assignor to Tucker Corporation, Chicago, Ill. Suspension frame bumper. 2,571,784, Oct. 16.
Telrex, Inc., assignee: *See*—
Ercolino, Michael D.
Temby, Randall U.: *See*—
Harworth, Keith K., and Temby.
Temko, Richard S.: *See*—
Simon, Justin, and Temko.
Tempe, Andre, West Orange, N. J. Feed roll. 2,561,761, July 24.
Temple, George L., Clayton, N. J., assignor to Radio Corporation of America. Radio dial and dial drive. 2,571,498, Oct. 16.
Temple, Harold F.: *See*—
Muscat, Victor, and Temple.
Temple, Hiram E., Los Angeles, Calif., assignor, by mesne assignments, to Read Standard Corporation. Continuously operating variable speed loading mechanism for baking ovens. 2,561,542, July 24.
Temple, Mervyn, London, England. Rouleau turner. 2,570,012, Oct. 2.
Temple, Robert, Swissvale, Pa., assignor to Temple Velocity Equipment, Inc., Wilmington, Del. Compression tool. 2,566,000, Aug. 28.
Temple, Robert, Swissvale, Pa., assignor to Temple Velocity Equipment, Inc., Wilmington, Del. Explosively actuated anchor for mine roof bolts. 2,573,880, Nov. 6.
Temple, Robert, Swissvale, Pa., assignor to Temple Velocity Equipment, Inc., Wilmington, Del. Explosively driven stud with knock-off head portion. 2,575,079, Nov. 13.
Temple, Scott E., Downey, assignor to Union Oil Company of California, Los Angeles, Calif. Composition and treatment of drilling fluids. 2,571,093, Oct. 16.
Temple, Stanley A., Lakewood, assignor, by mesne assignments, to Portable Industries, Inc., Cleveland, Ohio. Breechblock for explosively actuated fastening tools. 2,549,993, Apr. 24.
Temple Velocity Equipment, Inc., assignee: *See*—
Temple, Robert.
Templeman, D. R., Co., assignee: *See*—
Templeman, David R.
Templeman, David R., assignor to D. R. Templeton Co., Plainville, Conn. Wrist watch band. 2,564,652, Aug. 14.
Templeton, Emma M., executrix: *See*—
Templeton, Fred H.
Templeton, Fred H., deceased, Hayward; E. M. Templeton, executrix, assignor to Templeton Harvester, Inc., Oakland, Calif. Cutterhead for harvesting machines. 2,543,386, Feb. 27.
Templeton Harvester, Inc., assignee: *See*—
Templeton, Fred H.
Templeton, John B., Dallas, Tex. Bracket for supporting roadway overhang forms. 2,564,935, Aug. 21.
Templin, Richard L., New Kensington, assignor to Aluminum Company of America, Pittsburgh, Pa. Extrusion die and method. 2,559,523, July 3.
Tempus Manufacturing Company, assignee: *See*—
Peter, Albert, and Kainen.
Ten Bosch, Maurits, White Plains, and P. H. Lang, Katonah, assignors to The Norden Laboratories Corporation, White Plains, N. Y. Torque amplifier. 2,576,863, Nov. 27.
Ten Boske, Johan A., and E. G. Dorgelo, Eindhoven, Netherlands, assignors to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Electron discharge tube assembly. 2,563,434, Aug. 7.
Ten Cate, Arthur C.: *See*—
Albrecht, Albert W., Mastney, and Ten Cate.
Ten Hoeve Brothers, assignee: *See*—
Vreeland, Cornelius D., Jr.
Ten Hoeve, Edward: *See*—
Ten Hoeve, Marinus and E., and De Korte.
Ten Hoeve, Marinus, Fair Lawn, E. Ten Hoeve, North Haledon, and P. De Korte, Fair Lawn, N. J. Transparent display holder. 2,540,221, Feb. 6.
Tench, John D., Prospect Park, assignor to Sun Oil Company, Philadelphia, Pa. Extruding nozzle. 2,572,677, Oct. 23.
Tendall, Orville E., Hopkins, assignor of one-half to S. L. Tendall, Northfield, Minn. Fire alarm system. 2,549,645, Apr. 17.
Tendall, Severt L., assignee: *See*—
Tendall, Orville E.
Tenderet Corp., assignee: *See*—
Abbott, Scott M.
Tenenbaum, David: *See*—
Reed, Raymond E., Tenenbaum, and D. Beste.
Tener, Wallis M., Richmond, Va. Elapsed time recorder. 2,543,946, Mar. 6.
Tenety, Helen M., executrix: *See*—
Tenety, Vincent J.
Tenety, Vincent J., deceased, Jersey City, N. J.; H. M. Tenety, executrix of said V. J. Tenety. Machine for transfer printing onto curved surfaces. 2,542,063, Feb. 20.
Tengesdahl, Ingolf C., assignee: *See*—
Williams, Charles H.
Tengstedt, Karl H., and H. M. Peper, Baltimore, Md. Masonry mortar gauging machine. 2,551,911, May 8.
Tenhengel, Peter: *See*—
Bowden, Thomas A., and Tenhengel.
Tenn, Harold A., Honolulu, Territory of Hawaii. Swimaction fish lure. 2,538,484, Jan. 16.
Tennant, Albert S.: *See*—
Myers, William R., and Tennant.
Tennant, Albert S., South Charleston, W. Va. Dividing attachment for lathes. 2,565,787, Aug. 28.
Tennant, G. H., Company, assignee: *See*—
Anderson, Wilford A.
Tennent, Howard G.: *See*—
Klug, Eugene D., and Tennent.
Tennessee Coal, Iron and Railroad Company, assignee: *See*—
Camp, James B.
Lytle, Clark K.
Osgood, Rollin D.
Watson, Charles T.
Tennessee Copper Company, assignee: *See*—
Booton, Leon W.
Hardin, William A.
Nikitin, Alexander A.
Tennessee Fabricating Company, assignee: *See*—
Fink, Maurice W.
Tennessee Products and Chemical Corporation, assignee: *See*—
Berl, Leo.
Kamlet, Jonas.
Kamlet, Mortimer J.
Tennessee Products Corporation, assignee: *See*—
Hall, Horace E.
Tennessee Valley Authority, assignee: *See*—
Darwin, William N.
Gilbert, Nathan, and Hobbs.
Hatker, Norman W.
McDaniel, William T., Jr., and Le Grand.
Miller, Philip.
Potts, James E., Jr.
Skolnik, Sol, and Bridger.
Tennessee Valley Authority, United States of America as represented by the, assignee: *See*—
Saeman, Walter C.
Tenney Engineering, Inc., assignee: *See*—
Warren, Thomas L.
Te Nuyl, Johannus A., Delft, Netherlands, assignor to Shell Development Company, San Francisco, Calif. Wide range liquid fuel burner and method for increasing adjustability range of whirl-type atomizing burners. 2,579,215, Dec. 18.
Teopilian, Aram, Brooklyn, N. Y. Hair curler clamping bobbin. 2,536,705, Jan. 2.
Teplitz, Alfred, Pittsburgh, Pa., assignor to United States Steel Company. Method and apparatus for introducing coils of metal strip to processing lines. 2,561,543, July 24.
Teplow, Jacqueline S.: *See*—
Sersté, Jacques E., Teplow, and Paul and Pierre Sersté.
Terauchi, Seichi, Honolulu, territory of Hawaii. Soap dissolver and mixer. 2,537,716, Jan. 9.
Terdina, Frank: *See*—
Skidmore, Wallace E., Person, and Terdina.
Terhaar, Ferdinand H., Los Angeles, Calif. Respirator. 2,543,426, Feb. 27.
Terlinde, Edward H., St. Paul, Minn. Illuminated handbag. 2,554,603, May 29.
Terlinde, Edward H., St. Paul, Minn. Accordion microphone. 2,577,288, Dec. 4.
Terminal Warehouse Company, assignee: *See*—
Dickson, Benjamin A.
Termite Drills, Inc., assignee: *See*—
Stokes, Stanley A.
"Terni" Societa per l'Industria e l'Electtricita, assignee: *See*—
De Gaspari, Vittorio, and Bartocci.
Ternullo, Gaetana, San Francisco, Calif. Scraping utensil having an oval bowl. 2,541,559, Feb. 13.
Terranova, Pasquale, Bronx, N. Y. Shock absorbing vehicle bumper. 2,573,510, Oct. 30.
Terrell, Edward, London, England. Fountain pen. 2,542,267, Feb. 20.
Terrell Machine Company, The, assignee: *See*—
Hinson, Odus C.

Terrill, Earl B., Jr.: *See*—
Scherger, Milton H., and Terrill.
Terrill, Earl B., Jr., Evanston, assignor to Mills Industries, Incorporated, Chicago, Ill. Absorption refrigeration apparatus. 2,552,071, May 8.
Terroni, Teseo B. D., and J. E. T. Parker, assignors to Automatic Telephone & Electric Company Limited, Liverpool, England. Electrical signaling system. 2,550,312, Apr. 24.
Terry, David E., and D. H. Wheeler, Minneapolis, Minn., assignors to General Mills, Inc. Plasticized polyvinyl resin compositions. 2,559,177, July 3.
Terry, Edward J., Flint, Mich., and G. R. McCormick, Ilion, N. Y., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Flushing nozzle. 2,569,588, Oct. 2.
Terry, Herbert: *See*—
Schoenholz, Daniel, and Terry.
Terry, Matson C.: *See*—
Peltier, Frank D., and Terry.
Terry, Michael J., Jr., Beverly, Mass. Guide level for boring drills. 2,551,301, May 1.
Terry, Philip B., Jr., Hingham, and H. R. Stodder, Holbrook, Mass. Therapeutic traction device. 2,573,162, Oct. 30.
Terry, Preston, Overland, Mo. Ditching attachment for grader blades. 2,556,508, June 12.
Terry, Robert I., Jr., Indianapolis, Ind., assignor to Gulf Oil Corporation, Pittsburgh, Pa. Core lowering device. 2,556,404, June 12.
Terry, Victor J., London, England, assignor to International Standard Electric Corporation, New York, N. Y. Telegraph relay. 2,579,523, Dec. 25.
Terry, Victor J., T. F. S. Hargreaves, and W. F. Gould, London, England, assignors to International Standard Electric Corporation, New York, N. Y. Voice-frequency signaling system. 2,572,074, Oct. 23.
Terry, Victor J., and T. F. S. Hargreaves, London, England, assignors to International Standard Electric Corporation. Modulator for carrier telegraph systems. 2,579,524, Dec. 25.
Teruzzi, Angelo, Milan, Italy. Electric contact breaker. 2,550,623, Apr. 24.
Terwilliger, Harry, Weidman, Mich. Fish net support. 2,564,513, Aug. 14.
Tesar, Adolph O.: *See*—
King, Burnham W., Jr., and Tesar.
Tesiero, Thomas R., Amsterdam, N. Y. Ice-cream dispenser. 2,558,887, July 3.
Tesla, Electrical and Radio Industry, assignee: *See*—
Carniol, Bohdan T.
Tesla National Corporation, assignee: *See*—
Špaček, Antonín.
Tesla, slaboproude a radiotechnicke závody, národní podnick, assignee: *See*—
Merhaut, Josef.
Tessier, Joseph D., Worcester, Mass. Universal device for shutting off sprinkler nozzles. 2,538,485, Jan. 16.
Tessier, Julien, Clamart, France. Margining device for use in positive printing. 2,549,544, Apr. 17.
Tessier, Richard E., North Hollywood, Calif. Motor vehicle headlight system. 2,558,281, June 26.
Tessmer, Raymond G., Tonawanda, assignor to A. Jacobowitz, Buffalo, N. Y. Liquid filter. 2,544,402, Mar. 6.
Test, Meyer J., Kansas City, Mo., and S. Krasnow, Fairfax, Va., assignors to Schlumberger Well Surveying Corporation, Houston, Tex. Geiger-Müller tube mounting. 2,546,048, Mar. 20.
Testi, Nicholas, assignor to Gillette Safety Razor Company, Boston, Mass. Blade magazine. 2,536,109, Jan. 2.
Testi, Nicholas, assignor to Gillette Safety Razor Company, Boston, Mass. Blade dispensing magazine. 2,557,323, June 19.
Testi, Nicholas, assignor to Gillette Safety Razor Company, Boston, Mass. Safety razor and magazine. 2,566,043, Aug. 28.
Teston, Rebecca O., Glenbrook, assignor to Eastern Rubber Specialties, South Norwalk, Conn. Manufacture of rubber articles. 2,550,206, Apr. 24.
Teston, Rebecca O., Glenbrook, assignor to Eastern Rubber Specialties, South Norwalk, Conn. Manufacture of rubber articles. 2,574,719, Nov. 13.
Testut, Leonce C.: *See*—
Zanetti, Angelo, and Testut.
Teszner, Stanislas, assignor to Forges et Ateliers de Constructions Electriques de Jeumont, Paris, France. Lightning arrester. 2,554,278, May 22.
Teszner, Stanislas, Paris, France. Ultrahigh-frequency pulse oscillator. 2,575,200, Nov. 13.
Teter, Howard W., Wellesley, Mass. Measuring instrument with registering means. 2,577,491, Dec. 4.
Teter, Howard W., Wellesley, Mass. Measuring instrument, including registering means. 2,577,492, Dec. 4.
Teter, John W.: *See*—
Bauer, Oscar W., and Teter.
Teter, John W., Chicago, Ill., assignor to Sinclair Refining Company, New York, N. Y. Selective adsorption of olefins. 2,543,614, Feb. 27.
Teter, John W., Chicago, Ill., assignor to Sinclair Refining Company, New York, N. Y. Azeotropic distillation of naphthalenes. 2,551,912, May 8.
Teter, John W., Chicago, Ill., assignor to Sinclair Refining Company, New York, N. Y. Preparing nitriles and pyridines. 2,567,254, Sept. 11.
Teter, John W., and J. L. Mostek, Chicago, Ill., assignors to Sinclair Refining Company, New York, N. Y. Production of bis-cyanoalkyl amines by ammonolysis of chloralkyl cyanides. 2,552,072, May 8.
Teters, Tinie R., Fayette, Mo. Auto washing mat. 2,572,538, Oct. 23.
Tetlow, William E.: *See*—
Campbell, Ray, Tetlow, and Thomson.
Thomson, Robin H. K., Tetlow, and McDonald.
Tetlow, William E., Saltcoats, and R. H. K. Thomson, Fairlie, Scotland, assignors to Imperial Chemical Industries Limited. Insolubilizing vegetable seed globulin and phospho-protein artificial filamentary products. 2,565,935, Aug. 28.
Tetzlaff, Benjamin A., deceased, Riverside; by R. W. Tetzlaff, La Grange, C. C. Tetzlaff, Hinsdale, and L. B. Tetzlaff, Riverside, Ill., executors. Spray device. 2,566,781, Sept. 4.
Tetzlaff, Clarence, Riverside, Ill. Band-tightening instrumentality for hose clamps. 2,578,860, Dec. 18.
Tetzlaff, Clarence C., executor: *See*—
Tetzlaff, Benjamin A.
Tetzlaff, Lillian B., executor: *See*—
Tetzlaff, Benjamin A.
Tetzlaff, Ralph W., executor: *See*—
Tetzlaff, Benjamin A.
Teufel, George, Portland, Oreg. Container for flowers. 2,578,271, Dec. 11.
Texaco Development Corporation, assignee: *See*—
Garrison, Allen D.
Gee, William P.
Ludeman, Clifford G.
Mitchell, George D., Jr.
Rees, Harry V.
Rosenstein, Ludwig.
Sellers, Frederick B.
Strawinski, Raymond J.
Teichmann, Charles F.
Weiss, Walter J.
Texas Company, The, assignee: *See*—
Agnew, Robert J., and Conary.
Arnold, George B., and Hess.
Arnold, George B., and Skelton.
Atwell, Harold V.
Beck, Roland A., and Millendorf.
Beck, Roland A., Sensel, and Millendorf.
Bond, Donald H.
Crumrine, Kenneth C.
Devaney, Lawrence W.
Devaney, Lawrence W., Clarke, and Culnane.
Eastman, Du Bois.
Edwards, William H.
Gallaway, Roy L.
Gallsworthy, Benjamin.
Gaucher, Leon P.
Goldsby, Arthur R.
Herzog, Gerhard.
Herzog, Gerhard, Lord, Jr., Evans, and Heath.
Hess, Howard V., and Arnold.
Kemp, Lebbeus C., Jr.
Kreuz, Kenneth L.
Lee, Burton D.
Lee, Burton D., and Herzog.
Little, Jack L.
Lord, Arthur H., Jr., and Pancake.
Malin, Jay B.
Meadows, James L., and Martin.
McCleary, Rush F.
McCleary, Rush F., and Patterson.
McKellin, Wilbur H., and Bordwell.
McMillan, Wallace A.
Millendorf, Alfred J., Naragon, and Vergilio.
Naragon, Ernest A.
Naragon, Ernest A., Millendorf, and Vergilio.
Neuhaus, Max, Conary, and Devaney.
Overbaugh, Walter V.
Puryear, Oney P., and Bray.
Roddy, Thomas C., Jr.
Sager, William F.
Scoville, Loren P.
Sensel, Eugene E., and Beck.
Slater, William L., Jr.
Smith, Donald M.
Stratford, William M.
Stratford, William M., Teichmann, and Herzog.
Teichmann, Charles F., Lee, and Lord.
Van Vleck, Robert T.
Watson, Claude W.
Wolf, Alexander.
Wolf, Alexander, and Lee.
Texas Gulf Sulphur Company, assignee: *See*—
Eads, David K.
Texas Ice & Refrigerating Co., assignee: *See*—
Bauman, Carl S., Jr.
Texon, Inc., assignee: *See*—
Uber, Jay J.
Texsun Citrus Exchange, assignee: *See*—
Burdick, Everette M., and Allen.

Textile and Chemical Research Company Limited, assignee: *See*—
Drisch, Nicolas, and Fays.
Textile Handling Equipment Co., assignee: *See*—
Robertson, David S., and Highfield.
Textile Machine Works, assignee: *See*—
Anke, Rudolph.
Kaul, Emil W.
Ruehling, Frederick W., and Haehnel.
Schletter, Richard E.
Textile Marking Machine Co., Inc., assignee: *See*—
Braun, Philip N.
Textile Mills Company, assignee: *See*—
Pattison, Grange K.
Textile Trimming & Boarding Machine Co., assignee: *See*—
Stout, Harold E.
Textool Products Co., Inc., assignee: *See*—
Boatright, Arthur T.
Textron Incorporated, assignee: *See*—
Goldman, Maurice A.
Tey Manufacturing Corporation, assignee: *See*—
Hickman, Clarence J.
Thacker, Bernard J., Montebello, S. C. Harris, Downey, and W. O. Newstrom, assignors, to I. H. Harris, Jr., Glendale, Calif. Shipping package for storage batteries. 2,578,107, Dec. 11.
Thacker, Carlisle M.: *See*—
Askevold, Robert J., and Thacker.
Thacker, Warren E., Newark, N. J., and H. Spevack, Dayton, Ohio. Rouge dispenser and applicator with ratchet operated force feed mechanism. 2,541,949, Feb. 13.
Thad, Theodore D., Chicago, Ill., assignor to M. Weintraub, Newport, Ky. Ruling control system for recorders. 2,567,158, Sept. 4.
Thaden, Herbert V., assignor to Thaden/Jordan Furniture Corporation, Roanoke, Va. Spring chair. 2,536,326, Jan. 2.
Thaden/Jordan Furniture Corporation, assignee: *See*—
Thaden, Herbert V.
Thal, Bernard, Allston, assignor to Bridge Tables & Novelties, Inc., Lowell, Mass. Folding chair. 2,541,130, Feb. 13.
Thal, Bernard, Allston, assignor to Bridge Tables & Novelties, Inc., Lowell, Mass. Folding chair. 2,541,131, Feb. 13.
Thal, Martha, Chicago, Ill. Manicuring device, 2,564,349, Aug. 14.
Thalhammer, Karl W., Sunland, Calif. Reel construction. 2,563,198, Aug. 7.
Thalmann, Alfred, assignor to Starrfrasmaschinen A. G., Rorschacherberg, Switzerland. Limit-of-movement control. 2,556,347, June 12.
Thalner, Robert R.: *See*—
Sziklai, George C., and Thalner.
Thalner, Robert R., Princeton, N. J., assignor to Radio Corporation of America. Cathode arrangement for television tubes. 2,563,490, Aug. 7.
Tham, Percy H., and F. Samsioe, Stockholm, Sweden. Camera having curved film plane to eliminate distortion. 2,544,864, Mar. 13.
Tharp, Fred L., East Detroit, Mich. Door check. 2,565,442, Aug. 21.
Tharp, Nelson B., Ellicott City, Md., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Radio apparatus. 2,554,279, May 22.
Tharpe Rollin B., Garrett, Ind., assignor to Borg-Warner Corporation, Chicago, Ill. Washing machine transmission. 2,568,134, Sept. 18.
't Hart, Marius: *See*—
Vlugter, Johannes C., Keulemans, and 't Hart.
Thatcher, James L., Sharpes, Fla. Ironing board. 2,549,723, Apr. 17.
Thatcher, Robert R., Schenectady, N. Y., assignor to General Electric Company. Adjustable reference voltage system. 2,546,799, Mar. 27.
Thau-Jensen, Orla, Hurup, Thy, Denmark. Root pin for use in reinforcement inlays, cast crowns, and pivot teeth. 2,536,669, Jan. 2.
Thau-Jensen, Orla, Hurup, Thy, Denmark. Polishing machine. 2,557,207, June 19.
Thawley, Wesley E., assignee: *See*—
Chance, James L.
Thayer, Harold A., and J. L. Surbeck, Chicago, Ill. Smoking pipe filler. 2,556,712, June 12.
Thayer, Horace B., Farmington, N. Mex. Dry wash ore separator. 2,560,140, July 10.
Thayer, Inc., assignee: *See*—
Troendle, William C.
Thayer, James H.: *See*—
Hastings, Shirrel A., and Thayer.
Thayer, Jean M., and R. E. Fearon, assignors to Well Surveys, Incorporated, Tulsa, Okla. Method and apparatus for neutron well logging. 2,543,676, Feb. 27.
Thayer, Leslie M., Toledo, Ohio. Fishing pole holder. 2,548,328, Apr. 10.
Thayer, Stuart W.: *See*—
Ewing, Walkley B., and Thayer.
Theander, Per O., Goteborg, Sweden. Self-locking box. 2,579,346, Dec. 18.
Thearle, Philip H., Orinda, Calif., assignor to Todd Shipyards Corporation. Adjustable freight securing means. 2,576,425, Nov. 27.
Thede, Harold, Sheboygan, Wis., assignor to Armour and Company, Chicago, Ill. Leather sanding machine. 2,573,936, Nov. 6.
Theillaumas, Clement M., Boulogne-Billancourt, France, assignor to International Standard Electric Corporation, New York, N. Y. Teleprogramme on automatic telephone circuits. 2,549,861, Apr. 24.
Theiss, Edward C., Dayton, Ohio. Air induction system for turbo-supercharged aircraft engines, including air intercooler and air interwarmer. 2,558,797, July 3.
Thelander, W. Vincent, Auburn, Ind., assignor to Dana Corporation, Toledo, Ohio. Clutch plate. 2,569,503, Oct. 2.
Thelemarck, Thor: *See*—
Högel, Lennart, Thelemarck, and Lingberg.
Thelin, Person A., Chicago, Ill. Gripping and lifting device. 2,543,947, Mar. 6.
Theno, Raymond, assignee: *See*—
Hancock, Chester D.
Theobald, Clement W., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. 11-oxabicyclo [4.4.1] undecanes and their preparation. 2,544,737, Mar. 13.
Theobald, Walter: *See*—
Edlich, William, and Theobald.
Theodore, David T., New York, assignor to The Dore Development Co., Inc., Maspeth, N. Y. Nail producing dieset for punch presses. 2,564,739, Aug. 21.
Theriault, Lucien, New Haven, Conn. Self-locking electrical connector. 2,546,201, Mar. 27.
Theriault, Raymond J.: *See*—
Dean, Walter B., and Theriault.
Theriault, Raymond J., Glenside, assignor to The Budd Company, Philadelphia, Pa. Reinforcing structure for vehicle bodies, especially for railway cars. 2,546,839, Mar. 27.
Thermador Electrical Manufacturing Company, assignee: *See*—
Pence, Frederick M.
Thermal Development Company, assignee: *See*—
Howe, Frank D.
Thermal Liquids, Inc., assignee: *See*—
Cataldo, John B.
Oaks, Orion O.
Thermix Corporation, The, assignee: *See*—
McBride, Charles B.
Thermo Brakes Corporation, assignee: *See*—
Smith, George L.
Thermoscopic Spray Sales, assignee: *See*—
Leopold, Robert, and Breau.
Theuerer, Henry C.: *See*—
Scaff, Jack H., and Theuerer.
Theuerer, Henry C., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Etching processes and solutions. 2,542,727, Feb. 20.
Theunissen, François J. M., Brussels, Belgium. Automatic circuit breaker. 2,551,302, May 1.
Theunissen, François J. M., Brussels, Belgium. Automatic circuit breaker. 2,551,303, May 1.
Theunissen, François J. M., Brussels, Belgium. Device for the selective opening of circuit breakers protecting installations. 2,551,304, May 1.
Thévenaz, Jean, Sainte-Croix, Switzerland, assignor to Paillard (Paillard A. G., Paillard Limited). Film retainer for cinematograph sprockets. 2,552,299, May 8.
Thévenaz, Louis: *See*—
Thorens, Robert, and Thévenaz.
Thévenaz, Louis, Les Rasses, near Sainte Croix, assignor to Hermann Thorens Société Anonyme, Sainte Croix, Switzerland. Record-changing device for talking machines. 2,574,071, Nov. 6.
Thexton, Arthur L., assignor to Clopay Corporation, Cincinnati, Ohio. Window shade bracket. 2,548,850, Apr. 10.
Thexton Manufacturing Company, assignee: *See*—
Beezley, Reginald R.
Worel, Glen J.
Thiac, Lillian M., and A. J. Petivan, Jr., New Orleans, La. Pie lock. 2,546,800, Mar. 27.
Thias, Edwin P., Los Angeles, Calif., assignor to Standard Coil Products Co., Inc., Chicago, Ill. Varying the inductive reactance of electrical circuits. 2,543,560, Feb. 27.
Thibaudat, Albert, Saint Denis, assignor to Societe Anonyme dite: Forges et Ateliers de Constructions Electriques de Jeumont, Paris, France. Hight-tension interrupting device. 2,551,772, May 8.
Thibaudat, Albert, Saint-Denis, assignor to Forges et Ateliers de Constructions Electriques de Jeumont, Paris, France. High-tension circuit breaker, 2,561,486, July 24.
Thibiéroz, Laurent, Paris, France. Writing table. 2,549,545, Apr. 17.
Thibodeau, John P., Houlton, Maine. Drill adapter for powering turning tools. 2,552,234, May 8.
Thiébaud, Henri, Biel, Switzerland. Automatic winding mechanism for watch movements. 2,536,615, Jan. 2.
Thiede, Arnold J., Barrington, Ill. Device for use in packaging food. 2,571,630, Oct. 16.
Thiel, Felix A., Jr., Jackson Heights, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Shaft coupling. 2,545,562, Mar. 20.
Thiel, Otto: *See*—
Dackor, Emil and N., and Thiel.

Thielers, Ernst M.: *See*—
Vigren, Sten D., Broberg, and Thielers.
Thiem, Walter A., Kankakee, Ill. Can opener. 2,571,310, Oct. 16.
Thiene, Carl G.: *See*—
Cragg, Kenneth B., and Thiene.
Thienemann, Rolf A.: *See*—
Nilson, Arthur N., Thienemann, and Zenner.
Thierry, John A.: *See*—
Hoar, Sherman, and Thierry.
Thierry, John A., assignor to Bucyrus-Erie Company, South Milwaukee, Wis. Swivel for bulldozer blades. 2,557,160, June 19.
Thierry, John A., South Milwaukee, Wis. Toy excavator. 2,563,974, Aug. 14.
Thierry, John A., assignor to Bucyrus-Erie Company, South Milwaukee, Wis. Differential cylinder-piston assembly. 2,569,504, Oct. 2.
Thierry, John A., assignor to Bucyrus-Erie Company, South Milwaukee, Wis. Operating mechanism for material-handling machines. 2,577,826, Dec. 11.
Thies, Mary M., executrix, assignee: *See*—
Thies, Walter J.
Thies, Walter J., deceased, Dayton, Ohio; M. M. Thies, executrix of said W. J. Thies, assignor to M. M. Thies. Closure assembly. 2,541,971, Feb. 13.
Thiesse, Xavier: *See*—
Bish, Jean, and Thiesse.
Thieszen, Gustav, Henderson, Nebr. Irrigation well cooling system. 2,566,506, Sept. 4.
Thiokol Corporation, assignee: *See*—
Patrick, Joseph C.
Patrick, Joseph C., and Ferguson.
Thirring, Hans, Vienna, Austria. Shaving device. 2,577,383, Dec. 4.
Thirtle, John R., and A. Weissberger, assignors to Eastman Kodak Company, Rochester, N. Y. 8-alkyl sulfonamidoethyl-n-substituted saturated heterocyclic developers. 2,566,259, Aug. 28.
Thisse, Clyde J., Long Beach, Calif. Device for inserting and extracting metal radio tubes. 2,555,381, June 5.
Tholl, John E., Needham, assignor to American Tool & Machine Co., Boston, Mass. Centrifugal separator. 2,544,367, Mar. 6.
Tholl, John E., Needham, assignor to American Tool & Machine Co., Hyde Park, Mass. Driving mechanism for centrifugal separators. 2,551,980, May 8.
Tholstrup, Henry L., Rochester, assignor to International Business Machines Corporation, New York, N. Y. Remote control system for typewriters. 2,573,370, Oct. 30.
Thom, Melvin A., Brighton, N. Y. Electrical resistor. 2,558,798, July 3.
Thoma, Hans, Muttenz, near Basel, assignor to Ludwig Von Roll 'Schen Iron Works, A. G., Klus, Switzerland. Fluid pressure control for variable delivery pump hydraulic drive system control. 2,552,604, May 15.
Thomä, Otto, assignor to E. and A. Boehringer, J. Liebrecht, and I. Liebrecht born Boehringer, trading under the firm of C. H. Boehringer Sohn, Ingelheim-on-the-Rhine, Germany. 2-(3:4-dihydroxyphenyl)morpholine and its preparation. 2,566,097, Aug. 28.
Thomaeus, Ivar Göran Ragnar: *See*—
Malmqvist, Johan David, and Thomaeus,
Thomas, Albert G., Alexandria, Va., assignor to Industrial Research Institute, University of Chattanooga, Hamilton County, Tenn. Viscosity tester. 2,574,359, Nov. 6.
Thomas, Albert G., Alexandria, Va., assignor, by mesne assignments, to Kearney & Trecker Corporation, West Allis, Wis. Electromagnetic device. 2,578,648, Dec. 11.
Thomas, Albert G., Lynchburg, Va. Photographic electrical copying device. 2,549,546, Apr. 17.
Thomas, Albert M., New York, N. Y. Riveting machine. 2,536,584, Jan. 2.
Thomas, Alexander, Manchester, England, assignor to Hyde Manufacturing Company, Southbridge, Mass. Paster for wallpaper machines. 2,545,905, Mar. 20.
Thomas, Alfred W., Jr., Clarks Summit, and N. F. Gubitose, assignors to U. S. Textile Machine Company, Scranton, Pa. Magnetic bobbin holding means. 2,561,155, July 17.
Thomas, Allen B., Rochester, N. Y. Divisible carton. 2,580,333, Dec. 25.
Thomas, Arthur, Wallington, assignor to Powers-Samas Accounting Machines Limited, London, England. Zeroizing mechanism. 2,568,523, Sept. 18.
Thomas, Arthur, Wallington, and M. R. Brown, Putney, London, assignors to Powers-Samas Accounting Machines Limited, London, England. Pneumatic sensing mechanism for record-controlled statistical machines. 2,563,290, Aug. 7.
Thomas, Arthur R.: *See*—
Turner, Donald C., and E. F. and A. R. Thomas.
Thomas, Arthur R., Detroit, Mich. Toy vehicle. 2,538,060, Jan. 16.
Thomas, Arthur W., Los Angeles, Calif. Door lock. 2,566,470, Sept. 4.
Thomas, Beaumont, assignor to Delrac Corporation, Watertown, N. Y. Furan resins. 2,571,994, Oct. 23.
Thomas, Bernard S.: *See*—
Larkins, Edward T., Thomas, and Fetters.
Thomas & Betts Co., The, assignee: *See*—
Bergan, Martin D.
Clapp, Jerome B.
Greene, Donald L., and Badeau.
Manahan, George.
Moore, Albert J.
Thomas, George C., Jr.
Thomas, Lucian A.
Thomas, Charles A., Fort Wayne, Ind., assignor to General Electric Company. Brush mechanism. 2,536,827, Jan. 2.
Thomas, Charles A., Fort Wayne, Ind., assignor to General Electric Company. Permanent magnet dynamoelectric machine with automatic keeper. 2,540,845, Feb. 6.
Thomas, Charles A., Fort Wayne, Ind., assignor to General Electric Company. Stator for universal electric motors. 2,556,013, June 5.
Thomas, Charles A., Fort Wayne, Ind., assignor to General Electric Company. Speed controlling arrangement for dynamoelectric machines. 2,564,514, Aug. 14.
Thomas, Charles C.: *See*—
Carnes, Herbert W., and Thomas.
Thomas, Charles C. H., Pittsburgh, Pa. Colloidal iodine preparation and making the same. 2,567,584, Sept. 11.
Thomas, Charles L., Winnetka, assignor to Great Lakes Carbon Corporation, Morton Grove, Ill. Removal of iron from a cracking catalyst. 2,576,653, Nov. 27.
Thomas, Charles P., and H. Andrews, assignors to Piatt Products Corporation, Lansing, Mich. Stove with vertically adjustable liquid fuel burner and float control unit. 2,548,830, Apr. 10.
Thomas, Chester A.: *See*—
Babson, Henry B., and Thomas.
Thomas, Claude L., Yuba City, Calif. Fluid drive pump and transmission unit. 2,549,646, Apr. 17.
Thomas, Corliss O., Ralls, Tex. Grain door. 2,544,865, Mar. 13.
Thomas, Daniel J.: *See*—
Green, Henry L., Thomas, and Harris.
Thomas, Duke D., Birmingham, Ala. Leaf and paper gathering device. 2,552,467, May 8.
Thomas, Edward B.: *See*—
Oxley, Horace F., Thomas, and Nichols.
Thomas, Edward F.: *See*—
Turner, Donald C., and E. F. and A. R. Thomas.
Thomas, Ernest B., Marion, Ind. Signal and actuating means therefor. 2,557,620, June 19.
Thomas, Floyd H., Milan, Pa., assignor to Ingersoll-Rand Company, New York, N. Y. Impact tool. 2,539,678, Jan. 30.
Thomas, Floyd H., Milan, Pa., assignor to Ingersoll-Rand Company, New York, N. Y. Impact wrench. 2,579,278, Dec. 18.
Thomas, Frank S., Jr., assignor to Development Corporation, Inc., St. Louis, Mo. Motor mount construction. 2,538,175, Jan. 16.
Thomas, Frank S., Jr., Murfreesboro, Tenn., assignor to Development Corporation, Inc., St. Louis, Mo. Engine suspension. 2,574,602, Nov. 13.
Thomas, Frank S., Jr., assignor to Development Corporation, Inc., St. Louis, Mo. Fuel pump apparatus and method. 2,579,023, Dec. 18.
Thomas, Frank W.: *See*—
Simon, Eli, and Thomas.
Thomas, Frank W., Burbank, and E. Simon, Los Angeles, assignors to Lockheed Aircraft Corporation, Burbank, Calif. Method and apparatus for the surface treatment of metals. 2,540,602, Feb. 6.
Thomas, Gene C.: *See*—
Wright, Clayton G., and Thomas.
Thomas, George C., Jr., assignor to The Thomas & Betts Co., Elizabeth, N. J. Cable connector. 2,540,999, Feb. 6.
Thomas, George E., Long Beach, Calif. Cigarette vending and lighting machine. 2,555,618, June 5.
Thomas, Gerald B., Jr., U. S. Navy, Berkeley, Calif. Apparatus for gun perforating well casing and surrounding unconsolidated formations. 2,559,687, July 10.
Thomas, Gotthard A., Des Plaines, Ill. Storm window hinge. 2,575,145, Nov. 13.
Thomas, Henry: *See*—
Klingens, Cornelis, and Thomas.
Thomas, Howard S., Jr.: *See*—
Eiffert, Otto H., and Thomas.
Thomas Hydraulic Speed Controls, Inc., assignee: *See*—
Thomas, John R.
Thomas, Islyn, assignor to Thomas Manufacturing Corp., Newark, N. J. Toy axle and wheel assembly. 2,568,374, Sept. 18.
Thomas, Ivan, Paris, France, assignor to Comptoir des Textiles Artificiels. Valve. 2,563,665, Aug. 7.
Thomas, James F.: *See*—
Veevers, John F., and Thomas.
Thomas, James J., assignee: *See*—
Mitchell, Cecil T.
Thomas, Jean D., Buffalo, N. Y. Detachable wheel chair walking apparatus. 2,556,121, June 5.
Thomas, Jesse F., New London, Wis. Measuring device for shortening. 2,559,328, July 3.
Thomas, John: *See*—
Webster, Robert M., Jr., and Thomas.
Thomas, John M., Detroit, Mich. Razor and sharpener therefor. 2,565,281, Aug. 21.

Thomas, John R., assignor to Thomas Hydraulic Speed Controls, Inc., Wichita, Kans. Variable pressure-responsive torque control for hydraulic clutches. 2,548,920, Apr. 17.
Thomas, John V., Los Angeles, Calif. Device for pumping out floats. 2,536,475, Jan. 2.
Thomas, Joseph R., Chicago, Ill. Convertible furniture. 2,563,564, Aug. 7.
Thomas, Laurence H.: *See*—
Kuhn, Frank, and Thomas.
Thomas, Le Roy E., Cleveland, Ohio. Curtain threader. 2,553,067, May 15.
Thomas, Levi M.: *See*—
Gaver, Kenneth M., Lasure, and Thomas.
Thomas, Levi M., assignor to The Keever Starch Company, Columbus, Ohio. Cleaning starch from heated surfaces. 2,550,885, May 1.
Thomas, Loren E., and L. Bell, Port Huron, Mich. Dispenser for cigarettes and the like. 2,560,907, July 17.
Thomas, Louis G. L., assignor to Hamilton-Thomas Corporation, Hamilton, Ohio. Bearing structure for pump shafts. 2,540,968, Feb. 6.
Thomas, Louis G. L., Glendale, assignor to Liberty Planers, Hamilton, Ohio. Hydraulically operated machine tool. 2,550,391, Apr. 24.
Thomas, Lucian A., St. Louis, Mo., assignor to The Thomas & Betts Co., Elizabeth, N. J. Hot line clamp. 2,555,099, May 29.
Thomas Manufacturing Corp., assignee: *See*—
Thomas Islyn.
Thomas, Mary J., Lihue, Territory of Hawaii. Earplug. 2,538,339, Jan. 16.
Thomas, Matthew J., Los Angeles, Calif. Rotary vegetable juice extractor having separating means. 2,558,799, July 3.
Thomas, Michael: *See*—
Masterson, Joseph J., and Thomas.
Thomas, Mifflin K., assignee: *See*—
Heckathorn, Loyd, and Rapp.
Thomas, Norman L.: *See*—
Goldberg, Alan A., and Thomas.
Thomas, Orrin H., assignee: *See*—
Geistweit, John D.
Thomas, Orrin H., Williamsport, and R. Elton, Shenandoah, Pa. Battery terminal connector. 2,575,644, Nov. 20.
Thomas, Paul H., assignee: *See*—
Slawson, William H.
Thomas, Philip D., Chula, Mo. Toy rubber-spring gun. 2,543,208, Feb. 27.
Thomas, Ralph C., Alexandria, Ind. Motor. 2,545,753, Mar. 20.
Thomas, Raymond E.: *See*—
Clemens, Harold S., and Thomas.
McBurney, Dorman, and Thomas.
Thomas, Raymond R., Childress, Tex. Pipe line scraper inserter and remover. 2,575,146, Nov. 13.
Thomas, Richard, Westwood Village, Calif. Apparatus for reproducing colored pictures. 2,553,285, May 15.
Thomas, Robert J., Carney's Point, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Vat dyeing of acrylonitrile polymers. 2,543,994, Mar. 6.
Thomas, Robert M.: *See*—
Sparks, William J., and Thomas.
Thomas, Robert M., and A. B. Small, Baton Rouge, La., assignors to Standard Oil Development Company. Low-temperature polymerization processes. 2,556,857, June 12.
Thomas, Robert W., assignee: *See*—
Skeel, Lewis.
Thomas, Rosswell W., Bartlesville, Okla., assignor to Phillips Petroleum Company. Portable liquefied gas container. 2,553,486, May 15.
Thomas, Roy R., assignor to L. G. McLean, Spokane, Wash. Power drive for reciprocating saws. 2,567,533, Sept. 11.
Thomas, Samuel E., Enid, Okla. Gate latch. 2,577,930, Dec. 11.
Thomas, Thackston, Santa Monica, Calif. Supporting structure for kitchen appliances. 2,574,769, Nov. 13.
Thomas, Thomas H., assignor to Bendix Aviation Corporation, South Bend, Ind. Clutch control mechanism. 2,566,001, Aug. 28.
Thomas, Thomas H., assignor to Bendix Aviation Corporation, South Bend, Ind. Vacuum motor for clutches. 2,566,642, Sept. 4.
Thomas, Tom, Houston, Tex. Material mixing and filling machine. 2,555,066, May 29.
Thomas Truck and Caster Co., assignee: *See*—
Guild, William L.
Thomas, Walter M.: *See*—
Wohnsiedler, Henry P., and Thomas.
Thomas, Walter M., Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Preparing finely divided plasticized polymerized materials and products thereof. 2,558,396, June 26.
Thomas, Walter M., Springdale, and E. L. Kropa, Old Greenwich, Conn., assignors to American Cyanamid Company, New York, N. Y. Unsaturated dioxolane compounds, products prepared therefrom, and preparation. 2,578,861, Dec. 18.
Thomas, Warren F., Chula Vista, Calif. Combination dairy stanchion gate and feedbox. 2,536,236, Jan. 2.
Thomas, Wilbur W.: *See*—
McCarthy, Thomas O., and Thomas.
Thomas, Wilfred, Albany, N. Y. Goggles. 2,539,284, Jan. 23.
Thomas, William, assignor to Samson United Corporation, Rochester, N. Y. Automatic toaster mechanism. 2,560,261, July 10.
Thomas, William A., Chicago, Ill., assignor to The Four Wheel Drive Auto Company, Clintonville, Wis. Hood hinge. 2,570,992, Oct. 9.
Thomas, William D., Lynnfield, Mass., asignor to United Shoe Machinery Corporation, Flemington, N. J. Apparatus for conditioning soles. 2,564,039, Aug. 14.
Thomas, William G., Medina, N. Y. Receptacle for feeding liquid food to humming birds. 2,570,733, Oct. 9.
Thomas, William K., Saginaw, Mich. Implement for cutting carpets and the like. 2,537,287, Jan. 9.
Thomas, Yeppie, Fresno, Calif. Toothed roller assembly. 2,537,802, Jan. 9.
Thomases & Co., assignee: *See*—
Abrams, Hyman.
Thomason, Hjalmar, Los Angeles, Calif. Clamp. 2,543,387, Feb. 27.
Thomason, Massis N., Belmont, assignor to R. E. Maintain, Boston, Mass. Ticket holder. 2,547,673, Apr. 3.
Thomassin, Germaine M. V., sole representative: *See*—
Rembaux, Leon.
Thomforde, Lawrence W., assignee: *See*—
Biery, Arthur.
Thommen, Hans, assignor to Aktiengesellschaft Brown, Boveri & Cie, Baden, Switzerland. Circuit breaker. 2,541,792, Feb. 13.
Thompson, Albert R., Los Gatos, Calif., assignor to Food Machinery and Chemical Corporation. Conveyor mechanism for pressure cookers. 2,551,981, May 8.
Thompson, Albert R., Los Gatos, assignor to Pacific Machinery Company, San Francisco, Calif. Fruit conveying and transfer device. 2,556,122, June 5.
Thompson, Albert S., Los Angeles, Calif., assignor, by mesne assignments, to the United States of America as represented by the Secretary of the Navy. Gas turbine diaphragm. 2,557,898, June 19.
Thompson, Alfred E., assignor to Creed and Company Limited, Croydon, England. Printing telegraph apparatus. 2,572,075, Oct. 23.
Thompson, Alfred L., Munster, Ind., assignor to Standard Railway Equipment Manufacturing Company, Chicago, Ill. Integral roof sheet and hatch frame. 2,565,706, Aug. 28.
Thompson, Allan G., Washington, D. C. Frequency converter employing a directional coupling circuit. 2,576,979, Dec. 4.
Thompson, Andrew C., and C. Gill, assignors to Thompson & Gill, Inc., Madera, Calif. Gate latch. 2,538,398, Jan. 16.
Thompson, Arthur C. R., Cheltenham, assignor to Power Jets (Research and Development) Limited, London, England. Liquid fuel burner. 2,578,272, Dec. 11.
Thompson, Arthur H., assignor to Carbonneau Industries, Inc., Grand Rapids, Mich. Record speed adapter for phonographs. 2,562,245, July 31.
Thompson, Arthur M., Chicago, Ill. Rotary wing aircraft. 2,579,055, Dec. 18.
Thompson, Arthur M., Chicago, Ill. Ventilating system for refrigerator mechanisms. 2,579,056, Dec. 18.
Thompson, Arthur S., Ontario, Calif. Jeweler's lathe. 2,544,812, Mar. 13.
Thompson, Bradley R., South Euclid, and G. E. Hammond, Euclid, assignors to Simplytrol Products Company, Chagrin Falls, Ohio. Electrically operated control device. 2,576,371, Nov. 27.
Thompson, Charles L., South Charleston, W. Va. Adjustable support. 2,541,793, Feb. 13.
Thompson, Chester R., Richmond, Calif., assignor to the United States of America as represented by the Secretary of Agriculture. Preservation of forage crops. 2,562,970, Aug. 7.
Thompson, Clarence L., assignor to The Pacific Lumber Company, San Francisco, Calif. Well drilling composition. 2,549,142, Apr. 17.
Thompson, Claud A., assignor to Patented Plastics, Incorporated, Cleveland, Ohio. Coin bank. 2,563,291, Aug. 7.
Thompson, Claude A., Victoria, Tex. Attachment for revolving equipment. 2,545,122, Mar. 13.
Thompson, Donald, Missoula, Mont. Dental instrument sharpener. 2,549,263, Apr. 17.
Thompson, Donald C., Roanoke, Va., assignor to American Viscose Corporation, Wilmington, Del. Rayon cake package. 2,573,816, Nov. 6.
Thompson, Dorothy E., Dayton, Ohio. Combination magazine rack, table, and leg rest. 2,574,425, Nov. 6.
Thompson Electric Company, The, assignee: *See*—
Farrington, Thayer B., Keller, and Dalzell.
Thompson, Elmer B., assignor to Globe Milker Incorporated, Des Moines, Iowa. Pipe coupling. 2,548,078, Apr. 10.
Thompson, Elmer S., Detroit, Mich., assignor to United States Rubber Company, New York, N. Y. Vacuum shaping box for tires. 2,561,958, July 24.
Thompson, Ernest H., Winnetka, assignor to Automatic Canteen Company of America, Chicago, Ill. Apparatus for treating and dispensing liquids. 2,536,400, Jan. 2.

Thompson, Ernest H., Winnetka, assignor to Automatic Canteen Company of America, Chicago, Ill. Coin mechanism for vending machine. 2,572,539, Oct. 23.

Thompson, Ernest H., Winnetka, assignor to Automatic Canteen Company of America, Chicago, Ill. Liquid dispenser with means normally locking said dispenser and coin-actuated means preventing operation of said locking means. 2,572,540, Oct. 23.

Thompson, Ernest H., Glenview, and L. W. Doggett, Park Ridge, assignors to Automatic Canteen Company of America, Chicago, Ill. Selective beverage vending machine. 2,572,541, Oct. 23.

Thompson, Ernest S., Tulare, Calif. Hitch. 2,560,908, July 17.

Thompson, Ernest S., Strathmore, Calif., assignor to himself and E. Thompson, as joint tenants. Rotary circular harrow. 2,560,909, July 17.

Thompson, Ervin H., New York, N. Y. Electric switch. 2,537,490, Jan. 9.

Thompson, Ethel, assignee: *See*—
Thompson, Ernest S.

Thompson, Eugene K., Tecumseh, Mich. Farm seeder. 2,575,985, Nov. 20.

Thompson, Floyd O., Sedro-Woolley, Wash. Cigarette dispenser. 2,553,120, May 15.

Thompson, Floyd O., Sedro Woolley, Wash. Hospital bed patient bathtub chair. 2,560,997, July 17.

Thompson, Frank R.: *See*—
Alderfer, Sterling W., and Thompson.

Thompson, Franklin B., Monroe, N. C. Radiator testing device. 2,554,429, May 22.

Thompson, Fred H., Iowa Park, and W. D. Keith, Wichita Falls, Tex.; said Keith assignor to said Thompson. Sample packaging machine. 2,558,800, July 3.

Thompson, Frederick C., Danbury, England. Delayed pulse radar navigation apparatus. 2,545,754, Mar. 20.

Thompson, Friar M., Jr., assignor to Hercules Powder Company, Wilmington, Del. Insecticidal compositions. 2,552,235, May 8.

Thompson, Gail H.: *See*—
Phillipson, Alice M., Niersbach, and Thompson.

Thompson, Garr A., Dearborn, Mich. Fishing reel. 2,551,473, May 1.

Thompson, George A., and R. Hagen, Los Angeles, Calif. Deck of playing cards. 2,569,701, Oct. 2.

Thompson, George L.: *See*—
Burrell, Newton R., and Thompson.

Thompson & Gill, Inc., assignee: *See*—
Thompson, Andrew C., and Gill.

Thompson Grinder Company, The, assignee: *See*—
Lohutko, Floryan.
Wilson, John C.
Wilson, John C., and Baldenhofer.

Thompson, Guy M., Birmingham, Ala. Vanity box. 2,576,730, Nov. 27.

Thompson, H. I., Company, The, assignee: *See*—
Sauter, Oscar W.

Thompson, Harry C., Chester, Vt., assignor to Radio Corporation of America. Electron discharge device of the beam deflection type. 2,559,524, July 3.

Thompson, Harry C., Chester, Vt., assignor to Radio Corporation of America. Electron discharge device and associated circuits. 2,578,458, Dec. 11.

Thompson, Harold E., Rye, N. Y., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. System for conserving liquefied gases. 2,550,886, May 1.

Thompson, Henry G., & Son Company, The, assignee: *See*—
Radecki, Michael J., and Krolikowski.

Thompson, Herbert L., Elgin, Ill. Fishing fly wing former. 2,567,623, Sept. 11.

Thompson, Herried L., Portland, Oreg. Sawdust handling truck and conveyer. 2,536,476, Jan. 2.

Thompson, Howard A., Edgewood, assignor to The Union Switch & Signal Company, Swissvale, Pa. Traffic protection apparatus. 2,539,937, Jan. 30.

Thompson, Howard O., San Francisco, Calif. Tool attachment. 2,553,688, May 22.

Thompson, Howard S., Canfield, assignor to The Commercial Shearing & Stamping Company, Youngstown, Ohio. Tractor hitch. 2,537,245, Jan. 9.

Thompson, Ira L., Houston, Tex. Thumbtack extractor. 2,568,835, Sept. 25.

Thompson, James D., West Medford, Mass. Self-emptying ash tray for motor vehicles. 2,559,178, July 3.

Thompson, James L., executor: *See*—
Williams, John C., and Winby.

Thompson, James W., Columbus, Miss. Road map assembly for automobile sunshades. 2,539,286, Jan. 23.

Thompson, John, Cleveland, Ohio. Threaded juncture and making it. 2,559,806, July 10.

Thompson, John L.: *See*—
Levin, Robert H., Spero, and Thompson.

Thompson, John M., Manchester, Iowa. Adjustable locking support. 2,556,348, June 12.

Thompson, John S., assignor to Parker Rust Proof Company, Detroit, Mich. Method of and solution for increasing resistance to corrosion. 2,564,864, Aug. 21.

Thompson, John W.: *See*—
Walter, Paul R., and Thompson.

Thompson, Joseph C., New York, N. Y. Dual container. 2,540,846, Feb. 6.

Thompson, Joseph D., New Kensington, Pa. Appliance for gripping and holding flexible material. 2,550,734, May 1.

Thompson, Joseph H., Gastonia, N. C. Equipment for use in handling invalids. 2,578,382, Dec. 11.

Thompson, Joseph S., San Francisco, and C. R. Ray, Sausalito, assignors to Pacific Electric Manufacturing Corporation, San Francisco, Calif. Circuit isolating air break switch. 2,548,079, Apr. 10.

Thompson, Joseph S., San Francisco, and Charles R. Ray, Sausalito, assignors to Pacific Electric Manufacturing Corporation, San Francisco, Calif. Power line service restorer. 2,574,801, Nov. 13.

Thompson, Judson L., Manufacturing Company, assignee: *See*—
Havener, Arthur R.

Thompson, Kenneth C., Lyons, Ill. Vaporizer. 2,579,626, Dec. 25.

Thompson, Leland E., Merchantville, N. J., assignor to Radio Corporation of America. Modulator circuit. 2,565,409, Aug. 21.

Thompson, Leland E., Merchantville, N. J., assignor to Radio Corporation of America. Interference suppression in radio signaling systems. 2,579,882, Dec. 25.

Thompson, Lincoln, Cheshire, assignor to The Soundscriber Corporation, New Haven, Conn. Damping vertical modulations of phonograph recorders. 2,547,725, Apr. 3.

Thompson, Lincoln, Cheshire, assignor to The Soundscriber Corporation, New Haven, Conn. Phonographic recording and rerecording apparatus. 2,563,565, Aug. 7.

Thompson, Louis A., Rocky River, assignor to N.E.A. Service, Inc., Cleveland, Ohio. Oscillograph-galvanometer. 2,573,998, Nov. 6.

Thompson, Louis F., Riverside, Calif. Hypodermic syringe. 2,541,621, Feb. 13.

Thompson, Luther T., Panama City, Fla. Awning, marquee, or the like. 2,565,282, Aug. 21.

Thompson, Marcus C., Pasadena, Calif. Razor supporting means. 2,551,859, May 8.

Thompson, Morris J., Beverly Hills, Calif. Dental tray. 2,575,432, Nov. 20.

Thompson, Morton L., East Moline, Ill. Snag proof drag. 2,538,399, Jan. 16.

Thompson, Norman F., Akron, Ohio, assignor to Stewart-Warner Corporation, Chicago, Ill. Electronic control circuit. 2,556,713, June 12.

Thompson, Oscar T.: *See*—
Greiner, Charles J., and Thompson.

Thompson, Parke H., Kirkwood, assignor, by mesne assignments, to M. L. J. Lambert, doing business as Crystal-Flo Products Company, St. Louis, Mo. Corrosion resistant solenoid with armature. 2,539,285, Jan. 23.

Thompson, Parke H., Kirkwood, Mo., assignor, by mesne assignments, to Bastian-Blessing Company, Chicago, Ill. Gas dissolving apparatus. 2,560,526, July 10.

Thompson, Parke H., Kirkwood, assignor, by mesne assignments, to M. L. J. Lambert, doing business as Crystal-Flo Products Company, St. Louis, Mo. Fuse. 2,564,797, Aug. 21.

Thompson, Parke H., Kirkwood, Mo., assignor, by mesne assignments, to The Bastian-Blessing Company, Chicago, Ill. Beverage dispenser with control setting indicator. 2,566,588, Sept. 4.

Thompson Products, Inc., assignee: *See*—
Aspelin, Leslie L.
Bartlett, Kenneth M.
Bartlett, Kenneth M., and Roush.
Bodensieck, Ernst J.
Booth, James H.
Britton, Karl B.
Colweel, Archie T., and Roush.
Curtis, Russell R., and Kimm.
Dackor, Emil and N., and Thiel.
Deming, Donald D.
French, Oliver S.
Gibian, Emil F.
Jacobus, Harland E.
Lansing, Paul J.
Ricks, Bernard E.
Smith, Frederick E.
Snyder, Jacob R.
Stieglitz, Henry C.
Thoren, Theodore R., and Aspelin.
Townhill, Arthur.
Van Hartesveldt, Carroll H.

Thompson, Ralph B.: *See*—
Bloch, Herman S., and Thompson.

Thompson, Ralph B., Hinsdale, assignor to Universal Oil Products Company, Chicago, Ill. Removing halogen from a halophenol. 2,576,161, Nov. 27.

Thompson, Ralph B., Riverside, assignor to Universal Oil Products Company, Chicago, Ill. Stabilization of organic compounds. 2,542,972, Feb. 27.

Thompson, Ralph B., Riverside, assignor to Universal Oil Products Company, Chicago, Ill. Sulfonamide resins. 2,545,716, Mar. 20.

Thompson, Ralph B., Riverside, assignor to Universal Oil Products Company, Chicago, Ill. Production of unsaturated organic compounds. 2,553,797, May 22.

Thompson, Ralph B., Riverside, assignor to Universal Oil Products Company, Chicago, Ill. Photochemical preparation of polyphenylalkanes. 2,555,518, June 5.
Thompson, Ralph B., and J. A. Chenicek, Riverside, assignors to Universal Oil Products Company, Chicago, Ill. Stabilization of organic compounds. 2,554,687, May 29.
Thompson, Ralph B., and L. Schmerling, Riverside, assignors to Universal Oil Products Company, Chicago, Ill. Beta thioethyl substituted carbonyl compounds as modifiers in ethylene polymerization. 2,568,902, Sept. 25.
Thompson, Ralph E., Brookline, Mass., assignor to Scott & Williams, Incorporated, Laconia, N. H. Stocking. 2,563,082, Aug. 7.
Thompson, Ralph L., assignee: *See*—
Smith, Gerard V.
Thompson, Ralph N., Lincoln Park, Mich., assignor to National Steel Corporation. Rib curving machine. 2,569,266, Sept. 25.
Thompson, Richard A., West Caldwell, N. J., assignor to Wright Aeronautical Corporation. Valve construction. 2,575,240, Nov. 13.
Thompson, Robert H.: *See*—
Mulloy, Lorne B., and Thompson.
Thompson, Robert M., Seattle, Wash. Continuous pressure separating device operating in multiple stages. 2,554,968, May 29.
Thompson, Robert R., Marshall, Mo. Seal for cased wells. 2,550,027, Apr. 24.
Thompson, Robert W.: *See*—
McDuffie, Bruce, Schelberg, and Thompson.
Thompson, Russell G., assignor to Eastman Kodak Company, Rochester, N. Y. Drive mechanism for tape facsimile apparatus. 2,571,785, Oct. 16.
Thompson, Rutherford E., Casco, Wis. Overhead garage door. 2,543,261, Feb. 27.
Thompson, Thomas, Des Moines, Iowa. Vehicle rearview mirror support. 2,552,074, May 8.
Thompson, Thomas E.: *See*—
Baird, William, Parry, and Thompson.
Thompson, Thomas R., Binghamton, assignor to General Aniline & Film Corporation, New York, N. Y. Thioethers and thioketones of thiazolone cyanine dyes as dyestuff intermediates. 2,536,987, Jan. 2.
Thompson, Thomas R., Binghamton, assignor to General Aniline & Film Corporation, New York, N. Y. Photographic silver-halide emulsions sensitized with azamerocyanine dyes. 2,572,961, Oct. 30.
Thompson, Thomas R., and L. C. Hensley, Binghamton, assignors to General Aniline & Film Corporation, New York, N. Y. Thiazolone cyanine dyes and preparing the same. 2,536,986, Jan. 2.
Thompson, Thomas R., and S. P. Popeck, Binghamton, assignors to General Aniline & Film Corporation, New York, N. Y. 2-methyl-4-keto-3-substituted thiazolinium dye intermediates. 2,561,245, July 17.
Thompson Tool Company, assignee: *See*—
Corder, Ishmael W.
Thompson, Walter N.: *See*—
Coyne, Howard L., Fessler, Hampton, Mesch, and Thompson.
Thompson, Walter S., assignor to M and M Wood Working Company, Portland, Oreg. High-frequency heating. 2,575,604, Nov. 20.
Thompson, Wilfred G.: *See*—
Baldwin, Donald W., Thompson, and Clements.
Thompson, William D., San Diego, Calif. Photographic enlarger. 2,540,017, Jan. 30.
Thompson, William D., San Diego, Calif. Plural film camera. 2,575,536, Nov. 20.
Thompson, William F., Philadelphia, Pa. Clock. 2,536,237, Jan. 2.
Thompson, William F., Salina, Kans. Screw-holding screw driver. 2,566,683, Sept. 4.
Thompson, William G., Clinton, Mass., and R. B. Hopgood, Cheshire, assignors to The Eyelet Specialty Company, Waterbury, Conn. Cosmetic container or the like. 2,545,864, Mar. 20.
Thompson, William I., Elizabeth, N. J., assignor to Standard Oil Development Company. Recovery of hydrocarbon oil from shale. 2,550,432, Apr. 24.
Thompson, William S., Watkins Glen, assignor to Shepard Niles Crane & Hoist Corporation, Montour Falls, N. Y. Hot metal handling apparatus. 2,548,178, Apr. 10.
Thompson, Willis H., E. O. Tolson, and R. H. McLemore, assignors to Welex Jet Services, Inc., Fort Worth, Tex. Tilting explosive charges in wells. 2,543,814, Mar. 6.
Thompson, Wirt L., Jr.: *See*—
Johnson, Thomas H., and Thompson.
Thoms, Ernst E., Dayton, Ohio. Implement for removing backs of watchcases. 2,542,728, Feb. 20.
Thomsen, Alfred M., San Francisco, Calif. Heat-recuperative power generation and apparatus therefor. 2,536,238, Jan. 2.
Thomsen, Alfred M., San Francisco, Calif. Processing yeast. 2,555,945, June 5.
Thomsen, Alfred M., San Francisco, Calif. Preparing a fungicidal preparation utilizing magnesium hydroxide. 2,576,731, Nov. 27.
Thomsen, Christoph N. J., deceased, Taunus; by G. Thomsen, administratrix, Kelkheim-Münster im Taunus, assignor to Farbwerk Hoechst vormals Meister Lucius & Bruning, Frankfurt (Main), Hoechst, Germany. Tanning agents and preparing them. 2,579,216, Dec. 18.
Thomsen, Gertrŭd, administratrix: *See*—
Thomsen, Christoph N. J.
Thomsen, Jack W., Chicago, Ill. Applicator stick container. 2,540,304, Feb. 6.
Thomsen, Soren M., Pennington, N. J., assignor to Radio Corporation of America. Luminescent zinc oxide containing a small amount of zinc sulfide. 2,573,817, Nov. 6.
Thomsen, William A. V., Glen Ridge, assignor to Specialties Development Corporation, Bellville, N. J. Gun charger. 2,575,368, Nov. 20.
Thomson, Amherst F. H., G. P. Wright, and A. R. Rangabe, Baldock, England. Cathode arrangement for electron discharge devices. 2,567,624, Sept. 11.
Thomson, Byron C., Thibodaux, La. Cane cleaning device. 2,556,509, June 12.
Thomson, E. Craig, Boston, assignor to Combustion Control Corporation, Cambridge, Mass. Flame failure control system. 2,579,883, Dec. 25.
Thomson, E. Craig, Boston, and P. Giuffrida, Lawrence, assignors to Combustion Control Corporation, Cambridge, Mass. Flame failure safeguard. 2,579,884, Dec. 25.
Thomson, Elihu C., Boston, assignor to Combustion Control Corporation, Cambridge, Mass. Burner safety control system. 2,543,262, Feb. 27.
Thomson, Elihu C., Boston, assignor to Photoswitch, Incorporated, Cambridge, Mass. Electrical control. 2,566,260, Aug. 28.
Thomson, Ernest F., Tuckahoe, N. Y., assignor, by mesne assignments, to J & J Tool and Machine Co., Chicago, Ill. Venetian blind rail and tape fastener. 2,573,163, Oct. 30.
Thomson, George M.: *See*—
Lincoln, John D., and Thomson.
Thomson, Hugh A., London, England. Stud fastening. 2,547,421, Apr. 3.
Thomson, James, assignor to Mavor & Coulson, Limited, Glasgow, Scotland. Conveyor of endless belt type. 2,538,951, Jan. 23.
Thomson, James, assignor to Mavor & Coulson, Limited, Glasgow, Scotland. Conveyer of endless belt type. 2,551,512, May 1.
Thomson, James, assignor to Mavor & Coulson, Limited, Glasgow, Scotland. Conveyer frame. 2,551,513, May 1.
Thomson, James, assignor to Mavor & Coulson, Limited, Glasgow, Scotland. Aligning means for belt conveyors. 2,561,641, July 24.
Thomson, John, Edinburg, Scotland. Steam trap. 2,561,246, July 17.
Thomson, John, Oakland, Calif. Vaporizing type oil burner. 2,542,729, Feb. 20.
Thomson, John B., assignee: *See*—
Ferger, Hulbert K.
Thomson, John B., Plandome, N. Y. Ball bearing. 2,576,269, Nov. 27.
Thomson, Marshall H.: *See*—
Rappl, Anton, and Thomson.
Thomson, Peter, Wilmington, Del. Collapsible stand for supporting hods and the like. 2,575,645, Nov. 20.
Thomson, Robin H. K.: *See*—
Campbell, Ray, Tetlow, and Thomson.
Tetlow, William E., and Thomson.
Thomson, Robin H. K., Largs, W. E. Tetlow, Saltcoats, and A. M. McDonald, Kilmarnock, Scotland, assignors to Imperial Chemical Industries Limited. Treating a tow of filaments or threads. 2,555,065, May 29.
Thomson, Thomas, Kilmarnock, Ayrshire, and K. C. Reid, Dundee, Scotland, assignors to Imperial Chemical Industries Limited. Blasting assembly. 2,563,491, Aug. 7.
Thomson, William R., Ottawa, Ontario, Canada. Filter apparatus. 2,568,420, Sept. 18.
Thonen, Robert L., St. Petersburg, Fla. Drop former bottle cap. 2,560,998, July 17.
Thor Corporation, assignee: *See*—
Gerhardt, Andrew H., and Schulz.
Thorburn, Milton R., Sturbridge, assignor to American Optical Company, Southbridge, Mass. Device for prefocusing lamps. 2,563,435, Aug. 7.
Thoren, Theodore R., Cleveland, and L. L. Aspelin, Cleveland Heights, assignors to Thompson Products, Inc., Cleveland, Ohio. Valve assembly. 2,558,161, June 26.
Thorens, Hermann, Societe Anonyme, assignee: *See*—
Thorens, Robert, and Thévenaz.
Thorens, Robert, Sainte-Croix, and L. Thévenaz, Les Rasses, near Sainte Croix, assignors to Hermann Thorens Societe Anonyme, Sainte Croix, Switzerland. Talking machine with record changer. 2,570,040, Oct. 2.
Thoresen, John C., Warwick, assignor to Builders Iron Foundry, Providence, R. I. Sand expansion indicator. 2,537,246, Jan. 9.
Thorington, Charles B.: *See*—
Kirby, Herbert H., and Thorington.
Thorkildsen, Lars O., Sandness, Norway. Bicycle fork. 2,561,156, July 17.

Thorman, Andrew, North Tonawanda, N. Y. Poultry holding and weighing hook or shackle. 2,564,630, Aug. 14.
Thorn, Benjamin C., Schenectady, N. Y., assignor to General Electric Company. Turbine diaphragm arrangement and assembly. 2,556,890, June 12.
Thorn Electrical Industries Limited, assignee: *See*—
Rice, Alexander P.
Thorn, John P.: *See*—
Arundale, Erving, and Thorn.
Thorn, Ryder D., Wichita Falls, Tex. Carrying belt for fish lures. 2,548,080, Apr. 10.
Thornburg, Herbal A., and G. D. Conrad, Anderson, Ind., assignors to General Motors Corporation, Detroit, Mich. Operating lever. 2,579,102, Dec. 18.
Thornburg, Vincent E.: *See*—
Tyler, John M., Thornburg, and Madden.
Thorndike, Herbert A., Oshkosh, Wis., assignor, by mesne assignments, to Vulcan Manufacturing Co., Inc. Bumper jack. 2,549,862, Apr. 24.
Thorne, Irvin I., Portland, Oreg. Scaffold bracket for ladders. 2,544,368, Mar. 6.
Thorne, Wroten A., Eastwood Hills, Mo. Detachable visor for automobiles. 2,575,933, Nov. 20.
Thorner, Robert H., Detroit, Mich. Automatically releasing coupling for the transmission of torque. 2,565,579, Aug. 28.
Thornhill, Charles W., assignor to Thornhill-Craver Company, Houston, Tex. Pipe joint. 2,552,750, May 15.
Thornhill-Craver Company, assignee: *See*—
Thornhill, Charles W.
Thornhill, Peter W., Leamington Spa, England, assignor to Levitation Limited. Suspension device for vehicles. 2,537,491, Jan. 9.
Thornhill, Peter W., and C. A. Gosling, assignors to Levitation Limited, Leamington Spa, England. Suspension device and shock absorber for vehicles. 2,545,394, Mar. 13.
Thornley, Joseph H., Great Neck, N. Y. H-beam composite pile. 2,558,529, June 26.
Thornton, Alfred M., H. T. Prior, and S. J. Goullee, London, England, assignors to International Standard Electric Corporation, New York, N. Y. Wide and narrow band carrier current system. 2,558,018, June 26.
Thornton, Henry M., York, Pa., assignor to The Dentists' Supply Company of New York, New York, N. Y. Molding artificial teeth. 2,554,845, May 29.
Thornton, John W., San Francisco, and P. D. Donlon, Piedmont, Calif., assignors to Prefab Stairs and Tile, Inc. Stairs. 2,577,864, Dec. 11.
Thornton, Loxla C., Fresno, Calif. Leg brace. 2,578,108, Dec. 11.
Thornton, Michael E., Los Angeles, Calif. Apparatus for operating automatic telephones. 2,579,983, Dec. 25.
Thornton, Theodore W., Salt Lake City, Utah. Hydroinertia switch. 2,549,863, Apr. 24.
Thornton-Trump, Walter E., Oliver, British Columbia, Canada. Tractor mounted reciprocating mower. 2,575,369, Nov. 20.
Thorp, Clark E., Chicago, assignor to Hawley Products Company, St. Charles, Ill. Stabilized cuprammonium hydroxide solution and preparing the same. 2,548,636, Apr. 10.
Thorp, John W., assignor to Lockheed Aircraft Corporation, Burbank, Calif. All-movable horizontal tail. 2,563,757, Aug. 7.
Thorp, Leroy M., and E. R. Nelson, Sioux City, Iowa, assignors to White Manufacturing Company, Colorado Springs, Colo. Wreath holder for caskets. 2,543,880, Mar. 6.
Thorpe, Ernest H. C.: *See*—
Bevis, William A., and Thorpe.
Thorpe, Ernest H. C., Kew Gardens, assignor to C. A. V. Limited, London, England. Electric switch. 2,546,569, Mar. 27.
Thorpe, Moneta A., Nashville, Tenn. Doll with protective covering. 2,540,701, Feb. 6.
Thorpe, Roy E.: *See*—
Harman, Denham, Thorpe, and Talley.
Thorsen, Ole I., Inglewood, Calif., assignor to Wright Aeronautical Corporation. Ice warning indicator. 2,566,813, Sept. 4.
Thorsheim, Joseph O., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Control device. 2,577,165, Dec. 4.
Thorson, Allen W.: *See*—
Bennett, Joseph S., and Thorson.
Thorson, Alvin E., Victor, Mont. Cattle restraining apparatus. 2,576,654, Nov. 27.
Thorson, Ernest W., Bay City, Mich. Roller skate. 2,540,847, Feb. 6.
Thoss, Kurt P., North Manchester, Ind. Boat mooring device. 2,565,580, Aug. 28.
Thrall, Walter I.: *See*—
Douglas, Courtney C., and Thrall.
Thrash, Millard C., United States Navy. Navigational computer. 2,569,505, Oct. 2.
Thrasher, Ray K., assignee: *See*—
Campbell, Harry C.
Thraum, Werner: *See*—
Jonas, Heinz, and Thraum.
Threedy, Clarence E., assignee, trustee: *See*—
Tratsch, Walter A.
Threewit, Donald M.: *See*—
Fishbein, Meyer, Nagy, and Threewit.
Thresh, Frank R., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Hydraulic jack for shoe machines. 2,541,132, Feb. 13.
Thress, James D., Roanoke, Va., assignor to C. M. O'Boyle, Wilmington, Del. Mobile jack. 2,574,230, Nov. 6.
Thrift, Robert J., Munster, Ind., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Production of a lead arsenate in the form of flat, plate-like crystals. 2,549,945, Apr. 24.
Throckmorton, Bruce H., New York, N. Y. Handbag. 2,565,283, Aug. 21.
Throckmorton, John W.: *See*—
Wallis, John S., and Throckmorton.
Throckmorton, John W., and J. S. Wallis, assignors to Petro-Chem. Process Company, Incorporated, New York, N. Y. Segmental tube sheet. 2,562,072, July 24.
Throm, Albert J., Jeannette, Pa. Method and apparatus for producing glass articles. 2,561,247, July 17.
Throm, Albert J., Jeannette, Pa. Apparatus for producing glass articles. 2,561,248, July 17.
Throne, Dallas, La Verne, assignor of one-half to J. C. Reher, Jr., Covina, Calif. Flash synchronizer mounting for cameras. 2,578,157, Dec. 11.
Thronsen, Olaf H., New York, N. Y. Safety holder for earrings. 2,542,730, Feb. 20.
Thrower, Herbert T., Charlotte, and G. W. Keesee, Gastonia, N. C. Checkstrap for looms. 2,536,786, Jan. 2.
Thrune, Richard I., assignor to The Dow Chemical Company, Midland, Mich. Graphite anode. 2,556,830, June 12.
Thuernau, Henry A., Clayton, assignor to American Displays, Inc., St. Louis, Mo. Illuminated outdoor display. 2,565,635, Aug. 28.
Thull, John F.: *See*—
Gordenier, Robert E., Gruber, and Thull.
Thunberg, Knute G. A., San Diego, Calif. Swiveling rocker crutch. 2,569,739, Oct. 2.
Thunberg, Leander O., Johnson City, assignor to General Aniline & Film Corporation, New York, N. Y. Flash synchronizer for photographic shutters. 2,541,895, Feb. 13.
Thunberg, Sigurd F., Ronninge, P. F., Alm and E. F. G. Fredlund, assignors to Aktiebolaget Elektrolux, Stockholm, Sweden. Electric motor speed regulation. 2,557,208, June 19.
Thurgate, Harry R., Philadelphia, Pa. Painter's pothook. 2,536,967, Jan. 2.
Thurman, Benjamin H., New York, N. Y., assignor to Kraft Foods Company, Chicago, Ill. Distillation apparatus. 2,538,540, Jan. 16.
Thurman, Ferdinand H., Garrett, assignor to Auburn Rubber Corporation, Auburn, Ind. Wheeled toy. 2,552,824, May 15.
Thurmond, Gilbert I., Asheville, assignor to American Enka Corporation, Enka, N. C. Manufacture of viscose rayon. 2,572,217, Oct. 23.
Thurston, Jack T., Riverside, and R. B. Warner, Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Alkylol amides of dimerized fatty acids. 2,537,493, Jan. 9.
Thurston, Jack T., Riverside, Conn., and W. N. Oldham, Monrovia, Calif., assignors to American Cyanamid Company, New York, N. Y. Cationic surface active agents and preparation. 2,574,510, Nov. 13.
Thurston, Paul L., Martinsburg, W. Va., assignor to Interwoven Stocking Company, New Brunswick, N. J. Article of hosiery. 2,573,117, Oct. 30.
Thurston, Paul L., Martinsburg, W. Va., assignor to Interwoven Stocking Company, New Brunswick, N. J. Circular knitting machine. 2,573,118, Oct. 30.
Thurzó, László N., Budapest, Hungary. Lifting frame for the assembly, repair, and cleaning of motor cars. 2,576,426, Nov. 27.
Thwing, Fordyce L., assignor to Reed Research, Inc., Washington, D. C. Cigarette extinguishing and disposal means. 2,561,829, July 24.
Thyen, Herbert E., assignor to Jasper Wood Crafters, Inc., Jasper, Ind. Barrelhead construction. 2,545,831, Mar. 20.
Thyen, Herbert E., assignor to Jasper Wood Crafters, Inc., Jasper, Ind. Apparatus for bonding heads into barrels. 2,560,906, July 17.
Thylefors, Henric W.: *See*—
Andersson, Gustav H., and Thylefors.
Thys, Edouard, Sacramento, Calif. Furnace electrode holder. 2,538,603, Jan. 16.
Tibbals, Charles E., Oneida, Tenn. Drive mechanism for shaker conveyers. 2,561,544, July 24.
Tibbitts, George M., Santa Ana, Calif. Garment hanger. 2,545,637, Mar. 20.
Tibbetts, Willis F., Reading, assignor to H. K. Porter, Inc., Somerville, Mass. Multiple lever tool. 2,577,638, Dec. 4.
Tice, Linwood F., Salem, N. J. Preparing solutions of gelatin in polyhydric alcohols. 2,558,065, June 26.
Tice, Reuben S., Monterey, Calif. Electric heating system. 2,540,465, Feb. 6.
Tice, Reuben S., Monterey, Calif. Electrical heating system for damp places. 2,543,882, Mar. 6.
Tichenor, Ralph S., Fort Lauderdale, Fla., assignor to Duncan Parking Meter Corporation, Chicago, Ill. Sling keeper lock. 2,550,433, Apr. 24.

Tichenor, Robert A., Warren, Ark. Lock nut and bolt. 2,564,550, Aug. 14.
Tichenor, Robert L., East Orange, assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Storage battery charging system and method. 2,578,027, Dec. 11.
Tichy, Charles, Louisville, Ky., assignor to Reynolds Metals Co., Richmond, Va. Apparatus for piercing metallic billets. 2,537,867, Jan. 9.
Tidd, Elbert De F.: *See*—
Cassidy, Robert C., Schreiber, and Tidd.
Tidd, Elbert De F., Clinton, N. J., assignor, by mesne assignments, to United States Rubber Company, New York, N. Y. Radiant heating installation. 2,569,961, Oct. 2.
Tiddy, William, Manhasset, N. Y., and F. D. Cooper, Ashland, Ky., assignors to Allied Chemical & Dye Corporation, New York, N. Y. Two-stage conversion of iron oxide into iron. 2,545,932, Mar. 20.
Tiddy, William, Manhasset, N. Y., and F. D. Cooper, Ashland, Ky., assignors to Allied Chemical & Dye Corporation, New York, N. Y. Conversion of iron oxide into iron with coke-oven gas. 2,545,933, Mar. 20.
Tide Water Associated Oil Company, assignee: *See*—
Bishop, John W.
Galstaun, Lionel S., and Keever.
Moore, Arthur H.
Revukas, Anthony J.
Waugh, Stanley P.
Tidland, Edward H., Camas, Wash. Expansible winder shaft. 2,537,492, Jan. 9.
Tiede, Ralph L., Newark, Ohio, and F. V. Tooley, Urbana, Ill., assignors to Owens-Corning Fiberglas Corporation, Toledo, Ohio. Glass composition. 2,571,074, Oct. 9.
Tiedeman, Robert K.: *See*—
Mergen, Joseph M., and Tiedeman.
Tiedke, Hans F.: *See*—
Engles, Eugene O., and Tiedke.
Tiemann, Norman F., Oak Ridge, N. J. Grooving tool or the like. 2,558,111, June 26.
Tierney, John F.: *See*—
Quish, Raymond T. and W. P., Cratty and Tierney.
Tieszen, Derk V.: *See*—
Gaver, Kenneth M., Lasure, and Tieszen.
Tietig, Chester: *See*—
Badgley, Robert F., Wilken, and Tietig.
Tiffany, Carter, Englewood, N. J. Supersonic communication system. 2,542,594, Feb. 20.
Tiganik, Leonhard, Skoghall, Sweden. Activating alkali metals. 2,577,289, Dec. 4.
Tigges, Alexander J., assignor to The Air Preheater Corporation, New York, N. Y. Removal of solids from gases. 2,537,558, Jan. 9.
Tighe, Francis N., Los Angeles, Calif. Fuse adapter. 2,536,520, Jan. 2.
Tilbury, Lyle C., Hunt, Tex. Gate. 2,569,836, Oct. 2.
Tilden, Carl V., Pasadena, Calif. Drill bit. 2,579,712, Dec. 25.
Tilden, Sydney G., Stewart Manor, N. Y., assignor to The Permafuse Corp. Apparatus for making means to attach friction material to brake shoes and the like. 2,542,064, Feb. 20.
Tilden, Sidney G., Stewart Manor, N. Y., assignor to The Permafuse Corp. Brake shoe assembly. 2,551,474, May 1.
Tiley, John W., assignor to Philco Corporation, Philadelphia, Pa. Electronic tube of the traveling wave type. 2,541,843, Feb. 13.
Tiley, John W., assignor to Philco Corporation, Philadelphia, Pa. Controllable electrical delay means. 2,565,410, Aug. 21.
Tilford, Charles H.: *See*—
Shelton, Robert S., Farmer, and Tilford.
Shelton, Robert S., and Tilford.
Till, Willard H., Raleigh, N. C. Auxiliary support for use with ironing boards. 2,548,751, Apr. 10.
Tillberg, Olof V., Solna, Sweden. Valve with a variable range of regulation. 2,578,109, Dec. 11.
Tillert, Edward, and J. Vlasak, Jr., Racine, Wis.; said Vlasak assignor to said Tillert. Hairpin type crocheting loom. 2,540,383, Feb. 6.
Tillett, Stanley H., London, and B. D. Feild, Romford, assignors to Tillett's Cotton Marking Machines Limited, London, England. Device for applying marking stitches. 2,551,182, May 1.
Tillett's Cotton Marking Machines Limited, assignee: *See*—
Tillett, Stanley H., and Feild.
Tillinghast, Harry S.: *See*—
Pope, Jesse C., and Tillinghast.
Tillisch, Henry C. E., assignor to I/S Anitil, Copenhagen, Denmark. Treatment of rabbit's hair. 2,547,060, Apr. 3.
Tillitson, Edward W.: *See*—
Sweet, Leon A., and Tillitson.
Tillitson, Edward W., Grosse Pointe, assignor to Parke, Davis & Company, Detroit, Mich. Arsenical compounds and obtaining the same. 2,566,383, Sept. 4.
Tillman, Lambert J., Toledo, Ohio. Door mechanism for gondola cars. 2,537,247, Jan. 9.
Tillman, Lambert J., Toledo, Ohio. Door mechanism for railway cars. 2,568,038, Sept. 18.
Tillman, Paul C., San Diego, Calif. Crank handle with counter-balancing means. 2,577,931, Dec. 11.
Tillotson, Jared E., Allison Park, assignor to Blaw-Knox Company, Pittsburgh, Pa. Curved track overhead door. 2,575,201, Nov. 13.
Tillotson, Le Roy C.: *See*—
Friis, Harald T., Lewis, and Tillotson.
Tillyer, Edgar D., assignor to American Optical Company, Southbridge, Mass. Welding glasses and forming. 2,552,125, May 8.
Tilo Roofing Company, Inc., assignee: *See*—
Giles, Jeremiah D., and Scott.
Tilson, Richard A., and H. M. Garner, Miami, Fla. Sanitary base for refuse cans. 2,545,320, Mar. 13.
Tilt Dispenser Company, assignee: *See*—
Drinkhaus, Theodore A.
Tilt-A-Door Corporation, assignee: *See*—
Smith, Wesley A.
Tilton, Donald G., St. Petersburg, Fla., assignor, by mesne assignments, to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Adjustable periodic cam operator for switches. 2,540,222, Feb. 6.
Tilton, Donald G., St. Petersburg, Fla., assignor, by mesne assignments, to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Radiation pyrometer. 2,561,077, July 17.
Tilton, Joseph M., Jr., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Self-sealing article. 2,566,384, Sept. 4.
Timber Engineering Company, assignee: *See*—
Farber, Eduard.
Timber Structures, Inc., assignee: *See*—
Crichton, James W.
Payzant, Henry H.
Whelan, John J.
Time, Inc., assignee: *See*—
Bishop, Nathaniel.
Faeber, Harry W.
Leekley, Robert M.
Moe, William W.
Time, Incorporated, assignee: *See*—
Bishop, Nathaniel.
Dutro, Orville V.
Faeber, Harry W.
Messinger, William, and Lytle.
Timefax Corporation, assignee: *See*—
Dalton, Harold R.
Time Saver Tool Co.: *See*—
Nichols, John R.
Times Facsimile Corporation, assignee: *See*—
Cooley, Austin G.
Marzan, Peter R.
McConnell, Kenneth R.
Timian, Ida M., Milwaukee, Wis. Sponge rubber bedpan. 2,567,830, Sept. 11.
Timken-Detroit Axle Company, The, assignee: *See*—
Alden, Herbert W.
Buckendale, Lawrence R.
Hall, Cortice H.
Haugen, Edmond H.
Keese, Beverly W.
Powers, Milton A.
Powers, Milton A., and Lodge.
Super, Ralph K.
Timken Roller Bearing Company, The, assignee: *See*—
Baker, John B.
Boden, Ernest G.
McNicoll, David.
Riblet, Robert M.
Roshong, Joseph M.
Timm Aircraft Corporation, assignee: *See*—
Timm, Otto W.
Timm, Otto W., assignor to Timm Aircraft Corporation, Van Nuys, Calif. Suction cleaner with switch circuit. 2,543,342, Feb. 27.
Timm, Otto W., assignor to Timm Aircraft Corporation, Van Nuys, Calif. Suction cleaner control. 2,543,343, Feb. 27.
Timm, Otto W., assignor to Timm Aircraft Corporation, Van Nuys, Calif. Vacuum cleaner retracting reel. 2,555,560, June 5.
Timmer, Jan H., assignor to G. Dikkers & Co. N. V., Hengelo, Netherlands. Gate valve. 2,562,285, July 31.
Timmerman, Gerard J., assignee: *See*—
Springer, Peter P.
Timmerman, Julius W., Jr., Waukesha, Wis., assignor to General Electric Company. Automatic valve controlling mechanism for electric circuit breakers. 2,575,934, Nov. 20.
Timmins, Leo H., Montreal, Quebec, assignor to Chromium Mining and Smelting Corporation, Ltd., Sault Ste. Marie, Ontario, Canada. Electrical contact coupling for liquid cooled cable. 2,549,264, Apr. 17.
Timmons, Mitchell M.: *See*—
Dix, James S., and Timmons.
Timmons, Walter La Roy, Sr., Nashville, Tenn. Mailbox name plate bracket. 2,568,873, Sept. 25.
Timms, Ross L., Akron, Ohio. Remotely controlled self-service, apparatus. 2,557,161, June 19.
Tims, Tony C., Hyattsville, Md. Combination transparent awning and shade. 2,560,397, July 10.
Tims, Tony C., Hyattsville, Md. Paintbrush wiper. 2,560,398, July 10.
Tims, Tony C., Hyattsville, Md. Ladder jack. 2,578,862, Dec. 18.

Tindal, Charles H., State College, Pa., and L. K. Davis, Brockton, Mass., assignors to the United States of American as represented by the Secretary of the Navy. Positively operated control. 2,550,097, Apr. 24.

Tindall, William I., La Mesa, Calif., assignor to Consolidated Vultee Aircraft Corporation. Auxiliary control means for aircraft. 2,552,073, May 8.

Tingle, Leroy, Canton, assignor to Republic Steel Corporation, Cleveland, Ohio. Thermocouple construction. 2,556,238, June 12.

Tinius Olsen Testing Machine Company, assignee: *See*—
Stovall, John R., Jr.
Stovall, John R., Jr., and Weintraub.

Tinklepaugh, Claude L.: *See*—
Oom, Benjamin J., Tinklepaugh, and Westen.

Tinley, Ernest L., and F. Cartwright, assignors to Joshua Bigwood & Son, Limited, Wolverhampton, England. Machine for bending plates. 2,569,962, Oct. 2.

Tinling, Hugh B., Sopkane, Wash. Pole incising machine. 2,563,758, Aug. 7.

Tinnerman, George A., assignor to Tinnerman Products, Inc., Cleveland, Ohio. Fastening device. 2,542,883, Feb. 20.

Tinnerman, George A., assignor to Tinnerman Products, Inc., Cleveland, Ohio. Fastening device. 2,549,724, Apr. 17.

Tinnerman, George A., assignor to Tinnerman Products, Inc., Cleveland, Ohio. Nut anchoring device. 2,552,499, May 8.

Tinnerman, George A., assignor to Tinnerman Products, Inc., Cleveland, Ohio. Fastening device. 2,553,883, May 22.

Tinnerman, George A., assignor to Tinnerman Products, Inc., Cleveland, Ohio. Fastening device. 2,562,001, July 24.

Tinnerman, George A., assignor to Tinnerman Products, Inc., Cleveland, Ohio. Fastening device. 2,562,002, July 24.

Tinnerman, George A., assignor to Tinnerman Products, Inc., Cleveland, Ohio. Spring fastening device. 2,562,343, July 31.

Tinnerman, George A., assignor to Tinnerman Products, Inc., Cleveland, Ohio. Spring latching fastener. 2,565,636, Aug. 28.

Tinnerman, George A., assignor to Tinnerman Products, Inc., Cleveland, Ohio. Bolt fastening device. 2,571,786, Oct. 16.

Tinnerman, George A., assignor to Tinnerman Products, Inc., Cleveland, Ohio. Sheet metal snap fastener. 2,578,381, Dec. 11.

Tinnerman, George A., assignor to Tinnerman Products, Inc., Cleveland, Ohio. Sheet metal spring clip. 2,579,279, Dec. 18.

Tinnerman, George A., and J. F. Rafferty, assignors to Tinnerman Products, Inc., Cleveland, Ohio. Tool for applying threadless fasteners. 2,575,320, Nov. 13.

Tinnerman Products, Inc., assignee: *See*—
Andrews, Steve J.
Flora, Laurence H., and Hartman.
Hansman, George A.
Hartman, Richard A.
Judd, Charles H.
Sweet, Laurie.
Tinnerman, George A.
Tinnerman, George A., and Rafferty.

Tinsley, George C., Glen Ellyn, assignor to Precision Steel Warehouse, Inc., Chicago, Ill. Dispensing container for coiled wire. 2,579,131, Dec. 18.

Tinsley (Industrial Instruments) Limited, assignee: *See*—
Steghart, Fritz L.

Tinsley, John S.: *See*—
Pyle, George H., and Tinsley.

Tint, Lester M.: *See*—
Clousing, Lawrence A., and Tint.

Tint, Lester M., Palo Alto, Calif. Force measuring device. 2,544,738, Mar. 13.

Tinus, William C., Maplewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Microwave broadcast antenna. 2,549,143, Apr. 17.

Tipler, William: *See*—
Lubbock, Isaac, and Tipler.

Tippen, Frank J., Coventry, England. Friction disk drive with pressure distributing idlers. 2,537,559, Jan. 9.

Tipps, James F., Memphis, Tenn. Cooling and drying grain and seed. 2,560,141, July 10.

Tip-Top Products Company, assignee: *See*—
Renstrom, Carl W.

Tipweeve Corp., assignee: *See*—
Bellin, Gabriel A.

Tirips Corporation, The, assignee: *See*—
Castner, Frank G.

Tirocchi, Louis W., and W. F. Decesare, Providence, R. I. Dispensing type toothbrush with slidable ejector. 2,536,968, Jan. 2.

Tisch Machine & Tool Company, Inc., assignee: *See*—
Yankeelov, John A.

Tischler, Nathaniel, Palmyra, N. J., and E. P. Bell, Grosse Ile, Mich., assignors to Sharples Chemicals Inc. Plant growth regulation. 2,576,080, Nov. 20.

Tischler, Nathaniel, Palmyra, N. J., and E. P. Bell, Detroit, Mich, assignors to Sharples Chemicals Inc. Plant growth regulation. 2,576,081, Nov. 20.

Tischler, Nathaniel, Palmyra, N. J., and E. P. Bell, Detroit, Mich., assignors to Sharples Chemicals Inc. Plant growth regulation. 2,576,082, Nov. 20.

Tischler, Nathaniel, Palmyra, N. J., assignor to Sharples Chemicals Inc. Plant growth regulation. 2,576,083, Nov. 20.

Tischler, Thomas A., Detroit, Mich. Mechanical butter dispensing machine. 2,544,739, Mar. 13.

Tiscornia, James W., M. B. Lucker, D. Parrett, O. A. Kershner, St. Joseph, and C. R. Myers, Galien, assignors, by mesne assignments, to Lambert Brake Corporation, St. Joseph, Mich. Disk brake and automatic adjusting means therefor. 2,563,759, Aug. 7.

Tishler, Max: *See*—
Cram, Donald J., and Tishler.
Pfister, Karl, III, Robinson, and Tishler.
Pfister, Karl, III, and Tishler.
Sletzinger, Meyer, and Tishler.
Weijlard, John, and Tishler.

Tishler, Max, Westfield, assignor to Merck & Co., Inc., Rahway, N. J. Preparing metal salts of penicillin. 2,577,865, Dec. 11.

Tiso, John E.: *See*—
Schaab, Rudolph S., and Tiso.

Tison Engineering, Inc., assignee: *See*—
Peterson, Carlton G.

Tissol, Carolyn E., Minneapolis, Minn. and L. D. Goodhue, Bartlesville, Okla., assignors to Phillips Petroleum Company. Repellence of insects. 2,572,577, Oct. 23.

Titan Company, Inc., assignee: *See*—
Oppegaard, Assur G. and Raynestad.

Titcomb, Albert S., Warren, R. I. Abrasive block or segment. Re. 23,364, May 8.

Titcomb, Albert S., South Warren, R. I. Abrasive wheel. 2,541,844, Feb. 13.

Titus, Armour H., Beloit, Wis., assignor to Warner Electric Brake & Clutch Company. Friction brake. 2,541,445, Feb. 13.

Titus, Arthur W.: *See*—
Stump, Orville R., and Titus.

Titus, Charles H.: *See*—
Oppel, John A., and Titus.

Titus, Charles H., Philadelphia, Pa., assignor to General Electric Company. Progressive arc quencher. 2,568,470, Sept. 18.

Titus, Elwood O.: *See*—
Fried, Josef, Titus, and Shannon.

Titus, George, Minto, Alaska. Animal trap. 2,536,585, Jan. 2.

Titus, Melvin E., Battle View, N. Dak. Slack eliminator for trip ropes. 2,542,731, Feb. 20.

Titus, Raymond D.: *See*—
Pool, Stuart D., and Titus.

Titus, Thomas L., Cheyenne, Wyo., assignor to Wyott Manufacturing Co. Inc. Pump dispenser. 2,548,752, Apr. 10.

Titus, Wilford E., Oklahoma City, Okla. Slip-seat for high chairs. 2,560,708, July 17.

Titze, Karl, Vienna, Austria. Governing of internal-combustion engines. 2,552,695, May 15.

Tjossem, Willard W.: *See*—
Duffendack, John C., Jr., and Tjossem.

Tlapek, Thomas W.: *See*—
Graf, Paul R., and Tlapek.

Tlustý, Antonín, Tabor, Czechoslovakia. Autofocus enlarger. 2,555,460, June 5.

Toadvine, Norman F., Salisbury, Md. Automatic water valve. 2,541,622, Feb. 13.

Toast-O-Lator Co., Inc., assignee: *See*—
Goodard, Alvin C.

Toastswell Company, Incorporated, The, assignee: *See*—
McCullough, Paul J.

Tobacco By-Products and Chemical Corporation, assignee: *See*—
Arnold, Robert B., and Galloway.

Tobacco By-Products and Chemical Corporation, Inc., assignee: *See*—
Yent, Charles C.

Tobey, Frederic S., Canton, Mass., assignor, by mesne assignments, to W. H. Brady Co., Milwaukee, Wis. Stencil. 2,547,674, Apr. 3.

Tobey, Leon H., assignor to Bloomer Bros. Company, Newark, N. Y. Carton dispenser. 2,570,167, Oct. 2.

Tobey, Raymond E., Springfield, Mass., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Two temperature refrigerator. 2,563,975, Aug. 14.

Tobey, Raymond E., Springfield, Mass., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Refrigerator frost indicator. 2,571,787, Oct. 16.

Tobey, Raymond E., Springfield, Mass., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Refrigeration apparatus. 2,578,906, Dec. 18.

Tobias, Arthur R., Elmira, assignor to Bendix Aviation Corporation, Elmira Heights, N. Y. Engine starter gearing. 2,546,954, Mar. 27.

Tobias, Arthur R., Elmira, assignor to Bendix Aviation Corporation, Elmira Heights, N. Y. Engine starter gearing. 2,569,267, Sept. 25.

Tobias, Charles W.: *See*—
Rosenthal, Robert L., and Tobias.

Tobias, Cornelius A., Walnut Creek, Calif., assignor to United States of America as represented by the United States Atomic Energy Commission. Segmented ionization chamber. 2,566,684, Sept. 4.

Tobias, Herrmann B., Washington, D. C. Map holder. 2,574,802, Nov. 13.
Tobias, Joseph J., New York, N. Y. Articulated pillow and case. 2,577,395, Dec. 4.
Tobin-Arp Manufacturing Company, assignee: *See*—
Arp, Ewald A.
Tobin, Clifford, Casper, Wyo. Dump rake. 2,541,308, Feb. 13.
Tobin, Edward J., Norfolk, Conn. Combination lock switch. 2,545,395, Mar. 13.
Tobler, Hans, Zurich, Switzerland, assignor to Landis & Gyr, A. G. Receiving device for remote-control installations. 2,568,836, Sept. 25.
Toby, Max E., San Francisco, Calif., assignor, by mesne assignments, to P. R. Beutel and J. C. Wills. Predetermining counter. 2,538,988, Jan. 23.
Toby, Max E., assignor to Keyston Bros., San Francisco, Calif. Retainer latch for pistol holsters. 2,551,913, May 8.
Todd, Arthur L., San Dimas, Calif. Filtering means for the stacks of smudge pots and the like. 2,544,190, Mar. 6.
Todd, Bryan J., and R. E. Turner, assignors to Associated Motorists Petrol Company Limited, Wellington, New Zealand. Apparatus for use in the delivery of liquids from containers. 2,540,409, Feb. 6.
Todd, C., trustee, assignee: *See*—
Koch, Frederick.
Todd, Everett W., assignor to The Massey-Harris Company, Racine, Wis. Planter marker. 2,561,078, July 17.
Todd, Francis C., Columbus, assignor, by mesne assignments, to Howard Paper Mills, Inc., Dayton, Ohio. Photoelectric inspection of sheet materials. 2,570,288, Oct. 9.
Todd, Maxwell F., St. Louis, Mo. Collapsible ventilated awning. 2,538,286, Jan. 16.
Todd, Robert T.: *See*—
Lundeen, Chester A., and Todd.
Todd, Richard W., executor: *See*—
Hanna, William T.
Todd Shipyards Corporation, assignee: *See*—
Briese, Lester E.
Thearle, Philip H.
Todhunter, Walter J., Fresno, Calif. Automatically lighted ash receptacle. 2,555,716, June 5.
Toelstede, Jake H., Chicago, Ill. Revolvable stool. 2,542,218, Feb. 20.
Tofflemire, Benjamin F., Lafayette, Calif. Reinforcement for a tooth filling. 2,538,486, Jan. 16.
Tognola, Tullio, Sidney, assignor to Bendix Aviation Corporation, New York, N. Y. Electrical apparatus. 2,571,788, Oct. 16.
Tognola, Tullio, Sidney, assignor to Bendix Aviation Corporation, New York, N. Y. Electrical apparatus. 2,571,789, Oct. 16.
Tokheim Oil Tank & Pump Company, assignee: *See*—
Hill, Robert H.
Wright, George W., and Harrison.
Wright, George W., and Smethers.
Toland-Hinrichs Company, assignee: *See*—
Hinrichs, Jack F.
Toland, Wayne G., Canton, Ill., assignor to International Harvester Company. Tractor-mounted two-way plow. 2.577,384, Dec. 4.
Toland, William G., Jr., Richmond, assignor to California Research Corporation, San Francisco, Calif. Oxidation of organic compounds. 2,574,511, Nov. 13.
Toland, William G., Jr., Richmond, assignor to California Research Corporation, San Francisco, Calif. Production of dicarboxylic acids or anhydrides thereof. 2,574,512, Nov. 13.
Toland, William G., Jr., Richmond, assignor to California Research Corporation, San Francisco, Calif. Purification of benzene polycarboxylic acids by an oil sublimation process. 2,578,326, Dec. 11.
Toledo Engineering Company, Inc., assignee: *See*—
Batchell, George W.
Toledo Plate & Window Glass Company, The, assignee: *See*—
Kelly, Ogilvie C.
Toledo Scale Company, assignee: *See*—
Anstice, Mortimer R., Sr.
Brown, James D.
Gilchrist, Fred W.
Hart, Norman E.
Hart, Norman E., and Guss.
Hem, Halvor W.
Kendall, Donald B., and Bradley.
Lindner, Arthur E., Harmon, and Robinson.
Lindner, Arthur E., and Robinson.
Schwalbe, Franz G.
Weckerly, Mark A.
Williams, Lawrence S.
Wood, George R.
Yeasting, Maynard C.
Tollafield, Frederick J., Detroit, Mich. Woodworking machine attachment to a jig saw. 2,542,373, Feb. 20.
Tolle, Karl, assignor to Eastman Kodak Company, Rochester, N. Y. Reversed telephoto objective having a high-index positive front lens element. 2,548,569, Apr. 10.
Tolle, Paul A., Dayton, Ohio. Float. 2,579,713, Dec. 25.
Tolle, Vance W., and P. E. Ludy, Dayton, Ohio, assignors to General Motors Corporation, Detroit, Mich. Painting electrostatically nonconducting articles. 2,555,519, June 5.
Tollison, Paul L.: *See*—
Roesen, Oscar C., Richards, and Tollison.
Tollison, Paul L., North Plainfield, and C. L. Ricards, South Plainfield, assignors to Wood Newspaper Machinery Corporation, Plainfield, N. J. Stereotype platemaking machine. 2,536,670, Jan. 2.
Tolman, John A., Los Angeles, Calif. Sterilization of liquids. 2,540,223, Feb. 6.
Tolman, Samuel L., Grandview, Ohio, assignor to The Jeffrey Manufacturing Company. Water treating apparatus. 2,556,014, June 5.
Tolson, Eugene O.: *See*—
Thompson, Willis H., Tolson, and McLemore.
Tolson, William A.: *See*—
Sziklai, George C., and Tolson.
Tolson, William A., Princeton, N. J., assignor to Radio Corporation of America. Sonic proximity fuse. 2,536,327, Jan. 2.
Tolson, William A., Princeton, N. J., assignor to Radio Corporation of America. Computing device. 2,545,123, Mar. 13.
Tolson, William A., Princeton, N. J., assignor to Radio Corporation of America. Clamp circuit. 2,554,317, May 22.
Tolson, William A., Princeton, N. J., assignor to Radio Corporation of America. Aircraft traffic control system. 2,577,166, Dec. 4.
Tom, Theodore B.: *See*—
Bolt, John A., and Tom.
Brooks, John A., Kruase, Tom, and Fragen.
Krause, Jack H., and Tom.
Tom, Theodore B., Hammond, Ind., assignor to Standard Oil Company, Chicago, Ill. Treating hydrocarbon oils. 2,543,995, Mar. 6.
Tom, Theodore B., and J. H. Krause, Hammond, Ind., assignors to Standard Oil Company, Chicago, Ill. Distillate sweetening process. 2,547,181, Apr. 3.
Toman, Lee L., assignor to Philco Corporation, Philadelphia, Pa. Inductance tuning unit. 2,543,479, Feb. 27.
Tomarin, Harry A., Cincinnati, assignor to Loroco Industries Incorporated, Reading, Ohio. Garment support. 2,559,096, July 3.
Tomarin, Harry A., Cincinnati, assignor to Loroco Industries Incorporated, Reading, Ohio. Shield for shoe racks. 2,560,314, July 10.
Tomarin, Harry A., Cincinnati, assignor to Loroco Industries Incorporated, Reading, Ohio. Shield for garment hangers. 2,578,383, Dec. 11.
Tomaschke, Frederick L., Berkeley, Calif. Dispenser for deodorants. 2,538,989, Jan. 23.
Tomasich, Frank: *See*—
Stuckey, Warren A., Gregurich, and Tomasich.
Tomassoni, Chester A., assignee: *See*—
Enrico, Raymond J.
Tomaszewski, Max M.: *See*—
Goldsbarry, Albert W., and Tomaszewski.
Tomb, Robert E., Indiana, Pa. Knockdown porch and step railing. 2,576,427, Nov. 27.
Tomberg, Sidney, Camden, N. J., assignor to the United States of America as represented by the Secretary of War. Antenna output indicator. 2,539,495, Jan. 30.
Tomek, Arthur O., Hyattsville, Md., and G. A. Rohlich, State College, Pa. Sand scrubbing device and method. 2,538,340, Jan. 16.
Tomfohrde, Gilbert, Arpin, Wis. Conveyer for manure disposal systems. 2,544,191. Mar. 6.
Tomkins-Johnson Company, assignee: *See*—
Ward, Loyd A., and Taylor.
Tomkins, Walter M., Hinsdale, Ill., assignor to Continental Can Company, Inc., New York, N. Y. Can arranging apparatus. 2,571,790, Oct. 16.
Tomlinson, Darrell E., assignor of ninety per cent to E. R. Tomlinson, Crane, Tex. Heater for oil well tubing. 2,561,249, July 17.
Tomlinson, Earl T., Yorktown, Ind. Concrete block mold. 2,541,950, Feb. 13.
Tomlinson, Edward R., assignee: *See*—
Tomlinson, Darrell E.
Tomlinson, Fay M., Lakewood, assignor to The Warner & Swasey Company, Cleveland, Ohio. Machine tool transmission. 2,557,324, June 19.
Tomlinson, L. G., Dallas, Tex. Wall and partition construction. 2,540,305, Feb. 6.
Tompkins, Alan, Stratford, Conn., assignor to General Electric Company. Kitchen cabinet. 2,551,305, May 1.
Tompkins, Charles B.: *See*—
Cohen, Arnold A., Keye, and Tompkins.
Tompkins, Charles B., U. S. Navy. Pulse recognition device. 2,577,827, Dec. 11.
Tompkins, Chester H., Spokane, assignor of one-half to Edwin J. Cole, Walla Walla, Wash. Support for combined slidable containers and closures. 2,556,456, June 12.
Tompkins, Edward R., Berkeley, Calif., assignor to the United States of America as represented by the United States Atomic Energy Commission. Separation of radium from barium. 2,554,649, May 29

Tompkins, Edward R., Oakridge, Tenn., assignor to the United States of America as represented by the United States Atomic Energy Commission. Combination beta and gamma chamber. 2,538,632, Jan. 16.
Tompkins, Edwin H., assignee: *See*—
McCready, Howard W.
Tompkins, George, Wollaston, Mass. Process control apparatus. 2,571,791, Oct. 16.
Tompkins, J. Everette, assignee: *See*—
Duerr, Carl F., Jr.
Tompkins, Richard R., assignee: *See*—
Laschke, Harry W.
Tompson, Reade Y.: *See*—
Lehr, James C., O'Flynn, and Tompson.
Tomunak, John C., assignor to Victor Manufacturing & Gasket Co., Chicago, Ill. Gasket material and making same. 2,571,075, Oct. 9.
Toner, Clarence B., Jr., Chicago, Ill. Fishing lure. 2,558,397, June 26.
Toner, James E. J., assignor to Bethlehem Foundry and Machine Company, Bethlehem, Pa. Furnace baffle construction and arrangement. 2,576,053, Nov. 20.
Toney, Charles D.: *See*—
Wright, John G., Toney, Watkins, Sudan, and Maxwell.
Toney, Henry W., assignor to The Kawneer Company, Niles, Mich. Awning construction. 2,569,621, Oct. 2.
Tooke, James W., Bartlesville, Okla., and P. F. Warner, Phillips, Tex., assignors to Phillips Petroleum Company. Purification of hydrocarbons. 2,543,478, Feb. 27.
Toole-Woodward Engineering Company, assignee: *See*—
McDaid, Neil J.
Tooley, Fay V.: *See*—
Tiede, Ralph L., and Tooley.
Tooley, Fay V., Newark, Ohio, assignor to Owens-Corning Fiberglas Corporation. Method and apparatus for forming fibers. 2,566,643, Sept. 4.
Tooley, Fay V., Newark, Ohio, assignor to Owens-Corning Fiberglas Corporation. Production of glass. 2,578,110, Dec. 11.
Tooley, Fay V., and R. G. Russell, Newark, assignors to Owens-Corning Fiberglas Corporation, Toledo, Ohio. Apparatus for producing glass to be attenuated to fibers. 2,566,252, Aug. 28.
Toorell, Sture, assignor to Aktiebolaget Facit, Atvidaberg, Sweden. Overdraft sensing and control mechanism for crawl-carry accumulators. 2,553,884, May 22.
Toorell, Sture, and E. Grip, assignors to Aktiebolaget Facit, Atvidaberg, Sweden. Automatic multiplying machine. 2,560,910, July 17.
Toot, David F., Huntington Woods, assignor to Chrysler Corporation, Highland Park, Mich. Electrical circuit for transmission and clutch control. 2,578,158, Dec. 11.
Tootal Broadhurst Lee Company, assignee: *See*—
Taylor, Maurice K., and Nield.
Toothaker, John R.: *See*—
Maxam, Allen B., and Toothaker.
Topanelian, Edward, Jr., assignor to Gulf Research & Development Company, Pittsburgh, Pa. Hammer drill. 2,563,083, Aug. 7.
Topanelian, Edward, Jr., assignor to Gulf Research & Development Company, Pittsburgh, Pa. Centrifugal gas-liquid separator. 2,575,568, Nov. 20.
Topanelian, Edward, Jr., assignor to Gulf Research & Development Company, Pittsburgh, Pa. Hammer drill. 2,580,203, Dec. 25.
Topeka Tent & Awning Co., assignee: *See*—
Bell, Edwin F.
Topham, Arthur, Blackley, Manchester, England, assignor to Imperial Chemical Industries Limited. Dyestuff preparations. 2,559,807, July 10.
Topham, Arthur, Blackley, Manchester, England, assignor to Imperial Chemical Industries Limited. Dyestuff preparations for printing. 2,559,808, July 10.
Topham, Arthur, Blackley, Manchester, England, assignor to Imperial Chemical Industries Limited. Dyestuff preparations for printing. 2,559,809, July 10.
Topham, Laurence E., Wenham, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Machine for operating on shoe lasts. 2,551,773, May 8.
Topham, Laurence E., Wenham, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Copying lathe. 2,577,932, Dec. 11.
Topham, Laurence E., Wenham, and G. P. S. Cross, Beverly, Mass., assignors to United Shoe Machinery Corporation, Flemington, N. J. Kerf-cutting machine. 2,574,672, Nov. 13.
Toporeck, Edward R., Inyokern, Calif., assignor to the United States of America as represented by the Secretary of the United States Air Force. Automatic gain control circuit. 2,539,042, Jan. 23.
Topp, Alphonso A., Indianapolis, Ind. Vaporizing manifold type liquid fuel burner. 2,563,139, Aug. 7.
Topping, Frank W., Seattle, Wash. Crushed ice dispenser. 2,556,510, June 12.
Torcheux, Emile, Paris, France, assignor to Societe Française Radio Electrique. Device for conversion of frequencies. 2,542,732, Feb. 20.
Tore, Alton J., Westmont, and L. R. Kirkwood, Oaklyn, N. J., assignors to Radio Corporation of America. Frequency converter and oscillator circuit. 2,580,051, Dec. 25.
Torell, Theodore, Missoula, Mont. Diesel engine exhaust blower. 2,568,039, Sept. 18.
Torgeson, Edward, Grygla, Minn. Animal trap. 2,578,762, Dec. 18.
Torgeson, Everett V., Elkhart, Ind., assignor to The Adlake Company. Mounting cups in mercury switches. 2,562,752, July 31.
Torin, Raymond, assignee: *See*—
Malchus, Johannes A. C.
Torkelson, Torkel E., Baldwin, N. Y., assignor to The McBee Company, Athens, Ohio. Clutch mechanism. 2,566,261, Aug. 28.
Tormo, Mel G., Woodside, N. Y. Pipe hanger. 2,549,346, Apr. 17.
Tornansky, Irving, Hartford, Conn. Adjustable block gauge. 2,544,192, Mar. 6.
Tornberg, Henning T., Ridgewood, assignor to Modern Plastic Machinery Corporation, Lodi, N. J. Orientation machine for plastic filaments. 2,542,595, Feb. 20.
Tornberg, Ingvar E., Ridgewood, N. J. Extrusion apparatus. 2,549,400, Apr. 17.
Tornberg, Isidor: *See*—
Ricards, Charles L., and Tornberg.
Tornblom, Nils A., Chicago, Ill., assignor to Appleton Electric Company. Fixture hanger for outlet boxes. 2,545,124, Mar. 13.
Törnebohm, Hilding V.: *See*—
Meuller, Karl H., and Törnebohm.
Torok, Anna, executrix: *See*—
Torok, Julius.
Torok, Julius, deceased, Allentown, Pa.; A. Torok, executrix of said J. Torok. Friction drive for hoisting apparatus. 2,538,061, Jan. 16.
Toronto Electric Commissioners, assignee. *See*—
Schwenger, Charles E.
Toronto Star Limited, The, assignee: *See*—
Sykes, Thomas R.
Torosian, Edward, Grosse Pointe, Mich., assignor to J. W. Speaker Corporation, Milwaukee, Wis. Blind attachment device. 2,563,976, Aug. 14.
Torpy, Thomas J., and W. J. Harris, Chicago, Ill. Furnace. 2,540,359, Feb. 6.
Torquati, Edward, Martin's Creek, Pa. Foul weather clothesbag. 2,546,480, Mar. 27.
Torrani, Piero, Golasecca, Italy. Motivating means for agricultural machines. 2,542,374, Feb. 20.
Torre, Alton J., Westmont, N. J., assignor to Radio Corporation of America. Core mounting for permeability tuners. 2,555,520, June 5.
Torre, Alton J., Westmont, and L. R. Kirkwood, Oaklyn, N. J., assignors to Radio Corporation of America. Nonlinear signal transmission system. 2,580,052, Dec. 25.
Torres, August S., Kinderbook, N. Y. Coffee roasting apparatus. 2,572,678, Oct. 23.
Torres, August S., Framingham, Mass. Roasting method. 2,572,679, Oct. 23.
Torres, Roberto, Mexico City, Mexico. Combined shock absorbing and motor vehicle spring suspension arrangement. 2,573,119, Oct. 30.
Torresen, Carel T., Santa Monica, Calif. Nut structure. 2,542,375, Feb. 20.
Torresen, Hester B., Santa Monica, Calif. Maximum shear rivet. 2,542,376, Feb. 20.
Torrey, John E., Shawano, and L. Kasson, Clintonville, Wis. Milk filter. 2,547,797, Apr. 3.
Torricelli Creations, Inc., assignee: *See*—
Torricelli, Ugo.
Torricelli, Ugo, New York, N. Y., assignor to Torricelli Creations, Inc. Computing travel chart. 2,572,781, Oct. 23.
Torsch, Charles E., North Syracuse, N. Y., assignor to General Electric Company. Wide angle sweep yoke assembly. 2,565,331, Aug. 21.
Torsch, Charles E., and J. B. Coullard, North Syracuse, N. Y., assignors to General Electric Company. Electromagnetic scanning system. 2,568,471, Sept. 18.
Torstenson, Henry A., assignee: *See*—
Morberg, Kenneth F.
Wandel, Oscar A.
Tosi, Alessandro and R., Busto Arsizio, Italy. Machine for burning edges of leather pieces. 2,571,792, Oct. 16.
Tosi, Roberto: *See*—
Tosi, Alessandro and R.
Tote Engineering, Inc., assignee: *See*—
White, Frank J., and Scott.
Toth, Alexander E., Lucas County, Ohio, assignor to Gillette Safety Razor Company, Boston, Mass. Safety razor blade changing. 2,562,137, July 24.
Toth, Emerick, Cheverly, Md. Oscillator frequency control. 2,573,742, Nov. 6.
Toth, Emerick, Potomac Park, Md. High-frequency vacuum tube. 2,567,255, Sept. 11.
Toth, Emerick, Takoma Park, Md. Radio-frequency transformer. 2,564,740, Aug. 21.
Toth, John J., Bridgeport, Conn. Stepladder stool. 2,563,436, Aug. 7.
Toth, John J., Wilmington, Del., and R. B. Lewis, Chester, Vt. Cutter for glass tubes, ampoules, and the like. 2,566,434, Sept. 4.
Toth, Julius: *See*—
Bingenheimer, Melvin, Walker, and Toth.
Toth, Michael, Springfield, Ill., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Radiator installation for motor vehicles. 2,576,316, Nov. 27.

Totheroh, Charles F., Copley, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Inflatable covering for surfaces. 2,568,669, Sept. 18.
Toti, Andrew J., and D. D. Toti, Modesto, Calif. Fowl eviscerating tool. 2,547,608, Apr. 3.
Toti, Andrew J., and P. Princevalle, Modesto, assignors of one-third to J. A. Bried, Berkeley, Calif. Venetian blind. 2,567,256, Sept. 11.
Toti, Dante D.: *See*—
Toti, Andrew J., and D. D.
Totusek, Lidumil E., and G. T. Quam, Spokane, Wash. Automatic reel for fishing lines. 2,561,714, July 24.
Touborg, Jens, assignor to Tecumseh Refrigeration Sales and Engineering Company, Tecumseh, Mich. Hermatic refrigerant compressor. 2,540,062, Jan. 30.
Touborg, Jens K., Tecumseh, Mich., assignor, by mesne assignments, to Tecumseh Refrigeration Sales and Engineering Company. Dehydrating refrigeration units. 2,557,621, June 19.
Touchberry, Alice, Palm Beach, Fla. Colonic therapy table device. 2,564,135, Aug. 14.
Touchman, William S.: *See*—
Bean, Morris, Touchman, and Bruckman.
Toulmin, Harry A., Jr., assignor to The Commonwealth Engineering Company of Ohio, Dayton, Ohio. Continuous process for making sponge rubber. 2,549,864, Apr. 24.
Toulmin, Harry A., Jr., assignor to New Wrinkle, Inc., Dayton, Ohio. Apparatus for producing self-supporting wrinkle film. 2,576,317, Nov. 27.
Toulmin, Harry A., Jr., assignor to The Commonwealth Engineering Company of Ohio, Dayton, Ohio. Making foam rubber. 2,576,318, Nov. 27.
Toulmin, Harry A., Jr., assignor to The Commonwealth Engineering Company of Ohio, Dayton, Ohio. Building and parking arrangement. 2,580,204, Dec. 25.
Toulmin, Harry A., Jr., and J. E. Berman, assignors to Industrial Metal Protectives, Inc., Dayton, Ohio. Coating apparatus. 2,576,319, Nov. 27.
Toulmin, Harry A., Jr., and J. E. Berman, assignors to Industrial Metal Protectives, Inc., Dayton, Ohio. Manufacturing coated chain. 2,576,372, Nov. 27.
Toulon, Pierre M. G., Neuilly-sur-Seine, France, assignor to Products & Licensing Corporation, New York, N. Y. System for controlling the flow of successive electrical impulses in a channel. 2,541,133, Feb. 13.
Toulon, Pierre M. G., Neuilly-sur-Seine, France, assignor to Products & Licensing Corporation, New York, N. Y. System for distributing successive electrical impulses to a multiplicity of output channels. 2,541,134, Feb. 13.
Toulon, Pierre M. G., Neuilly-sur-Seine, France, assignor to Products & Licensing Corporation, New York, N. Y. Television receiver screen and similar systems. 2,556,858, June 12.
Toulon, Pierre M. G., Neuilly-sur Seine, France, assignor to Products & Licensing Corporation, New York, N. Y. Signal distributing system for television receiver tube having equal number of picture elements and cathode rays. 2,558,019, June 26.
Toulon, Pierre M. G., Neuilly-sur-Seine, France, assignor to Products & Licensing Corporation, New York, N. Y. System for connecting a single channel with a plurality of channels in periodical succession. 2,565,102, Aug. 21.
Toulon, Pierre M. G., Neuilly-sur-Seine, France, assignor to Products & Licensing Corporation, New York, N. Y. Signal distribution system. 2,568,375, Sept. 18.
Toulon, Pierre M. G., New York, N. Y. Switching tube. 2,565,103, Aug. 21.
Toulon, Pierre M. G., Paris, France, assignor to Products & Licensing Corporation, New York, N. Y. Voltage regulator. 2,555,015, May 29.
Toulon, Pierre M. G., Paris, France, assignor to Products & Licensing Corporation, New York, N. Y. Arc prevention system. 2,571,076, Oct. 9.
Touloukian, Yeram S., West Lafayette, Ind., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Flash evaporator. 2,548,081, Apr. 10.
Toups, Jerome C.: *See*—
Hermont, Alfred J., and Toups.
Tour, Reuben S., Cincinnati, Ohio, assignor to Darling & Company, Chicago, Ill. Dual extraction of grease, glue, and gelatin. 2,562,221, July 31.
Tour, Sam, New York, N. Y., assignor to J. S. W. Bates, Phoenix, Ariz. Cartridge for below-surface treatment of molten metals. 2,550,735, May 1.
Touraton, Emile, R. Zwobada, and A. Gratzmuller, Paris, France, assignors to International Standard Electric Corporation, New York, N. Y. Multiple gap velocity modulation tube. 2,547,061, Apr. 3.
Touraton, Emile, R. Zwobada, and A. M. Gratzmuller, Paris, France, assignors to International Standard Electric Corporation, New York, N. Y. Velocity modulated beam tubes with reflector electrodes. 2,570,289, Oct. 9
Tourneur, Maurice, Coulommiers, and J. Renault, La Ferte-Sous-Jouarre, France, assignors to Societe Generale Meuliere La Ferte-Sous-Jouarre (Seine and Marne). Apparatus for cutting beet seed glomerules to prepare monogerminal seeds. 2,537,717, Jan. 9.
Tourshou, Simeon I.: *See*—
Davis, Lewis H., and Tourshou.
Tourshou, Simeon I., Philadelphia, Pa., assignor to Radio Corporation of America. Saw-tooth wave generator. 2,538,541, Jan. 16.
Tourshou, Simeon I., Philadelphia, Pa., assignor to Radio Corporation of America. Television deflection power recovery circuit. 2,555,831, June 5.
Tourshou, Simeon I., Philadelphia, Pa., assignor to Radio Corporation of America. Deflection system. 2,579,627, Dec. 25.
Tourshou, Simeon I., Philadelphia, Pa., and W. E. Scull, Jr., Haddonfield, N. J., assignors to Radio Corporation of America. High-voltage power supply. 2,555,827, June 5.
Tourtellot, John A., Merchantville, N. J., assignor to Philco Corporation, Philadelphia, Pa. Dual stylus phonograph pickup. 2,548,082, Apr. 10.
Toussie, Murray J., West New York, N. J. Baby pants. 2,545,216, Mar. 13.
Tout-Kowsky, Pierre, Paris, France. Variable-speed gear or drive. 2,538,633, Jan. 16.
Touton, Rush D., Wynnewood, assignor to Wurton Machine Company, Philadelphia, Pa. Air conditioning apparatus. 2,553,121, May 15.
Touton, Rush D., Wynnewood, assignor to Wurton Machine Company, Philadelphia, Pa. Treating tobacco. 2,566,589, Sept. 4.
Touvay, Robert G. R., assignor to Societe Anonyme des Manufactures des Glaces & Produits Chimiques de Saint-Gobain, Chauny & Cirey, Paris, France. Machine for forming conoidal surfaces 2,568,040, Sept. 18.
Touvet, Guy, Orleans, Loiret, France. Light communication system. 2,538,062, Jan. 16.
Touvet, Guy, Orleans, France. Search and orientation system. 2,538,063, Jan. 16.
Touvet, Guy A. D., Orleans, France. Absorption spectrometry with use of radio-frequency modulated light source. 2,559,688, July 10.
Tow, James O., Huntington Park, assignor to McCullough Tool Company, Los Angeles, Calif. Gun perforator for well casings. 2,565,788, Aug. 28.
Tow, James O., Huntington Park, assignor to McCullough Tool Company, Los Angeles, Calif. Well casing gun perforator. 2,565,789, Aug. 28.
Towar, Scott C., Burbank, Calif. Vaporizing oil burner. 2,540,018, Jan. 30.
Towe, Arvil, Mountain Grove, Mo. Machine for packing celery bunches in trenches. 2,560,750, July 17.
Towey, Michael, Durban, Natal, Union of South Africa. Fish holder. 2,539,496, Jan. 30.
Towle, Beatrice E.: *See*—
Towle, Frank N. and B. E.
Towle, Frank N. and B. E., Soquel, Calif. Mechanism for raising the harness frames of looms. 2,576,428, Nov. 27.
Towler, Frank H.: *See*—
Towler, John M. and F. H.
Towler, John M., Harrogate, and F. H. Towler, Otley, assignors to Electraulic Presses Limited, Rodley, near Leeds, England. Automatic hydraulically operated control valve. 2,561,431, July 24.
Towmotor Corporation, assignee: *See*—
Daniels, Lee C.
Shaffer, Walter M.
Town Fashions Inc., assignee: *See*—
Cooper, Arthur M., and Bening.
Towne, Edmund B.: *See*—
Dickey, Joseph B., and Towne.
Towne, Edmund B., assignee: *See*—
Dickey, Joseph B., and Towne.
Towne, Harold G., Westboro, assignor to Dennison Manufacturing Company, Framingham, Mass. Dispensing package of flexible articles of sheet material. 2,540,499, Feb. 6.
Towne, Robert W., Baden Station, assignor to Monsanto Chemical Company, St. Louis, Mo. Breaking petroleum emulsions. 2,570,611, Oct. 9.
Townend, Gordon H.: *See*—
Moneypenny, Harold K., Townend and Beardsmore.
Townend, Robert V., Arlington, N. J., and D. H. Kelly, New Hyde Park, assignors to Allied Chemical & Dye Corporation, New York, N. Y. Manufacture of sulfur from hydrogen sulfide. 2,563,437, Aug. 7.
Towner, Harold A., assignor to General Motors Corporation, Dayton, Ohio. Bonding two metal members with an aperture therein. 2,550,174, Apr. 24.
Towner Manufacturing Company, assignee: *See*—
Heckathorn, Loyd, and Rapp.
Martin, Charles H.
Rapp, Howard B.
Towner, Standley H., and P. A. Childs, London, England, assignors, by mesne assignments, to International Standard Electric Corporation, New York, N. Y. Electromagnetic relay. 2,547,062, Apr. 3.
Townes, Charles H., Chatham, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron camera tube. 2,544,754, Mar. 13.
Townes, Edgar E., Jr., assignee: *See*—
Humason, Granville A.
Townhill, Arthur, assignor to Thompson Products, Inc., Cleveland, Ohio. Coolant filled piston. 2,537,174, Jan. 9.
Townhill, Arthur, assignor to Thompson Products, Inc., Cleveland, Ohio. Strut type piston. 2,563,887, Aug. 14.

Townley, Frederick, Acton, assignor to Folding Books Limited, London, England. Picture book. 2,546,878, Mar. 27.

Townley, Holden B., Cleveland Heights, assignor to Perfection Stove Company, Cleveland, Ohio. Liquid fuel feeding means. 2,559,135, July 3.

Towns, Ervin A., Cambridge, Mass. Picker stick. 2,553,153, May 15.

Towns, Mirabeau C., Jr., Sparta, N. J. Hairpin. 2,566,782, Sept. 4.

Townsend, Carroll S., Fair Haven, assignor to Bendix Aviation Corporation, Teterboro, N. J. Electrical regulator. 2,546,481, Mar. 27.

Townsend, Charles E., Jr., assignee: *See*—
Beaudet, Telesphore J.

Townsend Engineering Company, assignee: *See*—
Townsend, Ray T.

Townsend, Mark A., Murray Hill, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Cold cathode gaseous discharge device. 2,575,370, Nov. 20.

Townsend, Mark A., Murray Hill, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Cold cathode gaseous discharge device. 2,575,371, Nov. 20.

Townsend, Mark A., Murray Hill, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Cold cathode gaseous discharge device. 2,575,372, Nov. 20.

Townsend, Ray T., assignor to Townsend Engineering Company, Des Moines, Iowa. Hand fish skinner. 2,547,237, Apr. 3.

Townsend, Ray T., assignor to Townsend Engineering Company, Des Moines, Iowa. Hold-down attachment for skinning machines. 2,578,952, Dec. 18.

Townsend, Robert L., Detroit, Mich. Rewind mechanism for film spools or reels. 2,556,563, June 12.

Townsend, Stephen S., assignee: *See*—
Beaudet, Telesphore J.

Townsley, Malcolm G., and W. Mack, Park Ridge, assignors to Bell & Howell Company, Chicago, Ill. Retarded action electric motor control device. 2,537,288, Jan. 9.

Townsley, Ralph R., Boston, Mass., assignor to Purdue Research Foundation, Lafayette, Ind. Pulse generator. 2,568,099, Sept. 18.

Towson, Sheldon K., assignee: *See*—
Isler, William.

Toy, Arthur D. F., Chicago, Ill., assignor to Victor Chemical Works. Copolymers of diallyl esters of dicarboxylic acids with di beta, gamma, unsaturated alkenyl arylphosphonates. 2,538,810, Jan. 23.

Toy, Arthur D. F., Chicago, Ill., assignor to Victor Chemical Works. Phosphorus-containing resins and preparing the same. 2,572,076, Oct. 23.

Tozer, Ralph N., assignor to Shatterproof Glass Corporation, Detroit, Mich. Internal broach with work guiding means. 2,547,509, Apr. 3.

Tracy, Mearl V., Pasadena, Calif. Straight-line-motion swinging saw support. 2,569,354, Sept. 25.

Tracy, Madison H., Detroit, Mich. Method of and apparatus for displaying a projected image of a drawing. 2,543,561, Feb. 27.

Tracy, Osgood V., Short Hills, N. J., assignor to Standard Oil Development Company. Preparation of resin-drying oil mixture. 2,554,280, May 22.

Trad, Victor, Deal, N. J. Projection lens barrel for Schmidt lens system. 2,567,745, Sept. 11.

Trade-Wind Motorfans, Inc., assignee: *See*—
Orear, Andrew G.

Traeger, Mathilda H., Rutherford, N. J. Traveling sewing cabinet. 2,541,845, Feb. 13.

Trafton, Warren L., Detroit, Mich., assignor to United-Carr Fastener Corporation, Cambridge, Mass. Mounting for fastening members and the like. 2,571,394, Oct. 16.

Trager, Fred C., Akron, Ohio, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Purification of thionyl chloride. 2,539,679, Jan. 30.

Trageser, Albert H., Manhasset, assignor to Trageser Copper Works, Inc., Maspeth, N. Y. Nonturnable spud. 2,553,342, May 15.

Trageser Copper Works, Inc., assignee: *See*—
Trageser, Albert H.

Traiber, Frank, Lakewood, Ohio. Film processing equipment. 2,562,588, July 31.

Trail, Henry S., Quincy, Mass., assignor to Monsanto Chemical Company, St. Louis, Mo. Preparing silica sols. 2,572,578, Oct. 23.

Trail, Henry S., Quincy, Mass., assignor to Monsanto Chemical Company, St. Louis, Mo. Manufacturing colloidal inorganic oxide aquasols. 2,573,743, Nov. 6.

Trail, Robert L., Sherman, Tex. Joint digger and cleaner for concrete pavements. 2,541,309, Feb. 13.

Trailmobile Inc., assignee: *See*—
Black, James J.

Trainer, James E., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Process and apparatus for continuously stretching plastic sheets. 2,560,038, July 10.

Trainor, Hugh J., Jersey City, N. J. Smoking device. 2,561,451, July 24.

Trainor, Robert C., Pittsburgh, Pa. Adjustable support for mirrors. 2,569,622, Oct. 2.

Trammell, Earl M., Sr.: *See*—
Conroy, George A., and Trammell.

Trammell, Earl M., Sr., assignor to Huttig Sash & Door Co., St. Louis, Mo. Sliding door assemblies. 2,561,079, July 17.

Tramontini, Vernon N., Indianapolis, Ind., assignor to Stewart-Warner Corporation, Chicago, Ill. Heating system control. 2,559,810, July 10.

Tranas, Nicolai H., Laramie, Wyo. Mounting means for electrical switch boxes and the like. 2,562,344, July 31.

Trane Company, The, assignee: *See*—
Labus, Otto A.
Miner, Robert G.
Tadewald, Albert O.
Trane, Reuben N., and Tadewald.

Trane, Reuben N., and A. O. Tadewald, assignors to The Trane Company, La Crosse, Wis. Adjustable air distributor. 2,552,236, May 8.

Tranefors, Carl G., Goteborg, Sweden, assignor to E. C. Rhoden, Kansas City, Mo. Boot or the like. 2,548,753, Apr. 10.

Transcontinental Television, Inc., assignee: *See*—
Baltin, William H., and Batcher.

Transducer Corporation, assignee: *See*—
Roberts, Rex S.
Works, Herbert F.

Transeau, Sherman T., Riverside, N. J. Bucket elevator. 2,557,325, June 19.

Transit Research Corporation, assignee: *See*—
Piron, Emil H.

Transitier Truck Co., assignee: *See*—
Johnson, George V.

Trans-Lux Corporation, assignee: *See*—
Giles, Aquila C.
Weller, Frank E.

Transmission & Gear Company, The, assignee: *See*—
Gerst, Chris.

Trant, James L., assignor to The Brown-Brockmeyer Co., Dayton, Ohio. Reversible split-phase motor. 2,549,265, Apr. 17.

Tranter, Watson W., assignor to A. B. Farquhar Company, York, Pa. Sprayer. 2,561,432, July 24.

Tranter, Watson W., assignor to A. B. Farquhar Company, York, Pa. Sprayer head control mechanism. 2,577,828, Dec. 11.

Trapani, Vincent, and H. Krohn, Los Angeles, Calif. Scissors sharpener. 2,544,193, Mar. 6.

Trask, Allen, Chicago, Ill. Humidity control system. 2,549,547, Apr. 17.

Trask, Harold V., Cooley, assignor to Buel Metals Company, St. Paul, Minn. Electrolytic process for producing iron products. 2.538,990, Jan. 23.

Trask, Harold V., Cooley, assignor to Buel Metals Company, St. Paul, Minn. Producing brittle iron plate. 2,538,991, Jan. 23.

Trask, Harold V., Cooley, assignor to Buel Metals Company, St. Paul, Minn. Electrolytically deposited iron products. 2,538,992, Jan. 23.

Tratsch, Walter A., assignor to C. E. Threedy, Chicago, Ill., as trustee. Electric pellet projecting pistol. 2,550,887, May 1.

Tratzik, Frederick: *See*—
Cline, Earl E., and Tratzik.

Tratzik, Frederick, assignor to Mueller Co., Decatur, Ill. Control valve. 2,538,133, Jan. 16.

Tratzik, Frederick, assignor to Mueller Co., Decatur, Ill. Lubricated valve. 2,562,003, July 24.

Tratzik, Frederick, assignor to Mueller Co., Decatur, Ill. Lubricated valve. 2,571,966, Oct. 16.

Traub, Milton, and J. A. Nyer, Brooklyn, N. Y. Adjustable shoulder strap for undergarments. 2,568,670, Sept. 18.

Traube, Abraham, Brooklyn, N. Y. Rotary washing and drying machine. 2,556,303, June 12.

Traughber, Charles W., Jr., Tulsa, Okla. Spray gun. 2,550,888, May 1.

Traum, David, Company, Incorporated, assignee: *See*—
Booth, Herbert G.

Traum, Julius A., New York, N. Y. Illuminated picture support. 2,577,982, Dec. 11.

Traumüller, Arthur J., Brooklyn, N. Y. Multiple cup holding device. 2,561,715, July 24.

Traupel, Walter, assignor to Sulzer Freres, Societe Anonyme, Winterthur, Switzerland. Gas turbine plant. 2,543,677, Feb. 27.

Traupel, Walter, assignor to Sulzer Frêres, Société Anonyme, Winterthur, Switzerland. Gas turbine plant with controller of stage by-pass in turbocompressor auxiliary. 2,573,289, Oct. 30.

Traut, George T.: *See*—
Chavannes, Marc A., and Traut.

Trautman, Charles E., Cheswick, assignor to Gulf Research & Development Company, Pittsburgh, Pa. Oil compositions containing amine salts of acid compounds of boric acid and hydroxy carboxylic acids. 2,568,472, Sept. 18.

Trautman, Oscar C., Parma, Ohio. Apparatus for heat-treating wire and the like. 2,556,349, June 12.

Trautman, Walter C., Los Angeles, Calif., assignor to Bendix Aviation Corporation, South Bend, Ind. Hydraulic pumping system with preloaded hydraulic shock absorber. 2,555,427, June 5.

Trautman, Walter C., Los Angeles, and E. Hollister, Temple City, Calif., assignors to Bendix Aviation Corporation, South Bend, Ind. Hydraulically actuated pumping system for wells. 2,555,426, June 5.
Trautvetter, Fred C., Warsaw, Ill. Adjustable filling device for feed troughs. 2,576,154, Nov. 27.
Trautvetter, William G., Paterson, N. J. Spring propelled picker stick motion. 2,564,383, Aug. 14.
Trautwein, William, Hawthorne, N. J. Tire attachment. 2,538,134, Jan. 16.
Travelers Equipment Co., assignee: *See*—
Balkema, Bertrand B.
Traver, Clarence H., Milwaukee, Wis. Metering valve. 2,577,639, Dec. 4.
Traver, Harry G., Cranford, N. J. Rotary hoe disk. 2,575,321, Nov. 13.
Traver, Philip C., Sr., assignor of fifty per cent to H. Forman, Far Rockaway, N. Y. Antiskid chain attaching means. 2,579,057, Dec. 18.
Travers, Henry A.: *See*—
Marbury, Ralph E., and Travers.
Travers, Raymond J., Youngstown, Ohio. Train line coupling. 2,536,671, Jan. 2.
Traverso, Louis, Jamaica, N. Y. Window laundry drier. 2,568,598, Sept. 18.
Travilla, James C., Jr., Swarthmore, Pa., assignor to General Steel Castings Corporation, Granite City, Ill. Draft gear mounting. 2,565,534, Aug. 28.
Travilla, James C., Jr., Swarthmore, Pa., and E. S. Beckette, East St. Louis, assignors to General Steel Castings Corporation, Granite City, Ill. Railway truck construction. 2,573,232, Oct. 30.
Travis, Aubrie, Grenada, Miss. Locomotive valve arrester. 2,544,866, Mar. 13.
Travis, Bert, Whittier, assignor to T. M. Travis, Eighty-Second Fighter Squadron Jet, Hamilton Air Force Base, Calif. Toy vehicle. 2,558,112, June 26.
Travis, Don C., Kenosha, Wis., assignor to Simmons Company, New York, N. Y. Hospital bed. 2,538,993, Jan. 23.
Travis, Don C., Kenosha, Wis., assignor to Simmons Company, New York, N. Y. Bedstead corner lock. 2,566,541, Sept. 4.
Travis, Harold K., Alton, Ill. Automobile door handle safety device. 2,537,380, Jan. 9.
Travis, Ralph L., Spirit Lake, Iowa. Power mower. 2,553,731, May 22.
Travis, Russell R., Lomita, Calif. Deodorizer. 2,558,469, June 26.
Travis, Thomas M., assignee: *See*—
Travis, Bert.
Travis, Utterback, assignee: *See*—
Gradle, Jesse J., and Dayton.
Traxel, Leonard P., Chicago, Ill. Cooling system for liquid cooled internal-combustion engines. 2,547,422, Apr. 3.
Traxler, Eugene R., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Belt and splicing the same. 2,566,262, Aug. 28.
Tray-Hart, Inc., assignee: *See*—
Reinhart, Howard A.
Traylor Engineering and Manufacturing Company, assignee: *See*—
Patten, Charles H.
Walker, Robert S.
Traylor, Samuel W., Jr., Allentown, Pa. Gyratory crusher. 2,550,098, Apr. 24.
Traylor, Samuel W., Jr., Allentown, Pa. Self-aligning rotary kiln. 2,551,774, May 8.
Traylor, Samuel W., Jr., Allentown, Pa. Support for rotary kilns. 2,570,082, Oct. 2.
Trbojevich, Nikola, Cleveland, Ohio. Constant velocity universal joint. 2,578,763, Dec. 18.
Trbojevich, Nikola, Cleveland, Ohio. Constant velocity universal joint. 2,578,764, Dec. 18.
Trbojevich, Nikola, Detroit, Mich. Bearing. 2,565,284, Aug. 21.
Treace, Harry T., assignor to Orthopedic Frame Co., Kalamazoo, Mich. Surgical saw blade. 2,557,364, June 19.
Treadwell, Cyril G., London, England, assignor to International Standard Electric Corporation, New York, N. Y. Signaling over electric pulse communication system. 2,539,497, Jan. 30.
Treanor, Edward D., Pittsfield, Mass., assignor to General Electric Company. Magnetic core. 2,547,675, Apr. 3.
Treanor, Edward D., Pittsfield, Mass., assignor to General Electric Company. Magnetic core. 2,561,250, July 17.
Treat, Floyd C., Barrington, assignor to The Athletic Shoe Company, Chicago, Ill. Running shoe. 2,572,680, Oct. 23.
Treat, Glenn H., Toledo, Ohio, assignor to Owens-Corning Fiberglas Corporation. Construction of electric motors and generators. 2,548,133, Apr. 10.
Trebules, Victor, Cleveland, and A. Robertson, Jr., South Euclid, assignors to The Gabriel Company, Cleveland, Ohio. Antenna. 2,542,884, Feb. 20.
Treckman, Henry, Wabash, Ind., assignor to The General Tire and Rubber Company, Akron, Ohio. Device for stripping annular elastic rubber articles from a core. 2,547,894, Apr. 3.
Treese, Lee S., Dearborn, Mich., assignor to Tucker Corporation, Chicago, Ill. Automobile headlight switch mechanism. 2,536,828, Jan. 2.
Treese, Lee S., Dearborn, Mich., assignor to Tucker Corporation, Chicago, Ill. Adjustable speed indicator for motor vehicles. 2,538,218, Jan. 16.
Treff, Alfred: *See*—
Pearson, Paul E., and Treff.
Treg, Inc., assignee: *See*—
Gossner, Louis E. E.
Tregear, Tamino W., Seattle, Wash. Fulcrum type closure remover. 2,545,979, Mar. 20.
Treitel-Gratz Co., Inc., assignee: *See*—
Heaney, John.
Trelease, Frank J.: *See*—
Hammar, Gustaf W., Noddin, Rosen, and Trelease.
Trelease, Richard D., assignor to Swift & Company, Chicago, Ill. Defeathering and depilating compound. 2,565,332, Aug. 21.
Trelease, Richard D., assignor to Swift & Company, Chicago, Ill. Individual poultry feeding unit. 2,578,863, Dec. 18.
Tremblay, Albert F., assignor to Kent-Owens Machine Company, Toledo, Ohio. Glass blowing apparatus. 2,579,628, Dec. 25.
Tremblay, Bernard G.: *See*—
Grissinger, George G., and Tremblay.
Tremblay, Gerard, Montreal, Quebec, Canada. Drying apparatus. 2,547,238, Apr. 3.
Tre-Mend Novelty Corp., assignee: *See*—
Trevor, Rudolf, and Mende.
Tremont Tool & Gage Company, The, assignee: *See*—
Mayher, Ernest J.
Trendex Co., The, assignee: *See*—
Kirby, Joseph H.
Trenkle, Eugen F.: *See*—
Paül, Wilhelm H., and Trenkle.
Trenner, Nelson R.: *See*—
Buhs, Rudolf P., and Trenner.
Trenner, Nelson R., and F. A. Bacher, Westfield, assignors to Merck & Co., Inc., Rahway, N. J. Hydrogenation of tartaric acid esters to erythritol. 2,571,967, Oct. 16.
Trent, Horace M., Alexandria, Va. Time-delay relay system. 2,549,865, Apr. 24.
Trent, Horace M., Alexandria, Va. Submarine compressional wave receptive apparatus. 2,576,155, Nov. 27.
Trent, Walter R., North Arlington, assignor to Colgate-Palmolive-Peet Company, Jersey City, N. J. High molecular weight fatty acids. 2,567,409, Sept. 11.
Trenton Chemical Company, assignee: *See*—
Boeckeler, Benjamin C.
Kilander, Acton K.
Weber, Harry M.
Trepanier, Clifford L., Melrose Park, assignor to The Wap-O Company, Chicago, Ill. Ball and paddle device. 2,566,044, Aug. 28.
Trepanier, Ivan, Ansonia, Conn. Spring type clutch mechanism. 2,563,888, Aug. 14.
Treseder, Robert C., Dayton, Ohio. Engine synchronizer device. 2,543,077, Feb. 27.
Tresenberg, Paul, Douglaston, assignor to Consolidated Sewing Machine & Supply Co., Inc., New York, N. Y. Bracket for supporting motors. 2,563,292, Aug. 7.
Trethewey, Jack A.: *See*—
Raetsch, Bruno A., and Trethewey.
Treue, Robert C., Waynesville, N. C., assignor to The Dayton Rubber Company, Dayton, Ohio. Spinning cot. 2,569,546, Oct. 2.
Treue, Robert C., Dayton, Ohio, assignor to The Dayton Rubber Company. Textile fiber drafting element and making same. 2,576,980, Dec. 4.
Treuhaft, Milton A., Weehawken, and C. E. Swanson, Arlington, assignors to Hudson Electrochemical Co., Union City, N. J. Electropolishing. 2,549,946, Apr. 24.
Treuthart, Robert L., Garfield, Ark. Mechanical bubble blowing device. 2,579,714, Dec. 25.
Trevaskis, Henry, Solihull, Birmingham, assignor to Dunlop Rubber Company Limited, London, England. Electrically operated device for the control of fluid pressure servomotors. 2,566,708, Sept. 4.
Trevaskis, Henry W., Solihull, assignor to Dunlop Rubber Company Limited, London, England. Device for actuating brake cables or like members for transmitting motions. 2,555,207, May 29.
Trevaskis, Henry W., Solihull, assignor to Dunlop Rubber Company Limited, London, England. Fluid pressure control valve unit. 2,571,311, Oct. 16.
Trevaskis, Henry W., Solihull, assignor to Dunlop Rubber Company Limited, County of London, England. Swash plate pump. 2,571,312, Oct. 16.
Trevaskis, Henry W., Solihull, Birmingham, assignor to Dunlop Rubber Company Limited, London, England. Device for sealing the joint between the surfaces of two relatively rotatable members. 2,571,500, Oct. 16.
Trevaskis, Henry W., Solihull, assignor to Dunlop Rubber Company Limited, London County, England. Braking system for aircraft. 2,574,426, Nov. 6.
Trevena, Arthur, Birmingham, assignor to J. Brockhouse & Company Limited, West Bromwich, England. Diestock for use in threading tubes, bars, and like work. 2,556,015, June 5.
Treves, Gino R., assignor to Schieffelin & Co., New York, N. Y. Basic esters of 2-aryl-2-(1-hydroxycyclopentyl) ethanoic acid and acid addition salts of the same. 2,554,511, May 29.

Treves, Gino R., assignor to Schieffelin & Co., New York, N. Y. Basic esters of 2-aryl-2-(1-hydroxycyclohexyl) ethanoic acid and acid addition salts of the same. 2,558,020, June 26.

Trevitt, John H., assignor to Dictaphone Corporation, Bridgeport, Conn. Speed control system for capacitor motors. 2,576,084, Nov. 20.

Trevitt, John H., and J. E. Renholdt, Bridgeport, Conn., assignors to Dictaphone Corporation, New York, N. Y. Dictating machine. 2,548,831, Apr. 10.

Trevor, Bertram A., Riverhead, N. Y., assignor to Radio Corporation of America. Pulse multiplex system employing step-wave commutation. 2,543,736, Feb. 27.

Trevor, Bertram A., Riverhead, N. Y., assignor to Radio Corporation of America. High-fidelity pulse multiplex system. 2,546,935, Mar. 27.

Trevor, Rudolf, and L. Mende, assignors to Tre-Mend Novelty Corp., New York, N. Y. Musical holding device. 2,579,024, Dec. 18.

Trexler, Richard R., Evanston, Ill. Liquid dispensing apparatus. 2,542,219, Feb. 20.

Tribbey, Stanley E., Chicago, assignor to Caron Spinning Company, Rochelle, Ill. Apparatus for forming paper strips into continuous label forming bands for yarn and the like. 2,548,451, Apr. 10.

Tribelhorn, Emil, Aadorf, Switzerland. Tennis racket. 2,552,020, May 8.

Tricarico, Joseph R., assignor, by mesne assignments of forty-nine per cent to M. Campano, New York, N. Y. Ground engaging support. 2,554,887, May 29.

Tricebock, Donald J., Philadelphia, Pa., assignor to Radio Corporation of America. Metal detection apparatus. 2,550,736, May 1.

Tricebock, Donald J., Erlton, N. J., assignor to Radio Corporation of America. Protective circuit for metal detectors. 2,563,140, Aug. 7.

Trichel, Dick C.: *See*—
Trichel, Edith E. and D. C.

Trichel, Edith E. and D. C., Pineville, La. Specimen receptacle holder. 2,560,199, July 10.

Trickey, Clarence, Ville Lasalle, Quebec, Canada. Carrier for box cameras. 2,565,006, Aug. 21.

Trickey, Elwood B., Claymont, Del., assignor to United States Rubber Company, New York, N. Y. Isolation of hyodesoxycholic acid. 2,547,726, Apr. 3.

Trickey, Philip H., North Plainfield, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Wound rotor induction motor with automatic short-circuiters. 2,544,571, Mar. 6.

Tri-Clover Machine Co., assignee: *See*—
Hinrichs, Ferdinand.
Kessler, Joseph S.

Trico Products Corporation, assignee: *See*—
Bitzer, Martin.
Horton, Erwin C.
Horton, Erwin C., and Schaal.
Macpherson, Robert B.
Oishei, John R.
Rappl, Anton.
Rappl, Anton, and Bitzer.
Rappl, Anton and H.
Rappl, Anton, and Thomson.
Schaal, Earl V.
Scinta, Anthony C., and Rappl.
Shieberl, George.
Slovin, David G.

Tricraft Products Co., assignee: *See*—
Hills, Elmer G.

Trier, Carl L., assignor to Dixie Manufacturing Company, Baltimore, Md. Jacketed cooler and cooker. 2,557,622, June 19.

Trier, Raymond T.: *See*—
Clough, Charles A., Trier, and Murphy.

Trier, Raymond T., North Canton, P. C. Janson, Navarre, and R. D. Murphy, assignors to The Superior Switchboard & Devices Company, Canton, Ohio. Coin register parking meter. 2,551,914, May 8.

Trier, Raymond T., North Canton, Ohio, and M. H. Kaefer, Thomaston, Conn., assignors to The Superior Switchboard & Devices Company, Canton, Ohio. Flywheel governor for parking meters. 2,556,123, June 5.

Trigg, Hastings S., West Hempstead, N. Y., H. D. Norris, Woodbury, and R. V. White, Pitman, N. J., assignors to Socony-Vacuum Oil Company, Incorporated. Antirust agent. 2,540,800, Feb. 6.

Triggs, Kenneth F., assignor to The Majestic Company, Huntington, Ind. Downdraft incinerator. 2,538,811, Jan. 23.

Triggs, Ronald G., assignor to The Globe Company, Chicago, Ill. Measuring and filling machine. 2,577,933, Dec. 11.

Trill, Gordon, Market Rasen, England. Applicator with reservoir for liquids. 2,565,104, Aug. 21.

Trim Trends, Inc., assignee: *See*—
Judd, John S.

Triman, Eugene L., assignor, by mesne assignments, to Rock-Ola Manufacturing Corporation, Chicago, Ill. Remote control system. 2,557,581, June 19.

Trimarchi, Joseph, and L. Pezza, Bronx, N. Y. Adjustable blind and curtain support. 2,561,157, July 17.

Trimble, Cebern B., Dayton, Ohio. Remote-control system. 2,558,888, July 3.

Trimble, Ernest, Pittsburgh, Pa., and E. C. Trimble, Baltimore, Md. Knife using a detachable razor blade. 2,569,080, Sept. 25.

Trimble, Ernest C.: *See*—
Trimble, Ernest and E. C.

Trimble, Inc., assignee: *See*—
Palmquist, Marvin E., and Lundstrom.

Trimble, Roy L., and J. C. Hanna, assignors to Hanna Engineering Works, Chicago, Ill. Shock absorber piston assembly. 2,579,058, Dec. 18.

Trimedge, Incorporated, assignee: *See*—
Bonnell, William L.

Trimm, Lyle A., Philadelphia, Pa., and J. N. Cosby, Morris Township, Morris County, N. J., assignors to Allied Chemical & Dye Corporation, New York, N. Y. Catalytic conversion of cyclohexyl formate to cyclohexanone. 2,552,300, May 8.

Trimmer, George E., San Francisco, Calif. Dual tire gauge. 2,566,435, Sept. 4.

Trinkle, Dallas R., assignor to The Cincinnati Milling Machine Co., Cincinnati, Ohio. Reproducing machine. 2,559,097, July 3.

Triolo, Louis, Brooklyn, N. Y. Machine for assembling box blanks. 2,560,315, July 10.

Triolo, Peter T., Rockford, Ill., assignor to Sundstrand Machine Tool Co. Shoe construction for rubbing machines. 2,562,971, Aug. 7.

Tripi, Anthony, assignee: *See*—
Trippi, Joseph.

Triple A Products, assignee: *See*—
Gelman, Harry A. and M.

Triplett & Barton Inc., assignee: *See*—
Triplett, Tom A., and Greene.

Triplett Electrical Instrument Co., The, assignee: *See*—
Klay, George H.
Triplett, Ray L.

Triplett, George H., Houston, Tex. Spinal brace. 2,541,487, Feb. 13.

Triplett, Helen A., executrix, assignee: *See*—
Triplett, Louis B.

Triplett, J Karrol, Chicago, Ill. Sun dial device. 2,536,328, Jan. 2.

Triplett, Louis B., deceased, Pasadena; by H. A. Triplett, executrix, Coronado, assignor to H. A. Triplett, Santa Barbara, Calif. Foot treating device. 2,567,625, Sept. 11.

Triplett, Ray L., assignor to The Triplett Electrical Instrument Co., Bluffton, Ohio. Electrical instrument construction. 2,558,282, June 26.

Triplett, Tom A., Burbank, and C. K. Greene, North Hollywood, assignors to Triplett & Barton Inc., Burbank, Calif. Pneumatic die stamping machine. 2,546,114, Mar. 20.

Triplett, William F., Grand Junction, Colo. Railway journal box. 2,537,432. Jan. 9.

Tripp, Chester D., Chicago, Ill., assignor to Grip Nut Company, South Whitley, Ind. Machine for making lock nuts. 2,536,110, Jan. 2.

Tripp, Leonard W., South Ealing, London, assignor to Roadless Traction Limited, Hounslow, England. Endless track for vehicles. 2,561,678, July 24.

Trippi, Joseph Cleveland Heights, assignor of one-third to R. Manlet and one-third to A. Tripi, Cleveland, Ohio. Gun sight. 2,566,590, Sept. 4.

Trischka, John W., New York, and H. S. Sack, Ithaca, N. Y., assignors to the United States of America as represented by the Secretary of the Navy. Zero adjustment of computers. 2,569,135, Sept. 25.

Trishman, Harry A.: *See*—
Ward, John S., Johnson, Trishman, and Stratton.

Trissell, Robert F., San Francisco, Calif. Belt reeler and cutter. 2,569,589, Oct. 2.

Trist, Arthur R., Victoria, British Columbia, Canada. Antifriction ring element. 2,539,287, Jan. 23.

Trist, Arthur R., St. Catherines, Ontario, Canada. Bearing for rotating shafts. 2,566,002, Aug. 28.

Tri-State Engineering Company, assignee: *See*—
Arthur, Oscar F.
Coit, Burton C., Jr.

Tritle, John F., Erie, Pa., assignor to General Electric Company. Spring applied-electromagnetic brake operator. 2,558,594, June 26.

Tritle, John F., and G. Bellows, Jr., Erie, Pa., assignors to General Electric Company. Electromagnetic exciting coil. 2,542,733, Feb. 20.

Tritsmans, Remi G.: *See*—
Schouteden, Ferdinand L. M., and Tritsmans.

Triumph Dishwashers Limited, assignee: *See*—
Burt-Wells, Sidney G.

Trivelli, Adrian P. H., and W. F. Smith, assignors to Eastman Kodak Company, Rochester, N. Y. Complex compounds of the platinum group as photographic fog inhibitors. 2,566,245, Aug. 28.

Trivelli, Adrian P. H., and W. F. Smith, assignors to Eastman Kodak Company, Rochester, N. Y. Stabilizing photographic emulsions with chloropalladites and chloroplatinites. 2,566,263, Aug. 28.

Trobeck, Karl G.: *See*—
Heijmer, Gustaf B., Sandå, and Trobeck.

Trockle, Frank E.: *See*—
Cox, Alvon R., and Trockle.

Trod, Abraham, Peabody, Mass. Degrainer. 2,559,329, July 3.

Troden, Augustus C., Grosse Pointe, and N. Hall, Detroit, Mich., assignors, by mesne assignments, of one-half to said Troden and one-half to W. A. Paxton. Camp trailer structure. 2,549,266, Apr. 17.
Troedson, Waldemar H., assignor to Crane Co., Chicago, Ill. Gauge for measuring thread truncations. 2,556,564, June 12.
Troeger, Henry, Ramsey, assignor to Bendix Aviation Corporation, Teterboro, N. J. Quick detachable means. 2,553,220, May 15.
Troendlé, Jean A., Geneva, Switzerland. Take-off of aircraft. 2,577,385, Dec. 4.
Troendle, William C., assignor to Thayer, Inc., Gardner, Mass. Frame construction for folding carriages. 2,576,706, Nov. 27.
Troester, Arnold C., Midvale, Utah. Steering propeller and rudder mount for boats. 2,545,502, Mar. 20.
Trofimov, Lev A., Willoughby, Ohio. Variable-speed power transmission. 2,555,016, May 29.
Trofimov, Lev A., Willoughby, Ohio. Fluid type variable-speed power transmission. 2,576,156, Nov. 27.
Trojanowski, George: *See*—
Silberkraus, Sam, and Trojanowski.
Trojnar, Thaddeus J.: *See*—
Slifkin, Sam C., and Trojnar.
Troll Workshop, The, assignee: *See*—
Laufer, Thomas.
Troller, Theodor H., New Philadelphia, Ohio, assignor to Joy Manufacturing Company. Housing for fan and motor. 2,538,739, Jan. 16.
Trombe, Felix, assignor to Centre National de la Recherche Scientifique, Paris, France. Device for heating fluids by means of solar energy. 2,552,237, May 8.
Trombetta, Louis, New York, N. Y. Self-propelled carriage. 2,542,846, Feb. 20.
Trombley, William E., Cleveland, Ohio. Tent construction. 2,545,535, Mar. 20.
Tronnier, Albrecht W., Gottingen, assignor to Voigtlander and Sohn Aktiengesellschaft, Braunschweig, Germany. Four-lens photographic objective. 2,573,511, Oct. 30.
Tronnier, Albrecht W., Gottingen, assignor to Voigtlander & Sohn Aktiengesellschaft, Braunschweig, Germany. Four-lens triplet type photographic objective. 2,573,512, Oct. 30.
Tropical Concrete Products, Inc., assignee: *See*—
Dornbush, Edward.
Tropical Radio Telegraph Company, assignee: *See*—
Madsen, Carl J.
Trorey, Lyle G., Surrey, England. Photogrammetric apparatus. 2,537,718, Jan. 9.
Trosch, Alfred, Brigton, and W. J. F. Forward, assignors to Consolidated Machine Tool Corporation, Rochester, N. Y. Lathe. 2,546,913, Mar. 27.
Troshkin, Alexander N., Nutley, and I. D. Press, Union, assignors to Resistoflex Corporation, Belleville, N. J. Swivel coupling. 2,570,406, Oct. 9.
Trost, Conrad, Morrestown, N. J., assignor to The Micronizer Company, New York, N. Y. Anvil grinder. 2,562,753, July 31.
Trostel, Richard B., Biglerville, Pa. Orchard spraying apparatus. 2,556,831, June 12.
Troth, John S., Wayne, and S. Bright, Jr., Haverford, Pa., assignors, by mesne assignments, to Robert Gair Company, Inc., New York, N. Y. Cutting die. 2,552,353, May 8.
Trott, Barnet S., Kew Gardens, N. Y. Image distortion corrector for cathode-ray tubes. 2,541,446, Feb. 13.
Trott, Timothy, assignor to Control Instrument Company, Inc., New York, N. Y. Commutator. 2,574,360, Nov. 6.
Trotter, Claude H., and A. W. Sweeney, Phillips, Tex., assignors to Phillips Petroleum Company. Foamite fire-extinguishing system. 2,548,409, Apr. 10.
Troue, Albert: *See*—
Fawcett, Richard A., Troue.
Trought, Norman J., Kearny, N. J. Dry shaver. 2,580,138, Dec. 25.
Trouin, Joseph, Villeurbanne, France. Apparatus for protection against falls into space. 2,546,202, Mar. 27.
Troupa, Albert B., Princeton, Ill. Trip register. 2,574,513, Nov. 13.
Troupe, Donald F.: *See*—
Young, Cyril C., and Troupe.
Trousdale, Robert B., Rochester, N. Y., assignor to Stromberg-Carlson Company. Phase inversion circuits for cathode-ray tubes. 2,560,751, July 17.
Trousdale, Robert B., Rochester, N. Y., assignor to Stromberg-Carlson Company. Multiphase generator. 2,567,410, Sept. 11.
Trouslot, Dorothy, administratrix: *See*—
Trouslot, Rollin B., Jr.
Trouslot, Rollin B., Jr., deceased, Redwood City, Calif.; D. Trouslot, administratrix. Reclining lounge chair. 2,567,626, Sept. 11.
Trout, Allan E., Fresno, and V. P. Oneto, San Francisco, Calif. Vacuum packed container and dispensing means for the contents thereof. 2,574,720, Nov. 13.
Trout, Horace Q.: *See*—
McCann, Harold G., and Trout.
Troutman, Bobbie E., Paducah, Ky. Awning hoist. 2,572,077, Oct. 23.
Troutman, Harvey D.: *See*—
Long, Loren M., and Troutman.
Trowbridge, Dale G., Stamford, Conn. Tool for applying antiskid chains. 2,558,994, July 3.
Trowbridge, Dale G., Stamford, Conn. Bobber. 2,575,852, Nov. 20.
Trowbridge, Perrin G.: *See*—
Button, Leslie M., Trowbridge, and Schrink.
Trowbridge, William L., Newark, Ohio, assignor to Owens-Corning Fiberglas Corporation. Filters for removing dust from gas or air. 2,579,984, Dec. 25.
Troxel Manufacturing Company, The, assignee: *See*—
Kalter, Harold E.
Troxel, Robert D.: *See*—
Beamesderfer, Herman S., and Troxel.
Troy, Leonard S., Clarks Summit, Pa. Fuel economizer. 2,556,405, June 12.
Troyer, Abner J., Smithville, Ohio. Portable conveyer. 2,542,885, Feb. 20.
Troyer, Maurice E.: *See*—
Angell, George W., and Troyer.
Trözmüller, Friedrich J., assignor to "Semperit" Oesterreichisch-Amerikanische Gummiwerke Aktiengesellschaft, Vienna, Austria. Hydraulic press. 2,553,487, May 15.
Trözmüller, Friedrich J., Vienna, Austria, assignor to "Semperit" Oesterreichisch-Amerikanische Gummiwerke Aktiengesellschaft. Forming bodies of artificial resin and fibrous material. 2,558,632, June 26.
Trözmüller, Friedrich J., Vienna, Austria, assignor to "Semperit" Oesterreichisch-Amerikanische Gummiwerke Aktiengesellschaft. Press for working materials under predetermined temperature conditions. 2,562,399, July 31.
Trözmüller, Friedrich J., assignor to Semperit Oesterreichisch-Amerikanische Gummiwerke Aktiengesellschaft, Vienna, Austria. Conveyer belt printing machine with multiple impression. 2,574,941, Nov. 13.
Tru-Ade, Inc., assignee: *See*—
Ellison, Samuel H.
Trubenizing Process Corporation, assignee: *See*—
Loew, Theodore.
Truby, Harry A.: *See*—
Smith, John J., Duncan, and Truby.
Trucksess, David E., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Regulated current supply apparatus. 2,573,744, Nov. 6.
Trudel, B., & Cie Ltee., assignee: *See*—
Nault, Jean.
Trudel, Marcel, Montreal, Quebec, Canada. Raw fish treating process. 2,560,011, July 10.
True, Martin E., Houston, Tex., assignor, by mesne assignments, to Standard Oil Development Company, Elizabeth, N. J. Control for power-operated slips. 2,545,177, Mar. 13.
True, Martin E., Houston, Tex., assignor, by mesne assignments, to Standard Oil Development Company, Elizabeth, N. J. Apparatus for measuring and recording lengths. 2,553,613, May 22.
True, Martin E., Houston, Tex., assignor, by mesne assignments, to Standard Oil Development Company, Elizabeth, N. J. Dull bit indicator. 2,562,833, July 31.
Truelove, Albert E., Westfield, and P. W. MacCarthy, Springfield, Mass., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Mounting arrangement of refrigeration unit. 2,551,514, May 1.
Truelsen, James T.: *See*—
Miller, Joshua, and Truelsen.
Truesdell, John G., Colorado Springs, Colo. Sheathed knife. 2,559,689, July 10.
Truesdell, Robert S., assignor to D. Parsons and W. Hanson, Los Angeles, Calif. Baker's grease. 2,559,481, July 3.
True Temper Corporation, assignee: *See*—
Skeel, John W.
Truitt, Joseph A., West Chester, Pa., assignor to American Viscose Corporation, Wilmington, Del. Winding machine. 2,545,534, Mar. 20.
Truitt, Joseph A., West Chester, Pa., assignor to American Viscose Corporation, Wilmington, Del. Twisting and winding machine drive system. 2,575,476, Nov. 20.
Truitt, Vale, Wellesley, assignor to Dennison Manufacturing Company, Framingham, Mass. Button slot price ticket. 2,538,927, Jan. 23.
Truk-Step Company, Inc., assignee: *See*—
Crump, Woodford J.
Trull, Robert R.: *See*—
Klein, Walter A., Trull, and Dettmer.
Trumbo, James L.: *See*—
Collins, Charles P., Gacey, Marston, Morris, and Trumbo.
Trumbour, George P., assignor to MacGregor Instrument Company, Needham, Mass. Nebulizer or the like. 2,557,919, June 19.
Trumbour, George P., Needham, and H. I. Prater, Jr., Wellesley Hills, assignors to MacGregor Instrument Company, Needham, Mass. Inhaler. 2,579,280, Dec. 18.
Trumbull Electric Manufacturing Company, The, assignee: *See*—
Fick, Edward J.
Hammerly, Herman J.
Hammerly, Herman J., and Turton.
Ohlson, Reynold A.
Rowe, Raymond N.
Rowe, Raymond N., and Ericson.

Trumbull, Fred W., Los Altos, Calif. Accounting Sheet. 2,576,490, Nov. 27.
Trumbull, John, Chicago, Ill., assignor to Robert F. Trumbull & Company. Surge relief. 2,555,280, May 29.
Trumbull, Robert F., & Company, assignee: *See*—
Trumbull, John.
Trumfio, Harry A., Chicago, Ill. Combination carrying case and stand for portable machines. 2,575,537, Nov. 20.
Trump, Arthur L., assignor, by mesne assignments, to Saunders Valve Company Limited, Cwmbran, England. Fluid control valve. 2,579,982, Dec. 25.
Trumpler, Paul R., Ridgewood, assignor to The M. W. Kellogg Company, Jersey City, N. J. Heat exchange element. 2,571,631, Oct. 16.
Trumpler, William E., assignor to Clark Bros. Co., Inc., Olean, N. Y. Gas seal for rotating shafts. 2,543,615, Feb. 27.
Trunkhill, Earl G., Hettinger, N. Dak. Portable dispensing reel for rolled wire. 2,562,650, July 31.
Truog, C. H., assignee: *See*—
Williams, Harry S.
Truptac, George, assignee: *See*—
Bayto, Andrew J.
Truscott, John P., assignor to Wingfoot Corporation, Akron, Ohio. Molding apparatus and removing creep from rubber. 2,549,144, Apr. 17.
Truslow, Grover C. and W. M., Leaksville, N. C. Blending machine. 2,565,637, Aug. 28.
Truslow, Grover C., Charlotte, and J. T. MacIsaac, Jr., Spray, N. C., assignors to Marshall Field and Company, Chicago, Ill. Apparatus for folding cloth in predetermined lengths. 2,572,289, Oct. 23.
Truslow, William M.: *See*—
Truslow, Grover C. and W. M.
Trussell, Clarence D., Turnwood, N. Y. Sander. 2,555,946, June 5.
Trussell, Clarence D., Turnwood, N. Y. Binder ring closing mechanism. 2,555,947, June 5.
Trussell, Clarence D., Turnwood, N. Y. Sectional binder. 2,557,521, June 19.
Trussell, Clarence D., Turnwood, N. Y. Mechanical binding. 2,572,681, Oct. 23.
Trussell, Paul C., St. Laurent, Quebec, Canada, assignor, by mesne assignments, to Ayerst, McKenna & Harrison Limited, New York, N. Y. Production of streptomycin. 2,541,726, Feb. 13.
Truvox Engineering Company Limited, assignee: *See*—
Salwin, John M.
Ward, Leslie R.
Truxell, Clyde W., Jr., Grand Rapids, assignor to General Motors Corporation, Detroit, Mich. Self-contained hydraulic tappet. 2,547,798, Apr. 3.
Truxell, Clyde W., Jr., Grand Rapids, assignor to General Motors Corporation, Detroit, Mich. Fuel injection pump. 2,571,501, Oct. 16.
Tryon, Martin A.: *See*—
Eberhardt, Frank J., and Tryon.
Tryon, Sager: *See*—
Puchir, Michael, and Tryon.
Tschache, Junior W., assignee: *See*—
Browning, Roe V.
Tschache, Ottley R., assignee: *See*—
Browning, Roe V.
Tschirf, Hubert W., New York, N. Y., assignor of one-half to F. A. Newton, Bergenfield, N. J. Watch holding device for belts. 2,551,515, May 1.
Tsuchiya, Henry M.: *See*—
Hall, Harlow H., and Tsuchiya.
Tubacki, Anthony F., Detroit, Mich. Combination desk. 2,577,934, Dec. 11.
Tubbs, Eugene W., assignee: *See*—
Dalton, Herman L.
Tubbs, Lester G., Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Torsion meter system. 2,579,629, Dec. 25.
Tubbs, Orville M., assignor to Inland Wire Products Company, Chicago, Ill. Adjustable wire stitcher mechanism. 2,539,599, Jan. 30.
Tubbs, Orville M., assignor to Inland Wire Products Company, Chicago, Ill. Staple stitching machine. 2,569,355, Sept. 25.
Tube Craft, Inc., assignee: *See*—
Held, John W.
Tube Reducing Corporation, assignee: *See*—
Coe, George B.
Tube Turns, Inc., assignee: *See*—
Markl, Arthur R. C.
Vissat, Peter L.
Tubing Appliance Company, Inc., assignee: *See*—
Fish, Herbert L.
Tubular Rivet and Stud Company, assignee: *See*—
Doyle, Thomas J.
Tuccori, Charles D., Chicago, Ill. Can opener. 2,551,183, May 1.
Tuck, James A., New York, N. Y. Electrically actuated slide projector with remote control. 2,579,281, Dec. 18.
Tuck, Joseph H.: *See*—
Cook, Wilfred J., and Tuck.

Tuck, Ralph, Oakland, T. E. Hughes, Berkeley, and A. U. Rigby, San Leandro, Calif. Overloading stabilizer. 2,553,689, May 22.
Tucker, Charles M., Phillips, Tex., assignor to Phillips Petroleum Company. Incremental addition of alkaline material in emulsion polymerization. 2,546,244, Mar. 27.
Tucker, Clarence R., assignee: *See*—
Sands, Charles L.
Tucker Corporation, assignee: *See*—
Lyman, Kenneth E.
Scheuerman, Carl H., Jr.
Tellock, Harold C.
Treese, Lee S.
Tucker, Preston T.
Tucker, David G.: *See*—
Taylor, Frederick J. D., and Tucker.
Tucker, Edwin W., assignor to Muirhead & Company Limited, Beckenham, England. Electrolytic cell. 2,553,068, May 15.
Tucker, Emmitt M., assignor to Tucker and Sons, Grass Valley, Calif. Snow tractor. 2,561,716, July 24.
Tucker, Herbert E.: *See*—
Hall, Joseph M., and Tucker.
Tucker, Jack E., Fort Worth, Tex. Mop construction. 2,538,542, Jan. 16.
Tucker, Jesse L., North Plainfield, N. J., assignor to Johns-Manville Corporation, New York, N. Y. Insulating fabric. 2,561,891, July 24.
Tucker, Louis, and H. Hill, Stanford, Ky. Tie plate for railroad tracks. 2,556,350, June 12.
Tucker, Norman A., assignor to Johnson, Matthey & Company Limited, London, England. Welding of metallic tips to metallic bases. 2,571,313, Oct. 16.
Tucker, Preston T., Ypsilanti, Mich., assignor to Tucker Corporation, Chicago, Ill. Combination internal-combustion engine and accessory. 2,568,473, Sept. 18.
Tucker, Robert, Rocky River, Ohio. Electric make-and-break device. 2,542,734, Feb. 20.
Tucker and Sons, assignee: *See*—
Tucker, Emmitt M.
Tucker, Spencer A., New York, and A. W. Gellert, Rego Park, N. Y. Electronically timed relay. 2,541,560, Feb. 13.
Tucker, Warren: *See*—
Klum, Blaine, and Tucker.
Tucker, Warren, III, assignee: *See*—
Klum, Blaine, and Tucker.
Tucker, Warren R., assignor, by mesne assignments, to The Commonwealth Engineering Company of Ohio, Dayton, Ohio. Filter. 2,560,142, July 10.
Tucker, Warren R., Dayton, Ohio, assignor to H-P-M Development Corporation, Wilmington, Del. Hydraulic press circuit having intensifier utilized to decrease pressure and increase volume or vice versa. 2,568,262, Sept. 18.
Tucker, Warren R., Mount Gilead, Ohio. Draftsman's equal spacing ruling instrument. 2,563,199, Aug. 7.
Tucker, Warren R., Dayton, Ohio, and H. F. MacMillin, Cambridge, Mass., assignors to H-P-M Development Corporation, Wilmington, Del. Main cylinder release and pump bypass valve. 2,545,246, Mar. 13.
Tucker, Wesley L., Shandon, Calif. Float valve. 2,500,313, Apr. 24.
Tucker, William, Newark, N. J., assignor to the United States of America as represented by the Secretary of War. Radio object detection alarm. 2,545,503, Mar. 20.
Tucker, Woodrow G., Stanfield, Oreg. Automatic or manually actuated hydraulic jack. 2,546,203, Mar. 27.
Tuckey, Charles L., Cass City, Mich. Door opener. 2,567,684, Sept. 11.
Tuepker, Oscar W., Hubbell, Nebr. Insulator and support for electrically charged fence wires. 2,537,719, Jan. 9.
Tuepker, Oscar W., Hubbell, Nebr. Interrupted thread type slidable jaw wrench. 2,538,176, Jan. 16.
Tuer, George L., Jr.: *See*—
Hancox, Robert R., Tuer, and Stutzman.
Tuft, Miles H., Huntington Park, Calif., assignor to Deere Manufacturing Co. Baling press with extensible and resilient needle driving means. 2,575,538, Nov. 20.
Tuft, Miles H., San Gabriel, Calif., and J. R. West, Ottumwa, Iowa, assignors to Deere Manufacturing Co. Tripping mechanism for baling presses and the like. 2,546,324, Mar. 27.
Tukey, John W.: *See*—
Pierce, John R., Shannon, and Tukey.
Tulagin, Vsevolod: *See*—
Schmidt, Willy A., and Tulagin.
Tulagin, Vsevolod, Phillipsburg, N. J., assignor to General Aniline & Film Corporation, New York, N. Y. Urethanes of aromatic J acids. 2,542,596, Feb. 20.
Tulagin, Vsevolod, Phillipsburg, N. J., and W. A. Schmidt, Easton, Pa., assignors to General Aniline & Film Corporation, New York, N. Y. Urethanes of 2-naphthyl J acid and their brominated derivatives. 2,542,597, Feb. 20.
Tulagin, Vsevolod, Phillipsburg, N. J., and W. A. Schmidt, Easton, Pa., assignors to General Aniline & Film Corporation, New York, N. Y. 2-napthyl J-acid and its preparation. 2,573,513, Oct. 30.
Tullar, Benjamin F.: *See*—
Servis, Richard J., Carroll, and Tullar.

Tullar, Benjamin F., East Greenbush, assignor to Sterling Drug Inc., New York, N. Y. Hemi-diethylene glycol adduct of 3,12-dihydroxy-7-ketocholanic acid and preparation thereof. 2,549,947, Apr. 24.
Tullar, Benjamin F., East Greenbush, and J. O. Hoppe, Albany, assignors to Sterling Drug Inc., New York, N. Y. Separation of the optical isomers of certain X-ray contrast agents. 2,552,696, May 15.
Tulley, Frederick T., Columbus, Ohio, assignor to Curtiss-Wright Corporation. Mass load applying means for airfoils. 2,556,351, June 12.
Tullis, John, Vancouver, British Columbia, Canada. Bag stool combination. 2,558,995, July 3.
Tullock, Charles W., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Formic acid solutions of synthetic linear polyamides from alpha-amino acids. 2,540,855, Feb. 6.
Tully, Charles F., San Diego, Calif. Condyle position indicating apparatus. 2,574,427, Nov. 6.
Tumminello, Sam, St. Louis, Mo. Plumb point locator. 2,545,321, Mar. 13.
Tumulo, Gerald, Bryn Mawr, assignor to Radio Receptor Co. Inc., New York, N. Y. Producing rectifier elements. 2,543,678, Feb. 27.
Tung-Sol Lamp Works, Inc., assignee: *See*—
Bakanau, Frank E.
Braunsdorff, Reginald K.
Tunkl, Julius, assignee: *See*—
Hills, Elmer G.
Tunley, Allan A., assignor to Baker Perkins Limited, Peterborough, England. Depositor for chocolate and the like. 2,555,067, May 29.
Tunnicliff, Eustace: *See*—
Richardson, Arthur B. F. G., Tunnicliff, and Fisher.
Taylor, Jack, Osborne, and Tunnicliff.
Tun-Sol Lamp Works Inc., assignee: *See*—
Sitzer, Philip, and Welsh.
Tuomy, Justin M., Madison, Wis., and R. L. Slotter, Minneapolis, Minn., assignors to the United States of America as represented by the Secretary of Agriculture. Drying wet wheat gluten. 2,567,980, Sept. 18.
Tuot, Raymond A., assignor of one-half to Societe Auxiliaire d' Etudes Electrotechniques, Paris, France and one-half to Societe Suisse d'Electricite et de Traction, Basel, Switzerland. Railroad signaling device. 2,571,499, Oct. 16.
Tupper, Earl S., Upton, Mass. Seal for flexible containers. 2,578,864, Dec. 18.
Tupper, Earl S., Upton, Mass. Atomizer case. 2,578,907, Dec. 18.
Tupy, Stephen P., Bridgeport, Conn. Four-in-hand tie holder. 2,545,322, Mar. 13.
Turbo Engineering Corporation, assignee: *See*—
Birmann, Rudolph.
Turchan, Manuel, Dearborn, and C. Walker, Detroit, Mich. Hydraulic duplicating shaping and turning attachment for lathes. 2,538,604, Jan. 16.
Turck, Joseph A. V., Wilmette, assignor to Felt & Tarrant Manufacturing Company, Chicago, Ill. Key-driven calculating machine. 2,547,063, Apr. 3.
Turco Products, Inc., assignee: *See*—
Baum, Nathaniel L., and Wynkoop.
Perry, Frank R.
Turechek, George F., assignor to Lane-Wells Company, Los Angeles, Calif. Bridging plug. 2,546,377, Mar. 27.
Turek, Ladd J., Inglewood, Calif. Heat dissipating handle insulator. 2,540,306, Feb. 6.
Turenne, Wilfred J., Fayville, Mass. Conductor and compressible insert connector means therefor. 2,549,647, Apr. 17.
Turinsky, Otto, Palatine, assignor to Armour and Company, Chicago, Ill. Preparation of N,N′ diacyldiaminoalkanes. 2,554,846, May 29.
Turkish, Michael C., Detroit, Mich., assignor to Eaton Manufacturing Company, Cleveland, Ohio. Self-locking screw. 2,542,377, Feb. 20.
Turman, Alfred: *See*—
Weissberg, Melvin.
Turnage, L. M., assignee: *See*—
Rutledge, Allan.
Turnbull, David C., assignor to American Wheelabrator & Equipment Corporation, Mishawaka, Ind. Continuous tumbling mill. 2,563,084, Aug. 7.
Turnbull, Frederick M., assignee: *See*—
Brown, Frank E.
Hamilton, William F. and G.
TurnBull, George W., assignor to Michigan Bookbinding Company, Detroit, Mich. Easel. 2,547,182, Apr. 3.
Turnbull, Glen O., Rock Island, Ill., assignor to International Harvester Company. Variable-speed pulley and V-belt transmission. 2,573,937, Nov. 6.
Turnbull, Norris, Grand Island, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Granular polyvinyl resins. 2,550,503, Apr. 24.
Turnbull, Sidney G.: *See*—
Bamber, George E., and Turnbull.
Turnbull, William J., Towson, assignor to The Glenn L. Martin Company, Middle River, Md. Loading and unloading platform. 2,542,847, Feb. 20.
Turner, Albert F., Altoona, Pa. Economy hog feeder. 2,536,787, Jan. 2.
Turner, Blaine, assignor of fifty-nine and one-sixth per cent to V. T. Wiglesworth, five per cent to P. A. Wicke, and two and three-sixths per cent to E. Davis, Portland, Oreg. Automatic emergency radio control. 2,538,135, Jan. 16.
Turner, Carl M., Lima, Ohio. Mail deposit carrier actuated signaling flag. 2,551,915, May 8.
Turner, Charles L.: *See*—
Mendel, Leo E., Port, and Turner.
Port, Frederick J., Hall, and Turner.
Turner, Charles R., Enfield, Springfield Township, Montgomery County, assignor to Proctor Electric Company, Philadelphia, Pa. Toaster. 2,557,706, June 19.
Turner, Charles R., Enfield, Springfield Township, Montgomery County, assignor to Proctor Electric Company, Philadelphia, Pa. Pressure cooker. 2,570,993, Oct. 9.
Turner, Charles W., Columbia, assignor to American Dairies Incorporated, Kansas City, Mo., and The Quaker Oats Company, Chicago, Ill. Feed for ruminant animals. 2,560,830, July 17.
Turner, Charles W., Columbia, Mo., and E. P. Reineke, East Lansing, Mich., assignors to American Dairies Incorporated, Kansas City, Mo., and The Quaker Oats Company, Chicago, Ill. Producing synthetic thyroprotein. Re. 23,429, Nov. 13.
Turner, Charles W., and E. P. Reineke, Columbia, assignors to American Dairies Incorporated, Kansas City, Mo., and The Quaker Oats Company, Chicago, Ill. Composition for altering physiological processes of livestock and poultry and using same. 2,541,447, Feb. 13.
Turner, Charline E., assignee: *See*—
Turner, Edward T.
Turner, Clarence M., Richmond, Calif., assignor to the United States of America as represented by the United States Atomic Energy Commission. Electrostatic generator. 2,578,908, Dec. 18.
Turner, Clarence M., Stony Brook, N. Y., assignor to the United States of America as represented by the United States Atomic Energy Commission. Corona triode voltage regulator. 2,548,452, Apr. 10.
Turner, D. C., Inc., assignee: *See*—
Turner, Donald C., and E. F. and A. R. Thomas.
Turner, Delber W., Houston, Tex., assignor to Petrolite Corporation, Ltd., Wilmington, Del. Fluid distributor. 2,543,996, Mar. 6.
Turner, Delber W., Houston, Tex., assignor to Petrolite Corporation, Ltd., Wilmington, Del. Remotely adjustable valve stem. 2,557,847, June 19.
Turner, Donald C.: *See*—
Romig, Frank V., and Turner.
Turner, Donald C., Brighton, and E. F. and A. R. Thomas, assignors to D. C. Turner, Inc., Rochester, N. Y. Folding bellows for photographic devices. 2,578,111, Dec. 11.
Turner, Edgar P., Fanwood, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Precession rate control for automatic pilots. 2,555,165, May 29.
Turner, Edgar P., Fanwood, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Altitude control system for automatic pilots. 2,567,831, Sept. 11.
Turner, Edgar P., Fanwood, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Glider for hand vacuum cleaners. 2,574,442, Nov. 6.
Turner, Edward A., North Canton, assignor to Diebold, Incorporated, Canton, Ohio. Hollow metal door construction. 2,567,357, Sept. 11.
Turner, Edward T., deceased, Dayton, Ohio; E. T. Turner, Jr., administrator, assignor to C. E. Turner. Self-propelled vehicle. 2,553,952, May 22.
Turner, Edward T., deceased, Dayton, Ohio; E. T. Turner, Jr., administrator, assignor to C. E. Turner. Aircraft propeller rotatable about the external periphery of the aircraft body. 2,558,501, June 26.
Turner, Edward T., Jr., administrator: *See*—
Turner, Edward T.
Turner, Edwin A., Scarsdale, N. Y., assignor to The Standard Stoker Company, Incorporated. Locomotive stoker. 2,548,134, Apr. 10.
Turner, Edwin E., Jr., West Roxbury, Mass., assignor, by mesne assignments, to Raytheon Manufacturing Company. Electric impulse handling system. 2,559,905, July 10.
Turner, Eva M.: *See*—
Turner, Harold B., and E. M.
Turner, Francis L. A., Montreal, assignor, by mesne assignments, to Patrick Harrison & Company Limited, Noranda, Quebec, Canada. Curve describing instrument. 2,540,848, Feb. 6.
Turner, George L.: *See*—
Backofen, Ryan, and Turner.
Turner, Gordon J., assignee: *See*—
Riddell, Leo H.
Turner, Guy M., assignee: *See*—
Merry, Edward C.
Turner, Harold B., and E. M., Cambridge, Ohio. Window canopy. 2,564,865, Aug. 21.
Turner, Harold F., New York, N. Y. Traction tire. 2,554,392, May 22.
Turner, Harold H., Rockford, assignor to Borg-Warner Corporation, Chicago, Ill. One-way clutch. 2,570,290, Oct. 9.
Turner, Harry A., Ferriday, La. Cross-row blocker and chopper. 2,551,475, May 1.

Turner, Hiliary H., Berkeley, Calif. Fingernail guard. 2,546,619, Mar. 27.
Turner, James H., Detroit, Mich. Supporting frame for truck body covers. 2,565,746, Aug. 28.
Turner, James R.: *See*—
Hannibal, Lester S., and Turner.
Turner, John, Boston, Mass. Broken strand indicator. 2,579,407, Dec. 18.
Turner, John L.: *See*—
Pollock, John A., and Turner.
Turner, John R.: *See*—
Reynolds, Warren S., Bange, and Turner.
Reynolds, Warren S., and Turner.
Yost, Kenneth J., Reynolds, and Turner.
Turner, John R., Stratford, assignor to Remington Arms Company, Inc., Bridgeport, Conn. Ammunition lubrication. 2,547,548, Apr. 3.
Turner, John R., and R. Kingslake, assignors to Eastman Kodak Company, Rochester, N. Y. Profile projector and optical comparator. 2,552,238, May 8.
Turner, John R., and G. H. Bullock, assignors to Eastman Kodak Company, Rochester, N. Y. Tool feeding mechanism for lens generators. 2,571,793, Oct. 16.
Turner Jones Company, Inc., assignee: *See*—
Phelps, Isabelle R.
Turner, Julius E., assignor of one-half to R. S. Turner, Oklahoma City, Okla. Folding wall seat. 2,574,302, Nov. 6.
Turner, Luther B., Roselle Park, and W. C. Smith, Westfield, N. J., assignors to Standard Oil Development Company. Activators for quinone dioxime cures. 2,548,505, Apr. 10.
Turner, Morris, New York, N. Y. Crotch protector for trousers. 2,544,403, Mar. 6.
Turner of Indiana, assignee: *See*—
Haines, George H.
Turner, Ralph B., and H. W. Christgau, Grand Meadow, Minn. Power-driven unloading apparatus for trucks or the like. 2,537,381, Jan. 9.
Turner, Ransom H., Great Neck, N. Y., assignor to Mergenthaler Linotype Company. Typographical slug casting machine. 2,542,599, Feb. 20.
Turner, Richard G., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Bobbin receiver for weft replenishing looms. 2,542,598, Feb. 20.
Turner, Richard G., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Pneumatic thread remover for looms. 2,543,513, Feb. 27.
Turner, Richard G., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Balanced weft tension for loom shuttles. 2,545,934, Mar. 20.
Turner, Richard G., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Bobbin for weft detecting systems. 2,548,453, Apr. 10.
Turner, Richard G., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Weft bobbin and making the same. 2,548,454, Apr. 10.
Turner, Richard G., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Weft tension control for loom shuttles. 2,553,221, May 15.
Turner, Richard G., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Pneumatic thread remover for looms. 2,556,714, June 12.
Turner, Richard G., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Thread control for weft replenishing looms. 2,569,547, Oct. 2.
Turner, Richard G., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Control means for weft ends in looms. 2,569,907, Oct. 2.
Turner, Richard G., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Pneumatic thread holder for weft replenishing loom. 2,575,853, Nov. 20.
Turner, Robert E.: *See*—
Todd, Bryan J., and Turner.
Turner, Robert N., Ferndale, Mich. Protective plug gauge holder. 2,536,969, Jan. 2.
Turner, Robert S., assignee: *See*—
Turner, Julius E.
Turner, Russell J., Butler, Pa. Tilting breech bolt lock actuating mechanism. 2,539,644, Jan. 30.
Turner & Seymour Mfg. Co., The, assignee: *See*—
Dayton, James A., and Staire.
Turner, Stanley: *See*—
Metheny, Clyde E., Alexander, and Turner.
Turner, Walter R., assignee: *See*—
Grinham, Edward G., and Turner.
Turner, William C., Rahway, N. J., assignor, by mesne assignments, to National Pneumatic Co., Inc., Boston, Mass. Door operation and control. 2,578,909, Dec. 18.
Turner, William F.: *See*—
Patterson, Donald G., and Turner.
Turner, William W., Drexel Hill, Pa., assignor to General Electric Company. Connecting switch device. 2,571,794, Oct. 16.
Turner, William W., Drexel Hill, Pa., assignor to General Electric Company. Reversible electric switch. 2,573,514, Oct. 30.
Turner, Wylie E., Jr., assignee: *See*—
Weigandt, Carl F.
Turners Asbestos Cement Company Limited, assignee: *See*—
Nash, Frank L.
Rooksby, William H.
Turnham, Fitzhugh H.: *See*—
Gilliland, William H., and Turnham.
Turnham, Fitzhugh H., and E. W. Garrison, Jr., assignors to USCO Power and Equipment Corp., Birmingham, Ala. Electric low and high-voltage fuses. Re. 23,400, Aug. 14.
Turpin, Alexander J., Stewart Manor, and M. J. Parker, New York, assignors to Hauck Manufacturing Company, Brooklyn, N. Y. Fluid fuel burner ignition system. 2,562,834, July 31.
Turpin, Alexander J., Stewart Manor, assignor to Hauck Manufacturing Company, Brooklyn, N. Y. Gas flame retention elbow burner nozzle. 2,569,356, Sept. 25.
Turpin, Huston E., Johnson, Kans. Fastening device for securing mirrors in luggage. 2,555,717, June 5.
Turrall, George, and C. H. Skinner, London, England, assignors to R. Hoe & Co., Inc., New York, N. Y. Machine for separating and feeding counted batches of articles. 2,563,492, Aug. 7.
Turret Meter Sales Company, assignee: *See*—
Lawson, Lionel F., and Twarowski.
Turrettini, Fernand, Bellevue-Geneva, assignor to Societe Genevoise d'Instruments de Physique, Geneva, Switzerland. Device for the measurement of lengths. 2,536,706, Jan. 2.
Turrettini, Fernand, assignor to Societe Genevoise D'Instruments de Physique, Geneva, Switzerland. Device for clamping tools. 2,557,582, June 19.
Turrettini, Fernand, Bellevue-Geneva, assignor to Societe Genevoise D'Instruments De Physique, Geneva, Switzerland. Screw and nut gearing. 2,564,180, Aug. 14.
Turro, John, Atlanta, Ga. Dental bridge. 2,557,899, June 19.
Turshin, Joseph, Bronx, N. Y. Hat and hat frame and making same. 2,556,016, June 5.
Tursky, Charles M., Englewood, N. J. Lipstick holder. 2,552,697, May 15.
Tursky, Charles M., Englewood, N. J. Cosmetic pencil holder. 2,559,906, July 10.
Turton, Cecil B.: *See*—
Hammerly, Herman J., and Turton.
Turton, Cecil B., Plainville, Conn., assignor, by mesne assignments, to General Electric Company. Attachment for the ends of electric bus bar ducts. 2,572,218, Oct. 23.
Tusson, John R., Hammond, Ind., assignor to Standard Oil Company, Chicago, Ill. Catalytic contacting apparatus. 2,550,948, May 1.
Tuthill, Roger W., West Springfield, Mass., assignor to General Electric Company. Electrode holder for gas blanketed electric arc weldings. 2,555,017, May 29.
Tütsch, Henry, Zurich, assignor to "Omo" Aktiengesellschaft, Zollikon-Zurich, Switzerland. Arrangement for drawing sand and sand mixtures from a container. 2,543,344, Feb. 27.
Tuttle, Charles D., Trenton, assignor to General Motors Corporation, Detroit, Mich. Cleaning process especially adapted to remove buffing dirt and/or drawing compounds from metal preparatory to plating operations. 2,561,158, July 17.
Tuttle, Clifton M.: *See*—
Wampole, Oliver J., Brown, and Tuttle.
Tuttle, Clifton M., and F. M. Brown, assignors to Eastman Kodak Company, Rochester, N. Y. Making color prints. 2,566,264, Aug. 28.
Tuttle, Edward S., South Bend, assignor to Harvell Manufacturing Corporation, La Porte, Ind. Paper dispenser. 2,550,209, Apr. 24.
Tuttle, Elmer J., Osceola, Ind. Work feeding device. 2,558,633, June 26.
Tuttle, Fordyce E., assignor to Eastman Kodak Company, Rochester, N. Y. Making fine line screens. 2,566,265, Aug. 28.
Tuttle, Fordyce E., and W. Bornemann, assignors to Eastman Kodak Company, Rochester, N. Y. High-speed camera. 2,578,327, Dec. 11.
Tuttle, Francis J.: *See*—
Gessler, Albert E., Grupe, Rolle, and Tuttle.
Tuttle, George A., Anatone, Wash. Power-driven pruning saw. 2,555,428, June 5.
Tuttle, Orvil S.: *See*—
Dunne, James J., and Tuttle.
Tuttle, Orville F.: *See*—
Friedman, Isidore I., and Tuttle.
Tuttle, Therman G., Sr., Portales, N. Mex. Seeder attachment for tractors. 2,554,074, May 22.
Tuttle, Wainwright, Devon, Conn. Gas pressure reducer and regulator. 2,563,889, Aug. 14.
Tuttle, Wainwright, Milford, and T. A. C. Both, Stratford, Conn. Shielded operator assembly for valved nozzles. 2,577,245, Dec. 4.
Tuttle, William P.: *See*—
Bainbridge, Marvin, Tuttle, Baldwin, and Sheffield.
Tutwiler, Thomas S., Elizabeth, J. C. Munday, Cranford, and D. T. Rogers, Summit, N. J., assignors to Standard Oil Development Company. Mineral oil containing copolymers of alpha-beta unsaturated dicarboxy esters with alpha-beta unsaturated monocarboxy acids. 2,580,033, Dec. 25.
Tuve, Richard L., Silver Spring, Md., H. B. Peterson, Washington, D. C., and R. S. Ericson, Detroit, Mich. Foam fire fighting method. 2,556,239, June 12.

Tuwiner, Sidney B., Baldwin, assignor to Phelps Dodge Corporation, New York, N. Y. Purification and recovery of crystals of metal salts. 2,557,326, June 19.
Tveter, Einar, Chicago, Ill. Combination hunting and fishing boat. 2,562,372, July 31.
Tvrzicky, Francis, Chicago, Ill. Micrometer caliper. 2,566,685, Sept. 4.
Twachtman, Eric, assignor to F. E. Twachtman, Cincinnati, Ohio. Anticircumcision ring. 2,538,136, Jan. 16.
Twachtman, Frances E., assignee: *See*—
Twachtman, Eric.
Twaddell, Russell W.: *See*—
Linkroum, Irving E., and Twaddell.
Twardowski, John J., Greenvale, N. Y. Micrometer measuring and scribing tool. 2,578,615, Dec. 11.
Twarowski, Eugene H.: *See*—
Lawson, Lionel F., and Twarowski.
Tweddell, John A.: *See*—
Armstrong, Norman F., and Tweddell.
Tweedale, Ralph L.: *See*—
Herman, Kenneth R., and Tweedale.
Tweedy, John N., Worden, Ill. Hitch. 2,548,637, Apr. 10.
Twelves, Elmer M.: *See*—
Labrozzi, Anthony F., and Twelves.
Twente, Herbert H., assignee: *See*—
Gearhart, Roy E.
Twentieth Century-Fox Film Corporation, assignee: *See*—
Corcoran, James P., and Stack.
Weisheit, William F.
Twentieth Century Inventions Limited, assignee: *See*—
Flanagan, John.
Twin Disc Clutch Company, assignee: *See*—
Black, James B.
Vanderzee, Harry H.
Wolf, Lloyd J.
Twisdale, Parthenia L., Devon, Pa. Lipstick container closure and lipstick applicator. 2,580,139, Dec. 25.
Twsit, Basil R., assignee: *See*—
Heckathorn, Loyd, and Rapp.
Twitty, Frank L., Bronxville, N. Y. Combination comb and brush. 2,569,908, Oct. 2.
Twyman, L. Raymond, Bloomfield Township, Oakland County, Mich. Valve for power transmissions. 2,541,951, Feb. 13.
Twyner, Lyle W., Davenport, Iowa. Venetian blind operating mechanism. 2,540,384, Feb. 6.
Tydon, Walter, Granville, Ohio, assignor to Curtiss-Wright Corporation. Combined landing gear door and fluid foil. 2,548,832, Apr. 10.
Tyerman, William, Norton-on-Tees, England, assignor to Imperial Chemical Industries Limited. Separation of methyl amines. 2,547,064, Apr. 3.
Tyerman, William, Norton-on-Tees, England, assignor to Imperial Chemical Industries Limited. Extractive distillation of methylamines. 2,570,291, Oct. 9.
Tykulsky, Alexander, Long Branch, N. J. Electric wave generator. 2,565,535, Aug. 28
Tykulsky, Alexander, West End, N. J., assignor to the United States of America as represented by the Secretary of the Army. Wave signaling system. 2,576,157, Nov. 27.
Tyler, Arthur W., Rochester, N. Y., and R. D. O'Neal, Ann Arbor, Mich., assignors to Eastman Kodak Company, Rochester, N. Y. Reader for translating digital data recorded on film into electric pulses suitable for input to a computer. 2,575,034, Nov. 13.
Tyler, Charles, Long Beach, assignor to H. J. Minkus, Los Angeles, Calif. Paper-cutting machine. 2,558,398, June 26.
Tyler, Edward P., North Hollywood, Calif. Broiler. 2,550,889, May 1.
Tyler, Edward P., North Hollywood, Calif. Drinking fountain attachment. 2,579,769, Dec. 25.
Tyler Fixture Corporation, assignee: *See*—
Shreve, Clifford B.
Tyler, Harry C.: *See*—
Storey, Loren N., and Tyler.
Tyler, Herman R.: *See*—
Church, James S., and Tyler.
Tyler, John M., and V. E.Thornburg, West Hartford, and J. F. Madden, assignors to United Aircraft Corporation, East Hartford, Conn. Vibration testing equipment. 2,553,391, May 15.
Tyler, Marshall, assignor to C. B. Edwards, Talbotton, Ga. Tire removing device with circumferentially distributed thrust members. 2,563,293, Aug. 7.
Tyler, Merle D., Geneva, and R. H. Larson, Batavia, Ill., assignors to Du Kane Corporation. Strip film advance means. 2,571,795, Oct. 16.
Tyler, Ransom, Greenfield, assignor to The Oilgear Company, Milwaukee, Wis. Hydraulic drive for inertia loads. 2,553,286, May 15.
Tyler, Ransom, Greenfield, and E. H. Parduhn, assignors to The Oilgear Company, Milwaukee, Wis. Hydraulic drive for winding machines. 2,573,938, Nov. 6.
Tyler, W. S., Company, The, assignee: *See*—
Brown, Hugh E., and Grant.
Pomeroy, Sawyer M., and Disbro.
Tyler, Wade E.: *See*—
Stark, Julian H., and Tyler.
Tylon, Samuel, Cleveland, Ohio. Jewelry box. 2,540,969, Feb. 6.
Tynan, James N., Chicopee, Mass., and G. K. Geerlings, New Canaan, Conn., assignors to A. G. Spalding & Bros. Inc., Chicopee, Mass. Racket. 2,546,140, Mar. 20.
Tyndall, Richard M., Newark, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Panel holding apparatus. 2,536,239, Jan. 2.
Tyng, Anne G., Philadelphia, Pa. Child's furniture and toy construction. 2,551,071, May 1.
Tyrner, Joseph M., Mendham Township, Morris County, N. J., assignor to Air Reduction Company, Incorporated. Scarfing machine. 2,575,080, Nov. 13.
Tyrner, Joseph M., New York, N. Y., assignor to Air Reduction Company, Incorporated. Apparatus for feeding powdered material. 2,549,033, Apr. 16.
Tyrner, Joseph M., New York, N. Y., assignor to Air Reduction Company, Incorporated. Welding generator. 2,549,648, Apr. 17.
Tyrner, Joseph M., New York, N. Y., assignor to Air Reduction Company, Incorporated. Scarfing apparatus. 2,568,938, Sept. 25.
Tyrner, Joseph M., New York, N. Y., assignor to Air Reduction Company, Incorporated. Gas torch machine for cutting rounds and the like. 2,575,737, Nov. 20.
Tyrrell, Emmet R., Youngstown, Ohio, assignor to Fessler Machine Company, Sharon, Pa. Metal strip uncoiler. 2,578,953, Dec. 18.
Tyrrell, Warren A., Fairhaven, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Wave guide phase shifter. 2,546,840, Mar. 27.
Tyrrell, William G., Seattle, Wash. Can handling means. 2,536,672, Jan. 2.
Tyson, Charles W.: *See*—
Martin, Homer Z., Mayer, and Tyson.
Tyson, Floyd T., Wyncote, Pa. Manufacture of indole. 2,537,609, Jan. 9.
Tyson, John D., Lorain, Ohio, assignor to National Tube Company. Pipe-line pipe. 2,555,256, May 29.
Tyson, Vernon L., Miami, Fla. Moisture indicator for sand and gravel weighing hoppers. 2,548,410, Apr. 10.
Tyzzer, Howard J., Mountain Lakes, assignor to Ferris Instrument Laboratories, Boonton, N. J. Apparatus for receiving electrical alternating field effects. 2,536,329, Jan. 2.
Tyzzer, Howard J., Mountain Lakes, assignor to Ferris Instrument Laboratories, Boonton, N. J. Harmonic electrical alternating-current generation. 2,579,217, Dec. 18.
USCO Power and Equipment Corp., assignee: *See*—
Turnham, Fitzhugh H., and Garrison.
USCO Power Equipment Corp., assignee: *See*—
Gilliland, William H., and Turnham.
Uber, Jay J., Westfield, assignor, by mesne assignments, to Texon, Inc., Russell, Mass. Battery separator. 2,543,137, Feb. 27.
Uber, Jay J., Westfield, Mass., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Paper impregnating or saturating composition. 2,558,634, June 26.
U-Build Corporation, assignee: *See*—
Mortenson, Henry C.
Udale, Stanley M., Detroit, Mich., assignor to G. M. and E. Holley. Speed and barometric responsive fuel control for gas turbines. 2,538,605, Jan. 16.
Udale, Stanley M., Detroit, Mich., assignor to G. M. and E. Holley. Speed barometric altitude and airplane acceleration responsive fuel control. 2,538,606, Jan. 16.
Udale, Stanley M., Detroit, Mich., assignor to G. M. and E. Holley. Throttle controlled carburetor producing a rich mixture for an exhaust turbine. 2,578,028, Dec. 11.
Udd, John C., Montreal, Quebec, Canada. Couch. 2,548,570, Apr. 10.
Udd, John C., Montreal, Quebec, Canada. Building facing. 2,564,288, Aug. 14.
Udell, Louis N., Chicago, Ill. Vertically collapsible table. 2,565,187, Aug. 21.
Udy, Marvin J., Niagara Falls, N. Y. Production of ferromanganese. 2,549,994, Apr. 24.
Udylite Corporation, The, assignee: *See*—
Brown, Henry.
Davis, John V.
Uebelhoer Brothers, Inc., assignee: *See*—
Steele, Glen R.
Uehling, Fritz F., Passaic, N. J. Measuring network utilizing rectified currents. 2,555,166, May 29.
Uhing, Eugene H.: *See*—
McKinney, Leonard L., Cowan, and Uhing.
McKinney, Leonard L., Uhing, Setzkorn, and Cowan.
Uhl, Arthur W., Inwood, N. Y., assignor to Specialties Development Corporation, Bloomfield, N. J. Apparatus for visual detection of illuminated suspended matter in fluids. 2,549,866, Apr. 24.
Uhland, Lyle R., Knights Landing, Calif. Foliage removal bucket. 2,571,502, Oct. 16.
Uhle, Emil K., Naugatuck, assignor to The Phelps Manufacturing Company, Middlebury, Conn. Inserts for articles of plastic and similar materials. 2,561,433, July 24.
Uhle, Otto D., H. J. Dietz, and G. R. Struck, assignors to Eastman Kodak Company, Rochester, N. Y. Pressure equalizing device. 2,566,266, Aug. 28.
Uhlig, Erich J., Haddon Heights, N. J., assignor to Radio Corporation of America. Automatic selector mechanism. 2,574,603, Nov. 13.

Uhlmann, Erich, Ludvika, Sweden, and J. Hansen, Milwaukee, Wis., assignors to Allmanna Svenska Elektriska Aktiebolaget, Vasteras, Sweden. Simultaneously closing a plurality of circuits. 2,550,624, Apr. 24.
Uhrensteinfabrik Brugger & Cie, assignee: *See*—
Brügger, Rudolf.
Uhrmann, Franz, Muhldorf am Inn, Germany. Melting kettle for glass. 2,541,310, Feb. 13.
Ulano, Joseph, Brooklyn, N. Y. Composite sheet material. 2,576,491, Nov. 27.
Ulfves, Carl A., Worcester, Mass. Cam controlled work holder. 2,576,707, Nov. 27.
Uline, William A.: *See*—
Frei, Jakob R., and Uline.
Uline, William A., Sidney, assignor to Bendix Aviation Corporation, New York, N. Y. Electrical socket connector having fingers of tapered thickness. 2,563,760, Aug. 7.
Uline, William A., Sidney, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Socket connector having an indented solder wall. 2,563,761, Aug. 7.
Uline, William A., Sidney, assignor to Bendix Aviation Corporation, New York, N. Y. Shielded terminal having a composite metal ferrule for a flexible conduit. 2,577,049, Dec. 4.
Uline, William A., and H. P. Rowell, Sidney, assignors to Bendix Aviation Corporation, New York, N. Y. Electrical terminal block. 2,549,725, Apr. 17.
Uline, William A., and H. P. Rowell, Sidney, assignors to Bendix Aviation Corporation, New York, N. Y. Electrical connector having resilient insert. 2,563,762, Aug. 7.
Ulinski, Bronislaus I., Chicago, Ill., assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Lift mechanism for industrial trucks. 2,545,417, Mar. 13.
Ulinski, Bronislaus I., Chicago, Ill., assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Lift truck. 2,554,930, May 29.
Ulinski, Bronislaus I., Chicago, Ill., assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Braking fender. 2,562,835, July 31.
Ulke, William, Geona, Ill., assignor to John Oster Manufacturing Company, Racine, Wis. Agitator for lather mixers and the like. 2,551,713, May 8.
Ullmann, Henry, New York, N. Y. Floatable plastic book. 2,558,996, July 3.
Ullrich, Fred J., Kalamazoo, and L. A. Fordon, Detroit, Mich. Reinforced box. 2,541,846, Feb. 13.
Ullrich, Fred J., Kalamazoo, assignor to L. A. Fordon, Detroit, Mich. Stacking box or tray. 2,569,205, Sept. 25.
Ullrich, John B., Milwaukee, Wis. Berry box holder. 2,556,124, June 5.
Ullrich, Sue M., Tuckahoe, N. Y. Brassière. 2,568,175, Sept. 18.
Ullyot, Glenn E.: *See*—
Kerwin, James F., and Ullyot.
Ullyot, Glenn E., assignor to Smith, Kline & French Laboratories, Philadelphia, Pa. Producing 1-hydroxyisoquinolines. 2,538,341, Jan. 16.
Ullyot, Glenn E., assignor to Smith, Kline & French Laboratories, Philadelphia, Pa. Producing 1-keto-4-hydroxy-1,2,3,4-tetrahydroisoquinolines. 2,538,342, Jan. 16.
Ulm, Reign C.: *See*—
Prager, Frank D., and Ulm.
Ulmer, Joseph W.: *See*—
Koett, Albert C., and Ulmer.
Ulmer, William W., Alexandria, and L. R. Burroughs, South Bend, Ind.; said Burroughs assignor to said Ulmer. Vibrating coatings while drying so as to impart a pattern thereto. 2,544,622, Mar. 6.
Ulmer, William W., Alexandria, Ind., assignor to Aladdin Industries, Incorporated, Chicago, Ill. Manufacturing incandescent mantles. 2,546,115, Mar. 20.
Ulmschneider, Lawrence A., and C. W. Lewis, assignors to Eastman Kodak Company, Rochester, N. Y. Film cassette. 2,571,796, Oct. 16.
Ulrich, Frederick, Jersey City, assignor to Conmar Products Corporation, Newark, N. J. Quick disassembly slide fastener. 2,575,501, Nov. 20.
Ulrich, Lester J., assignor to Eastman Machine Company, Buffalo, N. Y. Base plate for cutting machines. 2,575,695, Nov. 20.
Ulrich, Raymond M., Roanoke, Ill. Truck and wagon hoist. 2,576,732, Nov. 27.
Ulrich, Sanford S.: *See*—
Henroteau, François C. P., and Ulrich.
Ultrasonic Corporation, assignee: *See*—
Gogolick, Roland M., Goldthwaite, and Pardy.
Horsley, Caperton B., and Danser.
Ulvick, George, Minneapolis, Minn. Violin E string adjuster. 2,539,645, Jan. 30.
Ulvild, George B., Massillon, Ohio. Pipette loader. 2,540,360, Feb. 6.
Umberger, Franklin H., Newport, Oreg. Pressure fluid motor. 2,538,812, Jan. 23.
Umhoefer, Robert R.: *See*—
Dawsey, Lynn H., Muehlhausser, and Umhoefer.
Umney, Laurie E. R., Marlow, assignor to Power Jets (Research and Development) Limited, London, England. Nonrotary centrifugal separator. 2,569,909, Oct. 2.
Umphlette, Charles L., Bellevue, and L. V. Hodgeboom, Kirkland, Wash. Floating reel seat for fishing rods. 2,543,881, Mar. 6.
Umstead, Marvin F., assignee: *See*—
Asher, Norman J.
Matchett, John C.
Umsted, Carleton G., Northport, and D. De Luca, Brooklyn, N. Y., assignors to The Sperry Corporation. Cam pin mechanism. 2,570,292, Oct. 9.
Unangst, John T., Pittsburgh, Pa. Checking the speed of revolving doors. 2,565,581, Aug. 28.
Underhill, Samuel H., Oyster Bay, N. Y. Plier construction for cutting electric armored cable. 2,551,401, May 1.
Underwood, Arthur F., Grosse Pointe, assignor to General Motors Corporation, Detroit, Mich. Deaerator and dirt separator. 2,571,503, Oct. 16.
Underwood Corporation, assignee: *See*—
Anderson, Walter A.
Becker, Fred.
Bentz, Herman.
Booten, Arthur L.
Dobson, William A.
Helmond, William F.
Jones, Willard C.
Lentz, Lawrence E.
Moore, Walter R.
Pitman, Henry L.
Sagner, Walter T.
Sundstrand, Oscar J.
Wise, Elmer L.
Yaeger, Harry C.
Underwood, Garfield J., Broadalbin, and A. J. Ammerall, assignors to Mohawk Carpet Mills, Inc., Amsterdam, N. Y. Pile fabric. 2,571,077, Oct. 9.
Underwood, Garfield J., Broadalbin, and A. J. Ammerall, assignors to Mohawk Carpet Mills, Inc., Amsterdam, N. Y. Pile fabric. 2,571,087, Oct. 9.
Underwood, James E., assignor to The West Company, Phoenixville, Pa. Making tear-off container caps. 2,544,969, Mar. 13.
Underwood, Lowell E., Chicago, Ill. Collapsible golf bag carrier. 2,577,290, Dec. 4.
Underwood, Orville J., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Transformer. 2,548,179, Apr. 10.
Underwood, Shirl: *See*—
Bullman, Louis K., and Underwood.
Undy, Gustav E., Detroit, assignor, by mesne assignments, to Weltronic Company, Oakland County, Mich. Control apparatus. 2,553,019, May 15.
Ungar, Gustave A., New Rochelle, assignor to Equi-Flow Inc., New York, N. Y. Gear pump or motor. 2,541,010, Feb. 6.
Ungarische Radiatoren Fabriks Aktiengesellschaft, assignee: *See*—
Beck, József.
Unger, Delores J., executrix: *See*—
Unger, Hector F.
Unger, Hector F., deceased, by D. J. Unger, executrix, Portland, Oreg. Pipe coupling. 2,558,695, June 26.
Unger, Maurice: *See*—
Steiner, Albert M., and Unger.
Ungh, Elgard M., Stockholm, Sweden. Violin support. 2,575,569, Nov. 20.
Ungnade, Otto F.: *See*—
Crandall, Lathan A., Jr., and Ungnade.
Unick, Henry F.: *See*—
Cremer, Frederick, and Unick.
Unifold Mailing Machines Inc., assignee: *See*—
Bamber, George E., and Turnbull.
Union Asbestos & Rubber Company, assignee: *See*—
Breen, Henry D., and Kuellmar.
Cremer, Frederick, and Unick.
Lundvall, John S.
O'Connor, Arthur F.
Union Bay State Co., Inc., assignee: *See*—
Earle, Roland D., and Sullivan.
Perry, Lloyd H.
Union Carbide and Carbon Corporation, assignee: *See*—
Ahlstrand, Phillip M., and Patch.
Barr, Eugene A., Jr.
Berringer, Robert E.
Binder, William O.
Bludeau, Robert E.
Bludeau, Robert E., and Bucknam.
Bohnet, William J., and Bagley.
Brehany, John J., and Ahlstrand.
Brimm, Eugene O., and Smith.
Briney, Robert M.
Bucknam, James H., and Rountree.
Burnham, Robert R., Anderson, and Matheson.
Carosella, Michael C.
Chadwick, Cecil G.
Chitwood, Henry C.
Culbertson, James B.
Culbertson, James B., Erasmus, and Fowler.
Feild, Theophilus A., Jr.
Feild, Theophilus A., Jr., and Michalko.
Feild, Theophilus A., Jr., and Schoonover.
Fisher, Charles R., Heise, and Schumacher.
Fitzpatrick, John T.
Erasmus, Hendrik D.

Union Carbide and Carbon Corporation, assignee: *See*—Continued.
Erasmus, Hendrik de W., and Culberston.
Glover, Roland L.
Grogan, Leo V.
Guest, Howard R., and McNamee.
Hamister, Victor C.
Hatfield, Marcus R.
Hayward, John E. H., and Calderbank.
Heise, George W.
Hilty, Donald C.
Hinschlager, Rudolph F.
Hoaglin, Raymond I., and Clark.
Hoaglin, Raymond I., and Hirsh.
Hosfield, Lee C.
Houvener, Russell W.
Huff, Melvin O., and Seidler.
Irvine, Arthur E.
Jacobsson, Wilgot J.
Jamieson, Archibald M.
Kiff, Ben W.
Knewstubb, Norman W., and Jamieson.
Knewstubb, Norman W., and Robb.
Lambrech, Joseph A.
Law, George H., and Wellman.
Livengood, Samuel M.
Lobosco, Roscoe R.
Marsal, Paul A.
Mazzucchelli, Arthur P., and Urich.
Molinari, Vittorio, and Affholter.
Morrogh, Henton, and Gardner.
Mosley, Samuel A.
Myers, Clayton S.
Offenhauer, Charles M.
Olson, Herbert E.
Pelton, John F., and Hart.
Phillips, Benjamin, Jr.
Phillips, Benjamin, Jr., and Quattlebaum.
Pilia, Frank J.
Ramadanoff, Dimiter.
Rice, Philip K.
Shechter, Leon.
Shechter, Leon, and Burhans.
Scheller, Arthur P.
Schrimpe, Conrad F.
Schulz, Helmut W., and Pufahl.
Smith, Carleton N., Whaley, and Wellman.
Smith, Frederick A.
Swallow, Herbert A., and Anderson.
Swenson, Charles H.
Thompson, Harold E.
Whaley, Fred R.
Wilson, Alexander L.
Wolf, Raymond A.
Young, Donald M., F. G., and Guest.
Young, Donald M. and F. G., Jr., and Guest.
Young, Frank G.
Zenner, George H., and Riede.
Zimmerman, Herman M., and Cahoon.

Union Chimique Belge, Société Anonyme, assignee: *See*—
Macq, André.

Union Des Verreries Mecaniques Belges, S. A., assignee: *See*—
Brichard, Edgard, Delacuvellerie, and Malicheff.

Union des Verreries Mecaniques Belges, Société Anonyme, assignee: *See*—
Verheggen, Albert J.

Union Diesel Engine Company, The, assignee: *See*—
Newell, Sidney W,

Union Fork & Hoe Company, assignee: *See*—
Riehl, William L.

Union Hardware Company, assignee: *See*—
Jack, Edward M.

Union Machine Company, assignee: *See*—
O'Neill, Edward M.

Union Manufacturing Company, assignee: *See*—
Bedford, Cecil A.
Church, Albert E.

Union Metal Manufacturing Company, The, assignee: *See*—
Anderson, Wilbur C.
Riemenschneider, Edmund W., and Anderson.

Union Oil Company of California, assignee: *See*—
Berg, Clyde H. O.
Berg, Clyde H. O., and Imhoff.
Buckmann, John P.
Collier, Robert T.
Deering, Roland F.
Doumani, Thomas F., and Cuneo.
Fischer, Paul W.
Fischer, Paul W., and Cook.
Fischer, Paul W., and Rogers.
Fleck, Raymond N.
Grove, Carl C.
Imhoff, Donald H.
Imhoff, Donald H., and Berg.
James, Ivor J.
Lake, George R.
Leffert, Charles B., and Berg.
Long, Robert W.
Mattson, Raymond W.

Union Oil Company of California, assignee: *See*—Con.
Neff, Loren L., and Wampler.
Rogers, Raymond A.
Sherborne, John E.
Skinner, Davis A., and Wampler.
Temple, Scott E.
Wilson, Chester E.

Union Special Machine Company, assignee: *See*—
Beck, Frederick W., Babka, and Lukins.
Christensen, Norman V., and Smith.
Peterson, Albert C., and Smith.
Reimer, George M., and Peterson.
Reimer, George M., and Sauer.

Union Specialties Company, assignee: *See*—
Haloski, Walter J.

Union Starch & Refining Company, assignee: *See*—
Cleland, James E., and Henke.
Cleland, James E., and Meyer.

Union Steel Products Company, assignee: *See*—
Bitney, Dewey H.
Bussing, Harold.
Hatch, Charles T.
McKim, Stanton R.

Union Switch & Signal Company, The, assignee: *See*—
Allen, Earl M.
Baughman, George W.
Bettison, David C.
Blosser, Herman G., and Nicholson.
Bone, Herbert L.
Bossart, Paul N.
Brannen, Paul M., and Konrad.
Broadbent, John H.
Buivid, Michel D.
Butridge, James H., and Claus.
Carlson, Theodore L.
Claus, William H.
Cobourn, Delbert F.
Cubitt, Roger H.
Dodd, Arthur E.
Douglass, Myrl R.
Essman, Arthur L.
Failor, Charles W.
Fereday, Frederick T., Sr.
Henderson, John R.
Lotz, John A.
Lurenson, Robert M.
Martin, Paul N.
McCann, Ronald A.
Pascoe, Frank T., and Jerome.
Peter, Leslie H., and Shipp.
Rost, Otto W.
Sell, Richard G., and Cubitt.
Snavely, Clarence S.
Sorensen, Andrew J.
Staples, Crawford E.
Thompson, Howard A.
Van Horn, James J.
Witmer, Harold G.
Young, Henry S.

Union Totalisator Company, Limited, The, assignee: *See*—
Handley, John.

United Aircraft Corporation, assignee: *See*—
Allen, Arthur N., Jr.
Anderson, Benjamin T., and Welch.
Anderson, John E., and Allen.
Best, Stanley G.
Bruynes, Hendrik.
Buck, Richard S.
Buivid, Michel D.
Burnett, Henry J.
Caldwell, Frank W.
Campbell, Paul J
Chorney, Harry.
Darracott, George F., Barba, and Reichert.
Dickerman, Fred N.
Dow, Arthur L., and Nelson.
Edson, Alden P., and Newell.
Fox, Samuel S.
Gluhareff, Michael E.
Grimac, Theodore E.
Heffernan, Robert C., and Dickerman.
Highberg, Axel L.
Horton, Roger F.
Hunt, William E.
Kalitinsky, Andrew.
King, Alexander H.
Kuhrt, Wesley A., and Hersey.
Kunz, Warren.
Lampton, Glen T.
Ledwith, Walter A.
Lee, John G.
Lightfoot, Ralph B.
Martin, Erle.
Moeller, Constand A.
Nelson, Andrew J.
Nystrom, Carl H.
Palmer, Robert C., Jr.
Poole, David M.
Rapuano, Henry J.
Roberts, Reon B.
Seldon, Mark R.

United Aircraft Corporation, assignee: *See*—Continued.
Tyler, John M., Thornburg, and Madden.
Wald, Quentin.
Wallace, Rudolf N.
Winnick, Raymond G.
Zimmerman, Charles H.
United Aircraft Products, Inc., assignee: *See*—
Bowsher, Chester A.
Clark, Warren H.
Stoner, Francis E.
Wolcott, Glenn W.
United Air Lines, Inc., assignee: *See*—
Jakosky, John J.
Jensen, Evan A.
Lebert, Herbert A.
United Bakers, Inc., assignee: *See*—
Gareis, Clarence J.
United Carbon Company, Inc., assignee: *See*—
Sweigart, Arthur L.
United-Carr Fastener Company of Canada Limited, assignee: *See*—
Healey, Robert M.
Johnson, Frank E.
United-Carr Fastener Corporation, assignee: *See*—
Amesbury, Robert R.
Becker, Philip D.
Bedford, William A., Jr.
Churchill, Wilmer H.
Clark, Geoffrey W.
Coyle, William J.
Griffin, Theodore R.
Hall, Charles L.
Hall, Charles L., and Pender.
Heath, Clarence W.
Hosking, Thomas W.
Johnson, Frank E.
Johnson, Warren H.
Jones, Walter I.
Kimbell, Arthur W.
Kral, Joseph.
Murphy, Howard J.
Sampson, Frederick S.
Shears, Stuart T.
Trafton, Warren L.
Woodward, Clement A.
United Chemical and Metallurgical Works, assignee: *See*—
Zert, Karel.
United Chromium, Incorporated, assignee: *See*—
Passal, Frank.
United Company, The, assignee: *See*—
Anderson, Axel E., and Cover.
United Drill and Tool Corporation, assignee: *See*—
Puckett, Richard E.
United Elevator Service, Inc., assignee: *See*—
Di Giovanni, Joseph.
United Engineering & Foundry Company, assignee: *See*—
Biggert, Florence C., Jr.
Stone, Morris D., and Greenberger.
Talbot, Howard H.
United Geophysical Company, Inc., assignee: *See*—
Hughes, James R.
McCoy, Marcus A.
United Machine Tools Factories, National Corporation, assignee: *See*—
Nouzák, Vladimír.
United Pipe Nipple Company, assignee: *See*—
Briglia, Anton.
United Shoe Machinery Corporation, assignee: *See*—
Abbott, Arthur R.
Ashley, John W., and Leahy.
Ashley, Merwin F.
Ashley, Merwin F., and Fearing.
Ashworth, Fred.
Baker, Corwin W.
Barker, William A.
Bertrand, Frederic E.
Bradley, Robert L.
Brophy, John J.
Brophy, John J., Pineles, and Putnam.
Burby, Philip E.
Cantley, Joseph C.
Chandler, James D.
Clark, Alfred S.
Cole, Frank E.
Coleman, Geoffrey, and Forman.
Cooper, Basil P.
Cutler, Wallace M., Greenough, and Kant.
Dilger, John L.
Dixon, Paul H.
Duplessis, René E.
Duplessis, René E., and Quinn.
Eastman, Fred C.
Eldred, Edwin C., Jr.
Elliott, Harold E., and Mawbey.
Eppler, Andrew, Jr.
Fitzgerald, Charles F.
Fossa, Joseph.
Foust, Orville N.
Fredericksen, James P.
Gates, William O.
Griswold, Stanley M., and Paulsen.
Gulbrandsen, Helge.
United Shoe Machinery Corporation, assignee: *See*—Con.
Gulbrandsen, Helge, Ballard, Linderoth, and Knowles.
Haas, Otto R.
Hall, St. John M.
Haugaard, Gotfred, and Kroner.
Hazelton, George.
Henshaw, James N.
James, Cyril H.
Kestell, David W.
Kestell, Thomas A.
Knowlton, Cutler D.
Kraeger, Vincent S., and Pym.
Kulik, Alphonse C.
Lancaster, John T.
Maciejowski, John J., and Daniels.
MacKenzie, Wilbur L.
Maeser, Mieth, and Daniels.
Maeser, Mieth, and Hobbs.
Marcy, Richard C., and Perron.
Matter, Peter A.
McCarthy, John F.
Melanson, Charles G.
Meyer, Vernon H., and Ferguson.
Miller, Lloyd G.
Naugler, Walter E.
Newton, Charles G., Jr.
Normington, James B.
Oliver, John R.
Olson, Arthur R., and McMillan.
Parrelli, Benjamin F.
Paulsen, Hans C.
Phillips, Harry.
Prahl, Frederick A., Jr.
Pratt, John W.
Proulx, Leonard E.
Putnam, Robert C.
Richardson, George K.
Robson, William S., and Moore.
Sandberg, Robert N.
Senfleben, Paul W.
Smithson, Ralph O., and Fitzgerald.
Speier, Bender L., and Hamilton.
Stacey, Ernest W., Hannable, Hubbard, and Richardson.
Stratton, Frank E.
Stritter, Karl A.
Sullivan, Thomas H.
Thomas, William D.
Thresh, Frank R.
Topham, Laurence E.
Topham, Laurence E., and Cross.
Welch, Edward S., Jr.
Willhauck, Augustus D.
Woodman, Charles K.
United Specialties Company, assignee: *See*—
Blair, Mark L., and McAllister.
Eastman, David P., and Swansen.
United Steel Fabricators, Inc., assignee: *See*—
MacLeod, Donald K.
Martin, William C., and MacLeod.
United States Air Force, United States of America as represented by the Secretary of the, assignee: *See*—
Humphrey, Paul E.
United States Atomic Energy Commission, United States of America as represented by the, assignee: *See*—
Abbott, Thomas A., and McMahon.
Alvarez, Luis W.
Arnold, William A.
Ayres, John A.
Baker, William R.
Ballard, Archibald H.
Bashkin, Stanley.
Beanblossom, Walter S.
Benner, Roland G.
Benning, Anthony F.
Benning, Anthony F., McHarness, Richards, and Feldmann.
Borst, Lyle B., and Fox.
Brenholdt, Irving R.
Cady, George H.
Carignan, Charles J.
Carter, James H., and Daane.
Church, James S., and Tyler.
Coler, Myron A.
Cromer, Sylvan, Booth, and Alexander.
Cumming, James M., and Aspey.
Cunningham, Burris B., Smith, and Dixon.
Daane, Adrian H., and Noyce.
Davis, Francis J., and Curtiss.
De Liban, Robert.
De Mont, Jack.
Dempster, Arthur J.
Downing, Frederick B., and Roberts.
Downing, Ralph C.
Dye, Raymond C.
Engelkemeir, Donald W., and Sugarman.
Evans, Quentin J.
Farly, George M., and Mack.
Freedman, Melvin S.
Fried, Sherman.
Fried, Sherman, and Davidson.
Froman, Darol K.
Gifford, John F.

United States Atomic Energy Commission, United States of America as represented by the, assignee: *See*—Con.
Glass, Floyd M.
Glenn, William E., Jr.
Goett, John J.
Goldberg, Harold D., and M. I.
Gow, James D.
Graham, Clifton B., and Carver.
Hamilton, Joseph G., Putnam, and Wiens.
Handforth, Stanley L.
Handley, Robert W., and Sawyer.
Hansen, Robert S.
Hanson, Alfred O.
Hatcher, Alexander P.
Hays, Earl E.
Headley, Lewis M.
Higinbotham, William A.
Higinbotham, William A., and McDaniel.
Hirsch, Harold, and Kowalchik.
Hocomovich, John.
Hoekstra, Henry R., and Katz.
Hubbard, Deane O.
Huffman, Eugene H., and Beaufait.
Jenkins, Francis A.
Johnson, Kenneth C.
Johnstone, Charles W.
Kamen, Martin D.
Kerns, Quentin A.
Kerns, Quentin A., and Baker.
King, L. D. Percival, Baker, and Schreiber.
Klema, Ernest D.
Knox, Frank A.
Krantz, Karl W.
Langsdorf, Alexander S., Jr.
Livingston, Ralph.
Livingston, Ralph, and Levy.
Longsworth, Lewis G.
Loverde, Anthony, and Beanblossom.
MacKenzie, Kenneth R.
MacMahon, Andrew M., and Snell.
MacNeille, Stephen M.
Marsh, Charles R.
Marsh, Charles R., and Pickle.
McBee, Earl T.
McBee, Earl T., and Barnhart.
McKechnie, Robert K., Seybolt, and Gray.
McKibben, Joseph L.
Miller, William T.
Mohr, Paul.
Morrison, Kenneth G.
Morrison, Philip.
Murray, Arthur, III, and Ronzio.
Newton, Amos S., and Johnson.
Nier, Alfred O. C.
Nier, Alfred O. C., and Inghram.
Osborne, Sidney G.
Panofsky, Wolfgang K. H., and Baker.
Park, Charles W., and Kilpatrick.
Perkins, Melvin A.
Perlman, Morris L., and Weissman.
Perret, William R.
Pontius, Rex B.
Powell, Jack E.
Powell, Wilson M.
Powell, Wilson M., and Hughes.
Prescott, Charles H., Jr.
Raper, John R.
Reid, Allen F.
Reyenga, Arnold J.
Ringland, William L.
Rosen, Raphael.
Rossi, Bruno B., and Staub.
Schlesinger, Hermann I., and Brown.
Schloss, Benjamin, and Robinson.
Segrè, Emilio G.
Smith, Waverly Q.
Spedding, Frank H., and Voigt.
Sperling, Curren C.
Staub, Hans H.
Steahly, Frank L., Stoughton, and Schuler.
Stein, Frank S., Binns, Rice, and Bashkin.
Stilmar, Frederic B.
Street, Kenneth, Jr.
Stuart, Kenneth E., and Osborne.
Swartout, John A.
Taylor, Thomas I.
Teeters, Wilbur O.
Tobias, Cornelius A.
Tompkins, Edward R.
Turner, Clarence M.
Wade, Elmer J.
Wade, Elmer J., and Simpson.
Warf, James C.
Watts, Richard J.
Weller, Barton L.
Werner, Louis B.
Wojcik, Bruno H., and Maude.
Wollan, Ernest O., and Pardue.
Wouters, Louis F.
Zinn, Walter H.
United States Barrel & Drum Corporation, assignee: *See*—
Pearlman, Philip.
U. S. Bobbin & Shuttle Co., assignee: *See*—
Gosselin, Wilfrid J.
Segee, James E., and Gosselin.
U. S. Electrical Motors, Inc., assignee: *See*—
Evans, William M.
Garey, Albert J.
Luenberger, Frederick O.
United States Envelope Company, assignee: *See*—
De Rouville, Edward M.
Heywood, Vincent E.
U. S. Expansion Bolt Co., assignee: *See*—
Arisman, George M., Jr.
United States Finishing Company, The, assignee: *See*—
Balassa, Ladislaus, and Spencer.
United States Gypsum Company, assignee: *See*—
Bollaert, Edgard M.
Burns, Frank B., and Larrison.
Camp, Thomas P.
Dailey, Manvel C., and Duffy.
Higgs, Morton C.
Jaeger, Robert O.
Scholz, Herman A., and Saville.
Willey, Grant S.
United States Hat Machinery Corporation, assignee: *See*—
Genest, Homer A. and W. H.
United States Hoffman Machinery Corporation, assignee: *See*—
Berger, Meyers M.
Fitpold, Joseph E.
Hamlin, Henry F.
U. S. Industrial Chemicals, Inc., assignee: *See*—
Earhart, Kenneth A.
Greenberg, Harry.
Hasselstrom, Torsten, and Stoll.
Hildebrandt, Frank M., and Erb.
Hoyt, Howard E., and Manninen.
Wachs, Herman.
United States Instrument Corporation, assignee: *See*—
Barry, Leon G.
United States Leather Company, The, assignee: *See*—
Miglarese, John.
U. S. Manufacturing Corporation, assignee: *See*—
Hobbs, Charles B.
United States of America, assignee: *See*—
Bennett, Robert P.
Welch, Henry.
United States Plywood Corporation, assignee: *See*—
Anderson, George W.
Dunne, James J., and Tuttle.
Hemming, Charles B.
Ilch, Theodore E.
McFall, Joe B.
United States Printing and Lithograph Co., The, assignee: *See*—
North, Mortimer S.
United States Quarry Tile Company, assignee: *See*—
Feichter, Harold R.
United States Radiator Corporation, assignee: *See*—
Emrick, Ambrose A.
United States Rubber Company, assignee: *See*—
Adams, James W.
Almand, Joseph M.
Ashford, Walter R.
Ashford, Walter R., and Beattie.
Bailey, Robert E.
Barnes, Charles E., Sr., and Charles E., Jr.
Barton, Bernard C.
Bender, Byron W.
Bethe, Eugene J.
Boorn, Howard F.
Bourne, Harry A.
Briscoe, William F. R., and Berry.
Briscoe, William F. R., and Plummer.
Cassidy, Robert C., Schreiber, and Tidd.
Child, Everett S.
Chittum, James P.
Clarkson, Robert J.
Cowgill, William W.
Crawford, William B.
Cunningham, Marion M.
Cuthbertson, George R., and Miller.
Daly, Lawrence E.
Daly, Lawrence E., and Pooley.
Davison, John A.
Davison, John A., and Dunn.
Dosmann, Lucien P.
Dotzenroth, William H.
Eger, Ernst.
Egge, Edwin G.
Fay, Patrick.
Ferrell, Wesley.
Forbes, Perley C.
Foster, Boutwell H.
Foster, Frederick J.
Gerke, Roscoe H., and Martin.
Godat, Edmond.
Gottschall, Marcia.
Gregg, Robert A.
Harris, Walter D., and Schoene.
Herrly, Raymond A.
Hindin, Herbert B., Howe, and Walsh.
Homeier, Otto F., and Scheib.

United States Rubber Company, assignee: *See*—Continued.
Howland, Louis H., and Reynolds.
Hurt, Victor H.
Hurt, Victor H., and Sweet.
Iknayan, Alfred N.
Iknayan, Alfred N., and Clayton.
Iknayan, Alfred N., and Macdonald.
Janczak, Lou S.
Keenan, Vincent J.
Kharasch, Morris S.
Ladd, Elbert C.
Ladd, Elbert C., and Harvey.
Ladd, Elbert C., and Kiley.
Ladd, Elbert C., and Sargent.
Ladd, Elbert C., and Shinkle.
Linscott, Chester E.
Mankowich, Ivan.
Mankowich, Ivan, and Day.
Manske, Richard H. F., Beattie, and Kulka.
Manske, Richard H. F., and Kulka.
McGavack, John, and Linscott.
Messer, William E., and Reynolds.
Meyer, Robert J.
Miller, Herman C.
Myers, Gordon S.
Neklutin, Vadim C.
Newby, Thomas H.
O'Donnell, Frank A.
Porth, Irving H.
Provost, Raoul L.
Provost, Raoul L., and Foster.
Rhines, Chester E.
Rhodes, Thomas J.
Richmond, Henry H.
Romeyn, Hendrik, Jr.
Rourk, Joseph D.
Ruebensaal, Clayton F.
Ruebensaal, Clayton F., and Sorg.
Schoene, Dwight L.
Schoene, Dwight L., and Chambers.
Scholl, Elwood L.
Schreiber, John F.
Scott, Benjamin H.
Smith, Allen E., and Hoffmann.
Smith, Cornelius W., and Golden.
Snyder, Robert H.
Stiteler, Charles H., and Tawney.
Sunbury, Herbert E., and Hitchcock.
Sundholm, Norman K.
Tauber, Samuel P.
Tawney, Pliny O
Teague, Merwyn C.
Thompson, Elmer S.
Tidd, Elbert D.
Trickey, Elwood B.
Warren, John C. R.
Wilhelm, Kurt E.

United States Sheetwood Company, assignee: *See*—
Goss, Worth C.

U. S. Slicing Machine Company, Inc., assignee: *See*—
Klingens, Cornelis, and Foster.
Klingens, Cornelis, and Thomas.
Lubberhuizen, Jan W.
Poillevey, Leon.
Van Berkel, Wilhelmus A.
Van Duyn, Adrianus.

United States Steel Company, assignee: *See*—
Allen, William S.
Backus, Earl R.
Block, Carl F.
Boyce, Joseph F.
Cheek, Edward E.
Colburn, George M.
Coleman, William E.
Davis, Henry M.
Foss, Ferdinand H. H.
Francis, Charles B.
Ginder, John C. S., and Walsh.
Gittings, Daniel O.
Grazier, Doré W.
Grossmann, Marcus A.
Guy, Charles M.
Hileman, George A.
Johnson, Fred H.
King, Michael C.
Kinnear, James W., Jr.
Lewis, Thomas W.
Locke, Harry H.
Lorig, Edwin T.
Madden, Joseph.
Marburg, Edgar.
McCartney, Raymond F., Pellissier, and Wicker.
Mentzel, Sigmund T.
Miller, Donald S.
Muddiman, Earll R.
Mursch, William H.
Nagel, William F.
Nichol, Wilbert G.
Ogan, Albert C.
Rendel, George H.
Schefe, Frederick K.

United States Steel Company, assignee: *See*—Continued.
Schulze, Arthur R.
Seeley, Dewey M.
Swanson, Ralph I., and Smith.
Taylerson, Ewart S.
Teplitz, Alfred.
Zsamboky, Theodore A.

United States Steel Products Company, assignee: *See*—
A'Hearn, Frank L.

United States Television Manufacturing Corporation, assignee: *See*—
Smith, Archibald D., Jr.

U. S. Textile Machine Company, assignee: *See*—
Thomas, Alfred W., Jr., and Gubitose.

United States Time Corporation, The, assignee: *See*—
Adduci, Raymond V.
Taegtstroem (Ralph Vidar), Ingemar.

Universal Atlas Cement Company, assignee: *See*—
Ludwig, Norman C.

Universal Camera Corporation, assignee: *See*—
Johnson, Frank M.

Universal Chain Co. Inc., assignee: *See*—
Weinacker, Hermann, and Dieterich.

Universal Controls Corporation, assignee: *See*—
Peterson, Charles D.

Universal Development Company, assignee: *See*—
Jensen, Louis E., and Auer.

Universal Drafting Machine Corporation, assignee: *See*—
Bowser, Wenard, Jr.
Little, Charles H. and C. H.

Universal Fittings & Scaffolding Company, assignee: *See*—
North, Thomas C.

Universal Fountain Pen & Pencil Co., Inc., assignee: *See*—
Morris, Hy D.

Universal Lubricating Systems, Inc., assignee: *See*—
Farrell, Richard R.
Staley, Austin L.

Universal Manufacturing Corp., assignee: *See*—
North, Thomas C.

Universal Manufacturing Corporation, assignee: *See*—
Scheidemantle, Howard R.

Universal Match Corporation, assignee: *See*—
Hommel, Theodore.

Universal Moulded Products Corporation, assignee: *See*—
Nebesar, Robert J.

Universal Oil Products Company, assignee: *See*—
Anderson, Nils K.
Bergman, Donald J.
Bloch, Herman S.
Bloch, Herman S., and Thompson.
Brown, Kenneth M.
Brown, Kenneth M., and Gerhold.
Brown, Kenneth M., and Johnstone.
Chenicek, Joseph A.
Chenicek, Joseph A., and Gleim.
Collins, Robert B.
Covert, Benjamin L.
Danforth, Joseph D.
Deanesly, Richard M.
Geiser, Edward M.
Gerald, Curtis F., and Donaldson.
Gerhold, Clarence G.
Gleim, William K. T.
Gleim, William K. T., and Gaydasch.
Haensel, Vladimir.
Hanson, Olaf M., and Linn.
Hartwig, Karl T., and Haufe.
Hoekstra, James.
Hoffman, Alfred E.
Huff, Lyman C.
Ipatieff, Vladimir N., and Monroe.
Ipatieff, Vladimir N., and Pines.
Johnstone, Warren W.
Kassel, Louis S.
Kelly, Taliferro B., Jr.
Kinnaird, William R.
Leffer, Frederick A. W.
Leffer, Frederick W.
Liggett, Philip T.
Linn, Carl B.
Linn, Carl B., and Newman.
Linn, Carl B., and Schmerling.
Mavity, Julian M.
McAfee, Jerry.
McCausland, John W.
Murray, Maurice J.
Murray, Maurice J., and Gallaway.
Orescan, George.
Pines, Herman, and Ipatieff.
Pines, Herman, and Kvetinskas.
Pines, Herman, and Vesely.
Pinkston, John T., Jr.
Rodman, Hugh, and Becker.
Rosenwald, Robert H.
Schaad, Raymond E.
Schmerling, Louis.
Schmerling, Louis, and Chenicek.
Thompson, Ralph B.
Thompson, Ralph B., and Chenicek.
Thompson, Ralph B., and Schmerling.

Universal Oil Products Company, assignee: *See*—Con.
Vesely, Jerome A.
Wackher, Richard C., and Linn.
Watkins, Charles H.
Webb, Glenn M., Moehl, and Murray.
West, James P.
West, James P., and Schmerling.
Universal Oilgas Heating A/S, assignee: *See*—
Nielsen, Alfred.
Universal Products Company Incorporated, assignee: *See*—
Ransom, Richard B.
Universal Properties, Inc., assignee: *See*—
Martin, Earnest E., and Walsh.
Universal Railway Devices Co., assignee: *See*—
Bartsch, Herbert E.
Wilson, Jack.
Universal Steel Equipment Corporation, assignee: *See*—
Rosenberg, Philip.
Universal Surface Machines, Inc., assignee: *See*—
Chappen, Stephen P.
Universal Washing Machinery Co., assignee: *See*—
Borgerding, Henry.
Universal Winding Co., assignee: *See*—
Hilbert, Richard G.
Universal Wire Spring Company, assignee: *See*—
Blumensaadt, Svend G.
Blumensaadt, Svend G., Neely, and Page.
University Loudspeakers Inc., assignee: *See*—
Levy, Sidney E.
Morse, Milton.
University of California, The Regents of the, assignee: *See*—
Gier, Joseph T., Boelter, Bromberg, and Dempster.
Powers, John B.
University of Chattanooga, The Industrial Research Institute of the, assignee: *See*—
Seymour, Raymond B.
University of Illinois, The Board of Trustees of the, assignee: *See*—
Fellows, Julian R.
Kerst, Donald W.
Miles, John C.
University of Illinois Foundation, The, assignee: *See*—
Wach, Edward C.
University of Michigan, The Regents of the, assignee: *See*—
Blicke, Frederick F.
Nier, Alfred O. C.
University of Minnesota, Regents of the, assignee: *See*—
Coulter, Samuel T., Montonna, and Kitzes.
University of Pennsylvania, The Trustees of the, assignee: *See*—
Ehrenstein, Maximilian R.
University of Richmond, assignee: *See*—
Pierce, John S.
University Patents, Inc., assignee: *See*—
Cohen, Karl, and Urey.
Unk, Jacob M.: *See*—
Bourgonjon, Louis R., Horowitz, Kleis, Slooff, van Tol, and Unk.
Unk, Jacob M., and A. Horowitz, Eindhoven, Netherlands, assignors, by mesne assignments, to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Device for transmitting over a distance the position of an operating or indicating member. 2,553,069, May 15.
Unruh, Cornelius C.: *See*—
Kenyon, William O., Laakso, and Unruh.
Kenyon, William O., and Unruh.
Unsinger, Philip H., Fremont, Ohio. Penknife. 2,558,399, June 26.
Unsworth, Thomas, Wellesley, assignor to Cole-Hersee Company, Boston, Mass. Electric switch. 2,575,147, Nov. 13.
Unterberg, Gustav, Edmonton, Alberta, Canada. Grain or seed cleaner. 2,573,778, Nov. 6.
Untoria G., Anibal M., Habana, Cuba. Clothespin. 2,567,792, Sept. 11.
Unverzagt, Paul A., Pittsburgh, Pa., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Wrench operated tap changer mechanism. 2,568,888, Sept. 25.
Unwin, Kenneth J., assignor, by mesne assignments, to Quaker Stretcher Company, Kenosha, Wis. Curtain stretcher. 2,547,985, Apr. 10.
Unwin, Kenneth J., assignor, by mesne assignments, to Quaker Stretcher Company, Kenosha, Wis. Leveling bridge. 2,557,058, June 12.
Unwin, Kenneth J., assignor, by mesne assignments, to Quaker Stretcher Company, Kenosha, Wis. Metal frame with inserted pins. 2,559,573, July 3.
Unwin, Kenneth J., assignor, by mesne assignments, to Quaker Stretcher Company, Kenosha, Wis. Curtain stretcher. 2,565,936, Aug. 28.
Unzeitig, Milvoy, Cedar Rapids, Iowa. Vehicle spring suspension. 2,560,999, July 17.
Updegraff, Mervin J., Dayton, Ohio. Camera-projector lens supporting attachment. 2,574,072, Nov. 6.
Updike, Neileen M. T., Philadelphia, Pa. Gift package. 2,547,676, Apr. 3.
Upham, Charles R., Los Angeles, Calif. Iron powder dispenser. 2,572,078, Oct. 23.
Upham, John D., Bartlesville, Okla., assignor to Phillips Petroleum Company. Reactions involving the use of hydrogen halides. 2,570,407, Oct. 9.
Upham, Sidney D., Stillwater, Okla., and C. C. Reed, Pearl River, assignors to American Cyanamid Company, New York, N. Y. Vitaminaceous oil containing powders and the preparation thereof. 2,571,797, Oct. 16.
Uphoff, William C., assignee: *See*—
Stechmann, Herman H.
Upjohn Company, assignee: *See*—
Kolloff, Harold G., and Levin.
Upjohn Company, The, assignee: *See*—
Colinsworth, Donald R.
Cookson, Leonard T.
Delor, Raymond A.
Delor, Raymond A., and Petering.
Heinzelmann, Richard V.
Himelick, Robert E.
Heyl, Frederick W., and Herr.
Heyl, Frederick W., Herr and Centolella.
Hunter, James H., and Korman.
Levin, Robert H.
Levin, Robert H., McIntosh, and Spero.
Levin, Robert H., Spero, and Thompson.
Lyttle, Douglas A., and Weisblat.
Moffett, Robert B.
Nelson, John W.
Ott, Arnold C.
Ott, Arnold C., and Murray.
Petering, Harold G.
Petering, Harold G., and Schmitt.
Reid, William Bradley, Jr.
Rolfson, Stanley T., Hunter, and Hinman.
Weisblat, David I., and Lyttle.
Weisblat, David I., and Magerlein.
Weisblat, David I., Magerlein, and Hanze.
Weisblat, David I., Magerlein, Hanze, and Rolfson.
Weisblat, David I., Magerlein, and Myers.
Whiffen, Alma J., Emerson, and Bohonos.
Woodruff, Eugene H.
Zienty, Mitchell F.
Upper, John A., Niagara Falls, Ontario, Canada, assignor to Norton Company, Worcester, Mass. Pouring arc furnace. 2,579,885, Dec. 25.
Up-Right, Inc., assignee: *See*—
Johnson, Wallace J. S.
Upson, Robert W., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Dialkyl vinyl phosphates and polymers. 2,557,805, June 19.
Upton, Patrick B.: *See*—
Banks, William H., Upton, and Scott.
Uraneck, Carl A., Borger, Tex., assignor to Phillips Petroleum Company. Polymerization of vinyl compounds in the presence of heterocyclic nitrogen compounds as activators. 2,578,910, Dec. 18.
Urbach, Franz, assignor to Eastman Kodak Company, Rochester, N. Y. Measurement of temperature distribution on the surface of solid bodies. 2,551,650, May 8.
Urbain, Leon F., Chicago, Ill. Clip construction for means for assembling constructional units. 2,540,603, Feb. 6.
Urban, George H.: *See*—
Day, Hobart M., and Urban.
Urban, René, Basel, Switzerland, assignor to Hoffman-La Roche Inc., Nutley, N. J. Water-soluble salts of diethylstilbestrol di-(sulfoacetate) and the manufacture thereof. 2,537,868, Jan. 9.
Urban, René, Basel, Switzerland, assignor to Hoffmann-La Roche Inc., Nutley, N. J. Disubstituted carbamic acid esters of 3-hydroxy-1-alkyl-pyridinium salts. 2,572,579, Oct. 23.
Urban, Stephen F., Kenmore, and G. F. Comstock, Niagara Falls, assignors, by mesne assignments, to National Lead Company, New York, N. Y. Ferritic alloy. 2,542,220, Feb. 20.
Urban, Victor, Pretoria, Transvaal, Union of South Africa. Blending of dry powdered materials. 2,570,168, Oct. 2.
Urch, Anthony, San Francisco, Calif. Dispensing container with a spout and puncturing blade hingedly attached. 2,571,798, Oct. 16.
Urey, Harold C.: *See*—
Cohen, Karl, and Urey.
Urfer, Adolf, Lake Oscawana, Putnam Valley, N. Y. Marine speed indicator. 2,573,515, Oct. 30.
Urich, Paul F.: *See*—
Mazzucchelli, Arthur P., and Urich.
Urick, Robert J., and R. M. Sherwood, San Diego, Calif. Oscilloscope and its circuit. 2,537,105, Jan. 9.
Urie, Willis N., Santa Monica, Calif. Automatic lens diaphragm control mechanism for process cameras. 2,570,888, Oct. 9.
Urish, Frank, Flushing, N. Y. Machine for marking buttonholes and buttons on garments. 2,572,682, Oct. 23.
Urquhart, John C., assignee: *See*—
Pollard, Harold, and Haggart.
Urquhart, Norman J., Scenery Hill, assignor to Steel Processing Company, Pittsburgh, Pa. Furnace operation. 2,543,388, Feb. 27.
Urschel, Gerald W.: *See*—
Urschel, William E., J. R., and G. W.
Urschel, Joe R., administrator: *See*—
Urschel, William E.
Urschel, William E., J. R., and G. W.

Urschel, William E., deceased, Valparaiso, Ind.; J. R. Urschel, administrator. Vine and seed stripper. 2,550,129, Apr. 24.
Urschel, William E., deceased, Valparaiso, Ind.; J. R. Urschel, administrator. Universal joint. 2,553,020 May 15.
Urschel, William E., deceased, Valparaiso, Ind. J. R. Urschel, administrator. Mechanical movement and crop treating mechanism. 2,562,400, July 31.
Urschel, William E., deceased, J. R., and G. W., Valparaiso, Ind.; said J. R. Urschel, administrator of said W. E. Urschel. Sectionalizing cutting machine. 2,541,180, Feb. 13.
Uschmann, Curt, Lebanon, assignor to Cascades Plywood Corporation, Portland, Oreg. Fiber dispersing machine and method. 2,579,770, Dec. 25.
Uschmann, Curt, and E. H. Jacobson, Lebonan, assignors to Cascades Plywood Corporation, Portland, Oreg. Panel scarfing machine. 2,555,382, June 5.
Usher, Edward M.: *See*—
Glasford, Glenn M., and Usher.
Usselman, George L., Port Jefferson, N. Y., assignor to Radio Corporation of America. Signaling system. 2,536,330, Jan. 2.
Usselman, George L., Port Jefferson, N. Y., assignor to Radio Corporation of America. Carrier suppression side-band generator. 2,538,543, Jan. 16.
Usselman, George L., Port Jefferson, N. Y., assignor to Radio Corporation of America. Arc-back counter. 2,557,848, June 19.
Usteri, Eduard: *See*—
Geiger, Max, Usteri, and Ruperti.
Utes, Harry O., Forest Park, Ill. Partition divided paddle. 2,540,918, Feb. 6.
Uthaug, Carl L., Jordan, Mont. Automatic trip actuating means for dumping hayrakes. 2,548,083, Apr. 10.
Utica Drop Forge & Tool Corporation, assignee: *See*—
Barnes, William A.
Utica Radiator Corporation, assignee: *See*—
Simon, Harold E. M.
Utiger, Alois: *See*—
Matthias, Eugen, and Utiger.
Utilities Distributors, Inc., assignee: *See*—
Anderson, Eric M., Kelley, and Clifford.
Utility Appliance Corp., assignee: *See*—
Leo, Herbert S., and Petersen.
Utsinger, Edward L., deceased, Bartlesville, Okla., by Z. Utsinger, administratrix, Bartlesville, Okla., assignor to Phillips Petroleum Company. Removing solid polymeric material from process equipment. 2,563,085, Aug. 7.
Utsinger, Zoe, administratrix: *See*—
Utsinger, Edward L.
Utter, Bror A., Overland, Mo. Conveyer and support for use in processing poultry. 2,557,707, June 19.
Utterback, Ernest, New York, and F. C. Fahnestock, Manhasset, N. Y., assignors to Socony-Vacuum Oil Company, Incorporated. Method and apparatus for hydrocarbon conversion. 2,574,850, Nov. 13.
Uttz, Bonnie L., Fort Worth, Tex. Automobile vanity kit. 2,547,101, Apr. 3.
Uttz, William A., Fort Worth, Tex. Mousetrap attachment. 2,544,475, Mar. 6.
Uttz, William A., Fort Worth, Tex. Portable air cooler. 2,562,589, July 31.
Uxbridge Worsted Co., Inc., assignee: *See*—
Andrews, John R., Jr.
Vaaler, Larry I., and I. J. Hagemo, La Crosse, Wis. Repeating toy airplane projector. 2,572,782, Oct. 23.
Vaca, Humberto, Detroit, Mich. Eyeshield for headgear. 2,538,607, Jan. 16.
Vaca, Humberto, Detroit, Mich. Eyeshield for headgear. 2,538,608, Jan. 16.
Vaca, Humberto, Detroit, Mich. Eye shield. 2,560,669, July 17.
Vaccarezza, Ismael J., Daireaux, Argentina. Table service utensil. 2,542,600, Feb. 20.
Vacha, Fred P., Auburndale, assignor, by mesne assignments to National Pneumatic Co., Inc., Boston, Mass. Electrical apparatus. 2,555,208, May 29.
Vaché, Henry F., Upper Darby, Pa. Motion converter. 2,548,411, Apr. 10.
Vacheron, Jean: *See*—
Secondi, Raymond G., and Vacheron.
Vachon, Amiee: *See*—
Brainerd, George M., and Vachon.
Vachon, Hubert J., Haverhill, assignor to Boston Machine Works Company, Lynn, Mass. Tape coating mechanism. 2,554,131, May 22.
Vachon, Hubert J., Haverhill, assignor to Boston Machine Works Company, Lynn, Mass. Cementing device for tape. 2,574,942, Nov. 13.
Vachon, Roméo, Montreal, Quebec, Canada. Clamping and stretching tool for tire inner tubes and the like rubber goods. 2,548,506, Apr. 10.
Václavík, Jaroslav, assignor to Bata, narodni podnik, Zlin, Czechoslovakia. Variable stroke slurcock. 2,571,314, Oct. 16.
Vaco Products Company, assignee: *See*—
Rock, George L.
Vacquier, Victor V., Garden City, N. Y., and G. Muffly, Penn Township, Allegheny County, assignors to Gulf Research & Development Company, Pittsburgh, Pa. Method and apparatus for measuring the values of magnetic fields. 2,555,209, May 29.
Vacuum Can Company, assignee: *See*—
Verheyden, James A., and Haloski.
Vacuum Cleaner Corporation of America, The, assignee: *See*—
Meletti, Adolph.
Vacuum Concrete, Inc., assignee: *See*—
Billner, Karl P.
Vadnais, Charles L., St. Paul, Minn. Fishing device. 2,570,293, Oct. 9.
Vadner, Samuel, Narberth, Pa. Packing and storage container. 2,567,832, Sept. 11.
Vagtborg, Harold A., Chicago, Ill. assignor to Armour Research Foundation of Illinois Institute of Technology. Electrical musical instrument. 2,549,145, Apr. 17.
Vâhl, László, Muiderberg, assignor to Werkspoor, N. V., Amsterdam, Netherlands. Crystallizing solutions. 2,569,357, Sept. 25.
Vâhl, László, Muiderberg, assignor to Werkspoor N. V., Amsterdam, Netherlands. Method and apparatus for removing the crusts of the cooling elements of a continuously operating crystallizer. 2,570,612, Oct. 9.
Vahle, Raymond: *See*—
Benoit, Leon, and Vahle.
Vahlteich, Hans W., Edgewater, N. J., C. M. Gooding, Staten Island, N. Y., and R. H. Neal, North Bergen, N. J., assignors to The Best Foods, Inc., New York, N. Y. Glyceridic oil compositions and producing same. 2,578,649, Dec. 11.
Vaida, Theodore F., High Bridge, N. J. Level vial mounting. 2,536,788, Jan. 2.
Vaida, Theodore F., High Bridge, N. J. Spirit level. 2,566,542, Sept. 4.
Vail, John H.: *See*—
Saums, Harry L., Vail, and Sturgis.
Vail Manufacturing Company, assignee: *See*—
Nyberg, Curt E.
Vail, Walter E.: *See*—
Beekley, John S., and Vail.
Vaill, John L., Waterbury, Conn. Heavy-duty hydraulic tube end forming machine with automatically operated chuck, punch, and stop means. 2,543,480, Feb. 27.
Valbert, Louis W., assignee: *See*—
Cade, John W.
Valdes, Adolph J.: *See*—
Schindler, John, and Valdes.
Vale, Baldwin, deceased, San Francisco, Calif.; H. E. Vale, executrix. Reclining chair. 2,573,073, Oct. 30.
Vale, Helen E., executrix: *See*—
Vale, Baldwin.
Valenta, Oldřich, Prague, Czechoslovakia. Coupler for joining of two tubes or structural elements of circular or other cross section. 2,567,659, Sept. 11.
Valente, John E., assignor to Paper Patents Company, Neenah, Wis. Molded filter product. 2,576,864, Nov. 27.
Valenti, Andrew B., Flushing, N. Y. Handkerchief holder. 2,551,184, May 1.
Valentin, Fred C., assignor to Vee-Lox Rivet & Tool Corporation, Brooklyn, N. Y. Gear operated, bolt-holding wrench. 2,537,382, Jan. 9.
Valentine, Bertram G.: *See*—
Rich, Barrett G., Sandoval, and Valentine.
Valentine, Bertram G., Kenmore, N. Y., assignor to Deere Manufacturing Co., Dubuque, Iowa. Accessory mounting for internal-combustion engines. 2,549,948, Apr. 24.
Valentine, Kenneth B., Waterford Township, Oakland County, assignor to General Motors Corporation, Detroit, Mich. Processing electroplated spring steel parts. 2,572,219, Oct. 23.
Valentine, Leon D., assignee: *See*—
Valentine, Robert J.
Valentine, Patrick, and J. Z. Lichtman, New York, N. Y. Rotary cutting tool. 2,556,240, June 12.
Valentine, Robert J., Cuba, N. Y., assignor of one-half to L. D. Valentine, Philadelphia, Pa. Patient lifting device. 2,565,536, Aug. 28.
Valentino, Thomas J., New York, and R. Fine, Hewlett, N. Y. Apparatus for making aural announcements. 2,561,602, July 24.
Valet, André M.: *See*—
Gislon, André, and Valet.
Valeton, Josué J. P., and B. W. V. Schenau, Eindhoven, Netherlands, assignors to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Circuit arrangement for generating direct voltages. 2,557,209, June 19.
Valite Corporation, assignee: *See*—
McElhinney, Thomas R.
Valiton-Richardson, Inc., assignee: *See*—
Rahaim, Peter A.
Valko, Emery I: *See*—
Du Bois, Adrien S., and Valko.
Vallarino, Antonio R.: *See*—
Charchian, Benjamin M., and Vallarino.
Vallas, Charles O., Chicago, Ill., assignor to Wm. H. Vallas, Jr., and Sons. Portable dust collector and separator. 2,540,919, Feb. 6.
Vallas, Wm. H., Jr., and Sons, assignee: *See*—
Vallas, Charles O.
Valley Mould and Iron Corporation, assignee: *See*—
Kauffman, Edmund J., Sr.
Valley Welding & Boiler Co., assignee: *See*—
Hebert, John W.

Valli, Livio A.: *See*—
Emmer, Charles E., and Valli.
Valluzzi, Arthur J., Fort Riley, Kans. Anchoring plug for walls. 2,553,614, May 22.
Valter, Jakob: *See*—
Oestrich, Hermann, Rosskopf, Renner, and Valter.
Valtersson, Bo Valterson, assignor to Järnhs Elektriska Aktiebolag, Stockholm, Sweden. Röntgen tube. 2,559,136, July 3.
Valvano, Ralph A., Los Angeles, Calif. Universal stud puller and driver. 2,560,012, July 10.
Valvano, Ralph A., Los Angeles, Calif. Tool for inserting and removing stud bolts. 2,571,968, Oct. 16.
Van Aardt, Johannes H. P., Germiston, Transvaal, assignor to R. F. Powell, Barberton, and National Chemical Products Limited, Germiston, Transvaal Province, Union of South Africa. Trialkoxy paraffins as froth flotation frothing agents. 2,561,251, July 17.
Van Ackeren, Joseph, Pittsburgh, Pa., assignor, by mesne assignments, to Koppers Company, Inc. Coke oven apparatus and method. 2,537,197, Jan. 9.
Van Ackeren, Joseph, assignor to Koppers Company, Inc., Pittsburgh, Pa. Coke oven with gas recirculating means. 2,541,794, Feb. 13.
Vanadia, Frank, Mount Vernon, N. Y. Sewing machine with chain stitch cutter. 2,579,059, Dec. 18.
Vanadia, Frank, and C. Rosetto, New York, N. Y. Edge stitching presser foot for sewing machines. 2,545,980, Mar. 20.
Vanadium Corporation of America, assignee: *See*—
Dawe, Charles N.
Dunn, Holbert E., and Bradley.
Dunn, Holbert E., Wallace, and Mayer.
Strauss, Jerome.
Van Akkeren, Leon A.: *See*—
Vander Wal, Robert J., and Van Akkeren.
Van Allan, James A.: *See*—
Allen, Charles F. H., and Van Allan.
Van Allen, James A.: *See*—
Barghausen, John W. B., and Van Allen.
Van Almelo, Fred K.: *See*—
Jacobsson, Stig F., and Van Almelo.
Van Almelo, Fred K., Fairport, N. Y., assignor to Stromberg-Carlson Company. Switching device having "hold" key. 2,536,829, Jan. 2.
Van Alphen, Pieter M.: *See*—
Kuperus, Jan, and van Alphen.
Vanaman, Harry R., Millville, N. J. Rotary whistle. 2,555,833, June 5.
Van Amerongen, Gerrit J., The Hague, assignor to Rubber-Stitching, Delft, Netherlands. Preparing chlorinated rubber hydrochloride. 2,536,789, Jan. 2.
Van Antwerpen, Lloyd D.: *See*—
Van Antwerpen, Martin and L. D.
Van Antwerpen, Martin and L. D., Milwaukee, Wis. Device for forming cushioning strips. 2,552,912, May 15.
Van Armbruster, Cecil, New Holland, Pa., and E. Bylund, assignors to John Oster Manufacturing Company, Racine, Wis. Electric hair clipper. 2,542,378, Feb. 20.
Van Asten, Christiaan, The Hague, Netherlands. Apparatus for playing an oracle card game. 2,557,400, June 19.
Vanatko, Antonin: *See*—
Javorek, Jaroslav, and Vaňátko.
Van Atta, Lester C., Winchester, Mass., assignor, by mesne assignments, to the United States of America as represented by the Secretary of the Navy. Antenna. 2,567,746, Sept. 11.
Van Auken, Milo E., assignor to James R. Kearney Corporation, St. Louis, Mo. Circuit breaker. 2,541,679, Feb. 13.
Van Beckum, William G.: *See*—
Heritage, Clark C., and Van Beckum.
Van Beckum, William G., assignor to Weyerhaeuser Timber Company, Longview, Wash. Producing dehydroperillic acid. 2,541,127, Feb. 13.
Van Beckum, William G., Longview, Wash., and H. L. Cook, Tigard, Oreg., assignors to Weyerhaeuser Timber Company, Longview, Wash. Bonding plywood, an adhesive therefor and making it. 2,574,803, Nov. 13.
Van Berkel, Wilhelmus A., Clarens, Montreux, Switzerland, assignor to U. S. Slicing Machine Company, Inc. Slicing machine. 2,556,667, June 12.
Van Bibber, Charles D., Florence, Ala. Shutter operated flash synchronizing switch and adjustable mount therefor. 2,567,627, Sept. 11.
Van Blooys, Joseph P., assignee: *See*—
Savage, Leonard H.
Van Brode Milling Co., Inc., assignee: *See*—
Brody, David.
Van Brunt, John Deere, Company, assignee: *See*—
Hyland, William A.
Van Buren, Charles W.: *See*—
Jamison, Winfield F., and Van Buren.
Van Buren, John, Brooklyn, N. Y., assignor to The Procter & Gamble Company, Cincinnati, Ohio. Machine for cutting and spacing soap cakes. 2,567,041, Sept. 4.
Van Buren, Tracy H., Sturgis, Mich. Resilient back rest for posture chairs. 2,577,050, Dec. 4.
Van Buuren, Hendrik, Amsterdam, Netherlands. Device for crushing oleiferous seeds and fruit. 2,565,411, Aug. 21.
Van Campen, Marcus G., Jr.: *See*—
Shelton, Robert S., and Van Campen.
Van Cappellen, Marius, Voorburg, Netherlands. Foldable case, box, or container. 2,574,303, Nov. 6.
Vance, Arthur W., Cranbury, N. J., assignor to Radio Corporation of America. Cathode-ray deflection circuits. 2,559,525, July 3.
Vance, Frank P., Jr., Bartlesville, Okla., assignor to Phillips Petroleum Company. Fluidized bed reactor. 2,546,570, Mar. 27.
Vance, Harold C.: *See*—
Parker, William N., Hoover, and Vance.
Vance, John E., Canton, assignor to The Hoover Company, North Canton, Ohio. Flexible hose for suction cleaners. 2,550,099, Apr. 24.
Vance, John E., North Canton, Ohio. Garden hose reel and sprinkler. 2,578,159, Dec. 11.
Vance, John T., Jr., Edna, Tex. Infant feeder. 2,550,210, Apr. 24.
Vance, Robert L., Springtown, Pa., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Glow discharge voltage control device. 2,564,040, Aug. 14.
Vancik, Henry F., Grandview, Wash. Calf weaner. 2,575,433, Nov. 20.
Vancil, Edgar D.: *See*—
Hassman, Fred A., and Vancil.
Nenninger, Lester F., Vancil, and Hassman.
Van Cleef Bros. Inc., assignee: *See*—
Hopkins, James E. A., Frick, and Van Cleef.
Van Cleef, Paul: *See*—
Hopkins, James E. A., Frick, and Van Cleef.
Van Cleef, Paul, Chicago, Ill., assignor, by mesne assignments to Johns-Manville Corporation, New York, N. Y. Hair curler. 2,542,601, Feb. 20.
Vancoppenolle, Jean, Caen, France; vested in the Attorney General of the United States. Device for the suspension of vehicles. Re. 23,401, Aug. 21.
Van Daam, Catherine, executrix: *See*—
Van Daam, Gerrit.
Van Daam, Gerrit, deceased, Buffalo, N. Y.; C. Van Daam, executrix. Heating device for airplanes. 2,552,075, May 8.
Van Dalfsen, Jan: *See*—
Stokla, Hermanus K., and Van Dalfsen.
Van Dam, Walter L., and M. J. Karr, assignors to Atlas Press Company, Kalamazoo, Mich. Woodworking machine and the like provided with adjustable work guides. 2,562,246, July 31.
Van de Graaff, Robert J., Belmont, and W. W. Buechner, Arlington, Mass., assignors to Research Corporation, New York, N. Y. Anode target for high-voltage high-vacuum uniform-field acceleration tubes. 2,559,526, July 3.
Van de Kamp, Jacob: *See*—
Lawhead, James S., Mozingo, and van de Kamp.
Vandenberg, Clarence E., Blue Island, Ill., assignor to International Harvester Company. Chain link interspersing machine. 2,544,942, Mar. 13.
Vandenberg, Edwin J.: *See*—
Hulse, George E., and Vandenberg.
Vandenberg, Edwin J., assignor to Hercules Powder Company, Wilmington, Del. Emulsion polymerization of certain vinyl compounds using a mercaptan modifier, a hydroperoxide catalyst, and oxygen. 2,569,506, Oct. 2.
Vandenberg, Frank: *See*—
Burgwin, Stephen L., and Vandenberg.
Vanden Berg, John C., Fort Wayne, assignor to Waste Conditioning Inc., Indianapolis, Ind. Emulsion separator. 2,564,936, Aug. 21.
Vanden Berg, Russel V., New Kensington, assignor to Aluminum Company of America, Pittsburgh, Pa. Preparing aluminum welding wire. 2,569,030, Sept. 25.
Van den Bergh's en Jurgens' Fabrieken N. V., assignee: *See*—
Weber, Anton P. and F. A.
Van den Broele, Oscar H.: *See*—
Schouwenaars, Marcel A., Van de Straete, and Van den Broele.
Vandenburgh, Charles D.: *See*—
Kulp, Maurice P., and Vandenburgh.
Vanden Hoek, Samuel, Grand Rapids, Mich. Foldable golf bag support. 2,572,408, Oct. 23.
Van Der Auwera, Laurent A.: *See*—
Van Dormael, André E., and Van Der Auwera.
Vanderbilt, Byron M.: *See*—
Newberg, Raymond G., Slotterbeck, and Vanderbilt.
Rose, Harold J., and Vanderbilt.
Strickland, Barney R., and Vanderbilt.
Vanderbilt, R. T., Company, Inc., assignee: *See*—
Brooks, Lester A.
Craig, William L.
Johnston, Norman F.
Somerville, Albert A.
Wheeler, Gordon K.
Vandercook, Juanita J., Portland, Oreg. Girdle. 2,575,605, Nov. 20.
Van Der Grinten, Karel J. J., Venlo, Netherlands, assignor to Chemische Fabriek L. Van Der Grinten. Exposure apparatus for making photoprints. 2,544,287, Mar. 6.
Van der Grinten, Lodewijk P. F., assignor to Chemische Fabriek L. van der Grinten, Venlo, Netherlands. Exposure apparatus for making photo copies. 2,546,482, Mar. 27.

Van der Heiden, Arnoldus L., Amersfoort, Netherlands. Machine for manufacturing buttons out of plate material. 2,549,034, Apr. 17.

Vanderhider, Henry M., South San Antonio, assignor of fifty per cent to J. O. Pierce, Brownsville, Tex. Tellurian. 2,544,057, Mar. 6.

Vanderholt, Charles E., Beaumont, Tex. Bung opening. 2,567,628, Sept. 11.

Vanderjagt, Barend G. H.: *See*—
Van der Jagt, Barend G. H.

Van der Jagt, Barend G. H., Washington, D. C., now by change of name, Barend Gysbertus Henry Vanderjagt. Producing a spinnable sliver. 2,572,783, Oct. 23.

Vanderleck, James M.: *See*—
Downing, William C., Jr., Eggleston, and Vanderleck.

Vanderleck, James M., Toronto, Ontario, Canada, assignor to Sangamo Electric Company, Springfield, Ill. Vibrating reed type direct-current motor. 2,568,100, Sept. 18.

Vanderlip, Laurence A., Wichita, Kans. Automotive headlight dimming system. 2,573,627, Oct. 30.

Vanderlippe, Richard A.: *See*—
Branson, David E., Davey, Knandel, Locke, and Vanderlippe.

Vanderlippe, Richard A., Bloomfield, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telegraph mark-hold circuit. 2,554,847, May 29.

Vandermark, George, Detroit, Mich. Convertible seat and bed for truck cabs. 2,558,470, June 26.

Van Dermark, Hazel L., executrix: *See*—
Van Dermark, Henry Leland.

Van Dermark, Henry L.: *See*—
Van Dermark, Henry L.

Van Dermark, Henry L., also known as H. L. Van Dermark, deceased, Sacramento, Calif; by H. L. Van Dermark, executrix, Medford, Oreg. Removal of broken spark plugs. 2,547,986, Apr. 10.

Van der Meer, Willem A.: *See*—
Lolkema, Jan, and van der Meer.

Van der Molen, Arie P., Beek, assignor to De Directie van Staatsmijnen in Limburg, Heerlen, Netherlands. Treatment of solutions. 2,573,516, Oct. 30.

Vanderpool, Harold D.: *See*—
McGee, Kenneth, and Vanderpool.

Vanderpool, Ward M., assignee, trustee: *See*—
Bayston, John R.

Van Der Pyl, Edward: *See*—
Bridgman, Percy W., Ridgway, and Van Der Pyl.

Van der Pyl, Edward, Holden, assignor to Norton Company, Worcester, Mass. Tunnel kiln. 2,577,935, Dec. 11.

Van der Reis, Maarten, New York, N. Y. Moving-stairway broadcasting device. 2,561,959, July 24.

Van Der Sluys, William: *See*—
Janeway, Robert N., and Van Der Sluys.

Van Der Sluys, William, Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Railway truck. 2,574,804, Nov. 13.

Van der Togt, Jan, assignor to Vennootschap onder de firma Tomado, Zwijndrecht, Netherlands. Manufacture of metal baskets. 2,566,644, Sept. 4.

Vander Valk, Christy J., Clifton, N. J., assignor to Heyden Chemical Corporation, New York, N. Y. Vinyl polymer compositions containing as a plasticizer an ester of a pentaerythritol hydroxyalkyl ether. 2,579,219, Dec. 18.

Vander Veer, John H.: *See*—
Kilar, John F., and Vander Veer.

Vanderveld, Anthony, assignor to Grand Rapids Store Equipment Company, Grand Rapids, Mich. Bracket rod mounting. 2,574,073, Nov. 6.

Vanderveld, Anthony, assignor to Grand Rapids Store Equipment Company, Grand Rapids, Mich. Store wall furniture. 2,580,334, Dec. 25.

Vanderveld, Anthony, and A. H. Dahme, assignors to Grand Rapids Store Equipment Company, Grand Rapids, Mich. Connected wall store furniture. 2,543,263, Feb. 27.

Vanderveld, Charles F., assignor to Grand Rapids Store Equipment Company, Grand Rapids, Mich. Bracket and lock therefor. 2,576,865, Nov. 27.

Vandervell Products Limited, assignee: *See*—
Green, David F., Mallet, and Briscoe.
Green, David F., and Salmon.

Van der Waarden, Mathijs, Amsterdam, Netherlands, assignor to Shell Development Company, San Francisco, Calif. Emulsions. 2,577,218, Dec. 4.

Vander Wal, Robert J., assignor to Armour and Company, Chicago, Ill. Nitrile derivatives. 2,558,666, June 26.

Vander Wal, Robert J., Chicago, and L. A. Van Akkeren, Oak Park, assignors to Armour and Company, Chicago, Ill. Modified lard and producing same. 2,571,315, Oct. 16.

Vanderwater, Donald B., Poughkeepsie, assignor to The De Laval Separator Company, New York, N. Y. Apparatus for pasteurizing and the like. 2,551,651, May 8.

Vander Weele, John C.: *See*—
Britton, Edgar C., Vander Weele, and Livak.

Van Der Werff, Jacob B., Burbank, Calif., assignor to General Metals Corporation. Rotary fluid valve. 2,578,160, Dec. 11.

Vander White, Alfred J., San Francisco, Calif. Piston valve. 2,552,825, May 15.

Van Der Wilt, Arnold, assignor of one-fourth to H. J. Le Vesconte, Glendale, Calif. Brake clearance maintaining device. 2,553,343, May 15.

Vanderzee, Harry H.: *See*—
Baldwin, Clyde P., and Vanderzee.

Vanderzee, Harry H., assignor to Twin Disc Clutch Company, Racine, Wis. Toothed drive for transmitting power. 2,544,194, Mar. 6.

Vanderzee, Harry H., Racine, Wis., assignor to Joy Manufacturing Company. Drilling apparatus. 2,547,609, Apr. 3.

Vanderzee, Harry H., assignor to Twin Disc Clutch Company, Racine, Wis. Flexible slip coupling. 2,561,830, July 24.

Van der Ziel, Aldert: *See*—
Strutt, Maximiliaan J. O., Knol, and van der Ziel.
Strutt, Maximiliaan J. O., and van der Ziel.

Van de Straete, Leo A.: *See*—
Schouwenaars, Marcel A., Van de Straete, and Van den Broele.

Van de Straete, Leo A., Antwerp, assignor to Gevaert Photo-Producten N. V., Mortsel-Antwerp, Belgium. Cyanine dyestuff intermediates and making same. 2,558,400, June 26.

Van de Straete, Leo A., Mortsel-Antwerp, and M. A. Schouwenaars, Edegem-Antwerp, assignors to Gevaert Photo-Producten N. V., Mortsel-Antwerp, Belgium. Preparing beta-substituted polymethine dyestuffs. 2,557,806, June 19.

Van Deusen, Werter P., assignor to Eastman Kodak Company, Rochester, N. Y. Making photographic relief images. 2,544,905, Mar. 13.

Van Deventer, Christopher, assignor, by mesne assignments, to National Plastics, Inc., Knoxville, Tenn. Buoy. 2,553,798, May 22.

Van Deventer, Frank M., Westfield, N. J., assignor, by mesne assignments, to Walworth Company, New York, N. Y. Adjustable loading device for valves and the like. 2,579,218, Dec. 18.

Vandewege, Orville, Lincoln, Nebr. Photographic retouching machine. 2,543,616, Feb. 27.

Van de Wiel, Alfred, Eindhoven, Netherlands, assignor to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Electric circuit arrangement. 2,561,080, July 17.

Van Dijck, Willem J. D., assignor of one-half to Nederlandse Centrale Organisatie Voor Toegepast-Natuurwetenschappelijk Onderzoek, The Hague, Netherlands. Magnetic compass. 2,566,098, Aug. 28.

Van Dijk, Christiaan P., and H. T. Voorthuis, Amsterdam, Netherlands, assignor to Shell Development Company, San Francisco, Calif. Stabilized compositions containing high molecular weight halogenated materials. 2,555,167, May 29.

Van Dijk, Pieter, Velp, Netherlands, assignor to American Enka Corporation, Enka, N. C. Drying yarn. 2,539,978, Jan. 30.

Vandiver, Hobson, assignee: *See*—
Stukenborg, Louis C.

Van Dobbenburgh, Willem J. D., assignor to American Enka Corporation, Enka, N. C. Banking reel. 2,539,979, Jan. 30.

Van Donselaar, Henry, Grinnell, Iowa. Trenching machine. 2,579,025, Dec. 18.

Van Doorne, Hubertus J., Deurne, Netherlands. Supporting mechanism for semitrailers. 2,572,409, Oct. 23.

Van Doorne, Hubertus J., Deurne, Netherlands. Steering mechanism for semitrailer supporting mechanism. 2,572,410, Oct. 23.

Van Dormael, André E., Heverlee-Louvain, assignor to Gevaert Photo-Producten N. V., Mortsel-Antwerp, Belgium. Hemicyanine dyestuffs. 2,553,989, May 22.

Van Dormael, André E., Heverlee-Louvain, and L. A. Van Der Auwera, assignors to Gevaert Photo-Producten N. V., Mortsel-Antwerp, Belgium. Colored photographic layers and their manufacture. 2,566,814, Sept. 4.

Van Dorn, Herbert E., Chicago, Ill., assignor to The Dornvan Corporation. Draft gear cushion. 2,541,000, Feb. 6.

Van Dorn, William E., Pasadena, and P. K. Beemer, Inglewood, assignors to Preco Incorporated, Los Angeles, Calif. Convertible bulkhead and air circulating fan assembly for refrigerator cars. 2,544,242, Mar. 6.

Van Dorsten, Adrianus C., Eindhoven, Netherlands, assignor, by mesne assignments, to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Device for extinguishing a discharge tube having a mercury cathode. 2,537,383, Jan. 9.

Van Dorsten, Adrianus C., Eindhoven, Netherlands, assignor to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Voltage multiplier. 2,549,995, Apr. 24.

Van Dresser Specialty Corporation, assignee: *See*—
Shockey, Newton E.

Van Dusen, Charles H., Jr., Willoughby, Ohio, assignor to Addressograph-Multigraph Corporation, Wilmington, Del. Planographic printing and adhesive sheeting for use therein. 2,540,158, Feb. 6.

Van Dusen, Charles H., Jr., Willoughby, assignor to Addressograph-Multigraph Corporation, Cleveland, Ohio. Planographic printing plate and preparing the same. 2,542,784, Feb. 20.

Van Dusen, Charles H., Jr., Willoughby, Ohio, assignor to Addressograph-Multigraph Corporation, Wilmington, Del. Image-forming composition and making it. 2,545,125, Mar. 13.

Van Dusen, Charles H., Jr., Willoughby, Ohio, and O. E. Weissenborn, Verona, N. J., assignors to Addressograph-Multigraph Corporation, Cleveland, Ohio. Impregnated pencil lead. 2,566,753, Sept. 4.
Van Dusen, Charles H., Jr., Willoughby, Ohio, and O. E. Weissenborn, Verona, N. J., assignors to Addressograph-Multigraph Corporation, Wilmington, Del. Composition for a pencil lead. 2,566,754, Sept. 4.
Van Duuren, Hendrik C. A., Wassenaar, Netherlands. Antenna system. 2,549,867, Apr. 24.
Van Duuren, Hendrik C. A., Wassenaar, Netherlands. System for the transmission of telegraph signs on a radio path by means of a double wave. 2,552,126, May 8.
Van Duyn, Adrianus, Hillegersberg, Netherlands, assignor to U. S. Slicing Machine Company, Inc. Knife edge bearing for scales. 2,552,826, May 15.
Van Duyn, Adrianus, Hillegersberg, Rotterdam, Netherlands, assignor to U. S. Slicing Machine Company, Inc., La Porte, Ind. Slicing machine food pusher. 2,560,670, July 17.
Van Duyn, Adrianus, Hillegersberg, Rotterdam, Netherlands, assignor to U. S. Slicing Machine Company, Inc., La Porte, Ind. Slicing machine food pusher. 2,560,671, July 17.
Van Duyn, Adrianus, Hillegersberg, Netherlands, assignor to U. S. Slicing Machine Company, Inc. Slicing machine feed mechanism. 2,573,628, Oct. 30.
Van Duyn, Adrianus, Hillegersberg, Rotterdam, Netherlands, assignor to U. S. Slicing Machine Company, Inc. Slicing machine with gauge plate adjusting means. 2,573,630, Oct. 30.
Van Duyn, Adrianus, Hillegersberg, Rotterdam, Netherlands, assignor to U. S. Slicing Machine Company, Inc. Slicing machine. 2,573,631, Oct. 30.
Van Duyn, Adrianus, Hillegersberg, Rotterdam, Netherlands, assignor to U. S. Slicing Machine Company, Inc., La Porte, Ind. Slicing machine with stacker. 2,573,632, Oct. 30.
Van Dyke, Karl S., Middletown, Conn. Dew point hygrometer. 2,536,11, Jan. 2.
Van Dyke, Karl S., Middletown, Conn., assignor to the United States of America as represented by the Secretary of War. Dew point hygrometer. 2,571,171, Oct. 16.
Van Dyke, Lyle H., Portland, Oreg. Holder for telephone instruments. 2,575,306, Nov. 13.
Van Dyke, Walter H., Peabody, assignor to Sylvania Electric Products Inc., Salem, Mass. Exhaust tubulation. 2,550,658, Apr. 24.
Van Dyke, William D., St. Petersburg, Fla. Potentiometer. 2,558,326, June 26.
Van Embden, Hendrik J. M., Eindhoven, Netherlands, assignor to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Device for heating pieces of work by means of high-frequency alternating currents. 2,537,289, Jan. 9.
Van Eps, Fred, Plainfield, N. J. Recording head feeding device. 2,553,392, May 15.
Vanet, Paul, Le Vesinet, assignor to La Cellophane, Paris, France. Drawing machine. 2,551,185, May 1.
Van Etten, Howard A., Monroe, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Silk screen stencil ink. 2,556,241, June 12.
Van Fleet, Vincent, Detroit, Mich. Window frame assembly. 2,565,747, Aug. 28.
Van Fossan, Jay P., Warren, assignor to Republic Steel Corporation, Cleveland, Ohio. Machine for corner scarfing of billets. 2,552,827, May 15.
Van Goethem, Désiré M. A.: *See*—
Koerber, Willem K. A., and Van Goethem.
Van Gorder, Norman, Scotch Plains, W. Horback, Irvington, and A. F. Caprio, Madison, N. J., assignors to Celanese Corporation of America. Producing mercurous chloride crystals. 2,570,408, Oct. 9.
Van Graafeiland, Wesley H.: *See*—
Schade, Willy, and Van Graafeiland.
Van Guilder, Walter, River Forest, Ill., assignor to General Mills, Inc. Food mixer control mechanism. 2,552,605, May 15.
Van Guilder, Walter, River Forest, Ill., assignor to General Mills, Inc. Beater for food mixers. 2,571,316, Oct. 16.
Van Guilder, Walter, River Forest, assignor to Precision Scientific Co., Chicago, Ill. Fume exhaust manifold. 2,573,290, Oct. 30.
Van Haaften, Egbert: *See*—
Hawks, Douglass, Jr., and Van Haaften.
Sinkler, Arthur B., and Van Haaften.
Van Hall, Floris A. J., and D. R. Barcelo, Barcelona, Spain, assignors to American Enka Corporation, Enka, N. C. Intensive aftertreatment of synthetic threads. 2,539,980, Jan. 30.
Van Ham, Ernest E., assignor to Jerguson Gage & Valve Company, Somerville, Mass. Direct reading gauge for cold fluids. 2,550,175, Apr. 24.
Van Hardenberg, Bonifacius J., Eindhoven, Netherlands, assignor to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Frequency discriminator. 2,570,013, Oct. 2.
Van Hartesveldt, Carroll H., Rosemont, Pa., assignor to Thompson Products, Inc., Cleveland, Ohio. Supplementary fuel. 2,543,514, Feb. 27.
Van Hasselt, Marc: *See*—
Wright, Esmond P. G., van Hasselt, and Weir.
Van Heeckeren, Willem J.: *See*—
Rinia, Herre, de Brey, and Heeckeren.
Vanheerswynghels, Joseph, Brussels, Belgium. Impulse transmitter for automatic telephone systems. 2,561,298, July 17.
Van Heuvel, Marie K.: *See*—
Van Heuvel, Walter J., and M. K.
Van Heuvel, Walter J., and M. K. Van Heuvel, Azusa, Calif. Pressure tire gauge. 2,569,120, Sept. 25.
Van Heyningen, Earle M.: *See*—
Doran, Wilbur J., and Van Heyningen.
Vanhille, René: *See*—
Egalon, Roger, Vanhille, and Willemyns.
Van Hook, John O.: *See*—
Croxall, Willard J., and Van Hook.
McKeever, Charles H., and Van Hook.
Van Hook, John O., Roslyn, and W. J. Croxall, Bryn Athyn, assignors to Rohm & Haas Company, Philadelphia, Pa. Phenyl-oxo-aminoalkynes. 2,539,801, Jan. 30.
Van Hook, John O., Philadelphia, and W. J. Croxall, Bryn Athyn, assignors to Rohm & Haas Company, Philadelphia, Pa. Conversion of oxymethylenepentenoates to malonaldehydates. 2,540,073, Jan. 30.
Von Hoorn, Fred G., Bridgeport, Conn., assignor to General Electric Company. Renewable enclosed fuse. 2,556,018, June 5.
Van Horn, Earl, Mineola, N. Y. Roller skate. 2,558,696, June 26.
Van Horn, Earl, Mineola, N. Y. Roller skate. 2,578,911, Dec. 18.
Van Horn, Forest B., Stockton, Kans. Spraying apparatus with adjustable booms. 2,539,288, Jan. 23.
Van Horn, James J., Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Traffic detecting means for protecting operation of railway track switches and the like. 2,549,146, Apr. 17.
Van Horn, James P., Libertyville, Ill. Pneumatic tube carrier retriever. 2,574,673, Nov. 13.
Van Horn, Lee, Los Angeles, and L. A. Kahn, Alhambra, assignors to Filtrol Corporation, Los Angeles, Calif. Continuously acid activating clay. 2,563,977, Aug. 14.
Van Horne Kaestner Leather Co., assignee: *See*—
Niles, Michael L.
Van House, Kenneth J., Burton, Wash. Golf club buggy. 2,570,504, Oct. 9.
Van Hove, Desire H., Northville, Mich. Colostomy receptacle. 2,549,649, Apr. 17.
Van Hove, Desire H., Northville, Mich., assignor to Falls Spring & Wire Company, Detroit, Mich., and Great Lakes Spring Corporation, Chicago, Ill. Seat back cushion spring construction. 2,570,409, Oct. 9.
Van Hulst, Jan, Amsterdam, Netherlands. Building having an obtuse-angled outer circumference. 2,566,099, Aug. 28.
Van Hulst, Jan, Nieuwer-Amstel, Netherlands. Wall covering. 2,559,051, July 3.
Van Hulzen, Andrew, Chicago, Ill. Tire tube. 2,560,609, July 17.
Van Ijzeren, Ewoud A.: *See*—
Gusdorf, Frederik H., and van Ijzeren.
Van Ingen Schenau, Bernardus W., and G. J. Lubben, Eindhoven, Netherlands, assignors to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Circuit arrangement for producing high-direct voltages. 2,570,014, Oct. 2.
Van Ingen Schenau, Bernardus W., Eindhoven, Netherlands, assignor to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Electric musical instrument. 2,577,493, Dec. 4.
Van Iterson, Frederik K. T., The Hague, assignor to N. V. Hollandsche Constructie Werkplaatsen, Leiden, South-Holland, Netherlands. Dry gasholder having a ballast actuated piston. 2,559,137, July 3.
Vanity Fair Mills, Inc., assignee: *See*—
Ginwright, Victor M.
Van Kessel, George C., Opa Locka, Fla. Dusting machine. 2,572,542, Oct. 23.
Van King, C., assignee: *See*—
Storm, Frederick K., Jr., and Smiley.
Van Kirk, Bradley W., Canton, Ohio. Fish lure. 2,541,847, Feb. 13.
Van Lammeren, Wilhelmus P., Voorschoten, Netherlands. Fluid impact coupling and clutch. 2,570,889, Oct. 9.
Van Lare, Earl J., and L. G. S. Brooker, assignors to Eastman Kodak Company, Rochester, N. Y. Preparation of hydroxy cyclammonium quaternary salts. 2,541,015, Feb. 13.
Van Lare, Earl J., and L. G. S. Brooker, assignors to Eastman Kodak Company, Rochester, N. Y. Merocyanine dyes containing a benzimidazole nucleus. 2,548,571, Apr. 10.
Van Lare, Earl J., and L. G. S. Brooker, assignors to Eastman Kodak Company, Rochester, N. Y. Producing hydroxy cyclammonium quaternary salts. 2,559,907, July 10.
Van Lare, Earl, and L. G. S. Brooker, assignors to Eastman Kodak Company, Rochester, N. Y. Acyloxy polymethine dye intermediates. 2,575,373, Nov. 20.
Van Leeuwen, Jacobus J., Amsterdam, Netherlands. Variable-speed friction gear. 2,552,751, May 15.
Vanleirsberghe, Leonard, La Grange Park, Ill. Portable tool for forcing a tire bead from its associated rim flanges. 2,568,874, Sept. 25.

Van Lennep, Gustav J., Washington, D. C. Touch tuning and dialing device. 2,543,389, Feb. 27.
Van Leuven, Edwin P., Bakersfield, Calif. Gemstone machine. 2,573,371, Oct. 30.
Van Leuven, Karl, Jr., Hollywood, assignor to Ina Yoakum, Los Angeles, Calif. Brassière. 2,578,954, Dec. 18.
Van Liew, Delora M., Spokane, Wash. Hem line marker. 2,549,267, Apr. 17.
Van London, William J., Houston, Tex. Expansion joint filler for existing concrete pavements. 2,539,875, Jan. 30.
Van Loon, Carel J., W. Beukema, J. J. Schurink, and T. J. Weyers, Eindhoven, Netherlands, assignors to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Superheterodyne receiver. 2,536,331, Jan. 2.
Van Loon, Carel J., and B. D. H. Tellegen, Eindhoven, Netherlands, assignors to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Tunable amplifier having a predetermined band-pass characteristic throughout its range. 2,555,906, June 5.
Van Loon, Carel J., and W. Beukema, Eindhoven, Netherlands, assignors to Hartford National Bank and Trust Company Hartford, Conn., as trustee. Control device. 2,570,015, Oct. 2.
Van Loon, Carel J., Eindhoven, Netherlands, assignor to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Superheterodyne receiving circuit arrangement. 2,570,016, Oct. 2.
Van Loon, Johannes: *See*—
Dobbelmann, Petrus B. H. M., and van Loon.
Vanmalcot, Gustaaf A., Schaerbeek-Brussels, assignor to Société Anonyme Minimax, Brussels, Belgium. Mechanical device for producing a progressively decreasing force the initial value of which is considerable. 2,560,399, July 10.
Van Megroot, Barbara H., Waterbury, Conn. Finger-tip shaper. 2,553,070, May 15.
Van Mierlo, Stanislas: *See*—
Durheim, Hans H., and Van Mierlo.
Rheingold, Michael, and Van Mierlo.
Van Mierlo, Stanislas A., Paris, France, assignor to International Standard Electric Corp., New York, N. Y. Automatic equalizer. 2,556,242, June 12.
Van Mierlo, Stanislas, Paris, France, assignor to International Standard Electric Corporation, New York, N. Y. Frequency selective network arrangement. 2,570,294, Oct. 9.
Van Ness, Henry E., Elmira, N. Y. Rotary rake. 2,546,620, Mar. 27.
Van Nimwegen, Garret: *See*—
Wooddell, Charles E., van Nimwegen, and Hager.
Van Nort, William W. K., Cabin John, Md. Propeller guard for outboard motors. 2,559,179, July 3.
Van Oeveren, Donald J., Arlington, Va. Combination boat and trailer. 2,548,274, Apr. 10.
Van Orman, Howard A., and H. H. Hendon, Birmingham, Ala.; said H. H. Hendon, assignor of one-half to H. H. Hendon, Jr. Septic tank construction. 2,553,885, May 22.
Van Outrive, Charles F., Chicago, Ill. Garbage receptacle. 2,568,041, Sept. 18.
Van Overbeek, Adrianus J. W. M.: *See*—
Jonker, Johannes L. H., and van Overbeek.
Van Overbeek, Adrianus J. W. M., Eindhoven, Netherlands, assignor, by mesne assignments, to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Electric discharge tube. 2,537,923, Jan. 9.
Van Overbeek, Adrianus J. W. M., Eindhoven, Netherlands, assignor to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Electric discharge tube. 2,538,714, Jan. 16.
Van Overbeek, Adrianus J. W. M., Eindhoven, Netherlands, assignor to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Apparatus for phase modulating high-frequency oscillations. 2,569,358, Sept. 25.
Van Patten, Ernest W., McLean, Va. Packaged unit for article handling. 2,566,385, Sept. 4.
Van Patten, Royal A.: *See*—
Ensign, Elbert E., and Van Patten.
Van Pelt, Harry H., Eureka, Calif. Impact tool for making powder holes. 2,574,605, Nov. 13.
Van Ranst, Cornelius W., and W. D. Smith, Dearborn, Mich., said Smith, assignor, by mesne assignments, to said Van Ranst. Fuel pump. 2,576,894, Nov. 27.
Van Rijssel, Tijs W.: *See*—
Lely, Jan A., and van Rijssel.
Van Riper, Juran W.: *See*—
Ramsey, Justin, and Van Riper.
Van Riper, Jurian W., Fairlawn, N. J. Extrusion apparatus. 2,543,679, Feb. 27.
Van Roggen, Mathieu: *See*—
Robin, Leo, and van Roggen.
Van Ryan, Anthony, South Milwaukee, Wis., assignor to McGraw Electric Company. Insulator bushing assembly. 2,564,181, Aug. 14.
Van Ryan, Anthony, South Milwaukee, Wis., assignor to McGraw Electric Company. Polyphase circuit interrupter. 2,567,411, Sept. 11.
Van Ryan, Anthony, South Milwaukee, Wis., assignor to McGraw Electric Company. Transformer and impregnation. 2,567,412, Sept. 11.
Van Ryan, Anthony, South Milwaukee, and C. Schindler, Wauwatosa, Wis., assignors to McGraw Electric Company. Circuit breaker. 2,555,168, May 29.
Van Ryan, Anthony, South Milwaukee, and C. Schindler, Wauwatosa, Wis., assignors to McGraw Electric Company. Automatic reclosing circuit breaker. 2,560,529, July 10.
Van Ryan, Anthony, South Milwaukee, and C. Schindler, Wauwatosa, Wis., assignors to McGraw Electric Company. Circuit interrupter. 2,560,831, July 17.
Van Ryan, Anthony, South Milwaukee, and M. Rigert, Milwaukee, Wis., assignors to McGraw Electric Company. Circuit testing repeating circuit breaker. 2,561,452, July 24.
Van Ryan, Anthony, South Milwaukee, and W. R. Harry, Milwaukee, Wis., assignors to McGraw Electric Company. Snap switch. 2,565,790, Aug. 28.
Van Ryan, Anthony, South Milwaukee, and W. R. Harry, Milwaukee, Wis., assignors to McGraw Electric Company. Expulsion gap construction. 2,567,413, Sept. 11.
Van Sant, Robert H., Alexandria, Va. Dispensing package. 2,553,071, May 15.
Van Schie, Robert, Grand Rapids, Mich. Sheet metal feeding device. 2,562,247, July 31.
Van Schoyck, Carl W., Waterloo, Iowa. Expansible and contractible wheel hub and clamping means therefor. 2,569,590, Oct. 2.
Van Sciver, Earl T., assignee: *See*—
Van Sciver, Edwin P.
Van Sciver, Edwin P., Philadelphia, assignor of one-third to E. T. Van Sciver, Glenside, and one-third to W. J. Van Sciver, Wynnewood, Pa. Automatic water heater for beverages. 2,568,474, Sept. 18.
Van Sciver, Wesley J., assignee: *See*—
Van Sciver, Edwin P.
Vanselow, Waldemar, and H. C. Yutzy, assignors to Eastman Kodak Company, Rochester, N. Y. Electrolytic diazo process. 2,541,488, Feb. 13.
Van Sickel, Ernest J.: *See*—
Sandberg, Ray A., and Van Sickel.
Van Sickle, Kenneth J., assignor to Papec Machine Company, Shortsville, N. Y. Pickup reel for harvesters. 2,548,329, Apr. 10.
Van Sittert, Paul, Shaker Heights, M. J. Garrett, University Heights, and J. H. Engeln, assignors to The Cleveland Pneumatic Tool Company, Cleveland, Ohio. Rivet feeder. 2,540,604, Feb. 6.
Van Sittert, Paul, Shaker Heights, and L. G. Speth, East Cleveland, Ohio, assignors, by mesne assignments, to Reed Roller Bit Company, Houston, Tex. Pressure fluid controlling device. 2,551,916, May 8.
Van Staagen, Eleanor R., Mount Vernon, N. Y. Apron. 2,568,421 Sept. 18.
Van Tassel, James, Santa Ana, Calif. Fence. 2,564,866, Aug. 21.
Van Tassell, Raymond D.: *See*—
Baker, Harold L., and Van Tassell.
Vantine, Harry, Jr., Dayton, Ohio. Parachute safety opener. 2,570,295, Oct. 9.
Vantlander, Edward, Astoria, N. Y., assignor to American Seal-Kap Corporation of Delaware, Wilmington, Del. Transfer means for thermoplastic caps, having means to heat said caps during transfer. 2,551,476, May 1.
Van Tol, Martinus: *See*—
Bourgonjon, Louis R., Horowitz, Kleis, Slooff, van Tol, and Unk.
Van Toll, John, Chicago, Ill. Combination pipe and lighter. 2,549,726, Apr. 17.
Van Toll, John, Chicago, Ill. Combination pipe and lighter. 2,549,727, Apr. 17.
Van Toorn, Cornelis H., assignor to N. V. Koninklijke Metaalwarenfabrieken v. h. J. N. Daalderop & Zonen, Tiel, Netherlands. Apparatus for reducing scale formation. 2,561,762, July 24.
Van't Spijker, Peter: *See*—
Houtman, Johannes P. W., Engel, Hoog, and van't Spijker.
Van Tuyl, John E., Cleveland, Ohio. Gaseous fuel burner and flame spreader. 2,549,347, Apr. 17.
Van Uden, Jules H. M., and G. D. Rieck, Eindhoven, Netherlands, assignors to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Flashlight lamp. 2,571,799, Oct. 16.
Van Urk, Arend T.: *See*—
De Boer, Kornelis, and van Urk.
Van Urk, Arend T., Eindhoven, Netherlands, assignor to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Coreless moving coil system for measuring instruments. 2,560,375, July 10.
Van Urk, Arend T., Eindhoven, Netherlands, assignor to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Coil system for nonlinear response of electrical instruments. 2,565,412, Aug. 21.
Van Urk, Arend T., Eindhoven, Netherlands, assignor to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Coil system for measuring instruments with nonlinear scales. 2,566,783, Sept. 4.
Van Urk, Arend T., Eindhoven, Netherlands, assignor to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Coreless moving coil system, more particularly for measuring instruments. 2,567,660, Sept. 11.

Van Uum, John H., Lakewood, B. Emming, Fairview Village, and C. W. Lohr, Cleveland, Ohio, assignors to The Cuyahoga Spring Company. Wall panel securing means. 2,562,754, July 31.
Van Valkenburgh, Edward A., Greene, N. Y. Composition of tall oil and aromatic oil and making it. 2,578,955, Dec. 18.
Van Valkenburgh, Edward A., New York, N. Y. Cure-activation compositions. 2,555,257, May 29.
Van Valkenburg, Mac E.: *See*—
Riblet, Henry J., and Van Valkenburg.
Van Veen, Anton, Canton Center, Conn. Hand-operated counter or tally. 2,572,784, Oct. 23.
Van Veersen, Gerardus J., The Hague, assignor to Rubber-Stichting, Delft, Netherlands. Preparation of cyclized rubber. 2,555,068, May 29.
Van Vessem, John, Cleveland, Ohio. Hunter's blind. 2,577,983, Dec. 11.
Van Vleck, Robert T., Fishkill, assignor to The Texas Company, New York, N. Y. 3-iodothianaphthene and picrate. 2,557,708, June 19.
Van Vleck, Robert T., Fishkill, assignor to The Texas Company, New York, N. Y. Preparing fluorothiophene. 2,562,994, Aug. 7.
Van Vleet, Danley M., Grand Ronde, Oreg. Safety means for unloading logging trucks while in transit. 2,565,748, Aug. 28.
Van Vliet, Paul D., and B. J. Homkes, Galesburg, assignors to Liquid Carbonic Corporation, Chicago, Ill. Draft arm for carbonated beverages. 2,543,390, Feb. 27.
Van Voorhees, Joan H., assignee: *See*—
Herod, Ray H.
Van Voorhis, Stanley N., Rochester, N. Y., assignor, by mesne assignments, to the United States of America as represented by the Secretary of War. Communication system. 2,567,862, Sept. 11.
Van Vulpen, John: *See*—
Lehane, Timothy J., Van Vulpen, and Vlaming.
Van Wambeck, Stanley H., Richmond Heights, Mo., assignor to the United States of America as represented by the Secretary of War. Generator testing device. 2,548,833, Apr. 10.
Van Weel, Adelbert: *See*—
Kleis, Derk, and van Weel.
Van Weel, Adelbert, Eindhoven, Netherlands, assignor to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Ultrahigh-frequency circuit arrangement comprising a discharge tube. 2,573,517, Oct. 30.
Van Weenen, Franciscus L.: *See*—
De Brey, Heinrich, and van Weenen.
Rinia, Herre, and van Weenen.
Rinia, Herre, de Brey, and van Weenen.
Van Weenen, Franciscus L., and W. H. Stigter, Eindhoven, Netherlands, assignors to Hartford National Bank and Trust Co., Hartford, Conn., as trustee. Wobbler drive mechanism. 2,561,000, July 17.
Van Westen, Hendrick A.: *See*—
Lolkema, Jan, van Westen, and Vlugter.
Van Wey, V. Ray, assignee: *See*—
Hayes, Paul V.
Van Wheel, Adelbert. Eindhoven, Netherlands, assignor to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Push-pull mixing circuit arrangement. 2,538,715, Jan. 16.
Van Winkle, John L.: *See*—
Morris, Rupert C., and Van Winkle.
Morris, Rupert C., Van Winkle, and Snider.
Van Winkle, Marshall, Jr., Oceanport, N. J. Socket wrench head and staking device. 2,538,343, Jan. 16.
Van Wyck, Peter, assignor to Hercules Powder Company, Wilmington, Del. Stabilization of ethyl cellulose. 2,561,892, July 24.
Van Wyck, Peter, assignor to Hercules Powder Company, Wilmington, Del. Ethyl cellulose stabilized with an organic copper salt. 2,561,893, July 24.
Van Wye, John R., assignor to The Baldwin Company, Cincinnati, Ohio. Tremolo switching circuits in electric musical instruments. 2,542,065, Feb. 20.
Van Yzeren, Ewoud A., Eindhoven, Netherlands, assignor, by mesne assignments, to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. High-frequency iron-cored coil. 2,544,195, Mar. 6.
Van Zee, Harry, Oskaloosa, Iowa. Mulcher attachment for plows. 2,568,572, Sept. 18.
Van Zelm, Willem D., Ruxton, and J. Sheleski, Baltimore, assignors to The Glenn L. Martin Company, Middle River, Md. Nose landing gear. 2,565,007, Aug. 21.
Van Zelst, Johannes J. Z., Eindhoven, Netherlands, assignor to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Amplifier circuit. 2,554,132, May 22.
Van Zomeren, William H., Kalamazoo, Mich. Drum type abrading device. 2,580,140, Dec. 25.
Van Zonneveld, Pieter: *See*—
Schoonenberg, Pancras, and van Zonneveld.
Vapo-Gas Consolidated, Inc., assignee: *See*—
Warriner, Lorron L.
Vaponefrin Company, assignee: *See*—
Miller, Hugh A.
Vapor Heating Corporation, assignee: *See*—
Clarkson, Alick.
Lehane, Timothy J., and Burgess.
Lehane, Timothy J., and Johnson.
Lehane, Timothy J., Haskett, and Johnson.
Lehane, Timothy J., Van Vulpen, and Vlaming.
Russell, Edward A., and Lehane.
Vapor Recovery Systems Company, The, assignee: *See*—
Lee, Joseph F.
Reeves, Pierce E.
Varabeau, Frederick G., Melfort, Saskatchewan, Canada. Tire and wheel assembly lifting device. 2,539,711, Jan. 30.
Varden, Lloyd E., assignor to Pavelle Color Incorporated, New York, N. Y. Photoelectric color analyzer. 2,544,196, Mar. 6.
Varela, Andrew A., Old Greenwich, Conn., and R. J. Schupp, Port Chester, assignors to American Cyanamid Company, New York, N. Y. Molded tableware articles and resins used to produce same. 2,579,985, Dec. 25.
Varela, Arthur A., Washington, D. C. Periodic high-volt age impulse generator. 2,542,066, Feb. 20.
Varela, Arthur A., Washington, D. C. Radio pulse communication system. 2,544,740, Mar. 13.
Varela, Arthur A., Washington, D. C. Expanding a received pulse radio signal. 2,544,741, Mar. 13.
Varela, Arthur A., Washington, D. C. Rectangular and saw-tooth impulse generator. 2,579,525, Dec. 25.
Varga, Andor, now by change of name André Varga, Ilkley, England, assignor to Carding Specialists (Canada) Limited, Toronto, Ontario, Canada. Carding engine. 2,560,013, July 10.
Varga, André: *See*—
Varga, Andor.
Varga, Andrew, assignor to Schutte and Koerting Company, Philadelphia, Pa. Magnetic coupling device. 2,567,863, Sept. 11.
Varga, Michael E., Baltimore, Md., assignor of 45 per cent to E. F. Hyatt, Shelbyville, Tenn. Combination pepper-and-salt shaker with two-piece bottom closure. 2,567,455, Sept. 11.
Vargo, John, Mishawaka, Ind. Collapsible baby carriage. 2,552,656, May 15.
Varian Associates, assignee: *See*—
Varian, Russell H.
Varian, Russell H.: *See*—
Hansen, William W., and Varian.
Varian, Russell H., Cupertino, assignor to Varian Associates, San Carlos, Calif. Correlating nuclear properties of atoms and magnetic fields. 2,561,490, July 24.
Varian, Russell H., Garden City, N. Y., assignor to The Sperry Corporation. Accelerometer. 2,554,512, May 29.
Varian, Russell H., Garden City, N. Y., assignor to The Board of Trustees of The Leland Stanford Junior University, Stanford University, Calif. Frequency and direction selective high-frequency transmission line apparatus. 2,566,386, Sept. 4.
Varian, Russell H., Garden City, and T. M. Ferrill, Jr., Hempstead, N. Y., assignors to The Sperry Corporation. Aircraft landing system. 2,536,112, Jan. 2.
Varian, Russell H., Bellmore, N. Y., and D. Packard, Palo Alto, assignors to The Board of Trustees of the Leland Standard Junior University, Stanford University, Calif. Thermionic vacuum tube and circuit. 2,558,021, June 26.
Varian, Sigurd F.: *See*—
Snow, Donald L., Varian, Dodd, and Hildebrand.
Variflame Corporation, The, assignee: *See*—
Woodruff, Henry S.
Varney, Fred M., Washington, D. C. Expendable puller. 2,543,078, Feb. 27.
Varo Mfg., Inc., assignee: *See*—
Holt, William J., Jr., and Jordan.
Holt, William J., Jr., and Whiteside.
Murray, Joseph J., Jr.
Smith, David J.
Vars, Ethan W., Duncannon, assignor, by mesne assignments, to George Harold Bell & Associates, York, Pa. Suspending, latching, and locking means for tail gates. 2,561,081, July 17.
Varsity Manufacturing Company, assignee: *See*—
Greenberg, Rosalind G.
Vartanian, Richard D., Bound Brook, N. J., assignor to American Cyanamid Company, New York, N. Y. Flame resistant and mildew resistant composition for cellulose fibers and fabrics. 2,536,988, Jan. 2.
Vasey, Charles H.: *See*—
Boon, William R., Carrington, and Vasey.
Vasileff, Natcho, Loch Arbour, and A. L. Alesi, Princeton, N. J., assignors to Research Corporation, New York, N. Y. Molding compositions and articles made therefrom. 2,541,896, Feb. 13.
Vasold, Samuel H., Bridgeport, Mich. Mixing and blending apparatus. 2,576,733, Nov. 27.
Vass, Eric B.: *See*—
Brailsford, Joseph D., and Vass.
Vass, William R., Roanoke, Va. Adjustable window frame. 2,560,752, July 17.
Vassakos, Leonidas A., New York, N. Y., assignor of one-third to C. Rosenthal, Teaneck, N. J., and one-third to A. Gurkin, Bronx, N. Y. Automatic variable feed attachment for shapers. 2,548,180, Apr. 10.

Vassar, Archie W., San Mateo, Calif., assignor of one-fourth to J. I. Dowell, Chillicothe, Mo., and one-fourth to D. E. Brydges, Lincoln, Nebr. Propeller construction for watercraft. 2,568,903, Sept. 25.
Vassel, Bruno, Toledo, Ohio, assignor to International Minerals and Chemical Corporation. Production of vegetable protein. 2,573,072, Oct. 30.
Vasselin, John F., Westford, assignor to H. E. Fletcher Company, West Chelmsford, Mass. Sheave construction. 2,577,547, Dec. 4.
Vasselli, Anthony J., Newark, N. J. Intermittent motion mechanism. 2,540,224, Feb. 6.
Vaterrodt, Peter, Rutherford, and R. E. Choyce, assignors to Botany Mills, Inc., Passaic, N. J. Lanolin alcohols from wool grease. 2,579,986, Dec. 25.
Vaughan, Arthur S., Jr., Short Hills, N. J., assignor to Foster Wheeler Corporation, New York, N. Y. Furnace. 2,540,149, Feb. 6.
Vaughan, David M., Jefferson County, assignor to Robbins Incubator Co., Denver, Colo. Air circulating and humidifying device. 2,571,173, Oct. 16.
Vaughan, Francis E., Pasadena, Calif. Compass. 2,543,138, Feb. 27.
Vaughan, Guy G., Norwalk, Ohio. Toy para-rocket. 2,568,475, Sept. 18.
Vaughan, James A., Marshalltown, Iowa. Spraying apparatus. 2,579,132, Dec. 18.
Vaughan, John T., assignor to The Ohio Crankshaft Company, Cleveland, Ohio. Simultaneous hardening of opposite surfaces of thin metallic members. 2,556,243, June 12.
Vaughan Mfg. Co., assignee: *See*—
La Forte, Michael J.
Vaughan, William E.: *See*—
Bell, Edward R., Rust, and Vaughan.
Harman, Denham, and Vaughan.
Lacomblé, Antoine E., Harman, and Vaughan.
Rust, Frederick F., Stiles, and Vaughan.
Vaughan, William E., and F. F. Rust, Berkeley, assignor to Shell Development Company, San Francisco, Calif. Terminally unsaturated polythio polyethers. 2,563,383, Aug. 7.
Vaughan, William E., Jr., New York, and J. C. Legler, Merrick, N. Y. Device for aligning sheets. 2,570,994, Oct. 9.
Vaughn, Albert E., Orange, N. J. Cuticle remover applicator. 2,550,890, May 1.
Vaughn, Albert E., Orange, N. J. Cosmetic powder container and dispenser. 2,562,073, July 24.
Vaughn, Charles C., Okmulgee, Okla. Cap attached pencil holder. 2,578,112, Dec. 11.
Vaughn, Harold G., assignor to The Ohio Corrugating Company, Warren, Ohio. Container with extensible spout and attaching means therefor. 2,545,178, Mar. 13.
Vaughn, Joseph J., Detroit, Mich., assignor, by mesne assignments, to McKee Door Company, Aurora, Ill. Door operating mechanism. 2,572,785, Oct. 23.
Vaughn Machinery Company, The, assignee: *See*—
McIlvried, Edwin J., and Nye.
Nye, Norman H.
Vaughn, Sidney P., San Diego, Calif. Sponge mop and holder therefor. 2,540,768, Feb. 6.
Vaughn, Thomas H.: *See*—
Hill, Eugene F., Smith, and Vaughn.
Jackson, Donald R., Langdon, and Vaughn.
Smith, Clifton E., and Vaughn.
Vaughn, William G. J., Haslemere, England. Frame changing structure in projectors using film strip. 2,567,499, Sept. 11.
Vautier, André, assignor to Societe Nationale de Constructions Aeronautiques du Sud-Est, Paris, France. Aerodynes equipped with reaction jet propulsion means. 2,557,522, June 19.
Vautrain, Lucien H.: *See*—
Strunk, Edward, and Vautrain.
Vavra, Marvin J., West Los Angeles, and W. J. Barnett, Venice, Calif. Support. 2,543,997, Mar. 6.
Vavrin, Frank A., Racine, Wis. Grinding block. 2,539,289, Jan. 23.
Vawter, Wilber W., Indianapolis, Ind. Chamfering tool. 2,571,395, Oct. 16.
Vazieux, Charles E. R., Saint-Mande, and L. H. Prouteau, Bagnolet, France. Rotary cutting tool for the fragmentation of wood and other fibrous substances. 2,564,551, Aug. 14.
Vazzano, Frank J., Nichols, Conn. Pitcher. 2,563,141, Aug. 7.
Veach, George W., Red Hook, N. Y. Spray nozzle. 2,569,081, Sept. 25.
Veal, Thomas G., and G. P. Waugh, assignors to Eastman Kodak Company, Rochester, N. Y. Polyvinyl azine sound track coating. 2,544,906, Mar. 13.
Veale, Charles C.: *See*—
Scott, Walter J., and Veale.
Veale, Frank E., Columbus, Ind. Backrest for automobiles. 2,547,350, Apr. 3.
Veatch, Franklin, and J. G. Partch, assignors to The Standard Oil Company, Cleveland, Ohio. Water-soluble lubricant of polyethylene glycol and a sulfonate. 2,553,601, May 22.
Veatch, Franklin, and J. G. Partch, assignors to The Standard Oil Company, Cleveland, Ohio. Machining fluid. 2,578,865, Dec. 18.
Veaux, Henri M., Saint-Leu-laForet, France. Multiplex system for telegraphic and radiotelegraphic transmission with decametric waves. 2,568,779, Sept. 25.
Vedder, William J., Syracuse, assignor to Oswego Falls Corporation, Fulton, N. Y. Bottle cap skirt contracting head. 2,541,001, Feb. 6.
Vedensky, Dmitri N., Oakland, Calif., and L. J. Bechaud, Jr., Hibbing, Minn., assignors to Hanna Coal and Ore Corporation. Treating a magnetic iron ore. 2,558,635, June 26.
Vee, Richard F.: *See*—
Smessaert, Raymond R., and Vee.
Veeder-Root Incorporated, assignee: *See*—
Bliss, Harney N.
Bliss, Harvey N., and Vroom.
Devanney, Raymond H.
Hoye, James B.
White, George W.
Veek, Philip A., Portland, Oreg. Emergency flare light. 2,543,079, Feb. 27.
Vee-Lox Rivet & Tool Corporation, assignee: *See*—
Valentin, Fred C.
Veenemans, Cornelis F., Eindhoven, Netherlands, assignor to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Electric discharge tube. 2,549,949, Apr. 24.
Veenis, Cornelis: *See*—
Gusdorf, Frederik H., and Veenis.
Veevers, John F., Lymm, and J. F. Thomas, Thelwall, assignors to The General Electric Company, Limited, London, England. Electrical indicating instrument. 2,543,680, Feb. 27.
Veit, William, Bronx, N. Y. Spirit level casing. 2,543,139, Feb. 27.
Veitch, Albert H.: *See*—
Hammerly, Herman J., and Veitch.
Veitch, George B. W., Inverness, Scotland. Machine for the manufacture of pile and tufted fabrics, rugs, and carpets. 2,564,631, Aug. 14.
Veldstra, Haaye, assignor to N. V. Amsterdamsche Chininefabriek, Amsterdam, Netherlands. Treatment of storage organs to control sprouting. 2,544,243, Mar. 6.
Veler, Louis G.: *See*—
Kellett, William R., and Veler.
Velkas, George, and N. S. Gardner, New York, N. Y. Doll head with simulated growing teeth. 2,556,304, June 12.
Vella, Salvatore, Albion, N. Y. Apparatus for digging and harvesting vegetables. 2,546,411, Mar. 27.
Vellinga, John, Elgin, assignor to The Dole Valve Company, Chicago, Ill. Thermostatic valve. 2,569,359, Sept. 25.
Velsicol Corporation, assignee: *See*—
Liesch, Le Roy W.
Peters, Carl F.
Veltman, John C., and W. O. Michelsen, St. Louis County, assignors to The Emerson Electric Mfg. Co., St. Louis, Mo. Case shift mechanism for typewriting machines. 2,547,895, Apr. 3.
Veltman, John C., St. Louis County, Mo., and W. O. Michelsen, Poughkeepsie, N. Y., assignors to The Emerson Electric Manufacturing Company, St. Louis, Mo. Type action for typewriting machines. 2,555,521, June 5.
Venaglia, Eugene J., assignee: *See*—
Du Bois, Hilyer A.
Venard, Robert M., Port Orchard, Wash. Pressure operated valved closure for collapsible tubes. 2,555,907, June 5.
Vendien, Ragnor E., assignor to M. K. Reynolds, Marquette, Mich. Sander. 2,553,432, May 15.
Venditty, Anthony, assignor to Crawford Door Company, Detroit, Mich. Upward acting door construction. 2,552,752, May 15.
Vendo Company, The, assignee: *See*—
Andrews, Boley A.
Andrews, Boley A., and Pro.
Andrews, Boley A., Shontz, and Johnson.
Young, Cyril C., and Troupe.
Vendomatic Machine Corporation, assignee: *See*—
Tandler, William S., and Walker.
Veneklasen, Paul S., Monrovia, assignor to Altec Lansing Corporation, Los Angeles, Calif. Shielded condenser microphone. 2,579,162, Dec. 18.
Venner, William M., Clayton, and P. L. Bowser, Jr., University City, Mo. Piston. 2,576,655, Nov. 27.
Venning, John, & Company Limited, assignee: *See*—
Venning, John D. E.
Venning, John D. E., assignor to John Venning & Company Limited, Alton, England. Air or gas relief valve. 2,544,476, Mar. 6.
Venning, John D. E., assignor to John Venning & Company Limited, Alton, England. Hydraulic reciprocating pump. 2,550,392, Apr. 24.
Venning, John D. E., assignor to John Venning & Company Limited, Alton, England. Automatic relief valve. 2,563,200, Aug. 7.
Vennootschap onder de firma Tomado, assignee: *See*—
Van der Togt, Jan.
Vennottschap onder firma Postma & Feenstra, assignee: *See*—
Würdemann, Wilhelm L. H. E.

Vensel, Isaiah W., Wilkinsburg, Pa., assignor to Westinghouse Air Brake Company. Emergency release for locking devices. 2,571,969, Oct. 16.
Venske, Harold H., Solvang, and H. R. Youngman, Monterey, Calif. Rabbit feeder. 2,537,494, Jan. 9.
Vent, Bruce R., La Grange, Ind. Optician's strap pliers. 2,552,021, May 8.
Vent Guard Company, assignee: *See*—
Zaske, Harold E.
Venters, Joseph J., Oklahoma City, Okla. Telephone dial index attachment. 2,546,483, Mar. 27.
Venters, Melissa M., Winston-Salem, N. C. Elevated ingredient dispenser having a rotary bottom discharge valve. 2,556,782, June 12.
Ventura, Gerard V., West Haven, Conn., assignor to Steelcraft Boats, Incorporated. Metal boat hull. 2,546,955, Mar. 27.
Venuti, Henry E., Newburgh, N. Y. Combination air duct and girder 2,569,910, Oct. 2.
Veon, Paul E., and J. K. Ryan, Beaver Falls, Pa. Casing supporting collapsible tube with means for extruding the tube's contents. 2,567,629, Sept. 11.
Verderber, Joseph, Cleveland, Ohio. Precision measuring device. 2,568,524, Sept. 18.
Verderber, Joseph, Cleveland, Ohio. Adjustable head for golf clubs. 2,571,970, Oct. 16.
Verderber, Joseph, Cleveland, Ohio. Angularly adjustable golf club and locking means therefor. 2,576,866, Nov. 27.
Verdery, Holcombe M., Jr., assignor to Nehi Corporation, Columbus, Ga. Bottle vending mechanism. 2,564,552, Aug. 14.
Verdick, Edmund J., and J. L. White, Annawan, Ill. Lever type tire bead loosening tool. 2,573,233, Oct. 30.
Verdier, Andrè L., Paris, France. Manufacture of chocolate. 2,543,209, Feb. 27.
Verdier Dufour, Jean F. M., Paris, France. Casting objects from magnesia cements. 2,545,323, Mar. 13.
Vereinigte Deutsche Metallwerke Aktiengesellschaft, assignee: *See*—
Burkhardt, Hans.
Vereschagin, Alex A., Orland, Calif. Apron movement for carry type scrapers. 2,548,754, Apr. 10.
Vergilio, Joseph H.: *See*—
Millendorf, Alfred J., Naragon, and Virgilio.
Naragon, Ernest A., Millendorf, and Vergilio.
Vergobbi, John G., assignor to Pneumatic Scale Corporation, Limited, Quincy, Mass. Bag forming machine. 2,577,386, Dec. 4.
Vergnaud, Paul, Melle, assignor to Les Usines de Melle (Societe Anonyme), Saint-Legerles-Melle, France. Fermentation process. 2,541,561, Feb. 13.
Verhagen, Christian M., Elkhart, Ind., assignor to The Adlake Company, Chicago, Ill. Window sash unit. 2,565,937, Aug. 28.
Verhagen, Christian M., Elkhart, Ind., assignor to The Adlake Company, Chicago, Ill. Sash construction. 2,570,169, Oct. 2.
Verhagen, Christian M., Elkhart, Ind., assignor to The Adlake Company, Chicago, Ill. Sash. 2,575,854, Nov. 20.
Verheggen, Albert J., Lodelinsart, assignor to Union des Verreries Mecaniques Belges, Société Anonyme, Charleroi, Belgium. Manufacture of patterned embossed glass. 2,573,518, Oct. 30.
Verheyden, Albert, St. Denijs-Westrem, Belgium. Electrolytic process of producing diacetone-keto-gulonic acid. 2,559,033, July 3.
Verheyden, Albert, St. Denijs-Westrem, Belgium. Electrolytic process of producing diacetone-keto-gulonic acid. 2,559,034, July 3.
Verheyden, James A., Oak Lawn, and F. Haloski, Chicago, Ill., assignors to Vacuum Can Company. Closure fastener for food storage containers. 2,547,183, Apr. 3.
Verheyen, Coenraad C., Eindhoven, Netherlands, assignor to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Corundum crystal recording or reproducing member. 2,564,136, Aug. 14.
Veri-Best Television Products, Inc., assignee: *See*—
Cretella, Joseph.
Verkins, Robert H., Minneapolis, Minn. Vehicle frame. 2,551,982, May 8.
Verley, Guy M., Chicago, Ill., assignor to Sinclair Refining Company, New York, N. Y. Catalytic cracking of hydrocarbons. 2,541,795, Feb. 13.
Vermeulen, Dirk: *See*—
Bergmans, Jan, and Vermeulen.
Vermeulen, Marc, and J. H. T. Le Drut, assignors to Luxema, S. A., Brussels, Belgium. Derivative of patuline and producing same. 2,552,606, May 15.
Vermillion, Lewis S., Pittsburgh, Pa. Dynamoelectric machine. 2,564,741, Aug. 21.
Verneaux, Jean E. P., assignor to S. A. Compagnie Industrielle des Machines Automatiques de Comptabilite, Paris, France. Number comparing device. 2,539,043, Jan. 23.
Verney, Jean L. F., Le Mans, France. Machine for cutting tubes and the like. 2,555,069, May 29.
Vernon, George W.: *See*—
Cornman, Guy L., G. L., Jr., and Vernon.
Vernon Tool Co. Ltd., assignee: *See*—
Haines, Marcus W.
Véron, Marcel, Neuilly-sur-Seine, France, assignor to The Babcock & Wilcox Company, Rockleigh, N. J. Apparatus for extraction of dust from gases by filtration. 2,564,316, Aug. 14.
Verrinder, Ernest A.: *See*—
Stilwell, Glenn E., and Verrinder.
Versosa, Guillermo M., Brooklyn, N. Y. Sounding whirling toy. 2,555,429, June 5.
Versoy, Irving R., New Haven, and P. E. Munger, Hamden, assignors to The Berger Brothers Company, New Haven, Conn. Colostomy belt. 2,556,891, June 12.
Vertiz, Francis, New York, N. Y. Fireproof cigarette holder. 2,548,689, Apr. 10.
Vervest, Wilhelmus L.: *See*—
Bergmans, Jan, and Vervest.
Vervest, Wilhelmus L., and G. H. Waarlé, Eindhoven, Netherlands, assignors to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Shaft control device. 2,547,184, Apr. 3.
Verschoor, Herman, Amsterdam, Netherlands, assignor to Shell Development Company, San Francisco, Calif. Segregating powdered materials into fractions of different particle sizes. 2,563,086, Aug. 7.
Verville, Lloyd J., Detroit, and F. F. Miller, Jr., Berkley, assignors to The Gear Grinding Machine Company, Detroit, Mich. Automatic locking means for rotary driven members. 2,573,939, Nov. 6.
Verwaltungsgesellschaft der Werkzeugmaschinenfabrik Oerlikon, assignee: *See*—
Lippert, Hanns, and Hepperle.
Müdespacher, Paul.
Verwey, Evert J. W.: *See*—
Haayman, Pieter W., Romeyn, and Verwey.
Verwey, Willard F.: *See*—
Hegarty, Charles P., and Verwey.
Verzal, Edward T., O'Neill, Nebr. Venetian blind cleaner. 2,541,448, Feb. 13.
Verzinkerei Bruder Bablik, assignee: *See*—
Bablik, Heinz.
Vesce, Joseph, Lynbrook, N. Y. Garment pocket. 2,557,709, June 19.
Veschio, Anthony P., Monessen, Pa. Fixture means for curtain and drapery hangers. 2,562,836, July 31.
Vesely, Jerome A.: *See*—
Pines, Herman, and Vesely.
Vesely, Jerome A., Evanston, assignor to Universal Oil Products Company, Chicago, Ill. Separation of thiophene by selective alkylation. 2,563,087, Aug. 7.
Vesta Underwear Company, assignee: *See*—
Sheridan, Edward A.
Vestal, Edwin C., Jr., U. S. Navy. Sawtooth voltage generator. 2,547,987, Apr. 10.
Vesterdal, Hans G., Elizabeth, N. J., assignor to Standard Oil Development Company. Reactivation of catalysts containing iron. 2,541,680, Feb. 13.
Vesterdal, Hans G., Elizabeth, N. J., assignor to Standard Oil Development Company. Synthesis of hydrocarbons. 2,553,433, May 15.
Vesterdal, Hans G., Elizabeth, N. J., assignor to Standard Oil Development Company. Further actiavting activated carbon. 2,556,859, June 12.
Veth, D. Giltay, curator in bankruptcy: *See*—
Malchus, Johannes A. C.
Vettel, Arthur W., Watsonville, Calif., assignor, by mesne assignments, to Kaiser Aluminum & Chemical Corporation. Making pebble-shaped magnesia refractory. 2,579,886, Dec. 25.
Vetter, Harry A., Seattle, Wash. Storage device. 2,541,848, Feb. 13.
Vetter, Herman J. and W. J., Calvary, Wis. Planting device. 2,554,604, May 29.
Vetter, Otto B., McKeesport, assignor to Hagan Corporation, Pittsburgh, Pa. Compensated measuring apparatus. 2,570,410, Oct. 9.
Vetter, Otto B., McKeesport, assignor to Hagan Corporation, Pittsburgh, Pa. Compensated specific gravity measuring device. 2,577,548, Dec. 4.
Vetter, Paul, assignee: *See*—
Georgeson, Albin M.
Vetter, Wilbur J.: *See*—
Vetter, Herman J. and W. J.
Vetorino, Joseph E., New Bedford, Mass. Extractor load breaker. 2,563,890, Aug. 14.
Vevier, Elwyn C., assignor to Vevier Loose Leaf Company, St. Louis, Mo. Locking assembly for loose-leaf binders. 2,553,886, May 22.
Vevier Loose Leaf Company, assignee: *See*—
Vevier, Elwyn C.
Veyret, Louis, assignor to La Cellophane, Paris, France. Device for developing photoreproductive papers. 2,542,381, Feb. 20.
Veyret, Louis, Neuilly-sur-Seine, and G. Geffroy, assignors to La Cellophane, Paris, France. Container folding machine. 2,542,379, Feb. 20.
Veyret, Louis, Neuilly-sur-Seine, and G. Geffroy, assignors to La Cellophane, Paris, France. Drafting instrument. 2,542,380, Feb. 20.
Veyret, Louis, Neuilly-sur-Seine, and G. Geffroy, assignors to La Cellophane, Paris, France. Carton forming machine. 2,551,186, May 1.
Veyret, Louis, Neuilly-sur-Seine, and G. Geffroy, assignors to La Cellophane, Paris, France. Drafting instrument. 2,551,187, May 1.

Veyret, Louis, and L. Pont, assignors to La Cellophane, Paris, France. Machine for developing heliographic papers. 2,563,666, Aug. 7.
Viale, Edmond A.: *See*—
Gardiner, Duncan B., and Viale.
Viall, George K., assignor to Chain Belt Company, Milwaukee, Wis. Sterilizing canned foods. 2,569,645, Oct. 2.
Vibranic Ltd., assignee: *See*—
Kassner, Ernst E. W.
Vibra-Sonic, Inc., assignee: *See*—
Volf, Christian A.
Vibro Dynamic Engineering Inc., assignee: *See*—
Smith, Edward W.
Vicard, Pierre G., Lyon, France. Heat generator comprising return means for moistened smoke and gas. 2,561,717, July 24.
Vicard, Pierre G., Lyon, France. Device for the treatment of gases. 2,579,282, Dec. 18.
Vicars T. & T. Limited, assignee: *See*—
Crosland, Edward M.
Vice, Ora E., Middletown, Ohio. Fishing sinker. 2,577,549, Dec. 4.
Vichnievsky, Rostislav, assignor, by mesne assignments, to Office National d'Etudes et de Recherches Aeronautiques, Paris, France. Measurement of pinking in internal-combustion engines. 2,543,141, Feb. 27.
Vick, Carl M., Jacksonville, Fla. Sculling oarlock and mounting clamp therefor. 2,550,625, Apr. 24.
Vick Chemical Company, assignee: *See*—
Jarowski, Charles I.
McCuiston, Robert E.
Vick, Millard, Portsmouth, Va. Bicycle seat height adjuster. 2,566,387, Sept. 4.
Vickerman, Wynn S., Ellensburg, Wash. Slidable and reversible jaw wrench, especially designed for work on different type rifle actions. 2,543,140, Feb. 27.
Vickers-Armstrongs Limited, assignee: *See*—
Daniels, Flavius K.
Dannatt, Cecil.
Firman, Reginald A.
James, Cecil B.
Jones, Lewis.
Nasmith, John I.
Nasmith, John I., and Kirby.
Oddy, Clifford G.
Pierson, Reginald K., and Firman
Wood, George.
Vickers, Arthur J., Cleveland, Ohio. Sling for small motors. 2,541,449, Feb. 13.
Vickers, Carroll B., Snyder, N. Y. Pressure regulator. 2,566,045, Aug. 28.
Vickers, Clyde L., Texas City, Tex. Piston ring. 2,554,758, May 29.
Vickers, Harry F., assignor to Vickers Incorporated, Detroit, Mich. Power transmission. 2,570,411, Oct. 9.
Vickers, Harry F., and W. J. McLean, assignors to Vickers Incorporated, Detroit, Mich. Swivel pipe joint. 2,541,311, Feb. 13.
Vickers, Herbert H., Union, N. J., assignor to Standard Oil Development Company. Splicing inner tubes. 2,556,305, June 12.
Vickers, Herbert H., Union, N. J., assignor to Standard Oil Development Company. Device for clamping inner tube stock. 2,556,306, June 12.
Vickers Incorporated, assignee: *See*—
Busson, Ambrose L.
Dietiker, John D.
Gardiner, Duncan B.
Gardiner, Duncan B., and Klessig.
Gardiner, Duncan B., Klessig, and Jeannin.
Gardiner, Duncan B., Klessig, and Keel.
Gardiner, Duncan B., and Readman.
Gardiner, Duncan B., and Viale.
Harrington, Ferris T.
Harrington, Ferris T., Martin, Elliott, and Haisen.
Herman, Kenneth R., and Tweedale.
Klessig, Ernst.
Kofron, Vernon K.
Lane, Albert M.
Nixon, Harley E.
Peters, Carl E.
Peters, Carl E., and Rau.
Robinson, James.
Saslaw, Otto.
Simonds, Paul.
Vickers, Harry F.
Vickers, Harry F., and McLean.
Vickers, Reginald J., The Plains, Va. Gate fastener. 2,554,759, May 29.
Vickery, Frederick W., Guildford, assignor to Vickerys Limited, London, England. Felt conditioner for use in paper-making. 2,544,572, Mar. 6.
Vickery, John R., York, assignor to Aircraft-Marine Products Inc., Harrisburg, Pa. Brazing machine. 2,549,868, Apr. 24.
Vickerys Limited, assignee: *See*—
Vickery, Frederick W.
Vico Products Company, assignee: *See*—
Maizel, Ben L., and Gerson.
Victaulic Company of America, assignee: *See*—
Frost, Raymond B.
Victor Adding Machine Co., assignee: *See*—
Mohan, Thomas O.
Victor, Bertram A., San Francisco, Calif. Card holder. 2,557,523, June 19.
Victor Chemical Works, assignee: *See*—
McDonald, Guy A.
Toy, Arthur D. F.
Woodstock, Willard H.
Victor Electric Products, Inc., assignee: *See*—
Spear, Walter A.
Victor Industries Corporation, assignee: *See*—
Palermo, Dominic J.
Victor Manufacturing & Gasket Co., assignee: *See*—
Kosatka, Thomas O.
Tomunak, John C.
Victor Metal Products Corporation, assignee: *See*—
Jecusco, Mark.
Muscat, Victor, and Temple.
Wnuk, Anthony F.
Victor, Samuel, Chicago, Ill.; now by judicial change of name, Sam Women Sam. Metal seamless tube table. 2,561,322, July 17.
Victor, Victor, Hempstead, N. Y. Gauge block. 2,536,401, Jan. 2.
Victoreen Instrument Company, assignee: *See*—
Victoreen, John A.
Victoreen Instrument Company, The, assignee: *See*—
Victoreen, John A.
Victoreen, John A., and Barton.
Victoreen, John A., assignor to The Victoreen Instrument Company, Cleveland, Ohio. Coin detecting and indicating apparatus. 2,540,063, Jan. 30.
Victoreen, John A., assignor to Victoreen Instrument Company, Cleveland, Ohio. Ionization chamber. 2,573,999, Nov. 6.
Victoreen, John A., assignor to Victoreen Instrument Company, Cleveland, Ohio. Ionization and vacuum tube chamber. 2,574,000, Nov. 6.
Victoreen, John A., and R. W. Barton, Cleveland, Ohio, assignors to The Victoreen Instrument Company. Geiger tube. 2,542,440, Feb. 20.
Victoria Machine Tool Company Limited, assignee: *See*—
Selby, James.
Victory, Frederick C., Milford, Conn., assignor to Moore Special Tool Co., Inc. Variable-speed drive. 2,557,849, June 19.
Victory, Frederick C., Milford, Conn., assignor to Moore Special Tool Co., Inc. Jig grinder. 2,559,180, July 3.
Victory, Thomas F., Woodside, N. Y., assignor to S. W. Farber, Inc. Thermal control for electrically heated appliances. 2,565,638, Aug. 28.
Vidal, Charles H., deceased, London, England; E. M. Vidal, executrix, assignor to Dacre Chucks Limited, London, England. Chuck. 2,553,990, May 22.
Vidal, Eileen M., executrix: *See*—
Vidal, Charles H.
Vidal, Leonardo J., Buenos Aires, Argentina. Portable book-record holder. 2,580,141, Dec. 25.
Vidales, Ernest, San Antonio, Tex. Adapter for radial grinding attachments. 2,572,220, Oct. 23.
Vidrick, Thomas J., and W. F. Karstens, Arlington Heights, Ill. Heated windshield wiper blade construction. 2,550,504, Apr. 24.
Viebrock, Carl H.: *See*—
Gray, Lawrence E., and Viebrock.
Viele, Sylvester M.: *See*—
Hofammann, Karl E., and Viele.
Vieno, Cecil A., Duluth, Minn. Soldering flux. 2,548,690, Apr. 10.
Vieriu, Daniel C., Chicago, Ill. Fish stringer. 2,552,877, May 15.
Vierling, John A., assignor to Brown & Bigelow, St. Paul, Minn. Selective writing instrument. 2,579,887, Dec. 25.
Vietas, Frank, Beford, assignor to A. R. Hyde & Sons Company, Cambridge, Mass. Protective pad for athletic shoes. 2,563,763, Aug. 7.
Viets, Walter, St. Louis, Mo. Ratchet type socket wrench. 2,537,175, Jan. 9.
Vietsch, William K.: *See*—
Richards, Robert R., and Vietsch.
Vietti, Battista A., Reno, Nev. Trip unit for automatic baling machines. 2,560,143, July 10.
Viewegh, John H., Indianapolis, Ind. Fan guard mounting. 2,542,735, Feb. 20.
Viewlex, Inc., assignee: *See*—
Perillo, Florindo J.
Viewmaster Corp., assignee: *See*—
Friess, Albert H.
Viganò, Gianni, Milan, Italy. Foldable spectacles. 2,537,248, Jan. 9.
Vigars, Sterling G., Royal Oak, assignor to General Motors Corporation, Detroit, Mich. Phase shift heat control for welders. 2,556,715, June 12.
Vigil, Bonancio, Capulin, Colo. Nail holding attachment for hammers. 2,574,304, Nov. 6.
Viglietta, Michael J., Elmhurst, assignor to Royal Mounters, Inc., Brooklyn, N. Y. Collapsible display holder. 2,562,590, July 31.
Vigmostad, Trygve: *See*—
Doty, Clifford B., and Vigmostad.
Lundberg, Everett E., and Vigmostad.
Vigmostad, Trygve, assignor to Briggs Manufacturing Company, Detroit, Mich. Foldable top for vehicle bodies. 2,560,496, July 10.

Vigneau, George F.: *See*—
Hodgson, James W., and Vigneau.
Vigneri, Giuseppe, Hoboken, N. J. Mechanical motor. 2,566,755, Sept. 4.
Vignos, James C., assignor to Ohio Ferro-Alloys Corporation, Canton, Ohio. Treatment of slags. 2,546,936, Mar. 27.
Vigorith, Anthony, Cincinnati, Ohio. Shoe construction. 2,554,075, May 22.
Vigren, Sten D., Stockholm, W. O. W. Broberg, Nynashamn, and E. M. Thielers, assignors to Telefonaktiebolaget L M Ericsson, Stockholm, Sweden. Excess-voltage arrester. 2,538,177, Jan. 16.
Vigren, Sten D., and N. E. F. Holmqvist, Stockholm, Sweden. Contact spring assembly or the like and producing the same. 2,574,134, Nov. 6.
Viken, John M., Devils Lake, N. Dak. Folding goose and duck decoy. 2,545,800, Mar. 20.
Viking Corporation, assignee: *See*—
Bendersky, David, Gage, and Yocum.
Viking Manufacturing Company, assignee: *See*—
Erickson, John A.
Vikon Tile Corporation, assignee: *See*—
Jensen, Charles J., Lawyer, and Simpson.
Viles, Prentiss S., Baytown, Tex., assignor, by mesne assignments, to Standard Oil Development Company, Elizabeth, N. J. Treatment of olefin-containing aromatic hydrocarbons with acid and alkali. 2,563,628, Aug. 7.
Viles, Prentiss S., Goose Creek, Tex., assignor, by mesne assignments, to Standard Oil Development Company, Elizabeth, N. J. Suppression of carbon formation and carburization in gas turbine and jet propulsion engines. 2,557,018, June 12.
Viles, Prentiss S., Goose Creek, Tex., assignor, by mesne assignments, to Standard Oil Development Company, Elizabeth, N. J. Use of sulfur in the suppression of carburizing in gas turbine and jet propulsion engines. 2,557,020, June 12.
Viles, Prentiss S., and D. C. Walsh, Jr., Goose Creek, Tex., assignors to Standard Oil Development Company. Suppression of corrosion. 2,550,434, Apr. 24.
Viles, Ralph K.: *See*—
Buckingham, Buhel B., and Viles.
Vilkomerson, Benjamin S., Camden, N. J., assignor to Radio Corporation of America. Discrete-interval tuning system and method. 2,555,522, June 5.
Villafañe, Pablo A., Maracaibo, Venezuela. Completion shoe. 2,545,504, Mar. 20.
Villani, Antonio, Milford, assignor to Draper Corporation, Hopedale, Mass. Shuttle threading block. 2,571,396, Oct. 16.
Villard, Oswald G., Jr., Palo Alto, Calif., assignor to the United States of America as represented by the Secretary of the Air Force. Single side-band signal generator. 2,576,429, Nov. 27.
Villarreal, Enrique, Mexico City, Mexico. Mechanical respiratory exerciser. 2,541,562, Feb. 13.
Villars, Julio, Versoix, Switzerland. Lifting device. 2,569,837, Oct. 2.
Villem, Raymond, Paris, France, assignor to Societe Francaise Radio Electrique. System of submarine sounding. 2,554,227, May 22.
Villeneuve, Louis J. A., Paris, France. Manufacturing hollow tools. 2,541,849, Feb. 13.
Villines, Elbert S., Lakin, Kans. Acidizing gas wells. 2,549,728, Apr. 17.
Villoresi, John: *See*—
Meincke, Edward, and Villoresi.
Vilter, Ernest F.: *See*—
Ramp, Charles K., and Vilter.
Vinal, Leroy W., Leominster, Mass., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Degating device for plastic molds. 2,570,613, Oct. 9.
Vincent, Carl, assignor of one-fourth to P. Pinsof, Chicago, Ill. Journal box guard. 2,580,370, Dec. 25.
Vincent, Dan B., Inc., assignee: *See*—
Vincent, Daniel B.
Vincent, Daniel B., assignor to Dan B. Vincent, Inc., Tampa, Fla. Citrus pulp foodstuff. 2,536,240, Jan. 2.
Vincent, Edward T., Ann Arbor, assignor to Continental Aviation & Engineering Corporation, Detroit, Mich. Pump. 2,555,619, June 5.
Vincent, Henri L. X., Malines, Belgium. Apparatus for refining fibrous materials. 2,536,332, Jan. 2.
Vincent, Jay C., Los Angeles, Calif. Garbage incinerator. 2,544,369, Mar. 6.
Vincent, Jesse G., Grosse Pointe Park, assignor to Packard Motor Car Company, Detroit, Mich. Transmission mechanism. 2,568,135, Sept. 18.
Vincent, John R.: *See*—
Sanders, Paul A., and Vincent.
Vincent, Joseph L., Chicago, Ill. Improved ball mount for fluid meter vanes. 2,579,987, Dec. 25.
Vincent, Kenneth I. C.: *See*—
Lombard, Adrian A., Vincent, and Morley.
Vincent, Le Roy J., St. Louis, Mo., assignor to American Steel Foundries, Chicago, Ill. Electrical accelerometer circuit. 2,574,361, Nov. 6.
Vincent, Marion, assignee: *See*—
Pfeifer, Charles F.
Vincent, Renic P., assignor to Stanolind Oil and Gas Company, Tulsa, Okla. Drilling. 2,544,573, Mar. 6.
Vincent, Willard V., assignor to The Lathrop-Paulson Company, Chicago, Ill. Conveyer wheel curve device. 2,580,054, Dec. 25.
Vinco Corporation, assignee: *See*—
Osplack, Joseph J.
Vine, Allyn C., Woods Hole, Mass., assignor to the United States of America as represented by the Secretary of the Navy. Apparatus for indicating ballast changes necessary to maintain submersed submarines in trim. 2,579,220, Dec. 18.
Vineberg, Joseph H., Ottawa, Ontario, Canada. Collapsible suitcase. 2,555,718, June 5.
Vineberg, Joseph H., Ottawa, Ontario, Canada. Collapsible box. 2,555,719, June 5.
Vinell, Per G., and B. H. Jernberg, Munkfors, Sweden. Machine for continuous polishing of wire or rods. 2,571,632, Oct. 16.
Vines, Lemuel R., Hayward, Calif. Wire-bending tool with work clamp. 2,554,350, May 22.
Vines, Lemuel R., Hayward, Calif. Form plate holder. 2,554,430, May 22.
Vines, Lemuel R., Hayward, Calif. Beam form kicker tie. 2,554,431, May 22.
Vines, Sterling N., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours and Company, Wilmington, Del. Production of lysine monohydrochloride. 2,579,283, Dec. 18.
Vingee, Raymond A., Stamford, Conn., assignor to Allied Chemical & Dye Corporation. Producing melamine. 2,550,659, Apr. 24.
Vingerhoets, Antonius W., Eindhoven, Netherlands, assignor to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Electromagnetic power-current relay. 2,540,558, Feb. 6.
Vingerhoets, Antonius W., Eindhoven, Netherlands, assignor, by mesne assignments, to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Milliampere-seconds relay for radiographic control systems. 2,545,247, Mar. 13.
Vingerling, Samuel E., assignor to Vingerling's Machinefabriek N. V., Rotterdam, Netherlands. Machine for filling molds with liquid chocolate. 2,576,054, Nov. 20.
Vingerling's Machinefabriek N. V., assignee: *See*—
Vingerling, Samuel E.
Vining, Henry L., Dallas, Tex. Pressure regulator for fuel lines. 2,572,786, Oct. 23.
Vining, Willard F., Chicago, and M. L. Rowe, Oak Park, Ill., assignors to Gerrard Steel Strapping Company. Automatic wire tying machine. 2,575,899, Nov. 20.
Vinson, Ralph A., Western Springs, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Apparatus for assembling and sealing glass and metal parts. 2,551,402, May 1.
Vinson, Walter L., Sherman Oaks, Calif. Device for regulating mixed fluid temperatures. 2,569,838, Oct. 2.
Vinten, Charles, and I. J. Dunningham, London, England. Automatically focusing camera, with special reference to cinema cameras. 2,577,494, Dec. 4.
Viol, Walter E., South Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Relay. 2,556,716, June 12.
Viola, Joseph A.: *See*—
Viola, Paul A. and J. A.
Viola, Paul A. and J. A., Bridegport, Conn. Draft controlling and back draft diversion damper device for furnaces. 2,557,210, June 19.
Violet, André E., Boulogne-Billancourt, France, assignor to International Standard Electric Corporation, New York, N. Y. Multiple frequency automatic tuning device. 2,541,128, Feb. 13.
Viratelle, Marcel, Paris, France. Power-propelling unit for bicycles. 2,554,605, May 29.
Virginia Carolina Chemical Corporation, assignee: *See*—
Hewett, Louis F., and Heinrichs.
Virginia Polytechnic Institute, assignee: *See*—
Hurt, Robert H.
Vischer, Alfred, III, assignee: *See*—
Vischer, Alfred, Jr.
Vischer, Alfred, Jr., Park Ridge, Ill., assignor, by mesne assignments, of twelve-thirtieths to A. Vischer, Jr., two-thirtieths to W. Vischer, two-thirtieths to A. Vischer, III, two-thirtieths to A. Vischer, Jr., as trustee, four-thirtieths to W. W. Zitzewitz, four-thirtieths to E. K. Zitzewitz, one-thirtieth to G. J. Zitzewitz, one-thirtieth to B. O. Zitzewitz, and two-thirtieths to G. V. Bouton. Pressure container and closure. 2,538,661, Jan. 16.
Vischer, Alfred, Jr., Park Ridge, Ill., assignor, by mesne assignments, of twelve-thirtieths to A. Vischer, Jr., two-thirtieths to W. Vischer, two-thirtieths to A. Vischer, III, two-thirtieths to A. Vischer, Jr., as trustee, four-thirtieths to W. W. Zitzewitz, four-thirtieths to E. K. Zitzewitz, one-thirtieth to G. J. Zitzewitz, one-thirtieth to B. O. Zitzewitz, and two-thirtieths to G. V. Bouton. Sterilizer. 2,548,691, Apr. 10.
Vischer, William, assignee: *See*—
Vischer, Alfred, Jr.
Visco Products Company, assignee: *See*—
Kirkpatrick, Willard H.
Kirkpatrick, Willard H., and Kocher.
Kirkpatrick, Willard H., and Wilson.
Kocher, Earl T.
Visconty, George J.: *See*—
Bergstrom, Eric V., and Visconty.

Visintainer, Alfred A.: *See*—
Johansen, Hans, and Visintainer.
Visking Corporation, The, assignee: *See*—
Adams, George M.
Freund, Gustav, II.
Pierce, Russell F.
Signer, Ralph J.
Signer, Ralph J., and Beal.
Visone, Joseph J., Brooklyn, assignor to Remington Rand Inc., New York, N. Y. Stud bearing. 2,546,801, Mar. 27.
Visor, Frederick C., assignor to Publicker Industries Inc., Philadelphia, Pa. Production of unsaturated acids. 2,577,829, Dec. 11.
Visos, Charles D.: *See*—
Huck, Alfred J., and Visos.
Vissat, Peter L., Louisville, Ky., assignor to Tube Turns, Inc. Self-centering support for heating means. 2,554,076, May 22.
Visser, Donald: *See*—
Dittmer, Karl, Goodman, and Visser.
Vistain, James E., Jr., assignor to Admiral Corporation, Chicago, Ill. Phonograph record player control. 2,536,477, Jan. 2.
Vistain, James E., Jr., asignor to Admiral Corporation, Chicago, Ill. Pickup arm. 2,568,671, Sept. 18.
Vistain, James E., Jr., assignor to Admiral Corporation, Chicago, Ill. Plural needle pickup apparatus. 2,578,866, Dec. 18.
Visugage, Inc., assignee: *See*—
Haatvedt, Ervin C.
VitaFreze Equipment, Inc., assignee: *See*—
Rasmusson, Marlin B.
Vitale, Guy W., Gould City, Mich. Game board for simulated naval games. 2,557,583, June 19.
Vitalis, Emil A., Springdale, Conn., assignor to American Cyanamid Company, New York, N. Y. Wetting and detergent composition. 2,562,154, July 24.
Vitalis, Emil A., Springdale, Conn., assignor to American Cyanamid Company, New York, N. Y. Wetting and detergent composition. 2,562,155, July 24.
Vitalis, Emil A., Springdale, Conn., assignor to American Cyanamid Company, New York, N. Y. Wetting and detergent composition. 2,562,156, July 24.
Vitalis, Emil A., Springdale, Conn., assignor to American Cyanamid Company, New York, N. Y. Wetting and detergent composition. 2,567,159, Sept. 4.
Vitarama Corporation, The, assignee: *See*—
Waller, Fred.
Waller, Fred, and Babish.
Waller, Fred, and Shields.
Vita-Rich Rice Process Ltd., assignee: *See*—
Fernandes, Daniel S.
Vítek, Hubert, Velke Mezirici, Czechoslovakia. Sawdust burning stove. 2,566,100, Aug. 28.
Viti, John G. M., Philadelphia, Pa., assignor to General Electric Company. Compound escapement with spring mounted mass. 2,570,170, Oct. 2.
Viti, John G. M., Philadelphia, and J. L. Lappin, Drexel Hill, Pa., assignors to General Electric Company. Resetting current trip mechanism. 2,542,736, Feb. 20.
Vitkovické Železárny Klementa Gottwalda Národní Podnik, assignee: *See*—
Doležal, Richard.
Vitoux, Marcel, Paris, France, assignor to American Vitos Company, Inc., New York, N. Y. Knitting needle. 2,536,478, Jan. 2.
Vitovsky, William F., Dallas, Tex. Multifaced stringed instrument. 2,550,176, Apr. 24.
Vitroseal Corp., The, assignee: *See*—
Foster, Arnot P., and Countryman.
Vittorio, Da Rin della M., Belluno, Italy, assignor to E. Darin, College Point, N. Y. Water-cock applicable to sinks, fountains, and the like. 2,551,072, May 1.
Vittum, Paul W.: *See*—
Weissberger, Arnold, Glass, and Vittum.
Vivian, Arthur C., assignor to Anglo-Iranian Oil Company Limited, London, England. Production of high-pressure pipes and vessels. 2,576,085, Nov. 20.
Vivie, Wilhelmus L. L., Eindhoven, Netherlands, assignor to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Cutting head of dry-shaving apparatus. 2,565,828, Aug. 28.
Vix, Henry L. E., J. J. Spadaro, E. F. Pollard, E. A. Gastrock, and R. M. Persell, New Orleans, La., and C. H. Murphy, Jr., Itta Bena, Miss., assignors to the United States of America as represented by the Secretary of Agriculture. Fractionation of cottonseed. 2,579,526, Dec. 25.
Vlad, John, and J. R. Fisher, Jr., assignors to The Commonwealth Engineering Company of Ohio, Dayton, Ohio. Reconditioning paper surfaces. 2,576,320, Nov. 27.
Vlahov, George, Lynbrook, N. Y. Occupant propelled roundabout. 2,537,176, Jan. 9.
Vlaming, Raymond J.: *See*—
Lehane, Timothy J., Van Vulpen, and Vlaming.
Vlasak, Joseph, Jr.: *See*—
Tillert, Edward, and Vlasak.
Vlasis, George, Milwaukee, Wis. Hat expander. 2,577,167, Dec. 4.
Vlček, Alois, Frystak, assignor to Bata, narodni podnik, Zlin, Czechoslovakia. Last for rubber footwear. 2,566,686, Sept. 4
Vloeberghs, Antoine, Antwerp, Belgium. Agglomerates of fuel and manufacture process. 2,567,136, Sept. 4.
Vltavský, Vladimír, Prague, Czechoslovakia. Electrically heated injection chamber. 2,566,101, Aug. 28.
Vltavský, Vladimír, Prague, Czechoslovakia. Hydraulic press. 2,568,042, Sept. 18.
Vlugter, Johannes C.: *See*—
Lolkema, Jan, van Westen, and Vlugter.
Vlugter, Johannes C., A. I. M. Keulemans, and M. 't Hart, Amsterdam, Netherlands, assignors to Shell Development Company, San Francisco, Calif. Synthesis of oxygenated compounds. 2,564,456, Aug. 14.
Voege, Harmon H., Indianapolis, Ind. Frame. 2,546,802, Mar. 27.
Voegtlin, Elmo N., Philadelphia, C. D. O'Neal, Glenside, and H. E. Johnston, assignors to Philco Corporation, Philadelphia, Pa. Tone-arm and trip-arm system for automatic phonographs. 2,577,051, Dec. 4.
Voelker, Edward H., Huntington Station, assignor to Republic Aviation Corporation, Farmingdale, N. Y. Access door and making and mounting the same. 2,576,734, Nov. 27.
Voelker, Edward M.: *See*—
Voelker, Jane E. and E. M., and Sabbagh.
Voelker, Henry H., assignor to Automatic Screw Products Company, Cleveland, Ohio. Preventing loss of cold air from refrigerated spaces. 2,558,997, July 3.
Voelker, Jane E. and E. M., New Salem, Mass., and J. W. Sabbagh, Jackson Heights, assignors to Inventors Enterprises, Inc., New York, N. Y. Adjustable chair. 2,549,869, Apr. 24.
Voelz, Harry H.: *See*—
Melcher, Walter P., and Voelz.
Voet, Andries, assignor, by mesne assignments, to J. M. Huber Corporation, New York, N. Y. Black printing inks. 2,580,205, Dec. 25.
Vogel, Charles A., Huntington, W. Va. Electrically heated floor mat. 2,544,547, Mar. 6.
Vogel, Charles J., Detroit, Mich., assignor to National Steel Corporation. Building construction. 2,574,074, Nov. 6.
Vogel, Edward, Baltimore, Md. Door hinge. 2,571,633, Oct. 16.
Vogel, Eugen, Emmenbrucke, Switzerland. Channeled doorframe. 2,558,636, June 26.
Vogel, Frank, assignor of one-third to A. H. Reef, Philadelphia, Pa. Snap hook. 2,571,971, Oct. 16.
Vogel, Frank J., Kansas City, Mo. Bag slitter. 2,576,492, Nov. 27.
Vogel, Fred, Woodside, N. Y. Paint and brush saver. 2,542,737, Feb. 20.
Vogel, Henry A., Milwaukee, Wis., assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Improving color and drying characteristics and similar properties of drying glyceride oils. 2,569,136, Sept. 25.
Vogel, Henry A., Milwaukee, Wis., assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Removing inhibitors from drying oils. 2,569,206, Sept. 25.
Vogel, Hilmond O.: *See*—
Harstick, William H., and Vogel.
Vogel, Julius F., Burkburnett, Tex. Auxiliary safety trailer hitch and stabilizer. 2,554,801, May 29.
Vogel, Lewis D., Rock Rapids, Iowa. Combination post hole digger and earth remover. 2,576,199, Nov. 27.
Vogel, Oliver G., and F. E. Kirk, Oak Park, assignors to Hotpoint Inc., Chicago., Ill. Electric hot plate. 2,565,443, Aug. 21.
Vogel, Paul C., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Foundry conveyer pan. 2,547,293, Apr. 3.
Vogel, Raymond H., assignor to Wingfoot Corporation, Akron, Ohio. Swingable vertical master brake cylinder. 2,541,312, Feb. 13.
Vogel, Rudolf, Bridgeport, Conn. Combination container and handle for razor blades, brushes, or the like. 2,570,412, Oct. 9.
Vogel, Rudolf, assignor to Neva-Clog Products, Inc., Bridgeport, Conn. Stapling plier. 2,574,988, Nov. 13.
Vogel, Walter, Santiago de Chile, Chile, assignor to Mavor & Coulson, Limited, Glasgow, S. E., Scotland. Apparatus for mining coal. 2,561,642, July 24.
Vogel, Walter, Santiago, Chile. Magnetic separator for obtaining magnetic particles from liquids. 2,564,515, Aug. 14.
Vogel, Walter, Santiago de Chile, Chile, assignor to Mavor & Coulson, Limited, Glasgow, Scotland. Anchoring device for coal and other mines. 2,566,003, Aug. 28.
Vogel, William E., assignor to Lighting Specialties, Inc., Los Angeles, Calif. Frame structure and support therefor. 2,546,530, Mar. 27.
Vogel, William M., Jr., Mendham, N. J., assignor to Standard Container Inc. Flexible hinge for boom sprayers. 2,564,041, Aug. 14.
Vogelsang, George K.: *See*—
Novotny, Emil E., and Vogelsang.
Novotny, Emil E., Vogelsang, and Novotny.
Novotny, Ernest E., and Vogelsang.
Vogelsang, George K., La Mott, Pa., assignor to The Borden Company, New York, N. Y. Nitrogenous resins from ketone-aldehyde-nitrogenous base and phenol-aldehyde. 2,576,735, Nov. 27.
Vogelsang, Phelps: *See*—
Hale, William J., and Vogelsang.

Vogelsang, William E., Youngstown, assignor to W. B. Harpman, Poland, Ohio. Chair bumper. 2,538,634, Jan. 16.
Vogelsberg, Walter H., Wayne, assignor to Proctor Electric Company, Philadelphia, Pa. Electrical heating unit. 2,569,121, Sept. 25.
Vogogas, Ltd., assignee: *See*—
Von Gonzenbach, Federico.
Vogt, Curt G., Union, N. J., assignor to General Aniline & Film Corporation, New York, N. Y. Fluorenonylamino anthraquinone acid dyestuffs. 2,564,654, Aug. 14.
Vogt, Henry, Machine Company, assignee: *See*—
Edmonds, Eugene A.
Fulkerson, Archie P.
Williams, Jesse D., Jr.
Vogt, Lucien E., West Roxbury, assignor to Farrington Manufacturing Company, Boston, Mass. Printing and identification device. 2,538,137, Jan. 16.
Vogt, Richard, Hamburg, Germany. Twisted wing tip fin for airplanes. 2,576,981, Dec. 4.
Vogt, Rudolph B., assignor to The E. W. Buschman Company, Cincinnati, Ohio. Conveyer trolley. 2,556,487, June 12.
Voices, Inc., assignee: *See*—
Cohn, David, and Kusold.
Voight, August L., Berea, Ohio. Comb. 2,564,239, Aug. 14.
Voight, George F., El Cerrito, assignor to A. L. Ruff, Oakland, Calif. Cutting and scraping tool. 2,580,142, Dec. 25.
Voightlander & Sohn Aktiengesellschaft, assignee: *See*—
Tronnier, Albrecht W.
Voigt, Adolf F.: *See*—
Spedding, Frank H., and Voigt.
Voigt, Hans W., Westfield, Tex. Jack. 2,558,401, June 26.
Voigt, Herbert L., and R. W. Gerlach, assignors to Geuder Paeschke & Frey Co., Milwaukee, Wis. Locking device for folding ironing table legs. 2,562,074, July 24.
Voigt, Johnston S., assignor to Nash-Kelvinator Corporation, Kenosha, Wis. Intermediate speed gear synchronizer. 2,556,860, June 12.
Voigt, Herbert L., assignor to Geuder, Paeschke & Frey Co., Milwaukee, Wis. Load retaining means for industrial vehicles. 2,566,863, Sept. 4.
Voigt, Max T., Reading, assignor to American Safety Table Co., Inc., Mohnton, Pa. Electric power transmission for sewing machines. 2,536,860, Jan. 2.
Voigt, Paul A., Bellerose, assignor to Johns-Manville Corporation, New York, N. Y. Growing bench. 2,545,717, Mar. 20.
Voigt, Robert H., Detroit, Mich. Portable public address system. 2,572,221, Oct. 23.
Voigtman, Edward H., and J. C. Bletzinger, assignors to Paper Patents Company, Neenah, Wis. Waterproofing and flameproofing paper. 2,553,154, May 15.
Voirol, Amos E.: *See*—
Reynolds, Donald S., Hooker, and Voirol.
Vokes, Cecil G., assignor to Vokes Limited, Guildford, England. Filter. 2,544,244. Mar. 6.
Vokes, Cecil G., assignor to Vokes, Limited, Guildford, England. Filter. 2,575,900, Nov. 20.
Vokes, Gordon H., assignor to Vokes Limited, Guildford, England. Dust collector filter. 2,575,148, Nov. 13.
Vokes Limited, assignee: *See*—
Vokes, Cecil G.
Vokes, Gordon H.
Volckhausen, Walter J., Teaneck, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Takeup reel mechanism. 2,577,168, Dec. 4.
Voleau, Jules, Boulogne-sur-Seine, assignor to L'Air Liquide, Societe Anonyme pour l'Etude et l'Exploitation des Procedes Georges Claude, Paris, France. Liquid level indicator. 2,542,168, Feb. 20.
Volenec, Emil, and F. C. Kohagen, Minneapolis, Minn.; said Kohagen assignor to Volenec. Aerator for minnow buckets. 2,560,672, July 17.
Volf, Christian A., Beverly Hills, Calif., assignor to Vibra-Sonic, Inc. Cubic loud-speaker cabinet. 2,544,742, Mar. 13.
Volff, Charles L., Montreal, and J. Hammerslag, Outremont, Quebec, Canada, assignors to L'Air Liquide Societe Anonyme Pour l'Etude et l'Exploitation des Procedes Georges Claude, Paris, France. High-frequency unit for inert gas arc welding. 2,574,514, Nov. 13.
Volk, Jacob: *See*—
Frans, Joseph, Volk, and Weth.
Volk, Joseph A., Wilton, Conn. Recording weight and price scale. 2,549,752, Apr. 17.
Volkers & Schaffer, Inc., assignee: *See*—
Volkers, Walter K.
Volkers, Walter K., Schenectady, N. Y., assignor to Volkers & Schaffer, Inc. Self-focusing, direct-coupled, even stage amplifier. 2,538,487, Jan. 16.
Volkers, Walter K., Schenectady, N. Y., assignor to Volkers & Schaffer, Inc. Self-focusing direct-coupled amplifier. 2,538,488, Jan. 16.
Vollman, Joseph, and H. Gunther, assignors to The Singer Manufacturing Company, Elizabeth, N. J. Label sewing machine. 2,548,692, Apr. 10.
Vollmer, Benno M., Waukegan, Ill. Adjustable door stay. 2,550,626, Apr. 24.
Vollmer, John, Springdale, Conn. Apparatus for feeding, severing, stripping, and bending hooked wire leads. 2,571,078, Oct. 9.
Vollmer, John J.: *See*—
White, John W., and Vollmer.
Vollrath, Joseph P., North Wales, Pa., assignor, by mesne assignments, to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Gas analyzing apparatus. 2,556,832, June 12.
Vollweiler, Hans, assignor of one-half to S. Lichtstern, New York, N. Y. Combination bag and sunshade. 2,554,688, May 29.
Volochine, Theodore, Paris, France. Thermoelectric radiation receiver. 2,565,105, Aug. 21.
Volpin, Alexander S., Houston, Tex. Automatic sealing gate valve. 2,570,413, Oct. 9.
Volpin, Alexander S., Houston, Tex. Lubricated plug valve. 2,572,894, Oct. 30.
Volupte, Inc., assignee: *See*—
Felsch, John.
Volz, Charles F., Baltimore, Md. Football side line marker. 2,576,321, Nov. 27.
Volz, Philip E., Orange, N. J., assignor, by mesne assignments, to Pierce Company, Providence, R. I. Automatic phasing in facsimile systems. 2,537,610, Jan. 9.
Vonada, Edwin E., Cleveland, Ohio. Electrolytic method and apparatus for cleaning strip. 2,556,017, June 5.
Von Adelung, Archibald B., Berkeley, Calif. Spring mounted means. 2,553,021, May 15.
Von Allmen, Samuel, and H. Eggenberger, assignors to Sandoz Ltd., Basel, Switzerland. Dyestuffs of the anthraquinone series and their manufacture. 2,541,623, Feb. 13.
Von Allmen, Samuel, E. Gutzwiller, and J. Günthart, assignors to Sandoz, A. G., Basel, Switzerland. Dyestuffs of the anthraquinone series. 2,559,330, July 3.
Von Arx, William V., La Crescent, Minn. Pendulum level indicator. 2,554,133, May 22.
Von Baeyer, Hans J., Baden, assignor to "Patelhold" Patentverwertungs- & Elektro-Holding A.-G., Glarus, Switzerland. Microwave generator. 2,579,630, Dec. 25.
Von Beck, George C., San Diego, Calif. Level winding means for fishing reels. 2,564,086, Aug. 14.
Von Behren, Robert A., Valparaiso, Ind., assignor to The Indiana Steel Products Company, Chicago, Ill. Electromagnetic transducer head and energizing circuit therefor. 2,539,876, Jan. 30.
Von Behren, Robert A., Valparaiso, Ind., assignor to The Indiana Steel Products Company, Chicago, Ill. Electromagnetic transducer head assembly. 2,574,898, Nov. 13.
Von Békésy, Georg, Cambridge, Mass. Apparatus for drawing psychological-physiological curves (audiometer, etc.). 2,563,384, Aug. 7.
Von Bolhar, Edgar, Sausalito, assignor to Yuba Manufacturing Company, San Francisco, Calif. Shaft seal. 2,547,185, Apr. 3.
Von Bramer, Harold, J. E. Magoffin, and M. Clemens, Kingsport, Tenn., assignors to Eastman Kodak Company, Rochester, N. Y. Reducing nitroanilines. 2,578,328, Dec. 11.
Von Bredow, Hans D., Hartland, Wis. Visual indicating device for vehicles. 2,573,127, Oct. 30.
Von Canon, Paul L., West End, N. C. Corner joint structure for knockdown boxes. 2,551,775, May 8.
Von Dardel, Georges E.: *See*—
Larsson, Frans T. and F. A., von Dardel, and Nettelbladt.
Vondersmith, Philip G., assignee: *See*—
Garratt, Walter A.
Von Doenhoff, Carl, assignor to The Carborundum Company, Niagara Falls, N. Y. Abrasive article bonded with a methyl pentadiene synthetic elastomer and manufacturing the same. 2,552,500, May 8.
Von Doenhoff, Phyllis: *See*—
Ries, Kernell G., Robie, and von Doenhoff.
Von Duyke, Harrison M., assignor to New Dictatype Company, Incorporated, Wilmington, Del. Friction devices for stenographic typewriter platens. 2,561,453, July 24.
Von Duyke, Harrison M., Wilmington, Del., assignor to Von Evan, Inc., Avondale, Pa. Condiment dispenser with discharge openings through the upper rim of a container and covered by a lid portion. 2,566,004, Aug. 28.
Von Edeskuty, Joseph J., Minneapolis, and J. F. Zalar, St. Paul, Minn., assignors to General Mills, Inc. Starch gluten separation. 2,555,908, June 5.
Von Evan, Inc., assignee: *See*—
Von Duyke, Harrison M.
Von Fraunhofer, Hans, London, England. Color cinematography. 2,561,299, July 17.
Von Fraunhofer, Hans, Finchley, London, and H. E. Coote, London, England. Color photography. 2,568,208, Sept. 18.
Von Fuchs, George H., Wood River, Ill., assignor to Shell Development Company, San Francisco, Calif. Metal coating and oil finishing composition therefor. 2,573,940, Nov. 6.
Von Glahn, William H., Loudonville, and L. N. Stanley, Delmar, assignors to General Aniline & Film Corporation, New York, N. Y. Diazotype layers containing resorcinol derivatives. 2,536,989, Jan. 2.

Von Glahn, William H., Loudonville, and L. N. Stanley, Delmar, assignors to General Aniline & Film Corporation, New York, N. Y. Diazotype layers having cyan acetyl amides as azo components. 2,537,001, Jan. 2.

Von Glahn, William H., Loudonville, and L. N. Stanley, Delmar, assignors to General Aniline & Film Corporation, New York, N. Y. Poly-acetoacetyl derivatives of poly-amines as azo components in diazotype photoprinting material. 2,537,106, Jan. 9.

Von Glahn, William H., Loudonville, and L. N. Stanley, Delmar, assignors to General Aniline & Film Corporation, New York, N. Y. Diazotypes containing aldehyde reaction products of dihydroxy aryl compounds. 2,541,727, Feb. 13.

Von Glahn, William H., Loudonville, and L. N. Stanley, Delmar, assignors to General Aniline & Film Corporation, New York, N. Y. Diazotypes containing thiobarbituric acid. 2,542,848, Feb. 20.

Von Glahn, William H., Loudonville, and L. N. Stanley, Delmar, assignors to General Aniline & Film Corporation, New York, N. Y. Diazotypes containing pyronones. 2,542,849, Feb. 20.

Von Glahn, William H., Loudonville, and L. N. Stanley, Delmar, assignors to General Aniline & Film Corporation, New York, N. Y. Diazotypes containing 4-oxyquinolone-2 derivatives. 2,542,850, Feb. 20.

Von Glahn, William H., and L. N. Stanley, Albany, assignors to General Aniline & Film Corporation, New York, N. Y. Diazotypes containing resorcinol sulfonic acids as coupling components. 2,545,057, Mar. 13.

Von Glahn, William H., Loudonville, and L. N. Stanley, Delmar, assignors to General Aniline & Film Corporation, New York, N. Y. Diazotypes containing 6-hydroxy-1,3-benzoxathiolone-2 and its derivatives. 2,547,843, Apr. 3.

Von Glahn, William H., Loudonville, and L. N. Stanley, Delmar, assignors to General Aniline & Film Corporation, New York, N. Y. Azo dye components of the amino naphthol series for diazotypes. 2,551,570, May 1.

Von Glahn, William H., Loudonville, and L. N. Stanley, Delmar, assignors to General Aniline & Film Corporation, New York, N. Y. Diazotype layers containing diazos of N-(2 - hydroxypropyl)-phenylenediamines. 2,552,354, May 8.

Von Glahn, William H., Loudonville, and L. N. Stanley, Delmar, assignors to General Aniline & Film Corporation, New York, N. Y. Diazotype layers having organic esters and nitriles containing an active methylene group as azo components. 2,552,355, May 8.

Von Glahn, William H., Loudonville, and H. A. Bergstrom, Albany, assignors to General Aniline & Film Corporation, New York, N. Y. Azo dyes produced by coupling a diazonium compound with 4-cyano-2.5-dialkoxyacetoacetanilides. 2,559,181, July 3.

Von Glahn, William H., Loudonville, and L. N. Stanley, Delmar, assignors to General Aniline & Film Corporation, New York, N. Y. Diazotype photoprinting materials containing colloidal silica. 2,566,709, Sept. 4.

Von Gonzenbach, Federico, assignor to Vogogas, Ltd., Lucerne, Switzerland. Dry ash removal for gas producer. 2,572,543, Oct. 23.

Von Gunten, Edward G., Akron, Ohio. Collapsible umbrella. 2,571,634, Oct. 16.

Von Gunten, Edward G., Akron, Ohio. Garment hanger. 2,571,635, Oct. 16.

Von Gunten, Leo J., Clinton, assignor to Wingfoot Corporation, Akron, Ohio. Producing tear-tape construction. 2,554,160, May 22.

Von Haase, Anthony, Cleveland, Ohio. Flashlight having an angularly adjustable lamp carrier and hood. 2,564,412, Aug. 14.

Von Heidenstam, Erik J.: *See*—
Bödcher, Herman F. V., and von Heidenstam.

Von Hippel, Arthur, Weston, and M. C. Bloom, Newton Highlands, Mass., assignors to Federal Telephone and Radio Corporation, New York, N. Y. Rectifier manufacturing process and product obtained thereby. 2,568,780, Sept. 25.

Von Hippel, Arthur, Weston, M. C. Bloom, Newton Highlands, Mass., and J. H. Schulman, Washington, D. C., assignors to Federal Telephone and Radio Corporation, New York, N. Y. Radiation-sensitive cells and making same. 2,572,079, Oct. 23.

Von Hofe, George W., Bound Brook, assignor to New Jersey Machine Corporation, Hoboken, N. J. Label applying mechanism. 2,578,329, Dec. 11.

Von Hofe, George W., Bound Brook, and H. A. Nefzger, Hackensack, assignors to New Jersey Machine Corporation, Hoboken, N. J. Mechanism for applying labels. 2,579,631, Dec. 25.

Von Hohenleiten, Harry L.: *See*—
Wolf, Edgar F., and von Hohenleiten.

Von Holtz, Charles T., assignor to Harvey Hubbell, Inc., Bridgeport, Conn. Electrical receptacle with safety closure. 2,545,536, Mar. 20.

Von Holtz, Charles T., assignor to Harvey Hubbell, Inc., Bridgeport, Conn. Safety receptacle. 2,553,837, May 22.

Von Hoorn, Fred G., Nichols, Conn., assignor to General Electric Company. Spacing device for renewable fuses. 2,563,566, Aug. 7.

Vonich, John P.: *See*—
Page, Earl B., and Vonich.

Von Kohorn, Henry, Scarsdale, N. Y. Apparatus for the handling of yarn. 2,570,172, Oct. 2.

Von Kohorn, Henry, Scarsdale, N. Y. Producing yarn. 2,570,173, Oct. 2.

Von Kohorn, Henry, Westchester County, N. Y. Thread advancing reel. 2,578,330, Dec. 11.

Von Kohorn, Henry and R. S., New York, N. Y. Manufacture of crimped filaments. 2,548,181, Apr. 10.

Von Kohorn, Henry and R. S., New York, N. Y. Deaeration apparatus. 2,570,171, Oct. 2.

Von Kohorn, Ralph S.: *See*—
Von Kohorn, Henry and R. S.

Von Mehren, Oswald: *See*—
Baker, Benjamin P., and von Mehren.
Friedrich, Robert E., and von Mehren.

Von Mehren, Oswald, Lorain, Ohio, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Circuit interrupter. 2,539,213, Jan. 23.

Von Mehren, Oswald, Lorain, Ohio, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Circuit breaker. 2,554,281, May 22.

Vonnegut Hardware Company, assignee: *See*—
Eichacker, Homer.

Vonnegut Moulder Corporation, assignee: *See*—
Newton, Herman S.

Von Ohlsen, Louis H., Hamden, assignor to The Safety Car Heating & Lighting Co., Inc., New Haven, Conn. Generator control for battery charging systems. 2,577,094, Dec. 4.

Von Pein, Edward J., Dayton, Ohio. Fishing reel. 2,573,074, Oct. 30.

Von Pentz, Benjamin H., Valley Stream, N. Y. Oil filter. 2,577,169, Dec. 4.

Von Platen, Baltzar C., assignor, by mesne assignments, to Aktiebolaget Elektrolux, Stockholm, Sweden. Absorption refrigeration. 2,548,921, Apr. 17.

Von Reis, Gustav: *See*—
Kaplan, Leo I., and von Reis.

Von Rotz, Robert, Manhasset, N. Y., assignor to The Dayton Pump & Manufacturing Company, Dayton, Ohio. Diaphragm pump. 2,576,200, Nov. 27.

Von Saspe, Henry C., Bound Brook, assignor, by mesne assignments, to Worthington Pump and Machinery Corporation, Harrison, N. J. Slump meter for truck concrete mixers. 2,543,883, Mar. 6.

Von Schlegell, Frederick, Pasadena, Calif. Hydraulic operating system for mowing machines. 2,569,507, Oct. 2.

Von Schulthess, Martin, Zurich, Switzerland. Apparatus for producing metal compounds by electrolysis. 2,552,753, May 15.

Von Seggern, Roy D., Los Angeles, Calif. Pneumatic saw and the like. 2,555,018, May 29.

Von Soden, Adolph F., Los Angeles, Calif. Multiple sound recording and reproducing apparatus. 2,575,570, Nov. 20.

Von Stoeser, Walter, Chicago, Ill., assignor to R. T. Moloney. Magnetic ball activator. 2,574,721, Nov. 13.

Von Stoeser, Walter, Lake Villa, assignor, by mesne assignments, to Moco Products, Inc., Chicago, Ill. Snap switch. 2,551,714, May 8.

Von Stoeser, Walter, assignor to The Rudolph Wurlitzer Company, North Tonawanda, N. Y. Cup dispensing mechanism. 2,559,690, July 10.

Von Stwolinski, Helmuth, recte Müller-Stwolinski, Salzburg-Maxglan, Austria. Spooled film developer box. 2,576,493, Nov. 27.

Von Voss, Tage, deceased, Stockholm, Sweden, by V. Wetterström, administrator, Stockholm, Sweden. Double camera for still and motion pictures. 2,541,796, Feb. 13.

Von Zimmermann, Max K., Trenton, N. J. System for automatically transmitting and receiving telephone messages. 2,549,548, Apr. 17.

Voorhees, Daniel W., Quincy, Ill. Bolster construction for vehicle undercarriages. 2,560,144, July 10.

Voorhees, Vanderveer: *See*—
Smith, Everet F., and Voorhees.

Voorhees, Vanderveer, Homewood, assignor to Standard Oil Company, Chicago, Ill. Fluidized solids transfer. 2,536,402, Jan. 2.

Voorhees, Vanderveer, Homewood, assignor to Standard Oil Company, Chicago, Ill. Regenerating alcohol-caustic solution. 2,538,287, Jan. 16.

Voorhees, Vanderveer, Homewood, assignor to Standard Oil Company, Chicago, Ill. Submarine marker with sonic signal generators. 2,545,179, Mar. 13.

Voorheis, Joseph T., Piedmont, assignor to The Coen Company, San Francisco, Calif. Temperature responsive control for fuel oil heaters. 2,557,327, June 19.

Voorhies, Alexis: *See*—
Buchmann, Fred J., and Voorhies.

Voorhies, Alexis, Jr., Baton Rouge, La. assignor to Standard Oil Development Company. Lubricating oil manufacture. 2,554,282, May 22.

Voorhies, Alexis, Jr., Baton Rouge, and R. W. Krebs, East Baton Rouge, La., assignors to Standard Oil Development Company. Hydrocarbon synthesis plant. 2,556,861, June 12.

Voorhies, Carl, Birmingham, Mich., assignor to Eaton Manufacturing Company, Cleveland, Ohio. Hydraulic tappet. 2,539,877, Jan. 30.

Voorthuis, Heino T.: *See*—
De Nie, Willem L. J., and Voorthuis.
Van Dijk, Christiaan P., and Voorthuis.

Voorthuis, Heino T., Amsterdam, Netherlands, assignor to Shell Development Company, San Francisco, Calif. Stabilized compositions containing high molecular weight halogenated materials. 2,555,169, May 29.
Voos, Frederick A., Newark, N. J. Pull-tape dispensing device. 2,543,681, Feb. 27.
Vore, Herbert G.: *See*—
Allen, Kenneth R., and Vore.
Vore, Herbert G., Forest Hills, N. Y., assignor to American Seal-Kap Corporation of Delaware, Wilmington, Del. Capping machine with cap heating and cap transfer means. 2,551,477, May 1.
Vore, Milton P.: *See*—
Kroft, Herbert M., and Vore.
Vore, Milton P., and M. J. Gelpi, Baltimore, Md., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Electrical strain measuring apparatus. 2,579,632, Dec. 25.
Voripaieff, Alexander N., Jackson Heights, N. Y. Fluid control apparatus. 2,563,978, Aug. 14.
Voris, Robert S., assignor to Hercules Powder Company, Wilmington, Del. Manufacture of DDT. 2,580,335, Dec. 25.
Vorperian, Hrand: *See*—
Gabrielsen, Christian, and Vorperian.
Vörts, Svend Aa.: *See*—
Böckman, Marius F. D., and Vörts.
Vorwerk, Paul, assignee: *See*—
Hansen, Vång.
Vorwick, William S., Seattle, and D. W. Kennedy, Vashon Island, Wash. Refrigerated display and dispensing unit. 2,575,434, Nov. 20.
Vosbikian, Peter S.: *See*—
Vosbikian, Thomas S. and P. S.
Vosbikian, Peter S. and T. S., Melrose, Pa. Locking mechanism for handles of bladed tools. 2,544,197, Mar. 6.
Vosbikian, Peter S. and T. S., Melrose, Pa. Wax container with a plug valve and wick feed. 2,544,198. Mar. 6.
Vosbikian, Thomas S.: *See*—
Vosbikian, Peter S. and T. S.
Vosbikian, Thomas S. and P. S., Melrose, Pa. Bladed tool. 2,558,697, June 26.
Vosen, Roy, and E. Philippi, Coeur d'Alene, Idaho. Sheet metal cutter. 2,560,673, July 17.
Voss, Jack G., Silverton, Ohio, assignor to National Distillers Products Corporation. Continuous process for enhancing the feed value of distillers' slop. 2,567,257. Sept. 11.
Voss, John H., Rochester, N. Y., assignor to Automatic Electric Laboratories, Inc., Chicago, Ill. Automatic telephone system trunk selection. 2,541,624, Feb. 13.
Voss, John H., Rochester, N. Y., assignor to Automatic Electric Laboratories, Inc., Chicago, Ill. Relay automatic telephone system. 2,546,080, Mar. 20.
Voss, John H., Rochester, N. Y., assignor to Automatic Electric Laboratories, Inc., Chicago, Ill. Automatic all-relay telephone system. 2,568,101, Sept. 18.
Voss, John H., Rochester, N. Y., assignor to Automatic Electric Laboratories, Inc., Chicago, Ill. All relay private automatic telephone system having connections to one and two digit trunks. 2,574,943, Nov. 13.
Voss, John H., Rochester, N. Y., assignor to Automatic Electric Laboratories, Inc., Chicago, Ill. All relay automatic telephone system trunk selection. 2,574,944, Nov. 13.
Voss, Joseph A., Denver, Colo. Tongue cleaner. 2,543,999, Mar. 6.
Voss, Walter W., assignor to Cardox Corporation, Chicago, Ill. Discharge device. 2,550,100, Apr. 24.
Vossberg, Carl A., Jr., Lynbrook, N. Y. X-ray measuring system. 2,549,402, Apr. 17.
Vossberg, Carl A., Jr., Lynbrook, and F. Fua, assignors to X-Ray Electronic Corporation, New York, N. Y. Signal comparison indicator. 2,541,313, Feb. 13.
Vossberg, Carl A., Lynbrook, and F. A. Fua, assignors to Standard Electronics Research Corporation, New York, N. Y. Optical area measuring system. 2,548,755, Apr. 10.
Vossen, Edward, Lynbrook, assignor to Stop-Motion Devices Corp., Brooklyn, N. Y. Stop motion for spring needle knitting machines. 2,545,324, Mar. 13.
Vossen, Edward, Lynbrook, assignor to Stop-Motion Devices Corp., Brooklyn, N. Y. Light indicator for stop motions of knitting machines. 2,564,413, Aug. 14.
Vossen, Edward, Lynbrook, assignor to Stop-Motion Devices Corp., Brooklyn, N. Y. Stop motion for circular looms. 2,569,591, Oct. 2.
Vossen, Edward, Lynbrook, assignor to Stop-Motion Devices Corp., Brooklyn, N. Y. Hole and press-off detector with plurality of feelers. 2,570,995, Oct. 9.
Vosters, Wilhelmus H., Geleen, assignor to De Directie van de Staatsmijnen in Limburg, handelend voor en nameus den Staat der Nederlanden, Heerlen, Netherlands. Electric welding of tubes and the like. 2,552,468, May 8.
Votruba, Karel, assignor of one-half to Czechoslovak Metal and Engineering Works, national corporation, Prague, Czechoslovakia. Alternating current magnetic amplifier. 2,573,818, Nov. 6.
Votruba, Vojtech, assignor to Koh-I-Noor Pencil Factory L. & C. Hardtmuth, Ceske Budejovica, Czechoslovakia. Multicolor magazine pencil. 2,560,832, July 17.
Votypka, John: *See*—
Keller, August, and Votypka.
Votypka, John W., assignor, by mesne assignments, to Detroit Harvester Company, Detroit, Mich. Bow structure for folding tops. 2,556,565, June 12.
Votypka, John W., assignor to Detroit Harvester Company, Detroit, Mich. Folding top construction. 2,559,482, July 3.
Votypka, John W., assignor, by mesne assignments, to Detroit Harvester Company, Detroit, Mich. Header bar construction for folding tops. 2,580,336, Dec. 25.
Votypka, John W., assignor to Detroit Harvester Company, Detroit, Mich. Folding top structure. 2,580,337, Dec. 25.
Vough, Clair F., Wappingers Falls, and C. J. Lawson, Jr., Poughkeepsie, assignors to International Business Machines Corporation, New York, N. Y. Terminal connector. 2,540,037, Jan. 30.
Voutetakis, Emanuel S.: *See*—
Holland, William E., Pike, and Voutetakis.
Voyles, Richard M., Indianapolis, Ind., assignor, by mesne assignments, to Cornell-Dubilier Electric Corporation, South Plainfield, N. J. Vibrator interrupter. 2,541,450, Feb. 13.
Voymas, James S., Newton, Mass. Variable-speed torque converter. 2,574,443, Nov. 6.
Vrabcak, Richard, Flushing, N. Y. Pallet. 2,544,743, Mar. 13.
Vredenburg, Edric W., Berkeley, Calif., assignor to St. Regis Paper Company, New York, N. Y. Machine for dipping bags. 2,544,199, Mar. 6.
Vreeland, Cornelius D., Jr., assignor to Ten Hoeve Brothers, Paterson, N. J. Air blow gun valve. 2,579,408, Dec. 18.
Vreeland, Walter R., Boulder City, Nev., assignor to the United States of America as represented by the Secretary of the Interior. Machine for inserting a glass tube into a stopper. 2,551,652, May 8.
Vreugdenhil, Adrianus, Amsterdam, Netherlands. Launching a ship's lifeboat, raft, or similar appliance. 2,545,011, Mar. 13.
Vriens, Gerard N., and W. E. Sisco, Somerville, and E. C. Medcalf, Bound Brook, N. J., assignors to American Cyanamid Company, New York, N. Y. Recovery of dinitrile solvents. 2,568,176, Sept. 18.
Vroom, Edward: *See*—
Busch, Aloysius J., and Vroom.
Carpenter, Warren W., and Vroom.
Dehn, Joseph W., and Vroom.
Vroom, Edward, Ossining, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signaling system. 2,568,177, Sept. 18.
Vroom, Edward, Ossining, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signal transmitter. 2,571,800, Oct. 16.
Vroom, Harold B.: *See*—
Bliss, Harvey N., and Vroom.
Vroom, Kenneth E.: *See*—
O'Brien, Joseph F., Cataldo, and Vroom.
Vrooman, Edward C., Schenectady, N. Y., assignor to General Electric Company. Speed indicating device. 2,579,349, Dec. 18.
Vrtis, Charles S., trustee, assignee: *See*—
Nickerson, Mortimer H.
Vucassovich, Michel P., Beverly, Mass., assignor to Edward Renneburg & Sons Company, Baltimore, Md. Apparatus for brining fish. 2,542,382, Feb. 20.
Vuillemenot, Robert P., River Edge, N. J., assignor to The Pharma-Craft Corporation, New York, N. Y. Thermoplastic spray bottle. 2,571,504, Oct. 16.
Vulcan Corporation, assignee: *See*—
Biddle, William M.
Clausing, Henry G.
Schlueter, Robert H.
Vulcan Detinning Company, The, assignee: *See*—
Muskat, Irving E., and Taylor.
Vulcan Iron Works, assignee: *See*—
Hegenbarth, Francis.
Vulcan Manufacturing Co. Inc., assignee: *See*—
Phenning, John H.
Thorndike, Herbert A.
Vulcan Radiator Company, The, assignee: *See*—
Balzer, Fred A.
Downs, Bernard I.
Vutz, Wilhelm, Coldwater, assignor to Avco Manufacturing Corporation, Cincinnati, Ohio. Hitch mechanism. 2,546,531, Mar. 27.
Vutz, Wilhelm, Coldwater, assignor to Avco Manufacturing Corporation, Cincinnati, Ohio. Portable agricultural elevator. 2,553,488. May 15.
Vutz, Wilhelm, Coldwater, assignor to Avco Manufacturing Corporation, Cincinnati, Ohio. Adjustable motor supporting means for agricultural elevators. 2,572,290, Oct. 23.
W. C., Inc., assignee: *See*—
Brandau, Harvey M.
W-K-M Company, assignee: *See*—
Laurent, Milton P.
Waara, David H., Detroit, assignor to R. L. Brown, Ferndale, Mich. Fastener. 2,543,212, Feb. 27.
Waara, David H., Detroit, assignor to R. L. Brown, Ferndale, Mich. Stamped sheet metal molding clip. 2,561,006, July 17.

Waarlé, Godfried H.: *See*—
Vervest, Wilhelmus L., and Waarlé.
Waas, Samuel M., assignor to Manley, Inc., Kansas City, Mo. Popcorn machine. 2,554,802, May 29.
Waber, James W., Chicago, Ill. Making inner tubes for pneumatic tires. 2,537,107, Jan. 9.
Wach, Edward C., Chicago, Ill., assignor to The University of Illinois Foundation. Dentifrice. 2,542,886, Feb. 20.
Wachs, Herman, Brooklyn, assignor, by mesne assignments, to U. S. Industrial Chemicals, Inc., New York, N. Y. Insecticidal composition of pyrethrins and the methylene ether of 3,4-oxymethylene-phenyl-1-butylglycol synergist. Re. 23,341, Feb. 13.
Wachs, Herman, Brooklyn, assignor to U. S. Industrial Chemicals, Inc., New York, N. Y. Insectidical composition containing pyrethrins and a synergist therefor. 2,550,737, May 1.
Wachs, Jack, Brooklyn, N. Y. Frame for ladies' handbags and the like. 2,572,683, Oct. 23.
Wachsmann, Konrad, assignor of one-quarter to C. Wohlstetter and one-quarter to A. Wohlstetter, New York, N. Y. Building structure. 2,559,741, July 10.
Wachtel, Jacques L.: *See*—
Stodola, Frank H., Wachtel, and Coghill.
Wachtell, George P., Princeton, N. J., assignor, by mesne assignments, to the United States of America as represented by the Secretary of the Navy. Electronic time delay device. 2,578,273, Dec. 11.
Wachter, Aaron, Oakland, and N. Stillman, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Preparing dicyclohexylammonium nitrite. 2,544,245, Mar. 6.
Wachter, Aaron, and N. Stillman, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Prevention of corrosive wear of moving metal parts. 2,563,764, Aug. 7.
Wachter, Aaron, and N. Stillman, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Corrosion inhibition with a mixture of inhibitors of differing volatility. 2,577,219, Dec. 4.
Wachter, Edward D., Jr.: *See*—
Mullett, Howard G., and Wachter.
Wachter, Joseph J., East Pittsburgh, and C. J. Straka, Wilkinsburg, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Impregnating a fibrous sheet with a phenolic resin. 2,565,152, Aug. 21.
Wackher, Richard C., La Grange, and C. B. Linn, Riverside, assignors to Universal Oil Products Company, Chicago, Ill. Oxygen-BF_3-hydrocarbon complex catalyst. 2,568,209, Sept. 18.
Waddell, Calhoun: *See*—
Myers, James D., Waddell, and Myers.
Waddill, Paul M., Bartlesville, and F. C. Fowler, Norman, Okla., assignors to Phillips Petroleum Company. Method and apparatus for carrying out catalytic reactions with moving catalyst. 2,555,210, May 29.
Waddington, Ralph H., and A. G. Welblund, Sudbury, Ontario, Canada, assignors to The International Nickel Company, Inc., New York, N. Y. Gas hood for casting machines. 2,568,525, Sept. 18.
Wade, Elmer J., Scotia, N. Y., assignor, by mesne assignments, to the United States of America as represented by the United States Atomic Energy Commission. Electromagnetic pump. 2,558,698, June 26.
Wade, Elmer J., Schenectady, N. Y., and J. W. Simpson, Wilkinsburg, Pa., assignors to the United States of America as represented by the United States Atomic Energy Commission. Electrical simulator. 2,569,646, Oct. 2.
Wade Engineering Limited, assignee: *See*—
Densham, Costin L.
Wade, Eric E. S., Birkenhead, and C. Livsey, Wallasey, assignors to The Lang Pen Company Limited, Liverpool, England. Clip for pens. 2,557,710, June 19.
Wade, John B.: *See*—
Rankin, Dan R., and Wade.
Wade, John B., Arcadia, Calif., assignor to Food Machinery and Chemical Corporation. Tangential angle gauge. 2,546,532, Mar. 27.
Wade, Kenneth, assignee: *See*—
Taylor, Clyde C.
Wade, Lorentz G.: *See*—
Pitt, Samuel, Spillman, and Wade.
Wade, R. M., & Co., assignee: *See*—
Cornelius, Gail.
Wade, Ralph W., Indianapolis, Ind. Bakery shortening composition and making the same. 2,557,524, June 19.
Wade, Raymond B., Swampscott, Mass., assignor to General Electric Company. Shaft seal arrangement. 2,541,850, Feb. 13.
Wade, Robert S., Akron, Ohio, assignor to American Hard Rubber Company, New York, N. Y. Door frame. 2,572,222, Oct. 23.
Wade, Stanley M., Santa Rosa, Calif. Therapeutic agent. 2,544,200, Mar. 6.
Wade, Stanley M., Santa Rosa, Calif. Therapeutic agent. 2,544,201, Mar. 6.
Wade, Stanley M., Santa Rosa, assignor of one-half to John R. Wiederrich, Lodi, Calif. Therapeutic agent. 2,564,773, Aug. 21.
Wade Tool Co., The, assignee: *See*—
Dodge, Floyd L.
Wade, Walter A., trustee, assignee: *See*—
Nickerson, Mortimer H.
Wade, William L., Birkdale, Southport, England. Dental bite block. 2,564,182, Aug. 14.
Wade, Willis C., Nashville, Tenn. Steering mechanism for wagon coaster sleds. 2,541,135, Feb. 13.
Wadhams, James B., Warrensville Heights, assignor to The Ohio Crankshaft Company, Cleveland, Ohio. Fluid cooled core for electromagnetic apparatus. 2,547,065, Apr. 3.
Wadland, Victor N., Atlanta, Ga. Apparatus for electrically lighting the interior of handbags. 2,565,895, Aug. 28.
Wadley, Edward F.: *See*—
Hill, Boyd N., and Wadley.
Wadley, Edward F., Baytown, Tex., assignor, by mesne assignments, to Standard Oil Development Company, Elizabeth, N. J. Production of thiophene from diolefin and hydrogen sulfide. 2,570,083, Oct. 2.
Wadley, Edward F., and J. A. Anderson, Jr., Baytown, Tex., assignors, by mesne assignments, to Standard Oil Development Company, Elizabeth, N. J. Analyzing hydrocarbons. 2,577,640, Dec. 4.
Wadsworth, Daniel V., Plandome, N. Y., and W. L. Owen, Baton Rouge, La., assignors to Refined Syrups & Sugars, Inc., Yonkers, N. Y. Retarding yeast growth in sugar sirups. 2,546,178, Mar. 27.
Wadsworth, Francis T.: *See*—
Adams, Leon M., Brandt, Lee, and Wadsworth.
Wadsworth, Gordon H., Des Moines, Iowa. Picket fence. 2,560,014. July 10.
Wadsworth, Howard M., Liverpool, N. Y. Variable electrical condenser. 2,541,897, Feb. 13.
Wadsworth, John B.: *See*—
Sargent, Edgar H., and Wadsworth.
Wadzinski, Le Roy J., Chicago, Ill. Variload and varibias circuits. 2,579,633, Dec. 25.
Waechter, Harry J., Mount Healthy, assignor to P. Benninghofen and E. C. Diesbach, Hamilton, Ohio, as trustees. Telescopic tube locking means. 2,542,867, Feb. 20.
Waechter, Harry J., Mount Healthy, assignor to P. Benninghofen, and F. B. Diesbach, Hamilton, Ohio, trustees. Autographic register. 2,567,305, Sept. 11.
Waeco Limited, assignee: *See*—
Dinsdale, John M., Holmes, and Martin.
Wheelwright, Edward H., Dinsdale, Holmes, and Martin.
Waeselynck, Raymond F. M., Indret, par Basse-Indre, assignor to Societe Rateau (Societe Anonyme), Paris, France. Variable output atomizer. 2,540,970, Feb. 6.
Waff, Howard J., Jr., Norfolk, Va. Ventilator damper control. 2,566,784, Sept. 4.
Wagener, Winfield G., Palo Alto, Calif. Electron tube for ultra high frequency. 2,554,134, May 22.
Wagenknecht, Otto E., Chicago, Ill., assignor to Zenith Radio Corporation. Automatic station indicating device. 2,573,291, Oct. 30.
Wagenknecht, Otto E., Chicago, and G. E. Gustafson, River Forest, Ill., assignors to Zenith Radio Corporation. Vernier tuning dial. 2,567,585, Sept. 11.
Wagers, Beverly T., assignor of one-fourth to J. M. Wolfinbarger, Irvine, one-fourth to C. W. Ball, Bybee, one-eighth to R. E. Lancaster, Lexington, one-eighth to C. Lancaster, Covington, and one-eighth to E. Sparks, Leighton, Ky. Supercharged two-cycle engine with retarded firing. 2,551,478, May 1.
Wagers, John K., Berkeley, and E. C. Shokal, Oakland, assignors to Shell Development Company, San Francisco, Calif. Manufacturing laminated articles. 2,545,832, Mar. 20.
Wagg, Harley A., assignee: *See*—
Jamison, George C., and Wagg.
Waggin, Josef, assignor to Karl Muller Jr., Photo-Kino-Radio, Memmingen, Bavaria, Germany. Releasing device for mirror reflex adapters for photographic cameras. 2,576,494, Nov. 27.
Waggoner, Donald E., Jr., assignee: *See*—
Chadil, Robins L., and Hoffer.
Waggoner, Frank H., Ramsey, N. J. Fruit juicer with conical reamer. 2,540,500, Feb. 6.
Waggoner, Jack H., Newark, Ohio, assignor to Owens-Corning Fiberglas Corporation. Colored glass fiber product and making same. 2,577,936, Dec. 11.
Waggoner, John E., South San Francisco, Calif. Fly hook holder. 2,566,388, Sept. 4.
Waggener, Kenneth E., Brea, Calif. Safety sub jar assembly. 2,572,895, Oct. 30.
Waghorne, John H., Toronto, Ontario, Canada. Electrical surge recorder. 2,537,384, Jan. 9.
Wagler, Karl F., Chicago, Ill. Floral display stand. 2,573,372, Oct. 30.
Wagner, Adam, assignor to Ernst Leitz G. m. b. H., Wetzlar, Germany. Camera control knob and data indicating device. 2,551,188, May 1.
Wagner, Arthur C., Rochester, N. Y. Colostomy pouch and protector. 2,549,348, Apr. 17.
Wagner, Carl J., and G. V. Mack, assignors to Marvel Industries, Inc., Sturgis, Mich. Air-conditioning unit. 2,576,549, Nov. 27.
Wagner, Cary R., Utica, Ohio, assignor to Phillips Petroleum Company. Well drilling fluids and use. 2,536,113, Jan. 2.
Wagner, Cary R., Utica, Ohio, assignor to Phillips Petroleum Company. Level indicator of interface between acid and hydrocarbon layers. 2,551,983, May 8.

Wagner, Cary R., Utica, Ohio, assignor to Phillips Petroleum Company. Production of alkenylthiophenes. 2,560,610, July 17.
Wagner, Cary R., Utica, Ohio, W. N. Axe, and C. M. Himel, Bartlesville, Okla., assignors to Phillips Petroleum Company. Drilling fluids and using same. 2,560,611, July 17.
Wagner, Cary R., Utica, Ohio, and M. A. Ryan, Bartlesville, Okla., assignors to Phillips Petroleum Company. Drilling fluids and using same. 2,560,612, July 17.
Wagner, Cleason M., Toledo, Ohio. Spin toy. 2,560,833, July 17.
Wagner, Cletus P., assignor to H. B. Salter Mfg. Co., Marysville, Ohio. Plumbing valve. 2,574,851, Nov. 13.
Wagner, Cletus P., and F. R. Holycross, Jr., assignors to H. B. Salter Manufacturing Company, Marysville, Ohio. Drain control valve. 2,553,991, May 22.
Wagner, E. R., Manufacturing Company, assignee: *See*— Wagner, Robert S.
Wagner, Eddie B., Portland, Oreg. Scoop-shovel vehicle. 2,548,084, Apr. 10.
Wagner, Eddie B., Portland, Oreg. Auxiliary gear drive for vehicles. 2,557,485, June 19.
Wagner, Eddie B. and H. A., Portland, Oreg. Elevatable scoop control mechanism. 2,538,400, Jan. 16.
Wagner, Edmond M., San Marino, Calif., assignor, by mesne assignments, to Associated Development and Research Corporation, New York, N. Y. Valved coupling. 2,557,807, June 19.
Wagner, Edmond M., San Marino, and J. Moon, Altadena, assignors to Western Oil Tool & Engineering Co. Inc., Glendale, Calif. Hoist drum mounting. 2,565,791, Aug. 28.
Wagner, Edward W., Parma, Ohio. Fender protector. 2,538,813, Jan. 23.
Wagner Electric Corporation, assignee: *See*—
Bauer, Earl W.
Britt, Bryant L.
Johnson, Edward D.
Johnson, Edward D., and Wall.
Klinksiek, Karl.
Linders, Harry P.
Malsbary, James S.
Milster, Arthur N.
Naumann, Leonard G.
Schnell, Steve.
Wagner, Ernest A.: *See*—
Rosenkrans, Frank A., and Wagner.
Wagner, George A., assignee: *See*—
Williams, Paul E.
Wagner, George E.: *See*—
Adams, John E., and Wagner.
Wagner, George M.: *See*—
Johnson, Carl E., and Wagner.
Johnson, Carl E., Wohlers and Wagner.
Wagner, Gustave H.: *See*—
Wagner, Harold A. and G. H.
Wagner, Harold A.: *See*—
Wagner, Eddie B. and H. A.
Wagner, Harold A. and G. H., Portland, Oreg. Filling chute for elevating buckets. 2,538,401, Jan. 16.
Wagner, Harold A. and G. H., Portland, Oreg. Truck crane. 2,557,484, June 19.
Wagner, Harold A. and G. H., Portland, Oreg. Skip weighing means for self-loading mixers. 2,565,792, Aug. 28.
Wagner, Harold H.: *See*—
Fleck, Kenneth J., and Wagner.
Wagner, Harry C., North Apollo, Pa. Refrigerant gas drying apparatus. 2,537,720, Jan. 9.
Wagner, Herbert L., Detroit, assignor to Detroit Stoker Company, Monroe, Mich. Agitator for spreader stoker feeders. 2,578,161, Dec. 11.
Wagner, Herbert M., Asbury Park, N. J. Beacon guide. 2,547,066, Apr. 3.
Wagner, John L., Endwell, and R. E. Lawhead, Vestal, assignors to International Business Machines Corporation, New York, N. Y. Electronic counting circuit. 2,562,591, July 31.
Wagner, John R., Clarion, Pa. Automobile lighting signal system. 2,540,410, Feb. 6.
Wagner, Kurt: *See*—
Handschin, Max, and Wagner.
Wagner, Kurt, Zurich, Switzerland, assignor to Daphne Investment Trust, Vaduz, Liechtenstein. Audio-frequency band filter with adjustable band width. 2,541,797, Feb. 13.
Wagner, Leland B.: *See*—
Rothwell, John J., and Wagner.
Wagner, Levi F., and G. A. Bresler, Lincoln Park, Pa., assignors to The Glidden Company, Cleveland, Ohio. Coated electrical apparatus and making. 2,537,108. Jan. 9.
Wagner, Melvin, assignor to Glenside Bag Company, Glenside, Pa. Leakproof battery. 2,544,115, Mar. 6.
Wagner, Paul L.: *See*—
Enslow, John P., and Wagner.
Wagner, Robert M., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Activating process for plating. 2,574,305, Nov. 6.
Wagner, Robert S., assignor to E. R. Wagner Manufacturing Company, Milwaukee, Wis. Hinge. 2,563,979, Aug. 14.
Wagner, Robert S., assignor to E. R. Wagner Manufacturing Company, Milwaukee, Wis. Barbed fastening prong. 2,568,043, Sept. 18.
Wagner, Robert W., Chelsea, Mich. Power take-off. 2,548,182, Apr. 10.
Wagner, Robert W., Chelsea, Mich. Power take-off. 2,578,867, Dec. 18.
Wagner, Romeo B., State College, Pa., and J. A. Moore, assignors to Parke, Davis & Company, Detroit, Mich. Preparation of steroidal hydroxy ketones. 2,548,922, Apr. 17.
Wagner, Stephen R.: *See*—
Denney, Lee J., and Wagner.
Wagner, Stephen R., East Orange, N. J., assignor, by mesne assignments, to Federal Telephone and Radio Corporation, New York, N. Y. Telephone dial type transmitter with adjustable main spring. 2,543,080, Feb. 27.
Wagner, William L., Los Angeles, assignor to A. H. McConnell, Pasadena, Calif. Holding rack. 2,571,972, Oct. 16.
Wagner, Wilmer W., Jr., and H. B. Greenwood, Baltimore, Md., assignors, by mesne assignments, to Samuel M. Langston Co., Camden, N. J. Sheet stacking and conveying machine. 2,540,971, Feb. 6.
Wagner, Wilmer W., Jr., and H. B. Greenwood, Baltimore, Md., assignors to Samuel M. Langston Company, Camden, N. J. Sheet stacking and conveying machine. 2,540,972, Feb. 6.
Wagstaff, Edwin M., Galion, Ohio. Dumping body hoist. 2,543,210, Feb. 27.
Wagstaff, George F., assignor to Delapena & Son Limited, Cheltenham, England. Honing device. 2,543,515, Feb. 27.
Wagstaff, George F., assignor to Delapena & Son Limited, Cheltenham, England. Holding device for hand tools. 2,554,283, May 22.
Wagstaff, George F., assignor to Delapena & Son Limited, Cheltenham, England. Honing device. 2,559,052, July 3.
Wagstaff, James B.: *See*—
Benedict, Manson, Wagstaff, and Webb.
Waguet, Philippe, Paris, France, assignor to General Electric Company. Starting and operating device and circuits for electric discharge devices. 2,553,489, May 15.
Wahl, Albert G., Los Angeles, Calif. Collapsible bath cabinet. 2,551,552, May 1.
Wahl, Albert G., Los Angeles, Calif. Suction ring for socket wrenches. 2,551,553, May 1.
Wahl, Albert J., Pleasant Hills, assignor to Miller Pottery Engineering Company, Swissvale, Pa. Apparatus for decorating dinnerware and the like. 2,540,920, Feb. 6.
Wahl, Albert J., Pleasant Hills, assignor to Miller Pottery Engineering Company, Swissvale, Pa. Dinnerware decorating apparatus. 2,545,396, Mar. 13.
Wahl, Albert J., Pleasant Hills, assignor to Miller Pottery Engineering Company, Swissvale, Pa. Apparatus for making pottery ware. 2,547,294, Apr. 3.
Wahl Brothers, assignee: *See*—
Wahl, Nicholas A.
Wahl, Carleton W., Silver Spring, Md. Coupling device. 2,560,613, July 17.
Wahl, John C., assignor to Eversharp, Inc., Chicago, Ill. Writing instrument. 2,552,506, May 8.
Wahl, Nicholas A., assignor to Wahl Brothers, New York, N. Y. Apparatus and method for making separable fasteners. 2,541,728, Feb. 13.
Wahl, Nicholas A., assignor to Wahl Brothers, New York, N. Y. Apparatus and method for making separable fasteners. 2,541,729, Feb. 13.
Wahl, Nicholas A., assignor to Wahl Brothers, New York, N. Y. Slide fastener structure. 2,564,742, Aug. 21.
Wahl, Nicholas A., assignor to Wahl Brothers, New York, N. Y. Separable fastener. 2,567,160, Sept. 4.
Wahl, Otto: *See*—
Bradford, William J., and Wahl.
Wahlbeck, Ragnar, New York, N. Y. Catheter with ball valve. 2,552,469, May 8.
Wahlberg, Eric C., Stamford, assignor to Electrolux Corporation, Old Greenwich, Conn. Air circulator and heater. 2,552,470, May 8.
Wahlberg, Eric C., Stamford, assignor to Electrolux Corporation, Old Greenwich, Conn. Automobile door and window. 2,576,816, Nov. 27.
Wahlberg, Nils E., Chicago, Ill., assignor to Nash-Kelvinator Corporation, Kenosha, Wis. Windshield wiper. 2,538,344, Jan. 16.
Wahlberg, Nils E., Chicago, Ill., assignor to Nash-Kelvinator Corporation, Kenosha, Wis. Bearing mounting device. 2,563,980, Aug. 14.
Wahlberg, Nils E., Chicago, Ill., assignor to Nash-Kelvinator Corporation, Kenosha, Wis. Hydraulic brake master cylinder. 2,564,137, Aug. 14.
Wahle, Otto, deceased, Prague XIV, Bohemia-Moravia; M. Just or M. Justova, administratrix of said O. Wahle. Tool for producing knitted fabrics incorporating weft threads. 2,538,635, Jan. 16.
Wahlin, Fred W., Oak Park, assignor to Spraying Systems Co., Bellwood, Ill. Multiple nozzle spray head. 2,577,550, Dec. 4.
Wahlstrom, Magnus: *See*—
Bannow, Rudolph F., and Wahlstrom.

Wahlstrom, Norman R., Los Angeles, Calif. Storage rack. 2,549,349, Apr. 17.
Wahtera, Olavi, Peabody, and K. R. Scribner, Ipswich, assignors to Sylvania Electric Products Inc., Salem, Mass. Phonographic record changing apparatus. 2,565,413, Aug. 21.
Wain-Roy Corporation, assignee: *See*—
Holopainen, Vaino J.
Waindle, Roger F.: *See*—
Wochos, Wenzel M., Jr., and Waindle.
Wainer, Eugene, Niagara Falls, assignor, by mesne assignments, to National Lead Company, New York, N. Y. Alkaline earth silicates of zirconium and compositions thereof. 2,559,381, July 3.
Wainio, Albert W.: *See*—
Gustin, Daniel S., and Wainio.
Wainwright, Jack T., assignee: *See*—
Ratliff, Arthur D.
Wainwright, Samie W., Kingsland, assignor of seven-thirtieths to J. S. Gibson and three-thirtieths to G. E. Maddox, Douglas, Ga., and ten-thirtieths to P. V. Pridgeon Mtr. Co. Saddle miter square. 2,542,169, Feb. 20.
Waite Carpet Company, assignee: *See*—
Waite, Stanley E.
Waite, Charles C., Jersey City, N. J., assignor, by mesne assignments, to Cleveland-Detroit Corporation. Beverage dispensing machine. 2,566,436, Sept. 4.
Waite, Charles C., and P. F. Bender, Jersey City, N. J., assignors, by mesne assignments, to Cleveland-Detroit Corporation. Cup dispensing machine. 2,542,067, Feb. 20.
Waite, Howard E., Ross Township, Allegheny County, and W. K. Smith, Heilwood, Pa. Bandage. 2,539,170, Jan. 23.
Waite, Ralph B., Springville, N. Y. Axially slidable apertured closure cap having means for limiting opening movement of the cap. 2,574,989, Nov. 13.
Waite, Ralph B., Springville, N. Y. Retractible closure for collapsible tube, having means to prevent its accidental removal therefrom. 2,574,990, Nov. 13.
Waite, Ralph B., Springville, N. Y. Pressureproof dispenser closure. 2,574,991, Nov. 13.
Waite, Stanley E., assignor to Waite Carpet Company, Oshkosh, Wis. Stand-up flexible screen. 2,577,667, Dec. 4.
Waite, Wayne P., Denver, Colo. Fish rod carrier. 2,554,650, May 29.
Waitkens, Frank: *See*—
Andrew, Charles, and Waitkens.
Waitkins, George R.: *See*—
Parker, Robert P., Waitkins, and Adams.
Waits, Jake, Jackson, Miss. Combination seasoning stand. 2,539,600, Jan. 30.
Waitt, Henry, assignor to W. Watson & Sons Limited, London, England. Mounting means for variable magnification optical systems. 2,537,561, Jan. 9.
Wakefield, C. C., & Company Limited, assignee: *See*—
Evans, Elliott A., and Elliott.
Helmore, William.
Wakefield, Kenneth E., Schnectady, N. Y., assignor to General Electric Company. Viscosimeter. 2,563,567, Aug. 7.
Wakefield, Kenneth H.: *See*—
Plamondon, Arthur L., Wakefield, and Plamondon.
Wakefield, Walter H., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Thread control for weft replenishing looms. 2,551,189, May 1.
Wakeford, Leslie E., and D. H. Hewitt, deceased, London, England; E. Booth and R. H. Buckle, executors of said D. H. Hewitt, assignors, by mesne assignments, to The Sherwin-Williams Company, Cleveland, Ohio. Manufacture of polystyrene. 2,556,488, June 12.
Wakeford, Leslie E., and D. H. Hewitt, deceased, London, England; E. Booth and R. H. Buckle, executors of said D. H. Hewitt, assignors, by mesne assignments, to The Sherwin-Williams Company, Cleveland, Ohio. Interpolymerization of styrene and frosting drying oil in presence of monocyclic alpha-terpene. 2,567,137, Sept. 4.
Wakeman, Alden H., Crystal Lake, assignor to The Creamery Package Mfg. Company, Chicago, Ill. Ice-cream freezer. 2,538,716, Jan. 16.
Wakeman, Clifford M., Flint, Mich. Device for stabilizing trailers. 2,565,285, Aug. 21.
Walbridge, E. H., assignee: *See*—
Waring, Edward M.
Walbright, James C., assignee: *See*—
Hamblin, Jack L.
Walburn, George L., Auburn, Ind. Tractor mounted planter. 2,579,988, Dec. 25.
Walco, Inc., assignee: *See*—
Wallace, David A.
Walcott, R. M., Co., assignee: *See*—
Brest, Harry C.
Wald, Quentin, Woodmont, assignor to United Aircraft Corporation, East Hartford, Conn. Wing-tip control surface for tailless airplanes. 2,539,357, Jan. 23.
Wald, Sidney, Collingswood, N. J., assignor to Radio Corporation of America. Bifilar inductor. 2,550,891, May 1.
Wald, Sidney, Philadelphia, Pa., assignor to Radio Corporation of America. Method and apparatus for purifying and testing a fluid dielectric and filling a container or an electrical capacitor therewith. 2,562,972, Aug. 7.
Wald, Sidney, Philadelphia, Pa., assignor to Radio Corporation of America. Fluid expansion device for electrical apparatus. 2,568,422, Sept. 18.
Wald, Sidney, Collingswood, and T. E. Dunn, Pennsauken, N. J., assignors to Radio Corporation of America. Voltage regulator. 2,578,385, Dec. 11.
Wald, Sidney, Collingswood, N. J., and J. S. Russo, Philadelphia, Pa., assignors to Radio Corporation of America. Electronic timing device. 2,579,163, Dec. 18.
Walden, Frank H., Philadelphia, Pa. Implement guiding apparatus. 2,567,414, Sept. 11.
Walden, Willie W., Hugo, Okla. Machine for removing pneumatic tires from wheel rims. 2,542,441, Feb. 20.
Waldensian Hosiery Mills, Incorporated, assignee: *See*—
Simmons, John C., Setzer, and Mull.
Walder, Emil, assignor to Proctor Electric Company, Philadelphia, Pa. Handle structure. 2,554,761, May 29.
Walder, Henry, Milwaukee, Wis. Lens with convexly transversely rounded sector defining radii. 2,561,895, July 24.
Waldes, Harry K.: *See*—
Heimann, Heinrich, and Waldes.
Waldes Koh-i-noor, Inc., assignee: *See*—
Erdmann, Hans.
Feite, Rudolf.
Heimann, Heinrich.
Heimann, Heinrich, and Brozek.
Heimann, Heinrich, and Waldes.
Heimann, Heinrich, and Wurzel.
Schaad, John.
Schaaff, Louis W.
Soave, John G.
Waldie, George A., South Woodbury, Ohio, assignor to H-P-M Development Corporation, Wilmington, Del. Platen levelling multiple ram press. 2,565,639, Aug. 28.
Waldie, William A., assignor to The Commonwealth Engineering Company of Ohio, Dayton, Ohio. Aqueous dispersion of a pigmented alkyd resin. 2,543,211, Feb. 27.
Waldie, William A., Oakwood, Ohio, assignor to New Wrinkle, Inc., Wilmington, Del. Flexible oil acid modified alkyl resin wrinkle coating composition and making. 2,556,606, June 12.
Waldman, Armand S.: *See*—
Goldstein, Herman B., and Waldman.
Waldman, Joseph, Maplewood, assignor to Joseph Waldman & Sons, Irvington, N. J. Dust inhibiting watch crown. 2,557,525, June 19.
Waldman, Joseph, & Sons, assignee: *See*—
Waldman, Joseph.
Waldo, Ford C., Portland, Oreg. Hydrostatic level. 2,566,102, Aug. 28.
Waldo, Pharez G.: *See*—
Caesar, Philip D., and Waldo.
Waldo, Willis G.: *See*—
Hulfish, Thomas A., and Waldo.
Waldon, William J., Sr., Bakersfield, Calif. Serving table with rotatable center. 2,546,803, Mar. 27.
Waldorf Paper Products Company, assignee: *See*—
Dunning, Robert M.
Guyer, Reynolds.
Hennessey, Russell J.
Waldrip Engineering Co., assignee: *See*—
Sommarstrom, Clifford E.
Waldron, Cecil R., assignor to Eureka Williams Corporation, Bloomington, Ill. Oil burner nozzle. 2,568,880, Sept. 25.
Waldron, Frederic B., Eccleston Park, Prescot, and J. H. Griffin, St. Helens, assignors to Pilkington Brothers Limited, Liverpool, England. Method of and apparatus for grinding flat glass on both faces simultaneously. 2,577,937, Dec. 11.
Waldron, John, Corporation, assignee: *See*—
Dickhaut, Charles A., and Newcomb.
Waldron, Joseph G., assignee: *See*—
Burgin, Miller S.
Waldron, Lincoln, West Nyack, N. Y. Injector for internal-combustion engines. 2,551,073, May 1.
Waldron, Louis D., Arlington, Mass. Radiator. 2,571,505, Oct. 16.
Waldron, Walter J., Pomona, Calif. Control operating device. 2,560,015, July 10.
Waldschutz, Franz J.: *See*—
Iversen, Lorenz, and Waldschutz.
Waldvogel, Jakob: *See*—
Borgeaud, Gaston, and Waldvogel.
Walek, Steve, Jr.: *See*—
Roll, Frank F., and Walek.
Wales, George F., Kenmore, N. Y. Method and apparatus for perforating sheet material. 2,553,615, May 22.
Wales, Lawrence B., and M. O. Hodges, Marblehead, Mass., assignors to General Electric Company. Linkage for hydraulic actuators. 2,543,649, Feb. 27.
Wales, Nathaniel B., New York, N. Y., and N. B. Wales, Jr., Morristown, N. J., assignors to Industrial Patent Corporation, New York, N. Y. Vending machine. 2,575,606, Nov. 20.
Wales, Nathaniel B., Jr.: *See*—
Wales, Nathaniel B., and N. B., Jr.

Wales, Nathaniel B., Jr., Morristown, N. J. Rotary vaporizing oil burner. 2,564,384, Aug. 14.
Wales, Nathaniel B., Jr., Morristown, N. J., assignor to International Business Machines Corporation, New York, N. Y. Cathode glow discharge device. 2,573,373, Oct. 30.
Wales, Nathaniel B., Jr., New York, N. Y. Radio energized lamp. 2,579,989, Dec. 25.
Waletzky, Emanuel, Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Turkey enterohepatitis control composition. 2,543,748, Mar. 6.
Waletzky, Emanuel, Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Turkey blackhead control composition. 2,547,677, Apr. 3.
Waletzky, Emanuel, Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Coccidiosis control composition. 2,567,358, Sept. 11.
Walford, Clements S. R., Broomfield, near Chelmsford, England. Loading platform. 2,551,074, May 1.
Waline, Clifford M., Oakland, Calif. Automatic coffee brewer. 2,547,067, Apr. 3.
Walk, Udell C., U. S. Navy, Carmel, Calif. Ordnance sight. 2,566,389, Sept. 4.
Walkabout Company, The, assignee: *See*—
Ames, Butler.
Walker, Albert A.: *See*—
Lutsky, Arthur A., and Walker.
Walker, Alec H. B., London, England, assignor, by mesne assignments, to Westinghouse Air Brake Company. Annunciator. 2,571,973, Oct. 16.
Walker, Alec H. B., and L. H. Peter, assignors to Westinghouse Brake and Signal Company Limited, London, England. Cathode-ray tube equipment. 2,548,572, Apr. 10.
Walker, Brooks, assignee: *See*—
Schultz, Henry J.
Walker, Brooks, Piedmont, Calif. Automotive vehicle gas tank and tire mounting. 2,563,981, Aug. 14.
Walker, Brooks, Piedmont, Calif. Venetian blind slat retainer. 2,571,317, Oct. 16.
Walker, Brooks, Piedmont, Calif. Venetian blind slat. 2,572,224, Oct. 23.
Walker, Brooks, Piedmont, Calif. Venetian blind. 2,572,896, Oct. 30.
Walker, Brooks, Piedmont, Calif. Venetian blind part. 2,576,159, Nov. 27.
Walker, Brooks, Piedmont, Calif. Venetian blind part. 2,576,160, Nov. 27.
Walker, Brooks, Piedmont, Calif. Venetian blind. 2,578,766, Dec. 18.
Walker, Carl, assignor to The Globe-Wernicke Company, Norwood, Ohio. Stackable table. 2,540,849, Feb. 6.
Walker, Carl R., assignor to Syndicate Glass, Inc., Indianapolis, Ind. Price tag holder. 2,547,239, Apr. 3.
Walker, Chapman J., and G. R. Fusner, Schenectady, N. Y., assignors to General Electric Company. Gas turbine power plant. 2,554,228, May 22.
Walker, Charles M., Manhattan Beach, Calif. Apparatus for parking automobiles. 2,569,393, Sept. 25.
Walker, Clifford I., Great Falls, Mont. Plastic visor. 2,556,950, June 12.
Walker, Crawford J., Indianapolis, Ind. Making corn meal porridge. 2,541,730, Feb. 13.
Walker, Crawford J., Indianapolis, Ind. Making canned gelatin. 2,541,731, Feb. 13.
Walker, Curtis: *See*—
Turchan, Manuel, and Walker.
Walker, Daniel N., Ashby Farva, near Rugby, assignor to Power Jets (Research & Development) Limited, London, England. Centrifugal governor or other mechanism requiring sensitive motion transmission. 2,577,052, Dec. 4.
Walker, Daniel N., Birmingham, assignor to Coventry Climax Engines Limited, Coventry, England. Industrial truck. 2,561,300, July 17.
Walker, Daniel N., Coventry, assignor to Power Jets (Research and Development) Limited, London, England. Turbo-jet engine with axially expansible exhaust duct controlling area of exhaust bypass gap. 2,564,042, Aug. 14.
Walker, Daniel N., Coventry, P. F. Ashwood, Old Coulsdon, and H. Cowan, Lutterworth, assignors to Power Jets (Research and Development) Limited, London, England. Combustion chamber and diffusion nozzle arrangement for reducing over all length of jet engines. 2,564,218, Aug. 14.
Walker, David C., Tulsa, Okla., assignor to Hinderliter Tool Company Division H. K. Porter Company, Inc. Sealing unit for well casing heads. 2,548,412, Apr. 10.
Walker, David S.: *See*—
Tandler, William S., de Weiss, Walker, and Frering.
Tandler, William S., and Walker.
Walker, Donald F., Edinburgh, Scotland. Variable impedance device. 2,572,545, Oct. 23.
Walker, Doreen, executrix: *See*—
Blumlein, Alan D.
Walker, Earl C., Altadena, Calif., assignor to the United States of America as represented by the Secretary of the Navy. Rocket launcher. 2,545,217, Mar. 13.
Walker, Elzo G., Odessa, Tex. Well drill bit. 2,568,573, Sept. 18.
Walker, Ernest J., Toledo, Ohio. Dispensing and display rack for rolled goods. 2,551,190, May 1.
Walker, Eugene J.: *See*—
Bingenheimer, Melvin, Walker, and Toth.
Walker, Eugene J., and M. Bingenheimer, Beaver, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Circuit breaker. 2,568,423, Sept. 18.
Walker, Frank G., Minneapolis, Minn. Spray device for washing machines. 2,576,982, Dec. 4.
Walker, Frank S., Framingham, Mass. Barrel with cooling means for beverages. 2,536,404, Jan. 2.
Walker, George G.: *See*—
Shoults, Clyde A., and Walker.
Walker, George N.: *See*—
Parkin, Fremont P., and Walker.
Walker, George W., Columbus, Ohio, assignor to Owens-Illinois Glass Company. Machine for applying mortar bonding material to building blocks. 2,574,675, Nov. 13.
Walker, Harold A.: *See*—
Goldberg, Alan A., and Walker.
Walker, Hiram, & Sons Inc., assignee: *See*—
Stephens, Bernard J., and Lewis.
Walker, Isaac F., Hockessin, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Increasing the melt viscosity of synthetic linear polyamides. 2,557,808, June 19.
Walker, James, deceased, Brooklyn, N. Y.; Jessie Walker, administrator of said James Walker. Sealing member for piston rings. 2,537,721, Jan. 9.
Walker, James D., assignor to Walker Process Equipment, Inc., Aurora, Ill. Apparatus for heating sludge. 2,542,602, Feb. 20.
Walker, James D., Aurora, Ill., assignor to The American Well Works. Apparatus for dispersing material in a fluid stream. 2,577,095, Dec. 4.
Walker, James D., Loco Hills, N. Mex. Paraffin scraper. 2,575,307, Nov. 13.
Walker, James D., and J. R. Sperry, assignors to Walker Process Equipment, Inc., Aurora, Ill. Water treating apparatus and method. 2,573,941, Nov. 6.
Walker, Jessie, administrator: *See*—
Walker, James.
Walker, John, Alameda, Calif. Golf training device. 2,571,974, Oct. 16.
Walker, John C., Westfield, N. J., assignor to Cities Service Oil Company, Bartlesville, Okla. Oxidizing hydrocarbons. 2,577,053, Dec. 4.
Walker, John H., and C. W. Crenshaw, Beaumont, Tex. Crane for attachment to tractors. 2,543,391, Feb. 27.
Walker, John M., assignee: *See*—
Page, Joseph H.
Walker, Joseph B., Hollywood, Calif. Magazine. 2,547,186, Apr. 3.
Walker, Joseph B., Hollywood, Calif. Lens adjusting mechanism. 2,547,187, Apr. 3.
Walker, Joseph B., Hollywood, Calif. Device for increasing illumination of photographic images. 2,556,307, June 12.
Walker, Joseph F., Westfield, and S. F. Kokowicz, Perth Amboy, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Cross linking. 2,548,455, Apr. 10.
Walker, Kathleen D., assignee: *See*—
Walker, Lloyd W.
Walker, Kenneth E., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Hydraulic fluids. 2,542,785, Feb. 20.
Walker, La Verne C., Baldwin, assignor to Faximile, Inc., New York, N. Y. Dual beam optical system for facsimile scanners. 2,560,614, July 17.
Walker, Lloyd W., assignor to L. W. Walker, W. H. Walker, K. D. Walker, and R. E. Walker, doing business as Walker Metal Products Company, Harvey, Ill. Garment hanger. 2,573,167, Oct. 30.
Walker, Locko L., Seattle, Wash. Machine vise jaw rockable downwardly when pressed against workpiece. 2,564,138, Aug. 14.
Walker, Louis D., Lakewood, Ohio. Apparatus for dispensing and inscribing tape. 2,574,674, Nov. 13.
Walker Manufacturing Company of Wisconsin, assignee: *See*—
Manke, Raymond F.
Walker, Willard T.
Walker Metal Products Company, assignee: *See*—
Walker, Lloyd W.
Walker, Nelson: *See*—
Eshbaugh, Jesse E., and Walker.
Walker, Neville E., Portland, Oreg. Miniature airplane propeller and mounting therefor. 2,543,516, Feb. 27.
Walker, Oscar F., Grapeville, Pa. Glass cutting tool. 2,539,601, Jan. 30.
Walker, Phillip H., De Witt, N. Y., assignor to The Aro Equipment Corporation, Bryan, Ohio. Puncturing and dispensing attachment for container, having a pump and a carrying handle which also actuates said pump. 2,562,755, July 31.
Walker Process Equipment, Inc., assignee: *See*—
Walker, James D.
Walker, James D., and Sperry.
Walker, Robert A., Alhambra, assignor to Scudder Food Products, Inc., Monterey Park, Calif. Merchandise hanging device. 2,559,054, July 3.
Walker, Robert M., West Hempstead, N. Y., assignor to International Business Machines Corporation. Simultaneous linear equation solver. 2,543,650, Feb. 27.

Walker, Robert S., assignor to Traylor Engineering & Manufacturing Company, Allentown, Pa. Apparatus for producing milk of lime. 2,559,691, July 10.
Walker, Robert S., assignor to Traylor Engineering & Manufacturing Company, Allentown, Pa. Method of and means for producing milk of lime and for causticizing green liquor. 2,560,016, July 10.
Walker, Robert S., assignor to Traylor Engineering & Manufacturing Company, Allentown, Pa. Apparatus for slaking lime. 2,560,316, July 10.
Walker, Rose E., assignee: *See*—
Walker, Lloyd W.
Walker, Scott W., and A. G. Eickmeyer, assignors to Stanolind Oil and Gas Company, Tulsa, Okla. Catalyst regeneration. 2,544,574, Mar. 6.
Walker, Vernon L., assignor to General Motors Corporation, Detroit, Mich. Clamping fixture. 2,574,306, Nov. 6.
Walker, Willard T., assignor to Walker Manufacturing Company of Wisconsin, Racine, Wis. Lift mechanism. 2,564,289, Aug. 14.
Walker, William, Pocatello, Idaho. Combination utility board and sign. 2,576,983, Dec. 4.
Walker, William, and W. H. Moss, London, England, assignors, by mesne assignments, to Celanese Corporation of America. Hollow article. 2,536,243, Jan. 2.
Walker, William H., assignee: *See*—
Walker, Lloyd W.
Walker Wire Company, assignee: *See*—
Jackson, A. O. and C. L.
Walkers, Johnnie, Stores, Inc., assignee: *See*—
Owens, John J.
Walkirt Company, The, assignee: *See*—
Walz, Richard F.
Walklet, Mercer D., assignor to The Hamlin Metal Products Company, Akron, Ohio. Wheel construction. 2,576,270, Nov. 27.
Walkup, Edgar B., Swissvale, Pa., assignor to Westinghouse Air Brake Company. Indication transmitting apparatus for remote-control systems of the code type. 2,574,805, Nov. 13.
Walkup, Lewis E.: *See*—
Franz, Arvel O., and Walkup.
Walkup, Lewis E., Columbus, Ohio, assignor, by mesne assignments, to The Haloid Company, Rochester, N. Y. Apparatus for applying powder to electrophotographic plates. 2,550,738, May 1.
Walkup, Lewis E., and D. L. Fauser, assignors, by mesne assignments, to Battelle Development Corporation, Columbus, Ohio. Method and apparatus for developing electrostatic images with electroscopic powder. 2,573,881, Nov. 6.
Wall, Alexander C., and H. E. Oles, Buffalo, N. Y., assignors to P. R. Mallory & Co., Inc., Indianapolis, Ind. Spark gap, apparatus therefor, and product thereof. 2,540,921, Feb. 6.
Wall, Carl F.: *See*—
Johnson, Edward D., and Wall.
Wall, Daniel J., and G. F. Reinhard, Jr., Grand Rapids, Mich., assignors to Sackner Products, Inc. Binding tape. 2,570,614, Oct. 9.
Wall, Eugene J., Springfield, Ill. Shoe skate and stop assembly. 2,578,384, Dec. 11.
Wall, Henry H., Jr., Baton Rouge, La., assignor to Ethyl Corporation, New York, N. Y. Ethyl chloride recovery. 2,556,833, June 12.
Wall, James L., Washington, Ga. Blower. 2,544,813, Mar. 13.
Wall, James R., Collinsville, Ill., assignor to Aluminum Company of America, Pittsburgh, Pa. Producing aluminum trihydrate. 2,549,549, Apr. 17.
Wall, John W., Royal Oak, Mich. Internal collapsible chuck. 2,555,170, May 29.
Wall, Marvin L., Morristown, Tenn. Tag. 2,545,505, Mar. 20.
Wall, Marvin R., assignor of three-tenths to O. H. Milmore, Berkeley, Calif. Temperature and pressure responsive switch. 2,562,286, July 31.
Wall, Monroe E., Oreland, Pa., assignor to the United States of America as represented by the Secretary of Agriculture. Preparation of chlorin E. 2,555,383, June 5.
Wall, Sam P., assignor to Rite-Way Products Co., Chicago, Ill. Milking machine pulsator. 2,559,035, July 3.
Walla, Heinrich: *See*—
Fruhwirth, Otto, and Walla.
Wallace, Alexander E., Columbus, Ohio, assignor to M & R Dietetic Laboratories, Inc. Making lactose. 2,555,211, May 29.
Wallace, Alexander E., Columbus, Ohio, assignor to M & R Dietetic Laboratories, Inc. Making lactose. 2,555,212, May 29.
Wallace, Alexander E., and D. E. James, Jr., Columbus, Ohio, assignors to M & R Dietetic Laboratories, Inc. Making lactose. 2,555.213, May 29.
Wallace, Andrew D.: *See*—
Dunn, Holbert E., Wallace, and Mayer.
Wallace, Bert A., assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Electromagnetic relay armature retaining clip. 2,538,814, Jan. 23.
Wallace, Burgess P., Brooklyn, assignor to Whitehead Brothers Company, New York, N. Y. Mold composition. Re. 23,355, Apr. 10.
Wallace, Burgess P., Brooklyn, assignor to Whitehead Brothers Company, New York, N. Y. Mold composition. 2,558,402, June 26.
Wallace, Charles F., Westfield, assignor to Wallace & Tiernan Products, Inc., Belleville, N. J. Galvanometer. 2,538,740, Jan. 16.
Wallace, Charles F., Westfield, assignor to Wallace & Tiernan Products, Inc., Belleville, N. J. Electrical detection and measurement of fluid conditions. 2,551,479, May 1.
Wallace, Charles F., Westfield, assignor to Wallace & Tiernan Products, Inc., Belleville, N. J. Determining the concentration of a chemical constituent of a fluid. 2,560,317, July 10.
Wallace, Charles R.: *See*—
Blackford, Benjamin B., and Wallace.
Wallace, Daisy T., administratrix: *See*—
Wallace, Edward E.
Wallace, David A., Grosse Pointe, assignor to Walco, Inc., Detroit, Mich. Hoisting apparatus. 2,576,158, Nov. 27.
Wallace, David A., Grosse Pointe Farms, assignor to Chrysler Corporation, Highland Park, Mich. Power transmission mechanism. 2,540,973, Feb. 6.
Wallace, David A., Grosse Pointe Farms, assignor to Chrysler Corporation, Highland Park, Mich. Apparatus for polishing continuous strip metal. 2,567,163, Sept. 4.
Wallace, David A., Grosse Pointe Farms, assignor to Walco, Inc., Detroit, Mich. Hoisting apparatus. 2,576,907, Nov. 27.
Wallace, David A., Grosse Pointe Farms, assignor to Walco, Inc., Detroit, Mich. Hoisting apparatus. 2,576,908, Nov. 27.
Wallace, Edward E., deceased, Cleveland Heights, Ohio; D. T. Wallace, administratrix. Shock absorber. 2,545,833, Mar. 20.
Wallace, Edward H., Sherril, assignor to Oneida, Ltd., Oneida, N. Y. Electropolish interrupter. 2,564,823, Aug. 21.
Wallace, Edward M., Union, N. J. Hand shears for pinking. 2,578,616, Dec. 11.
Wallace, Frank C., North Hollywood, Calif., assignor, by mesne assignments, to H. H. Helbush. Sheet metal clamp. 2,569,392, Sept. 25.
Wallace, Fred C., assignor to Federal Telephone and Radio Corporation, New York, N. Y. Stopping mechanism. 2,549,870, Apr. 24.
Wallace, Fred C., assignor to Federal Telephone and Radio Corporation, New York, N. Y. Pulse width controlling relay system. 2,572,080, Oct. 23.
Wallace, Frederick J., assignor to American Cystoscope Makers, Inc., New York, N. Y. Electrosurgical instrument. 2,545,865, Mar. 20.
Wallace, Frederick J., assignor to American Cystoscope Makers, Inc., New York, N. Y. Surgical forceps. 2,556,783, July 12.
Wallace, George A.: *See*—
Lundberg, John E., and Wallace.
Wallace, Gordon, Long Beach, Calif. Oil sump air filter. 2,559,053, July 3.
Wallace, Henry W., Ballston Lake, N. Y., assignor to General Electric Company. Fluxmeter. 2,563,568, Aug. 7.
Wallace, James: *See*—
James, Evan L., Dium, and Wallace.
Wallace, James M.: *See*—
Rawlins, Herbert L., and Wallace.
Wallace, James M., East McKeesport, and A. W. Edwards, Pittsburgh, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Circuit interrupter. 2,542,738, Feb. 20.
Wallace, James M., Braddock, and W. L. Metz, Wilkinsburg, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Circuit interrupter. 2,549,350, Apr. 17.
Wallace, James M., Braddock, and E. F. Beach, Wilkinsburg, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Circuit interrupter. 2,573,234, Oct. 30.
Wallace, James M., East McKeesport, and J. K. Kraft, Edgewood, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Circuit interrupter. 2,575,738, Nov. 20.
Wallace, James M., East McKeesport, H. L. Rawlins, Swissvale, J. M. Cumming, and W. S. Aspey, Turtle Creek, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Circuit interrupter. 2,575,739, Nov. 20.
Wallace, James M., East McKeesport, and P. Silvius, Pittsburgh, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Interlocked switches. 2,580,338, Dec. 25.
Wallace, James M., Jr.: *See*—
Cox, Fred W., and Wallace.
Wallace, James R., assignor to Carrier-Stephens Company, Lansing, Mich. Steel bottle container. 2,541,972, Feb. 13.
Wallace, James R., assignor to Carrier-Stephens Company, Lansing, Mich. Wooden carboy crate. 2,559,236, July 3.
Wallace, Joseph S., Browns, Ala., and G. W. Flint, assignors to Standard Oil Company, Chicago, Ill. Quenching oil compositions. 2,536,403, Jan. 2.
Wallace, Marcel, assignee: *See*—
Heller, Joseph I.

Wallace, Marcel, East Portchester, Conn., assignor of one-half to Panoramic Radio Corporation, Mount Vernon, N. Y. Synchronous telemetric system. 2,538,065, Jan. 16.
Wallace, Marcel, assignor, by mesne assignments, of one-half to Marcel Wallace, doing business as Panoramic Laboratories, East Port Chester, Conn. Stratograph. 2,565,008, Aug. 21.
Wallace, Marcel, Fairfield County, Conn., assignor, by mesne assignments, of one-half to Panoramic Radio Corporation, New York, N. Y. Navigational system. 2,554,760, May 29.
Wallace, R., & Sons Manufacturing Company, assignee: *See*—
Hall, Rolland G., and Hill.
Smith, Henry B.
Wallace, Richard A., Hagerstown, Md. Portable hoist and load transporting device. 2,552,698, May 15.
Wallace, Robert L., Jr.: *See*—
Kock, Winston E., and Wallace.
Wallace, Robert L., Jr., Plainfield, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Vibration-operated transistor. 2,549,550, Apr. 17.
Wallace, Robert L., Jr., Plainfield, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Magnetic control of semiconductor currents. 2,553,490, May 15.
Wallace, Robert L., Jr., Plainfield, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Transistor. 2,563,503, Aug. 7.
Wallace, Robert L., Jr., Coolidge, Tex., and H. L. Ericson, Los Angeles, Calif., assignors to the United States of America as represented by the Secretary of the Navy. Position indicator for use in blind flying of towed gliders. 2,557,900, June 19.
Wallace, Roger W., assignor to Eastman Kodak Company, Rochester, N. Y. Quick-loading camera body and back construction. 2,566,267, Aug. 28.
Wallace, Roger W., and P. J. Ernisse, assignors to Eastman Kodak Company, Rochester, N. Y. Camera, including rapid film threading and releasing means. 2,575,035, Nov. 13.
Wallace, Ross, assignee: *See*—
McGuire, Gene S.
Wallace, Rudolf N., Glastonbury, assignor to United Aircraft Corporation, East Hartford, Conn. Free piston unit assembly. 2,578,162, Dec. 11.
Wallace, Stanley, Des Plaines, Ill. Variable speed control. 2,561,545, July 24.
Wallace, Stanley, Des Plaines, Ill. Pulley mounting and adjusting device for variable-speed transmissions. 2,561,546, July 24.
Wallace & Tiernan Co., Inc., assignee: *See*—
Booth, George M.
Wallace & Tiernan Products Corporation, assignee: *See*—
Pryor, Dean E.
Wallace, Charles F.
Wallace & Tiernan Products, Inc., assignee: *See*—
MacKay, John R.
Marks, Henry C.
Marks, Henry C., and Ludwig.
Marks, Henry C., and Strandskov.
Wallace, Charles F.
Wallace, William, Lakewood, Ohio. Caulking gun. 2,578,765, Dec. 18.
Wallach, Irving D., Port Washington, and E. C. Joost, Springfield Gardens, assignors to Associated Development & Research Corporation, New York, N. Y. Producing glass razor blades and product thereof. 2,555,214, May 29.
Wallach, Irving D., Port Washington, and G. Clark, assignors to Associated Development & Research Corporation, New York, N. Y. Automatic record changer. 2,572,684, Oct. 23.
Wallach, Robert S., Madison, N. J., assignor to Associated Development and Research Corporation, New York, N. Y. Collection and dispensing means for coins or the like. 2,547,102, Apr. 3.
Wallack, Franz F., Bruck an der Glocknerstrasse, Austria. Rotary drum snowplow. 2,555,948, June 5.
Wallance, Donald A., New York, N. Y. Combined frame and back rest support for chairs. 2,558,022, June 26.
Wallance, Donald A., New York, N. Y. Drop-leaf table. 2,563,891, Aug. 14.
Wallance, Donald A., New York, N. Y. Furniture construction. 2,572,081, Oct. 23.
Wallauschek, Richard, L'Etang-la-Ville, France. Hyperfrequency wide-band impedance matching network. 2,538,544, Jan. 16.
Wallen, George R., assignor to Anemostat Corporation of America, New York, N. Y. Air delivery device for ventilating apparatus. 2,568,044, Sept. 18.
Wallenberg, Victor H., Stockholm, Sweden. Model yacht. 2,573,745, Nov. 6.
Waller, Alfred F., assignor to St. Charles Manufacturing Co., St. Charles, Ill. Drawer guide. 2,559,237, July 3.
Waller, Arne B., Stockholm, Sweden. Lock washer. 2,561,679, July 24.
Waller, Bernard R., assignee: *See*—
Young, Henry E., and Farnham.
Waller, Coy W.: *See*—
Mowat, John H., and Waller.
Waller, Coy W., Nanuet, and R. B. Angier, Pearl River, assignors to American Cyanamid Company, New York, N. Y. Preparing glutamic acid amides. 2,543,345, Feb. 27.
Waller, Coy W., Pearl River, N. Y., and J. C. Paterson, Westfield, N. J., assignors to American Cyanamid Company, New York, N. Y. Preparing glutamic acid monoesters. 2,561,323, July 17.
Waller, Fred, Huntington, assignor to The Vitarama Corporation, Huntington Station, N. Y. Shutter for dissolving projected images with lenses of different sizes. 2,569,875, Oct. 2.
Waller, Fred, and R. C. Babish, Huntington, assignors to The Vitarama Corporation, Huntington Station, N. Y. Masking of marginal edges of overlapping images of mosaic pictures. 2,544,116, Mar. 6.
Waller, Fred, Huntington, N. Y., and W. R. Dresser, Long Hill, Conn. Apparatus for locating images on screens. 2,563,892, Aug. 14.
Waller, Fred, Huntington, and J. C. Shields, Great Neck, assignors to The Vitarama Corporation, Huntington Station, N. Y. Apparatus for holding and guiding a chain of slides for successive displays. 2,563,893, Aug. 14.
Waller, George W. D., and A. B. Moody, Annapolis, Md. Star finder. 2,543,815, Mar. 6.
Waller, Gustav M., assignor to Burgess-Norton Mfg. Co., Geneva, Ill. Reel spider for lawn mowers. 2,577,291, Dec. 4.
Waller, Ivan, Duffield, assignor to Rolls-Royce Limited, Derby, England. Expanding brake operating mechanism. 2,558,595, June 26.
Waller, John V., Arlington, Va. Preparing cinema film to depict repetitive variation of subject. 2,539,498, Jan. 30.
Waller, Milton M., Plainfield, assignor to Baker & Co., Inc., Newark, N. J. Apparatus for the purification and drying of gases. 2,577,720, Dec. 4.
Waller, Robert H., Nashville, Tenn. Can opener. 2,555,835, June 5.
Wallerstein Company, Inc., assignee: *See*—
Alba, Ralph T.
Wallerstein, James S., Schade, and Levy.
Wallerstein, Leo, Pfannmuller, and Noe.
Wallerstein, Leo, and Stone.
Wallerstein, James S., A. L. Schade, and H. B. Levy, assignors, by mesne assignments, to Wallerstein Company, Inc., New York, N. Y. Improving the foam of fermented malt beverages and product obtained thereby. 2,547,988, Apr. 10.
Wallerstein, James S., and R. T. Alba, assignors to The Overly Biochemical Research Foundation, Inc., New York, N. Y. Reducing foaming in protein-containing mixtures. 2,572,823, Oct. 23.
Wallerstein, Leo, and I. Stone, assignors to Wallerstein Company, Inc., New York, N. Y. Production of dextrose. 2,567,000, Sept. 4.
Wallerstein, Leo, New York, N. Y., J. Pfannmuller, North Plainfield, N. J., and A. Noe, Staten Island, assignors to Wallerstein Company, Inc., New York, N. Y. Stabilization of enzyme preparations. 2,567,747, Sept. 11.
Wallerstein, Leon, Jr., assignor to Lord Manufacturing Company, Erie, Pa. Flexible coupling. 2,550,101, Apr. 24.
Walley, Herbert H., Jr., Newton, Mass., assignor, by mesne assignments, to The Acro Manufacturing Co., Columbus, Ohio. Switch. 2,555,258, May 29.
Wallgren, August G. F., Stockholm, and K. E. Evrell, Eskilstuna, Sweden. Sealing means for internal-combustion motors. 2,553,222, May 15.
Wallich, Fred R., Los Angeles, Calif. Identification band. 2,561,894, July 24.
Wallin, Edward, Los Angeles, Calif. Watch band attachment. 2,559,238, July 3.
Wallin, Edwin A., Bayside, N. Y. Drier. 2,560,497, July 10.
Wallin, Francis T., Brookline, Mass. Portable respirator. 2,572,787, Oct. 23.
Wallin, Gus W., Chicago, Ill., assignor to Motorola, Inc. Bass boost circuit. 2,572,544, Oct. 23.
Wallin, Horace C., assignor of one-third to L. D. Gilbert and one-third to J. T. Johnson, Big Spring, Tex. Air humidifier for internal-combustion engines. 2,537,495, Jan. 9.
Wallin, Sven W., Jonkoping, assignor to A. B. Svenska Flaktfabriken, Stockholm, Sweden. Humidifying apparatus. 2,574,852, Nov. 13.
Wallin, Sven W., Jonkoping, assignor to A. B. Svenska Flaktfabriken, Stockholm, Sweden. Cyclone separator. 2,575,607, Nov. 20.
Wallin, Sven W., Jonkoping, assignor to AB Svenska Fläktfabriken, Stockholm, Sweden. Apparatus for cleaning hose filters. 2,576,656, Nov. 27.
Wallingford, John, Perkins Mills, Quebec, Canada. Baffle type exhaust silencer. 2,546,707, Mar. 27.
Wallingford, Vernon H., Ferguson, and D. M. Jones, Webster Groves, assignors to Mallinckrodt Chemical Works, St. Louis, Mo. Preparation of cyanoacetyl ureas. 2,553,022, May 15.
Wallingsford, Armour, Los Angeles, Calif. Machine for splicing and repairing film. 2,565,009, Aug. 21.
Wallington Weston & Company Limited, assignee: *See*—
Leeson, George W. T.

Wallis, Harold, Oakmont, Pa., assignor to American Steel Foundries, Chicago, Ill. Shank pouring pot. 2,556,125, June 5.
Wallis, Harold B.: *See*—
Clark, Kendall, Dietz, and Wallis.
Wallis, Harold B., and D. R. Neal, assignors to General Motors Corporation, Dayton, Ohio. Safety switch for covers of washing machines. 2,544,867, Mar. 13.
Wallis, John S.: *See*—
Litell, John, and Wallis.
Throckmorton, John W., and Wallis.
Wallis, John S., and J. W. Throckmorton, assignors to Petro-Chem Process Company Incorporated, New York, N. Y. Prefabricated furnace. 2,575,202, Nov. 13.
Wallis, Leonard F., Wellington, New Zealand. Formation of rubber treads on vehicle tires. 2,544,868, Mar. 13.
Walls, Leslie P., and F. C. Copp, London, England, assignors to Burroughs Wellcome & Co. (U. S. A.) Inc., Tuckahoe, N. Y. Quaternary phenanthridinium compounds. 2,577,387, Dec. 4.
Wallis, Wilson M.: *See*—
Gates, John I., and Wallis.
Wallny, John G., Landskrona, Sweden. Endless belt filter. 2,549,729, Apr. 17.
Walls, George V., Marysville, Kans. Rubber shoe sole. 2,553,616, May 22.
Walmsleys, Messrs., (Bury) Ltd., assignee: *See*—
Lyon, William.
Walper, Curry O., Kitchener, Ontario, Canada. Anti-splash heel. Re. 23,350, Mar. 27.
Walrath, Raymond L., Laurelton, N. Y. Painting apparatus. 2,556,744, June 12.
Walraven, Frances C., Atlanta, Ga. Orthoptic instrument. 2,545,180, Mar. 13.
Walraven, George M., and R. G. Knudsen, assignors to Snap-On Tools Corporation, Kenosha, Wis. Cylinder sleeve puller. 2,566,507, Sept. 4.
Walsh, Allen A., West Englewood, N. J., and G. C. Peers, St. Albans, N. Y., assignors to Radio Corporation of America. Intervalometer. 2,553,223, May 15.
Walsh, Bernard: *See*—
Hancock, William L., and Walsh.
Walsh, Bruce R., assignor to Gulf Research & Development Company, Pittsburgh, Pa. Fluid separation apparatus. 2,539,044, Jan. 23.
Walsh, Carrall H., Pine Bluff, Ark. Wire connector. 2,576,055, Nov. 20.
Walsh, Clark F., Charles City, Iowa. Wagon box elevating and tilting device. 2,549,996, Apr. 24.
Walsh, David C., Jr.: *See*—
Viles, Prentiss S., and Walsh.
Walsh, Edward C., Oak Ridge, Tenn., assignor to Flakice Corporation, Brooklyn, N. Y. Ice-making machine. 2,575,374, Nov. 20.
Walsh, Edward F., assignee: *See*—
Schluter, Bernard C.
Walsh, Edward J., Tenafly, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Grid electrode structure and manufacturing method therefor. 2,549,551, Apr. 17.
Walsh, Edward J., Tenafly, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Grid assembly and fabrication. 2,567,415, Sept. 11.
Walsh, Freeman R., Waltham, assignor to The McDonald Company, Boston, Mass. Lamp shade adjustable on lamp axis. 2,566,076, Aug. 28.
Walsh, James F., Holland, Mich., D. M. Levitt, Great Neck, N. Y., and A. H. Goodman, Holland, Mich., assignors to Doughnut Corporation of America, New York, N. Y. Manufacture of wheat protein and starch. 2,572,225, Oct. 23.
Walsh, James G.: *See*—
Hindin, Herbert B., Howe, and Walsh.
Walsh, James J., Baltimore, Md. Burglarproof lock. 2,541,563, Feb. 13.
Walsh, John J., St. Louis, Mo. Making prepared vamps for incorporation in slip lasted shoes. 2,540,850, Feb. 6.
Walsh, John J., St. Louis, Mo. Making platform type shoes. 2,551,075, May 1.
Walsh, John J., St. Louis, Mo. Open heel shoe and making the same. 2,563,505, Aug. 7.
Walsh, John J., St. Louis, Mo. Sandal having upstanding thong threaded through an instep strap. 2,565,707, Aug. 28.
Walsh, John M., Jr.: *See*—
Ginder, John C. S., and Walsh.
Walsh, John S., San Francisco, Calif. Lighting fixture for use with elongated tubular lamps. 2,545,058, Mar. 13.
Walsh, Joseph M.: *See*—
Grady, George A., and Walsh.
Walsh, Ralph: *See*—
Martin, Earnest E., and Walsh.
Walsh, Ralph, assignee: *See*—
Martin, Earnest E.
Walsh, Ralph E., Long Branch, assignor to Breeze Corporations, Inc., Newark, N. J. Forming shielded conductors. 2,553,690, May 22.
Walsh, Raymond A., Davenport, Iowa. Pump. 2,545,506, Mar. 20.
Walsh, Robert, Erie, Pa., assignor to General Electric Company. Railway vehicle center bearing. 2,550,505, Apr. 24.
Walsh, Robert, Wilmington, Del., assignor to American Car and Foundry Company, New York, N. Y. Welding together metallic members. 2,559,483, July 3.
Walsh, Thomas J., Shaker Heights, G. L. Ladd, Toledo, and D. W. Heil, assignors to The Standard Oil Company, Cleveland, Ohio. Manufacture of lubricating oil. 2,538,066, Jan. 16.
Walsh, Thomas P., Garrett, Ind. Dispenser. 2,567,089, Sept. 4.
Walsh, William C., Chicago, Ill. Exhaust attachment. 2,558,023, June 26.
Walshin, Murray, assignor to Silent-Flame Manufacturing Co., Inc., New York, N. Y. Oil burner. 2,570,996, Oct. 9.
Walstrom, John E., Diablo, Calif., assignor to Raytheon Manufacturing Company, Newton, Mass. Welding of thermoplastic materials with application of high-frequency dielectric energy and pressure. 2,572,226, Oct. 23.
Walstrom, John E., Middlesex County, Mass., assignor to The Girdler Corporation, Louisville, Ky. Arc-over protective system for high-frequency heating systems. 2,548,246, Apr. 10.
Walstrum, James N.: *See*—
Burg, Kenneth E., and Walstrum.
Walt, Albert J.: *See*—
Ahern, William B., and Walt.
Walte, Charles, Sr., Louisville, Ky. Rotary blade power lawn mower. 2,577,938, Dec. 11.
Walter, Carlyle D., Porter County, Ind. Circular fluorescent lighting apparatus to replace an incandescent lamp in stand lamps. 2,579,026, Dec. 18.
Walter, Charles T., Indianapolis, Ind., assignor, by mesne assignments, to Swift & Company. Compressing machine. 2,542,739, Feb. 20.
Walter, Charles T., L. R. Newton, and H. E. Haase, Chicago, Ill., assignors, by mesne assignments, to Swift & Company. Paper carton machine. 2,552,127, May 8.
Walter, Ernest, Montclair, assignor to Porete Manufacturing Company, North Arlington, N. J. Making floor and roof constructions. 2,550,627, Apr. 24.
Walter, George E., Baltimore, and I. Hornstein, East Riverdale, assignors to The Glenn L. Martin Company, Middle River, Md. Organic compounds containing phosphorus and bromine. 2,574,515, Nov. 13.
Walter, George E., Baltimore, I. Hornstein, East Riverdale, and G. M. Steinberg, Baltimore, assignors to The Glenn L. Martin Company, Middle River, Md. Unsaturated aliphatic phosphonamides. 2,574,516, Nov. 13.
Walter, George E., Baltimore, I. Hornstein, East Riverdale, and G. M. Steinberg, Baltimore, assignors to The Glenn L. Martin Company, Middle River, Md. Unsaturated aliphatic phosphonamides. 2,574,517, Nov. 13.
Walter, George E., Baltimore, and I. Hornstein, East Riverdale, assignors to The Glenn L. Martin Company, Middle River, Md. Organic compounds containing phosphorus and bromine. 2,574,518, Nov. 13.
Walter, Henry A.: *See*—
Park, Harold F., and Walter.
Walter, Henry A., Longmeadow, Mass., assignor to Monsanto Chemical Company, St. Louis, Mo. 2,5-diamino-1-thiadiazine-3,4 and derivatives thereof. 2,536,521, Jan. 2.
Walter, Henry A., Longmeadow, Mass., assignor to Monsanto Chemical Company, St. Louis, Mo. Preparing melamine. 2,556,126, June 5.
Walter, John M., assignor to G. A. Gray Company, Cincinnati, Ohio. Planer drive. Re. 23,331, Jan. 16.
Walter, John M., assignor to The G. A. Gray Company, Cincinnati, Ohio. Clapper block. 2,539,878, Jan. 30.
Walter, John M., assignor to The G. A. Gray Company, Cincinnati, Ohio. Saddle locking device. 2,555,259, May 29.
Walter, John M., assignor to The G. A. Gray Company, Cincinnati, Ohio. Gang cutter. 2,556,127, June 5.
Walter, John M., assignor to The G. A. Gray Company, Cincinnati, Ohio. Way guard. 2,557,850, June 19.
Walter, Jules G.: *See*—
Butterworth, Harry W., Jr., S. and M. Cohn, and Walter.
Walter, Lawrence B.: *See*—
Larsen, Leonard O., and Walter.
Walter, Orville L.: *See*—
Clarke, Harry R., Elmer, Herckmans, and Walter.
Walter, Paul R., East Orange, N. J., and J. W. Thompson, Weymouth Heights, Mass., assignors to Combustion Engineering-Superheater, Inc. Overheat protection for steam reheaters. 2,579,027, Dec. 18.
Walterisation Company Limited, The, assignee: *See*—
Drysdale, Royston F.
Waltermire, Fred F.: *See*—
Brown, Cicero C., and Waltermire.
Walters, Ben, New York, N. Y. Drapery shaper. 2,544,516, Mar. 6.
Walters, Bruce G., Elsinore, Calif. Portable knife grinder for woodworking machines. 2,549,147, Apr. 17.
Walters, Edmund, Evansville, Ind., assignor to Republic Aviation Corporation, Farmingdale, N. Y. Setting tool. 2,573,235, Oct. 30.

Walters, Emmett L., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Apparatus for supporting glass sheets during bending. 2,537,803, Jan. 9.
Walters, Ernest L., assignor to Shell Development Company, San Francisco, Calif. Color stabilizers. 2,573,779, Nov. 6.
Walters, Frank J., and H. B. Nelson, U. S. Navy. Rotary cleaning tool. 2,548,923, Apr. 17.
Walters, George F., Gary, Ind. System and apparatus for distributing and delivering granular materials. 2,553,024, May 15.
Walters, George M., and R. W. Walters, San Francisco, Calif. Electrically operated reflex camera. 2,539,499, Jan. 30.
Walters, Gustav, assignor to The Russell Manufacturing Company, Middletown, Conn. Friction disk. 2,555,260, May 29.
Walters, Gustav, assignor to The Russell Manufacturing Company, Middletown, Conn. Brake lining. 2,555,261, May 29.
Walters, Harry W., Erie, assignor of one-half to R. G. Annan, Pittsburgh, Pa. Checker-brick. 2,577,170, Dec. 4.
Walters, Herbert E., San Francisco, assignor to W. E. Kindley, Oakland, Calif., and T. L. Hyde, The Dalles, Oreg. Foot massaging and vibrating device. 2,542,221, Feb. 20.
Walters, John, Los Angeles, Calif. Automatic door opener. 2,553,023, May 15.
Walters, John N., deceased, New York, N. Y.: R. P. Walters, administratrix. Roof rail. 2,576,657, Nov. 27.
Walters, Leonard J.: *See*—
Kraeft, Herman L., Walters, and Skerl.
Walters, Lewis, New York, N. Y. Feeding mechanism. 2,548,834, Apr. 10.
Walters Manufacturing Company, assignee: *See*—
Flowers, Stanley A.
Walters, Rose P., administratrix: *See*—
Walters, John N.
Walters, Russell W.: *See*—
Walters, George M. and R. W.
Walters, Trevor L., Kenton, Harrow, England, assignor to International Standard Electric Corporation, New York, N. Y. Electronic telegraph repeater. 2,561,434, July 24.
Walters, Vernon, Denver, Colo., assignor to Howry-Berg, Inc. Plant dusting device. 2,554,432, May 22.
Waltham Screw Company, assignee: *See*—
Sandager, William, Jr.
Walther, Adolf, Oberentfelden, Switzerland. Machine for drilling and studding brushes. 2,573,519, Oct. 30.
Walther, Daniel A., assignor to The Dayton Steel Foundry Company, Dayton, Ohio. Tractor fifth wheel mounting. 2,543,749, Mar. 6.
Walther, Fletcher D., Kirkwood, Mo. Slidably adjustable birdcall. 2,544,370, Mar. 6.
Walti, Alphonse, Westfield, N. J., assignor to Interchemical Corporation, New York, N. Y. Stable histidine ascorbate. 2,570,734, Oct. 9.
Waltke, Edwin H., Los Angeles, Calif. Cartridge belt feeding mechanism. 2,558,801, July 3.
Waltman, Joseph P., Laurel, Miss. Preheating unit for evaporators. 2,553,691, May 22.
Walton, Alfred L., Blackpool, England. Appliance for use in sharpening safety razor blades. 2,549,148, Apr. 17.
Walton, Arthur K., and T. H. Cline, assignors to Newark Stove Company, Newark, Ohio. Removable heat unit for table top stoves. 2,548,183, Apr. 10.
Walton, Cecil E., Cleveland, Ohio, assignor to the United States of America as represented by the Secretary of the Navy. Recorder drive mechanism. 2,572,546, Oct. 23.
Walton, Cecil E., New London, Conn., assignor to the United States of America as represented by the Secretary of the Navy. Overrunning clutch. 2,537,722, Jan. 9.
Walton, Cecil E., New London, Conn., assignor to the United States of America as represented by the Secretary of the Navy. Self-locking clutch. 2,561,159, July 17.
Walton, Charles E., New York, N. Y. Golf club bag support. 2,571,088, Oct. 9.
Walton, Clifford T.: *See*—
Hunzicker, Dean L., and Walton.
Walton, David J., assignor to Stewart-Warner Corporation, Chicago, Ill. Can opener. 2,563,569, Aug. 7.
Walton, Donald F., West Orange, N. J. Heat retaining curtain. 2,537,611, Jan. 9.
Walton, Donald R.: *See*—
Carey, Claude H., and Walton.
Walton, George, Cincinnati, Ohio. Meta-phthalic acid anhydride and making same. 2,570,890, Oct. 9.
Walton, George M., Shaker Heights, assignor to Air-Maze Corporation, Cleveland, Ohio. O-ring seal. 2,537,249, Jan. 9.
Walton, Howard T.: *See*—
Ludwig, Leon R., Fockler, Formhals, and Walton.
Schueler, Alfred E., and Walton.
Walton, Howard T., Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Push-button switch. 2,558,113, June 26.
Walton, Hurshel K., Marshall, Mo. Combination protractor and level. 2,549,950, Apr. 24.
Walton, Richard R.: *See*—
Clifford, Walter B., and Walton.
Walton, Robert S., Los Angeles, Calif. Fish line retarding device and release. 2,537,321, Jan. 9.
Walton, Roy, Los Angeles, Calif. Mixer. 2,551,984, May 8.
Walton, Samuel F.: *See*—
Amberg, Charles R., and Walton.
Walton, Sydney A., assignor to S. Smith & Sons (England) Limited, London, England. Instrument panel for accommodating changeable arrays of instruments. 2,538,489, Jan. 16.
Walton, William T., Chicago, Ill., assignor to The Sherwin-Williams Company, Cleveland, Ohio. Vulcanized polymer and making the same. 2,563,142, Aug. 7.
Waltz, Joseph, assignee: *See*—
Waltz, Stanley.
Waltz, Joseph E., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Melt spinning process. 2,571,975, Oct. 16.
Waltz, Stanley, assignor of one-third to J. Waltz and one-third to W. Waltz, Chicago, Ill. Wax applicator. 2,551,776, May 8.
Waltz, William, assignee: *See*—
Waltz, Stanley.
Walworth, Clarence B., Jr., Rocky Hill, Conn. Shaded pole motor. 2,543,816, Mar. 6.
Walworth Company, assignee: *See*—
Van Deventer, Frank M.
Walz, Carl F., assignor to Durkee-Atwood Company, Minneapolis, Minn. Frost shield and making same. 2,559,098, July 3.
Walz, Claude W.: *See*—
Bozeman, Virgil F., and Walz.
Walz, Claude W., and T. J. Risley, Rock Island, assignors to Deere & Company, Moline, Ill. Beet harvester. 2,538,402, Jan. 16.
Walz, Claude W., Rock Island, and H. F. Clausen, assignors to Deere & Company, Moline, Ill. Beet topper with top cleaning means. 2,557,711, June 19.
Walz, Richard F., Manhattan Beach, assignor to The Walkirt Company, Culver City, Calif. Flash-back indicator. 2,558,637, June 26.
Wampach, Robert G., assignor to Teletype Corporation, Chicago, Ill. Motor control arrangement. 2,538,994, Jan. 23.
Wampler, Elvin L.: *See*—
Neff, Loren L., and Wampler.
Skinner, Davis A., and Wampler.
Wampler, Melville E., Chicago, Ill. Stapling device. 2,545,397, Mar. 13.
Wampole, Oliver J., and F. M. Brown, Rochester, and C. M. Tuttle, Huntington Station, assignors to Eastman Kodak Company, Rochester, N. Y. Apparatus for processing continuous film. 2,548,573, Apr. 10.
Wanamaker, Elmer M., W. L. Hammerquist and W. D. Morgan, Jr., assignors to Electro Manganese Corporation, Knoxville, Tenn. Molybdenum control for manganese electrowinning. 2,538,995, Jan. 23.
Wanamaker, Robert L.: *See*—
Young, Charles M., and Wanamaker.
Wandel, Bronislaw, Boston, Mass. Wall supported rotatably mounted dispenser having an apertured base through which a brush operated means is accessible. 2,555,100, May 29.
Wandel, Oscar A., assignor to H. A. Torstenson, Chicago, Ill. Magazine closure for stapling machines. 2,556,992, June 12.
Wandel, Oscar A., assignor to Henry A. Torstenson, Chicago, Ill. Pneumatic tacker. 2,558,403, June 26.
Wandell Associates, Inc., assignee: *See*—
Wandell, James W.
Wandell, James W., assignor to Wandell Associates, Inc., New York, N. Y. Drying urea-aldehyde reaction masses containing clay as a filler. 2,554,161, May 22.
Wandelt, Richard F., Gladstone, N. J. Heat radiator and radiating heat. 2,573,120, Oct. 30.
Wandelt, Richard F., Gladstone, N. J. Radiant heating and drying device. 2,573,121, Oct. 30.
Wang, Chao C., Bayside, assignor to The Sperry Corporation, Great Neck, N. Y. Charged particle beam forming apparatus. 2,564,743, Aug. 21.
Wangerin, Elmer O: *See*—
Nivison, Wade S., and Wangerin.
Wangerin, Elmer O., and R. W. Wetherald, assignors to Eastman Kodak Company, Rochester, N. Y. Multiple motor drive. 2,571,801, Oct. 16.
Wängsjö, Hans J. U.: *See*—
Dalin, Davd, and Wängsjö.
Wanish, George G., Cortland, N. Y. Corset. 2,560,145, July 10.
Wanish, George G., Cortland, N. Y. Corset. 2,568,837, Sept. 25.
Wanless, Graham G.: *See*—
Gould, Leslie R., and Wanless.
Wannamaker, William H., Jr., Flourtown, Pa., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Oscillator controlled relay system. 2,559,266, July 3.
Wannamaker, William H., Jr., Flourtown, Pa., assignor, by mesne assignments, to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Control apparatus. 2,564,937, Aug. 21.

Wannamaker, William H., Jr., Flourtown, Pa., assignor, by mesne assignments, to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Analyzing apparatus. 2,576,056, Nov. 20.

Wannebo, Otto, Pine River, Minn. Mounting for guard finger with ledger plates. 2,577,939, Dec. 11.

Wanner, George D., Dayton, Ohio. Kite. 2,537,560, Jan. 9.

Wanner, George W., Aspinwall, Pa. Spring actuated pivoted snap hook. 2,565,153, Aug. 21.

Wanzenberg, Frederick W., Evanston, assignor to W. C. Dillon & Company, Inc., Chicago, Ill. Tensile grip. 2,537,322, Jan. 9.

Wanzer, Arthur W., assignor to Murray & Tregurtha, Inc., Quincy, Mass. Outboard propeller mechanism for boats, barges, and the like. 2,536,894, Jan. 2.

Wanzer, Arthur W., assignor to Murray & Tregurtha, Inc., Quincy, Mass. Outboard propeller mechanism. 2,579,221, Dec. 18.

Wapner, Joseph: *See*—
Van Dyke, Karl S.
Wapner, Joseph S.

Wapner, Joseph S., assignor to F. P. Radest and J. Wapner, co-partners doing business as R & W Instrument Co., Brooklyn, N. Y. Electronic method and apparatus for determining potential unbalance. 2,570,414, Oct. 9.

Wapner, Morris, New York, N. Y. Presser foot needle guard for sewing machines. 2,556,406, June 12.

Wap-O Company, The, assignee: *See*—
Trepanier, Clifford L.

Wappner, Ralph C., assignor to The Ohio Thermometer Co., Inc., Springfield, Ohio. Thermometer construction. 2,556,862, June 12.

War, United States of America as represented by the Secretary of, assignee: *See*—
Africano, Alfred.
Alvarez, Luis W., and Johnston.
Anderson, Wilmer C.
Arenberg, David L.
Bainbridge, Kenneth T.
Ball, Alpheus M.
Barker, Maurice E.
Belleville, Logan M.
Berger, France B., and Slack.
Bess, Leon.
Bishop, Amasa S.
Branchflower, Dale R., White, and Winter.
Brenner, Abner, Burkhead, and Riddell.
Bryan, James D., and Starr.
Caraway, John B.
Champney, Hubert H., and Counterman.
Chance, Britton.
Chinn, Howard A., and Dyer.
Christensen, John W., and Moyer.
Clark, James L.
Clay, John P., and Elkins.
Close, Richard N.
Cohn, Seymour B.
Coleman, Joseph E.
Coomes, Edward A., and Forsbergh.
Cooper, Harold S. G., and Schultz.
Coyle, Joseph E., and Younker.
Davis, George B., Jr.
Dicke, Robert H.
Doolittle, Howard D.
Duffin, Richard J.
Dunbar, Allen S.
Durand, Eric, and Hollingsworth.
Early, Harold C.
Elliott, Harold F.
Emslie, Alfred G.
Finkelstein, Leo.
Finkelstein, Leo, and Magram.
Fletcher, Maurice J.
Forbes, Gordon D.
Forbes, Gordon D., and Shapiro.
Foster, Donald D.
Fredrick, Arden H., Greenwood, and Swartwout.
Gaerttner, Erwin R.
Gaffney, Francis J., and Reed.
Garand, John C.
Gardner, John H.
Gerhardt, William R.
Golian, Serge E.
Gray, John W.
Grisamore, Nelson T., and Kossiakoff.
Gross, William E., and Rockwell.
Hales, Everett B.
Halpern, Julius, and Pound.
Hare, Donald G. C.
Haworth, Leland J.
Haworth, Leland J., and Sherwin.
Heiles, Alfred.
Hickman, Clarence N.
Higinbotham, William A.
Higinbotham, William A., and Slack.
Hillman, Leon.
Hite, George, and Whitham.
Hoglund, Ralph H., Hulstede, and Yakutis.
Hollingsworth, Lowell M.

War, United States of America as represented by the Secretary of, assignee: *See*—Continued.
Howes, Douglas E.
Huber, William A., and Pope.
Hudson, Herbert E., Jr.
Huggins, William H., and Richards.
Jackson, Ernest L.
Jacobsen, Andrew B.
Johnston, Lawrence H.
Kass, Sholom, and Sperling.
Kamm, Wilbur F.
Kharasch, Morris S.
Kling, August J.
Levin, Irvin.
Lee, Norman E.
Lipkin, Harry J.
Lisk, George F., and Stacy.
Livingood, John J., Salisbury, and Welch.
Longmire, Conrad L.
Macnee, Alan B.
MacNichol, Edward F., Jr.
McElhannon, Raymond J.
Martin, Edward G.
Meagher, Ralph E.
Mizen, Carlton A.
Morrell, Jacque C.
Nibbe, George H.
Nichols, Nathan P.
Nordsieck, Arnold T.
O'Day, Marcus D.
Oglesby, Nicholas E., and Weaver.
Perkins, George D., and Stone.
Porter, Henry H.
Pound, Robert V.
Preckel, Ralph F.
Preston, William M.
Prichard, Arthur C.
Purcell, Edward M.
Raymond, Richard C.
Reed, John C., Jr.
Reichert, Joseph S., and Peakes.
Riblet, Henry J.
Riblet, Henry J.
Riblet, Henry J., and Van Valkenburg.
Rabinow, Jacob.
Rambo, William R.
Reed, John C., Jr.
Reedy, Paul H.
Riblet, Henry J., and Steinberger.
Riggs, Lorrin A.
Roberts, Edgar C., and Davis.
Roth, Wilfred.
Rueggeberg, Walter H. C., Catlin, and Cook.
Ruze, John, and Woodyard.
Saad, Theodore S.
Salisbury, Winfield W.
Sampson, Frederick W., and Hyde.
Schade, Arthur L.
Scherr, Harry, and Little.
Schmitt, Otto H.
Schneider, Edwin G.
Sichak, William.
Silliman, Robert M.
Simpson, Clarence E.
Simpson, Frank R., and Saccas.
Skinner, Leslie A., and Folse.
Southern, John A., Roth, Licata, and Cunder.
Stafford, Jerome W., and Garman.
Steigerwalt, Oliver I.
Stewart, Duncan J.
Tomberg, Sidney.
Tucker, William.
Van Voorhis, Stanley N.
Van Wambeck, Stanley H.
Weinstein, David H., and Keiser.
White, Harry J.
White, Warren D.
Whitford, Albert E.
Whitson, William L.
Williams, Everard M.
Winter, David F.
Witzky, Julius E., Lang, and Jakob.
Wood, William H.
Worthington, Harvey R., Jr.
Yaglou, Constantin P.

Warburton, Fred, assignor to Cable and Wireless Limited, London, England. Telegraph transmitter with message numbering. 2,574,362, Nov. 6.

Warburton, Ray W.: *See*—
Roos, William J., and Warburton.

Warburton, Ray W., Medfield, Mass., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Electrostatic precipitator. 2,567,899, Sept. 11.

Warburton, Ray W., Medfield, Mass., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Electrostatic precipitator. 2,571,079, Oct. 9.

Warburton, Ray W., Medfield, Mass., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Electrostatic precipitator. 2,579,445, Dec. 18.

Warburton, Samuel: *See*—
French, George F. and R., and Warburton.

Warcup, Frederick J., Nyack, N. Y. Apparatus for cleaning beer lines. 2,563,385, Aug. 7.
Ward, Abraham W., San Francisco, Calif. Saliva ejector. 2,574,135, Nov. 6.
Ward, Arthur B., Gill, Mass. Litter conditioner and scratch feed or lime distributor. 2,545,059, Mar. 13.
Ward Baking Company, assignee: *See*—
Hoffman, Charles, Schweitzer, Anwar, and Dalby.
Ward, Blenkinsop & Company Limited, assignee: *See*—
Bywater, Sheila E., and Pritchard.
Craven, Alfred B., and Pritchard.
Goldberg, Alan A.
Goldberg, Alan A., and Thomas.
Goldberg, Alan A., and Walker.
Pritchard, Gordon J.
Ward, Clarence E., assignor to Mishawaka Rubber and Woolen Manufacturing Company, Mishawaka, Ind. Strip cutter and marker. 2,571,976, Oct. 16.
Ward, Clifford F. E., Inglewood, Calif. Flame cutting apparatus. 2,554,513, May 29.
Ward, Harold, Westhoughton, England, assignor, by mesne assignments, to Calmic Inc., New York, N. Y. Apparatus for deodorizing the atmosphere. 2,545,755, Mar. 20.
Ward, Hugh J.: *See*—
McWhirter, Eric M. S., Dunn, Warden, Ward, Fonseca, and Collier.
McWhirter, Eric M. S., and Ward.
McWhirter, Eric M. S., Warden, and Ward.
Ward, John S., Akron, W. C. Johnson, Cuyahoga Falls, H. A. Trishman, Hudson, and E. H. Stratton, Cuyahoga Falls, assignors of one-half to Wingfoot Corporation, and one-half to The Adamson Machine Company, Akron, Ohio. Dynamometer for use with brake-testing apparatus. 2,554,162, May 22.
Ward, Lawrence T.: *See*—
Wood, Geoffrey H., and Ward.
Ward Leonard Electric Company, assignee: *See*—
Andrews, Rufus A.
Bastian, Arthur L.
Logan, Frank G.
Ward, Leslie R., South Harrow, assignor to Truvox Engineering Company Limited, Wembley, England. Electromagnetic transducer. 2,537,723, Jan. 9.
Ward, Loyd, Detroit, and E. D. Taylor, assignors to Tomkins-Johnson Company, Jackson, Mich. Feeder for movable anvil riveting machines. 2,564,139, Aug. 14.
Ward, Orbie W.: *See*—
Arps, Jan J., and Ward.
Ward, Raymond R., Brecksville, and H. A. Waters, Columbus, assignors to The Sherwin Williams Company, Cleveland, Ohio. Spraying device. 2,539,559, Jan. 30.
Ward, Raymond W., Maplewood, N. J. Dispensing container. 2,569,963, Oct. 2.
Ward, Roger, Upper Falls, assignor to The Glenn L. Martin Company, Middle River, Md. Stabilized aircraft antenna. 2,574,853, Nov. 13.
Ward, Rufus N., assignee: *See*—
Hicks, Marvin L.
Ward, Sam A., assignor to Orange Hosiery Mills, Efland, N. C. Thread tensioning lubricator. 2,566,005, Aug. 28.
Ward, Sam A., assignor to Orange Hosiery Mills, Efland, N. C. Automatic thread tensioning and lubricating device. 2,566,006, Aug. 28.
Ward, Sena M., Batavia, N. Y. Diaper. 2,577,096, Dec. 4.
Ward, Tracy H., Cleveland, Ohio. Handle attachment for containers. 2,564,043, Aug. 14.
Ward, Virginia M., San Antonio, Tex. Manicure bowl and stand assembly. 2,561,001, July 17.
Ward, Wallace W., Bloomfield, assignor to Products Engineering Laboratories Co., Inc., Newark, N. J. Photographic apparatus. 2,556,784, June 12.
Ward, Walter E., Berkeley, and F. A. Cutter, Oakland, Calif., assignors to Cutter Laboratories, Inc. Disposal syringe. 2,554,351, May 22.
Ward, Walter E., Berkeley, and F. A. Cutter, Oakland, Calif., assignors to Cutter Laboratories, Inc. Disposal syringe. 2,554,352, May 22.
Ward, William B., Kansas City, Mo. Bulletin board. 2,544,404, Mar. 6.
Ward, William E., Cleveland, Ohio, assignor to Clearing Machine Corporation, Chicago, Ill. Double-action metal drawing press. 2,550,064, Apr. 24.
Warden, Frederick W.: *See*—
Dunn, Roland H., and Warden.
McWhirter, Eric M. S., Dunn, Warden, Ward, Fonseca, and Collier.
McWhirter, Eric M. S., Warden, and Ward.
Warden, Horace F. W., assignee: *See*—
Lum, George F.
Ware, Paul, Pompton Plains, assignor to Allen B. Du Mont Laboratories, Inc., Passaic, N. J. Spiral tuning device. 2,575,856, Nov. 20.
Wardleworth, James: *See*—
Coffey, Samuel, Fairweather, Lodge, and Wardleworth.
Coffey, Samuel, Haddock, Lodge, Wardleworth, and Wood.
Coffey, Samuel, Lodge, and Wardleworth.
Wardleworth, James, Manchester, England, assignor to Imperial Chemical Industries Limited. Sulfonated anthrapyrimidines and preparing the same. 2,557,328, June 19.
Wardlyn Corporation, assignee: *See*—
Flynn, Vincent J.
Wardrip, James J., Eureka, and R. D. Woodson, Kansas City, Kans. Bait casting float. 2,554,318, May 22.
Ware, Arnold G: *See*—
Seegers, Walter H., Loomis, and Ware.
Ware, Cecil, Houston, Tex. Cementing packer assembly. 2,564,240, Aug. 14.
Ware, Walter, assignor to Chicago Roller Skate Company, Chicago, Ill. Roller skate. 2,560,017, July 10.
Warf, James C., Ames, Iowa, assignor to the United States of America as represented by the United States Atomic Energy Commission. Preparation of uranium hydride. 2,536,616, Jan. 2.
Warf, James C., Los Angeles, Calif., assignor to the United States of America as represented by the United States Atomic Energy Commission. Extraction process for cerium. 2,564,241, Aug. 14.
Warfel, Lorena M., Los Angeles, Calif. Pastry patter, 2,543,682, Feb. 27.
Warfel, William W., Chicago, Ill. Adjustable tool grinding machine. 2,554,689, May 29.
Warfield, Charles C., Lexa, Ark. Emergency key holder for automobiles. 2,552,699, May 15.
Waring, Anna, executrix: *See*—
Waring, Olaf I.
Waring, Arthur, Birmingham, England. Chuck. 2,539,045, Jan. 23.
Waring, Charles E., Baltimore, Md., assignor to General Motors Corporation, Dayton, Ohio. Impregnated aluminum oven liner. 2,537,433, Jan. 9.
Waring, Edward M., Bristol, Pa., assignor of one-third to E. H. Walbridge, Libertyville, Ill., one-third to W. L. Hart, Paterson, N. J., and one-third to C. B. Blair, Poultney, Vt. Internal-combustion engine with compound head. 2,559,484, July 3.
Waring, Lillian H., Brooklyn, N. Y. Memorandum calendar. 2,574,899, Nov. 13.
Waring, Olaf I., deceased, Flushing, N. Y.; A. Waring, executrix. Capillary applicator. 2,561,252, July 17.
Waring, Robert W., Fairfield, Conn. Dispenser for hygroscopic materials. 2,568,526, Sept. 18,
Warka, Charles J.: *See*—
Kuehl, Hugo H., Warka, and Porter.
Warman, Ora J., South Gate, Calif. Tube closure. 2,554,353, May 22.
Warmann, Roland E., Pershing, Mo. Breaching and butting control for cattle. 2,566,437, Sept. 4.
Warmey, Bernard A., Delavan, Wis., assignor to The George W. Borg Corporation, Chicago, Ill. Method and apparatus for making resistance elements. 2,537,434, Jan. 9.
Warmey, Bernard A., assignor to The George W. Borg Corporation, Delavan, Wis. Resistance element. 2,537,435, Jan. 9.
Warmoltz, Nicolaas, Eindhoven, Netherlands, assignor to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Electron discharge tube. 2,557,774, June 19.
Warne, Eugene H.: *See*—
Lawrence, Owen N., and Warne.
Warne, Joseph R., Pottsville, Pa. Combined medicine bottle cap and measuring cup. 2,543,427, Feb. 27.
Warne, Robert E., Honolulu, Territory of Hawaii. Lightweight refrigerant block. 2,568,975, Sept. 25.
Warnecke, Harry W., Putnam Valley Township, Putnam County, N. Y. Making color printing plates. 2,577,984, Dec. 11.
Warnecke, Robert, Paris, France, assignor to Compagnie Generale de Telegraphie Sans Fil. Amplifier valve for ultra-short waves. 2,540,019, Jan. 30.
Warnecke, Robert, and A. J. Ortusi, Paris, France, assignors to Compagnie Generale de Telegraphie Sans Fil. High-frequency pulse producing apparatus. 2,543,213, Feb. 27.
Warnecke, Robert, and P. Guénard, Paris, France, assignors to Compagnie Generale de Telegraphie Sans Fil. Electronic transmitting valve of great power for ultra short waves. 2,564,385, Aug. 14.
Warnecke, Robert, and J. Bernier, Paris, France, assignors to Compagnie Generale de Telegraphie Sans Fil. Electronic valve for operating on very short waves. 2,565,708, Aug. 28.
Warneke, Roman C., Fort Wayne, Ind., assignor to General Electric Company. Reciprocating compressor with unloading and capacity modulating control. 2,555,005, May 29.
Warner Aircraft Corporation, The, assignee: *See*—
Majneri, Ludwig A.
Warner, Archibald A., Rockford, assignor to Borg-Warner Corporation, Chicago, Ill. Propeller shaft and universal joint assembly. 2,559,485, July 3.
Warner, Archibald A., Rockford, assignor to Borg-Warner Corporation, Chicago, Ill. Fabricated splined shaft. 2,571,318, Oct. 16.
Warner, Arthur J., North Caldwell, N. J., assignor to International Standard Electric Corporation, New York, N. Y. Halogenated aromatic hydrocarbons and making same. 2,552,607, May 15.
Warner, Arthur J., North Caldwell, N. J., assignor to International Standard Electric Corporation, New York, N. Y. Halogenated aromatic hydrocarbons and making same. 2,552,608, May 15.

Warner, Arthur P., Beloit, Wis. Magnetically controlled friction clutch. 2,555,215, May 29.
Warner, Arthur W., Jr.: *See*—
Ruggles, David M., and Warner.
Warner, Benjamin R., Chicago, Ill., assignor to Guardite Corporation. Tempering wheat. 2,560,615, July 17.
Warner, Benjamin R., Chicago, Ill., and W. A. Pardee, assignors to Gulf Research & Development Company, Pittsburgh, Pa. Reactivating a silica-alumina catalyst by impregnation with boria. 2,579,133, Dec. 18.
Warner Brothers Pictures, Inc., assignee: *See*—
Gibbons, James A.
Warner, De Ver K., and D. R. Martin, Los Angeles, and E. L. Bellows, Venice, Calif., assignors to North American Aviation, Inc. Camera drive mechanism. 2,569,031, Sept. 25.
Warner, Donald T.: *See*—
Moe, Owen A., and Warner.
Warner, Donald T., and O. A. Moe, Minneapolis, Minn., assignors to General Mills, Inc. Gamma acetoxy-gamma, gamma dicarbalkoxy-butyraldeydes and process. 2,546,958, Apr. 3.
Warner, Donald T., and O. A. Moe, Minneapolis, Minn., assignors to General Mills, Inc. Synthesis of beta-cyanopropionaldehyde and related compounds. 2,565,537, Aug. 28.
Warner, Donald T., and O. A. Moe, Minneapolis, Minn., assignors to General Mills, Inc. Dialdehydo compounds. 2,575,375, Nov. 20.
Warner, Donald T., and O. A. Moe, Minneapolis, Minn., assignors to General Mills, Inc. Formyl cyclohexene nitriles and esters. 2,575,376, Nov. 20.
Warner, Douglas K., Sarasota, Fla. Stabilizer for wide pressure planes. 2,559,036, July 3.
Warner Electric Brake & Clutch Company, assignee: *See*—
Mason, James A.
Oetzel, John G.
Titus, Armour H.
Warner, Harold W., San Diego, Calif. Sperm receptacle for analysis. 2,569,702, Oct. 2.
Warner, Harry L.: *See*—
Johnson, Dale C., Warner, and Zambruno.
Warner, Homer C., assignor to The Lees Bradner Company, Cleveland, Ohio. Hobbing machine. 2,563,982, Aug. 14.
Warner, Homer C., assignor to The Lees-Bradner Company, Cleveland, Ohio. Finishing machine. 2,567,090, Sept. 4.
Warner-Hudnut, Inc., assignee: *See*—
Hoos, Curtis G.
Leonard, Frederick.
Wuest, Heinz M.
Warner, Irving, Wilmington, Del. Concrete transporting body. 2,544,202, Mar. 6.
Warner, Jacob, Los Angeles, Calif. Combined battery filling cap and plug. 2,565,010, Aug. 21.
Warner, James O., assignee: *See*—
Floyd, Ray H.
Warner, John K., Tucson, Ariz. Cattle guard. 2,539,214, Jan. 23.
Warner, Kenneth W., Chicago, Ill. Magnifying attachment for sewing machines. 2,554,544, May 29.
Warner, Lewis E., North Hollywood, Calif., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Combination box spring and mattress. 2,560,018, July 10.
Warner, Louis A., Chicago, Ill. Navigational instrument. 2,545,935, Mar. 20.
Warner, Paul F.: *See*—
Tooke, James W., and Warner.
Warner, Robert B., and S. Ford, Los Angeles, Calif., assignors to Ford Warner Manufacturing Company. Stenographic copyholder. 2,559,811, July 10.
Warner, Russell A.: *See*—
Millar, Norval P., and Warner.
Warner, Russell O., Yakima, Wash. Load-carrying attachment for toy tractors. 2,557,851, June 19.
Warner, Ruth B.: *See*—
Thurston, Jack T., and Warner.
Warner & Swasey Company, The, assignee: *See*—
Bechberger, Earl H.
Curtis, Myron S.
Curtis, Myron S., and Schoepe.
Hudson, Thomas J.
Lange, Max E.
Longstreet, James R.
McClelland, Alexander J.
Rusnov, Peter.
Tomlinson, Fay M.
Wetzel, Arthur D.
Williams, James D.
Winchell, Sterling F.
Warobiew, John, Farrell, Pa. Fish lure. 2,545,398, Mar. 13.
Warp, Harold, Chicago, Ill., assignor to Flex-O-Glass, Inc. Reinforced plastic sheet. 2,545,981, Mar. 20.
Warren Automatic Tool Company, assignee: *See*—
Rymal, Theodore R.
Warren, Charles F., Milwaukee, Wis. Flexible pipe joint. 2,564,938, Aug. 21.
Warren, Charley W., Paradise, Calif. Metal skin stitcher. 2,578,212, Dec. 11.
Warren, Chester E., and E. A. Morris, Lyons, Kans. Pipe cutter. 2,567,833, Sept. 11.
Warren, Clarke E., La Grange, assignor to Mackie-Lovejoy Manufacturing Company, Chicago, Ill. Garment hanger. 2,565,414, Aug. 21.
Warren, Doyle C., Monrovia, assignor to Chiksan Company, Brea, Calif. Swivel joint for fluid conduits. 2,549,951, Apr. 24.
Warren, Emmet J., Detroit, Mich. Assembly for tiltably mounting a circular saw on an arbor. 2,544,814, Mar. 13.
Warren, Estel M., Clinton, N. C. Safety switch. 2,540,974, Feb. 6.
Warren, Estel M., Clinton, N. C. Switch apparatus. 2,559,055, July 3.
Warren, Gilman G., Braintree, assignor to American Electric Furnace Inc., Boston, Mass. Molten bath furnace. 2,579,634, Dec. 25.
Warren, Glenn B., Schenectady, N. Y., assignor to General Electric Company. Turbine rotor cooling arrangement. 2,552,239, May 8.
Warren, Glenn W., assignor to The Dow Chemical Company, Midland, Mich. Manufacture of tetrachloroethylene. 2,577,388, Dec. 4.
Warren, Harry L., South Pasadena, assignor to Southern California Gas Company, Los Angeles, Calif. Range with ventilating hood. 2,564,087, Aug. 14.
Warren, Henry E., Ashland, Mass. Vibratory frequency standard apparatus. 2,574,136, Nov. 6.
Warren, James W., Lynbrook, N. Y., assignor to American Machine & Foundry Company. Cigarette machine tongue and manufacture thereof. 2,568,690, Sept. 18.
Warren, John C. R., Elmira, Ontario, Canada, assignor to United States Rubber Company, New York, N. Y. Preparation of polychlorophenoxy acetic acids. 2,561,547, July 24.
Warren, Joseph J., Cleveland, Ohio. Football game device. 2,553,155, May 15.
Warren, Lawrence N., Belmont, N. C., assignor of one-half to E. E. Hearing, Philadelphia, Pa. Heated take-off blade or pick for gluers. 2,559,908, July 10.
Warren, Manfred M., assignee: *See*—
Hollaway, Roy L.
Warren, Mead, Jr., Maryville, Tenn., assignor to Aluminum Company of America, Pittsburgh, Pa. Impulse frequency metering system. 2,555,865, June 5.
Warren, Millard R., Knoxville, Tenn. Block handling machine. 2,554,433, May 22.
Warren, Minton W., assignor to Beech-Nut Packing Company, Canajoharie, N. Y. Article assorting machine. 2,571,977, Oct. 16.
Warren Petroleum Corporation, assignee: *See*—
Fulton, William F.
Marlow, Harry, and Steele.
Murphy, Clarence R.
Phelps, Rex V.
Warren, Pickett L., and F. E. Schultz, assignors to Royal Electric Manufacturing Company, Chicago, Ill. Electric switch. 2,579,771, Dec. 25.
Warren, Reginald, Dorking, England. Variable-speed gearing. 2,546,282, Mar. 27.
Warren, S. D., Company, assignee: *See*—
Bicknell, John A., and Johnson.
Frost, Frederick H.
Frost, Frederick H., and Brinnick.
Porter, Laurence W., and Jewett.
Warren, Stanley W., Corpus Christi, Tex. Motion-picture film with magnetic sound track. 2,541,136, Feb. 13.
Warren, Sylvanus E., Sr., Scranton, Pa. Evaporated milk can opener. 2,537,724, Jan. 9.
Warren, Theodore H., Shelby, Ohio. Decollator. 2,539,358, Jan. 23.
Warren, Thomas L., Bloomfield, assignor to Tenney Engineering, Inc., Newark, N. J. Method and apparatus for automatically defrosting evaporators. 2,554,848, May 29.
Warren, Wesley S., Ann Arbor, assignor to Miller Manufacturing Co., Detroit, Mich. Mechanic's support. 2,575,503, Nov. 20.
Warren City Manufacturing Company, assignee: *See*—
Reitberger, Anton.
Warrick, Arthur M., Cleveland, Ohio. Curtain stretcher. 2,578,868, Dec. 18.
Warrick, Earl L., Pittsburgh, Pa., assignor to Dow Corning Corporation, Midland, Mich. Siloxane elastomers. 2,541,137, Feb. 13.
Warrick, Earl L., Pittsburgh, Pa., assignor, by mesne assignments, to Corning Glass Works, Corning, N. Y. Copolymeric siloxane elastomers and producing them. 2,560,498, July 10.
Warrick, Earl L., Pittsburgh, Pa., assignor to Dow Corning Corporation, Midland, Mich. Methyl siloxane rubber. 2,568,672, Sept. 18.
Warrick, Earl L., Pittsburgh, Pa., assignor to Dow Corning Corporation, Midland, Mich. Elastomeric polysiloxanes and preparing them, utilizing tertiary butyl peracetate. 2,572,227, Oct. 23.
Warrick, Oliver C., assignor to A. S. and R. C. Ruse, Brownsburg, Ind. Grave vault construction. 2,545,060, Mar. 13.
Warrick, Ray W., Crozet, Va., assignor, by mesne assignments, to F. E. Myers and Bro. Co., Ashland, Ohio. Sprayer attachment. 2,552,754, May 15.

Warrick, W. Carleton, assignee: *See*—
Ralston, Philip A.
Warriner, Lorron L., Miami, Fla., assignor, by mesne assignments, to Vapo-Gas Consolidated, Inc. Gas generating apparatus. 2,577,389, Dec. 4.
Warrington, Albert R. V., Staffordshire, England, assignor to General Electric Company. Electronic relay arrangement for protecting power systems. Re. 23,430, Nov. 20.
Warrington, Peirce E., El Cerrito, Calif., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Circuit breaker. 2,575,740, Nov. 20.
Warry, R. F., Limited, assignee: *See*—
Warry, Reginald F.
Warry, Reginald F., Twickenham, assignor to R. F. Warry Limited, London, England. Cable tensioning means for hoists. 2,560,499, July 10.
Warry, Reginald F., Twickenham, assignor to R. F. Warry Limited, London, England. Safety device for hoist platforms. 2,560,500, July 10.
Warsaw Elevator Co., assignee: *See*—
Pettengill, George D., and Fletcher.
Warsell, Georgene P., assignee: *See*—
Wassell, Frank L.
Warshaw, Nathaniel, Brookline, and R. E. Jeffery, Malden, assignors to Market Forge Company, Everett, Mass. Lift truck. 2,560,146, July 10.
Wartenberg, Christian R., Chicago, Ill. Separable hinge construction. 2,551,191, May 1.
Warth, William H.: *See*—
Evans, Orville L., and Warth.
Warwal Corporation, assignee: *See*—
Jensen, Ralph L.
Warzinik, Morris: *See*—
Deutsch, Fred M., Warzinik, and Meier.
Wasco, Joseph L.: *See*—
Alquist, Francis N., and Wasco.
Alquist, Francis N., Wasco, and Irons.
Washam, Patrick H., Jr., Girard, Ohio. Apparatus for determining the average thickness of coiled strip. 2,562,075, July 24.
Washburn, Clayton A.: *See*—
Ellsworth, Louis D., and Washburn.
Washburn, Clayton A., Westwood, Mass., assignor, by mesne assignments, to the United States of America as represented by the Secretary of the Navy. Plan position indicator circuit. 2,576,057, Nov. 20.
Washburn Company, The, assignee: *See*—
Dennis, E. Lucian.
Glenny, Clarence S.
Glenny, Clarence S., and Method.
Washburn, Ernest E., Brunswick, Maine. Drive for sawmill carriages. 2,542,740, Feb. 20.
Washburn, Harold W., assignor to Consolidated Engineering Corporation, Pasadena, Calif. Constant pressure inlet for mass spectrometers. 2,569,032, Sept. 25.
Washburn, John M., West Hartford, assignor to The Merrow Machine Company, Hartford, Conn. Needle carrier wiping means. 2,549,268, Apr. 17.
Washburn, John M., West Hartford, assignor to The Merrow Machine Company, Hartford, Conn. Sewing-machine presser-foot mechanism. 2,549,269, Apr. 17.
Washburn, Neil E., assignor to Admiral Corporation, Chicago, Ill. Resistance-type phonograph pickup. 2,568,673, Sept. 18.
Washburn, Neil E., assignor to Admiral Corporation, Chicago, Ill. Electronic measuring device. 2,578,869, Dec. 18.
Washburn, Watson, co-executor: *See*—
De Bothezat, George.
Washcoe, Wilfred C., Arlington, Va. Code device. 2,571,174, Oct. 16.
Washington, George F., assignee: *See*—
Young, Orville H.
Washington Iron Works, assignee: *See*—
Hubbard, George H.
Washington Mills Company, assignee: *See*—
Shreve, James H.
Washington State Apple Advertising Commission, assignee: *See*—
Moremen, Hamlet L.
Washington Veneer Company, assignee: *See*—
Smyth, Harold A.
Washken, Edward: *See*—
Buerger, Martin J., and Washken.
Wasilevich, William, New York, N. Y. Device for preserving and displaying autographed baseballs. 2,551,354, May 1.
Wasley, Roy E.: *See*—
Burke, Ralph L., and Wasley.
Wasley, William A., Cananea, Mexico, and J. C. MacIntosh, Bisbee, Ariz., assignors to The Cananea Consolidated Copper Company, S. A. Flotation apparatus. 2,573,520, Oct. 30.
Wasley, William A., Cananea, Mexico, and J. C. MacIntosh, Bisbee, Ariz., assignors to The Cananea Consolidated Copper Company, S. A. Flotation apparatus. 2,573,521, Oct. 30.
Wassarman, Moses, Milford, Mass. Glider-type garment hanger. 2,549,730, Apr. 17.
Wassell, Frank L., assignor to Georgene Parkin Wassell, Westport, Conn. Reservation control apparatus. 2,558,596, June 26.
Wassell, Frank L., assignor to G. P. Warsell, Westport, Conn. Movable strip indicator board. 2,580,143, Dec. 25.
Wassell, Georgene P., assignee: *See*—
Wassell, Frank L.
Wassell, Harold J. H., Danbury, England, assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Telegraph key. 2,548,835, Apr. 10.
Wassem, Howard M.: *See*—
Robinson, Joseph J., Jr., and Wassem.
Wassenaar, Benjamin M., Fulton, Ill. Hog brank. 2,546,204, Mar. 27.
Wasser, Joseph A.: *See*—
Smith, Carl A., and Wasser.
Wasserbach, Theodore B.: *See*—
Lynch, Charles S., Wasserbach, and Guyer.
Wasserlein, Henry G., Park Ridge, assignor to Phillips Control Corporation, Chicago, Ill. Through flow type solenoid valve. 2,546,325, Mar. 27.
Wasserman, David, Irvington, N. J., and S. Caplan, New York, N. Y., assignors to The Harvel Corporation. 4-amino cardanol as an antioxidant for mineral hydrocarbon oil. 2,571,092, Oct. 16.
Wasserman, David, and S. Caplan, New York, N. Y., assignors to The Harvel Corporation. 4-amino cardanol. 2,571,091, Oct. 16.
Wasserman, Rene D., Stamford, Conn. Coated welding rod. 2,544,000, Mar. 6.
Wasson, Arell J.: *See*—
Sharp, Paul F., and Wasson.
Wasson, Jones I.: *See*—
Rudel, Harry W., and Wasson.
Wasson, Orville, Havertown, and J. R. Palmer, Yeadon, Pa., assignors to General Electric Company. Automatic selective switching equipment. 2,550,506, Apr. 24.
Waste Conditioning Inc., assignee: *See*—
Vanden Berg, John C.
Wästvind, Allan U., Abrahamsberg, and K. H. Andersson, assignors to A. B. Svenska Flaktfabriken, Stockholm, Sweden. Arrangement for prevention of corrosion in precipitators. 2,565,106, Aug. 21.
Watcher, Albert K., Kenwood, and W. B. Dulaney, Cincinnati, assignors to The Cleveland Automatic Machine Company, Norwood, Ohio. Machine tool transmission and control. 2,578,113, Dec. 11.
Waterbury Companies, Incorporated, assignee: *See*—
Magnenat, René P.
Waterbury Farrel Foundry and Machine Company, The, assignee: *See*—
Candee, Zenas P.
Wilcox, Richard L.
Waterbury, Glenn J., Los Angeles, Calif. Toggle actuated plier-type wrench. 2,574,676, Nov. 13.
Waterloo Foundry Company, assignee: *See*—
Harmon, Cline H.
Waterman, Herbert, Los Angeles, assignor to American Potash & Chemical Corporation, Trona, Calif. Automatic bromine water feeder. 2,577,054, Dec. 4
Waterman, L. E., Company, assignee: *See*—
Spilman, Raymond.
Waterman, Neil S., Tarrytown, N. Y. Moistureproof container with flexible seal covers. 2,560,376, July 10.
Waterman, Neil S., Tarrytown, N. Y. Liquid dispenser. 2,560,377, July 10.
Waterous Company, assignee: *See*—
Wilhelm, Edward A.
Waters, Daniel V.: *See*—
Merwin, Harry H., and Waters.
Waters, Daniel V., Flemington, N. J., and N. Zuck, Brooklyn, assignors to Western Electric Company, Incorporated, New York, N. Y. Article feeding mechanism. 2,543,538, Feb. 27.
Waters, Edmund, and L. Wood, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited. Production of colored filaments and fibers. 2,571,319, Oct. 16.
Waters, Edward C., Niagara Falls, and F. S. McCullough, assignors to Buffalo Electronics Corporation, Kenmore, N. Y. Material flow indicator. 2,561,763, July 24.
Waters, George W., Wood River, Ill., assignor to Shell Development Company, San Francisco, Calif. Metal coating process and oil finishing composition therefor. 2,573,882, Nov. 6.
Waters, George W., Wood River, Ill., assignor to Shell Development Company, San Francisco, Calif. Metal coating process and oil finishing composition therefor. 2,573,883, Nov. 6.
Waters, Gordon E.: *See*—
Kirkland, Glenn I., and Waters.
Waters, Harry F., New York, N. Y. Forming cylindrical containers. 2,554,722, May 29.
Waters, Harry F., New York, N. Y. Machine for forming, packing, and sealing containers. 2,565,444, Aug. 21.
Waters, Harry F., New York, N. Y. Duplex bag and making same. 2,569,964, Oct. 2.
Waters, Harry F., New York, N. Y. Bag with vacuum sealed valve closure. 2,576,322, Nov. 27.
Waters, Harold A.: *See*—
Ward, Raymond R., and Waters.
Waters, Horace W.: *See*—
Boswell, John W., and Waters.

Waters, James F., New York, N. Y. Dentifrice-containing device and dentifrice applicator therefor. 2,576,550, Nov. 27.
Waters, James F., New York, N. Y. Toothbrush and dentifrice pack. 2,576,551, Nov. 27.
Waters, James S.: *See*—
Crookston, Robert R., and Waters.
Waters, Lawrence W., Ontario, assignor to Atlas Imperial Diesel Engine Co., Oakland, Calif. Peach orienting machine. 2,540,020, Jan. 30.
Waters, Lawrence W., Ontario, assignor to Atlas Imperial Diesel Engine Co., Oakland, Calif. Peach pitter. 2,551,076, May 1.
Waters, Lawrence W., Ontario, assignor to Atlas Imperial Diesel Engine Co., Oakland, Calif. Pear peeling apparatus. 2,569,207, Sept. 25.
Waters, Lawrence W., Ontario, assignor to Atlas Imperial Diesel Engine Co., Oakland, Calif. Apparatus for removing cans from cartons. 2,578,912, Dec. 18.
Waters, Maynard E., Norwich, N. Y. Toolholder. 2,559,742, July 10.
Waters, William C., Sr., Columbus, Ga. Machine belt cleaner and lubricator. 2,571,320, Oct. 16.
Waterson, Arthur P., Tulsa, Okla., assignor to The R. K. Le Blond Machine Tool Company, Cincinnati, Ohio. Duplicating attachment for lathes. 2,559,138, July 3.
Waterson, Arthur P., Tulsa, Okla., assignor to The R. K. Le Blond Machine Tool Company, Cincinnati, Ohio. Hydraulic tracer control unit. 2,576,817, Nov. 27.
Waterstone, Henry, Angola, Ind. Automatic stopping and time delay for mixer motors. 2,564,553, Aug. 14.
Watervliet Paper Company, assignee: *See*—
Scheid, Louis J.
Watkins, Charles A.: *See*—
Wright, John G., Chafin, Sudan, Watkins, and Hanson.
Wright, John G., Toney, Watkins, Sudan and Maxwell.
Watkins, Charles H., Brookfield, assignor to Universal Oil Products Company, Chicago, Ill. Removing carbon monoxide from hydrocarbons. 2,570,615, Oct. 9.
Watkins, Charles L., Corsicana, Tex. Wheel. 2,576,736, Nov. 27.
Watkins, Clement H., deceased; M. Watkins, administratrix, assignor to M. Watkins, Venango, Pa. Lock nut tightening and conduit reaming tool. 2,544,058, Mar. 6.
Watkins, Cynthia C.: *See*—
Bailey, Richard B., and Watkins.
Watkins, Franklin M.: *See*—
Latier, Harold E., and Watkins.
Watkins, Franklin M., Flossmoor, Ill., assignor to Sinclair Refining Company, New York, N. Y. Long chain alkyl acetophenone-α-sulfonic acids and salts. 2,554,434, May 22.
Watkins, George B., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Transparent panel unit. 2,537,804, Jan. 9.
Watkins, George B., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Multiple glass sheet glazing unit having enclosed angled metal slats. 2,545,906, Mar. 20.
Watkins, George B., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Multiple glazing unit with light modifying screen. 2,545,907, Mar. 20.
Watkins, George E.: *See*—
Wolters, Carl F., and Watkins.
Watkins, George F., Austin, Minn. Ventilating hive cover. 2,548,275, Apr. 10.
Watkins, Herbert E., Clearwater, Fla. Meat grinding blade sharpener. 2,545,399, Mar. 13.
Watkins, Homer E.: *See*—
Hess, William, and Watkins.
Watkins, Lewis H., Caracas, Venezuela. Removal of metallic obstructions in well borings by oxidation. 2,571,636, Oct. 16.
Watkins, Lucius D., Milwaukee, Wis. Bracket shelf. 2,544,203, Mar. 6.
Watkins, Margaret, administratrix: *See*—
Watkins, Clement H.
Watkins, Morris W., Milledgeville, Ga. Housing for electric meat block scraping brush having split handle motor circuit closing means. 2,552,471, May 8.
Watkins, Samuel S., Miami, Fla. Suspended frame type tire bead loosening press. 2,562,995, Aug. 7.
Watkins, William M., Jr., assignor to Robertshaw-Fulton Controls Company, Knoxville, Tenn. Adjusting mechanism for temperature regulators. 2,575,081, Nov. 13.
Watlow Electric Manufacturing Company, assignee: *See*—
Desloge, George B.
Watmough, Oliver, Lethbridge, Alberta, Canada. Plow lift mechanism for cultivators. 2,553,522, May 15.
Watrous, Howard J., Cranston, R. I. Automatic sheet registering device for lithographic and printing presses. 2,565,054, Aug. 21.
Watrous, Ward W., Jr., Chatham, N. J., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Contact member for electronic tubes. 2,538,609, Jan. 16.
Watson, Arthur, Eldorado, Ill. Animal killer. 2,536,336, Jan. 2.
Watson, Athelstan T., Estado Zulia, Venezuela. Spring suspension assembly. 2,559,239, July 3.
Watson, Audlin M., Camden, Mich. Picnic basket. 2,537,725, Jan. 9.
Watson, Burr, & Associates, Inc., assignee: *See*—
Anderson, Joseph F.
Watson, Charles G., assignor to The Youngstown Welding & Engineering Company, Youngstown, Ohio. Apparatus for pickling plates. 2,567,416, Sept. 11.
Watson, Charles G., assignor to The Youngstown Welding & Engineering Company, Youngstown, Ohio. Method of and apparatus for pickling tubes. 2,580,371, Dec. 25.
Watson, Charles T., Bessemer, Ala., assignor to Tennessee Coal, Iron and Railroad Company. Solution and method for coating zinc surfaces. 2,559,812, July 10.
Watson, Charles T., Bessemer, Ala., asignor to Tennessee Coal, Iron and Railroad Company. Coating composition for protecting metal surfaces from corrosion. 2,568,424, Sept. 18.
Watson, Charles W.: *See*—
Clement, Frank L., and Watson.
Watson, Claude W., Scarsdale, assignor to The Texas Company, New York, N. Y. Synthesis of hydrocarbons. 2,537,496, Jan. 9.
Watson, Claude W., Scarsdale, assignor to The Texas Company, New York, N. Y. Catalytic conversion with a fluidized solid catalyst. 2,567,259, Sept. 11.
Watson, Clement H.: *See*—
Lewis, Edwin W., and Watson.
Watson, Daniel S.: *See*—
Laws, Cecil A., Pumphrey, Ratsey, and Watson.
Watson, Daniel S., Haslemere, and C. A. Laws, Boreham Wood, England, assignors to National Research Development Corporation. Expanded sweep and calibrated marker for cathode-ray tube trace. 2,552,022, May 8.
Watson, Edward F.: *See*—
Bacon, Walter M., and Watson.
Watson, Edward F., Larchmont, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Automatic system for checking receipt of telegraph messages in numerical order. 2,570,505, Oct. 9.
Watson, Edward F., Larchmont, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Tape feed suppression mechanism. 2,572,685, Oct. 23.
Watson, Edward R., Youngstown, Ohio. Making detachable cue tips. 2,544,970, Mar. 13.
Watson Elevator Company, assignee: *See*—
Raqué, Arthur E.
Watson, Elva, assignee: *See*—
Watson, Oliver E.
Watson, Ernest A.: *See*—
Hooker, Stanley G., Watson, and Ifield.
Ifield, Richard J., and Watson.
Watson, Ernest A., Coventry, assignor to Joseph Lucas Limited, Birmingham, England. Temperature-compensated pressure-responsive diaphragm. 2,546,571, Mar. 27.
Watson, Ernest A., assignor to Joseph Lucas Limited, Birmingham, England. Controlling the supply of liquid fuel to internal-combustion prime movers. 2,549,552, Apr. 17.
Watson, Ernest A., and R. J. Ifield, assignors to Joseph Lucas Limited, Birmingham, England. Liquid fuel control means. 2,567,500, Sept. 11.
Watson, Forrest J., Oakland, assignor to Shell Development Company, San Francisco, Calif. Lubricant and hydraulic fluid composition. 2,549,270, Apr. 17.
Watson, Frederick K.: *See*—
Bruner, Walter M., and Watson.
Watson, George R., Chippawa, Ontario, Canada, assignor to Norton Company, Worcester, Mass. Electrical heating rod and making same. 2,546,142, Mar. 27.
Watson, George R., Waukegan, Ill. Cable drilling tool. 2,566,913, Sept. 4.
Watson, Harold M.: *See*—
Ruckstahl, Robert E., and Watson.
Watson, Harvey A., assignee: *See*—
Avery, Dallas B.
Watson, James, assignee: *See*—
May, Madeline.
Watson, James P., assignor to P. E. Humphrey, San Diego, Calif. Gyroscopic instrument. 2,563,983, Aug. 14.
Watson, Jeannette K., New Canaan, Conn., assignor to International Business Machines Corporation, New York, N. Y. Remote control apparatus for typewriting machines. 2,566,971, Sept. 4.
Watson, John C., San Antonio, Tex. Rodless pump. 2,551,516, May 1.
Watson, John E.: *See*—
Whiton, Louis C., Watson, McBride, and Remington.
Watson, John L., Welch, W. Va. Machine for preparing masking paper. 2,571,978, Oct. 16.
Watson, Kenneth: *See*—
Pullin, Cyril G., and Watson.
Watson, Kenneth M.: *See*—
Pelzer, Harry L., and Watson.
Watson, Kenneth M., Madison, Wis., assignor to Sinclair Refining Company, New York, N. Y. Apparatus for pyrolytic conversion of hydrocarbons. 2,542,887, Feb. 20.
Watson, Loral E., assignee: *See*—
Avery, Dallas B.
Watson Manufacturing Company, Inc., assignee: *See*—
Klapman, Rodney K.

Watson Manufacturing Company, Inc., The, assignee: *See*—
Fosberg, Henry C.
Watson, Mary L., assignee: *See*—
Watson, Ulysses F.
Watson, Mattie, New York, N. Y. Vegetable washing basket. 2,575,149, Nov. 13.
Watson-McDaniel Co., assignee: *See*—
Beck, John N.
Watson, Nathan J., assignor to Johnson Biscuit Company, Sioux City, Iowa. Unloading mechanism for cooky coating conveyers. 2,569,839, Oct. 2.
Watson, Oliver E., deceased, Dayton, assignor of one-half to B. F. Downey, Springfield, A. T. Shonk, administratrix of said O. E. Watson, assignor of one-half to E. Watson, Dayton, Ohio. Self-aligning bore gauge. 2,573,075, Oct. 30.
Watson, Paul D., Arlington, Va., assignor to the United States of America as represented by the Secretary of Agriculture. Metal polylactyllactate polymers. 2,555,385, June 5.
Watson, Philip R., Valley Park, assignor to Electronic Tester of Gas Meters, Inc., St. Louis, Mo. Gas meter prover apparatus. 2,555,771, June 5.
Watson, Ralph M., Bloomfield, assignor to Worthington Pump and Machinery Corporation, Harrison, N. J. Multistage centrifugal compressor. 2,578,617, Dec. 11.
Watson, Thomas E., Tewksbury, Mass. Drop wire. 2,566,471, Sept. 4.
Watson, Thomas E., La Canada, Calif. Hypodermic syringe. 2,567,001, Sept. 4.
Watson, Thomas J., New Canaan, Conn., and A. L. Sprecker, Freeport, assignors to International Business Machines Corporation, New York, N. Y. Register controlled time recorder. 2,540,038, Jan. 30.
Watson, Thomas S., assignor to Huebsch Manufacturing Company, Milwaukee, Wis. Compression extractor. 2,538,403, Jan. 16.
Watson, Ulysses F., assignor of fifty per cent to M. L. Watson, Shinnston, W. Va. Door supporting clamp with elevating means. 2,558,404, June 26.
Watson, W., & Sons Limited, assignee: *See*—
Hopkins, Harold H.
Waitt, Henry.
Watson, William E., Bloomfield, N. J., assignor to Allied Chemical & Dye Corporation. Boxed carboy. 2,548,638, Apr. 10.
Watson, William H., assignor to Polymer Corporation, Limited, Sarnia, Ontario, Canada. Polymerization termination agent. 2,577,390, Dec. 4.
Watson, William H., Saskatoon, Saskatchewan, E. W. Guptill, Montreal, Quebec, Canada, assignors to Honorary Advisory Council for Scientific and Industrial Research of Canada. Directive antenna for microwaves. 2,573,746, Nov. 6.
Watson, William R., Jr., Pittsburgh, and J. Swiss, Murrysville, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Flexible mica insulation. 2,562,004, July 24.
Watt, Alexander, assignor to G. A. Robinson, Calgary, Alberta, Canada. Cable overthrow loader for tractors. 2,579,888, Dec. 25.
Watt Car & Wheel Company, The, assignee: *See*—
Boyd, Clarence A.
Watt, Gordon J., Yonkers, N. Y. Electrically set mechanical time fuse. 2,555,384, June 5.
Watt, John R., Austin, Tex. Incremental freezing. 2,571,506, Oct. 16.
Watt, Thomas, Berea, Johannesburg, Transvaal, Union of South Africa. Resilient support for antifriction bearings. 2,572,411, Oct. 23.
Watt, William W., assignor to General Motors Corporation, Dayton, Ohio. Valve with vibration damper. 2,573,522, Oct. 30.
Wattenbarger, Robert E., Madera, Calif. Survey rod. 2,540,769, Feb. 6.
Watter, Michael: *See*—
Eksergian, Carolus L., and Watter.
Watter, Michael, assignor to The Budd Company, Philadelphia, Pa. Baggage rack and securing means therefor. 2,541,898, Feb. 13.
Watter, Michael, assignor to The Budd Company, Philadelphia, Pa. Railway sleeping car room arrangement. 2,546,134, Mar. 20.
Watter, Michael, assignor to The Budd Company, Philadelphia, Pa. Washroom arrangement for railroad cars. 2,548,851, Apr. 10.
Watter, Michael, Philadelphia, Pa., assignor, by mesne assignments, to Heywood-Wakefield Company, Gardner, Mass. Vertically swinging adjustable leg and foot rest. 2,563,629, Aug. 7.
Watter, Michael, assignor to The Budd Company, Philadelphia, Pa. Joint especially for railway cars and similar vehicle bodies. 2,565,709, Aug. 28.
Watter, Michael, Philadelphia, Pa., assignor, by mesne assignments, to Heywood-Wakefield Company, Gardner, Mass. Combination leg rest and reclining seat for vehicles. 2,571,080, Oct. 9.
Watters, Andrew J., West Kilbride, and D. M. Shepherd, Stevenston, Scotland, assignors to Imperial Chemical Industries Limited. Aqueous emulsion and making it. 2,550,211, Apr. 24.
Watters, Joseph C., assignee: *See*—
Henry, Nelson R.
Watters, Lloyd R., and F. Schaefer, North Plainfield, N. J. Nail holding attachment for hammers. 2,542,603, Feb. 20.
Watters, Robert L., Schenectady, N. Y., assignor to General Electric Company. Feedback amplifier. 2,573,523, Oct. 30.
Wattles, Helen T., Pittsburgh, Pa. Necktie pressing form. 2,561,764, July 24.
Wattley, Vincent E., Bronx, N. Y. Flexible test prod. 2,549,731, Apr. 17.
Watts, Albert E., deceased, Montreal, Quebec, Canada, A. C. A. Watts and Montreal Trust Company, executors of said A. E. Watts, assignors to A. M. W. Sergent. Vertical boiler. 2,568,781, Sept. 25.
Watts, Anna C. A., executrix: *See*—
Watts, Albert E.
Watts, Charles M., Elkhart, Ind. Precision controlled finishing and sizing device. 2,536,479, Jan. 2.
Watts, Chester B., Jr., Indianapolis, Ind., assignor to International Standard Electric Corporation, New York, N. Y. Glide path and localizer systems. 2,539,500, Jan. 30.
Watts, Chester B., Jr., Indianapolis, Ind. Parallel lane computer. 2,540,150, Feb. 6.
Watts, Chester B., Jr., Indianapolis, Ind., and G. Stavis, Ossining, assignors to International Standard Electric Corporation, New York, N. Y. Pulsed localizer. 2,543,081, Feb. 27.
Watts, Elmore: *See*—
Grupp, Alfred F., Rathke, Talan, and Watts.
Watts, Martha F., assignee: *See*—
Yeomans, Lucien I.
Watts, Norma J., Colfax, Calif. Shoe protector. 2,552,700, May 15.
Watts Regulator Company, assignee: *See*—
Dillon, Wendell M.
Watts, Richard J., Los Alamos, N. Mex., assignor to the United States of America as represented by the United States Atomic Energy Commission. Pulse width modulation. 2,556,457, June 12.
Watts, Vilas E., Los Altos, Calif., assignor to Zonolite Company, Chicago, Ill. Producing porous aggregate mixes. 2,565,107, Aug. 21.
Watts, William S., Dearborn, and L. G. Carmick, Jr., Dearborn Township, Wayne County, assignors to Evans Products Company, Detroit, Mich. Combined road and rail vehicle. 2,577,830, Dec. 11.
Watts, William S., Dearborn, Mich., assignor to Aircraft-Marine Products Inc., Harrisburg, Pa. Electrical connector. 2,580,206, Dec. 25.
Waugh Equipment Company, assignee: *See*—
Berman, Samuel.
Munro, George R.
Waugh, George P.: *See*—
Veal, Thomas G., and Waugh.
Waugh, Stanley P., Westfield, assignor to Tide Water Associated Oil Company, Bayonne, N. J. Soluble oil. 2,552,913, May 15.
Waukesha Motor Company, assignee: *See*—
Melcher, Lee W.
Wau-Ke-Wan Thread Co., Inc., assignee: *See*—
Smith, Herbert E.
Wauson, Horace C., and W. E. Bennett, Jr., assignors of one-half to Gulf Publishing Company, Houston, Tex. Duplex rail assembling elevator. 2,579,060, Dec. 18.
Waxelbaum, Sidney, Brooklyn, N. Y. Perforating and marking machine. 2,536,333, Jan. 2.
Waxman, David, Chelsea, assignor to Parkway Furniture Manufacturing Company, Lawrence, Mass. Sofa bed. 2,552,128, May 8.
Way, Dean F., Topeka, Kans. Drum sander. 2,565,286, Aug. 21.
Way, Elwood J., Washington, D. C. Index strip and making the same. 2,547,068, Apr. 3.
Way, Elwood J., Washington, D. C. Microphotographic device. 2,550,739, May 1.
Way, Roy C., Tennessee, Ill. Timber-mowing saw attachment for farm tractors. 2,575,696, Nov. 20.
Way, William, Taft, Calif. Grape cutter. 2,561,082, July 17.
Waye, Basil E., and A. G. Mitchell, assignors to A. C. Cossor Limited, London, England. Depositing fluorescent materials by sedimentation. 2,536,586, Jan. 2.
Wayman, Clyde W.: *See*—
Straley, James M., and Wayman.
Wayne, Douglas N., New York, N. Y. Surface cleaning apparatus. 2,563,696, Aug. 7.
Wayne Pump Company, The, assignee: *See*—
Bristol, Cyrus J.
Dahlem, J. Gordon.
Hinds, Sherwood.
Hinds, Sherwood, and Dahlem.
Sturm, Frederick W., and Arnold.
Wayne, Truman B., Houston, Tex. Process and reagents for resolving emulsions. 2,547,188, Apr. 3.
Wayne, Truman B., Houston, Tex. Treatment of drilling fluids. 2,553,224, May 15.
Wayne, Winston J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Polymeric esters of natural drying oil fatty acids. 2,566,268, Aug. 28.
Waynick, Arthur H., State College, Pa., assignor, by mesne assignments, to The Pennsylvania Research Corporation. Cathode-ray polar coordinate vector plotter. 2,576,818, Nov. 27.

Weakley, Francis B.: *See*—
Montgomery, Edna M., and Weakley.
Weamer, Edna, Chicago, Ill. Picnic basket with folding table and benches. 2,548,639, Apr. 10.
Wean Equipment Corporation, assignee: *See*—
Keller, Frank J.
Wearn, Richard B., and C. Bordenca, Birmingham, Ala., assignors to Food Machinery and Chemical Corporation, San Jose, Calif. Butyl alcohol derivatives. 2,556,150, June 5.
Weasler, Anthony V., assignor to Pick Manufacturing Company, West Bend, Wis. Wheel cover mounting. 2,561,160, July 17.
Weast, Clair A., Manteca, Calif. Dietetic canned fruits and making the same. 2,536,970, Jan. 2.
Weast, Louis S., Los Angeles, Calif. Foldable shopping cart. 2,564.939, Aug. 21.
Weatherby, Oscar W., assignee: *See*—
Holley, John L.
Weatherford, Heiskell, Jr.: *See*—
Freemon, Joseph A., Weatherford, and Wilson.
Jones, Ernest R.
Weatherford, J. H., assignee: *See*—
Breedlove, Harry B.
Weatherhead, Albert J., Jr., Shaker Heights, assignor to The Weatherhead Company, Cleveland, Ohio. Faucet. 2,556,308, June 12.
Weatherhead, Albert J., Jr., Shaker Heights, assignor to The Weatherhead Company, Cleveland, Ohio. Filler spout protective and sealing arrangement for vehicle luggage compartments. 2,570,506, Oct. 9.
Weatherhead Company, The, assignee: *See*—
Baldwin, John D., Jr.
Baldwin, John D., Jr., and Crawley.
Balogh, Roy O.
Boylan, Charles H.
Courtot, Louis B.
Crawley, Charles H.
Herold, Robert E.
Hribar, Frank.
Hufferd, George H.
Knaggs, Harold J.
Paquin, Joseph N.
St. Clair, Theodore A.
Weatherhead, Albert J., Jr.
Weatherly, William G., Clarkston, Wash. Endgate for vehicle mounted grain tanks. 2,544,117, Mar. 6.
Weathershields Limited, assignee: *See*—
Bishop, William H.
Hopfinger, Kurt B.
Weatherson, Arthur J., Renton, Wash. Multiple purpose convertible furniture. 2,553,122, May 15.
Weaver, Alfred, Little Falls, N. Y. Multiple speed composite gear for bicycle drives. 2,561,960, July 24.
Weaver, Clark H., Berkeley, Calif. Vending machine for newspapers and the like. 2,546,352, Mar. 27.
Weaver, Clark H., Berkeley, Calif. Coin-controlled actuating mechanism. 2,566,269, Aug. 28.
Weaver, Eastman A., Winchester, Mass., assignor, by mesne assignments, to Stator Company. Fluid feed device. 2,537,497, Jan. 9.
Weaver, Faye F.: *See*—
Weaver, Roy B. and F. F.
Weaver, Fleming R.: *See*—
Oglesby, Nicholas E., and Weaver.
Weaver, George W.: *See*—
Rawlins, Herbert L., and Weaver.
Weaver, Harold E., Pittsburgh, Pa., and E. G. King, Shelton, Wash., assignors to Armstrong Cork Company, Lancaster, Pa. Modified polyvinyl resins. 2,536,114, Jan. 2.
Weaver, Harry E.: *See*—
Fellows, Frank H., and Weaver.
Weaver, James C., assignor of twenty per cent to J. B. Brownawell, twenty per cent to L. E. Eckenrode, twenty per cent to G. C. Atkinson, twenty per cent to J. Leonzo, and twenty per cent to S. Snyder, Harrisburg, Pa. Emergency wheel. 2,566,007, Aug. 28.
Weaver, James C., Paola, Kans. Linesman's safety hook. 2,538,178, Jan. 16.
Weaver, Jeremiah W.: *See*—
Schuyten, Hartwig A., Weaver, and Reid.
Weaver, Joe C., Jr., Tulsa, Okla., and M. D. Farkas, Chicago, Ill., assignors to The Sherwin-Williams Company, Cleveland, Ohio. Centrifuge recovery method. 2,555,866, June 5.
Weaver, Maxwell C., Cincinnati, Ohio, and F. D. Leonard, Detroit, Mich., assignors to The Randall Company, Cincinnati, Ohio. Wind stop or sealing strip. 2,546,049, Mar. 20.
Weaver, Maxwell C., Cincinnati, Ohio, and F. D. Leonard, Detroit, Mich., assignors to The Randall Company, Cincinnati, Ohio. Upholstery retainer strip. 2,546,050, Mar. 20.
Weaver, Raymond A., Los Angeles, Calif. Circumferentially traveling type, pedestal mounted, tire mounting device. 2,569,788, Oct. 2.
Weaver, Raymond A., Los Angeles, Calif. Machine with circumferentially traveling elements for mounting tires. 2,569,789, Oct. 2.
Weaver, Robert B., Los Angeles, Calif. Venetian blind. 2,572,291, Oct. 23.
Weaver, Robert E., Ziegler, Ill. Ditch digging machine. 2,544,815, Mar. 13.
Weaver, Roy B. and F. F., Los Angeles, Calif. Brassière. 2,553,225, May 15.
Weaver, Ruth K., assignor to Gaylord Products, Incorporated, Chicago, Ill. Bobby pin stripping device. 2,561,039, July 17.
Weaver, Ruth K., assignor to Gaylord Products, Incorporated, Chicago, Ill. Bobby pin spreading device. 2,579,990, Dec. 25.
Weaver, Warren E.: *See*—
Drake, Nathan L., and Weaver.
Weaver, Welcome I., Huntington, Ind., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Production of polymerized polyester resin materials of superior water resistance and electrical properties. 2,549,732, Apr. 17.
Weaver, William R., and J. M. Breese, El Paso, Tex. Stick dispensing and positioning apparatus. 2,570,891, Oct. 9.
Weaver, Winifred R., assignor to Beech Aircraft Corporation, Wichita, Kans. Burr removing attachment. 2,552,755, May 15.
Weaverling, William A.: *See*—
Sorg, Leonard V., Dickey, and Weaverling.
Weaving, John H.: *See*—
Bishop, John L. H., and Weaving.
Webb, Albert E., assignor to Stewart-Warner Corporation, Chicago, Ill. Lubricating device. 2,540,975, Feb. 6.
Webb, Charles E., New London, Wis., assignor to Edison Wood Products, Incorporated, West Orange, N. J. Covered article. 2,564,386, Aug. 14.
Webb, Chester H.: *See*—
Fink, Rudolph, and Webb.
Webb, Christopher F., assignor to Bell Punch Company Limited, London, England. Key-operated calculator. 2,569,508, Oct. 2.
Webb, Donald R., Schenectady, N. Y., assignor to General Electric Company. Aircraft stabilizing apparatus. 2,555,019, May 29.
Webb, Ernest C., Bay Village, Ohio, assignor to Iron Fireman Manufacturing Company, Portland, Oreg. Coal conveying system. 2,539,109, Jan. 23.
Webb, Frederick W. C., administrator: *See*—
Fast, Gustave.
Webb, George, Hartford, and W. L. Swartz, West Hartford, Conn., assignors to Colt's Manufacturing Company. Cartridge feeding mechanism for automatic firearms. 2,537,562, Jan. 9.
Webb, George, Hartford, and W. L. Swartz, West Hartford, Conn., assignors to Colt's Manufacturing Company. Cartridge feeding device for automatic firearms. 2,546,804, Mar. 27.
Webb, George B.: *See*—
Benedict, Manson, Wagstaff, and Webb.
Webb, George W., Revere, Mass., assignor, by mesne assignments, to Isthmian Metals, Inc. Lubricating powder pressed compact. 2,554,723, May 29.
Webb, Glenn M., Western Springs, R. W. Moehl, Congress Park, and M. J. Murray, Clarendon Hills, assignors to Universal Oil Products Company, Chicago, Ill. Preparation of a silica-magnesia catalyst. 2,544,869, Mar. 13.
Webb, Horace L., Vienna, Va. Dictation mask with cartridge type silencer. 2,572,547, Oct. 23.
Webb, Irving D.: *See*—
Brooks, Richard E., and Webb.
Gresham, William F., and Webb.
Webb, James A.: *See*—
Bennett, James H., and Webb.
Webb, Jervis B., Company, assignee: *See*—
Lemmon, Alexis W.
Rose, Andrew G.
Schenk, Adelbert J.
Webb, John S.: *See*—
Parker, Robert P., and Webb.
Webb, Leslie, Wyoming, assignor to The Hunnewell Soap Company, Cincinnati, Ohio. Soap dispenser. 2,554,393, May 22.
Webb, Myron Q., Waynesboro, Va., assignor to E. I. du Pont de Nemours and Company, Wilmington, Del. Stabilization of polyacrylonitrile solutions. 2,560,053, July 10.
Webb, Myrtle M., executrix: *See*—
Parker, Laurie F., and Sharp.
Webb, Richard C., Princeton, N. J., assignor to Radio Corporation of America. Synchronizing circuits. 2,565,896, Aug. 28.
Webb, Samuel: *See*—
McClure, Carroll W., and Webb.
Webb, Samuel, Pittsburgh, Pa., assignor to National Tube Company. Pipe-threading machine. 2,551,517, May 1.
Webb, Thomas L. B., Los Angeles, Calif. Removing scale. 2,556,128, June 5.
Webb, Wesley L., Glenmoore, Pa., assignor to American Viscose Corporation, Wilmington, Del. Staple fiber spinneret. 2,553,692, May 22.
Webb, Wesley L., Glenmoore, Pa., assignor to American Viscose Corporation, Wilmington, Del. Centering device for plastic funnels. 2,577,866, Dec. 11.
Webber, C. R., assignee: *See*—
Lytle, George B.
Webber, Fred C., Portland, Maine. Bleacher back. 2,578,114, Dec. 11.
Webber, Thomas A., Hyattsville, Md. Dental flask. 2,559,486, July 3.

Weber, Anton P., Wageningen, and F. A. Weber, by A. Koerts, administrator, The Hague, assignors to Van den Bergh's en Jurgens' Fabrieken N. V., Rotterdam, Netherlands. Making seamless capsules. 2,566,645, Sept. 4.
Weber, Carl F., Ontario, Calif., assignor to General Electric Company. Metal cleaning and plating process. 2,570,174 Oct. 2.
Weber Costello Company, assignee: *See*—
Jervis, Wayne T.
Weber Dental Manufacturing Company, The, assignee: *See*—
Nelius, Harold E.
Weber, Frank A.: *See*—
Weber, Anton P., and F. A.
Weber, Frank P., Hastings, Nebr., and M. J. Carmody, Parkston, S. Dak. Discriminating acoustic signal detector. 2,545,218, Mar. 13.
Weber, Harry M., assignor, by mesne assignments, to Trenton Chemical Company, Trenton, Mich. Production of dry gluten. 2,559,551, July 3.
Weber, Herman, Harriman, Tenn. Setting and binding material and its manufacture. 2,574,507, Nov. 13.
Weber, Herman, assignor to Shakespeare Products Company, Kalamazoo, Mich. Remote control device for brakes and other remote controlled parts. 2,557,365, June 19.
Weber, Herman H., and W. R. Gerry, assignors to Shakespeare Products Company, Kalamazoo, Mich. Remote control device for brakes and the like. 2,553,025, May 15.
Weber, Herman W., Richmond Heights, assignor to Laclede-Christy Company, St. Louis, Mo. Suspended wall construction. 2,551,518, May 1.
Weber, Herman W., Richmond Heights, assignor to Laclede-Christy Company, St. Louis, Mo. Furnace wall structure. 2,553,393, May 15.
Weber, Isaac E., New Rochelle, and J. Blumenfeld, assignors to Simone Mercier, New York, N. Y. Pressure accumulator. 2,550,892, May 1.
Weber, Jean L., Puteaux, France. Wire nail machine. 2,580,055, Dec. 25.
Weber, John G., Bryn Mawr, Pa. Elevating device for table tops. 2,570,183, Oct. 9.
Weber, Joseph A., Prospect Heights, Ill. Bed and platen hectographic addressing machine. 2,542,443, Feb. 20.
Weber, Karl B., Pittsburgh, Pa. Fastening clip for antiskid tire chains. 2,545,061, Mar. 13.
Weber, Louis J., Bartlesville, Okla., assignor to Phillips Petroleum Company. Pebble feeder. 2,544,575, Mar. 6.
Weber, Louis J., Bartlesville, Okla., assignor to Phillips Petroleum Company. Pebble feeder. 2,544,576, Mar. 6.
Weber, Louis J., Bartlesville, Okla., assignor to Phillips Petroleum Company. Apparatus for effecting contact between a gas and a downwardly flowing contiguous mass of pebbles. 2,554,435, May 22.
Weber, Louis J., Bartlesville, Okla., assignor to Phillips Petroleum Company. Pebble heater apparatus. 2,573,747, Nov. 6.
Weber, Louis J., Bartlesville, Okla., assignor to Phillips Petroleum Company. Process and apparatus for heat exchange employing granular particles. 2,576,058, Nov. 20.
Weber, Louis J., Bartlesville, Okla., assignor to Phillips Petroleum Company. Shaft seal mechanism. 2,577,292, Dec. 4.
Weber, Louis J., Bartlesville, Okla., assignor to Phillips Petroleum Company. Furnace. 2,579,350, Dec. 18.
Weber, Matt J., Jr., Chicago, Ill. Self-propelled rocket launcher. 2,566,390, Sept. 4.
Weber, Max E., Brooklyn, N. Y., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Needle-threading mechanism for sewing machines. 2,544,577, Mar. 6.
Weber, Millard, Gering, Nebr. Seed handling assembly for potato planters. 2,551,192, May 1.
Weber, Nelson H.: *See*—
Geiger, Hermann, and Weber.
Weber, Rennie I., Chicago, Ill., assignor to Zenith Radio Corporation. Tuning device for multiband receivers. 2,538,717, Jan. 16.
Weber, Rennie I., Chicago, Ill., assignor to Zenith Radio Corporation. Dual speaker control. 2,573,122, Oct. 30.
Weber, Richard, Aurora, Ind., and J. E. Grant, Louisville, assignors to J. E. Seagram & Sons, Inc., Shively, Ky. Labeling machine. 2,568,904, Sept. 25.
Weber, Robert D., Culver City, Calif., assignor to Hughes Tool Company, Houston, Tex. Tube support. 2,542,442, Feb. 20.
Weber, Robert E., assignor to Dishmaster Corporation, Pontiac, Mich. Water and detergent mixer. 2,540,064, Jan. 30.
Weber, Roman F., Chicago, Ill., assignor to International Harvester Company. Convertible box structure. 2,564,940, Aug. 21.
Weber, Theodore E., assignor to Hussmann Refrigerator Co., St. Louis, Mo. Closure fastener. 2,556,309, June 12.
Weber, Victor, assignor to Robertshaw-Fulton Controls Company, Greensburg, Pa. Control system for fluid fuel burners. 2,564,869, Aug. 21.
Weber, Victor, and W. S. Kunzler, Greensburg, assignors to Robertshaw-Fulton Controls Company, Youngwood, Pa. Temperature regulating device. 2,541,314, Feb. 13.
Weber, Victor, Greensburg, and R. F. Garner, Youngwood, Pa. assignors to Robertshaw-Fulton Controls Company. Condition responsive control for clothes driers and the like. 2,564,867, Aug. 21.
Weber, Victor, and W. S. Kunzler, assignors to Robertshaw-Fulton Controls Company, Greensburg, Pa. Temperature control thermostatic switch device. 2,564,868, Aug. 21.
Weber, William F., assignor to Armour and Company, Chicago, Ill. Machine for skinning meat. 2,545,718, Mar. 20.
Webster, Benjamin R., Santa Monica, Calif. Reel. 2,574,992, Nov. 13.
Webster, Carmen D., Jackson Heights, N. Y. Implement for laying model railway tracks. 2,562,287, July 31.
Webster-Chicago Corporation, assignee: *See*—
Dale, Colin B.
Webster, Clifford L., assignor to Aluminum Air Seal Manufacturing Company, Youngstown, Ohio. Storm door frame. 2,538,138, Jan. 16.
Webster, David L., Stanford University, Calif. Cavity resonator device for production of high-speed electrons. 2,543,082, Feb. 27.
Webster, David L., III, Miami, Fla. Attachment for the take-up bar of a sewing machine. 2,550,628, Apr. 24.
Webster, Douglas G., Falconer, N. Y. Bed table for supporting a book facing downwardly. 2,546,283, Mar. 27.
Webster Electric Company, assignee: *See*—
Campbell, Richard H.
Webster, Hugh G., assignor to J. H. Shoemaker, Detroit, Mich. Composition and process for electrolytic cleaning of metals. 2,547,510, Apr. 3.
Webster, Hugh G., assignor to J. H. Shoemaker, Detroit, Mich. Metal cleaning composition and process. 2,567,456, Sept. 11.
Webster, John C., assignor to C. G. Conn, Ltd., Elkhart, Ind. Acoustic measuring apparatus. 2,571,979, Oct. 16.
Webster, Parke, Monticello, Ind. Automatic weatherstrip. 2,541,451, Feb. 13.
Webster, Raymond C., Kansas City, Mo., assignor to W. E. Anderson, Inc. Static electricity indicator. 2,556,458, June 12.
Webster, Richard R.: *See*—
Work, Harold K., and Webster.
Webster, Robert H.: *See*—
Egger, Charles J., and Webster.
Webster, Robert M., Jr., and J. Thomas, Allentown, Pa., assignors to Mack Manufacturing Corporation, New York, N. Y. Hydraulic steering for six-wheel bogies. 2,560,501, July 10.
Webster, Samuel W., Dallas, Tex., assignor to Emsco Derrick & Equipment Company, Los Angeles, Calif. Adjustable multiple engine transmission. 2,541,625, Feb. 13.
Webster, Stanley F., Nashville, Tenn. Garment hanger. 2,577,940, Dec. 11.
Webster, Stanley F., Nashville, Tenn. Adjustable table attachment. 2,580,144, Dec. 25.
Webster, Warren, & Company, assignee: *See*—
Fitz Gerald, Alan S.
Webster, Winfield L., Grosse Pointe, Mich. Interchangeable replacement seat cover. 2,567,913, Sept. 11.
Wechsler, Ralph, Maplewood, and J. Levy, Union, assignors to Nopco Chemical Company, Harrison, N. J. Production of the 17-monobenzoate ester of $\Delta^{5,6}$-androstene-3,17-diol. 2,565,670, Aug. 28.
Wechsler, Stanley: *See*—
Meyer, Maximilian C., and Wechsler.
Weckerly, Mark A., assignor to Toledo Scale Company, Toledo, Ohio. Flexure plate scale. 2,545,908, Mar. 20.
Wedeberg, Reuben, Los Angeles, Calif., assignor to Stewart-Warner Corporation, Chicago, Ill. Timing mechanism. 2,545,719, Mar. 20.
Wedeberg, Reuben, Roscoe, Calif., assignor to Stewart-Warner Corporation, Chicago, Ill. Lubricating apparatus. 2,563,765, Aug. 7.
Wedekind & C., assignee: *See*—
Ottolenghi, Arturo B.
Wedge, Fred D., Oak Park, assignor to Wilson-Jones Company, Chicago, Ill. Loose-leaf binder. 2,552,076, May 8.
Wedge Protectors, Inc., assignee: *See*—
Hillix, Foster F.
Wedgwood, Clement T.: *See*—
Guy, Archibald, and Wedgwood.
Moore, Sydney J., and Wedgwood.
Wedgwood, Josiah, & Sons Limited, assignee: *See*—
Guy, Archibald, and Wedgwood.
Moore, Sydney J.
Moore, Sydney J., and Wedgwood.
Wedig, Frank L., assignor to Avco Manufacturing Corporation, Cincinnati, Ohio. Television receiver chassis construction. 2,570,017, Oct. 2.
Wedlake, Roy E., Wheatland, Pa. Molding apparatus. 2,565,829, Aug. 28.
Wedler, Frederick C.: *See*—
Calhoun, John A., Jr., and Wedler.
Wedler, Frederick C., Swarthmore, Pa., assignor to American Viscose Corporation, Wilmington, Del. Continuous system of extracting. 2,544,816, Mar. 13.
Wedler, Frederick C., Swarthmore, Pa., assignor to American Viscose Corporation, Wilmington, Del. Production of alkali cellulose. 2,558,066, June 26.
Wedmore, Hardin S., Santa Cruz, Calif. Soldering iron stand. 2,570,041, Oct. 2.

Wedrite, Victor T.: *See*—
Bucsko, Eugene J., and Wedrite.
Wedvik, Albert F., Everett, Wash. Open-end ratchet wrench. 2,565,154, Aug. 21.
Weed, Gehres D.: *See*—
Getz, Alfred J., and Weed.
Weed, Pearl, Wichita, Kans. Lunch box container. 2,562,248, July 31.
Weego, George W., Clemson, S. C. Measuring device. 2,567,981, Sept. 18.
Weekes, Robert I., Beardsden, assignor to The Mofussil Development Corporation Limited, Ayr, Scotland. Sanitary closet. 2,566,047, Aug. 28.
Weeks, Charles E., Union, Ohio. Tractor-mounted broadcast seeder. 2,561,002, July 17.
Weeks, Joseph I.: *See*—
Hunn, James V., and Weeks.
Weeks, Norman E., Normandy, assignor to Bemis Bro. Bag Company, St. Louis, Mo. Adhesively securing valve sleeves to bags. 2,542,170, Feb. 20.
Weeks, Robert L.: *See*—
Knox, William T., Jr., and Weeks.
Weeks, Robert W., West Chester, Pa., assignor to Wind Turbine Company. Tow cable. 2,555,430, June 5.
Weeks, Robert W., and R. L. Black, West Chester, Pa.; said Black assignor to said Weeks. Towing device. 2,568,425, Sept. 18.
Weeks, Roy F.: *See*—
Roeder, Dale, and Weeks.
Weeks, Roy F., Dearborn, and E. J. Farkas, Detroit, assignors to Ford Motor Company, Dearborn, Mich. Control for automatic transmissions. 2,536,861, Jan. 2.
Weeks, Walter R., Hamden, Conn., assignor to General Electric Company. Side-by-side coffee maker. 2,553,344, May 15.
Weeks, Wendy, Great Neck, N. Y. Hair retaining device. 2,547,295, Apr. 3.
Weeks, William L., Shawsville, Va. Map holder. 2,578,493, Dec. 11.
Weems, Prue E., Smyrna, Ga. Hand held scrubboard. 2,544,406, Mar. 6.
Weesner, William E.: *See*—
Gamrath, Harry R., and Weesner.
Weesner, William E., Webster Groves, assignor to Monsanto Chemical Company, St. Louis, Mo. Purification of esters of orthophosphoric acid. 2,573,658, Oct. 30.
Wege, Rolland M.: *See*—
Settles, James C., and Wege.
Weggum, Gust, Nashwauk, Minn., assignor to The Jeffrey Manufacturing Company. Movable feed hopper for belt conveyers. 2,554,077, May 22.
Weglarz, Edward, Cicero, Ill. Tappet adjusting tool. 2,566,543, Sept. 4.
Weglarz, Frank J., Chicago, Ill. Galloping horse. 2,561,301, July 17.
Wegman, Evert S., East Longmeadow, Mass., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Beverage dispenser having a coin reject mechanism controlled by carbon dioxide pressure. 2,546,879, Mar. 27.
Wegman, Evert S., Springfield, Mass., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Bottle vendor. 2,541,564, Feb. 13.
Wegman, Evert S., Springfield, Mass., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Vending apparatus. 2,562,288, July 31.
Wegman, Evert S., East Longmeadow, Mass., and B. G. Copping, Atlanta, Ga., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Dispensing apparatus for carbonated beverages. 2,547,423, Apr. 3.
Wegner, Halwin C., Milwaukee, Wis. Fish scaler. 2,538,435, Jan. 16.
Wehby, Charles T., Cincinnati, Ohio. Stethoscope head with tongue depressor. 2,566,687, Sept. 4.
Wehmiller, Frederick W., Ladue, W. J. Nekola, Normandy, and P. H. Spelbrink, assignors to Barry-Wehmiller Machinery Company, St. Louis, Mo. Conveyer. 2,543,142, Feb. 27.
Wehner, Robert S., Port Jefferson, N. Y., assignor to Radio Corporation of America. Ultra high frequency antenna. 2,539,680, Jan. 30.
Wehr, Andrew H., Erie, Pa. Liquid cooling device for refrigerators. 2,553,693, May 22.
Wehr, William G., North Madison, assignor to The Cleveland Crane & Engineering Company, Wickliffe, Ohio. Shear press. 2,539,602, Jan. 30.
Wehrli, Walter: *See*—
Neier, Reinhard, and Wehrli.
Ruckstuhl, Hans, Senn, and Wehrli.
Weibel, Herman, Lakewood, and A. J. Janik, assignors to The Ridge Tool Company, Elyria, Ohio. Pipe nipple chuck. 2,574,001, Nov. 6.
Weiblen, Erwin C.: *See*—
Doyle, Irving W., Herbstreit, and Weiblen.
Weichselbaum, Joseph J., assignee: *See*—
Curry, John G.
Weichselbaum, Theodore E., Normandy, Mo., assignor to Applied Research Corporation. Apparatus for spectrophotometric quantitative analysis. 2,562,874, July 31.
Weidenhoff, Joseph, Incorporated, assignee: *See*—
Rozett, Benjamin.

Weidinger, Robert C., Sr., Norwalk, Ohio. Vehicle steering and braking mechanism. 2,577,831, Dec. 11.
Weidler, Duane: *See*—
Rexford, Willis E., and Weidler.
Weidlich, William A., North Plainfield, and J. E. Davis, Bound Brook, N. J., assignors to Interchemical Corporation, New York, N. Y. Flatting agents. 2,568,599, Sept. 18.
Weidman, Fred, and E. M. Pierce, Cuyahoga Falls, Ohio, assignors to Carboloy Company, Inc. Masonry drill. 2,565,333, Aug. 21.
Weidner, Arthur W., York, assignor to Armstrong Cork Company, Lancaster, Pa. Vent-type bottle closure. 2,542,741, Feb. 20.
Weidner, Hilda, North Hollywood, Calif. Thread chasing tool. 2,550,949, May 1.
Weidner, Jack E., Milwaukee, Wis., assignor, by mesne assignments, to F. J. Stokes Machine Company, Philadelphia, Pa. Powdered material compacting press. 2,556,951, June 12.
Weidner, William, Greenwood Lake, N. Y. Forming shoe outsoles, using a force fit. 2,563,438, Aug. 7.
Weigand, Karl, Cincinnati, Ohio. Receptacle holder. 2,541,390, Feb. 13.
Weigel, Frederick W.: *See*—
Smith, Marion W., and Weigel.
Zies, Carl W., and Weigel.
Weigel, John G., Cincinnati, Ohio. Sander. 2,546,245. Mar. 27.
Weigele, Albert E., Newark, N. J., assignor, by mesne assignments, to National Pneumatic Co., Inc., Boston, Mass. Vehicle door and operating mechanism. 2,552,356, May 8.
Weigham, William R.: *See*—
Entwistle, Donald, and Weigham.
Weigham, William R., Coventry, England, W. J. C. Field, Holywell, Wales, and F. G. Dunton, Coventry, assignors to Courtaulds Limited, London, England. Manufacture of viscose. 2,578,274, Dec. 11.
Weigandt, Carl F., Memphis, Tenn., assignor of 49 percent to W. E. Turner, Jr., Pigott, Ark. Fish lure. 2,571,980, Oct. 16.
Weighton, Donald, assignor to Pye Limited, Cambridge, England. Frequency meter. 2,572,788, Oct. 23.
Weigle, Russell M.: *See*—
Chamberlin, Alan C., and Weigle.
Weijlard, John, and M. Tishler, Westfield, assignors to Merck & Co., Inc., Rahway, N. J. 3,4-diethoxymandelic acid and preparing same. 2,540,307, Feb. 6.
Weikart, John, Elizabeth, N. J., assignor to Standard Oil Development Company. Cracking and coking heavy hydrocarbons. 2,543,884, Mar. 6.
Weikart, Warren D., and E. F. Altomare, Leetonia, Ohio. Band saw tire mounting device. 2,572,789, Oct. 23.
Weiks, John E., Seattle, Wash. Baffle plate for use in tube type heat exchangers. 2,577,832, Dec. 11.
Weil, Leopold: *See*—
White, Jonathan W., Jr., Naghski, and Weil.
Weil, Leopold, Philadelphia, Pa., assignor to the United States of America as represented by the Secretary of Agriculture. Photochemical oxidation of nicotine. 2,543,817, Mar. 6.
Weil, Leopold, Philadelphia, and C. F. Woodward, Abington, Pa., F. L. Howard, Kingston, and H. L. Keil, Wakefield, R. I., assignors to the United States of America as represented by the Secretary of Agriculture. Fungicidal nicotinium salt compositions. 2,541,138, Feb. 13.
Weil, Maximilian, Scarsdale, N. Y. Magnetic pickup having multistyli. 2,553,492, May 15.
Weil, Walter M., assignee: *See*—
Cooper, Hugh S.
Weil, Walter M., Shaker Heights, and W. Bonsack, Lyndhurst, Ohio, assignors, by mesne assignments, to Ajax Engineering Corporation, Trenton, N. J. Electric furnace, including electromagnetic pump for molten metal. 2,539,215, Jan. 23.
Weiland, Christian F., New York, N. Y. Bandspread and scale equalizing resistance-capacitance tuning circuit. 2,540,702, Feb. 6.
Weiland, Edward A., Garfield Heights, assignor to The Hoover Company, North Canton, Ohio. Electric iron with signaling means. 2,566,270, Aug. 28.
Weiland, Edward A., Garfield Heights, assignor to The Hoover Company, North Canton, Ohio. Electric iron. 2,567,138, Sept. 4.
Weiland, Jerome G., Evanston, Ill. Measuring spoon. 2,569,703, Oct. 2.
Weiland, John N., assignor to The Cleveland Punch & Shear Works Co., Cleveland, Ohio. Fluid actuated clutch and brake mechanism. 2,538,996, Jan. 23.
Weiland, John N., assignor to The Cleveland Punch & Shear Works Co., Cleveland, Ohio. Fluid clutch with pressure booster. 2,538,997, Jan. 23.
Weiland, Richard H.: *See*—
Morrison, John A., and Weiland.
Weiler, Edward G., Columbus, Ohio. Coil selector for coin-controlled machines. 2,538,820, Jan. 23.
Weiler, John E., Austin, Tex. Formation tester. 2,544,623, Mar. 6.
Weiler, Peter B.: *See*—
Lewis, Albert M., and Weiler.

Weiler, Peter R., Aurora, Ill., assignor to Zenith Radio Corporation. Alternating-current-direct-current rectifier circuit. 2,570,175, Oct. 2.
Weiman Company, The, assignee: *See*—
Clingman, William H.
Weimann, Henry: *See*—
Peremi, Edmund, and Weimann.
Weimar, Hans C., Providence, R. I., assignor to Brown & Sharpe Manufacturing Company. Blocking the bore of a long hollow piston rod. 2,550,925, May 1.
Weimar, Hans C., assignor to Brown and Sharpe Manufacturing Company, Providence, R. I. Internal grinding fixture support. 2,554,651, May 29.
Weimer, Glen L.: *See*—
Bucklen, Herbert E., III, and Weimer.
Posey, John W., and Weimer.
Weimer, Paul K.: *See*—
Rajchman, Jan A., and Weimer.
Weimer, Paul K., Princeton, N. J., assignor to Radio Corporation of America. Electronic tube. 2,537,250, Jan. 9.
Weimer, Paul K., Princeton, N. J., assignor to Radio Corporation of America. Pickup tube system. 2,540,637, Feb. 6.
Weimer, Paul K., Princeton, N. J., assignor to Radio Corporation of America. Color television receiver. 2,545,325, Mar. 13.
Weimer, Paul K., Princeton, N. J., assignor to Radio Corporation of America. Television pickup tube. 2,545,982, Mar. 20.
Weimer, Paul K., Princeton, N. J., assignor to Radio Corporation of America. Pickup tube residual scanning eliminator. 2,575,477, Nov. 20.
Weimer, Paul K., Princeton, N. J., assignor to Radio Corporation of America. Isocon pickup tube. 2,579,351, Dec. 18.
Weimer, William H., North Prairie, Wis., assignor to Air Diesel Engine Corporation, Jackson, Mich. Engine starter. 2,568,136, Sept. 18.
Weinacker, Herman, Short Hills, and F. A. Dieterich, assignors to Universal Chain Co. Inc., Maplewood, N. J. Ornamental chain for bracelets or necklaces. 2,549,650, Apr. 17.
Weinberg, Alvin, University City, Mo. Advertising display device. 2,579,889, Dec. 25.
Weinberg, Edwin A., assignor to The Ludlow Valve Manufacturing Co., Inc., Troy, N. Y. Plug valve. 2,555,262, May 29.
Weinberg, Edwin A., assignor to The Ludlow Valve Manufacturing Co., Inc., Troy, N. Y. Gate valve. 2,562,157, July 24.
Weinberg, Harold L., assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Control valve. 2,538,436, Jan. 16.
Weinberg, Harold L., Newark, assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Bearing alarm system for railway trains. 2,560,753, July 17.
Weinberg, Morton I.: *See*—
Wing Shee, George L., and Weinberg.
Weinberg, Sidney H., Jr., Baldwin, N. Y., assignor to Basson's Picture Framing Co., Inc. T-square and drawing board. 2,549,403, Apr. 17.
Weinecke, Lawrence A.: *See*—
Gundersen, Daniel T., and Weinecke.
Weiner, Jan: *See*—
Bouchard, Leo J., Hammerslag, and Weiner.
Weingarden, Herbert, Detroit, Mich. Antenna setting device. 2,565,334, Aug. 21.
Weingardt, George C., assignor to The Swartzbaugh Manufacturing Company, Toledo, Ohio. Cover vent. 2,546,708, Mar. 27.
Weingart, Richard I. N., New York, N. Y. Registering coin bank. 2,569,360, Sept. 25.
Weinhardt, Grace K., administratrix: *See*—
Weinhardt, Robert A., and Weinhardt.
Weinhardt, Robert A., deceased, Detroit, Mich., G. K. Weinhardt, administratrix of said R. A. Weinhardt. Rotary power generator. 2,538,179, Jan. 16.
Weinheimer, Fred L., Sr., South River, N. J. Coaster brake. 2,540,039, Jan. 30.
Weining, Earl O.: *See*—
McCoy, Joe, and Weining.
Weinland, George F., Canadensis, Pa. Cord twisting machine. 2,578,618, Dec. 11.
Weinmayr, Viktor: *See*—
Lee, Henry R., and Weinmayr.
Weinreich, George F., Cary, assignor to C. P. Clare & Company, Chicago, Ill. Relay interlock. 2,540,976, Feb. 6.
Weinrich, Arthur R., Brackenridge, Pa., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Forming metallic oxide coatings upon siliceous support articles. 2,578,956, Dec. 18.
Weinrich, William W.: *See*—
Whitaker, Arthur C., and Weinrich.
Weinschenk, Frederick, Bridgeport, Conn. Ball dispensing apparatus. 2,539,216, Jan. 23.
Weinstein, Beatrice I. and B., Los Angeles, Calif., assignors of one-half to M. E. and B. Klickstein, Winthrop, Mass. Safety harness. 2,563,766, Aug. 7.
Weinstein, Bernard: *See*—
Weinstein, Beatrice I. and B.
Weinstein, Bert, New York, N. Y. Separable manifold record pad. 2,558,405, June 26.
Weinstein, David H., Pasadena, Calif., and M. Keiser, Long Branch, N. J., assignors to United States of America as represented by the Secretary of War. Acoustic ranging system, including magnetic recording. 2,573,748, Nov. 6.
Weinstein, Hilda S., Malverne, N. Y. Crib anchor for infants. 2,566,046, Aug. 28.
Weintraub, Irving: *See*—
Stovall, John R., Jr., and Weintraub.
Weintraub, Morris, assignee: *See*—
Thad, Theodore D.
Weir, Alfred D., Dallas, Tex. Roll film photographic camera. 2,548,924, Apr. 17.
Weir, Donald A.: *See*—
Wright, Esmond P. G., van Hasselt, and Weir.
Weir, Gordon E., Lakewood, Ohio. Vacuum cleaner housing unit. 2,544,405, Mar. 6.
Weir, Joseph T.: *See*—
Quetsch, John G., Jr., and Weir.
Weir, Robert H.: *See*—
Cavanaugh, Robert M., and Weir.
Weirich, Henry: *See*—
Weirich, William F., and H.
Weirich, William F., Philadelphia, and H. Weirich, Lenni, Pa. Cutout switch for motors. 2,568,476, Sept. 18.
Weis, Clarence: *See*—
Emanuel, Walter A., Sweeney, and Weis.
Weisbecker, August L., Williamstown, N. J. Electrical switch. 2,546,284, Mar. 27.
Weisbecker, August L., Williamstown, N. J. Voltage and phase measuring cathode-ray oscilloscope. 2,548,276, Apr. 10.
Weisbecker, Frank G., Glenside, Pa., assignor to Perforations, Inc., Palmyra, N. J. Apparatus for forming designs in knitted or woven fabrics of synthetic polyamide fibers. 2,550,893, May 1.
Weisbecker, Frank G., Glenside, Pa., assignor to Perforations, Inc., Palmyra, N. J. Forming designs in knitted or woven fabrics of synthetic polyamide fibers. 2,550,894, May 1.
Weisberg, Louis, Stamford, Conn. Electrodeposition of nickel. 2,579,636, Dec. 25.
Weisberg, Samuel M., E. H. Paulsen, and H. Silbermann, Baltimore, Md., assignors, by mesne assignments, to National Dairy Research Laboratories, Inc., New York, N. Y. Foil container. 2,573,524, Oct. 30.
Weisblat, David I.: *See*—
Lyttle, Douglas A., and Weisblat.
Weisblat, David I., and D. A. Lyttle, assignors to The Upjohn Company, Kalamazoo, Mich. Synthesis of tryptophane. 2,557,041, June 12.
Weisblat, David I., B. J. Magerlein, A. R. Hanze, and S. T. Rolfson, assignors to The Upjohn Company, Kalamazoo, Mich. Pteroylglutamic acid compounds and preparing same. 2,558,711, June 26.
Weisblat, David I., and A. R. Hanze, assignors to The Upjohn Company, Kalamazoo, Mich. Preparing pteridines. 2,560,616, July 17.
Weisblat, David I., and B. J. Magerlein, assignors to The Upjohn Company, Kalamazoo, Mich. Condensation of dihaloalkylaminobenzoates with aminohydroxypyrimidine. 2,560,617, July 17.
Weisblat, David I., B. J. Magerlein, and D. R. Myers, assignors to The Upjohn Company, Kalamazoo, Mich. Splitting of sulfonamides. 2,562,222, July 31.
Weisblat, David I., and B. J. Magerlein, assignors to The Upjohn Company, Kalamazoo, Mich. Arylsulfonyl derivatives of pteroylglutamic acid and intermediates therefor. 2,562,223, July 31.
Weisblat, David I., and D. A. Lyttle, assignors to The Upjohn Company, Kalamazoo, Mich. Amino acid synthesis. 2,570,297, Oct. 9.
Weisblat, David I., B. J. Magerlein, and A. R. Hanze, assignors to The Upjohn Company, Kalamazoo, Mich. Folic acid intermediates. 2,578,767, Dec. 18.
Weise, Carl A., Kansas City, Mo. Flexible joint for artificial limbs. 2,570,735, Oct. 9.
Weisel, Charles A., Somerville, and E. B. Cyphers, Cranford, N. J., assignors to Standard Oil Development Company. Extreme pressure lubricant and extreme pressure agents therefor. 2,542,604, Feb. 20.
Weiser, Sidney, New York, N. Y., assignor to Federal Manufacturing & Engineering Corp. Microscope with frictional vernier drive. 2,544,371, Mar. 6.
Weisert, Ray H., Redland, Calif. Grass catching attachment for lawn mowers. 2,568,045, Sept. 18.
Weisgerber, Cyrus A., assignor to Hercules Powder Company, Wilmington, Del. Pyridine preparation. 2,549,651, Apr. 17.
Weishar, Emrich, Ashton, Ill. Planter valve. 2,536,790, Jan. 2.
Weisheit, William F., assignor to Twentieth Century-Fox Film Corporation, Los Angeles, Calif. Arc lamp. 2,536,242, Jan. 2.
Weiskopf, Edwin C., New York, N. Y. Material-holder carrier for automatic immersion apparatus. 2,539,802, Jan. 30.
Weiskopf, Edwin C., New York, N. Y. Timing device. 2,550,102, Apr. 24.
Weiskopf, Edwin C., New York, N. Y. Filing cabinet. 2,559,203, July 3.
Weiskopf, Edwin C., New York, N. Y. Multiple lamp apparatus for interchanging liquid-cooled lamps. 2,569,876, Oct. 2.

Weisler, Allan B., New Orleans, La. Baseboard for electrical outlets. 2,574,075, Nov. 6.
Weisler, Leonard: *See*—
Cawley, John D., Robeson, Shantz, Weisler and Baxter.
Weisling, John H.: *See*—
O'Hara, Robert F., and Weisling.
Weisman, Ralph, Detroit, Mich. Leg for bed springs. 2,561,718, July 24.
Weismantel, Ellen E., Houston, Tex. Vacuum holding mat. 2,565,793, Aug. 28.
Weismueller, Henry G., Milwaukee, Wis. Rotary disk fruit and vegetable comminutor with interchangeable disks. 2,550,895, May 1.
Weiss, Abraham: *See*—
Weiss, Joseph and A.
Weiss, Adolph, Brooklyn, assignor to Interchemical Corporation, New York, N. Y. Web handling mechanism for multicolor printing presses. 2,574,002, Nov. 6.
Weiss, Albert, Bassersdorf, Switzerland. Outboard support for the arm of a radial boring machine. 2,545,181, Mar. 13.
Weiss, Arthur J., West Englewood, N. J., assignor to Robert Gair Company, Inc., New York, N. Y. Spool. 2,559,056, July 3.
Weiss, Benjamin, Flushing, N. Y. Garment hanger with integral locking means. 2,576,162, Nov. 27.
Weiss, David E., Chicago, Ill., assignor to Whitehouse Manufacturing Co. Inc., South Bend, Ind. Wrist cuff construction. 2,561,161, July 17.
Weiss, Dewey S., Portland, Oreg. Trailer drawbar. 2,548,085, Apr. 10.
Weiss, Dewey S., Portland, Oreg. Camera tripod head. 2,579,635, Dec. 25.
Weiss, Ernst, Wattwil, Switzerland, assignor, by mesne assignments, to Sidney M. Edelstein, Elizabeth, N. J. Making solutions of cellulose and resulting product. 2,536,334, Jan. 2.
Weiss, Erwin A., and L. H. Frailing, assignor to Packard Motor Car Company, Detroit, Mich. Transmission mechanism. 2,541,391, Feb. 13.
Weiss, Felix, Brookline, Mass., assignor to Cornell-Dubilier Electric Corporation, South Plainfield, N. J. Apparatus and procedure for filling electrical capacitors and the like. 2,573,123, Oct. 30.
Weiss, Gerhart, Long Island City, N. Y. Toy ejecting device. 2,541,392, Feb. 13.
Weiss, Gerhart, Sunnyside, assignor to O. N. Greene, New York, N. Y. Toy gun for discharging air bullets. 2,543,651, Feb. 27.
Weiss, Harry, Philadelphia, Pa. Automatic rivet punch. 2,570,296, Oct. 9.
Weiss, Herbert K., Aberdeen, Md. Automatically determining the angle of apparent climb or dive of a target. 2,539,501, Jan. 30.
Weiss, Howard, Richmond Hill, N. Y. Utility board and retaining frame for automobiles. 2,568,102, Sept. 18.
Weiss, Joseph, and A. Weiss, deceased, New York, N. Y., J. Weiss, administrator of said A. Weiss, assignor to J. Weiss individually. Brake control system for motor vehicles. 2,572,962, Oct. 30.
Weiss, Joseph G., Detroit, Mich. Eraser. 2,569,704, Oct. 2.
Weiss, Karl, Schnectady, and H. R. Sautter, West Albany, N. Y., assignors to General Electric Company. Coolant regulator for wet grinding wheels. 2,546,805, Mar. 27.
Weiss, Louis, assignee: *See*—
Schneider, Murray J.
Weiss, Max T.: *See*—
Beach, Eugene H., and Weiss.
Weiss, Nathan M., Compton, assignor to Cali-Quilt Furniture Mfg. Co., Lynwood, Calif. Furniture construction. 2,568,527, Sept. 18.
Weiss, Robert, Zurich, Switzerland. Two-stage quick-changing chuck. 2,557,486, June 19.
Weiss, Samuel, Portland, Oreg. Industrial truck attachment. 2,561,896, July 24.
Weiss, Saul, and E. C. Roberts, Arlington County, Va. Mortar base plate. 2,558,024, June 26.
Weiss, Walter A.: *See*—
Hickok, Robert D., and Weiss.
Weiss, Walter J., Rolling Hills Area, Calif., assignor to Texaco Development Corporation, New York, N. Y. Drilling fluid. 2,551,355, May 1.
Weiss, Walter J., Rolling Hills Area, Calif., assignor to Texaco Development Corporation, New York, N. Y. Drilling fluid. 2,551,356, May 1.
Weiss, Willi, Vernier, near Geneva, assignor to Society Brevets Aero-Mecaniques S. A., Geneva, Switzerland. Armor-piercing and incendiary shell. 2,564,870, Aug. 21.
Weissberg, Melvin, Brooklyn, N. Y., assignor to I. J. Rifkin and A. Turman. Composition and method for removing oil sludge. 2,559,574, July 3.
Weissberger, Arnold: *See*—
Thirtle, John R., and Weissberger.
Weissberger, Arnold, D. B. Glass, and P. W. Vittum, assignors to Eastman Kodak Company, Rochester, N. Y. Sulfonamide substituted p-phenylenediamines containing o-alkoxy groups as silver halide photographic developers. 2,548,574, Apr. 10.
Weissberger, Arnold, D. B. Glass, and P. W. Vittum, assignors to Eastman Kodak Company, Rochester, N. Y. N - β - methylsulfonamidoethyl - p phenylenediamines. 2,552,240, May 8.
Weissberger, Arnold, D. B. Glass, and P. W. Vittum, assignors to Eastman Kodak Company, Rochester, N. Y. p-phenylenediamines containing alkylacylamidoethyl or alkylacylamido-ethoxy ring substituents. 2,552,241, May 8.
Weissberger, Arnold, D. B. Glass, and P. W. Vittum, assignors to Eastman Kodak Company, Rochester, N. Y. P-phenylenediamines containing N-alkylacetamido ethyl substituent. 2,552,242, May 8.
Weissberger, Arnold, and D. B. Glass, assignors to Eastman Kodak Company, Rochester, N. Y. Photographic developer containing substituted sulfonamide groups. 2,566,271, Aug. 28.
Weisselberg, Arnold: *See*—
Stuber, Walter J., and Weisselberg.
Weisselberg, Arnold, Leonia, N. J. Dish washing machine with impeller coaxial with jet actuated rotary basket. 2,562,076, July 24.
Weissenborn, Oscar E.: *See*—
Van Dusen, Charles H., Jr., and Weissenborn.
Weisser, Adolph F., Des Moines, Iowa. Paintbrush jacket. 2,562,482, July 31.
Weissert, Frederick C., Aliquippa, E. B. Behrend, Pittsburgh, and R. C. Briant, Edgewood, Pa., assignors to The Firestone Tire & Rubber Company, Akron, Ohio. Stabilization of chlorinated rubbery polymers. 2,537,627, Jan. 9.
Weissman, Richard, assignor to Nuclear Instrument and Chemical Corporation, Chicago, Ill. Electrical apparatus. 2,547,511, Apr. 3.
Weissman, Sam I.: *See*—
Perlman, Morris L., and Weissman.
Weist, Otto J., Lodi, Calif. Automatic poultry feeder. 2,571,637, Oct. 16.
Weisz, Daniel I., C. F. Maroney, and R. W. McGrew, Ellwood City, Pa. Brake structure for platform type casters or the like. 2,572,548, Oct. 23.
Weisz, Thomas A., Columbus, Ohio, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Electrostatic precipitator. 2,565,458, Aug. 21.
Welblund, Albert G.: *See*—
Waddington, Ralph H., and Welblund.
Welblund, Albert G., Sudbury, Ontario, Canada, assignor to The International Nickel Company, Inc., New York, N. Y. Vibrating mechanism for dynamic mold casting machines. 2,578,213, Dec. 11.
Welborn, Walter W., Carrizo Springs, Tex. Self-lubricating wind motor. 2,554,652, May 29.
Welby, Henry R., assignor to Detroit Lubricator Company, Detroit, Mich. Liquid feed dividing means. 2,536,791, Jan. 2.
Welch, Albert F., assignor to General Motors Corporation, Detroit, Mich. Pressure indicator. 2,571,507, Oct. 16.
Welch, Anita F., assignor of one-half to J. F. Welch, Springfield, Mass. Bow tying apparatus. 2,542,222, Feb. 20.
Welch, Arthur R., and O. G. Morris, Hoquiam, Wash., said Morris assignor to said Welch. Special purpose synthetic resin mixture and making the same. 2,565,538, Aug. 28.
Welch, Edward S.: *See*—
Livingood, John J., Salisbury, and Welch.
Welch, Edward S., Jr., Framingham, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. High-frequency progressive bonding apparatus. 2,539,646, Jan. 30.
Welch, Harry J., Walled Lake, assignor to Novi Equipment Company, Novi, Mich. Fuel pump. 2,548,640, Apr. 10.
Welch, Henry, Silver Spring, Md., assignor to the United States of America. Production of aureotracin, a compound of aureomycin and bacitracin. 2,572,897, Oct. 30.
Welch, James D.: *See*—
Rummel, Ivan A., and Welch.
Welch, Jerome B.: *See*—
Cox, Irvin W., and Welch.
Welch, Jerome B., Wauwatosa, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Safety control for rocker-arm welders. 2,573,124, Oct. 30.
Welch, John F., assignee: *See*—
Welch, Anita F.
Welch, Lester M.: *See*—
Morrell, Charles E., Robey, and Welch.
Welch, Lester M., Madison, and H. L. Wilson, Elizabeth, N. J., assignors to Standard Oil Development Company. Boron fluoride in ethylidene fluoride for low-temperature polymerization. 2,548,415, Apr. 10.
Welch, Nelson O.: *See*—
Struve, Steve L., and Welch.
Welch, Oscar H., John Day, Oreg. Scoring device. 2,563,294, Aug. 7.
Welch, Paul V., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Pilot lamp station line circuits. 2,542,742, Feb. 20.
Welch, Stephen J.: *See*—
Johnson, Norman E., and Welch.
Welch, Thomas R., Los Angeles, Calif. Electromagnetic switch and thermally released shorting switch. 2,540,466, Feb. 6.

Welch, Thomas R., Los Angeles, Calif. Electric sign circuit. 2,573,076, Oct. 30.
Welch, W. W., Company, assignee: *See*—
Fukal, Alfred F.
Welch, William A.: *See*—
Anderson, Benjamin T., and Welch.
Welch, William E., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Airflow control apparatus. 2,545,563, Mar. 20.
Welch, William W., assignee: *See*—
Welch, William W., Jr.
Welch, William W., Jr., assignor to W. W. Welch, Cincinnati, Ohio. Whirling display device. 2,561,083, July 17.
Welch, William W., Sr., Cincinnati, Ohio. Window ventilator. 2,547,189, Apr. 3.
Welden, William A., Stamford, Conn., assignor to Revere Copper and Brass Incorporated, Rome, N. Y. Pressure cooker. 2,554,931, May 29.
Welding Research Inc., assignee: *See*—
Sciaky, Mario M.
Solomon, Julius L.
Welding Service, Inc., assignee: *See*—
Kerwin, Daniel G.
Weldon, George B.: *See*—
Whitehead, Randolph K., and Weldon.
Weldon, Leonard H. P.: *See*—
Deutsch, Franz S., and Weldon.
Weldon, William M., Corbin, Ky. Flow responsive valve. 2,577,055, Dec. 4.
Welebny, Julius A., Rockville Centre, N. Y. Eyelet setting tool and control mechanism therefor. 2,564,617, Aug. 14.
Welex Jet Services, Inc., assignee: *See*—
Thompson, Willis H., Tolson, and McLemore.
Welindt, Tage O.: *See*—
Jones, Frank D., Welindt, Garrett, and Hill.
Welk, Nelson S., assignor to The McBee Company, Athens, Ohio. Key operated card punching machine. 2,569,208, Sept. 25.
Welk, Nelson S., assignor to The McBee Company, Athens, Ohio. Ledger tray cabinet. 2,569,209, Sept. 25.
Welk, Nelson S., assignor to The McBee Company, Athens, Ohio. Tariff drill. 2,569,210, Sept. 25.
Welker, Earl L., Kansas City, Mo. Coin control system for record changing and selecting phonographs. 2,537,436, Jan. 9.
Well Equipment Mfg. Corp., assignee: *See*—
Parmesan, Daniel J.
Well Surveys, Incorporated, assignee: *See*—
Harris, Phil C.
Neufeld, Jacob.
Swift, Lawrence M.
Thayer, Jean M., and Fearon.
Wellauer, Edward J., Wauwatosa, assignor to The Falk Corporation, Milwaukee, Wis. Flexible coupling. 2,540,703, Feb. 6.
Wellauer, Edward J., Wauwatosa, assignor to The Falk Corporation, Milwaukee, Wis. Flexible coupling. 2,555,909, June 5.
Wellborn, John H., Starkville, Miss. Turnbuckle attachment for trusses. 2,539,290, Jan. 23.
Wellen, James F., assignor of one-half to P. P. Cafardi, Pittsburgh, Pa. Canopy for gasoline dispensing pumps. 2,547,896, Apr. 3.
Wellensiek, Adolph H., Shaker Heights, Ohio. Adjustable louver assembly. 2,556,352, June 12.
Weller, Barton L., Richland, Wash., assignor to the United States of America as represented by the United States Atomic Energy Commission. Direct current negative feedback amplifier. 2,536,617, Jan. 2.
Weller, Clair B., Burbank, Calif. Twisting mechanism. 2,551,986, May 8.
Weller, Clair B., Burbank, Calif. Chenille making machine. 2,576,430, Nov. 27.
Weller, Clair B., Los Angeles, Calif. Ticket forming and marking machine. 2,551,985, May 8.
Weller, Frank E., Bloomfield, N. J., assignor to Trans-Lux Corporation, New York, N. Y. Projection display apparatus. 2,566,710, Sept. 4.
Weller, Jack Lee, London, assignor to Sankey-Sheldon Limited, Bilston, England. Draw leaf extension attachment for tables. 2,577,724, Dec. 4.
Weller, Sol W., Pittsburgh, Pa., assignor to the United States of America as represented by the Secretary of the Interior. Recovery of light elemental gases. 2,540,152, Feb. 6.
Weller, Sol W., and W. A. Steiner, Pittsburgh, Pa., assignors to the United States of America as represented by the Secretary of the Interior. Separation of oxygen from gas mixtures containing the same. 2,540,151, Feb. 6.
Weller, Winfred W., Likely, Calif. Can opener. 2,567,457, Sept. 11.
Wellington, Harry W., Chicago, Ill. Electrical socket. 2,550,177, Apr. 24.
Wellman, Albert, Scotia, N. Y., assignor to General Electric Company. Condition responsive, timing, and sequencing circuit control. 2,550,507, Apr. 24.
Wellman Engineering Company, The, assignee: *See*—
Crist, Robert W.
Wellman, Fred, Indianapolis, Ind. Making molded laminated articles. 2,564,941, Aug. 21.
Wellman, Richard H.: *See*—
Law, George H., and Wellman.
Smith, Carleton N., Whaley, and Wellman.
Wellman, S. K., Company, The, assignee: *See*—
Gaines, Walter S.
Patrick, Malcom W.
Wellman, Samuel K.
Wellman, Samuel K., Cleveland Heights, assignor to The S. K. Wellman Company, Cleveland, Ohio. Method and apparatus for forming briquettes. 2,541,899, Feb. 13.
The, assignee: *See*—
Wellman Smith Owen Engineering Corporation Limited, Kay, Ignatius.
Wellman, Walter C., assignor to White Products Company, Middleville, Mich. Thermostat mounting assembly for hot-water heaters and the like. 2,575,150, Nov. 13.
Wellons, Richard S., Belmont, assignor to Raytheon Manufacturing Company, Newton, Mass. Electrical circuits. 2,556,129, June 5.
Wells Adjusto Gate Co., assignee: *See*—
Wells, Charles H. and W. E.
Wells, Alton R., assignee: *See*—
Dales, George F.
Wells, Arthur A., and G. S. Knapp, assignors to The Homer Laughlin China Company, Newell, W. Va. Inking apparatus for machines for stamping decorations on potteryware. 2,571,638, Oct. 16.
Wells, Arthur L., Des Plaines, Ill. Paint striping apparatus. 2,548,456, Apr. 10.
Wells, Bruce, deceased, Portland, Oreg.; M. S. Wells, executrix. Producing printing plates. 2,571,397, Oct. 16.
Wells, Charles H. and W. E., assignors to Wells Adjusto Gate Co., Omaha, Nebr. Truck partition. 2,543,143, Feb. 27.
Wells-Coates, Wells W., London, England. Sailing craft. 2,561,253, July 17.
Wells, Edward C., assignor to Boeing Airplane Company, Seattle, Wash. Retractable landing gear. 2,550,028, Apr. 24.
Wells, Floyd, Company, assignee: *See*—
Saponara, Domenick.
Wells, Frank W., Pasadena, Calif., and J. T. Kulhavy, Rock Island, Ill., assignors to J. I. Case Company, Racine, Wis. Power lift. 2,563,143, Aug. 7.
Wells, Harold D., Glens Falls, N. Y. Paper stock refining machine. 2,544,971, Mar. 13.
Wells, Irus M., Redmond, Oreg. Boat creel. 2,560,054, July 10.
Wells, James R., Dayton, Ohio. Torque wrench and gear-driven wrench adapter. 2,569,509, Oct. 2.
Wells, Lawrence V., assignor to Wilcox-Gay Corporation, Charlotte, Mich. Crystal cutter driving circuit. 2,541,393, Feb. 13.
Wells, Louis, assignor to Fashioncraft Products, Brooklyn, N. Y. Nursing bottle container and support. 2,541,002, Feb. 6.
Wells, Luther A., assignee: *See*—
Chrisman, Delbert.
Wells Manufacturing Company, assignee: *See*—
Wells, Raymond L.
Wells, Marjorie H. C., London, England. Airfield approach instrument for use in aircraft. 2,542,102, Feb. 20.
Wells, Marjorie S., executrix: *See*—
Wells, Bruce.
Wells, Martin M.: *See*—
Bird, James R., and Wells.
Wells, Raymond L., assignor to Wells Manufacturing Company, Attleboro, Mass. Bracelet. 2,539,110, Jan. 23.
Wells, Richard H., Mount Lebanon, and C. C. Hein, Wilkinsburg, Pa. Display device for weighing apparatus. 2,566,711, Sept. 4.
Wells, Richard J.: *See*—
Fehr, Robert O., Fiske, Jr., and Wells.
Wells, Robert S.: *See*—
Anderson, James T., and Wells.
Wells, Roy E., Seaforth, near Sydney, Australia. Double-action relay. 2,558,067, June 26.
Wells, Walter E.: *See*—
Wells, Charles H. and W. E.
Wells, William R.: *See*—
Jimenez, James A., Bloomquist, and Wells.
Wells, William S., Palo Alto, Calif., asignor to Daisy Manufacturing Company, Plymouth, Mich. Cocking mechanism for pneumatic guns. 2,568,308, Sept. 18.
Wells, William S., Palo Alto, Calif., assignor to Daisy Manufacturing Company, Plymouth, Mich. Removable shot magazine for pneumatic guns. 2,573,884, Nov. 6.
Welsh, Harvey W.: *See*—
Schwartz, Edward W., Brand, and Welsh.
Welsh, James E., Burbank, Calif. Service or rental type water softener and regenerating same. 2,572,082, Oct. 23.
Welsh, James W.: *See*—
Sitzer, Philip, and Welsh.
Welsh, Lowell A., Milford, Nebr. Collapsible golf bag carrier. 2,574,232, Nov. 6.
Welsh Manufacturing Company, assignee: *See*—
Lindblom, Frank W.
Welsh, Matilda D., St. Louis County, Mo. Baby carriage and bassinet. 2,565,415, Aug. 21.

Welsh, Robert J., Rugby, assignor to The English Electric Company Limited, London, England. Governing of free piston type internal-combustion compressors with respect to both cushion cylinder pressure and compressor cylinder inlet pressure. 2,538,490, Jan. 16.

Welsh, Robert J., Rugby, assignor to The English Electric Company Limited, London, England. Variable distribution of fuel spray for direct fuel injection internal-combustion engines. 2,570,616, Oct. 9.

Welsh, Robert J., and A. B. Fitz Herbert, Rugby, assignors to The English Electric Company Limited, London, England. Free piston type internal-combustion compressor. 2,554,762, May 29.

Welshenbach, Charles D., assignor to The Hinde & Dauch Paper Company, Sandusky, Ohio. Golf club box. 2,559,552, July 3.

Welshenbach, Charles D., assignor to The Hinde & Dauch Paper Company, Sandusky, Ohio. Polygonal box. 2,565,188, Aug. 21.

Welte, Benedict, Lake Orion Township, Oakland County, assignor to Colonial Broach Company, Warren Township, Mich. Broaching machine. 2,539,981, Jan. 30.

Welte, Benedict, Lake Orion Township, Oakland County, assignor to Colonial Broach Company, Detroit, Mich. Valve and hydraulic circuit therefor. 2,568,528, Sept. 18.

Welte, Benedict, Lake Orion, and O. J. Abbott, Jr., Detroit, assignors to Colonial Broach Company, Warren Township, Mich. Means mounting curtain for covering ways of machine beds. 2,551,860, May 8.

Welter, Roy: *See*—
Prager, Frank D., and Welter.

Weltman, William C., and C. J. Straka, Pittsburgh, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Phenolic resin composition and products produced therefrom. 2,579,637, Dec. 25.

Welton, Norman S., Nitro, W. Va., assignor to American Viscose Corporation, Wilmington, Del. Staple fiber. 2,541,181, Feb. 13.

Weltronic Company, assignee: *See*—
Elliott, Lauren F.
Poole, Lloyd C.
Undy, Gustav E.

Welty, Albert B., Moline, Ill., assignor to International Harvester Company. Moisture tester. 2,544,943, Mar. 13.

Welty, Albert B., Jr., Mountainside, N. J., assignor to Standard Oil Development Company. Coal gasification. 2,538,219, Jan. 16.

Welty, Albert B., Jr., Mountainside, N. J., assignor to Standard Oil Development Company. Recovery of phthalic and maleic acid. 2,540,559, Feb. 6.

Welty, Albert B., Jr., Mountainside, N. J., assignor to Standard Oil Development Company. Apparatus for conversion of hydrocarbons. 2,550,741, May 1.

Welty, Albert B., Jr., Mountainside, N. J., assignor to Standard Oil Development Company. Conversion of hydrocarbon gases to hydrogen and carbon monoxide. 2,550,742, May 1.

Welz, Albert, assignor to North Brothers Manufacturing Company, Philadelphia, Pa. Strut means for adjustable angle vises. 2,550,629, Apr. 24.

Welz, Christopher J.: *See*—
Moffett, Walter K., and Welz.

Wemmer, Roy, Sr., Omaha, Nebr. Duck caller. 2,564,942, Aug. 21.

Wemp, Eleanor, M., assignee: *See*—
Wemp, Ernest E.

Wemp, Ernest E., Detroit, Mich. Transmission of power. 2,541,452, Feb. 13.

Wemp, Ernest E., Detroit, Mich. Centrifugally engaged fluid clutch. 2,562,515, July 31.

Wemp, Ernest E., Detroit, Mich., assignor of five per cent to E. M. Wemp, Los Angeles, Calif., five per cent to C. J. Smith, five per cent to L. K. Smith, and twenty per cent to L. A. Wemp, Detroit, Mich. Transmission and control. 2,567,042, Sept. 4.

Wemp, Ernest E., Detroit, Mich. Transmission and clutch control. 2,567,043, Sept. 4.

Wemp, Lila A., assignee: *See*—
Wemp, Ernest E.

Wenander, Harald S., Stockholm, Sweden. Vibrating device. 2,546,806, Mar. 27.

Wenberg, Edwin H., Caracas, Venezuela. Solar navigating instrument. 2,560,618, July 17.

Wendel, Clifford A., Butte, Mont. Automatic fluid sampling device. 2,576,737, Nov. 27.

Wender, Simon H., Norman, Okla., assignor to the United States of America as represented by the Administrator of the Federal Security Agency. Isolating quercitrin from peanut hulls. 2,557,164, June 19.

Wendler, Norman L., Linden, and H. L. Slates, Cranford, assignors to Merck & Co., Inc., Rahway, N. J. 6-keto-$\Delta^{5,9}$-10-methyldecalone-1. 2,542,223, Feb. 20.

Wendler, Norman L., Linden, and H. L. Slates, Cranford, assignors to Merck & Co., Inc., Rahway, N. J. Preparation of beta-methylcrotonaldehyde. 2,577,867, Dec. 11.

Wendling, René F. R.: *See*—
Durr, André H. V., Wendling, and Gardedieu.

Wendt, Arthur S., New York, assignor to Fred Fear & Company, Brooklyn, N. Y. Coloring composition capable of forming a film on water. 2,553,617, May 22.

Wendt, Donovan D.: *See*—
Schjeldahl, Gilmore T., and Wendt.

Wendt, Harold O., Columbus, Ohio, assignor to Curtiss-Wright Corporation. Aircraft control surface. 2,553,694, May 22.

Wendt, Harold O., Columbus, Ohio, assignor to Curtiss-Wright Corporation. Differential spring balance tab. 2,577,439, Dec. 4.

Wendt, Karl R., Hightstown, N. J., assignor to Radio Corporation of America. Direct current reinsertion circuit for television systems. 2,550,178, Apr. 24.

Wendt, Karl R., Hightstown, N. J., assignor to Radio Corporation of America. Registration of scanning patterns of cathode-ray tubes. 2,552,357, May 8.

Wendt, Karl R., Eggertsville, N. Y., assignor to Radio Corporation of America. Phase comparator for horizontal sweep deflection circuit. 2,564,588, Aug. 14.

Wendt, Karl R., Hightstown, N. J., and H. R. Hegbar, Akron, Ohio, assignors to Radio Corporation of America. Direct-current transfer system. 2,543,428, Feb. 27.

Wendt, Robert H., Evanston, Ill. Meat frying cover and removable handle. 2,536,246, Jan. 2.

Wendt, Robert H., Evanston, Ill. Paper fastener. 2,536,792, Jan. 2.

Wendt, Robert H., Evanston, Ill. Device for protecting and reinforcing the leads and points of pencils. 2,562,345, July 31.

Wendt, Robert H., Evanston, Ill. Key ring and key enclosure. 2,564,242, Aug. 14.

Wengel, Arthur M., Blooming Grove, and L. S. Sadler, Madison, Wis., assignors to Ray-O-Vac Company. Cell testing apparatus. 2,540,225, Feb. 6.

Wenger, Edgar, Calgary, Alberta, Canada. Water heater. 2,557,712, June 19.

Wenger, Frank J., assignor to Electronic Distributors Inc., Washington, D. C. Tool. 2,560,318, July 10.

Wenger, Harry J., Owatonna, Minn. Combination chair and support for sousaphones. 2,575,540, Nov. 20.

Wenger, Martin W., Arlington, Calif. Adjustable wire netting protector. 2,555,620, June 5.

Wenis, Edward: *See*—
Gardner, Thomas S., and Wenis.

Wenk, Edward A., New York, N. Y. Apparatus for dewaxing and dehydrating refrigerants. 2,577,834, Dec. 11.

Wenke, Rose, Brooklyn, N. Y. Swimming device. 2,557,367, June 19.

Wennemer, Gerard P., Fairmount, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Ringing equipment for pulse modulation systems. 2,547,549, Apr. 3.

Wenner, Barney H., assignee: *See*—
Rothenberg, Moe W.

Wenner, Ira R., Sycamore, Ohio. Elevator. 2,557,623, June 19.

Wenner, Ralph R., West Carrollton, Ohio, assignor to Monsanto Chemical Company, St. Louis, Mo. Multistage continuous reaction process for the production of vinyl acetate. 2,547,916, Apr. 3.

Wenner, Wilhelm: *See*—
Fox, Herman H., and Wenner.
Platt, John T., and Wenner.

Wennerbo, Erik, assignor to Industriaktiebolaget Luxor, Motala, Sweden. Record changing phonograph. 2,549,272, Apr. 17.

Wennerstrom, Carl H., Chicago, Ill. Pocket construction. 2,557,366, June 19.

Wenrich, Loran: *See*—
Good, Walter A., and Wenrich.

Wensel, Roy G., Clarion, Pa. Headlight control. 2,571,981, Oct. 16.

Went, Burton H., Portland, Oreg. Coin box. 2,544,118, Mar. 6.

Wentworth, Chandler: *See*—
Donley, Hugh L., and Wentworth.

Wentworth, Elmer J., Framingham, assignor to Smith Control and Instrument Corporation, Needham, Mass. Thermostatic switch. 2,547,610, Apr. 3.

Wentworth, Robert S., Mamaroneck, N. Y. Toy sailboat with steering means. 2,561,831, July 24.

Wentz, Edward A., Jersey City, assignor to Specialties Development Corporation, Belleville, N. J. Yarn tensioning device. 2,570,617, Oct. 9.

Wentz, Edward C., Sharpsville, and F. L. W. Norton, Sharon, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Welding transformer. 2,542,851, Feb. 20.

Wenz, Harry G., Bronx, N. Y. Star clock. 2,567,139, Sept. 4.

Wenz, Philip H., assignee: *See*—
Patten, Bernard J.

Wenzel, Alfred C., assignor to Republic Flow Meters Company, Chicago, Ill. Combustion control apparatus 2,549,733, Apr. 17.

Wenzel, Fred W.: *See*—
Wenzel, Herman F. and F. W.

Wenzel, H., Tent & Duck Co., assignee: *See*—
Wenzel, Herman F. and F. W.

Wenzel, Herman F., Fenton, and F. W. Wenzel, Clayton, assignors to H. Wenzel Tent & Duck Co., St. Louis, Mo. Tarpaulin. 2,562,005, July 24.

Wenzelberger, Elwood P., assignor to The Commonwealth Engineering Company of Ohio, Dayton, Ohio. Apparatus for the dehydration of water-bearing substances. 2,552,525, May 15.

Wenzelberger, Elwood P., assignor to The Commonwealth Engineering Company of Ohio, Dayton, Ohio. Freeze dehydration of liquid bearing substances. 2,559,204, July 3.
Wenzelberger, Elwood P., assignor to The Commonwealth Engineering Company of Ohio, Dayton, Ohio. Freeze dehydration of liquid substances. 2,559,205, July 3.
Werder, Raymond E., Latrobe, Pa. Template for setting timbers for uniform nailing. 2,567,586, Sept. 11.
Werf Conrad en Stork Hijsch N. V., assignee: *See*— Esseling, Cornelis J.
Werich, Herbert A., Eggertsville, N. Y. Socket wrench. 2,555,836, June 5.
Werklund, Harald: *See*— Davidson, Carl A., and Werklund.
Werkspoor N. V., assignee: *See*— Lugt, Gerard J. Vàhl, László.
Werman, A., & Sons, Inc., assignee: *See*— Hoffenberg, Isidor.
Werner, Calvin J.: *See*— Alexander, Donald F., and Werner.
Werner, Calvin J., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Shock absorber. 2,576,658, Nov. 27.
Werner, Edward, Los Angeles, Calif., assignor to North American Aviation, Inc. Nut and plate temporary fastener. 2,570,618, Oct. 9.
Werner, Edward R.: *See*— West, Richard F., and Werner.
Werner, Fred H., and J. J. Graham, assignors to H. L. Judd Company, Wallingford, Conn. Drapery carrier. 2,576,086, Nov. 20.
Werner, John, assignor to Aciform Corporation, Chicago, Ill. Massage vibrator. 2,574,945, Nov. 13.
Werner, Leo C., Bloomfield, N. J., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Electron discharge device and locking means therefor. 2,554,078, May 22.
Werner, Louis B., Berkeley, Calif, assignor to the United States of America as represented by the United States Atomic Energy Commission. Radioactive product and producing the same. 2,554,476, May 22.
Werner, Louis B., Berkeley, Calif., assignor to the United States of America as represented by the United States Atomic Energy Commission. Separation of americium from solutions containing the same. 2,577,097, Dec. 4.
Werner, Nels E., assignor to Bigelow-Liptak Corporation, Detroit, Mich. Refractory lined receptacle. 2,542,951, Feb. 20.
Werner, Ralph M., Deer Lake, Pa. Vehicle door. 2,542,605, Feb. 20.
Werner, Raymond E.: *See*— Opp, Carl J., and Werner.
Werner, Robert A., Milner, Colo. Clothespin. 2,542,224, Feb. 20.
Werner, Robert E., Sr., assignor of forty-five per cent to O. E. Hand, Olean, N. Y. Spectacle defroster. 2,551,777, May 8.
Werner, William L.: *See*— Ostlind, Joel, and Werner.
Werner, Willy W., Detroit, Mich. Door check and closer. 2,544,372, Mar. 6.
Wernig, James H., assignor to General Motors Corporation, Detroit, Mich. Window mounting. 2,547,799, Apr. 3.
Wernlund, Christian J., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Electropolishing steel. 2,565,189, Aug. 21.
Werntz, James H.: *See*— McQueen, David M., and Werntz.
Werntz, James H., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Quaternary ammonium salts of phosphorus acid esters. 2,563,506, Aug. 7.
Werntz, James H., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Wax, polymeric ketone, and amine compositions. 2,566,272, Aug. 28.
Werthessen, Nicholas T.: *See*— Morgan, Myles, and Werthessen.
Wertman, David, Mount Rainier, and R. K. Bole, Bethesda, Md. Automatic hoist control. 2,566,391, Sept. 4.
Werts, Richard A., Wilmington, Calif. Automatic bleeder for water and oil separation. 2,568,309, Sept. 18.
Wertz, Louis S., assignee: *See*— Montague, John R.
Wertz, Louis S., Cleveland, Ohio. Grouting process and apparatus. 2,560,619, July 17.
Wery, Albert G., Teaneck, N. J., assignor to Rex Slide Fastener Corporation. Manufacture for slide fasteners. 2,573,171, Oct. 30.
Werzyn, Joseph P., Jackson Heights, N. Y. Camera supporting floodlight assembly. 2,560,200, July 10.
Wescot Development Corporation, The, assignee: *See*— Croce, Santy M.
Wescott, Harvey M., South Westport, Mass. Partially expandible toy figure. 2,559,909, July 10.
Wesley, Andrew: *See*— Roehl, Edward J., and Wesley.
Wesley, Robert O.: *See*— Hough, Cass S., Wesley, Scalingi, and Gaeke.
Wesner, Wilton W., Rancocas, N. J. Composite sheathing board and making same. 2,553,227, May 15.
Wesp, George L., Dayton, Ohio, assignor to Monsanto Chemical Company, St. Louis, Mo. Copolymerizing styrene and alpha methyl styrene. 2,556,459, June 12.
Wesselink, Balthazar J.: *See*— Alexander, Johan W., and Wesselink.
Wessman, Carl R., Shaker Heights, Ohio. Apparatus for flattening cold-rolled strip metal. 2,543,392, Feb. 27.
Wesson, Clarke D.: *See*— Morgan, Weld, and Wesson.
West, Allen and Company Limited, assignee: *See*— Bunyan, John.
West, Bertram H.: *See*— Stibbe, Edward V., and West.
West, Charles, assignor to H. Oliver and L. Stone, London, England. Apparatus for polishing precious stones. 2,569,592, Oct. 2.
West, Charles A., Southbridge, Mass. Temperature controlled actuating mechanism. 2,547,800, Apr. 3.
West, Charles A., Southbridge, Mass. Sensitivity improver for temperature controllers. 2,568,574, Sept. 18.
West, Charles D., Orlando, Fla. Molding cover. 2,536,895, Jan. 2.
West, Charles P., Detroit, Mich. Water softener. 2,554,163, May 22.
West, Charles P., Pittsburgh, and L. L. Fountain, Wilkinsburg, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Electrical distribution system. 2,554,284, May 22.
West Company, The, assignee: *See*— Underwood, James E.
West, Constance L., executrix: *See*— West, Frank R.
West Construction Company, The, assignee: *See*— West, William C.
West Disinfecting Company, assignee: *See*— Cripe, John W. Marcuse, James E. Rich, Hyman R.
West, Ernest: *See*— West, Frederick J. and E.
West, Frank, Cincinnati, Ohio. Wash rag structure constructed to contain soap. 2,574,854, Nov. 13.
West, Frank R., deceased, San Andreas, Calif., assignor of one-half to J. W. Young, Fall River, Mass.; C. L. West, executrix of estate of said F. R. West. Refrigerator cabinet construction. 2,541,453, Feb. 13.
West, Franklin G., Garden City, Kans. Sack holder and dispenser. 2,578,115, Dec. 11.
West, Fred W.: *See*— Zerner, Ernst, Gradsten, and West.
West, Frederick J. and E., assignors to West's Gas Improvement Company Limited, Manchester, England. Gas producer, including rotatable ash breaking grate means. 2,548,086, Apr. 10.
West, Herbert J., Pittsburgh, Pa., assignor to American Cyanamid Company, New York, N. Y. Thermosetting compositions comprising aminoplast and chlorotriazines. 2,573,525, Oct. 30.
West, Halstead W., Detroit, Mich. Wall hanger. 2,559,099, July 3.
West, Harold E. W., Allestree, assignor to Rolls-Royce Limited, Derby, England. Spark type ignition system for combustion engines. 2,544,477, Mar. 6.
West, Harold K., assignee: *See*— Grove, Stephen L.
West, Harold W. and L. R., South Gate, Calif. Shape cutting machine. 2,546,116, Mar. 20.
West, Herbert J., Pittsburgh, Pa., assignor to American Cyanamid Company, New York, N. Y. Blending alkyd resin and ether of dimethylol urea. 2,541,139, Feb. 13.
West, Herbert J., Pittsburgh, Pa., and H. M. Enterline, Riverside, Conn., assignors to American Cyanamid Company, New York, N. Y. Heat-stable plasticized aminotriazine resin compositions. 2,560,319, July 10.
West, Hewitt S., assignee: *See*— Furman, William H., and Whitesides.
West, Howard K.: *See*— Berger, Emil J., and West.
West, James L., Jr., assignor to Monsanto Chemical Company, St. Louis, Mo. Stabilized benzyl chloride. 2,542,225, Feb. 20.
West, James P., Westmont, assignor to Universal Oil Products Company, Chicago, Ill. Condensation products of ethylene and rubber. 2,556,158, June 12.
West, James P., Westmont, assignor to Universal Oil Products Company, Chicago, Ill. Drying oil composition. 2,578,214, Dec. 11.
West, James P., Westmont, and L. Schmerling, Riverside, assignors to Universal Oil Products Company, Chicago, Ill. Hydrogen-halogen exchange process. 2,553,799, May 22.
West, James P., Westmont, and L. Schmerling, Riverside, assignors to Universal Oil Products Company, Chicago, Ill. Hydrogen-halogen exchange process. 2,553,800, May 22.
West, James R.: *See*— Tuft, Miles H., and West.
West, John W.: *See*— Menzel, Paul R., and West.
West, Lloyd R.: *See*— West, Harold W. and L. R.
West, Maxwell A., Portland, Oreg. Multiple grooved nail file. 2,566,688, Sept. 4.

West, Merle J., assignor to I. King, Los Angeles, Calif. Mounting means for bulk ice-cream containers. 2,567,458, Sept. 11.
West, Richard A., Dullatur, Dumbarton, Scotland, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Control system for electric motors. 2,578,988, Dec. 18.
West, Richard F., Lynwood, and E. R. Werner, Redondo Beach, Calif. Reply signal for telephones. 2,557,487, June 19.
West Road Co. Limited, assignee: *See*—
Denisoff, Alexander C.
West, Roscoe D., Traverse City, Mich. Fishing reel. 2,548,247, Apr. 10.
West, Samuel H., Sault Sainte Marie, Ontaria, Canada. Mattress. 2,570,736, Oct. 9.
West, Thomas J., assignor of forty per cent to E. L. Riling, Wilkinsburg, Pa. Combustion chamber structure for fluid fuel burning air heating furnaces. 2,541,315, Feb. 13.
West, Victor E., assignor to Standard Railway Equipment Manufacturing Company, Chicago, Ill. Railway car roof structure. 2,565,710, Aug. 28.
West, William, Montreal, assignor to Donahue Corporation of Canada Ltd., St. Hyacinthe, Quebec, Canada. Stiff narrow fabric. 2,544,373, Mar. 6.
West, William A., Hume, Mo. Fishing float. 2,572,790, Oct. 23.
West, William C., assignor to The West Construction Company, Chattanooga, Tenn. Pug mill. 2,570,042, Oct. 2.
Westall, Thomas E., assignor to Marion Machine Company, Marion, N. C. Overhead loader for vehicles. 2,560,674, July 17.
West Bend Aluminum Co., assignee: *See*—
Heidner, Richard C.
Krueger, Robert G., and Kircher.
Morrison, Willard L., Jr.
Westberg, Hilding A., Minneapolis, Minn. Rack. 2,539,803, Jan. 30.
Westberg, Johan E. H.: *See*—
Björklund, Gustaf E., and Westberg.
Westberg, Per, assignor to Aktiebolaget Alona, Orebro, Sweden. Sole edge roughing-up machine. 2,544,870, Mar. 13.
Westberg, Vernon C.: *See*—
Nilson, James H., and Westberg.
Westbrook, James V., Los Angeles, Calif. Valve. 2,545,834, Mar. 20.
Westbrook, Joseph W., Sr., Greensboro, N. C. Foot measuring device. 2,554,285, May 22.
Westbury, Roy: *See*—
Dodson, Edward, and Westbury.
Westbury, Roy, Lapley, near Stafford, assignor to H. M. Hobson Limited, London, England. Remotely operated hydraulic servomotor. 2,563,295, Aug. 7.
Westbury, Roy, Lapley, near Stafford, assignor to H. M. Hobson Limited, London, England. Fluid pressure servomotor. 2,566,273, Aug. 28.
Westby, George, Boulder City, Nev., assignor to the United States of America as represented by the Secretary of the Interior. Electrowinning chromium. 2,577,833, Dec. 11.
Westby, Henry A., Minneapolis, Minn., assignor to General Mills, Inc. Pressure cooker safety device. 2,566,008, Aug. 28.
West Coast Fittings Co., assignee: *See*—
Blumenthal, Francis H.
Westcott, Vernon C., Lincoln, assignor to Raytheon Manufacturing Company, Newton, Mass. Electrical circuits. 2,544,407, Mar. 6.
Westen, Edward E.: *See*—
Oom, Benjamin J., Tinklepaugh, and Westen.
West End Chemical Company, assignee: *See*—
Blackmun, Lynn A.
Westendorp, Willem F., Schenectady, N. Y., assignor to General Electric Company. Field correction in magnetic induction accelerators. 2,558,597, June 26.
Westenfelder, Egidius: *See*—
Clemens, Günter, and Westenfelder.
Wester, Horace V., assignee: *See*—
Chittick, Howard A.
Westerberg, Carl G.: *See*—
Johnson, Robert C., and Westerberg.
Westerburg, Erik B., Ensta, Enebyberg, Sweden. Measuring instrument. 2,575,935, Nov. 20.
Westerfors, Erick A., Westminster, assignor to H. A. Stuart, Indian Orchard, Mass. Fish lure. 2,542,606, Feb. 20.
Westerhouse, Louis M., assignor of forty per cent to C. Denegre, Birmingham, Ala. Combined railroad crosstie plate and rail brace. 2,540,770, Feb. 6.
Western Condensing Company, assignee: *See*—
Peebles, David D., Clary, and Meade.
Peebles, David D., and Meade.
Western Electric Company, Incorporated, assignee: *See*—
Ames, William L.
Anderson, Carl M., Harris, and Patton.
Andren, Karl H.
Arnold, Howard H.
Blair, Harold F.
Bonnett, Gerson, Rayburn, and Robson.
Boynton, Wentworth D.
Brickman, Elmer A.
Briganti, Anthony H., and Buchwald.
Western Electric Company, Incorporated, assignee: *See*—Continued.
Brillhart, Samuel E.
Broughton, William W.
Brown, Raymond W.
Brown, Raymond W., and Frank.
Brunner, Anton J.
Bunch, Tillman T.
Clemons, Dale R.
Clifford, Harry W.
Cox, Thomas K.
Crane, Edward J., and Cross.
Crane, George R.
David, Herman W., and Svikhart.
Davis, Charles C.
Detuno, Rocco J.
Dornbos, Robert A., and Feeney.
Drobish, William M., and Drom.
Drom, Edwin L.
Dunn, John R.
Earle, Norman E., and Robinson.
Edhlund, Leslie J.
Ehlschlager, Arthur J.
Eicher, William F.
Ertner, Edward W.
Ewaldson, Waldemar C.
Field, Herbert A.
Fitch, Hugh, and Gillis.
Franks, Jerome S.
Frankwich, Alexander C.
Franz, Erwin E.
Gambrill, Richard D.
Gauthier, Marcel C.
Girard, Byron P., and Raetsch.
Gliss, George E.
Goldsborough, Shirley L., and Blackburn.
Gray, Alvin N.
Guill, Nat A. L., and Malmberg.
Haase, Carl O.
Hafer, Giles P., and Stastney.
Hallam, Cecil A., and Reynolds.
Hamilton, James O.
Hanson, Estyle D.
Hanson, Estyle D., Henning, and Martin.
Hauser, Frederick.
Henning, George E.
Hermann, Norman T.
Holt, Leo G.
Hroch, James C., Jr.
Johnson, Donald M.
Jones, David D.
Jones, Harvey K.
Juvinall, James W., and Quinlan.
Keith, Clyde R.
Keusch, Edwin F., and Reichelt.
Kivley, Ray C.
Klein, William H., and Stover.
Koch, Herbert W.
Larsen, Leonard O., and Walter.
Lensner, Herbert W., Goldsborough, and Cheek.
Lerch, Brooke W.
Longfellow, Harold R.
Loucks, Alton L.
Loucks, Alton L., and Lovett.
Lubbert, Carl B.
Marson, Joseph, and Workman.
Martin, Samuel M.
Martindell, Frank.
McCoy, Clarence E., and Scott.
Meilstrup, Emil E.
Merwin, Harry H.
Merwin, Harry H., and Waters.
Meyerhoff, Albert J., and Sulzer.
Meylich, Milton J.
Moore, Norman C.
Moss, Earl C.
Mueller, Raymond W., and Stech.
Nelson, Oscar G., and Poetzsch.
Norman, Hollis W., and Rollings.
Nystrom, Axel C.
Pitt, Samuel, Spillman, and Wade.
Quigley, James E.
Raetsch, Bruno A.
Raetsch, Bruno A., and Trethewey.
Rayburn, Vincent A.
Rayburn, Vincent A., and Robson.
Reynolds, Ellwood W.
Robson, Duer C.
Ruzga, Joseph A.
Salemme, Vincent J.
Schneider, William A.
Scott, Kenneth L.
Scott, Walter J., and Veale.
Sigmon, Ross M., Jr.
Smith, Scott V.
Spillman, Gordon C., and Zuck.
Stiegler, August.
Storch, Leo.
Stover, Clyde N.
Stull, John S.
Swanson, Nils H.
Tyndall, Richard M.
Vinson, Ralph A.

Western Electric Company, Incorporated, assignee: *See*— Continued.
Volckhausen, Walter J.
Waters, Daniel V., and Zuck.
Wiebe, Harold G.
Wikstrom, Frank G.
Wojciechowski, Bogumil M.
Young, William C.
Western Foundation Corporation, assignee: *See*—
Caudill, Howard F.
Western Gear Works, assignee: *See*—
Bannan, Philip L.
Western Lithograph Company, assignee: *See*—
Storey, Loren N., and Tyler.
Western Metalcraft, Inc., assignee: *See*—
Schmidt, Frederick W.
Western Oil Tool & Engineering Co. Inc., assignee: *See*—
Moon, James.
Wagner, Edmond M., and Moon.
Western Precipitation Corporation, assignee: *See*—
Dawson, Robert A.
Western Products, Incorporated, assignee: *See*—
Foster, Norman M.
Western Wire Products Company, assignee: *See*—
Young, Harry M.
Western Gulf Oil Company, assignee: *See*—
Brigham, Harry S.
Western States Lacquer Corporation, assignee: *See*—
Blackinton, Roswell J., and Stewart.
Western States Machine Company, The, assignee: *See*—
Huser, Richard J., and Stuhlreyer.
Western Union Telegraph Company, The, assignee: *See*—
Blanton, William B., Currie, and Janson.
Blanton, William B., and Light.
Boughtwood, John E., and Michon.
Buckingham, William D.
Buckingham, William D., and Bruzdoski.
Cannon, William D.
Currie, Frank L., and Blanton.
Dalton, Harold R., and Cooley.
d'Humy, Fernand E., and Wise.
Frost, Albert E.
Gall, Charles C.
Harris, Robert W.
Kline, Bernard L.
Seabury, Donald S., Buckingham, and Deibert.
Wise, Raleigh J., and Reynolds.
Wise, Raleigh J., and Ridings.
Westfahl, Jerome C., Trumansburg, N. Y., and D. S. Sears, Cuyahoga Falls, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y. Preparation of novel 2-carboalkoxy-1,3-butadiene dimers by the pyrolysis of novel 2,2,3-substituted butanes. 2,548,184, Apr. 10.
Westfahl, Jerome C., Trumansburg, N. Y., and D. S. Sears, Cuyahoga Falls, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y. 2,2,3-substituted butanes. 2,548,185, Apr. 10.
Westfall, Anthony and N., Detroit, Mich. Trolling extension for fishing lines. 2,545,326, Mar. 13.
Westfall, Robert W., Sunland, and R. E. Lenihan, Los Angeles, Calif. Smooth-grip friction cleanser. 2,560,055, July 10.
Westfall, Norman: *See*—
Westfall, Anthony and N.
Westfield River Paper Company, Inc., assignee: *See*—
Barnhart, Philip S., and Miller.
Westin, Axel: *See*—
Westin, Sven and A.
Westin, Daniel B., West Hartford, Conn., assignor to Emhart Manufacturing Company. Glassware pressing mechanism. 2,565,155, Aug. 21.
Westin, Johan T., Stockholm, assignor to Aktiebolaget Häkanssons Industrier, Amal, Sweden. Voltage pulse generator for electric fences. 2,560,056, July 10.
Westin Process Company, The, assignee: *See*—
Westin, Sven and A.
Westin, Sven, Elm Grove, and A. Westin, Milwaukee, Wis., assignors to The Westin Process Company. Method and apparatus for progressively electric resistance butt welding seams at high speed. 2,558,889, July 3.
Westinghouse Air Brake Company, assignee: *See*—
Aikman, Burton S.
Allen, Earl M.
Allison, Leslie R., and Rudolph.
Baughman, George W.
Bent, Arthur J.
Berkoben, Charles W., and Bush.
Bone, Herbert L., and Jefferson.
Brannen, Paul M.
Breisch, Edgar W.
Bush, Rankin J.
Claus, William H.
Cook, Earle S., McClure, and Rush.
De Witt, Chauncey O.
Doucette, Adrian R.
Erson, Erik G.
Failor, Charles W., and Henderson.
Gilson, Robert M., and Hedding.
Grammer, James I.
Hedding, Linnie K., and Zetwo.
Hines, Claude M.
Westinghouse Air Brake Company, assignee: *See*—Con.
Hines, Claude M., and Kirk.
Hufnagel, Andrew.
Jefferson, Glen V.
May, Harry C., and Hewitt.
Pascoe, Frank T., and Jerome.
Stevens, Roy R.
Stevens, Roy R., and Brooks.
Vensel, Isaiah W.
Walker, Alec H. B.
Walkup, Edgar B.
Whitney, Ralph T.
Young, Henry S.
Westinghouse Air Brake Company, The, assignee: *See*—
Ainsworth, John R.
Bent, Arthur J.
Bush, Rankin J.
Campbell, James A.
Canetta, John, and Cameron.
Gorman, Andrew T.
Hewitt, Ellis E.
Kelley, Cecil S.
Linhart, Harry M.
May, Harry C., and Hewitt.
McClure, Glenn T., and Erson.
McCune, Joseph C.
Miller, Raymond E.
Newell, George K.
Stevens, Roy R.
Stevens, Roy R., and Brooks.
Whitney, Ralph T.
Williams, Samuel L.
Westinghouse Brake and Signal Company Limited, assignee: *See*—
Stevens, Sydney A., and Duckitt.
Walker, Alec H. B., and Peter.
Westinghouse Electric Corporation, assignee: *See*—
Adams, Paul G., and Axman.
Alben, Frank L.
Allbert, Eugene F.
Allen, Harold P.
Altar, William, and Coltman.
Anderson, Harold.
Armstrong, George C.
Armstrong, George C., Basnett, and Ellis.
Ashbaugh, John H., and Wolfert.
Atkinson, William B.
Atwell, Clarence A., and Jenkins.
Baker, Benjamin P., and von Mehren.
Baker, Robert M.
Ballentine, Richard E., and Zimmer.
Basnett, Robert T.
Baudry, René A.
Baudry, René A., and Winer.
Beck, Edward F. W.
Beese, Norman C.
Benedict, Marcus C.
Berger, Ferdinand P.
Bergvall, Royal C., and Harder.
Bingenheimer, Melvin, Walker, and Toth.
Birckhead, Taylor A.
Blackburn, John L.
Blackburn, Wayne E.
Blazer, Noel E.
Bogdan, Benjamin W.
Boosinger, Thomas H.
Boyd, Robert C.
Bradley, Schuyler L.
Brown, Charles R.
Brown, Myron J.
Browne, Thomas E., Jr.
Bryant, Ozro N., and Gottlieb.
Buchanan, Leslie B. M.
Burgwin, Stephen L.
Burgwin, Stephen L., and Vandenberg.
Carter, Leroy C., and Else.
Cerulli, Nicholas F., and McNall.
Christensen, Willard L.
Clardy, Le Roy, and Dakin.
Clark, Earl K.
Claybourn, Glen L.
Claybourn, Glen L., and Kocsis.
Clokey, John W.
Coltman, John W.
Coltman, John W., and Marshall.
Connor, John C., and Fahrner.
Cooper, Grover, Reussner, and May.
Corbett, Ray F.
Cotner, Walter W.
Crabbs, Herbert J.
Cruess, William F.
Cummings, Ira R.
Cumming, James M.
Darwin, Daniel P.
Dawley, Clarence E., and Schiveree.
Derr, Willard A.
De Zubay, Egon A., and Sforzini.
Diamond, Hymen.
Dickinson, Robert C., and Frink.
Dunlap, Charles M.
Dyer, Tom L., Jr.
Eaker, Sidney C.
Ebert, Theodore E.

Westinghouse Electric Corporation, assignee: *See*—Con.
Edson, William W.
Ellis, Delbert.
Else, Harry D.
Else, Harry D., and Fritz.
Elsey, Howard M.
Evans, Walter C., and Mabry.
Ewing, Clifton H.
Fahnoe, Harold H.
Fegely, Hugh S.
Ferris, Ralph E., and Jones.
Fields, Charles V.
Findlay, John H.
Fink, Austin J.
Flowers, Leonard C.
Ford, James G.
Ford, James G., and Bramble.
Foster, Newton C.
Fox, Roy C., and Beale.
Franck, Clarence C.
Frank, Stanley L.
Friedrich, Robert E.
Friedrich, Robert E., and Leeds.
Friedrich, Robert E., and von Mehren.
Gabler, Raymond T., and Altar.
Geiselman, Ralph A.
Gilman, Samuel, and Hill
Gist, William B., Jr.
Glassburn, William E.
Glick, Harvey L.
Godsey, Frank W., Jr.
Goldsborough, Shirley L.
Gorsuch, Harold F.
Gottlieb, Manious.
Graybill, Howard W.
Graybrook, Herbert W.
Graybrook, Herbert W., and Potter.
Graybrook, Herbert W., and Purifoy.
Grissinger, George G., and Tremblay.
Green, James H.
Gustin, Daniel S., and Wainio.
Hagopian, Richard H.
Haller, Clayton L.
Hanna, Clinton R., and Mikina.
Hanna, Raymond P.
Hanna, Raymond P., Wynn, Fromm, and Laughner.
Harder, Edwin L.
Hardigg, George W.
Harter, Earl F.
Hartwig, Edward C.
Heck, James R.
Herchenroeder, Louis W.
Hibbard, Lloyd J.
Hildestad, Harold L.
Hill, Charles F.
Hill, Charles F., and Foster.
Hipple, John A., Jr., and Grove.
Hoop, John G.
Hoover, Dillon B.
Horstman, Clifford C., Burkhardt, and Ellis.
Horstman, Clifford C., and Nagel.
Hunter, Lloyd P., and Longini.
Hushley, Walter J.
Idle, James G
Immel, Ralph B.
Jacob, Mark I.
Jelinek, Ulrich.
Jernstedt, George W.
Johnson, John L., and Boykin.
Johnson, John S.
Johnston, William A.
Jones, Charles L., and Sandin.
Jones, Maurice F. and R. C.
Kepple, Kenneth A., and Rothfus.
Kilgore, Lee A.
Kimball, Albert W., and Fisher.
Kincaid, Homer F., Graham, Baker, Wharff, and Redmond.
King, George E.
Kinn, Theodore P.
Koch, Gustav H.
Kraft, Joseph K.
Kroft, Herbert M.
Kroft, Herbert M., and Vore.
Kroon, Reinout P.
Leeds, Winthrop M.
Leighton, Alexander H.
Lenehan, Bernard E.
Leonard, Merrill G., and Hager.
Lessmann, Gerhard P.
Leuzarder, John B., Aakjer, and Knochel.
Lewis, Virginia E., and Collar.
Ley, Gordon S., Miller, and Nims.
Lilliendahl, William C.
Lilliendahl, William C., and Rentschler.
Lingal, Harry J., and Cumming.
Litman, Bernard.
Longini, Richard L.
Longini, Richard L., Hunter, and Siebert.
Ludwig, Leon R., Fockler, Formhals, and Walton.
Lundahl, Walter N.
Lyle, Frederick W.
Lynn, Clarence.

Westinghouse Electric Corporation, assignee: *See*—Con.
Lynn, Lawrence B.
Lynn, Lawrence B., and Hanna.
Manjoine, Michael J., and Davis.
Marbury, Ralph E.
Marbury, Ralph E., and Cuttino.
Marbury, Ralph E., and Owens.
Marbury, Ralph E., and Travers.
Marshall, Fitz-Hugh B.
Massare, Quido P., and Edwards.
Maurer, William D., and Wolfe.
McCloy, Graham S.
McCoubrey, Arthur O.
McGowan, Michael E., and Moes.
McIntosh, Ralph O.
McLane, Fletcher E.
McNeary, Samuel S., and Berry.
Mikina, Stanley J.
Miller, Ernest F.
Miller, Theadore.
Miner, John D., Jr., and Else.
Minkler, William A., and Lusk.
Minter, Herbert F.
Minter, Herbert F., and Leven.
Morrison, Heber J.
Moses, Graham L.
Mosser, James K.
Nagel, Fritz J.
Nagy, Rudolph.
Nagy, Rudolph, and Wollentin.
Neal, Robert A.
Neal, Robert A., and Cummings.
Nims, Albert A., Jr.
Noe, Myron E.
Okress, Ernest C.
Olsson, Paul, and Frink.
Osbon, William O.
Owens, James B., and Large.
Packer, Lewis C., and Monchamp.
Palmer, Robert T.
Pask, Joseph A., and Schiveree.
Pattison, Donald R., Lambert, and Phillips.
Peck, Clarence E., and Hoop.
Penney, Gaylord W., and Hewitt.
Pennow, William A.
Peters, John F.
Petzinger, Ambrose J.
Pierce, Lawrence.
Plagge, Vernon L.
Ponstingl, John C.
Ponstingl, John C., and Immel.
Ponstingl, John C., and Pierce.
Potter, Manley C.
Puchlowski, Konstanty P., and Haneiko.
Ramage, John H.
Rambo, Sheldon I.
Rambo, Sheldon I., and Boyd.
Rambo, Sheldon I., and Rumpf.
Rashevsky, Michael, and Baudry.
Rawlins, Herbert L., and Fahnoe.
Rawlins, Herbert L., and Wallace.
Reagan, Maurice E.
Redding, Arnold H.
Reed, James L.
Reese, Homer R.
Reese, Homer R., Meyer, and Hill.
Rentschler, Harvey C.
Richardson, Earl L.
Rimbach, Henry W.
Rively, Clair M., and Rimbach.
Roberts, William L.
Roman, Walter G., and Cunningham.
Roos, William J.
Roos, William J., and Warburton.
Rossetto, Louis.
Ruckstahl, Robert E., and Watson.
Rust, William M.
Saler, Jules N.
Sandin, Jerome, and Lindstrom.
Sandin, Jerome, and Rawlins.
Santini, Danilo, Keiper, and Esselman.
Santini, Danilo, Nelson, and Suozzo.
Schaelchlin, Walter.
Scheer, Frederick H., and Winfield.
Schmidt, Paul L., and Hill.
Schnure, Frederick O., Jr.
Schueler, Alfred E., and Walton.
Schulman, Earl L.
Schulman, Earl L., and Reeder.
Schultz, Mortimer A.
Schwendner, Anthony F.
Schwendner, Anthony F., and Bryant.
Scott, Howard, Gordon, and Hull.
Sforzini, Robert A.
Singel, John B.
Slepian, Joseph, and Langer.
Sloan, David H.
Smith, Charles W.
Snow, Alan F.
Sonnemann, William K.
Specht, Theodore R.
Stadum, Clarence B.
Stamm, John J.

Westinghouse Electric Corporation, assignee: *See*—Con.
Steele, Howard L., Jr.
Stein, Gerhard M.
Stoltz, Glenn E., and Dolan.
Suozzo, John.
Sutherland, Carl H.
Swiss, Jack.
Taliaferro, William R.
Taylor, Charles H.
Taylor, Frank W.
Taylor, John W., Jr., and Parnell.
Tharp, Nelson B.
Tobey, Raymond E.
Touloukian, Yeram S.
Truelove, Albert E., and MacCarthy.
Tubbs, Lester G.
Von Mehren, Oswald.
Vore, Milton P., and Gelpi.
Wachter, Joseph J., and Straka.
Walker, Eugene J., and Bingenheimer.
Wallace, James M., and Beach.
Wallace, James M., and Edwards.
Wallace, James M., and Kraft.
Wallace, James M., and Metz.
Wallace, James M., Rawlins, Cumming, and Aspey.
Wallace, James M., and Silvius.
Walton, Howard T.
Warburton, Ray W.
Warrington, Peirce E.
Watrous, Ward W., Jr.
Watson, William R., Jr., and Swiss.
Wegman, Evert S.
Wegman, Evert S., and Copping.
Weisz, Thomas A.
Weltman, William C., and Straka.
Wentz, Edward C., and Norton.
Werner, Leo C.
West, Charles P., and Fountain.
Wexler, Aaron.
Wheeler, Myron S.
Whittaker, Charles C.
Wickerham, William R., and Avery.
Wills, Ervin E.
Winchester, Amos J., Jr., and Hunt.
Wojcik, Joseph S.
Wollentin, Robert W., and Nagy.
Wrathall, John R.
Zavales, Charles T., Euler, and Kalstein.

Westlund, Jesse V., Daytona Beach, Fla. Door check. 2,568,477, Sept. 18.

Weston, Arthur W., Waukegan, assignor to Abbott Laboratories, North Chicago, Ill. Preparing N-pyridyl-N-thenyl alkylene diamines. 2,556,566, June 12.

Weston, Bailey R., New York, N. Y. Combined match and marking element. 2,558,201, June 26.

Weston, Clarence J., deceased, by W. J. and H. A. Weston, Des Moines, Iowa, assignees by decree of distribution. Material hauling and dispensing vehicle. Re. 23,420, Oct. 16.

Weston, David, Toronto, Ontario, Canada. Material reduction mill. 2,555,171, May 29.

Weston, David, Toronto, Ontario, Canada. Grinding ball for ball mills. 2,558,327, June 26.

Weston, David, Toronto, Ontario, Canada. Liners for material crushing and grinding mills. 2,566,103, Aug. 28.

Weston Electrical Instrument Corporation, assignee: *See*—
Fairchild, Charles O.
Gilbert, Roswell W.
Lamb, Anthony H.
Lamb, Francis X.
Parsegian, Vozcan L., and Johnson.

Weston, H. Allen, assignee: *See*—
Weston, Clarence J.

Weston, Roger D., and E. L. Schick, Cuyahoga Falls, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y. Machine for winding balls. 2,562,756, July 31.

Weston, Roy, Toppenish, assignor of sixty-seven per cent to H. M. Taylor and eight per cent to H. S. Buckman, Yakima, Wash. Pelleting machine. 2,565,830, Aug. 28.

Weston, William K., London, England, assignor to International Standard Electric Corporation, New York, N. Y. Coaxial cable with helically wound spacer. 2,556,244, June 12.

Weston, William K., and E. Baguley, London, England, assignors to International Standard Electric Corporation, New York, N. Y. Concentric conductor electric cable with magnetic screen. 2,576,163, Nov. 27.

Weston, Wilma J., assignee: *See*—
Weston, Clarence J.

Westover, Charles D., Seattle, Wash. Radio tuning dial. 2,552,828, May 15.

Westphal, William W., Port Jefferson, N. Y. Insulated roof and wall covering. 2,574,076, Nov. 6.

West Point Manufacturing Company, assignee: *See*—
Piper, Frank R., and Gardner.

Westrich, Henry A., assignor to S. C. Johnson & Son, Inc., Racine, Wis. Joining a plurality of metal containers. 2,569,137, Sept. 25.

West's Gas Improvement Company Limited, assignee: *See*—
West, Frederick J. and E.

West Virginia Pulp and Paper Company, assignee: *See*—
Haywood, Gerald, and Dayton.
Pollak, Arthur, and Keilen.

West Virginia Steel and Manufacturing Company, assignee: *See*—
Haskell, James B.

Westwater, George: *See*—
Dulken, Charles F., Sonntag, and Westwater.
Dulken, Charles F., Stern, Westwater, and Reuter.

Weth, Herbert J.: *See*—
Frans, Joseph, Volk, and Weth.

Wetherald, Robert W.: *See*—
Wangerin, Elmer O., and Wetherald.

Wetherbee, Charles F., Naugatuck, assignor to The Bristol Company, Waterbury, Conn. Temperature equalizing means for furnaces. 2,580,259, Dec. 25.

Wetherill Engineering Company, assignee: *See*—
Kalina, Martin H.

Wethly, Frans, Manhasset, assignor to Allied Chemical & Dye Corporation, New York, N. Y. Vertically flued rich gas fired coke oven battery. 2,564,140, Aug. 14.

Wethly, Frans, Manhasset, assignor to Allied Chemical & Dye Corporation, New York, N. Y. Vertically flued coke oven battery having high and low burner nozzles in the flues. 2,564,141, Aug. 14.

Wethly, Frans, Manhasset, and L. T. Hartmann, assignors to Allied Chemical & Dye Corporation, New York, N. Y. Spray-type absorption tower. 2,568,875, Sept. 25.

Wettels, Albert J., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Geared actuator. 2,554,436, May 22.

Wetterström, Bror H.: *See*—
Wiberg, Oscar A., and Wetterström.

Wetterström, Victor, administrator: *See*—
Von Voss, Tage.

Wettlaufer, William L., Buffalo, N. Y. Vibratory therapeutic cushion. 2,539,712, Jan. 30.

Wettley, Eberhard E., Chicago, Ill. Auxiliary core. 2,571,321, Oct. 16.

Wettstein, Albert: *See*—
Meystre, Charles, Plattner, and Wettstein.

Wettstein, Albert, and C. Meystre, Basel, Switzerland, assignors to Ciba Pharmaceutical Products, Inc., Summit, N. J. Making pregnane derivatives substituted in 21-position. 2,547,917, Apr. 3.

Wettstein, Albert, and C. Meystre, Basel, Switzerland, assignors to Ciba Pharmaceutical Products, Inc., Summit, N. J. Cholodienes. 2,563,697, Aug. 7.

Wetzel, Arthur D., Hudson, assignor to The Warner & Swasey Company, Cleveland, Ohio. Machine tool. 2,546,326, Mar. 27.

Weizel, Clarence M., Indianapolis, assignor to Perfect Circle Corporation, Hagerstown, Ind. Piston regrooving tool. 2,566,048, Aug. 28.

Wetzel, Clifford C., and L. F. Dilts, Ithaca, Mich. Harvesting machine for potato diggers and the like. 2,537,198, Jan. 9.

Wetzel, Frederick, Beaverton, Oreg. Oil-burning boiler fire box with air and steam feeding means. 2,576,373, Nov. 27.

Wetzel, William M., White Plains, N. Y., and E. R. Bork, assignors to The Fyr-Fyter Company, Dayton, Ohio. Fire extinguisher. 2,557,162, June 19.

Wetzels, Hubert J.: *See*—
Steinhage, Heinrich, and Gerhard, and Wetzels.

Wexler, Aaron, Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Valve apparatus. 2,565,156, Aug. 21.

Wexler, Jerry: *See*—
Corwin, Harold R., and Wexler.

Weyandt, Carl S., Homer City, Pa. Gas hammer starter. 2,551,987, May 8.

Weyandt, Carl S., Homer City, Pa. Internal-combustion percussion tool. 2,551,988, May 8.

Weyandt, Carl S., Homer City, and W. V. Spurlin, Indiana, assignor to Syntron Company, Homer City, Pa. Rotary tool on electric hammer. 2,536,971, Jan. 2.

Weyant, Romer G., assignor to Superior Industries, Incorporated, Goshen, Ind. Veneer press. 2,536,335, Jan. 2.

Weyant, Valone C. V., assignor to The Yoder Co., Cleveland, Ohio. Measurement and actuation device. 2,560,754, July 17.

Weyenberg, Henry, and W. R. Kimberley, assignors to Holland Furnace Company, Holland, Mich. Gas burner target. 2,540,308, Feb. 6.

Weyer, Ferdinand M., assignor to Marine Products Company, Detroit, Mich. Rotary pump or motor. 2,542,268, Feb. 20.

Weyer, Ferdinand M., assignor to Marine Products Company, Detroit, Mich. Rotary pump or motor. 2,573,819, Nov. 6.

Weyerhaeuser, Frederick, St. Paul, Minn., assignor to Rock Island Millwork Company, Rock Island, Ill. Loading dry granular mixtures. 2,579,527, Dec. 25.

Weyerhaeuser Timber Company, assignee: *See*—
Hazelquist, Svarre E.
Heritage, Clark C.
Heritage, Clark C., and Van Beckum.
Pauley, Robert D., and McCanna.
Van Beckum, William G.
Van Beckum, William G., and Cook.

Weyers, Theodorus J.: *See*—
Van Loon, Carel J., Beukema, Schurink, and Weyers.

Weyerts, Walter J., assignor to Eastman Kodak Company, Rochester, N. Y. Photographic-imbibition dye printing process. 2,537,924, Jan. 9.
Weyerts, Walter J., assignor to Eastman Kodak Company, Rochester, N. Y. Mordanted imbibition dye-printing blank. 2,548,575, Apr. 10.
Weymouth, Frederick R., Buffalo, assignor to Bell Aircraft Corporation, Wheatfield, N. Y. Emergency bypass system. 2,543,652, Feb. 27.
Weymouth, Laurence E., Somerville, N. J., assignor to Johns-Manville Corporation, New York, N. Y. Purifying and clarifying water. 2,542,743, Feb. 20.
Weyrick, Warren B., Akron, Ohio. Protractor. 2,562,224, July 31.
Whalen, Edward A., assignor to Wha-Lite Products, Chicago, Ill. Plasterer's darby. 2,578,163, Dec. 11.
Whalen, Edward J., North Providence, R. I. Automatic drain for air lines. 2,559,692, July 10.
Whalen, Richard J., and S. T. Kulpa, Poughkeepsie, assignors to International Business Machines Corporation, New York, N. Y. Record feeding and recording apparatus. 2,569,840, Oct. 2.
Whaley Engineering Corporation, assignee: *See*—
Swayne, Edward B.
Whaley, Fred R.: *See*—
Smith, Carleton N., Whaley, and Wellman.
Whaley, Fred R., Kenmore, N. Y., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Fungicidal basic berthollide and using same. 2,573,739. Nov. 6.
Whaley, Morris L., San Diego, Calif. Tool for twisting wire leaders. 2,550,130, Apr. 24.
Whaley, Thomas H.: *See*—
Alexander, Cruzan, and Whaley.
Whaley, Thomas H., Jr., Bartlesville, Okla., assignor to Phillips Petroleum Company. Manufacture of aluminum halide catalysts. 2,538,345, Jan. 16.
Wha-Lite Products, assignee: *See*—
Whalen, Edward A.
Whalley, Albert G., assignor of one-half to C. W. Hocking, Toronto, Ontario, Canada. Push-button actuated door latch. 2,565,711, Aug. 28.
Whalley, George E., Detroit, Mich. Pallet. 2,536,587, Jan. 2.
Whalley, Roy: *See*—
Schedler, Jack A., and Whalley.
Wharam, John J., Dearborn, and J. J. Felts, Pontiac, assignors to Ford Motor Company, Dearborn, Mich. Rear torsion spring suspension. 2,548,507, Apr. 10.
Wharam, John J., Dearborn, and J. J. Felts, West Bloomfield Township, Wayne County, assignors to Ford Motor Company, Dearborn, Mich. Torsion spring suspension. 2,561,548, July 24.
Wharff, Edward M.: *See*—
Kincaid, Homer F., Graham, Baker, Wharff, and Redmond.
Wharton, John: *See*—
Wharton, William and J.
Wharton, Joseph S. L., Jr., Essex, Conn. Game piece simulating a sail boat. 2,572,412, Oct. 23.
Wharton, Richard H., assignor to The Standard Register Company, Dayton, Ohio. Quick-setting inks and making. 2,547,069, Apr. 3.
Wharton, William, Hadley Wood, near Barnet, and J. Wharton, London, England. Work holder. 2,558,283, June 26.
Whatley, William T., Port Arthur, Tex. Dephlegmating vapors. 2,573,633, Oct. 30.
Wheat, Charles A.: *See*—
Cranfill, James M., Jr., and M. M. and C. A. Wheat.
Wheat, Grant, assignor to Koehler Manufacturing Company, Marlboro, Mass. Making batteries. 2,544,517, Mar. 6.
Wheat, Grant, assignor to Koehler Manufacturing Company, Marlboro, Mass. Battery-charging apparatus. 2,575,151, Nov. 13.
Wheat, Mitchell M.: *See*—
Cranfill, James M., Jr., and M. M. and C. A. Wheat.
Wheatley, Samuel, Kansas City, Mo. Portable paint mask. 2,545,638, Mar. 20.
Wheatley, Thomas, Houston, Tex. Valve assembly. 2,574,428, Nov. 6.
Wheaton, Jack M., Toledo, Ohio, assignor to Owens-Illinois Glass Company. Dispensing closure. 2,551,203, May 1.
Wheelco Instruments Company, assignee: *See*—
Hansen, Fred A., and Fryxell.
Lang, Karl A., and Cross.
Semm, Paul T.
Semm, Paul T., and Nakasone.
Wheeldex Manufacturing Co. Inc., assignee: *See*—
Scholfield, Richard P., and Kelly.
Wheeler, Anna F., assignee: *See*—
Rogers, Alden.
Wheeler, Barbara B., and R. V. Burdick, Jr., Loudonville, N. Y. Face powder box. 2,560,675, July 17.
Wheeler, C. H., Manufacturing Company, assignee: *See*—
Stephanoff, Nicholas N.
Wheeler, Carl F., Medina, Tex. Automatic gate keeper apparatus. 2,567,306, Sept. 11.
Wheeler, Charles R.: *See*—
Paulet, Armand R., and Wheeler.
Wheeler, Clyde A.: *See*—
Donnelly, Lawrence E., and Wheeler.
Wheeler, Donald H.: *See*—
Terry, David E., and Wheeler.
Wheeler Dual Valve Company, assignee: *See*—
Wheeler, Harry N.
Wheeler, Floyd L., Fraser, Mich. Collapsible house trailer. 2,569,082, Sept. 25.
Wheeler, Foster, Corporation, assignee: *See*—
Vaughan, Arthur S., Jr.
Wheeler, Gordon K., Norwalk, Conn., assignor to R. T. Vanderbilt Co., Inc., New York, N. Y. Drier compositions. 2,565,897, Aug. 28.
Wheeler, Harold A., Great Neck, N. Y., assignor to Hazeltine Research, Inc., Chicago, Ill. Pulse signal time delay arrangement. 2,540,560, Feb. 6.
Wheeler, Harold A., Great Neck, N. Y., assignor to Hazeltine Research, Inc., Chicago, Ill. Wave-signal translating arrangement. 2,556,607, June 12.
Wheeler, Harold A., Great Neck, N. Y., assignor to Hazeltine Research, Inc., Chicago, Ill. Wave-signal directional coupler. 2,575,571, Nov. 20.
Wheeler, Harold D., assignor of one-third to S. D. Wheeler, and one-third to W. V. Wheeler, Inglewood, Calif. Pulsating pressure massage device. 2,571,398, Oct. 16.
Wheeler, Harry E., Denver, Colo. Apparatus for sterilizing and cleaning feathers. 2,552,243, May 8.
Wheeler, Harry N., assignor to Wheeler Dual Valve Company, Birmingham, Ala. Dual tire valve. 2,539,938, Jan. 30.
Wheeler, Henry C., Fairfield, assignor to The Acme Shear Company, Bridgeport, Conn. Grinding machine for shear blades or the like. 2,546,914, Mar. 27.
Wheeler, Henry F., assignor of one-half to A. E. Gross, Richmond Heights, Mo. Displaceable target game. 2,567,002, Sept. 4.
Wheeler, John N.: *See*—
Bryce, James W., and Wheeler.
Wheeler, John N., Hawthorne, assignor to International Business Machines Corporation, New York, N. Y. System for analyzing code perforations. 2,566,972, Sept. 4.
Wheeler, Myron S., Upper Montclair, N. J., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Direct-current amplifier. 2,562,006, July 24.
Wheeler, Phillip R., Alexandria, Va. Electrical gunsight superelevation and roll correcting device. 2,538,821, Jan. 23.
Wheeler, Phillip R., Alexandria, Va. Gun sight. 2,548,925, Apr. 17.
Wheeler, Phillip R., Alexandria, Va. Snap hook. 2,562,401, July 31.
Wheeler, Phillip R., Alexandria, Va. Gyroscopically controlled electrical gunsight. 2,570,298, Oct. 9.
Wheeler, Phillip R., Alexandria, Va., L. Morgan, U. S. Navy, and F. C. Schoening, Alexandria, Va. Machine gun ammunition feed. 2,573,749, Nov. 6.
Wheeler, Richard H., Utica, Mich., assignor to Bendix Aviation Corporation, South Bend, Ind. Throttle control. 2,575,901, Nov. 20.
Wheeler, S. D., assignee: *See*—
Wheeler, Harold D.
Wheeler, Sylvester L.: *See*—
Meier, Joseph M., and Wheeler.
Wheeler, Thomas L., Jr., Columbus, Ohio. Electrically lighted wall switch plate. 2,580,056, Dec. 25.
Wheeler, W. V., assignee: *See*—
Wheeler, Harold D.
Wheeler, William, Coventry, England. Wire clothespin. 2,559,139, July 3.
Wheeling Stamping Company, assignee: *See*—
McGinnis, Archibald B.
Wheeling Steel Corporation, assignee: *See*—
Mack, Wayne E.
Wheelis, Ben W., Killeen, Tex.: Crankshaft construction. 2,566,785, Sept. 4.
Wheelock, Carlton M., Milwaukee, Wis. Heating device and automatic control means therefor. 2,549,952, Apr. 24.
Wheelwright, Edward H., J. M. Dinsdale, P. M. Holmes, and P. R. Martin, High Post, Salisbury, England, assignors to Waeco Limited. Dispersing insecticides or other pesticidal compounds as vapors. 2,557,815, June 19.
Whelan, Edward P., and B. N. Rosenbaum, Brooklyn, assignors to Rosenbaum "Q-B-K" Parking Co., New York, N. Y. Machine for tier parking motor vehicles. 2,571,508, Oct. 16.
Whelan, John J., Portland, Oreg., assignor, by mesne assignments, to Timber Structures, Inc. Building structure. 2,574,307, Nov. 6.
Whelan, Lydia, Jersey City, N. J. Head covering. 2,546,117, Mar. 20.
Wheldon, Theodore, West Englewood, N. J., assignor to Publication Corporation, New York, N. Y. Preparing intaglio printing plates. 2,543,393, Feb. 27.
Wheler, Arthur G., Syracuse, assignor of one-third to T. E. Simonton, Cazenovia, N. Y. Ash tray. 2,536,480, Jan. 2.
Wherry, Isaac M., Evansville, Ind., assignor to International Harvester Company. Insulation seal for refrigerated cabinets. 2,564,943, Aug. 21.
Whetstone, John, West Kilbride, and J. Taylor, Saltcoats, Scotland, assignors to Imperial Chemical Industries Limited. Producing explosives containing ammonium nitrate. 2,548,693, Apr. 10.

Whetstone, Richard R.: *See*—
Ballard, Seaver A., and Whetsone.
Devlin, Paul A., Whetstone, and Shokal.
Whetstone, Richard R., Albany, assignor to Shell Development Company, San Francisco, Calif. Preparation of 6-amino 2-hydroxy carboxylic acid compounds. 2,562,848, July 31.
Whetstone, Richard R., Albany, assignor to Shell Development Company, San Francisco, Calif. Substituted aryl 6-tetrahydropyranyl ethers. 2,574,444, Nov. 6.
Whetstone, Richard R., Berkeley, assignor to Shell Development Company, San Francisco, Calif. Epoxyhexenylidene imines and insecticidal compositions thereof. 2,566,815, Sept. 4.
Whetstone, Richard R., Orinda, assignor to Shell Development Company, San Francisco, Calif. Hydropyran compounds. 2,576,323, Nov. 27.
Whetstone, Richard R., Berkeley, and T. W. Evans, Oakland, assignors to Shell Development Company, San Francisco, Calif. Production of polyallyl-type alcohols from polyallyl-type formates. 2,545,182, Mar. 13.
Whetstone, Richard R., Berkeley, and T. W. Evans, Oakland, assignors to Shell Development Company, San Francisco, Calif. Production of polyallyl-type alcohols from pollyallyl-type formates. 2,545,183, Mar. 13.
Whetstone, Richard R., C. W. Smith, and D. G. Norton, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Unsaturated ether aldehydes and acetals thereof. 2,561,254, July 17.
Whetstone, Richard R., Orinda, W. J. Raab, Berkley, and S. A. Ballard, Orinda, assignors to Shell Development Company, San Francisco, Calif. Preparation of esters of alpha, beta-olefinic carboxylic acids. 2,562,849, July 31.
Whetstone, Richard R., Orinda, W. J. Raab, Berkeley, and S. A. Ballard, Orinda, assignors to Shell Development Company, San Francisco, Calif. Condensation products from polyethylenic-unsaturated aldehyde adducts, derivatives thereof, and producing the same. 2,568,426, Sept. 18.
Whidden, Theron D., Jacksonville, Fla. Safety system for tanks containing inflammable fluids. 2,552,472, May 8.
Whidden, Theron D., Sr.: *See*—
Hall, John L., Jr., and Whidden.
Whiffen, Alma J., and R. L. Emerson, Kalamazoo, Mich., and N. Bohonos, La Fayette, Ind., assignors to The Upjohn Company, Kalamazoo, Mich. Cycloheximide and its production. 2,574,519, Nov. 13.
Whiffen, Richard E., assignor to Bendix Aviation Corporation, Towson, Md. Inductance coil structure. 2,568,310, Sept. 18.
Whinery, John S., Kansas City, Mo. Storage cabinet having humidity and temperature maintenance apparatus therein. 2,552,387, May 8.
Whinton, John J., Hamilton Beach, and J. H. Morris, Hamilton, Ontario, Canada. Postage stamp affixing machine. 2,555,523, June 5.
Whipple, Ernest G., Stratford, assignor to Remington Arms Company, Inc., Bridgeport, Conn. Making a projectile. 2,573,634, Oct. 30.
Whipple, Jack V., New York, assignor to I. Lefkowitz & Sons, Inc., Brooklyn, N. Y. Apparatus for mixing and dispensing beverages. 2,548,641, Apr. 10.
Whipple, Jack Van H., New York, and G. P. Kammerer, Floral Park, N. Y., assignors to Burdette E. Bostwick, South Orange, N. J. Pocket implement. 2,577,056, Dec. 4.
Whipple, Robert P., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Tire retreading and repair material. 2,560,040, July 10.
Whirlaway Egg Washer Company, assignee: *See*—
Paden, Charles G.
Whirlpool Corporation, assignee: *See*—
Morrison, Harold E.
Whiskeman, James P., Jr., Kirkwood, Mo. Infant's sleeping and tethering garment. 2,571,399, Oct. 16.
Whisler, Ralph H., Jr., assignor to Patent Development Company, Monroe, Mich. Shock absorber. Re. 23,421, Oct. 16.
Whisler, Ralph H., Jr., assignor to Patent Development Company, Monroe, Mich. Shock absorber. 2,546,051, Mar. 20.
Whisnant, John K., assignor to American Enka Corporation, Enka, N. C. Yarn treating vat having guide wheel driven by a magnetic coupling. 2,539,982, Jan. 30.
Whitaker, Arthur C., Oakmont, and W. W. Weinrich, Wallingford, assignors to Gulf Research & Development Company, Pittsburgh, Pa. 4,6-ditertiary-butyl-2-methylcyclohexanol. 2,574,077, Nov. 6.
Whitaker, Arthur C., Oakmont, and W. W. Weinrich, Wallingford, assignors to Gulf Research & Development Company, Pittsburgh, Pa. Hydrogenated polyalkylated phenols. 2,574,078, Nov. 6.
Whitaker Cable Corporation, assignee: *See*—
Whitaker, Jack P.
Whitaker, Fred, Company, assignee: *See*—
Bauer, Jackson.
Whitaker, Jack P., Kansas City, assignor to Whitaker Cable Corporation, North Kansas City, Mo. Combination battery terminal and cable and producing the same. 2,566,646, Sept. 4.
Whitaker, Marvin A., Bellflower, Calif. Lawn edger. 2,574,453, Nov. 6.
Whitaker, Patrick A., New York, N. Y. Heddle control for looms. 2,558,284, June 26.
Whitby, Ernest, London, England. Electric remote control. 2,539,760, Jan. 30.
Whitchurch, Norman E.: *See*—
Cross, James W., and Whitchurch.
Whitcomb, Charles E., Bayside, assignor to himself and H. O'Brien, New York, N. Y. Marionette actuating and controlling apparatus. 2,570,737, Oct. 9.
Whitcomb, Forrest R., Worcester, Mass. Work holder. 2,544,625, Mar. 6.
Whitcomb, William H., Portland, Oreg. Cashbox. 2,547,512, Apr. 3.
Whitcroft, Clarence H., Highland Park, Ill., assignor to Mechanical Handling Systems, Inc., Detroit, Mich. Suspended carrier. 2,538,998, Jan. 23.
Whitcroft, Clarence H., Highland Park, Ill., assignor to Mechanical Handling Systems, Inc., Detroit, Mich. Carrier. 2,541,626, Feb. 13.
White, A. W., assignee: *See*—
Teel, William R.
White, Allyn B., Rochester, N. Y., and R. B. Jacobs, Chicago, Ill., assignors, by mesne assignments, to Eastman Kodak Company, Rochester, N. Y. Eddy current heating of rotors. 2,566,274, Aug. 28.
White, Aubrey F., North Weymouth, Mass. Welt cutting device 2,559,813, July 10.
White, Blanche B.: *See*—
Fortess, Fred, Rosenthal, and White.
Fortess, Fred, and White.
Seymour, George W., White, and Kirshen.
Seymour, George W., White, Rosen, and Kruth.
White Cap Company, assignee: *See*—
Williams, Raymond H
White, Calvin F., assignor to The Moore Company, Muncie, Ind. Bedspring. 2,578,331, Dec. 11.
White, Calvin W., Kansas City, Mo. Pneumatic-hydraulic system for well pumping or drilling units. 2,560,676, July 17.
White, Carl E., Rockford, Ill., assignor to J. I. Case Company, Racine, Wis. Drawbar pickup. 2,549,734, Apr. 17.
White, Chalmers H., Greensboro, N. C. Centrifugal clutch for spindles. 2,575,776, Nov. 20.
White, Charles H., and W. P. Oehler, assignors to Deere & Company, Moline, Ill. Planter marker. 2,546,412, Mar. 27.
White, Charles S., Dearborn, assignor, by mesne assignments, of one-half to A. E. Wilson and one-half to H. J. Heiden, Detroit, Mich. Metal curtain. 2,545,400, Mar. 13
White, Charley L., Eureka, Kans., assignor to Phillips Petroleum Company. Apparatus for and method of determining permeability of earth formations penetrated by well bores. 2,557,488, June 19.
White, Chester N., Ridley Park, assignor to Sun Oil Company, Philadelphia, Pa. Sealing agents. 2,570,892, Oct. 9.
White, Clarence J., Morton, Ill. Floral rack. 2,549,352, Apr. 17.
White, Clarence J., Peoria, Ill. Floral rack. 2,565,055, Aug. 21.
White, Clark, Charleston, S. C., assignor to Pittsburgh Metallurgical Company, Inc., Niagara Falls, N. Y. Furnace charger. 2,579,409, Dec. 18.
White, David, Company, assignee: *See*—
Rothweiler, Charles O.
White, David W., El Reno, Okla. Vane type hydraulic clutch. 2,577,057, Dec. 4.
White, De Loy J., North Hollywood, and J. W. Smith, assignors to Lockheed Aircraft Corporation, Burbank, Calif. Safety device. 2,563,296, Aug. 7.
White, Denis F., Indianapolis, Ind. Table leg clamping bracket. 2,544,817, Mar. 13.
White, Dennis C., Akron, Ohio. Apparatus for measuring profiles and contours. 2,556,381, June 12.
White, Desmond D., F. R. Osborn, and S. Reich, Elstree, assignors to Dufay-Chromex Limited, London, England. Voltage modulated marking fluid deposition device. 2,572,549, Oct. 23.
White, Desmond D., and F. R. Osborn, Elstree, assignors to Dufay-Chromex Limited, London, England. Electrical means for reproducing photographs. 2,572,550, Oct. 23.
White, Earnel W., Fort Lauderdale, Fla. Portable elevating conveyer. 2,542,383, Feb. 20.
White, Eddie E., Rocky Mount, assignor of one-half to B. F. Lewis, Farmville, N. C. Tree sawing and log handling machine. 2,542,952, Feb. 20.
White, Edward E.: *See*—
Mayland, Bertrand J., and White.
White, Edward W., assignee: *See*—
Seminara, Robert.
White, Ellis E., Beverly Hills, Calif., assignor, by mesne assignments, to A. Kremser and J. R. MacGregor. Mechanically operated gate. 2,563,894, Aug. 14.
White, Ellis E., Bremerton, Wash. Fish plug. 2,547,103, Apr. 3.
White, Eric L. C.: *See*—
Johnson, Leonard R. J., Holloway, and White.
White, Eric L. C., Iver, assignor to Electric & Musical Industries Limited, Hayes, Middlesex, England. Electron discharge valve amplifier. 2,550,029, Apr. 24.

White, Eric L. C., Iver, assignor to Electric and Musical Industries Limited, Hayes, England. Frequency modulation detector. 2,560,378, July 10.
White, Eric L. C., Iver, assignor to Electric & Musical Industries Limited, Hayes, England. Circuits for generating electrical impulses. 2,564,824, Aug. 21.
White, Eric L. C., Iver, assignor to Electric & Musical Industries Limited, Hayes, England. Thermionic valve circuits. 2,572,792, Oct. 23.
White, Eric L. C., Richings Way, Iver, assignor to Electric & Musical Industries Limited, Hayes, Middlesex, England. Scanning circuit. 2,574,946, Nov. 13.
White, Eric L. C., Iver, assignor to Electric & Musical Industries Limited, Hayes, Middlesex, England. Apparatus stabilizing three-phase voltage supplies. 2,577,551, Dec. 4.
White, Eric L. C., Iver, and J. B. Smith, Ealing, London, assignors to Electric & Musical Industries Limited, Hayes, England. Control circuits for electrical oscillation generators. 2,541,454, Feb. 13.
White, Eugene B., Oak Park, Ill. Chemical feeder. 2,541,798, Feb. 13.
White, Eugene B., Oak Park, Ill. Feeding chemicals. 2,541,799, Feb. 13.
White, Ezekiel F., assignee: *See*—
Wills, Mark A. A.
White, Francis I., Little Rock, Ark. Asphalt tile cutter. 2,572,791, Oct. 23.
White, Frank G.: *See*—
Callahan, Thomas F., and White.
White, Frank J., and C. W. Scott, Beatrice, Nebr., assignors to Tote Engineering, Inc., Seattle, Wash. Receptacle tilting and unloading device. 2,578,116, Dec. 11.
White, Frank L.: *See*—
Brooker, Leslie G. S., and White.
White, Frank S., Stockbridge, Mass., assignor to The Dorr Company, Stamford, Conn. Calcining decrepitating rocks, including limestone. 2,548,642, Apr. 10.
White, Fred E., assignor to White Thermo-Unit Company, Ixonia, Wis. Air conditioner. 2,553,508, May 15.
White, George H., Hartford, Conn. Hem marker for skirts. 2,565,335, Aug. 21.
White, George W., West Hartford, assignor to Veeder-Root Incorporated, Hartford, Conn. Shutter mechanism. 2,550,103, Apr. 24.
White, Gerald E., assignor to White Products Corp., Middleville, Mich. Pressure relief safety device. 2,576,431, Nov. 27.
White, Gilbert J., Tavistock, Devon, England. Distributor. 2,539,340, Jan. 23.
White, Glen L., Grosse Pointe, and C. E. Read, assignors to Monroe Auto Equipment Company, Monroe, Mich. Tractor seat. 2,573,077, Oct. 30.
White, Godfrey L., Osceola, Ark. Attachment for controlling weeds in cotton. 2,580,145, Dec. 25.
White, Halbert C.: *See*—
Britton, Edgar C., Dickert, and White.
Britton, Edgar C., and White.
White, Halbert C., assignor to The Dow Chemical Company, Midland, Mich. Production of amino acids. 2,557,920, June 19.
White, Harry B., Canton, assignor to The Hoover Company, North Canton, Ohio. Suction cleaner bag. 2,566,275, Aug. 28.
White, Harry B., Canton, assignor to The Hoover Company, North Canton, Ohio. Toaster timing mechanism. 2,574,993, Nov. 13.
White, Harry J.: *See*—
Branchflower, Dale R., White, and Winter.
White, Harry J., Cambridge, Mass., assignor, by mesne assignments, to the United States of America as represented by the Secretary of War. Modulator circuits. 2,555,172, May 29.
White, Harry J., Cambridge, Mass., assignor, by mesne assignments, to the United States of America as represented by the Secretary of the Navy. Rotary contact modulator circuit. 2,561,897, July 24.
White, Ira M., Berkeley, assignor to The Pelton Water Wheel Company, San Francisco, Calif. Hydraulic pumping jack. 2,575,241, Nov. 13.
White, Ira M., Oakland, assignor to The Pelton Water Wheel Company, San Francisco, Calif. Hydraulic pumping jack. 2,562,837, July 31.
White, Ira M., Walnut Creek, assignor to The Pelton Water Wheel Company, San Francisco, Calif. Hydraulic jack. 2,575,308, Nov. 13.
White, Ira M., Berkeley, and R. Bacchi, Daly City, Calif., assignors to The Pelton Water Wheel Company. Cone valve operator. 2,565,640, Aug. 28.
White, James E., Los Angeles, Calif. Vertically adjustable table. 2,547,296, Apr. 3.
White, Jesse M., deceased, Philadelphia, Pa.; by E. Fleischmann, co-executrix, Merion, Pa. Electric terminal. 2,536,862, Jan. 2.
White, John: *See*—
Mansfield, Wilfred P., and White.
White, John A., Jr., assignor to Be-Ge Manufacturing Co., Gilroy, Calif. Hydraulic pump. 2,565,582, Aug. 28.
White, John B., Tuckahoe, assignor to Scientific Production Corporation, New York, N. Y. Ballast spreader. 2,555,173, May 29.
White, John E.: *See*—
Miley, Albert M., and White.
White, John W., Los Angeles, and J. J. Vollmer, San Fernando, Calif., said Vollmer assignor to said White. Valve for suction socket prosthesis. 2,569,790, Oct. 2.
White, John W., Jr., Little Rock, Ark. Automatic fishing reel. 2,577,552, Dec. 4.
White, John W., Jr., Little Rock, Ark. Automatic fishing reel. 2,577,553, Dec. 4.
White, John W., Jr., Little Rock, Ark. Automatic fishing reel. 2,577,554, Dec. 4.
White, John W., Jr., Little Rock, Ark. Automatic fishing reel. 2,577,555, Dec. 4.
White, Jonathan W., Jr.: *See*—
Naghski, Joseph, White, Jr., and Hoover.
White, Jonathan W., Jr., Willow Grove, Pa., assignor to the United States of America as represented by the Secretary of Agriculture. Crystallized fruit spread and making same. 2,573,750, Nov. 6.
White, Jonathan W., Jr., J. Naghski, and L. Weil, Philadelphia, Pa., assignors to the United States of America as represented by the Secretary of Agriculture. Recovery of carotene concentrate. 2,543,083, Feb. 27.
White, Joseph J., assignee: *See*—
Franklin, William B.
White, Joseph L.: *See*—
Verdick, Edmund J., and White.
White, Judson H., Whiteville, N. C. Tobacco curing stove with air-heating hood. 2,569,084, Sept. 25.
White, Kenneth T., Grosse Ile, Mich., assignor, by mesne assignments, to said Kenneth T. White as trustee. Ice tray and grid structure. 2,558,802, July 3.
White Laboratories, Incorporated, assignee: *See*—
Lorenz, Frederick W., and Sondern.
Sondern, Clarence W., and Breivogel.
White, Loyd J., assignor to Southern Prison Company, San Antonio, Tex. Combination bunk, table, and seats for jails and the like. 2,572,435, Oct. 23.
White Manufacturing Company, assignee: *See*—
Thorp, Leroy M., and Nelson.
White Metal Manufacturing Company, assignee: *See*—
Lehmann, Emil.
White, Milton G., Cambridge, Mass., assignor, by mesne assignments, to the United States of America as represented by the Secretary of the Navy. Control of wave length in wave guides. 2,567,748, Sept. 11.
White Motor Company, The, assignee: *See*—
Schaefer, Eugene.
White, Nemi A.: *See*—
Rounds, Louis D., and White.
White, Norman W., Lynnfield Center, Mass. Play pen. 2,574,079, Nov. 6.
White, Norman W., Salem, Mass. Play pen. 2,573,526, Oct. 30.
White, Orlando M., assignor, by mesne assignments, to W. G. Nauman, Milwaukee, Wis. Camera with parallax corrected focusing finder. 2,552,244, May 8.
White, Paul B., Hamlet, N. C. Lateral liner for locomotive journal boxes. 2,552,756, May 15.
White, Paul F., Glen Ellyn, assignor to Santay Corporation, Chicago, Ill. Steering wheel spinner. 2,561,961, July 24.
White, Paul G.: *See*—
Leitch, John D., and White.
White, Paul G., assignor to The Electric Controller & Manufacturing Company, Cleveland, Ohio. Time delay control. 2,549,149, Apr. 17.
White, Paul V.: *See*—
Bennett, Charles E., and White.
White, Paul W., Mount Carmel, Conn., assignor to Parva Products Company, Chicago, Ill. Buckle. 2,573,527, Oct. 30.
White, Paul W., West Haven, and J. J. Schutz, New Haven, Conn., assignors to Parva Products Company, Chicago, Ill. Buckle. 2,549,735, Apr. 17.
White, Percy, Birstall, assignor to T. & T. Vicars Limited, Earlestown, Newton-le-Willows, England. Gas burner plate for attachment to combustion chamber walls. 2,565,831, Aug. 28.
White Products Company, assignee: *See*—
Wellman, Walter C.
White, Gerald E.
White, Ralph V.: *See*—
Beard, Leslie C., Jr., and White.
Trigg, Hastings S., Norris, and White.
White, Ralph V., Pitman, H. D. Norris, Woodbury, and P. S. Landis, Glassboro, N. J., assignors to Socony-Vacuum Oil Company, Incorporated. Reaction products of N-acylated polyalkylene-polyamines with alkenyl succinic acid anhydrides. 2,568,876, Sept. 25.
White, Raymond E., Sidney, assignor to Bendix Aviation Corporation, New York, N. Y. Electrical apparatus. 2,549,871, Apr. 24.
White, Raymond E., Sidney, assignor to Bendix Aviation Corporation, New York, N. Y. Distributor. 2,552,609, May 15.
White, Raymond E., Sidney, assignor to Bendix Aviation Corporation, New York, N. Y. Ignition apparatus. 2,552,610, May 15.
White, Roger E., United States Navy. Delayed signal generator. 2,572,083, Oct. 23.
White, Roland J., Seattle, Wash., assignor to Curtiss-Wright Corporation. Aircraft control system. 2,556,353, June 12.

White, S. S., Dental Manufacturing Company, The, assignee: *See*—
Crowell, Walter S.
Mitterway, Philip F.
White Sewing Machine Corporation, assignee: *See*—
Hohmann, Richard K.
White Thermo-Unit Company, assignee: *See*—
White, Fred E.
White, Thomas W., assignor to Goldberg & O'Brien Electric Co., Chicago, Ill. Regeneration control system. 2,551,357, May 1.
White, Vernon L.: *See*—
Grill, Raymond E., and White.
White, Walter T.: *See*—
Knowles, Richard C., White, Harris, Nagy, and Hammond.
White, Warren D., West Hempstead, N. Y., assignor to the United States of America as represented by the Secretary of War. Linear modulation circuit. 2,558,406, June 26.
White, Warren S.: *See*—
Rolfe, James C., and White.
White, Will L., Houston, Tex. Adjustable Kelley drive bushing. 2,559,100, July 3.
White, William C., Schenectady, N. Y., assignor to General Electric Company. Method and apparatus for the quantitative measurement of impurities in an atmosphere. 2,579,352, Dec. 18.
White, William J., Coxsackie, N. Y. Radiator ball air relief valve. 2,549,035, Apr. 17.
White, William M., assignor to Eastman Kodak Company, Rochester, N. Y. Electric timer. 2,559,910, July 10.
White, William R., Jr., assignee: *See*—
Smith, Warren R., and Othmer.
White, William W., Great Falls, Mont. Wheeled disk harrow. 2,558,890, July 3.
White, William W., Jr., assignee: *See*—
Smith, Warren R., Mellenger, and Othmer.
White, Zebulon L., Parkville, and W. Buchal, Kingsville, assignors to The Glenn L. Martin Company, Middle River, Md. Automatic feeding device. 2,561,255, July 17.
Whitebone, Cecil A., assignee: *See*—
Stromberg, Roland W.
Whitebread, Ned B., Sterling, assignor, by mesne assignments, to Kolite, Inc., Chicago, Ill. Receptacle retaining device. 2,563,698, Aug. 7.
Whitefield, Orville N., Sonora, Tex. Adjustable brake latch. 2,569,841, Oct. 2.
Whitehead, Alan D.: *See*—
Pinner, Solomon H., and Whitehead.
Whitehead Brothers Company, assignee: *See*—
Wallace, Burgess P.
Whitehead, Bruce: *See*—
Williams, Ernest, Whitehead, and Mercer.
Whitehead & Kales Company, assignee: *See*—
Stough, Gerald D.
Stough, Gerald D., and Fox.
Whitehead, Oscar N., assignor to H. L. Judd Company, Wallingford, Conn. Curtain rod. 2,573,078, Oct. 30.
Whitehead, Randolph K., and G. B. Weldon, Johannesburg, Transvaal, Union of South Africa. Redirecting deflected boreholes. 2,538,545, Jan. 16.
Whitehead, Robert, assignor to The Wolverhampton Die-Casting Company Limited, Wolverhampton, and Wilmot-Breeder Limited, Birmingham, England. Device for use in polishing articles. 2,550,630, Apr. 24.
Whitehead, Stanley, and B. Rosenblum, London, England; said Rosenblum now by change of name, B. Roston. Location of conducting and/or magnetic bodies. 2,560,834, July 17.
Whitehead, Walter D., Jr.: *See*—
Hereford, Frank L., Jr., and Whitehead.
Whitehead, Walter R., Gillingham, England. Detachable vehicle wheel. 2,573,079, Oct. 30.
Whitehead, William, Forest Hills, N. Y., assignor to Celanese Corporation of America. Chemically treated laundry bag. 2,555,561, June 5.
Whitehead, William A., Preston, and S. W. H. Long, Beckenham, England. Delivery mechanism for printing and like machines. 2,555,281, May 29.
Whitehill, Lynwood N., Berkeley, and E. C. Shokal, Oakland, assignors to Shell Development Company, San Francisco, Calif. Diallyl esters and polymers thereof. 2,545,184, Mar. 13.
Whitehill, Stanley M., assignee: *See*—
Groth, Fred A.
Whitehouse Manufacturing Co. Inc., assignee: *See*—
Weiss, David E.
Whitehouse, Ben, Milwaukee, Wis. Chart support. 2,570,619, Oct. 9.
Whiteley and Caine, assignee: *See*—
Haapala, Levi.
Whiteley, Joseph W., assignor to A. C. Cossor Limited, London, England. Electrical bridge network. 2,554,932, May 29.
Whiteley and Caine, assignee: *See*—
Haapala, Levi.
Whitelock, John H.: *See*—
Locker, James R., and Whitelock.
Whiteman, Irvin R., Philadelphia, Pa., assignor, by mesne assignments, to the United States of America as represented by the Secretary of the Navy. Air-free lubricant pump discharge system. 2,578,275, Dec. 11.
Whitener, Philip C.: *See*—
Kirkbride, John F., and Whitener.
Whitesell, Robert O., assignor to P. R. Mallory & Co., Inc., Indianapolis, Ind. Constant voltage power supply. 2,542,852, Feb. 20.
Whiteside, Darwin L.: *See*—
Holt, William J., Jr., and Whiteside.
Whiteside, Frank F., Jacksonville, Fla. Metal awning. 2,553,123, May 15.
Whitesides, Robert F.: *See*—
Furman, William H., and Whitesides.
Whitfield, Harold R.: *See*—
Crown, William H., and Whitfield.
Whitfield, Harold R., and A. Harrison, assignors to Henry Hughes & Son Limited, Barkingside, England. Radar responder beacon. 2,544,204, Mar. 6.
Whitfield, Robert F., Jackson, Miss. Awning. 2,551,917, May 8.
Whitford, Albert E., Belmont, Mass., assignor, by mesne assignments, to the United States of America as represented by the Secretary of War. Automatic frequency control system. 2,555,175, May 29.
Whitham, Glenn E.: *See*—
Hite, George, and Whitham.
Whitin Machine Works, assignee: *See*—
Banfield, Frederic E., Jr.
Dudley, John S., and Brandt.
Hendricks, William E.
Wood, Earl S.
Whiting Corporation, assignee: *See*—
Metcalf, Irvin R., and Bock.
Ortgies, Raymond C.
Spencer, Earl B.
Whiting Hosiery Mills, Inc., assignee: *See*—
Teague, George F.
Whiting, John A., Kansas City, Mo., assignor to American Home Products Corporation, New York, N. Y. Anticoccidiotic composition. 2,547,144, Apr. 3.
Whiting, John G., Chicago, Ill. Light projector. 2,568,782, Sept. 25.
Whiting, John R.: *See*—
Cunkelman, John W., and Whiting.
Whiting, William A., Long Beach, assignor to American Pipe and Construction Co., Los Angeles, Calif. Making reinforced concrete pipe. 2,566,689, Sept. 4.
Whitley, Harvey L., Fremont, N. C. Dehydration apparatus. 2,542,607, Feb. 20.
Whitley, Paul J.: *See*—
McNabb, Carlos, Whitley, and Morrow.
Whitley, Record R., Texas City, Tex. Adjustable level control. 2,540,361, Feb. 6.
Whitlock, George E., Warren, assignor to Mullins Manufacturing Corporation, Salem, Ohio. Tub and agitator for washing machines. 2,565,056, Aug. 21.
Whitlock, Robert A., Jr., assignor to Automatic Pump & Softener Corporation, Rockford, Ill. Float valve. 2,558,471, June 26.
Whitlow, John B., Maysville, Ky. Stabilizer for automobile frames. 2,536,337, Jan. 2.
Whitlow, Shelton, Houston, Tex. Paint applicator. 2,561,162, July 17.
Whitlow, Verlin T., Poplar Bluff, Mo. Tow bar. 2,559,487, July 3.
Whitman, Dudley A., Miami Beach, and W. F. Whitman, Dada, Fla. Underwater camera and casing including control means. 2,573,885, Nov. 6.
Whitman, Gerald M., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Fluorination of hydrocarbons. 2,578,913, Dec. 18.
Whitman, Hyman L., East Bridgewater, Mass., assignor to The B. F. Goodrich Company, New York, N. Y. Article of footwear. 2,539,761, Jan. 30.
Whitman, Leland J., Delaware, Ohio. Combination table and swivel ironing board. 2,552,473, May 8.
Whitman, William F.: *See*—
Whitman, Dudley A. and W. F.
Whitmer, William R., assignor to The Springfield Leather Products Company, Springfield, Ohio. Billfold. 2,556,310, June 12.
Whitmore, Harland W., Kenosha, Wis., assignor to Motor Products Corporation, Detroit, Mich. Hinge construction. 2,547,550, Apr. 3.
Whitnah, Ronald L., and E. H. McKeehan, St. Louis, Mo. Culinary utensil. 2,567,091, Sept. 4.
Whitner, Thomas C., Elizabeth, N. J. Treating cellulose fibers and composition therefor. 2,565,832, Aug. 28.
Whitner, Thomas C., Elizabeth, N. J. Dissolving silk fibers. 2,575,152, Nov. 13.
Whitney Blake Company, The, assignee: *See*—
Cook, John B.
Whitney, Donald R., assignor to General Motors Corporation, Detroit, Mich. Balancing machine. 2,554,180, May 1.
Whitney, Joseph W., Conway, Pa. Radio tube extractor. 2,568,210, Sept. 18.
Whitney, Loren L., Hammond, Ind., assignor to American Steel Foundries, Chicago, Ill. Welding brake beams. 2,550,743, May 1.
Whitney, Lyman F., Cambridge, Mass., assignor, by mesne assignments, to Stator Company. Combined refrigerating and water-heating system. 2,562,651, July 31.

Whitney, Lyman F., Cambridge, Mass., assignor, by mesne assignments, to Stator Company. Evaporator for refrigeration system. 2,562,652, July 31.

Whitney, Lyman F., Cambridge, Mass., assignor, by mesne assignments, to Stator Company. Multiple stage ejector in refrigeration system. 2,566,864, Sept. 4.

Whitney, Lyman F., Boston, W. E. Whitney, Belmont, and D. F. Comstock, Lincoln, Mass., assignors, by mesne assignments, to Stator Company. Hot-water system. 2,544,408, Mar. 6.

Whitney, Ralph T., Irwin, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Control apparatus for reversible engines. 2,540,771, Feb. 6.

Whitney, Ralph T., Irwin, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Reversible engine control apparatus. 2,558,891, July 3.

Whitney, Ralph T., Irwin, Pa., assignor to Westinghouse Air Brake Company. Control apparatus. 2,580,372, Dec. 25.

Whitney, Robert E.: *See*—
Chapman, Leland M., and Whitney.

Whitney, Robert W.: *See*—
Lankford, Allan M., Russell, and Whitney.

Whitney, Walter D., San Francisco, Calif. Clutch head. 2,569,593, Oct. 2.

Whitney, William B., Bartlesville, Okla., assignor to Phillips Petroleum Company. Processing of fatty acids and making grease therefrom. 2,545,126, Mar. 13.

Whitney, William E.: *See*—
Moffat, Alexander W., and Whitney.
Whitney, Lyman F. and W. E., and Comstock.

Whitney, Willis B., E. M. Briscoe, and A. A. Hudson, Perivale, assignors to The British Electrical and Allied Industries Research Association, London, England. Electric circuit breaker. 2,552,358, May 8.

Whitney, Willis R., Schenectady, N. Y., assignor to General Electric Company. Refrigerant flow controlling device. 2,548,643, Apr. 10.

Whiton, Louis C., and J. E. Watson, Westport, Conn., and C. B. McBride, Port Chester, and F. Remington, Oyster Bay, N. Y., assignors to Prat-Daniel Corporation, East Portchester, Conn. Apparatus for centrifugally separating suspended particles from gases. 2,546,246, Mar. 27.

Whiton Machine Company, The, assignee: *See*—
Highberg, George A.

Whitsel, James L., Denver, Colo. Expansible stopper. 2,538,288, Jan. 16.

Whitson, James, & Company Limited, assignee: *See*—
Whittit, Alfred E.

Whitson, James D., assignee: *See*—
Hensley, Alva C.

Whitson, William L., Oak Ridge, Tenn., assignor to the United States of America as represented by the Secretary of War. Mirror mounting for optical instruments and fine angular adjustment means therefor. 2,578,768, Dec. 18.

Whittaker, Charles C., Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Centrifugal air cleaner. 2,562,007, July 24.

Whittaker, Charles E., Los Angeles County, assignor to Globe Oil Tools Company, Los Nietos, Calif. Drilling tool. 2,562,346, July 31.

Whittaker, Harry, Elizabeth, and P. L. Kuzmick, Passaic, N. J., assignors to J. K. Smit & Sons, Inc., New York, N. Y. Vitreous bonded diamond abrasive product and making same. 2,555,174, May 29.

Whittaker, Henry C., Memphis, Tenn. Safety device for hydraulic brakes. 2,549,351, Apr. 17.

Whittaker, James E., Superior, Wis., assignor to The American Steel and Wire Company of New Jersey. Shiftable stamp holding means. 2,541,800, Feb. 13.

Whittaker, James L., Princeton, N. J., assignor to Radio Corporation of America. Three-dimensional oscillograph system. 2,544,624, Mar. 6.

Whittaker, Karl F., Seattle, Wash. Dumping type of grass catcher for lawn mowers. 2,579,103, Dec. 18.

Whittam, Benjamin B., Doylestown, Pa. Roll-shear vibration isolation mounting. 2,560,620, July 17.

Whittier, Charles L., assignee: *See*—
Whittier, Robert F., and Field.

Whittier, Clyde, assignor of one-half to H. E. Schall, Monte Vista, Colo. Land leveler with coordinated wheel adjustment means. 2,536,405, Jan. 2.

Whittier, Clyde, Center, assignor of 50 per cent to H. E. Schall, Monte Vista, Colo. Land leveler. 2,567,534, Sept. 11.

Whittier, Lucile G., assignee: *See*—
Whittier, Robert F., and Field.

Whittier, Robert F., Grand Rapids, and C. P. Field, Belmont, assignors to C. L. and L. G. Whittier, Ada, Mich. Bed drawer and step. 2,567,630, Sept. 11.

Whittington, Paul E., Arlington County, Va. Ventilating insole. 2,545,062, Mar. 13.

Whittington, Roy D., Belton, Mo., assignor of one-half to W. Isler, one-half to J. A. Negin and L. J. Gaspar, Jr., Cleveland, Ohio. Body extension for motor vehicles 2,556,130, June 5.

Whittit, Alfred E., Heston, assignor to James Whitson & Company Limited, West Drayton, Middlesex, England. Mounting for sliding doors. 2,573,236, Oct. 30

Whittle, Frank, Rugby, assignor to Power Jets (Research & Development) Limited, London, England. Cooling combustion-engine air supply by ammonia. 2,559,814, July 10.

Whittle, Frank, Rugby, assignor to Power Jets (Research and Development) Limited, London, England. Reduction of drag of and propulsion of aerodynamic or hydrodynamic bodies. 2,561,303, July 17.

Whittle, Frank, Rugby, assignor to Power Jets (Research & Development) Limited, London, England. Jet pipe for jet-propelled aircraft. 2,580,207, Dec. 25.

Whittlesey, Leonard D., Flint, and O. L. Strand, Mount Morris, assignors to General Motors Corporation, Detroit, Mich. Cutter grinding machine. 2,548,277, Apr. 10.

Whitton, Wilfred J., San Francisco, Calif. Making razor heads. 2,547,104, Apr. 3.

Whitwell, Percy, Brooklyn, N. Y. Learner (driver) distinguishing plate. 2,576,374, Nov. 27.

Whitworth, Edward: *See*—
Gordon, Stuart, and Whitworth.

Whitworth, Henry C., Scott City, Kans. Cattle chute. 2,564,317, Aug. 14.

Whitworth, Sir W. G. Armstrong, Aircraft Limited, assignee: *See*—
Plester, Joseph.

Whitzel, Raymond T. and W. E. King, Massena, N. Y., assignors to Aluminum Company of America, Pittsburgh, Pa. Boron-containing aluminum wire and its production. 2,545,866, Mar. 20.

Whizzer Motor Company, assignee: *See*—
Hall, Walter L.
Schuricht, Henry A.
Sherman, Floyd A

Whyzmuzis, Paul J., Jamaica, and W. O. Kaupp, Ozone Park, assignors to Interchemical Corporation, New York, N. Y. Developer for bichromated colloids. 2,564,414, Aug. 14.

Whyzmuzis, Paul J., Jamaica, assignor to Interchemical Corporation, New York, N. Y. Etch for offset plate making. 2,572,228, Oct. 23.

Wiancko, Thomas H., Altadena, assignor to Aerojet Engineering Corporation, Azusa, Calif. Pressure responsive device. 2,563,899, Aug. 14.

Wianco, Albert P., Florence, Colo. Automatic fluid temperature controller. 2,553,027, May 15.

Wiant, Hugh, Westfield, assignor to Combustion Research and Development, Inc., Jersey City, N. J. Liquid and gaseous fuel burner. 2,543,617, Feb. 27.

Wichita Engineering Company, assignee: *See*—
Hightower, John W.

Wiazmitinow, Alexis, and H. Goorhuis, assignors to Sandoz A. G., Basel, Switzerland. Compositions and processes for printing organic derivatives of cellulose using a mixture of four swelling agents. 2,574,806, Nov. 13.

Wiberg, Oscar A., and B. H. Wetterström, Finspong, Sweden. Regulating device with speed adjusting mechanism for power engines. 2,561,719, July 24.

Wichterle, Otto: *See*—
Novotny, Alois, and Wichterle.

Wichterle, Otto, Prague, assignor to Chemicke zavody na Slovensku, narodny podnik, Bratislava, Czechoslovakia. Producing lactams by rearrangement of cyclic ketoximes. 2,573,374, Oct. 30.

Wick, George M., Ridgewood, N. J. Golf-club carrier. 2,564,318, Aug. 14.

Wick, Raymond M.: *See*—
Sontag, George C., and Wick.

Wick, Ronald F.: *See*—
Mason, Warren P., and Wick.

Wicke, Lester L. C., Manitowoc, Wis. Universal wrench adapter. 2,562,973, Aug. 7.

Wicke, Paul A., assignee: *See*—
Turner, Blaine.

Wicker, Everett E.: *See*—
McCartney, Raymond F., Pellissier, and Wicker.

Wicker, Thomas H.: *See*—
Pollard, Cash B., and Wicker.

Wickerham, William R., and C. M. Avery, Pittsburgh, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Polyphase induction motor control. 2,565,157, Aug. 21.

Wickersham, Frederick O., Chicago, Ill. Paper container for pastries. 2,556,638, June 12.

Wickes Bros., assignee: *See*—
Schulz, Richard E.
Schulz, Richard E., and Chriscaden.

Wickesser, Arthur: *See*—
De Giers, Clarence A., and Wickesser.

Wickesser, Arthur, St. Albans, assignor to The Liquidometer Corporation, Long Island City, N. Y. Totalizing liquid level gauge. 2,537,498, Jan. 9.

Wickham, Henry P., Glen Head, N. Y., and J. W. Moorman, Alpine, N. J., assignors to The M. W. Kellogg Company, Jersey City, N. J. Contacting gaseous materials with fluidized solids. 2,562,225, July 31.

Wickham, Parker B.: *See*—
Brown, Morris E., Wickham, Sterenberg, and Johnston.

Wickham, Parker B., Delavan, Wis., assignor to The George W. Borg Corporation, Chicago, Ill. Facsimile phasing system. 2,540,922, Feb. 6.

Wickham, Parker B., Delavan, and S. A. Johnston, Walworth, Wis., assignors to The George W. Borg Corporation, Chicago, Ill. Piezoelectric microphone. 2,561,084, July 17.
Wickham, Wilbur H.: *See*—
Robison, Homer F., and Wickham.
Wickland, Algot A., Chicago, Ill. Continuous muller. 2,572,413, Oct. 23.
Wickland, Lawrence A., Altadena, Calif. Dish holder and stand. 2,547,844, Apr. 3.
Wicklatz, John E., Cincinnati, Ohio, assignor to Phillips Petroleum Company. Emulsion polymerization with pentazdienes. 2,564,632, Aug. 14.
Wickman, A. C., Limited, assignee: *See*—
Adcock, Horace.
Wickman, Lester F., Oakland, Calif. Magnetic T square and drafting board. 2,568,575, Sept. 18.
Wickman, Magnus H., Minneapolis, Minn. Portable sander tool. 2,554,763, May 29.
Wickner, Jess W., Milwaukee, Wis. Adjustable food grater. 2,550,896, May 1.
Wicks, John, Biloxi, Miss., assignor to Automatic Electric Laboratories, Inc., Chicago, Ill. Restricted service automatic telephone system. 2,544,944, Mar. 13.
Wicks, John, Biloxi, Miss., assignor to Automatic Electric Laboratories, Inc., Chicago, Ill. Group busy signaling at remote toll boards. 2,564,088, Aug. 14.
Wicks, John, Biloxi, Miss., assignor to Automatic Electric Laboratories, Inc., Chicago, Ill. Interexchange switching telephone system. 2,566,009, Aug. 28.
Wicks, John, Biloxi, Miss., assignor to Automatic Electric Laboratories, Inc., Chicago, Ill. Telephone system. 2,574,454, Nov. 6.
Wicks, John, Biloxi, Miss., and O. D. Grandstaff, Oak Park, assignors to Automatic Electric Laboratories, Inc., Chicago, Ill. Telephone system. 2,566,010, Aug. 28.
Wicks, John D., and L. N. M. I. Deaver, assignors to Wix Accessories Corporation, Gastonia, N. C. Oil filter replacement unit. 2,543,481, Feb. 27.
Wicks, Zeno W.: *See*—
Kass, Peter, and Wicks.
Wicks, Zeno W., Jr., assignor to Interchemical Corporation, New York, N. Y. Polyester drying oil. 2,558,025, June 26.
Wickstrum, Cecil M., Omaha, Nebr. Rolling chapel tent construction. 2,575,572, Nov. 20.
Wickwire, Arthur M., Mountain Lakes, N. J., assignor, by mesne assignments, to Automatic Steel Products, Inc. Delayed engagement liquid clutch. 2,555,772, June 5.
Wickwire, Arthur M., Mountain Lakes, N. J., and H. J. Zimmermann, Canton, Ohio, assignors, by mesne assignments, to Automatic Steel Products, Inc. Centrifugal fluid pressure operated clutch. 2,551,918, May 8.
Wickwire, Bertram N., Pelham Manor, N. Y. Flashlight. 2,544,059, Mar. 6.
Wickwire Brothers, Inc., assignee: *See*—
Wickwire, Chester F.
Wickwire, Chester F., assignor to Wickwire Brothers, Inc., Cortland, N. Y. Shuttle for wire-weaving looms. 2,573,820, Nov. 6.
Wickwire, Chester F., Homer, assignor to Wickwire Brothers, Inc., Cortland, N. Y. Shuttle for wire-weaving looms. 2,573,821, Nov. 6.
Wico Electric Company, assignee: *See*—
Harmon, Kenneth A.
Harmon, Kenneth A., and Guernsey.
Wiczer, Sol B., Washington, D. C. Making motor fuel. 2,546,180, Mar. 27.
Wiczer, Sol B., Washington, D. C. Valve. 2,572,899, Oct. 30.
Widder, J., & Co., assignee: *See*—
Widder, Samuel.
Widder, Samuel, assignor to J. Widder & Co., New York, N. Y. Adjustable photograph mount. 2,568,178, Sept. 18.
Widdicomb, John, Company, assignee: *See*—
Herts, Jack H. B., and McPhee.
Widdoes, Beatrice T.: *See*—
Bourelle, Roy F., and Widdoes.
Widell, Emil G., Bloomfield, N. J., assignor to Radio Corporation of America. Zirconium coating for electron discharge devices. 2,536,673, Jan. 2.
Wideman, Ewell F., Wetumpka, Ala. Air brake bleeder. 2,566,472, Sept. 4.
Wideröe, Rolf, Oslo, Norway, assignor to Aktiengesellschaft Brown, Boveri & Cie, Baden, Switzerland. Magnetic induction accelerator. 2,550,212, Apr. 24.
Wideröe, Rolf, Oslo, Norway, assignor to Aktiengesellschaft Brown, Boveri & Cie, Baden, Switzerland. Magnetic induction accelerator. 2,572,551, Oct. 23.
Wideröe, Rolf, Zurich, assignor to Aktiengesellschaft Brown, Boveri & Cie, Baden, Switzerland. Magnetic induction device for accelerating electrons. 2,538,718, Jan. 16.
Wideröe, Rolf, Zurich, assignor to Aktiengesellschaft Brown, Boveri & Cie, Baden, Switzerland. Circuit for periodic introduction of electrons into an electron accelerator. 2,546,484, Mar. 27.
Wideröe, Rolf, Zurich, assignor to Aktiengesellschaft Brown, Boveri & Cie, Baden, Switzerland. Magnetic induction accelerator. 2,572,414, Oct. 23.
Widman, John C., Royal Oak, assignor to Ford Motor Company, Dearborn, Mich. Windcord assembly. 2,536,863, Jan. 2.
Widmer, Ernst, Oberwil-Zug, assignor to Landis & Gyr, A. G., Zug, Switzerland. Multiple pole switch for tariff clocks. 2,574,308, Nov. 6.
Widmer, Willi, Bottmingen, and R. Ruegg, assignors to Ciba Limited, Basel, Switzerland. Monoazo dyestuffs. 2,538,610, Jan. 16.
Widmer, Willi, Bottmingen, and E. Reich, Neue Welt, assignors to Ciba Limited, Basel, Switzerland. Monoazo-dyestuffs and making same. 2,538,741, Jan. 16.
Widmer, Willi, Bottmingen, and A. Heckendorn, assignors to Ciba Limited, Basel, Switzerland. Manufacture of esterlike derivatives of ortho: ortho'-dihydroxy-monoazo dyestuffs. 2,559,331, July 3.
Widmer, Willi, Bottmingen, and C. Zickendraht, Binningen, assignors to Ciba Limited, Basel, Switzerland. Manufacture of metalliferous azo dyestuffs. 2,565,898, Aug. 28.
Widmer, Willi, Bottmingen, and A. Buehler, Rheinfelden, assignors to Ciba Limited, Basel, Switzerland. Metalliferous azo-dyestuffs. 2,570,085, Oct. 2.
Widmer, Willy: *See*—
Felix, Friedrich, Heckendorn, and Widmer.
Kaiser, Otto, Widmer, Buehler, and Zickendraht.
Widmer, Willy, Bottmingen, assignor to Ciba Limited Basel, Switzerland. Polyazo dyestuffs. Re. 23,380, June 12.
Widmer, Willy, Bottmingen, assignor to Ciba Limited, Basel, Switzerland. Polyazo dyestuffs. 2,538,180, Jan. 16.
Widmer, Willy, Bottmingen, and J. Brassel, assignors to Ciba Limited, Basel, Switzerland. Complex chromium azo compound. 2,570,084, Oct. 2.
Wiebe, Harold G., Chicago, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Coiled stockholding fixture. 2,548,248, Apr. 10.
Wiedemer, George A., Akron, assignor to Seiberling Rubber Company, Barberton, Ohio. Tire gauge. 2,550,508, Apr. 24.
Wieder, Alice E., Los Angeles, Calif. Coat hanger. 2,568,674, Sept. 18.
Wiederhold, Harold C.: *See*—
Caesar, Orville S., and Wiederhold.
Wiederrich, John R., assignee: *See*—
Wade, Stanley M.
Wiedman, Edward L., Tonawanda, N. Y. Spring caster. 2,543,948, Mar. 6.
Wiedman, Edward L., Tonawanda, N. Y. Truck body. 2,569,965, Oct. 2.
Wiedman, Edward L., Tonawanda, N. Y. Step for trailers and other vehicles. 2,575,573, Nov. 20.
Wiegand, David E., Villa Park, Ill., assignor to McGraw Electric Company. Three-phase transformer. 2,544,871, Mar. 13.
Wiegand, David E., Villa Park, assignor to Armour Research Foundation of Illinois Institute of Technology, Chicago, Ill. Electromagnetic transducer head. 2,547,297, Apr. 3.
Wiegand, David E., Villa Park, assignor to Armour Research Foundation of Illinois Institute of Technology, Chicago, Ill. Electromagnetic transducer head assembly. 2,580,208, Dec. 25.
Wiegand, Edwin L., Company, assignee: *See*—
Adams, Carman.
McOrlly, Joseph.
Wiegand, Francis J., Ridgewood, and E. F. Pierce, Pines Lake, N. J., assignors to Wright Aeronautical Corporation. Automatic antidetonation system. 2,560,262, July 10.
Wiegand, Francis J., and D. W. Meador, Ridgewood, N. J., assignors to Wright Aeronautical Corporation. Fluid line connection. 2,560,263, July 10.
Wiegandt, Katherine, administratrix: *See*—
Wiegandt, Paul C.
Wiegandt, Paul C., deceased, Brooklyn, N. Y.; K. Wiegandt, administratrix. Material edgestitcher guide mechanism for use with the presser foot of sewing machines. 2,573,170, Oct. 30.
Wiegel, David W., El Dorado, Ark. Combined cooker and steamer. 2,555,720, June 5.
Wiegman, Clarence H., Williamsport, Pa., assignor to Avco Manufacturing Corporation, Cincinnati, Ohio. Crossover manifold. 2,541,973, Feb. 13.
Wiegner, Joseph W., E. T. Gilda, J. H. Klasey, St. Louis, and B. E. Barnes, Jennings, assignors to Carter Carburetor Corporation, St. Louis, Mo. Stapling apparatus. 2,574,202, Nov. 6.
Wiegratz, Fred G., assignee: *See*—
Reinke, Elmer F.
Wiegert, Wallace A.: *See*—
Dunham, Edward W., and Wiegert.
Wiehsner, Raymond H., assignor to The Tabor Manufacturing Company, Philadelphia, Pa. Clamping mechanism for molding apparatus. 2,568,905, Sept. 25.
Wieland, Daniel A., Hagerstown, Md. Multiple part set screw. 2,574,677, Nov. 13.
Wieland, Peter: *See*—
Miescher, Karl, and Wieland.
Wiemers, Frank C., Manson, Iowa. Snap bean stringer. 2,547,352, Apr. 3.
Wien, Lawrence A., assignee: *See*—
Wolfner, William F., II.

Wiener, Tibor, Cambridge, Mass., assignor, by mesne assignments, to California Research Corporation, San Francisco, Calif. Removing free phenol from tetra-aryl orthosilicate. 2,555,721, June 5.
Wienholtz, William F., Elgin, Ill. Screw driver having expandible bit portion. 2,559,206, July 3.
Wienke, Emil J., Glen Ellyn, assignor to Motiograph, Chicago, Ill. Tension shoe member for film sprockets. 2,549,271, Apr. 17.
Wiens, Jacob H.: *See*—
Hamilton, Joseph G., Putnam, and Wiens.
Wier, Anthony J.: *See*—
Haury, Paul T., and Wier.
Wier, S. Austin, assignee: *See*—
Bryan, Carroll W.
Wies, Calmy: *See*—
Caron, John B. R., Glendenning, and Wies.
Caron, John B. R., Wies, and Glendenning.
Wies, Calmy, New York, N. Y., J. B. R. Caron, North Plainfield, and E. B. Glendenning, Cranford, N. J., assignors to Shell Development Company, San Francisco, Calif. Nonclogging distillate fuel oil. 2,579,890, Dec. 25.
Wiese, Lee O., Perry, Iowa. Marking gauge for plow shares. 2,570,620, Oct. 9.
Wiese, Leonard J., Dodge, Nebr. Wristband. 2,536,146, Jan. 2.
Wiese, Randolph A., assignor to The Powder Weld Process Company, New York, N. Y. Apparatus for flame spraying. 2,549,736, Apr. 17.
Wiesenthal, Walter E., Wichita, Kans. Air-conditioning apparatus. 2,548,694, Apr. 10.
Wiesenthal, Walter E., Wilson, Kans. Mechanical jack. 2,548,695, Apr. 10.
Wiesmann, Joseph W., assignor to H. H. Robertson Company, Pittsburgh, Pa. Grommet applying tool with resiliently urged longitudinally shiftable upsetting element. 2,578,619, Dec. 11.
Wiesner, Harold J., assignor to C. G. Conn, Ltd., Elkhart, Ind. Electropolishing. 2,549,737, Apr. 17.
Wiesner, Jerry C., Granville, and J. R. Carey, Albany, N. Y. Immersion heater for liquids. 2,545,418, Mar. 13.
Wiethase, Gladys I., Long Beach, Calif. Portable awning. 2,539,762, Jan. 30.
Wigan, Edmund R., Barnham, England. Thermionic valve oscillator and amplifier. 2,549,553, Apr. 17.
Wigeland, Amund Ragnvald: *See*—
Dokken, Jörgen N., Wigeland, and Andersen.
Wiggam, David R.: *See*—
Pyle, George H., and Wiggam.
Wiggin, Herbert E., Englewood, N. J. Dunnaging device. 2,559,240, July 3.
Wiggins, Alpha M., Clay Township, St. Joseph County, and F. S. Lewis, South Bend, Ind., assignors to Electro Voice, Inc., Buchanan, Mich. Piezoelectric device. 2,540,851, Feb. 6.
Wiggins, Alpha M., Clay Township, St. Joseph County, Ind., assignor to Electro Voice, Inc., Buchanan, Mich. Second order differential microphone. 2,552,878, May 15.
Wiggins, Glenn C.: *See*—
Pelton, Earl L., Wiggins, and Corbett.
Wiggins, Glenn C., and W. E. Johnson, assignors to The Dow Chemical Company, Midland, Mich. Purifying dehydroacetic acid by distillation with glycol compounds. 2,553,992, May 22.
Wiggins, Harry S., Long Beach, Calif. Electric switch. 2,578,494, Dec. 11.
Wiggins, John H., assignee: *See*—
Allen, John W.
Wiggins, John H., Chicago, Ill. Secondary seal for floating tank roofs. 2,540,801, Feb. 6.
Wiggins, John H., Chicago, Ill. Sealing structure for floating tank roofs. 2,540,802, Feb. 6.
Wiggins, John H., Chicago, Ill. Liquid-sealed lifter roof for fluid storage apparatus. 2,546,572, Mar. 27.
Wiggins, John H., Chicago, Ill. Liquid-sealed lifter roof for fluid storage apparatus. 2,546,573, Mar. 27.
Wiggins, John H., Chicago, Ill. Protecting means for floating tank roof seals. 2,551,403, May 1.
Wiggins, John H., Chicago, Ill. Liquid sealing means for fluid storage apparatus. 2,551,404, May 1.
Wiggins, John H., Chicago, Ill. Side wall seal for floating tank roofs. 2,568,529, Sept. 18.
Wiggins, John H., Chicago, Ill. Ventilated wall structure for dry seal gasholders. 2,579,891, Dec. 25.
Wiggins, John H., and J. W. Allen, Cook County, Ill. Multishell fluid storage apparatus. 2,577,171, Dec. 4.
Wight, Marshall A., Jr.: *See*—
Smith, Robert L., and Wight.
Wight, Sedgwick N.: *See*—
Field, Oscar S., and Wight.
Field, Oscar S., Wight, and Hewes.
Wight, Walter B., Jr., Los Angeles, Calif. Fish lure. 2,563,386, Aug. 7.
Wightman, Lawrence W., Fort Wayne, Ind., assignor to General Electric Company. Mechanism for adjusting shaft end play. 2,539,879, Jan. 30.
Wightman, Lawrence W., Fort Wayne, Ind., assignor to General Electric Company. Bearing assembly. 2,548,644, Apr. 10.
Wightman, Lawrence W., Fort Wayne, Ind., assignor to General Electric Company. Bearing construction. 2,558,598, June 26.
Wightman, Lawrance W., Fort Wayne, Ind., assignor to General Electric Company. Dynamoelectric machine. 2,559,382, July 3.
Wightman, Lawrence W., Fort Wayne, Ind., assignor to General Electric Company. Tapered rotor for unit bearing motors. 2,575,153, Nov. 13.
Wiglesworth, Victor T., assignee: *See*—
Turner, Blaine.
Wiinikka, Raymond, Detroit, Mich. Loss preventing attachment for caps. 2,547,353, Apr. 3.
Wiitala, Edwin S., assignor to Eastman Kodak Company, Rochester, N. Y. Preparing dustless photographic fixing powders. 2,543,086, Feb. 27.
Wijtzes, Sjoerd: *See*—
Bos, Julius G., Dippel, Houtman, Keuning, and Wijtzes.
Wiken, Christy A., Milwaukee, Wis., assignor, by mesne assignments, to Rockwell Manufacturing Company, Pittsburgh, Pa. Machine tool. 2,567,982, Sept. 18.
Wiken, Christy A., and E. A. Reibig, Milwaukee, Wis., assignors to Rockwell Manufacturing Company, Pittsburgh, Pa. Endless tool carrier chain. 2,552,611, May 15.
Wikkenhauser, Gustav, Wells, England, assignor to Scophony Corporation of America, New York, N. Y. Radio location. 2,570,738, Oct. 9.
Wiklund, Olof, assignor to Svenska Sockerfabriks Aktiebolaget, Malmo, Sweden. Purifying juice. 2,547,298, Apr. 3.
Wikman, Carl W., assignor to Shaw-Walker Company, Muskegon, Mich. Lock mechanism for insulated filing cabinets. 2,547,513, Apr. 3.
Wikman, Carl W., assignor to The Shaw-Walker Company, Muskegon, Mich. Extension drawer for filing cabinets. 2,559,380. July 3.
Wikman, John M., Baltimore, Md. Overflow and return trap for vent pipes. 2,564,871, Aug. 21.
Wikstrom, Frank G., Valley Stream, assignor to Western Electric Company, Incorporated, New York, N. Y. Electric welding machine. 2,537,385, Jan. 9.
Wikstrom, Frank G., Valley Stream, assignor to Western Electric Company, Incorporated, New York, N. Y. Feeding, cutting, and transfer mechanism. 2,537,386, Jan. 9.
Wilber, Henry O., Chicago, Ill., assignor to Chicago Bridge & Iron Company. Support for seals for floating roof tanks. 2,538,067, Jan. 16.
Wilber, Paul F., assignee: *See*—
Lynch, William A.
Wilber, Paul F., Binghamton, N. Y. Record player. 2,555,910, June 5.
Wilber, Warren A., Albany, N. Y. Thermostatically controlled valve. 2,538,221, Jan. 16.
Wilberg, Ernest-Eberhard: *See*—
Neumann-Lezius, Hans, and Wilberg.
Wilbert, Charles P.: *See*—
Crew, John E., and Wilbert.
Wilborn, Walter R., Cincinnati, Ohio. Cream sediment tester. 2,536,406, Jan. 2.
Wilbur, Donald I., Warrenville, Ill., assignor to The Hallicrafters Co. Beat frequency oscillator. 2,556,993, June 12.
Wilbur, Paul C.: *See*—
Lindsay, Wesley N., and Wilbur.
Wilbur, Paul C., San Jose, Calif., assignor to Food Machinery and Chemical Corporation. Method of and apparatus for heat-treating evaporated milk. 2,536,115, Jan. 2.
Wilbur, Paul C., assignor to Food Machinery and Chemical Corporation, San Jose, Calif. Method and apparatus for heat-treating foodstuffs in containers. 2,536,116, Jan. 2.
Wilbur, Ruth N., New York, N. Y. Body encircling article. 2,574,678, Nov. 13.
Wilburn, Hugh H., The Dalles, Oreg. Well drilling machine. 2,558,202, June 26.
Wilcher, Claudius N., Sr.: *See*—
Logan, Henry A., and Wilcher.
Wilchinsky, Zigmond W., Washington, D. C., assignor, by mesne assignments, to the United States of America as represented by the Secretary of the Navy. Method and apparatus for measuring capacitance. 2,567,587, Sept. 11.
Wilckens, Eibe A., assignor to Crown Cork & Seal Company, Inc., Baltimore, Md. Apparatus for handling and coating strip material. 2,552,245, May 8.
Wilckens, Eibe A., and E. M. Magill, assignors to Crown Cork & Seal Company, Inc., Baltimore, Md. Intermittent variable-speed drive mechanism. 2,552,246, May 8.
Wilcock, Donald F., Saugus, Mass., and D. T. Hurd, Schenectady, N. Y., assignors to General Electric Company. Liquid polysiloxanes. 2,547,678, Apr. 3.
Wilcox, Albert C., Chicago, Ill. Vibrating drink mixer. 2,543,818, Mar. 6.
Wilcox, Albert C., Chicago, Ill. Interchangeable glass and metal vacuum coffee maker. 2,573,237, Oct. 30.
Wilcox, Albert C., Chicago, Ill. Combination automatic and pressure drip coffee maker. 2,575,777, Nov. 20.
Wilcox, Albert C., Chicago, Ill. Vacuum coffee maker. 2,576,432, Nov. 27.
Wilcox, Ernest A., Flushing, N. Y. Portable cleansing device for artificial dentures. 2,565,899, Aug. 28.
Wilcox, Ernest A., Flushing, N. Y. Portable cleansing device for artificial dentures. 2,568,838, Sept. 25.

Wilcox-Gay Corporation, assignee: *See*—
Cain, Robert M.
Wells, Lawrence V.
Wilcox, George R., Bernardston, assignor to Millers Falls Company, Greenfield, Mass. Hacksaw frame. 2,546,660, Mar. 27.
Wilcox & Gibbs Sewing Machine Company, assignee: *See*—
Tamburro, Francis P.
Wilcox, Granville M., Providence, and F. D'Angelo, assignors to P. W. Products Corporation, Esmond, R. I. Dabbing brush. 2,550,509, Apr. 24.
Wilcox, Granville M., Lincoln, and W. S. Johnson, assignors to M. L. Grant, Providence, R. I. Coin collecting and registering device. 2,555,176, May 29.
Wilcox, Harry A., and B. J. Midlock, Norwalk, assignors to Eastern Industries, Incorporated, East Norwalk, Conn. Vibration responsive control. 2,562,975, Aug. 7.
Wilcox, Isaac L., assignor to Oswego Falls Corporation, Fulton, N. Y. Conveyer control mechanism. 2,576,087, Nov. 20.
Wilcox, James F., Syracuse, N. Y., assignor to General Electric Company. Frequency modulation detector circuit. 2,550,510, Apr. 24.
Wilcox, James F., assignor of twenty per cent to Joseph E. Lanuti, Ottawa, Ill. Car Washing apparatus. 2,558,472, June 26.
Wilcox, Marion J., Harvey, Ill., assignor to Sinclair Refining Company, New York, N. Y. Stripping of oil from spent cracking catalyst. 2,541,801, Feb. 13.
Wilcox, Merlyn H., J. Downing, and J. G. N. Drewitt, Spondon, near Derby, England, assignors to Celanese Corporation of America. Manufacture of cellulose ethers. 2,553,695, May 22.
Wilcox, Ralph R., Jr., Pasadena, assignor to C. B. Mulholland, Jr., South Pasadena, Calif. Sprinkler valve. 2,546,574, Mar. 27.
Wilcox, Richard L., assignor to The Waterbury Farrel Foundry & Machine Company, Waterbury, Conn. Piercing nuts and other articles. 2,540,852, Feb. 6.
Wilcox, Richard L., assignor to The Waterbury Farrel Foundry & Machine Company, Waterbury, Conn. Making double chamfered nuts or the like. 2,547,801, Apr. 3.
Wilcox, Richard L., assignor to The Waterbury Farrel Foundry and Machine Company, Waterbury, Conn. Making socketed head screw blanks or the like. 2,559,140, July 3.
Wilcox, Richard L., assignor to The Waterbury Farrel Foundry and Machine Company, Waterbury, Conn. Making plain face nuts or the like. 2,572,793, Oct. 23.
Wild, Alfred, deceased, Milwaukee, Wis.; E. Wild, executrix. Electric steam iron. 2,564,415, Aug. 14.
Wild, Anthony M.: *See*—
McCombie, John T., Mann, and Wild.
Wild, Elizabeth, executrix: *See*—
Wild, Alfred.
Wild, Henry, Surveying Instruments Supply Co. Ltd., assignee: *See*—
Bertele, Ludwig.
Wild, Rudolf F.: *See*—
Culver, Donald C., Wild, Harrison, and Wills.
Wild, Rudolf F., Wilmington, Del., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Measuring and controlling apparatus. 2,550,030, Apr. 24.
Wild, Rudolf F., Philadelphia, Pa., assignor, by mesne assignments, to Minneapolis-Honeywell Regualtor Company, Minneapolis, Minn. Telautograph system. 2,557,329, June 19.
Wild, Rudolf F., Philadelphia, Pa., assignor, by mesne assignments, to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Phase sensitive measuring and controlling apparatus. 2,569,268, Sept. 25.
Wild, Rudolf F., Philadelphia, Pa., assignor, by mesne assignments, to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Voltage control system utilizing frequency modulation. 2,569,791, Oct. 2.
Wild, Rudolf F., Wilmington, Del., and F. J. Curran, Philadelphia, Pa., assignors, by mesne assignments, to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Control apparatus. 2,570,739, Oct. 9.
Wild, Rudolf F., Wilmington, Del., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Ripple-free phase sensitive rectifier. 2,572,794, Oct. 23.
Wildberg, Leslie K., Shaker Heights, Ohio. Closure operated switch for fuel tanks. 2,543,214, Feb. 27.
Wilde, Cecil B. Compton, Calif., assignor to Stauffer Chemical Company. Producing crystalline sulfur. 2,562,158, July 24.
Wilder, Marshall P., Stamford, Conn., assignor to Remington Rand Inc., New York, N. Y. Image storage device. 2,550,316, Apr. 24.
Wilder, Marshall P., Stamford, Conn., assignor to Remington Rand Inc., New York, N. Y. Sealing glass to metal. 2,579,222, Dec. 18.
Wilder, Marshall P., Stamford, Conn., assignor to Remington Rand Inc., New York, N. Y. Making an image storage screen. 2,579,772, Dec. 25.
Wilder, Richard S.: *See*—
Martin, George D., and Wilder.
Wilder, Richard S., Roslyn, Pa., and D. F. Herman, Newark, N. J., assignors to Publicker Industries Inc., Philadelphia, Pa. Polymeric compositions from vinyl tertiary hydroxy ketones and preparation thereof. 2,540,153, Feb. 6.
Wilder, Richard S., Elkins Park, and G. D. Martin, Upper Darby, assignors to Publicker Industries Inc., Philadelphia, Pa. Halogen derivatives of tetrahydrophthalic acid and producing same. 2,550,744, May 1.
Wilder, Richard S., Roslyn, and D. F. Herman, assignors to Publicker Industries Inc., Philadelphia, Pa. Vinyl t-hydroxy ketones. 2,550,745, May 1.
Wilder, Richard S., Penns Grove, N. J., assignor to Publicker Industries Inc., Philadelphia, Pa. Tertiary-hydroxy-alkylamino-anthraquinones. 2,563,144, Aug. 7.
Wilder, Samuel M., Philadelphia, Pa. Musical instrument mouthpiece. 2,557,489, June 19.
Wildermann, Otto: *See*—
Ensign, William B., and Wildermann.
Wildermuth, James A., Little Falls, N. Y., assignor to Cherry-Burrell Corporation, Chicago, Ill. Thermometer holder. 2,537,612, Jan. 9.
Wildey, Arthur T., Los Angeles, Calif. Evaporative cooling device. 2,566,276, Aug. 28.
Wildhaber, Ernest, Brighton, N. Y. Universal joint. 2,538,546, Jan. 16.
Wildhaber, Ernest, Brighton, assignor to Gleason Works, Rochester, N. Y. Producing toothed coupling members. 2,538,999, Jan. 23.
Wildhaber, Ernest, Brighton, N. Y. Variable stroke engine. 2,539,880, Jan. 30.
Wildhaber, Ernest, Brighton, assignor to Gleason Works, Rochester, N. Y. Clutch tooth. 2,558,203, June 26.
Wildhaber, Ernest, Brighton, N. Y. Friction drive. 2,563,895, Aug. 14.
Wildhaber, Ernest, Brighton, N. Y. Adjustable friction drive. 2,563,896, Aug. 14.
Wildhaber, Ernest, Brighton, N. Y. Gear drive. 2,565,539, Aug. 28.
Wildhack, William A., Arlington, Va. Oxygen mask for pressure breathing. 2,551,653, May 8.
Wildhack, William A., Arlington, Va. Mechanoelectric transducer. 2,564,416, Aug. 14.
Wildhack, William A., Arlington, Va. High-pressure liquid oxygen converter. 2,576,984, Dec. 4.
Wildhack, William A., Arlington, Va. Liquid oxygen converter. 2,576,985, Dec. 4.
Wildman, Verne, assignor to The American Welding & Manufacturing Company, Warren, Ohio. Adjustable and yieldable male bending die. 2,568,691, Sept. 18.
Wildow, Paul W.: *See*—
Byrd, John F., and Wildow.
Wilds, Alfred L., assignor to Wisconsin Alumni Research Foundation, Madison, Wis. Preparing derivatives of 3-keto-Δ^4-etiocholenic acid. 2,538,611, Jan. 16.
Wiles, Elwood, assignee: *See*—
Fowler, Fred T.
Wiles, Elwood, Portland, Oreg. Sign cabinet. 2,558,599, June 26.
Wiley, Carl A., Yellow Springs, Ohio. Antenna with dielectric casing. 2,567,260, Sept. 11.
Wiley, Clifford J.: *See*—
Canady, Buel H., and Wiley.
Wiley, Fred E.: *See*—
Richardson, Henry M., and Wiley.
Wiley, John W., assignor to Armstrong Cork Company, Lancaster, Pa. Making mottled compressed cork articles. 2,547,989, Apr. 10.
Wiley, Ralph M.: *See*—
Serdynsky, Eugene D., Gowing, Wiley, and Havens.
Wiley, Robert D., Birmingham, Mich. Filter for fluids. 2,580,209, Dec. 25.
Wiley, Ronald B.: *See*—
Russell, Robert G., and Wiley.
Wiley, Verlis H., Kenmore, assignor, by mesne assignments, to Sylvania Electric Products Inc., New York, N. Y. High-frequency dummy antenna and power indicator. 2,565,900, Aug. 28.
Wilfley, A. R., & Sons, Inc., assignee: *See*—
Wilfley, Elmer R., and Aldred.
Wilfley, Elmer R., and J. L. Aldred, Jr., assignors to A. R. Wilfley & Sons, Inc., Denver, Colo. Centrifugal pump. 2,571,802, Oct. 16.
Wilger, Jerome P., assignor to Swift & Company, Chicago, Ill. Casing stripping machine safety device. 2,557,330, June 19.
Wilhelm, Edward A., assignor to Waterous Company, St. Paul, Minn. Universal gear case for rotary pumps. 2,549,652, Apr. 17.
Wilhelm, Fred C., Minneapolis, Minn. Apparatus for controlling the hardness of water. 2,541,732, Feb. 13.
Wilhelm, John H., Hamilton Beach, N. Y., assignor to Margon Corporation, Newark, N. J. Doll head with movable eyes. 2,546,682, Mar. 27.
Wilhelm, John H., Hamilton Beach, N. Y., assignor to Conmar Products Corporation, Newark, N. J. Method and apparatus for molding and trimming. 2,569,083, Sept. 25.
Wilhelm, Joseph F., Green Bay, Wis. Float gauge. 2,580,057, Dec. 25.
Wilhelm, Kurt E., Warren, R. I., assignor to United States Rubber Company, New York, N. Y. Controlling thread tension. 2,578,620, Dec. 11.

Wilhelm, Leland B.: *See*—
Schulze, Herman W., and Wilhelm.
Wilhem, Pierre F., Pittsburgh, Pa. Coin-controlled ball release mechanism for pool tables. 2,574,363, Nov. 6.
Wilk, Immanuel J., Evanston, and M. A. Spielman, Waukegan, assignors to Abbott Laboratories, North Chicago, Ill. Phenylation of methacrylic acid. 2,571,639, Oct. 16.
Wilke, Reuben A., Wausau, Wis. Metal ventilator or window structure. 2,556,407, June 12.
Wilken, Carl E., New Lebanon, assignor to The Lau Blower Company, Dayton, Ohio. Blower. 2,537,805, Jan. 9.
Wilken, George B., Escondido, Calif. Self-setting rodent trap. 2,575,435, Nov. 20.
Wilken, William A.: *See*—
Badgley, Robert F., Wilken, and Tietig.
Wilkening, Edward H., assignor to Elgin National Watch Company, Elgin, Ill. Self-winding watch impulse weight. 2,551,194, May 1.
Wilkening, Frederick W., Narbert, assignor to Wilkening Manufacturing Co., Philadelphia, Pa. Piston-ring expander. 2,564,744, Aug. 21.
Wilkening Manufacturing Co., assignee: *See*—
Wilkening, Frederick W.
Wilkens, Arno G. K.: *See*—
Roper, Charles G., and Wilkens.
Wilkens, Howard J., assignor to Sport Products Inc., Cincinnati, Ohio. Golf bag with hood attachment. 2,552,501, May 8.
Wilkenson, Erik A., and P. T. Faxén, assignors to Svenska Aeroplan Agtiebolaget, Linkoping, Sweden. Device for testing the deviation of instruments. 2,539,713, Jan. 30.
Wilkerson, James L., Phoenix, Ariz. Device for indicating excessive wear or heat to predetermined elements of vehicles. 2,554,764, May 29.
Wilkerson, Jefferson R.: *See*—
Lester, John M., and Wilkerson.
Wilkes, Gilbert, Chevy Chase, Md., assignor to the United States of America as represented by the Secretary of the Navy. Electronic attenuator for radar. 2,570,893, Oct. 9.
Wilkie, Charles W., Buffalo, assignor to Niagara Platers, Inc., North Tonawanda, N. Y. Portable wheeled carrier for domestic ironers. 2,555,722, June 5.
Wilkin, Lester A., East Chicago, Ill., assignor to Graver Tank & Mfg. Co., Inc. Liquid storage tank and seal mechanism. 2,542,444, Feb. 20.
Wilkin, Lewis G., Pleasant Ridge, Cincinnati, and R. F. Spiller, Urbana, Ohio, said Spiller assignor to said Wilkin. Clockless parking meter provided with coin view windows and key actuated release of coin to coin box. 2,571,082, Oct. 9.
Wilkins, David, Jr.: *See*—
Wilkins, John A., and D. Wilkins, Jr.
Wilkins, Edward L., Las Animas, Colo. Topping means for beet harvesters. 2,539,881, Jan. 30.
Wilkins, Floyd V., assignor to Servo-Tek Products Co., Inc., Paterson, N. J. Electronic motor speed control. 2,572,824, Oct. 23.
Wilkins, John A., and D. Wilkins, Jr., New York, N. Y. Spray gun. 2,566,392, Sept. 4.
Wilkins, Raymond A.: *See*—
Hetzler, Lewis R., and Wilkins.
Wilkins, Robert L., Indianapolis, Ind. Two-cycle double-acting engine. 2,569,269, Sept. 25.
Wilkins, Wendell, Ponca City, Okla. Collapsible dispensing spout. 2,546,052, Mar. 20.
Wilkinson, Edwin R., and T. H. Richardson, Baton Rouge, La., assignors to Standard Oil Development Company. Fire foam applicator. 2,545,983, Mar. 20.
Wilkinson, Frank, Southall, assignor to Electric & Musical Industries Limited, Hayes, Middlesex, England. Cursor mounting for radio receivers. 2,565,160, Aug. 21.
Wilkinson-Gresh, Inc., assignee: *See*—
Wilkinson, Theodore R.
Wilkinson, Harry, San Diego, Calif. Centric bite relator. 2,552,829, May 15.
Wilkinson, Harry R., Jr., New York, N. Y. Folding chair. 2,538,637, Jan. 16.
Wilkinson, Joseph M., and G. W. Pedlow, Easton, Pa., and R. F. Kleinschmidt, Belvidere, N. J., assignors to General Aniline & Film Corporation, New York, N. Y. α-(mononitro-monocyclic-aryl)-β-haloethyl lower alkyl ethers. 2,573,080, Oct. 30.
Wilkinson, Kenneth J. R., and C. J. Milner, Rugby, England, assignors to General Electric Company. Magnetic induction accelerator. 2,540,853, Feb. 6.
Wilkinson, Leonard A., assignor to Argus, Incorporated, Ann Arbor, Mich. Camera shutter and lens mount. 2,537,110, Jan. 9.
Wilkinson Sword Company Limited, The, assignee: *See*—
Knowles, Frederick W.
Wilkinson Sword Company, The, assignee: *See*—
Mathisen, Anders, and Randolph.
Wilkinson, Theodore R., assignor to Wilkinson-Gresh, Inc., St. Petersburg, Fla. Shelf for vehicle bodies. 2,568,046, Sept. 18.
Wilkinson, William C., Jr., Princeton, N. J., assignor to Radio Corporation of America. Scanning antenna system. 2,576,182, Nov. 27.
Wilkinson, William T., executor: *See*—
Jones, Lewis
Wilks, Karl W., Jr., and G. W. Wolcott, assignors to Penn Aircraft Products, Incorporated, Dayton, Ohio. Flaring tool. 2,563,088, Aug. 7.
Wilks, Walter, Chicago, Ill. Double-ended clothespin. 2,573,125, Oct. 30.
Will, Theodore, assignor to Hom-Del Inc., Hollis, N. Y. Multivent container dispenser. 2,556,608, June 12.
Willach, Bernhard: *See*—
Rose, Alexander D., and Willach.
Willard, Carl L.: *See*—
Willard, J Jack and C. L.
Willard, Carl L. and J J., Lynwood, Calif. Feed helix. Re. 23,320, Jan. 2.
Willard, Donald E., Danville, Ill. Load transfer device. 2,572,552, Oct. 23.
Willard, Gerald W., Fanwood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Focusing ultrasonic radiator. 2,549,872, Apr. 24.
Willard, J Jack: *See*—
Willard, Carl L. and J J.
Willard, J Jack and C. L., Lynwood, Calif. Mobile aggregate-handling unit. 2,539,939, Jan. 30.
Willard, Robert P.: *See*—
Sinclair, James A., and Willard.
Willard Storage Battery Company, assignee: *See*—
Huntsberger, Herbert D.
Raney, Robert M.
Smyth, John R.
Zachlin, Anthony C.
Willauer, Earl E., Cranford, N. J., assignor to Standard Oil Development Company. Deasphalting petroleum. 2,538,220, Jan. 16.
Will-Burt Company, The, assignee: *See*—
Baer, Edward G.
Willcox, Frederick P., Bethesda, Md., assignor to Graflex, Inc., Rochester, N. Y. Photographic shutter mechanism. 2,553,394, May 15.
Willcox, Frederick P., Bethesda, Md., assignor to General Aniline & Film Corporation, New York, N. Y. Electrically operated photographic shutter. 2,572,229, Oct. 23.
Willemyns, Maurice: *See*—
Egalon, Roger, Vanhille, and Willemyns.
Willenoorg, Walter J., Weehawken, N. J. Electric annealing apparatus. 2,574,606, Nov. 13.
Willens, Arthur F.: *See*—
Willens, Paul M. and A. F., and Eason.
Willens, Paul M. and A. F., and I. Eason, Miami Beach, Fla. Folding cot. 2,542,744, Feb. 20.
Willett, Harry B., Indianapolis, Ind. Automatic reciprocating crosswise feeder for oscillating platen presses. 2,565,459, Aug. 21.
Willett, Leon E., assignor to Chamberlin Company of America, Detroit, Mich. Metal screen frame. 2,537,109, Jan. 9.
Willey, Grant S., assignor to United States Gypsum Company, Chicago, Ill. Digesting lignocellulose with a rosin soap. 2,538,742, Jan. 16.
Willhauck, Augustus D., Stoneham, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Machine for turning the platform covers of platform shoes. 2,574,680, Nov. 13.
Willhelm, Oscar, New London, Conn., assignor to Durham-Enders Razor Corporation. Safety razor. 2,580,058, Dec. 25.
Williams, Alan F.: *See*—
Jennings, Raymond J. S., and Williams.
Williams, Albert J., Jr.: *See*—
Stein, Irving M., Williams, and Clark.
Williams, Albert J., Jr., assignor to Leeds and Northrup Company, Philadelphia, Pa. System for measurement of small currents. 2,547,105, Apr. 3.
Williams, Alfred L. W., Cleveland Heights, assignor to The Brush Development Company, Cleveland, Ohio. Hydraulic electromechanical transducer. 2,565,158, Aug. 21.
Williams, Alfred L. W., Cleveland Heights, assignor to The Brush Development Company, Cleveland, Ohio. Focused electromechanical device. 2,565,159, Aug. 21.
Williams, Alfred L. W., Cleveland Heights, assignor to The Brush Development Company, Cleveland, Ohio. Magnetic recorder-reproducer device of the disk type. 2,567,092, Sept. 4.
Williams, Alfred L. W., and S. J. Begun, Cleveland Heights, assignors to The Brush Development Company, Cleveland, Ohio. Magnetic recording and reproducing. 2,554,354, May 22.
Williams, Alfred O., Battle Creek, assignor to Clark Equipment Company, Buchanan, Mich. Rail car truck. 2,561,549, July 24.
Williams, Arthur, Munster, Ind., assignor to Combustion Engineering-Superheater, Inc. Water tube firebox for locomotive boilers. 2,578,332, Dec. 11.
Williams, Arthur G., Ashton, and D. M. Moore, Bristol, assignors to Isometric Projections Limited, London, England. Drawing appliance. 2,553,026, May 15.
Williams, Benjamin M.: *See*—
Rushing, Fred L., and Williams.
Williams, Beverly E., assignor, by mesne assignments, to Swift & Company, Chicago, Ill. Meat aging unit. 2,560,057, July 10.
Williams, Beverly E., and A. R. Redrow, assignors to Swift & Company, Chicago, Ill. Refrigerated transit van. 2,570,415, Oct. 9.

Williams, Burton H., assignee: *See*—
Bian, John T.
Williams, C. K., & Co., assignee: *See*—
Ayers, Joseph W.
Frayne, Clifford G.
Williams, Calvin D., Cloquet, Minn. Trailer hitch. 2,547,299, Apr. 3.
Williams, Charles H., assignor of thirty-nine one-hundredths to L. W. Randall, and ten one-hundredths to I. C. Tengesdahl, Bridgeport, Conn. Shears. 2,579,773, Dec. 25.
Williams, Charles R., Lakewood, assignor to American Screw Company, Providence, R. I. Threaded fastener. 2,562,516, July 31.
Williams, Charlton H., assignor to Swift Manufacturing Company, Columbus, Ga. Draw-cord weaving mechanism for textile looms. 2,536,247, Jan. 2.
Williams, Chester, Ypsilanti, Mich. Braking device for towed vehicles. 2,562,008, July 24.
Williams, Coleman S.: *See*—
Newcomer, Martin, and Williams.
Williams Company, The, assignee: *See*—
Hood, Richard P., and Gebhardt.
Williams, David C., Big Stone Gap, Va. Ice-cream freezer 2,568,839, Sept. 25.
Williams, David C., Needham Heights, assignor to MacGregor Instrument Company, Needham, Mass. Cartridge syringe, including a cannula attaching chuck. 2,577,556, Dec. 4.
Williams, David I., and Jake Rajeska, Spokane, Wash. Grapple. 2,558,114, June 26.
Williams, David L., Hobson, Mont. Space apportioning divider for beds. 2,563,570, Aug. 7.
Williams, David M., Bushnell, Ill. Rail car safety reflector. 2,551,193, May 1.
Williams, Donald R., Dearborn, and R. B. Kizer, Melvindale, Mich. Air-cooling device. 2,546,661, Mar. 27
Williams, Edgar H.: *See*—
Newkirk, William B., Williams, Rietz, and Dunwody.
Williams, Edmond G.: *See*—
Burness, Alexander, and Williams.
Williams, Edward F., Newton, and W. J. Brayden, Maynard, Mass. Fast speed fluid treatment of running lengths of fabric. 2,537,290, Jan. 9.
Williams, Edward R., assignor of one-half to E. E. Williams, Pittsburgh, Pa. Treating water. 2,543,562, Feb. 27.
Williams, Ella E., assignee: *See*—
Williams, Edward R.
Williams, Elmer R., Tulsa, Okla. Oil and water separtor. 2,562,653, July 31.
Williams, Emory C., Fort Payne, Ala. Collapsible toilet seat top. 2,557,713, June 19.
Williams, Ernest, Kankakee, Ill. Furnace cleaning shovel. 2,572,230, Oct. 23.
Williams, Ernest, and B. Whitehead, Tunbridge Wells, and J. P. Mercer, assignors to E. C. D. Limited, Tonbridge, England. Injector apparatus. 2,575,646, Nov. 20.
Williams, Eugene D., assignor to The Parker Appliance Company, Cleveland, Ohio. Port sealing unit for valve assemblies. 2,556,668, June 12.
Williams, Everard M., Dayton, Ohio. Combined search receiver and radio jamming system. 2,567,261, Sept. 11.
Williams, Everard M., State College, Pa. Panoramic receiver. 2,538,068, Jan. 16.
Williams, Everard M., State College, Pa., assignor to the United States of America as represented by the Secretary of War. Radio transmitter-receiver jamming system. 2,538,069, Jan. 16.
Williams, Everard M., State College, Pa. Proportional control system. 2,565,540, Aug. 28.
Williams, Frances M., executrix: *See*—
Jones, Douglas E., Ransley, Ryde, and Williams.
Williams, Franklin C., Huntington Station, and F. M. Brown, assignors to Eastman Kodak Company, Rochester, N. Y. Making color prints. 2,566,277, Aug. 28.
Williams, Fred T.: *See*—
Williams, William G. and F. T.
Williams, Frederic C.: *See*—
Taylor, Maurice K., Williams, and Carter.
Williams, Frederic C., Timperley, England. Electron-discharge tube circuit arrangement. 2,540,923, Feb. 6.
Williams, Frederic C., Timperley, England. Wireless signaling system. 2,541,627, Feb. 13.
Williams, Frederic C., Timperley, England. Thermionic valve circuits. 2,549,873, Apr. 24.
Williams, Frederic C., Timperley, England. Electronic relay circuit arrangement. 2,549,874, Apr. 24.
Williams, Frederic C., Timperley, and N. F. Moody, Cuffley, England. Thermionic valve circuits. 2,549,875, Apr. 24.
Williams, Frederic C., Timperley, England. Time base circuit arrangement. 2,555,837, June 5.
Williams, Frederic C., Timperley, and A. L. Llewelyn, Great Malvern, England. Radio scanner control. 2,559,834, July 10.
Williams, Frederick D. M., Nobel, assignor to A. V. Roe Canada Limited, Malton, Ontario, Canada. Multiple fuel jet burner and torch igniter unit with fuel vaporizing tubes. 2,541,900, Feb. 13.
Williams, Frederick D. M., Nobel, assignor to A. V. Roe Canada Limited, Malton, Ontario, Canada. Vaporizer system for combustion chambers. 2,548,087, Apr. 10.
Williams, George R., United States Navy. Engine timing device. 2,577,835, Dec. 11.
Williams, George W., assignee: *See*—
Ames, Robert G.
James, Lorenzo D.
Williams, Glenn C.: *See*—
Hottel, Hoyt C., and Williams.
Williams, Gurdon H., Haddonfield, N. J., assignor to Radio Corporation of America. Automatic step control of current. 2,540,638, Feb. 6.
Williams, Gurdon H., Haddonfield, N. J., assignor to Radio Corporation of America. Making high voltage condensers. 2,559,141, July 3.
Williams, Harold M., Toronto, Ontario, Canada. Soap solution dispenser. 2,564,618, Aug. 14.
Williams, Harold R., Cleveland, Ohio. Soldering flux compositions. 2,553,226, May 15.
Williams, Harold W., Pawling, N. Y. Bottle stopper. 2,549,404, Apr. 17.
Williams, Harry E., assignor to Williams Patent Corporation, Chicago, Ill. Combination antitilt and restoring circuit for amusement game apparatus. 2,544,945, Mar. 13.
Williams, Harry S., North Little Rock, Ark., assignor of one-third to J. D. and I. J. Averill, one-third to R. E. and C. Zinn, and one-third to C. H. Truog, Columbus, Kans. Combination bicycle, tricycle, and exerciser. 2,541,952, Feb. 13.
Williams, Harvey A., Davison, Mich. Gun sight mounting. 2,578,386, Dec. 11.
Williams, Harvey L., Hadlyme, Conn. Watertight slide fastener. 2,557,163, June 19.
Williams, Herbert J., assignor to Bendix-Westinghouse Automotive Air Brake Company, Elyria, Ohio. Lock for brake slack adjusters. 2,558,115, June 26.
Williams, Hughes E., Waco, Tex. Handling concrete forms. 2,576,375, Nov. 27.
Williams, Ira: *See*—
Bertorelli, Orlando L., and Williams.
Williams, J. B., Company, The, assignee: *See*—
Guest, Herbert H.
Williams, J. H., & Co., assignee: *See*—
Kress, Willard C.
Williams, James D.: *See*—
Kendall, Ray, and Williams.
Williams, James D., assignor to The Warner & Swasey Company, Cleveland, Ohio. Induction hardening of ways of machine tools. 2,574,855, Nov. 13.
Williams, James E., Jr., Hillsboro, Ohio. Temple ruler. 2,576,659, Nov. 27.
Williams, James L., Lamesa, Tex. Smoker's appliance. 2,572,415, Oct. 23.
Williams, James T., Minneapolis, and K. F. Riese, St. Paul, Minn., said Riese assignor to said Williams. Means associated with coin-controlled automatic phonographs to play short advertising records. 2,550,315, Apr. 24.
Williams, James W., 3rd: *See*—
Yarnall, David R., and Williams.
Williams, Jesse D., Jr., Shively, assignor to Henry Vogt Machine Company, Louisville, Ky. Timer. 2,568,906, Sept. 25.
Williams, John C., Oakland, Calif. Valve. 2,577,391, Dec. 4.
Williams, John C., Slough, and I. S. Winby, deceased, late of Cockham Dean, near Maidenhead, England, by H. A. Kemle, London, and J. L. Thompson, Laleham-on-Thames, executors, assignors to High-Pressure Components Limited, London, England. Coupling for flexible pipes. 2,552,077, May 8.
Williams, John, Co. Inc., assignee: *See*—
Williams, John R., and Forte.
Williams, John E., Atlantic City, N. J. Push-pull differential electronic amplifier. 2,543,819, Mar. 6.
Williams, John E., Atlantic City, N. J. Double-bridge push-pull differential amplifier. 2,545,507, Mar. 20.
Williams, John E., Chicago, Ill. Key container. 2,546,413, Mar. 27.
Williams, John E., United States Navy, Atlantic City, N. J. Differential electronic amplifier. 2,579,528, Dec. 25.
Williams, John H., Barrington, assignor to Oak Mfg. Co., Chicago, Ill. Electric switch. 2,554,724, May 29.
Williams, John H., Barrington, assignor to Oak Mfg. Co., Chicago, Ill. Index mechanism. 2,558,502, June 26.
Williams, John J., and J. H. Rast, Charleston, S. C. Bandage roller. 2,571,175, Oct. 16.
Williams, John R., Ambler, assignor to Selas Corporation of America, Philadelphia, Pa. Gas burner and flame shield. 2,559,527, July 3.
Williams, John R., Rahway, and J. F. Forte, Irvington, N. J.; said Forte assignor to John Williams Co. Inc. Vinyl plastic sealing cement. 2,553,124, May 15.
Williams, John W., and H. F. Deutsch, assignors to Wisconsin Alumni Research Foundation, Madison, Wis. Process of preparing antibody-rich globulin fractions. 2,543,215, Feb. 27.
Williams, Joseph C., Santa Monica, Calif. Balcony sleeper. 2,555,773, June 5.
Williams, Joseph M., Attleboro Falls, assignor to Metals & Controls Corporation, Attleboro, Mass. Gold alloys. 2,576,738, Nov. 27.
Williams, Joseph M., Attleboro Falls, assignor to Metals & Controls Corporation, Attleboro, Mass. Gold alloys. 2,576,739, Nov. 27.

Williams, Keith, assignee: *See*—
Spillane, Paul X.
Williams, Keith, Buffalo, N. Y. Friction shock absorbing mechanism. 2,540,561, Feb. 6.
Williams, Keith, Buffalo, N. Y. Hand brake holding and releasing mechanism. 2,546,081, Mar. 20.
Williams, Keith, Buffalo, N. Y. Buffing mechanism. 2,548,088, Apr. 10.
Williams, Keith, Buffalo, N. Y. Shock absorbing mechanism for railway draft riggings. 2,559,743, July 10.
Williams, Keith R.: *See*—
Richard, Leonard J., and Williams.
Williams, Lawrence S., assignor to Toledo Scale Company, Toledo, Ohio. Indicator drive for weighing scales. 2,537,947, Jan. 16.
Williams, Lawrence S., assignor to Todelo Scale Company, Toledo, Ohio. Rack drive frame. 2,537,948, Jan. 16.
Williams, Lawrence S., assignor to Toledo Scale Company, Toledo, Ohio. Hydraulic weighing scale. 2,549,273, Apr. 17.
Williams, Lawrence S., assignor to Toledo Scale Company, Toledo, Ohio. Pendulum weighing scale with tare setting means. 2,558,162, June 26.
Williams, Lawrence S., assignor to Toledo Scale Company, Toledo, Ohio. Keyboard for electrically actuated positioning devices. 2,566,278, Aug. 28.
Williams, Lawrence S., assignor to Toledo Scale Company, Toledo, Ohio. Indication projector for weighing scales. 2,570,621, Oct. 9.
Williams, Lawrence S., assignor to Toledo Scale Company, Toledo, Ohio. Pivot and bearing. 2,571,400, Oct. 16.
Williams, Lawrence S., assignor to Toledo Scale Company, Toledo, Ohio. Pivot and bearing. 2,578,957, Dec. 18.
Williams, Leonard E., Long Beach, Calif. Plate hanger. 2,559,057, July 3.
Williams, Lydia K., White Lake, S. Dak. Seam ripping attachment for sewing machines. 2,580,146, Dec. 25.
Williams, Lyle C., assignee: *See*—
Koertge, Ray A., and Preston.
Williams, Lynn A., Jr., Northfield, assignor to Stewart-Warner Corporation, Chicago, Ill. Combustion turbine having mixing tube to aspirate, compress, and preheat the air-fuel mixture. 2,542,953, Feb. 20.
Williams, Malcolm C., Fort Erie, Ontario, Canada. Fishing bait. 2,560,835, July 17.
Williams, Malcolm C., North Hollywood, and F. L. Willis, La Crescenta, Calif.; said Willis assignor to said Williams. Coded card handling machine. 2,564,089, Aug. 14.
Williams, Marshall: *See*—
Kirtner, Bud E., Barker, Williams, and Jackson.
Williams, Norman H., assignor, by mesne assignments, to Humphreys & Glasgow Limited, Westminster, England. Manufacture of water gas or gas consisting largely of carbon monoxide and hydrogen. 2,556,019, June 5.
Williams Patent Corporation, assignee: *See*—
Williams, Harry E.
Williams, Paul E., Millville, N. J., assignor of one-half to G. A. Wagner, Philadelphia, Pa. Record selecting and ejecting device. 2,539,647, Jan. 30.
Williams, Paul H.: *See*—
Davidson, John T., Williams, and Lehman.
Williams, Perry, assignee: *See*—
Lewis, Oscar, and Kabisch.
Williams, Philip S., Tulsa, Okla., assignor to Standard Oil Development Company. Hydraulic system for measuring differences in elevation. 2,557,021, June 12.
Williams, Philip S., Tulsa, Okla., assignor to Standard Oil Development Company. Shot pulse recording in reflection seismography. 2,557,714, June 19.
Williams, Platt S., assignor of one-third to F. P. Cleary, Long Beach, Calif. Telescope gun sight mounting. 2,545,419, Mar. 13.
Williams, R. W., assignee: *See*—
Shirley, Harry C.
Williams, Ralph R., Detroit, Mich. Circuit for coupling an antenna of a television receiver to a pair of power line wires and balancing out unwanted signal reflections present in the wires. 2,562,654, July 31.
Williams, Ray M., Mexico, Mo. Fishing pole holder. 2,573,635, Oct. 30.
Williams, Ray S., Orrville, Ohio, assignor, by mesne assignments, to Hagan Corporation, Pittsburgh, Pa. Pilot valve. 2,540,467, Feb. 6.
Williams, Raymond H., assignor to White Cap Company, Chicago, Ill. Pry type jar cap remover. 2,571,401, Oct. 16.
Williams, Richard P.: *See*—
Baizer, Manuel M., and Williams.
Williams, Robert A., assignor to McClintock Manufacturing Company, Los Angeles, Calif. Paper roll holder. 2,568,877. Sept. 25.
Williams, Robert C., assignor to The Ironsides Company, Columbus, Ohio. Lubricant metal-rolling composition. 2,565,938, Aug. 28.
Williams, Robert J., Hackensack, N. J., and A. C. Finalborgo, assignors to Sun Chemical Corporation, New York, N. Y. Steam applicator. 2,574,900, Nov. 13.
Williams, Robert M., Toledo, Ohio, assignor to Packard Motor Car Company, Detroit, Mich. Turbine. 2,556,020, June 5.
Williams, Robert M., Toledo, Ohio, assignor to Packard Motor Car Company, Detroit, Mich. Accessory drive for turbo-jet engines. 2,566,049, Aug. 28.
Williams, Rollin H., assignee: *See*—
Shankweiler, Hiram E.
Williams, Roy C., Wayne, Ohio. Oil well pump plunger. 2,539,000, Jan. 23.
Williams, Rudolph, New York, N. Y. Article holding clip. 2,547,424, Apr. 3.
Williams, Russell A., Sr., Johnson City, N. Y. Machine for hard boiling and shelling of eggs. 2,575,608, Nov. 20.
Williams, Russell J.: *See*—
Brady, Charles V., and Williams.
Williams, Samuel B., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Digital computer. 2,538,636, Jan. 16.
Williams, Samuel B., Brooklyn, N. Y., assignor to The National Cash Register Company, Dayton, Ohio. Electro-mechanical storage mechanism. 2,540,226, Feb. 6.
Williams, Samuel L., New York, N. Y., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake mechanism. 2,561,454, July 24.
Williams, Selden T., Bellerose, N. Y., assignor to Scovill Manufacturing Company, Waterbury, Conn. Hose clamp tool. 2,554,477, May 22.
Williams, Selden T., Bellerose, N. Y., assignor to Scovill Manufacturing Company, Waterbury, Conn. Hose clamp. 2,554,478, May 22.
Williams, Stanley N., executor: *See*—
Potts, Clyde.
Williams, Stanley V.: *See*—
Jones, Douglas E., Ransley, Ryde, and Williams.
Williams, Sterry B., United States Navy. Rudder pedal adjustment. 2,562,974, Aug. 7.
Williams, Sumner H., Charlotte, N. C., assignor to General Dyestuff Corporation, New York, N. Y. Apparatus for dyeing and after treating fibers. 2,552,078, May 8.
Williams, Thomas F., Tamaqua, Pa. Sharpener for flexible double-edged razor blades. 2,560,201, July 10.
Williams, Thomas P., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Brazing and removing excess brazing material. 2,566,011, Aug. 28.
Williams, Victor G., assignor, by mesne assignments, to Delamere & Williams Company, Limited, Toronto, Ontario, Canada. Tagging device. 2,556,383, June 12.
Williams, Victor G., W. Wood, and L. G. Bateman, assignors, by mesne assignments, to Delamere & Williams Company, Limited, Toronto, Ontario, Canada. Transfer apparatus. 2,556,382, June 12.
Williams, William, Emery Park, and F. F. Brown, Tucson, Ariz. Clearance switch for automobiles. 2,557,490, June 19.
Williams, William, Santa Fe, N. Mex. Pictorial view device. 2,551,818, May 8.
Williams, William A., assignor to The American Pulley Company, Philadelphia, Pa. Reverse rotation check means. 2,543,482, Feb. 27.
Williams, William A., assignor to The American Pulley Company, Philadelphia, Pa. Hardness tester. 2,544,205, Mar. 6.
Williams, William A., assignor to The American Pulley Company, Philadelphia, Pa. Adjustable diameter pulley. 2,545,327, Mar. 13.
Williams, William A., assignor to The American Pulley Company, Philadelphia, Pa. Adjustable pulley. 2,550,511, Apr. 24.
Williams, William A., assignor to The American Pulley Company, Philadelphia, Pa. Overload release mechanism. 2,554,969, May 29.
Williams, William G. and F. T., Rogue River, Oreg. Tire remover with circumferentially delivered thrust. 2,539,983, Jan. 30.
Williams, William R., assignor to D. H. Brubaker, Tampa, Fla. Radiator lift. 2,576,660, Nov. 27.
Williams, William W.: *See*—
Strobel, Albert F., and Williams.
Williamson, Benjamin F., Los Angeles, and A. W. St. Jacques, Glendale, Calif.; said St. Jacques assignor to said Williamson. Electric shaver or razor. 2,555,621, June 5.
Williamson, Bert, and B. Hunsaker, Visalia, Calif.; said Hunsaker assignor to said Williamson. Phonograph turntable drive. 2,564,290, Aug. 14.
Williamson, Boyce, Birmingham, Ala., assignor to Ingalls Shipbuilding Corporation. Bow construction for barges and the like. 2,546,353, Mar. 27.
Williamson, Colin M., Reading, England. Web severing apparatus. 2,537,499, Jan. 9.
Williamson, George F.: *See*—
Jones, Edward M., and Williamson.
Williamson, Hilding V., Chicago, Ill., and E. R. Aller, Ogden Dunes, Ind., assignors to Cardox Corporation, Chicago, Ill. Refrigerating apparatus for transport vehicles and the like. 2,536,241, Jan. 2.
Williamson, Hilding V., and J. C. Hesson, assignors to Cardox Corporation, Chicago, Ill. Apparatus and method for vaporizing carbon dioxide. 2,539,291, Jan. 23.
Williamson, Hilding V., Chicago, and J. L. Gring, Homewood, assignors to Cardox Corporation, Chicago, Ill. Extinguishing or preventing fires. 2,551,919, May 8.

Williamson, Hilding V., and J. C. Hesson, assignors to Cardox Corporation, Chicago, Ill. Carbon dioxide tank cover for railway refrigerator cars. 2,556,354, June 12.
Williamson, James, Schenectady, N. Y., assignor to General Electric Company. Freezing tray. 2,577,392, Dec. 4.
Williamson, James C., Albany, Ga. Combination Venetian blind and awning. 2,570,018, Oct. 2.
Williamson, James M.: *See*—
Jack, Delbert E., and Williamson.
Williamson, John W., Los Angeles, Calif. Rotary chopper-type hay breaker. 2,549,876, Apr. 24.
Williamson, Larkin R., Montclair, N. J. Press brake crank bearing structure. 2,536,674, Jan. 2.
Williamson, Loyal A., Jr., Los Angeles, and J. L. Byrne, Gardena, assignors to Northrop Aircraft, Inc., Hawthorne, Calif. Airplane cabin cooling system. 2,575,541, Nov. 20.
Williamson, Marshall I., assignor to National Folding Box Company, Inc., New Haven, Conn. Folding box. 2,536,990, Jan. 2.
Williamson, Marshall I., assignor to National Folding Box Company, Inc., New Haven, Conn. Carrier for bottles, cans, or similar articles. 2,540,065, Jan. 30.
Williamson, Marshall I., assignor to National Folding Box Company, Inc., New Haven, Conn. Bottle carrier. 2,540,066, Jan. 30.
Williamson, Marshall I., assignor to National Folding Box Company, Inc., New Haven, Conn. Carrier for bottles, cans, or similar articles. 2,540,067, Jan. 30.
Williamson, Marshall I., assignor to National Folding Box Company, Inc., New Haven, Conn. Wire handle for bottle carriers. 2,540,068, Jan. 30.
Williamson, Marshall I., assignor to National Folding Box Company, Inc., New Haven, Conn. Bottle carrier. 2,558,712, June 26.
Williamson, Marshall I., assignor to National Folding Box Company, Inc., New Haven, Conn. Bottle carrier. 2,558,713, June 26.
Williamson, Marshall I., assignor to National Folding Box Company, Inc., New Haven, Conn. Bottle Carrier. 2,558,714, June 26.
Williamson, Marshall I., assignor to National Folding Box Company, Inc., New Haven, Conn. Multicompartment folding carton. 2,558,715, June 26.
Williamson, Marshall I., New Haven, Conn. Container with integral snapping closure fastener. 2,576,708, Nov. 27.
Williamson, Marshall I., New Haven, and H. A. Carruth, Northford, Conn., assignors, by mesne assignments to National Folding Box Company, Incorporated. Sealed container with hinged cover. 2,543,084, Feb. 27.
Williamson, Thomas F. M., San Francisco, assignor to A. H. Isenberg, Woodside, Calif. Anchor for pipes. 2,546,533, Mar. 27.
Williford, Oscar H.: *See*—
Busch, Aloysius J., and Williford.
Willihnganz, Eugene, Buffalo, N. Y., assignor to National Battery Company, St. Paul, Minn. Electrochemical cell diaphragm. 2,569,361, Sept. 25.
Willing, Joseph E., and G. E. Duffy, Sr., assignors to General Railway Signal Company, Rochester, N. Y. Spring holder for permanent magnets. 2,536,244, Jan. 2.
Willis, Addison O., Columbus, Ohio, assignor to Curtiss-Wright Corporation. Aircraft enclosure operating means. 2,570,622, Oct. 9.
Willis, Charles W., Lynn, Ala. Mounting for jettisonable aircraft engines. 2,577,058, Dec. 4.
Willis, E. J., Company, The, assignee: *See*—
Smeallie, Robert D.
Willis, Edward E., and M. S. Hewins, Hazel Park, Mich. Telescopic sight mount. 2,567,535, Sept. 11.
Willis, Edward V., Port Washington, N. Y. Spinnaker sail. 2,544,770, Mar. 13.
Willis, Ellsworth D.: *See*—
Moore, Milford B., Willis, and Ginther.
Willis, Floyd L.: *See*—
Williams, Malcolm C., and Willis.
Willis, Grant N.: *See*—
Clary, Frank A., Jr., and Willis.
Willis, Henry G., Wilmington, Del. Combination deposit and cash slip. 2,576,164, Nov. 27.
Willis, Marvin W., Tahlequah, Okla. Combination measuring instrument for layout work. 2,575,697, Nov. 20.
Willis, Maurice B., Haddonfield, N. J., assignor of one-third to C. C. Morrison, and one-third to R. Kubach, Philadelphia, Pa. Printing device for producing graphs, prints, or the like. 2,549,150, Apr. 17.
Willis, Paul, assignor of one-third to E. P. Kelly, Chicago, Ill., and one-third to W. H. Sale, Richmond, Va. Wear plate for unit brake brackets. 2,553,345, May 15.
Willis, Thomas J., and W. A. Smith, Greenwood, S. C. Tension apparatus for loom warp yarns. 2,551,920, May 8.
Willis, Thomas J., and W. A. Smith, Greenwood, S. C. Apparatus for controlling tension in warp yarns. 2,571,509, Oct. 16.
Willis, Thomas J., and W. A. Smith, Greenwood, S. C. Tension control for warp yarns. 2,571,510, Oct. 16.
Willison, Donald, assignor to National Malleable and Steel Castings Company, Cleveland, Ohio. Draft rigging. 2,546,488, Mar. 27.
Willison, Donald, Shaker Heights, assignor to National Malleable and Steel Castings Company, Cleveland, Ohio. Draft rigging. 2,546,485, Mar. 27.
Willison, Donald, Shaker Heights, assignor to National Malleable and Steel Castings Company, Cleveland, Ohio. Draft rigging. 2,546,486, Mar. 27.
Willison, Donald, Willoughby, assignor to National Malleable and Steel Castings Company, Cleveland, Ohio. Journal box end thrust means. 2,568,530, Sept. 18.
Willison, Donald, Shaker Heights, and H. L. Spence, East Cleveland, assignors to National Malleable and Steel Castings Company, Cleveland, Ohio. Draft rigging. 2,546,487, Mar. 27.
Willison, Floyd E., assignor to The Glenn L. Martin Company, Middle River, Md. Paint supply system. 2,542,855, Feb. 20.
Willits, Charles O., North Hills, and W. L. Porter, Philadelphia, Pa., assignors to the United States of America as represented by the Secretary of Agriculture. Producing maple sirup concentrate. 2,549,877, Apr. 24.
Willits, Dale E.: *See*—
Fox, Clifton C., and Willits.
Willke, Herbert L., Toledo, Ohio, assignor to The National Supply Company, Pittsburgh, Pa. Air chamber for slush pumps. 2,550,435, Apr. 24.
Willke, Louis G., Barnsdall, Okla., and B. H. Rosen, Chicago Heights, Ill., and L. T. Smith, Pawhuska, assignors to Cities Service Oil Company, Bartlesville, Okla. Purification of methanol by azeotropic distillation. 2,561,680, July 24.
Willman, Philip E., Chicago, assignor to McGraw Electric Company, Elgin, Ill. Coffee maker. 2,570,997, Oct. 9.
Willman, Philip E., Chicago, assignor to McGraw Electric Company, Elgin, Ill. Coffee maker. 2,577,985, Dec. 11.
Willman, Richard C., Indianapolis, Ind., assignor to Radio Corporation of America. Supersonic whistle for code communication. 2,571,640, Oct. 16.
Willman, Walter, St. Petersburg, Fla., assignor to James Heddon's Sons, Dowagiac, Mich. Fishing reel. 2,579,353, Dec. 18.
Willmore, Charles B., North Aurora, assignor to William F. Jobbins, Inc., Aurora, Ill. Aluminum-magnesium casting alloys. 2,564,044, Aug. 14.
Willmore, Charles B., assignor to William F. Jobbins, Incorporated, Aurora, Ill. Aluminum base alloys. 2,568,179, Sept. 18.
Willmore, Charles B., North Aurora, assignor to William F. Jobbins, Incorporated, Aurora, Ill. Aluminum base alloys. 2,568,180, Sept. 18.
Willms, Frank F., East Rockaway, N. Y. Magnetic pickup. 2,547,990, Apr. 10.
Willms, Frank F., East Rockaway, N. Y. Mark-positioning devicee. 2,567,262, Sept. 11.
Willoughby, Anthony H.: *See*—
Duckett, Gerald C., and Willoughby.
Willoughby, Anthony H., Garston, Watford, England, assignor to General Electric Company. Circuits for operating electrical discharge devices. 2,549,353, Apr. 17.
Willoughby, Anthony H., Carston, Watford, England, assignor to General Electric Company. Electric discharge lamp. 2,561,898, July 24.
Willoughby, Anthony H., Watford, assignor to The General Electric Company, Limited, London, England. Circuit for operating electric discharge lamps. 2,557,809, June 19.
Willoughby, Eric O., London, England, assignor, by mesne assignments, to International Standard Electric Corporation, New York, N. Y. Wide frequency band antenna. 2,543,085, Feb. 27.
Willoughby, Eric O., London, England, assignor, by mesne assignments, to International Standard Electric Corporation, New York, N. Y. Antenna for broad frequency band operation. 2,559,693, July 10.
Willoughby, Harold S., assignee: *See*—
Burrows, John W.
Willoughby, William W., Hilton Village, Va., assignor to General Electric Company. Control mechanism. 2,539,217, Jan. 23.
Wills, Ervin E., Affton, Mo., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Switchboard. 2,542,853, Feb. 20.
Wills, Horace, Seattle, Wash. Storage battery hold-down and terminal contact device. 2,551,990, May 8.
Wills, John C., assignee: *See*—
Toby, Max E.
Wills, Lester E., Meridian, Miss. Rail support. 2,563,201, Aug. 7.
Wills, Mark A. A., Surbiton, England, assignor to E. F. White, West Hartford, Conn. Establishing the hardness of metal surfaces. 2,541,974, Feb. 13.
Wills, Walter P.: *See*—
Barnes, George W., Jr., Johnson, and Wills.
Culver, Donald C., Wild, Harrison, and Wills.
Wills, Walter P., Philadelphia, Pa., assignor, by mesne assignments, to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Measuring and controlling apparatus. 2,536,245, Jan. 2.
Wills, Walter P., Philadelphia, Pa., assignor by mesne assignments, to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Multiple recording instrument. 2,559,383, July 3.

Wills, Walter P., Philadelphia, Pa., assignor, by mesne assignments, to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Instrument casing for measuring and controlling apparatus. 2,574,203, Nov. 6.
Willsey, John C., Fort Wayne, Ind., assignor to General Electric Company. Multispeed motor. 2,570,894, Oct. 9.
Willson, Alfred B., East Hartford, Conn. Poultry and livestock inoculator. 2,575,648, Nov. 20.
Willson, Corwin D., Flint, Mich. House of solidified foam. 2,548,576, Apr. 10.
Willson, Corwin D., Flint, Mich. Cement bound aggregate masses. 2,553,618, May 22.
Willson, Corwin D., Flint, Mich. Mobile dwelling. 2,577,836, Dec. 11.
Willson, David S., Muskegon Heights, Mich., assignor to John Wood Manufacturing Company, Inc., Philadelphia, Pa. Fluid dispensing apparatus. 2,537,869, Jan. 9.
Willson, David S., Muskegon Heights, Mich., assignor to John Wood Manufacturing Company, Inc., Philadelphia, Pa. Register locking means. 2,547,741, Apr. 3.
Willson, David S., Muskegon Heights, Mich., assignor to John Wood Manufacturing Company, Inc., Philadelphia, Pa. Wabble plate for nutating type fluid meters. 2,565,287, Aug. 21.
Willson Products, Inc., assignee: *See*—
Bethig, Eric A.
Coull, Wallace W.
Tanis, Thomas P.
Willys-Overland Motors, Inc., assignee: *See*—
Benning, Walter F.
Roos, Delmar G.
Schassberger, Norman A.
Wilmot-Breeder Limited, assignee: *See*—
Whitehead, Robert.
Wilmot Castle Company, assignee: *See*—
Greppin, Ernest H.
Wilmot, Charles H.: *See*—
Flood, James E., Fitzgerald, and Wilmot.
Wilmot, Harold, Surrey, and C. S. Smith, Suffolk, England. Apparatus for the surface treatment of girders or other bars. 2,557,624, June 19.
Wilmotte, Raymond M., Inc., assignee: *See*—
De Mars, Paul A.
Wilmotte, Raymond M., Washington, D. C., H. J. Cameron, New Rochelle, and L. L. Young, New York, N. Y., said Cameron and said Young assignors to said Wilmotte. High-frequency dielectric heating. 2,565,161, Aug. 21.
Wilmotte, Raymond M., Washington, D. C., and C. X. Castle, Silver Spring, Md., assignors to Padevco, Inc., Washington, D. C. Circuit stabilizer. 2,577,668, Dec. 4.
Wilson, A. E., assignee: *See*—
White, Charles S.
Wilson, Alexander J., assignor of one-half to T. Adam, Aberdeen, Scotland. Fish curing apparatus. 2,560,677, July 17.
Wilson, Alexander L., Upper Montclair, N. J., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Making water-soluble polymers of lower alkylene imines. 2,553,696, May 22.
Wilson, Allan H., Arcadia, assignor to Zinsco Electrical Products Company, Los Angeles, Calif. Electric switch. 2,536,522, Jan. 2.
Wilson, Allen B., Galena Park, Tex. Glare and rain shield. 2,539,763, Jan. 30.
Wilson, Allen B.: *See*—
Stuart, Kimberly, and Wilson.
Wilson, Allen B., Galena Park, Tex. Pipe wrench with linked gripping means. 2,576,203, Nov. 27.
Wilson, Andrew G., and A. A. Miller, assignors to Self-Changing Gear Company, Limited, Coventry, England. Band brake. 2,542,171, Feb. 20.
Wilson, Andrew N.: *See*—
Harris, Stanton A., Wilson, and Folkers.
Wilson, Anthony, Beaver County, Pa. Hassock and manufacturing the same. 2,560,785, July 17.
Wilson, Arch C., West Palm Beach, Fla. Apparatus for spraying liquid insecticide from airplanes. 2,537,251, Jan. 9.
Wilson, Arthur D., Hornchurch, and H. B. Oakley, Bromborough, England, assignors to Lever Brothers Company, Cambridge, Mass. Manufacturing margarine. 2,558,204, June 26.
Wilson, Arthur J. C., Cathays Park, Cardiff, Wales, assignor to Philips Laboratories, Inc., Irvington on Hudson, N. Y. X-ray powder camera. 2,563,439, Aug. 7.
Wilson, Arthur R., assignee: *See*—
Robbaiti, Giordano.
Wilson, Ashley F., assignee: *See*—
Brownell, Clifford E.
Wilson, Benjamin S., Akron, Ohio. Snow melting apparatus. 2,566,473, Sept. 4.
Wilson, Caliste V., North Hollywood, Calif. Cabinet type folding crib construction. 2,544,207, Mar. 6.
Wilson, Calvin W.: *See*—
McNair, Venson F., and Wilson.
Wilson, Cecil L., Portland, Oreg. Necktie knot holder. 2,561,003, July 17.
Wilson, Charles A.: *See*—
Rathert, Walter H., and Wilson.
Rathert, Walter H., Wilson, Murray, Wilson, and Martin.
Wilson, Charles C., Saginaw, Mich. Smoking pipe. 2,544,206, Mar. 6.
Wilson, Charles D., West Allis, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Diaphragm for reheat elastic fluid turbines. 2,547,300, Apr. 3.
Wilson, Charles K., East Williston, assignor to Metallizing Engineering Co. Inc., Long Island City, N. Y. Welding electrode holder construction. 2,572,084, Oct. 23.
Wilson, Charles R., Detroit, and E. Sheagren, Berkley, Mich.; said Sheagren assignor to said Wilson. Thickness gauge. 2,563,440, Aug. 7.
Wilson, Chester E., San Pedro, assignor to Union Oil Company of California, Los Angeles, Calif. Water-soluble petroleum sulfonates. 2,543,885, Mar. 6.
Wilson, Clifford R., assignor of twelve and one-half per cent to K. E. Nutter and twelve and one-half per cent to M. E. Nutter, New Lexington, Ohio. Warning device for motion-picture projectors. 2,555,949, June 5.
Wilson & Company, Inc., assignee: *See*—
Harnack, Vernon L., and Bronson.
Hodson, George F., and Campbell.
Selby, Theodore R.
Spannuth, Hiram T.
Yulich, George M.
Wilson, Cyril D., Metuchen, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of para-tertiary amino aromatic aldehydes. 2,558,285, June 26.
Wilson, David E., Arlington, Va. Tire chain attaching device. 2,562,517, July 31.
Wilson, Donald L.: *See*—
Carpenter, Albert S., and Wilson.
Wilson, Doyne L.: *See*—
Kirkpatrick, Willard H., and Wilson.
Wilson, Earl R., Flint, assignor to General Motors Corporation, Detroit, Mich. Oil level gauge. 2,550,897, May 1.
Wilson, Edgar W., assignor to Sutton Tool Company, Sturgis, Mich. Collet. 2,551,077, May 1.
Wilson, Effie G., and O. W. Gunnels, Center, Tex. Brassière. 2,555,177, May 29.
Wilson, Ernest, Los Angeles, Calif. Wire fence gate. 2,580,147, Dec. 25.
Wilson, Erwin N., assignee: *See*—
Brownell, Clifford E.
Wilson, Foster C., Baltimore, Md., and C. C. Napolitan, Johnstown, Pa. Occupant propelled roundabout. 2,542,745, Feb. 20.
Wilson Foundry & Machine Company, assignee: *See*—
Nixon, Jeddy D.
Wilson, Frank C., Arcade, N. Y. Pressure relief valve. 2,541,395, Feb. 13.
Wilson, Frank M., assignee: *See*—
Slawson, William H.
Wilson, Frank R., Lexington, Ky. Safety escape device. 2,561,832, July 24.
Wilson, Frank R., Lexington, Ky. Hydrometer. 2,577,669, Dec. 4.
Wilson, Galen J., assignor to The National Cash Register Company, Dayton, Ohio. Preparing material used for molding microporous objects. 2,554,485, May 29.
Wilson, Gardiner C., assignor to Armstrong Cork Company, Lancaster, Pa. Molding articles. 2,558,026, June 26.
Wilson, Gardiner C., assignor to Armstrong Cork Company, Lancaster, Pa. Injection molding machine. 2,558,027, June 26.
Wilson, Gordon P., Johnson City, assignor to International Business Machines Corporation, New York, N. Y. Record comparing mechanism. 2,555,774, June 5.
Wilson, Graham R., Stafford, assignor to The English Electric Company Limited, London, England. Electric motor control system. 2,542,854, Feb. 20.
Wilson, Harold M., Lexington, assignor to General Radio Company, Cambridge, Mass. Coaxial connector for high-frequency transmission lines. 2,548,457, Apr. 10.
Wilson, Harry C., Beverly Hills, assignor to R. H. Clark, Los Angeles, Calif. Sweep cutter. 2,551,778, May 8.
Wilson, Harry C., Sherman Oaks, assignor to R. H. Clark, Los Angeles, Calif. Drilling bit for wood or the like. 2,576,376, Nov. 27.
Wilson, Harry C., Sherman Oaks, assignor to R. H. Clark, Los Angeles, Calif. Expansion bit. 2,577,986, Dec. 11.
Wilson, Harry C., Sherman Oaks, assignor to R. H. Clark, Los Angeles, Calif. Bit with detachable blade. 2,577,987, Dec. 11.
Wilson, Harry M., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Amplifier protective circuit. 2,541,489, Feb. 13.
Wilson, Harry R., Waterloo, Iowa, assignor, by mesne assignments, to Skilsaw, Inc., Chicago, Ill. Machine tool. 2,564,350, Aug. 14.
Wilson, Herbert F., Wembley, England. Mold for making reflectors. 2,538,638, Jan. 16.
Wilson, Herbert O., Berea, Ohio. Latch. 2,548,413, Apr. 10.
Wilson, Howard L.: *See*—
Welch, Lester M., and Wilson.
Wilson, Howard L., Elizabeth, R. F. Leary, Cranford, and J. F. Nelson, Rahway, N. J., assignors to Standard Oil Development Company. Drying synthetic rubber polymers. 2,561,256, July 17.

Wilson, Ira G.: *See*—
Kannenberg, Walter F., Kinzer, Schramm, and Wilson.
Wilson, Jack, Chicago, Ill., assignor to Universal Railway Devices Co. Automatic brake adjuster. 2,562,226, July 31.
Wilson, Jack C., Garden City, N. Y. Pneumatic racing game apparatus. 2,571,081, Oct. 9.
Wilson, Jack T., assignor to Perfex Corporation, Milwaukee, Wis. Safety control gas burner system. 2,538,222, Jan. 16.
Wilson, James H., Dunedin, New Zealand. Finger stall. 2,564,183, Aug. 14.
Wilson, James P., Haw River, N. C. Yarn controlling and tensioning mechanism. 2,554,286, May 22.
Wilson, James W., Harrisonville, Mo. Disk sharpener. 2,567,793, Sept. 11.
Wilson, Jeff E., The Dalles, Oreg. Football position indicator. 2,539,560, Jan. 30.
Wilson, John A., Columbus, Ohio, assignor to The Lennox Furnace Co., Marshalltown, Iowa. Pump assembly for liquid fuel burners. 2,544,907, Mar. 13.
Wilson, John C., assignor to The Thompson Grinder Company, Springfield, Ohio. Method and apparatus for continuous form grinding. 2,554,079, May 22.
Wilson, John C., assignor to The Thompson Grinder Company, Springfield, Ohio. Grinding method and machine. 2,576,201, Nov. 27.
Wilson, John C., and W. G. Baldenhofer, assignors to The Thompson Grinder Company, Springfield, Ohio. Method and apparatus for grinding. 2,561,004, July 17.
Wilson, John D., New York, and C. E. Smith, assignors to Graflex Inc., Rochester, N. Y. Film magazine. 2,573,780, Nov. 6.
Wilson, John H., Bay Shore, N. Y. Vacuum exhaust. 2,575,698, Nov. 20.
Wilson, John H., Middlesex, N. J., assignor to Research Corporation, New York, N. Y. Electrical precipitator, including an electrode washing device. 2,563,297, Aug. 7.
Wilson, John H., Wichita Falls, Tex. Winch. 2,563,089, Aug. 7.
Wilson, John H., Wichita Falls, Tex. Safety device for drilling rigs. 2,564,457, Aug. 14.
Wilson, John K., London, England. Shoulder pad for garments. 2,546,807, Mar. 27.
Wilson, John M., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Fuel burner safety control system. 2,537,291, Jan. 9.
Wilson, John M., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Component checking circuit for burner control apparatus. 2,537,292, Jan. 9.
Wilson, John M., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Component checking circuit for burner control apparatus. 2,537,294, Jan. 9.
Wilson, John M., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Condition controlling apparatus. 2,579,716, Dec. 25.
Wilson, John M., Minneapolis, and S. W. Nickells, St. Louis Park, assignors to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Relay. 2,545,835, Mar. 20.
Wilson, John M., Minneapolis, S. W. Nickells, St. Louis Park, and M. R. Smith, assignors to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Temperature control apparatus. 2,572,293, Oct. 23.
Wilson, John R., Penn Township, Allegheny County, assignor to Hanlon & Wilson Company, Wilkinsburg, Pa. Bending tool for rail bond conductors. 2,548,414, Apr. 10.
Wilson-Jones Company, assignee: *See*—
Marano, Herbert W.
Segal, Samuel.
Stearns, Wesley O.
Wedge, Fred D.
Wilson, Joseph D. C., II, Wilmington Manor, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of 2-methoxy-1-alkanols and 2-methoxy-1-alkanals. 2,555,950, June 5.
Wilson, Joseph F.: *See*—
Hillyer, John C., and Wilson.
Wilson, Joseph H., La Mesa, Calif. Artificial eye comprising an eye implant and a connecting support for an eye-simulating member. 2,572,416, Oct. 23.
Wilson, Leon: *See*—
Rathert, Walter H., Wilson, Murray, Wilson, and Martin.
Wilson, Leon T., Canadensis, Pa. Method and system for utilizing solar energy. 2,575,478, Nov. 20.
Wilson, Leonard, Houston, assignor to C. L. Rowan, Tarrant County, Tex. Clothes drier. 2,578,870, Dec. 18.
Wilson, Leonard L., Jr., assignor to Beech Aircraft Corporation, Wichita, Kans. Safety harness. 2,576,867, Nov. 27.
Wilson, Loudon G., Fairhaven, Mich. Retractable keel for sailboats. 2,569,270, Sept. 25.
Wilson, Lucas, Denver, Colo. Apparatus for dispensing predetermined quantities of liquids. 2,578,215, Dec. 11.
Wilson, Lucius H., Greenwich, C. G. Landes, New Canaan, and C. S. Maxwell, Old Greenwich, Conn., assignors to American Cyanamid Company, New York, N. Y. Sizing cellulosic fibers with cationic melamine resin and hydrophobic material. 2,563,897, Aug. 14.
Wilson, Lucius H., Greenwich, C. G. Landes, New Canaan, and C. S. Maxwell, Old Greenwich, Conn., assignors to American Cyanamid Company, New York, N. Y. Coprecipitated resins, products containing same and making both of same. 2,563,898, Aug. 14.
Wilson, Lyndon A., assignee: *See*—
Brownell, Clifford E.
Wilson, Matthew W., Cuyahoga Falls, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Rubber to fabric adhesion with mixture of latex and polyamine-polyacid condensation product adhesive. 2,570,895, Oct. 9.
Wilson, Neill E., Arlington, Va. Brush handle with refillable reservoir. 2,554,287, May 22.
Wilson, Nolan E., Homer, La. Fish lure. 2,549,354, Apr. 17.
Wilson, Nolan E., Homer, La. Fish lure. 2,569,792, Oct. 2.
Wilson, Norman E., University City, and A. L. Saeks, Clayton, assignors to The Puro Co., Inc., St. Louis, Mo. Moth repellent and deodorant container. 2,579,715, Dec. 25.
Wilson, Oliver W.: *See*—
Foster, Warren D., and Wilson.
Wilson, Palmer C., Uniontown, Pa. Brake adjusting mechanism. 2,566,150, Aug. 28.
Wilson, Paul B., Jr., White Plains, and S. P. Oppenheimer, New York, N. Y.; said Wilson assignor to said Oppenheimer. Controlled high-frequency system. 2,545,328, Mar. 13.
Wilson, Reagan T., Bartlesville, Okla., assignor to Phillips Petroleum Company. Hydrogenolysis process for the production of gasoline and Diesel oil from petroleum residue stocks. 2,541,317, Feb. 13.
Wilson, Reginald A., London, England. Mechanical posting apparatus. 2,565,712, Aug. 28.
Wilson, Robert F.: *See*—
Freemon, Joseph A., Weatherford, and Wilson.
Wilson, Ronald M., Ambler, assignor to William M. Wilson's Sons, Inc., Lansdale, Pa. Tank supporting cradle device. 2,549,554, Apr. 17.
Wilson, Ronald M., Ambler, Pa. Gasoline dispensing pump. 2,576,740, Nov. 27.
Wilson, Rosser L., Mahwah, N. J., assignor to American Brake Shoe Company, Wilmington, Del. Control apparatus for steam locomotives. 2,549,653, Apr. 17.
Wilson, Rufus W.: *See*—
Keeley, Armand E., and Wilson.
Wilson, S. Shepard: *See*—
Brownell, Clifford E.
Wilson, Samuel A., Shreveport, La., assignor to Maloney-Crawford Tank and Manufacturing Company, Tulsa, Okla. Oil and gas separator. 2,547,190, Apr. 3.
Wilson, Samuel W., Baton Rouge, La., assignor to Standard Oil Development Company. Recovery of ammonia from butadiene-ammonia mixture. 2,549,555, Apr. 17.
Wilson, Theodore J., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Potentiometric device. 2,551,989, May 8.
Wilson, Theodore R., Seattle, Wash. Ventilated toilet. 2,575,778, Nov. 20.
Wilson, Thomas W., Millville, N. J. Illuminated lamp base. 2,558,600, June 26.
Wilson, Thomas Y.: *See*—
Mohling, Gunther, and Wilson.
Wilson, Wilfred K., assignor to Shawinigan Resins Corporation, Springfield, Mass. Hard synthetic copolymer. 2,551,481, May 1.
Wilson, William A., Los Angeles, Calif. Safety hook. 2,568,939, Sept. 25.
Wilson, William G., Merriam, Kans., assignor to Movie-Mite Corporation, Kansas City, Mo. Cord reel or holder. 2,573,636, Oct. 30.
Wilson, William H.: *See*—
Flight, Theodore N., Wilson, and Chinn.
Wilson's, William M., Sons, Inc., assignee: *See*—
Wilson, Ronald M.
Wilson, William R.: *See*—
Mabry, Forrest S., and Wilson.
Wilson, William W., Los Angeles, Calif. Safety latch for elevators. 2,567,044, Sept. 4.
Wilson, William W., Memphis, Tenn. Sofa bed. 2,567,263, Sept. 11.
Wilson, Wylie G., Elizabeth, assignor to Everlasting Valve Company, Jersey City, N. J. Valve. 2,574,080, Nov. 6.
Wilt, Homer E.: *See*—
Colley, Russell S., and Wilt.
Wilt, Homer E., and R. H. Gill, Akron, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y. Tool for upsetting internally threaded rivets. 2,575,479, Nov. 20.
Wilt, James W., Taft, Calif. Paper holder for draftsmen. 2,559,744, July 10.
Wilt, Wilmer C., Red Lion, Pa. Condiment holder and dispenser having pressure operated means for dispensing the condiment. 2,571,083, Oct. 9.
Wilton Tool Manufacturing Co., assignee: *See*—
Barker, Clemon W.

Wily, James H., Bethlehem, Pa. Closure. 2,572,963, Oct. 30.
Wilz, Peter: *See*—
Esser, Paul, and Wilz.
Wimberly, Elver B., Fort Smith, Ark. Dental articulator. 2,556,639, June 12.
Wimperis, Harold E., Minneapolis, Minn. Soil and manure shredder and distributor. 2,558,530, June 26.
Winans, Roswell R.: *See*—
Lubin, George, and Winans.
Winborn, Byron R., Jr., assignor to Manitowoc Shipbuilding Company, Manitowoc, Wis. Rotary drum and shaft assembly. 2,549,274, Apr. 17.
Winby, Ivor S.: *See*—
Williams, John C., and Winby.
Wincharger Corporation, assignee: *See*—
Mironowicz, Vladimir C.
Winchel, Henry T., Roscoe, Calif., assignor to Bendix Aviation Corporation, South Bend, Ind. Echo ranging apparatus. 2,539,001, Jan. 23.
Winchell, Lawrence J., Fort Scott, Kans. Bearing mounting for lawn mower cutter blades. 2,536,481, Jan. 2.
Winchell, Sterling F., East Cleveland, assignor to The Warner & Swasey Company, Cleveland, Ohio. Machine tool. 2,568,675, Sept. 18.
Winchester, Albert G., Baltimore, Md., assignor to Gerotor May Corporation. Shift-over valve. 2,570,896, Oct. 9.
Winchester, Albert G., Baltimore, Md., assignor to Gerotor May Corporation. Shuttle valve. 2,570,897, Oct. 9.
Winchester, Amos J., Jr.: *See*—
Schaelchlin, Walter, Winchester, and Ponstingl.
Winchester, Amos J., Jr., Lockport, and W. T. Hunt, Jr., Williamsville, N. Y., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Emergency stop system. 2,571,982, Oct. 16.
Winckler, Robert H., Maplewood, assignor to Hardwick-Hindle, Inc., Newark, N. J. Interconnecting means for control devices. 2,550,314, Apr. 24.
Winder, Samuel E., Knox, Pa., assignor of one-half to H. C. Daubenspeck, Massillon, Ohio. Glass mold. 2,538,822, Jan. 23.
Winder, Samuel E., Washington, Pa., assignor of one-half to H. C. Daubenspeck, Massillon, Ohio. Synchronizer for machines such as glass machines. 2,540,154, Feb. 6.
Winder, Samuel E., West Medway, Mass., assignor of one-half to H. C. Daubenspeck, Massillon, Ohio. Bottle forming machine cam. 2,554,545, May 29.
Windgassen, Richard, Pittsburgh, Pa. Window chair. 2,579,164, Dec. 18.
Windsor, George H., Tujunga, Calif. Strap clamping and tensioning means. 2,576,986, Dec. 4.
Wind Turbine Company, assignee: *See*—
Weeks, Robert W.
Windus, Donald W., Streator, Ill., assignor to Owens-Illinois Glass Company. Chuck. 2,577,941, Dec. 11.
Windus, Wallace, Bristol, Pa., assignor to John R. Evans & Company, Camden, N. J. Tanning with a free aldehyde and a free polyhydric phenol mixture in a molecular ratio of at least 2 to 1. 2,552,129, May 8.
Windus, Wallace, Bristol, Pa., assignor to John R. Evans & Company, Camden, N. J. Tanning proteinaceous fibers with a mixture of an aldehyde and a polyhydric phenol in a molecular ratio of at least 2 to 1. 2,552,130, May 8.
Winebrenner, Laura M., Straughn, Ind., assignor of one-half to E. E. Magnuson, Ann Arbor, Mich. Receptacle. 2,540,069, Jan. 30.
Wineland, Emery E., Lincoln, Nebr. Folding table. 2,566,077, Aug. 28.
Winer, Bernard B.: *See*—
Baudry, René A., and Winer.
Winett, Sidney R., Westfield, N. J. Dental compression clamp. 2,567,794, Sept. 11.
Winfield, William S.: *See*—
Scheer, Frederick H., and Winfield.
Winfree, Robert N., Omaha, Nebr. Raising dough temperatures. 2,577,220, Dec. 4.
Wing, George S., Hermosa Beach, Calif. Quick release locking type shear load bearing fastener. 2,571,641, Oct. 16.
Wing, Lewis O., Artois, assignor of one-half to A. M. Shabrick, San Francisco, Calif. Paraffin sprayer. 2,551,078, May 1.
Wing, Russell T., Excelsior, Minn. Pocket clip. 2,553,346, May 15.
Wing, William A., assignor to Milwaukee Saddlery Company, Milwaukee, Wis. Cushion seat drain structure. 2,551,819, May 8.
Wingardner, Charles A.: *See*—
Dimond, Thomas L., and Wingardner.
Wingate, Clayborn M.: *See*—
Coupland, Paul G., and Wingate.
Wingerter, Ralph, Akron, Ohio. Portable refrigerator. 2,566,865, Sept. 4.
Wingfoot Corporation, assignee: *See*—
Beauchamp, David N.
Bricker, Carl E.
Burkley, Clement J.
Burton, Drury R.
Byers, Clifton A., and Clugh.
Carson, Clarence M.
Clark, Harold H.
Clifford, Albert M.
Cook, Albert W.
Cox, Fred W., and Wallace.
Davis, Benjamin F.
D'Ianni, James D.
Emberson, Keith L.
Enabnit, Robert S.
Flory, Paul J.
Flory, Paul J., and Rabjohn.
Ford, Charles J.
Ford, Charles J., and Miller.
Gardner, Charles E.
Gehman, Samuel D.
George, Everett D.
Gleim, Clyde E.
Goulding, Albert, Jr.
Haase, Jorgen I.
Johnson, Joseph P.
Kovac, James J.
Lichty, Joy G.
McGovern, Bernard F.
Moore, Robert L.
Osterhof, Harold J.
Osterhof, Harold J., and Rogers.
Raffel, Bernard D.
Riggs, Frederick S.
Rogers, Thomas H., Jr., and Bender.
Snyder, James E.
Truscott, John P.
Vogel, Raymond H.
Von Gunten, Leo J.
Ward, John S., Johnson, Trishman, and Stratton.
Wingo, William W.: *See*—
Hunter, Claud M., and Wingo.
Wingo, William W., Wilburton, Okla. Turnstile. 2,564,872, Aug. 21.
Wingquist, Sven G., Goteborg, Sweden. Constant velocity universal joint. 2,551,779, May 8.
Wing Shee, George L., Houston, Tex., and M. I. Weinberg, Ypsilanti, Mich., assignors to Curtiss-Wright Corporation. Aircraft tow target carrier. 2,538,719, Jan. 16.
Wink, Arthur B., Los Angeles, Calif. Pocket coin holding and delivering device. 2,539,648, Jan. 30.
Winkel, Samuel, Miami Beach, Fla. Hoisting device. 2,557,852, June 19.
Winkeljohn, Thomas H., Wabash, Ind., assignor to The General Tire and Rubber Company, Akron, Ohio. Fluid seal. 2,565,190, Aug. 21.
Winkitty Products, Inc., assignee: *See*—
Simms, Leo G.
Winkler, Albert H., assignor to Bendix Aviation Corporation, South Bend, Ind. Carburetor. 2,541,316, Feb. 13.
Winkler, Albert H., and W. E. Kelsey, Elmira, N. Y., assignors to Bendix Aviation Corporation, South Bend, Ind. Carburetor. 2,566,012, Aug. 28.
Winkler, Clarence B., Chicago, Ill. Coin-changer mechanism. 2,567,900, Sept. 11.
Winkler, Elmer L., Collinsville, Ill., assignor to Mott Carton and Paper Company, St. Louis, Mo. Folding tray. 2,563,145, Aug. 7.
Winkler, Felix F., Kansas City, Mo. Milk can holder with can puncturing means and dispensing the can contents. 2,556,311, June 12.
Winkler, Lewis A., Scotch Plains, N. J., assignor to Standard Oil Development Company. Asphalt paint. 2,542,608, Feb. 20.
Winkler, Marion R., La Grange Park, assignor to Motorola, Inc., Chicago, Ill. Vibrating reed structure. 2,547,026, Apr. 3.
Winkler, Marion R., La Grange Park, assignor to Motorola, Inc., Chicago, Ill. Vibrating reed controlled oscillator. 2,547,027, Apr. 3.
Winkler, Marion R., La Grange Park, assignor to Motorola, Inc., Chicago, Ill. Radio transmitter-receiver, including shielding chassis and plug-in stages. 2,560,320, July 10.
Winkler, Marion R., La Grange Park, assignor to Motorola, Inc., Chicago, Ill. Audio compression system. 2,572,900, Oct. 30.
Winkler, Orville R., Fort Worth, Tex. Self-feeding device for livestock. 2,544,578, Mar. 6.
Winkler, Wynn G., and N. H. Rewalt, Muskegon, Mich., assignors to The Brunswick-Balke-Collender Company, Chicago, Ill. Hand moistening device for bowlers. 2,541,396, Feb. 13.
Winks, John: *See*—
Fletcher, Lynn, and Winks.
Winks, John, and L. Fletcher, assignors to Lowell Specialty Company, Lowell, Mich. Closure mechanism for pressure type vessels. 2,577,221, Dec. 4.
Winn, Roy E., Los Angeles, Calif. Heating apparatus. 2,577,694, Dec. 4.
Winnek, Douglas F., Atlantic City, N. J. Composite stereography. 2,562,077, July 24.
Winnek, Douglas F., Atlantic City, N. J. Apparatus for lenticulating film. 2,562,078, July 24.
Winnen, Franklyn E.: *See*—
Benjamin, Milton L., and Winnen.

Winnick, Raymond G., Bridgeport, assignor to United Aircraft Corporation, East Hartford, Conn. Laminated composite body of airfoil shapes. 2,562,976, Aug. 7.
Winninghoff, Wilford J., Cleveland Heights, Ohio, assignor to General Electric Company. Fluorescent lamp. 2,549,355, Apr. 17.
Winpower Mfg. Company, assignee: *See*—
McCardell, Edmund A.
Winslow, Albert E., assignor to J. P. Stevens & Co. Inc., Greenville, S. C. Oscillating lease rod leveling mechanism. 2,562,838, July 31.
Winslow, Albert E., assignor to J. P. Stevens & Co. Inc., Greenville, S. C. Twister frame spindle support. 2,573,081, Oct. 30.
Winslow, Charles A., Oakland, Calif. Trolling gear. 2,545,185, Mar. 13.
Winslow, Charles A., W. G. Nostrand, and L. L. Moore, assignors to Winslow Engineering Co., Oakland, Calif. Filter. 2,559,267, July 3.
Winslow, Charles A., W. G. Nostrand, and L. L. Moore, assignors to Winslow Engineering Co., Oakland, Calif. Filter. 2,565,445, Aug. 21.
Winslow Engineering Co., assignee: *See*—
Winslow, Charles A., Nostrand, and Moore.
Winslow, Fred H., and W. S. Hammond, Waco, Tex. Filter. 2,540,362, Feb. 6.
Winslow, George J., assignor to General Motors Corporation, Detroit, Mich. Mounting device. 2,558,328, June 26.
Winslow, James C., Los Angeles, assignor to G. A. Darrow, Glendale, Calif. Preparing a food product from bacon rind or pork skin. 2,562,850, July 31.
Winslow, James C., Inglewood, assignor to Winslow Product Engineering Corp., Los Angeles, Calif. Knitting needle. 2,578,117, Dec. 11.
Winslow Product Engineering Corp., assignee: *See*—
Winslow, James C.
Winslow, William D., Vineland, N. J. Razor. 2,558,601, June 26.
Winslow, William R., North Tonawanda, N. Y. Directing and automatically controlling aircraft. 2,552,359, May 8.
Winslow, William R., North Tonawanda, N. Y. Stabilizing surface for aircraft. 2,563,298, Aug. 7.
Winslow, William R., North Tonawanda, N. Y. Aircraft landing gear. 2,575,647, Nov. 20.
Winsor, George B.: *See*—
Winsor, Thomas B., and G. B.
Winsor, Harold L., East St. Louis, Ill. Plaything for cats. 2,540,309, Feb. 6.
Winsor, Thomas B., and G. B., Milpitas, Calif. Clod crushing drag 2,538,223, Jan. 16.
Winstead, Thomas W., Baltimore, Md. Pump container. 2,573,375, Oct. 30.
Winsted Hardware Manufacturing Company, The, assignee: *See*—
Bate, Alan.
Winsten, Walter A., Forest Hills, assignor to Food Research Laboratories, Inc., Long Island City, N. Y. Dispensing unit for therapeutic agents. 2,562,402, July 31.
Winston, Adolph A., Elizabeth, N. J., assignor, by mesne assignments, to General Goods Corporation, New York, N. Y. Filter unit for cookers. 2,562,839, July 31.
Winston, Philip B., Germantown, Tenn. Tire casing with improved tread. 2,538,491, Jan. 16.
Winston, R. L., Rod Co., The, assignee: *See*—
Stoner, Lewis D.
Winston, William B., Odessa, Tex. Measuring tape dispenser and anchor. 2,544,908, Mar. 13.
Winter, Arthur G.: *See*—
Kittler, Milton J., and Winter.
Winter, Arthur G., Pleasant Ridge, Mich., assignor to G. M. and E. Holley. Antipercolating device. 2,564,142, Aug. 14.
Winter, Casper M., Jamaica, N. Y. Suction actuated and controlled ignition switch for internal-combustion engines. 2,561,962, July 24.
Winter, David F.: *See*—
Branchflower, Dale R., White, and Winter.
Winter, David F., Cambridge, Mass., assignor, by mesne assignments, to the United States of America as represented by the Secretary of War. Modulator. 2,564,045, Aug. 14.
Winter, David F., Cambridge, and C. A. Carlson, Roxbury, Mass., assignors, by mesne assignments, to the United States of America as represented by the Secretary of the Navy. Rotary gap modulator. 2,567,749, Sept. 11.
Winter, Frank J., Jr.: *See*—
Kaut, William, Jr., Lauman, and Winter.
Winter, Fred H., Schenectady, N. Y., assignor to General Electric Company Electromagnet control mechanism with two armatures. 2,571,803, Oct. 16.
Winter, John G., Washington, D. C. Aiming drill target and system. 2,571,511, Oct. 16.
Winter, John R., Jr., assignor to J. R. Winter, Sr., Detroit, Mich. Rocker arm construction. 2,563,699, Aug. 7.
Winter, John R., Jr., assignor to J. R. Winter, Sr., Detroit, Mich. Oil control device for rocker arms. 2,573,082, Oct. 30.
Winter, John R., Jr., assignor to J. R. Winter, Sr., Detroit, Mich. Rocker arm. 2,578,638, Dec. 11.
Winter, John R., Sr., assignee: *See*—
Winter, John R., Jr.
Winterbourne, James E. V., assignor to S. Smith & Sons (England) Limited, London, England. Stand for detachably mounting frames and casings. 2,551,405, May 1.
Wintercorn, Albert, Columbus, Ohio. Noiseless spring-mounted truck assembly for roller skates. 2,557,331, June 19.
Wintercorn, Andrew F., assignee: *See*—
Johnson, Karl R.
Wintercorn, Andrew F., assignor to Rockford Sash Holder, Inc., Rockford, Ill. Window sash holder. 2,544,518, Mar. 6.
Winterhalter, Martin, Morcote, Tessin, Switzerland. Slide fastener. 2,563,767, Aug. 7.
Wintermeyer, Adolph M., Washington, D. C., assignor to the United States of America as represented by the administrator of the Federal Works Agency. Soil dispersing apparatus. 2,564,745, Aug. 21.
Wintermute, Glenn E.: *See*—
Chynoweth, John L., and Wintermute.
Wintermute, Harry A., Plainfield, N. J., assignor to Research Corporation, New York, N. Y. Electrical precipitator. 2,555,216, May 29.
Winters, Charles D., assignee: *See*—
Ditto, John.
Winters & Crampton Corporation, assignee: *See*—
Nyquist, Arthur N.
Winters, Edward J., New Hyde Park, assignor to The Lummus Company, New York, N. Y. Bubble cap holddown device. 2,580,260, Dec. 25.
Winters, Edward T.: *See*—
Prendergast, Richard S., C. S., and Winters.
Winters, James C., Lansdowne, Pa., and R. Kunin, Trenton, N. J., assignors to Rohm & Haas Company, Philadelphia, Pa. Treating sugar solutions. 2,551,519, May 1.
Winters, Marvin J.: *See*—
Stewart, Leonard E., and Winters.
Winters, Russell H., assignor to The Larsen Company, Green Bay, Wis. Apparatus for filling containers. 2,558,028, June 26.
Winters, Thomas F., Detroit, assignor to No-Sag Spring Company, Warren Township, Mich. Spring strip. 2,578,958, Dec. 18.
Winters, William P., Cincinnati, Ohio, and J. W. Lockwood, Simcoe, Ontario, Canada, assignors to American Can Company, New York, N. Y. Shielding device for wiper mechanisms. 2,567,264, Sept. 11.
Winterseal Corporation, assignee: *See*—
Rogers, Irvin A. and D. S., and Rosenberg.
Wintersteiner, Oskar: *See*—
Fried, Josef, and Wintersteiner.
Wintersteiner, Oskar, New Brunswick, and H. B. MacPhillamy, Summit, N. J., assignors to E. R. Squibb & Sons, New York, N. Y. Zinc-penicillin and preparation thereof. 2,554,690, May 29.
Winther, Anthony: *See*—
Winther, Martin P., and Anthony.
Winther, Anthony, Kenosha, Wis., assignor to M. P. Winther, Waukegan, Ill. Magnetic clutch. 2,543,394, Feb. 27.
Winther, Howard, Harrington Park, N. J., assignor to Nathan Manufacturing Company, New York, N. Y. Lubricating pump. 2,562,757, July 31.
Winther, Jerrold B., Kenosha, Wis., assignor to M. P. Winther, as trustee, Waukegan, Ill. Electronic control circuit for an inductive load. 2,541,182, Feb. 13.
Winther, Martin P., assignee: *See*—
Winther, Anthony.
Winther, Jerrold B.
Winther, Martin P., Gates Mills, Ohio, assignor to M. P. Winther, as trustee. Clutch control. 2,539,649, Jan. 30.
Winther, Martin P., Gates Mills, Ohio, assignor to M. P. Winther, as trustee. Transmission. 2,546,378, Mar. 27.
Winther, Martin P., Gates Mills, Ohio, assignor to M. P. Winther, as trustee. Transmission. 2,549,738, Apr. 17.
Winther, Martin P., Waukegan, Ill., assignor to M. P. Winther, as trustee. Transmission. 2,548,756, Apr. 10.
Winther, Martin P., Waukegan, Ill., assignor to said M. P. Winther, as trustee. Brake. 2,551,079, May 1.
Winther, Martin P., Waukegan, and A. Winther, Kenosha, Wis., assignors to M. P. Winther, trustee. Transmission. 2,540,639, Feb. 6.
Winthrop-Atkins Co., Inc., assignee: *See*—
Nichols, Gordon E.
Winthrop, John, Wyckoff, N. J. Vacuum cleaner. 2,562,996, Aug. 7.
Winthrop-Stearns Inc., assignee: *See*—
Albertson, Noel F., and Archer.
Cavallito, Chester J.
King, John A., and McMillan.
Wintle, Malcolm F.: *See*—
Earp, Charles W., and Wintle.
Wintle, Thomas D. G.: *See*—
Besag, Ernst, Hill, and Wintle.
Wintriss, George, Summit, N. J., assignor to Ideal Novelty & Toy Co., Hollis, N. Y. Eye assembly for a doll's head. 2,536,523, Jan. 2.
Wintriss, George, Summit, N. J. Making slide fasteners. 2,567,914, Sept. 11.

Winzen, Otto C. and V. H., Minneapolis, Minn. Cargo landing apparatus. 2,545,248, Mar. 13.
Winzen, Vera H.: *See*—
Winzen, Otto C. and V. H.
Wiremold Company, The, assignee: *See*—
Bissell, Dana F., and Frederickson.
Chernack, Abel E.
Murphy, Robert H.
Wirk, Adolf, Berlin-Spandau, assignor to Siemens & Halske, Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Low-ohmic electrical resistance. 2,568,600, Sept. 18.
Wirkler, Walter H., assignor to Collins Radio Company, Cedar Rapids, Iowa. Aircraft course stabilizing means. 2,548,278, Apr. 10.
Wirkler, Walter H., assignor to Collins Radio Company, Cedar Rapids, Iowa. Antinoise carrier receiving system. 2,580,148, Dec. 25.
Wirsig, Leo H., Deepwater, Mo. Folding table with leg actuator. 2,550,179, Apr. 24.
Wirsig, Leo H., Deepwater, Mo. Portable folding stool. 2,578,989, Dec. 18.
Wirt, Erwin A., Clifton, N. J., assignor to The Howard Zink Corporation, Fremont, Ohio. Welt seam. 2,576,324, Nov. 27.
Wirt, John R., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Electrode. 2,540,180, Feb. 6.
Wirt, John R., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Welding. 2,560,678, July 17.
Wirtel, Arthur F.: *See*—
De Groote, Melvin, and Wirtel.
De Groote, Melvin, Wirtel, and Pettingill.
Wirth, Armin, Zurich, Switzerland. Rail bridging device for rail weighing devices. 2,539,650, Jan. 30.
Wirth, Marie C., Ecorse, Mich. Hand doll. 2,551,195, May 1.
Wirth, Otto, assignor to Micafil A.-G., Zurich, Switzerland. Coil form. 2,578,495, Dec. 11.
Wirth, Sidney R., River Forest, assignor to Advertising Metal Display Co., Chicago, Ill. Display board. 2,573,376, Oct. 30.
Wirth, Sidney R., River Forest, assignor to Advertising Metal Display Co., Chicago, Ill. Display board. 2,577,988, Dec. 11.
Wirtz, Kenneth U.: *See*—
Cope, Frank T., and Wirtz.
Wisco, Inc., assignee: *See*—
Knott, Frank W.
Wisconsin Alumni Research Foundation, assignee: *See*—
Boyd, Charles A., and Hirschfelder.
Daniels, Farrington.
Daniels, Farrington, Hendrickson, and Foster.
Wilds, Alfred L.
Williams, John W., and Deutsch.
Wise, David L., Watsonville, and A. R. King, Salinas, Calif. Safety device for hydraulic brakes. 2,568,311, Sept. 18.
Wise, Earl V., Sr., assignor to Wise Potato Chip Company, Berwick, Pa. Agitating mechanism for agitating potato chips in cooking liquid. 2,558,892, July 3.
Wise, Elmer L., Bridgeport, Conn., assignor to Underwood Corporation, New York, N. Y. Register control locking means for accounting machines. 2,549,739, Apr. 17.
Wise, Eugene B.: *See*—
Elliott, Clifton M., and Wise.
Wise, George, Washington, D. C. Self-supporting extendible article holder. 2,556,246, June 12.
Wise, George, Washington, D. C. Cabinet. 2,561,681, July 24.
Wise, Jacob H., Chicago, Ill. Socket assembly for fluorescent lamp fixtures. 2,563,146, Aug. 7.
Wise, Lawrence, Cedarhurst, assignor to Ever Tick Corporation, Floral Park, N. Y. Ticking toy watch. 2,570,740, Oct. 9.
Wise, Morris O., assignor to Bendix Aviation Corporation, South Bend, Ind. Burner nozzle. 2,569,033, Sept. 25.
Wise Potato Chip Company, assignee: *See*—
Wise, Earl V., Sr.
Wise, Raleigh J.: *See*—
D'Humy, Fernand E., and Wise.
Wise, Raleigh J., Arlington, and M. J. Reynolds, Montclair, N. J., assignors to The Western Union Telegraph Company, New York, N. Y. Facsimile switching system. 2,537,199, Jan. 9.
Wise, Raleigh J., Dunellen, and G. H. Ridings, Summit, N. J., assignors to The Western Union Telegraph Company, New York, N. Y. System and apparatus involving optical scanning. 2,567,307, Sept. 11.
Wisecarver, George, Pikeville, Ky. Adjustable crutch. 2,554,653, May 29.
Wisegarver, Orton H., Los Angeles, assignor, by mesne assignments, to G. B. Pollock, South Laguna, Calif. Film advancing and metering means for roll film cameras. 2,639,764, Jan. 30.
Wiseley, Don C., Los Angeles, Calif., assignor to W. F. Penrose, Newark, N. J. Brake holder system. Re. 23,408, Sept. 4.
Wiseman, Eugene R., Boulder, Colo. Golf ball holder. 2,548,330, Apr. 10.
Wiseman, Oscar Z., Altadena, Calif. Sorting machine. 2,566,756, Sept. 4.
Wiseman, Park A.: *See*—
McBee, Earl T., and Wiseman.
Wiseman, Walter S., assignor to The Leland Electric Company, Dayton, Ohio. Alternating current excited frequency changer. 2,557,901, June 19.
Wiseman, William M., Henrietta, Tex. Combination wrench and elevator. 2,568,263, Sept. 18.
Wisener, Everett B. and R. F., Spokane, Wash. Fish lure. 2,541,397, Feb. 13.
Wisener, Robert F.: *See*—
Wisener, Everett B. and R. F.
Wiser, Douglas R., Los Angeles, Calif. Ball centering and propelling mechanism for playing boards. 2,577,222, Dec. 4.
Wiser, Hubert J., Sr., assignor to Eureka Williams Corporation, Bloomington, Ill. Oil burner nozzle. 2,568,878, Sept. 25.
Wishart, Donald W., Toronto, Ontario, Canada. Key selector aid. 2,573,781, Nov. 6.
Wishart, Herbert W.: *See*—
Goodlett, Edward R., and Wishart.
Wishart, James, and G. H. Bancroft, assignors, by mesne assignments, to Eastman Kodak Company, Rochester, N. Y. Machine for semicontinuous coating of material in strip form. 2,557,584, June 19.
Wisman, Franklin O., assignor to Bendix Aviation Corporation, South Bend, Ind. Aircraft engine synchronizer. 2,551,306, May 1.
Wismer, Edwin W., Oakland, assignor to J. M. Jacobs, Hillsborough, Calif. Traveling contacting device. 2,541,628, Feb. 13.
Wisner, Robert M.: *See*—
Stedman, Cecil K., Price, and Wisner.
Wisner, William R.: *See*—
Beaumariage, Amos A., Wisner, and Dockerty.
Wissel, Francis A., assignor to Avco Manufacturing Corporation, Cincinnati, Ohio. Video amplifier coupling network for television receivers. 2,577,868, Dec. 11.
Wisslead, Kenneth E., Warsaw, Ill. Toy combine. 2,564,825, Aug. 21.
Wissman, Nat, Dallas, Tex. Combination fishing rod and container. 2,566,647, Sept. 4.
Wissman, Reuben E., assignor to The Minster Machine Company, Minster, Ohio. Multiple drive press with multiple clutch. 2,577,641, Dec. 4.
Wistar, Richard, Oakland, Calif. Device for recording answers to examination questions. 2,540,363, Feb. 6.
Wistor, Joe W., Inyokern, Calif. Carburetor air cleaner. 2,570,623, Oct. 9.
Witbrod, Fred J., Chicago, Ill. Holder for wrist watch, pocket watch, indicator, and the like. 2,547,991, Apr. 10.
Witchey, Albert L., Merchantville, N. J., assignor to Radio Corporation of America. Loud-speaker with flexible diaphragm mounting. 2,560,379, July 10.
Witchger, Eugene J., assignor to The Lufkin Rule Company, Saginaw, Mich. Adjustable plug gauge. 2,563,984, Aug. 14.
Witek, Thomas A., assignor to Improved Tool & Manufacturing Company, Detroit, Mich. Chuck for holding pistons. 2,576,741, Nov. 27.
Withall, Albert P., assignor to W. H. Miner, Inc., Chicago, Ill. Friction shock absorbing mechanism for railway draft riggings. 2,555,431, June 5.
Withall, Albert P., assignor to W. H. Miner, Inc., Chicago, Ill. Friction shock absorber. 2,555,432, June 5.
Withall, Albert P., assignor to W. H. Miner, Inc., Chicago, Ill. Friction shock absorber. 2,558,116, June 26.
Withall, William E., Hinsdale, assignor to W. H. Miner, Inc., Chicago, Ill. Friction shock absorber for railway car trucks. 2,549,036, Apr. 17.
Withall, William E., Hinsdale, assignor to W. H. Miner, Inc., Chicago, Ill. Shock absorber for railway car trucks. 2,549,037, Apr. 17.
Withall, William E., Hinsdale, assignor to W. H. Miner, Inc., Chicago, Ill. Friction shock absorber for railway car trucks. 2,552,701, May 15.
Withall, William E., Hinsdale, assignor to W. H. Miner, Inc., Chicago, Ill. Friction snubber for railway car truck springs. 2,554,606, May 29.
Withall, William E., Hinsdale, assignor to W. H. Miner, Inc., Chicago, Ill. Friction shock absorber for railway car trucks. 2,558,117, June 26.
Withall, William E., Hinsdale, assignor to W. H. Miner, Inc., Chicago, Ill. Shock absorber for railway car trucks. 2,559,745, July 10.
Withall, William E., Hinsdale, assignor to W. H. Miner, Inc., Chicago, Ill. Friction shock absorber for railway car trucks. 2,565,671, Aug. 28.
Withall, William E., Hinsdale, assignor to W. H. Miner, Inc., Chicago, Ill. Shock absorber for railway car trucks. 2,565,672, Aug. 28.
Witham, Leonard, Oceanside, N. Y. Tool for cleaning and polishing tubing ends and fittings. 2,545,329, Mar. 13.
Withey, George C., Willow City, and R. E. Withey, Minot, N. Dak. Folding goose-duck decoy. 2,536,338, Jan. 2.
Withey, Robert E.: *See*—
Withey, George C. and R. E.
Withington, Lothrop, Jr.: *See*—
Batcheldel, Charles F., Jr., and Withington.
Withrow, Ralph A., Denver, Colo., and R. E. Colvard, Salt Lake City, Utah. Low-pressure and vacuum relief valve. 2,575,574, Nov 20.

Withrow, Warren C., Denver, Colo. Plant row and bin marker. 2,562,851, July 31.
Witmer, Harold G., Edgewood, assignor to The Union Switch & Signal Company, Swissvale, Pa. Traffic protection apparatus. 2,558,638, June 26.
Witt, Richard M., San Francisco, Calif., assignor, by mesne assignments, to Grove Regulator Company. Fluid pressure operating device. 2,537,563, Jan. 9.
Witt, Stanley: *See*—
Wolff, Samuel S., and Witt.
Wittcoff, Harold: *See*—
Jordan, Wesley A., and Wittcoff.
Roach, John R., and Wittcoff.
Wittcoff, Harold, and J. R. Roach, Minneapolis, Minn., assignors to General Mills, Inc. Polyhydric alcohols. 2,537,726, Jan. 9.
Wittcoff, Harold, and J. R. Roach, Minneapolis, Minn., assignors to General Mills, Inc. Alkyd resins. 2,572,085, Oct. 23.
Wittcoff, Harold, and J. R. Roach, Minneapolis, Minn., assignors to General Mills Inc. Rosin acid esters. 2,572,086, Oct. 23.
Witte, Arthur H., El Dorado Springs, Mo. Lawn edger. 2,537,727, Jan. 9.
Witte, Edward, Des Moines, Iowa. Trash sweeper. 2,551,861, May 8.
Witte, Michael, Nassau, assignor to General Aniline & Film Corporation, New York, N. Y. Preparing mononitro monocyclic aryl lower alkyl ethers. 2,569,431, Sept. 25.
Witte, William J., New Brunswick, N. J. Selective feeder for shank button blanks. 2,564,944, Aug. 21.
Wittel, Otto, assignor to Eastman Kodak Company, Rochester, N. Y. Interlocking motion-picture camera diaphragm and shutter release structure. 2,559,911, July 10.
Wittel, Otto, assignor to Eastman Kodak Company, Rochester, N. Y. Film-loop former. 2,570,176, Oct. 2.
Wittel, Otto, and C. E. Swing, assignors to Eastman Kodak Company, Rochester, N. Y. Lens mount and film gate arrangement for projection apparatus. 2,571,804, Oct. 16.
Witten, Benjamin: *See*—
Karel, Leonard, and Witten.
Wittenberg, Hubert H., Lancaster, Pa., assignor to Radio Corporation of America. Gas tube control. 2,549,654, Apr. 17.
Wittenberg, Hubert H., Lancaster, Pa., assignor to Radio Corporation of America. Protective system. 2,572,292, Oct. 23
Wittenberg, Roland C., Mineola, N. Y., assignor to The Sperry Corporation. Electronic switching circuit. 2,576,552, Nov. 27.
Witter, Lawrie L., trustee, assignee: *See*—
Emerson, Cherry L., Jr., and Cuming.
Wittgren, Charles, Chicago, assignor, by mesne assignments, to R. C. Brown, Jr., Highland Park, Ill., as trustee. Transfer sheet and method. 2,558,803, July 3.
Wittgren, Charles, Chicago, assignor, by mesne assignments, to R. C. Brown, Jr., Highland Park, Ill., as trustee. Transferring an image and transfer sheet therefor. 2,558,804, July 3.
Witthofft, Charles H., Detroit, assignor of one-half to J. F. Gohn, Grosse Ile, Mich. Bearing seal. 2,553,801, May 22.
Witthoft, Herbert C.: *See*—
Bunish, Stephen, and Witthoft.
Witthoft, Herbert C., Marion, Ind., assignor to Anaconda Wire and Cable Company. Rot-resistant insulated cable. 2,577,059, Dec. 4.
Wittle, Eugene L., and G. W. Moersch, assignors to Parke, Davis & Company, Detroit, Mich. Substituted pteridines and obtaining the same. 2,561,302, July 17.
Wittlin, Albert, and R. H. Lacart, Chicago, Ill.; said Lacart assignor to said Wittlin. Dehydration of refrigeration systems. 2,565,416, Aug. 21.
Wittmann, Joseph H., Los Angeles, Calif. Mixing receptable. 2,546,285, Mar. 27.
Wittman, Joseph J., Detroit, Mich. Piston regrooving tool. 2,570,416, Oct. 9.
Wittmayer, S. Alexander, New York, N. Y. Pivoted cover for ring watches and the like. 2,545,219, Mar. 13.
Wittmayer, Sandor A., New York, N. Y. Ear clip. 2,537,500, Jan. 9.
Wittmayer, Sandor A., New York, N. Y. Ear clip. 2,551,654, May 8.
Wittnebert, Frederick R., Chicago, Ill., assignor to The Parker Pen Company, Janesville, Wis. Fountain pen. 2,554,654, May 29.
Witucky, Leo A.: *See*—
Kojan, John J., and Witucky.
Witzke, Ernest C., Bayside, N. Y., assignor, by mesne assignments, to Combustion Engineering-Superheater, Inc. Furnace wall construction. 2,552,830, May 15.
Witzky, Julius E., Stuttgart-Cannstatt, and W. S. Lang and R. J. Jakob, Wendlingen-Neckar, Germany, assignors to the United States of America as represented by the Secretary of War. Counterbalanced crankshaft for internal-combustion engines. 2,568,576, Sept. 18.
Wix Accessories Corporation, assignee: *See*—
Alexander, Leon G., and Sherrill.
Sherrill, James W., and Alexander.
Wicks, John D., and Deaver.
Wixon, Paul E., Reisterstown, and C. E. Chapman, Baltimore, Md., assignors to J. Shapiro. Mechanism for die-cutting body blanks from continuous strip material. 2,545,401, Mar. 13.
Wixon, Paul E., and C. E. Chapman, Baltimore, Md., assignors to J. Shapiro. Paper cup making machine. 2,546,621, Mar. 27.
Wixon, Paul E., Reisterstown, and C. E. Chapman, Baltimore, Md., assignors to J. Shapiro. Paper feed mechanism for cupmaking machines. 2,565,162, Aug. 21.
Wizon, Irvin: *See*—
Cresswell, Arthur, and Wizon.
Wizon, Irvin, Springdale, Conn., assignor to American Cyanamid Company, New York, N. Y. Antistatic treatment of shaped articles comprising a vinyl resin and treated articles. 2,543,539, Feb. 27.
Wnetrzak, Albert, Chicago, Ill. Slaughtering pen. 2,537,387, Jan. 9.
Wnuk, Anthony F., assignor to Victor Metal Products Corporation, Brooklyn, N. Y. Extruding press. 2,559,207, July 3.
Wnuk, Joseph R., South Milwaukee, Wis. Lunch receptacle. 2,545,127, Mar. 13.
Wochos, Wenzel M., Jr., Elgin, and R. F. Waindle, Batavia, assignors to Elgin National Watch Company, Elgin, Ill. Protected ring gauge. 2,576,377, Nov. 27.
Wockenfuss, William, Union, N. J., assignor to Control Instrument Company, Inc., Brooklyn, N. Y. Carry over mechanism for tabulators. 2,557,585, June 19.
Wockenfuss, William, Union, N. J., assignor to Control Instrument Company, Inc., Brooklyn, N. Y. Sensing and analyzing means in recording machines. 2,562,249, July 31.
Wockenfuss, William, Union, N. J., assignor to Control Instrument Company, Inc., Brooklyn, N. Y. Accumulator control for tabulating machines. 2,562,250, July 31.
Wockenfuss, William, Union, N. J., assignor to Control Instrument Company, Inc., Brooklyn, N. Y. Card analyzing mechanism for tabulators. 2,562,251, July 31.
Wockenfuss, William, Union, N. J., assignor to Control Instrument Company, Inc., Brooklyn, N. Y. Change of designation control for tabulators. 2,562,252, July 31.
Wockenfuss, William, Union, N. J., assignor to Control Instrument Company, Inc., Brooklyn, N. Y. Printing mechanism for tabulators. 2,562,253, July 31.
Wockenfuss, William, Union, N. J., assignor to Control Instrument Company, Inc., New York, N. Y. Printing means for selective printing wires. 2,567,308, Sept. 11.
Wodetzky, Elmer, Lynnbrook, N. Y. Rod winding machine. 2,550,131, Aug. 24.
Wodicka, Virgil O.: *See*—
Martin, Charles F., and Wodicka.
Woelke, Dick, Edna, Kans. Combined mounting for ironing boards and irons. 2,568,211, Sept. 18.
Woellwarth, William D., Long Ditton, England. Apparatus for marking traffic lines on footpaths and roads. 2,543,395, Feb. 27.
Woermann, Jacob, assignee: *See*—
Yager, Victor, and Woermann.
Woerner, Irvin A., Fort Collins, Colo., assignor to R. L. Barmore, Wichita, Kans. Fish pole carrier. 2,552,879, May 15.
Woerner, Irvin A., Fort Collins, Colo. Machine for cutting and contouring the ends of pipes. 2,561,603, July 24.
Woessner, Carl: *See*—
Gottlieb, Joseph, Eickemeyer, and Woessner.
Woestemeyer, Francis B., Schenectady, N. Y., assignor to General Electric Company. Friction contact damper. 2,540,854, Feb. 6.
Woestemeyer, Francis B., Schenectady, N. Y., assignor to General Electric Company. Commutator timing mechanism. 2,577,172, Dec. 4.
Wofford, William T., assignee: *See*—
Fincher, Dewitt F. and H. T.
Wognum, James N., assignor to Acme Steel Company, Chicago, Ill. Strap stretching device. 2,569,623, Oct. 2.
Wohl, Benjamin, Lancaster, Pa. Key case. 2,545,012, Mar. 13.
Wohl, Robert J., U. S. Navy. Short wave antenna. 2,575,377, Nov. 20.
Wohler, Leonard A., Akron, and E. Schmidt, Cuyahoga Falls, assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Amines as gel-shrinkage reducing agents in synthetic-rubber sponge. 2,537,645, Jan. 9.
Wohlers, Herbert C.: *See*—
Johnson, Carl E., Wohlers, and Wagner.
Wohlk, Henning H., Spokane, Wash. Folding chair and table set. 2,539,603, Jan. 30.
Wohlstetter, Albert, assignee: *See*—
Wachsmann, Konrad.
Wohlstetter, Charles, assignee: *See*—
Wachsmann, Konrad.
Wohnsiedler, Henry P., Darien, and W. S. Sloatman, Jr., Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Amino-aldehyde resin plasticized with a polyvinyl acetal and a flow-promoting secondary plasticizer. 2,546,841, Mar. 27.
Wohnsiedler, Henry P., Darien, and J. F. Blais, South Norwalk, Conn., assignors to American Cyanamid Company, New York, N. Y. Thermosetting compositions comprising an aminoplast and alkyl amidines incorporated therein. 2,550,746, May 1.

Wohnsiedler, Henry P., Darien, and J. F. Blais, South Norwalk, Conn., assignors to American Cyanamid Company, New York, N. Y. Thermosetting compositions comprising an aminoplast and alkyl cyclic amidines incorporated therein. 2,550,747, May 1.

Wohnsiedler, Henry P., Darien, and W. M. Thomas, Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Melamine-formaldehyde resinous compositions and producing same. 2,563,630, Aug. 7.

Wojciechowski, Bogumil M., assignor to Western Electric Company, Incorporated, New York, N. Y. Bridge circuits. 2,554,164, May 22.

Wojciechowski, Bogumil M., assignor to Western Electric Company, Incorporated, New York, N. Y. Limit bridge detector. 2,576,059, Nov. 20.

Wojcik, Bruno H., and A. H. Maude, Niagara Falls, N. Y., assignors to the United States of America as represented by the United States Atomic Energy Commission. Production of xylene hexafluoride. 2,562,159, July 24.

Wojcik, Joseph S., Mansfield, Ohio, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Control mechanism. 2,572,553, Oct. 23.

Wojtowicz, Michael, assignor of one-half to J. B. Kerulis, Chicago, Ill. Toy and model railway car truck. 2,556,952, June 12.

Wolbaum, Harry, Braddock, N. Dak. Grinder attachment for electrical food mixers. 2,573,377, Oct. 30.

Wolcott, Glenn W.: *See*—
Wilks, Karl W., Jr., and Wolcott.

Wolcott, Glenn W., assignor to United Aircraft Products, Inc., Dayton, Ohio. Forming valve closures. 2,544,209, Mar. 6.

Wolcott, Samuel K., Jr., assignor to American-La France-Foamite Corporation, Elmira, N. Y. Balanced valve. 2,545,220, Mar. 13.

Wold, Eleanor, Los Angeles, Calif. Educational toy. 2,539,765, Jan. 30.

Wold, Erling A., Oslo, Norway. Pipe hanger. 2,542,172, Feb. 20.

Wold, Thomas F., Portland, Oreg. Paper fastener. 2,543,144, Feb. 27.

Wold, Trygve, assignor to Smith & Stone Limited, Georgetown, Ontario, Canada. Electric lamp socket for elongated tubular lamps. 2,555,524, June 5.

Woldring, Egbert, assignor to Arrow Products, Grand Rapids, Mich. Power tension elevating device. 2,578,871, Dec. 18.

Woleslagel, Ernest G., assignee: *See*—
Hampton, Willard F.

Wolf, Alexander, Houston, Tex., assignor to The Texas Company, New York, N. Y. Integration device for radioactivity measurements. 2,540,310, Feb. 6.

Wolf, Alexander, assignor to Keystone Development Corporation, Houston, Tex. Acoustical well sounder. 2,560,911, July 17.

Wolf, Alexander, Houston, Tex., assignor to The Texas Company, New York, N. Y. Strain measurement. 2,568,940, Sept. 25.

Wolf, Alexander, Houston, Tex., assignor to The Texas Company, New York, N. Y. Electrical analogues. 2,569,510, Oct. 2.

Wolf, Alexander, and B. D. Lee, Houston, Tex., assignors to The Texas Company, New York, N. Y. Electrical analogue. 2,569,817, Oct. 2.

Wolf, Anton, Heidelberg, Germany. Producing 3,4-dimethyl-5-phenyl-2-iminothiazolidines. 2,558,068, June 26.

Wolf, Charles: *See*—
Du Batto, Nicholas J., and Wolf.

Wolf, Donald E., Franklin Township, Union County, assignor to Merck & Co., Inc., Rahway, N. J. 2-hydroxypteroic acid and the n-formylated derivatives thereof. 2,580,059, Dec. 25.

Wolf, Donald E., Franklin Township, Somerset County, and K. Folkers, Plainfield, assignors to Merck & Co., Inc. Rahway, N. J. Biotin derivatives and preparing the same. 2,538,139, Jan. 16.

Wolf, Edgar F., and H. L. von Hohenleiten, assignors to Consolidated Gas Electric Light and Power Company of Baltimore, Baltimore, Md. Flexible rotary agitator for hoppers with variable eccentric mountings and spaced weights. 2,561,258, July 17.

Wolf, Edward, Stockton, Calif. Portable jack. 2,543,308, Feb. 27.

Wolf, Elwin L., assignee: *See*—
Hieb, Herbert.

Wolf, Ezekiel, assignee: *See*—
Di Giannantonio, Edmond P.
Kramer, Irving, and Rowe.

Wolf, Frank J., Westfield, assignor to Merck & Co., Inc., Rahway, N. J. 2-haloquinoxaline and preparing same. 2,537,870, Jan. 9.

Wolf, Frank J., Westfield, assignor to Merck & Co., Inc., Rahway, N. J. 2-aminoquinoxaline and preparing same. 2,537,871, Jan. 9

Wolf, Frank J., Westfield, assignor to Merck & Co., Inc., Rahway, N. J. Adsorption and elution of streptomycin employing columnar carbon. 2,538,140, Jan. 16.

Wolf, Frederick W., Brooklyn, N. Y. Self-supporting advertising or display device. 2,559,488, July 3.

Wolf, Frederick W., Brooklyn, N. Y. Collapsible advertising device. 2,559,489, July 3.

Wolf, Frederick W., Chicago, Ill. Sealed mailbag securing device. 2,543,217, Feb. 27.

Wolf, Howard W.: *See*—
Cashin, Frank J., and Wolf.

Wolf, Jacques, & Co., assignee: *See*—
Sellet, Lucien, and Dawson.

Wolf, James M., Boston, Mass., assignor, by mesne assignments, to the United States of America as represented by the Secretary of the Navy. Radio-frequency calorimeter wattmeter. 2,576,060, Nov. 20.

Wolf, James M., Sharon Hill, Pa., assignor to Johnson Service Company, Milwaukee, Wis. Electrical resonator. 2,566,050, Aug. 28.

Wolf, Joseph L., Tampa, Fla. Beach pillow. 2,563,700, Aug. 7.

Wolf, Leo, Chicago, Ill. Portable receptacle. 2,542,173, Feb. 20.

Wolf, Lloyd J., assignor to Twin Disc Clutch Company, Racine, Wis. Cam released clutch. 2,561,833, July 24.

Wolf, Paul A.: *See*—
Coleman, Gerald H., and Wolf.

Wolf, Ralph F., Akron, Ohio. White sidewall tire. 2,574,233, Nov. 6.

Wolf, Raymond A., Maplewood, N. J., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Burning off hollow glassware. 2,570,899, Oct. 9.

Wolf, Robert E., Waukesha, Wis. Traction attachment for vehicle wheels. 2,576,868, Nov. 27.

Wolf, Robert J., Cleveland, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Interpolymers of an alkyl acrylate, an aromatic monoolefin, and a vinyl ester of an aromatic monocarboxylic acid. 2,548,186, Apr. 10.

Wolf, Robert J., Cleveland, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Inherently processable interpolymers of vinyl chloride, vinyl aromatic ester, and higher alkyl acrylate. 2,570,900, Oct. 9.

Wolf, Robert J., Lakewood, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Homopolymerization of vinyl chloride in aqueous medium with phenol-aldehyde condensation product as emulsifying agent. 2,564,291, Aug. 14.

Wolf, Robert J., Lakewood, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Polymerization of monomeric vinyl chloride in the presence of aqueous acetic acid solution and a peroxygen type catalyst. 2,564,292, Aug. 14.

Wolf, Victor, Limited, assignee: *See*—
Rosenbusch, Richard.

Wolf, William C., Potosi, Mo. Recovering barite from its native materials. 2,546,247, Mar. 27.

Wolfberg, Harris P.: *See*—
Rembusch, Trueman T., and Wolfberg.

Wolfe, Edgar L.: *See*—
Maurer, William D., and Wolfe.

Wolfe, Floyd M., Denver, Colo. Automatic safety shutoff system for gas burners comprising two latching means. 2,555,433, June 5.

Wolfe, Fred U., North, S. C. Christmas stocking hanger. 2,536,407, Jan. 2.

Wolfe, H. Hix, assignor to The Dayton Pump and Manufacturing Company, Dayton, Ohio. Hose for dispensing pumps. 2,544,119, Mar. 6.

Wolfe, H. Hix, assignor to The Dayton Pump and Manufacturing Company, Dayton, Ohio. Hose for dispensing pumps. 2,544,120, Mar. 6.

Wolfe, H. Hix, assignor to The Dayton Pump and Manufacturing Company, Dayton, Ohio. Flow indicator. 2,549,276, Apr. 17.

Wolfe, H. Hix, assignor to The Dayton Pump and Manufacturing Company, Dayton, Ohio. Shutter arrangement for indicators. 2,573,083, Oct. 30.

Wolfe, H. Hix, and H. E. Butler, assignors to The Dayton Pump and Mfg. Company, Dayton, Ohio. Hose coiling device. 2,544,121, Mar. 6.

Wolfe, Harley H., assignor to The Dayton Pump and Manufacturing Company, Dayton, Ohio. Dispensing pump having motor-driven hose retraction. 2,545,063, Mar. 13.

Wolfe, Harry H., assignor to The Buckeye Steel Castings Company, Columbus, Ohio. Pin retaining means. 2,544,288, Mar. 6.

Wolfe, Harry H., assignor to The Buckeye Steel Castings Company, Columbus, Ohio. Railway draft appliance. 2,545,330, Mar. 13.

Wolfe, Harry H., assignor to The Buckeye Steel Castings Company, Columbus, Ohio. Car coupler. 2,568,312, Sept. 18.

Wolfe, Harry H., assignor to The Buckeye Steel Castings Company, Columbus, Ohio. Locomotive pilot and coupler therefor. 2,577,495, Dec. 4.

Wolfe, John D.: *See*—
Hamilton, Francis E., Hayes, and Wolfe.

Wolfe, John E., Manhattan, Kans., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. High-frequency wavemeter. 2,572,232, Oct. 23.

Wolfe, John K.: *See*—
Beck, Lloyd W., Gilbert, and Wolfe.
Zisman, William A., Murphy, and Wolfe.

Wolfe, John K., Burnt Hills, N. Y., assignor to General Electric Company. 3,3'-bis-(trifluoromethyl) diphenyl ether. 2,547,679, Apr. 3.

Wolfe & Lang, Inc., assignee: *See*—
Spetalnik, Mack.

Wolfe, Martin E.: *See*—
Eitel, William W., and Wolfe.
Wolfe, Orrin J., Bellingham, Wash. Cantilevered trailer wheel suspension. 2,566,393, Sept. 4.
Wolfe, Robert W., Royal Oak, assignor to Chrysler Corporation, Highland Park, Mich. Squeak inhibiting seal construction for fluid power transmitting devices. 2,574,808, Nov. 13.
Wolfe, Thomas: *See*—
Londerman, John L., and Wolfe.
Wolfer, Duane C., Vanport City, assignor of one-half to E. S. Hokanson, McMinnville, Oreg. Mopping apparatus. 2,577,496, Dec. 4.
Wolfer, Elmer J., assignee: *See*—
Stafford, Walter R.
Wolfert, Edward R.: *See*—
Ashbaugh, John H., and Wolfert.
Wolff, Emanuel, Philadelphia, Pa., assignor, by mesne assignments, to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Automatic stem lock for diaphragm valves. 2,575,402, Nov. 20.
Wolff, Ernst A., Plainfield, assignor to Merck & Co., Inc., Rahway, N. J. Mothproofing composition and the application thereof to fabrics from dry cleaner's solvent. 2,540,311, Feb. 6.
Wolff, Hans, assignor to A. E. Staley Manufacturing Company, Decatur, Ill. Protein modification. 2,554,479, May 22.
Wolff, Ivan A., Peoria, Ill., assignor to the United States of America as represented by the Secretary of Agriculture. Starch carbamates. 2,562,978, Aug. 7.
Wolff, Irving: *See*—
Giacoletto, Lawrence J., and Wolff.
Wolff, Julia P., New York, N. Y. Eyelash curler. 2,565,541, Aug. 28.
Wolff, Lewis, New York, N. Y. Putty tool. 2,559,553, July 3.
Wolff, Nathan, St. Louis, Mo. Daylight developing tank for photographic roll films. 2,577,440, Dec. 4.
Wolff, Otto E.: *See*—
Greenhalgh, John, and Wolff.
Wolff, Otto E., assignor of one-fourth to Polaroid Corporation, Cambridge, Mass. Overload release coupling. 2,543,396, Feb. 27.
Wolff, Otto E., assignor to Polaroid Corporation, Cambridge, Mass. Photographic product and apparatus. 2,554,889, May 29.
Wolff, Otto E., Cambridge, Mass. String instrument. 2,558,893, July 3.
Wolff, Otto E., Cambridge, M. N. Fairbank, and C. O. Rolando, Belmont, assignors to Polaroid Corporation, Cambridge, Mass. Photographic apparatus. 2,554,890, May 29.
Wolff, Robert L.: *See*—
Khouri, Alfred S., and Wolff.
Wolff, Samuel S., Clayton, assignor to Century Electric Company, St. Louis, Mo. Switch for dynamoelectric machines. 2,570,998, Oct. 9.
Wolff, Samuel S., Clayton, and S. Witt, St. Louis, Mo., assignors to Century Electric Company. Reversing control for dynamoelectric machines. 2,545,639, Mar. 20.
Wolff, Saul K., Long Beach, N. Y. Outdoor grill. 2,575,082, Nov. 13.
Wolfinbarger, J. M., assignee: *See*—
Wagers, Beverly T.
Wolfner, Alfred S., Boston, Mass. Thermal system. 2,548,508, Apr. 10.
Wolfner, William F., II, New York, N. Y., assignor, by mesne assignments, of twenty-five per cent to J. O. Coit, Jr., and seventy-five per cent to L. A. Wien. Film advancing mechanism in a sound-picture strip projector. 2,575,203, Nov. 13.
Wolford, Fred H.: *See*—
Lowber, David D., and Wolford.
Wolford, Ruth E., Prosser, Wash. Dental appliance. 2,563,507, Aug. 7.
Wolfram, John N.: *See*—
Hartley, Emmett C., and Wolfram.
Wolfskill, John M., Erie, Pa. Piezoelectric crystal lapping apparatus. 2,539,561, Jan. 30.
Wolfskill, Roy F., Richland, and J. Mellor, Palmyra, Pa. Manufacturing welted shoes. 2,573,752, Nov. 6.
Wolfson, David, and H. Seiden, Far Rockaway, N. Y. Flexible antipicking blinder for poultry. 2,573,942, Nov. 6.
Wolfson, Joel, Bayonne, N. J. Drill vise and jig. 2,556,131, June 5.
Wolk, Eugenio, Venice, assignor to Pirelli Società Per Azioni, Milan, Italy. Protective garment for divers. 2,570,019, Oct. 2.
Wolk, Michael S., Chicago, Ill. Film viewing editor. 2,551,482, May 1.
Wolk, Raymond B., St. Louis, Mo. Winding reel. 2,572,417, Oct. 23.
Wolke, Richard W., Schenectady, N. Y., assignor to General Electric Company. Magnetic shuttle detector. 2,567,751, Sept. 11.
Wollan, Ernest O., and L. A. Pardue, Oak Ridge, Tenn., assignors to the United States of America as represented by the United States Atomic Energy Commission. Radiation detector. 2,536,991, Jan. 2.
Wollensak Optical Company, assignee: *See*—
Pirwitz, Friedrich A., Gustav, G. P., and Sutton.
Wollentin, Robert W.: *See*—
Nagy, Rudolph, and Wollentin.
Wollentin, Robert W., Verona, and R. Nagy, Bloomfield, N. J., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Phosphor and making. 2,563,900, Aug. 14.
Woller, Edward E., assignor to Simmons Company, Kenosha, Wis. Concealed bed. 2,565,417, Aug. 21.
Woller, Edward E., assignor to Simmons Company, Kenosha, Wis. Wall bed. 2,577,223, Dec. 4.
Wollin, David W.: *See*—
La Raus, Julius, and Wollin.
Wollwage, John C.: *See*—
Catlin, John B., and Wollwage.
Wolman, Irving J., Philadelphia, Pa. Measured volume liquid dropper. 2,579,718, Dec. 25.
Wolnak, Bernard: *See*—
Miner, Carl S., Jr., and Wolnak.
Wolny, Joseph, Boulder, Colo. Screw holding screw driver. 2,576,742, Nov. 27.
Wolowitz, William H., Washington, D. C. Reversible printing plate. 2,540,704, Feb. 6.
Wolowitz, William H., Washington, D. C. Preparing record cards with conductive marks. 2,557,022, June 12.
Wolowitz, William H., Washington, D. C. Stamp carrier card. 2,568,427, Sept. 18.
Woltemath, Edgar C., Denver, Colo. Combination hand ax and saw. 2,576,869, Nov. 27.
Wolter, Frederick J.: *See*—
Iler, Ralph K., and Wolter.
Wolters, Carl F., Kenmore, assignor to Remington Rand Inc., Buffalo, N. Y. Accountant's apparatus. 2,564,589, Aug. 14.
Wolters, Carl F., New Canaan, Conn., assignor to Remington Rand Inc., New York, N. Y. Book unit rack. 2,537,565, Jan. 9.
Wolters, Carl F., New Canaan, Conn., assignor to Remington Rand Inc., Buffalo, N. Y. Progressive drawer suspension. 2,561,163, July 17.
Wolters, Carl F., and N. Y. Andersen, Kenmore, assignors to Remington Rand Inc., Buffalo, N. Y. Visible offset card file. 2,537,564, Jan. 9.
Wolters, Carl F., New Canaan, Conn., and G. E. Watkins, Kenmore, assignors to Remington Rand Inc., New York, N. Y. Flexible curtain for sectional desks. 2,567,536, Sept. 11.
Woltz, Charles R., Laurel, Md. Soldering iron and support therefor. 2,550,748, May 1.
Wolverhampton Die-Casting Company Limited, The, assignee: *See*—
Whitehead, Robert.
Wolverine Supply and Manufacturing Company, assignee: *See*—
Goriup, Frank J.
Womack, Isabelle J., Scotch Plains, N. J. Transparent sanitary enclosure. 2,565,011, Aug. 21.
Womack, Sherman E.: *See*—
Woodcock, Charles A., and Womack.
Womack, Sherman E.: *See*—
Woodcock, Charles A., Womack, and Hobbs.
Wonenberg, Samuel, Buhl, Idaho. Tractor phosphate and lime distributor. 2,546,576, Mar. 27.
Wong, James: *See*—
Kondakow, Mikolaj, and Wong.
Woock, Herbert J., Alhambra, assignor to H. E. Linden, Los Angeles, Calif. Renewable plow edge. 2,548,458, Apr. 10.
Woock, Herbert J., and R. K. Cadwell, Alhambra, Calif. Shoe mounting for impact crushers. 2,551,862, May 8.
Woock, Walter R. J., Lodi, Calif. Mineral separator. 2,558,639, June 26.
Wood, Albert E.: *See*—
Goldschmidt, Rudolf, and Wood.
Wood, Albert E., South Yardley, Birmingham, and R. Goldschmidt, Eckington, Sheffield, assignors to The Birmingham Small Arms Company Limited, Birmingham, England. Cycle and to electric generator for use therewith. 2,544,872, Mar. 13.
Wood, Arthur C.: *See*—
Forcier, Walter S., and Wood.
Wood, Bennie A., assignor, by mesne assignments, to Soapsudzer, Incorporated, Memphis, Tenn. Apparatus for treating a soap bar. 2,538,720, Jan. 16.
Wood, Charles R., Flippin, Ky. Overall pocket. 2,543,216, Feb. 27.
Wood, Charles W., Nutley, N. J., assignor to General Electric Company. Snap action switch. 2,574,429, Nov. 6.
Wood, Claude O., assignor to Goodman Manufacturing Company, Chicago, Ill. Electrical control system. 2,574,520, Nov. 13.
Wood, Clifford: *See*—
Coffey, Samuel, Haddock, Lodge, Wardleworth, and Wood.
Haddock, Norman H., and Wood.
Wood, Conrad, assignor to Wood Manufacturing Company, El Dorado, Ark. Fish lure. 2,579,991, Dec. 25.
Wood Conversion Company, assignee: *See*—
Duvall, Thure C.
Heritage, Clark C.
Heritage, Clark C., and Van Beckum.
Smith, Judson P.

Wood, Daniel B., Bowling Green, Ky. Stand-up golf bag. 2,551,780, May 8.
Wood, David H., B. Green, and H. J. Roe, Knowle, England. Hopper, with valve closure having vibrator therein, for sand and other divided material. 2,569,085, Sept. 25.
Wood, David S., Sierra Madre, Calif. Extensometer. 2,543,429, Feb. 27.
Wood, David S., Sierra Madre, Calif., assignor to the United States of America as represented by the Secretary of the Air Force. Rapid load testing machine. 2,576,433, Nov. 27.
Wood, Earl S., assignor to Whitin Machine Works, Whitinsville, Mass. Spindle for use in textile machines. 2,536,618, Jan. 2.
Wood, Earl S., assignor to Whitin Machine Works, Whitinsville, Mass. Spindle for use in textile machines. 2,541,802, Feb. 13.
Wood, Edward L.: *See*—
Kern, Arthur E., and Wood.
Wood Electro Process Company, assignee: *See*—
Wood, Harold P.
Wood, Frank, Jr., Fort Worth, Tex. Multiple spout container. 2,577,293, Dec. 4.
Wood, Frank J., Jr., New Rochelle, assignor to E. Loewy, New York, N. Y. Cutting apparatus. 2,548,459, Apr. 10.
Wood, Fredric E., Oak Park, assignor to Automatic Electric Laboratories, Inc., Chicago, Ill. Electromagnetic relay contact. 2,541,398, Feb. 13.
Wood, Geoffrey H., Toronto, Ontario, Canada, and L. T. Ward, assignors to Prel Incorporated, East Orange, N. J. Pressure dispensing device. 2,546,808, Mar. 27.
Wood, George, assignor to Vickers-Armstrongs Limited, London, England. Removing foreign bodies from feed regulators of pressure fed hydraulic supply circuits. 2,536,896, Jan. 2.
Wood, George, assignor to Vickers-Armstrongs Limited, London, England. Reversible transmission gear for marine engines and the like. 2,536,897, Jan. 2.
Wood, George, assignor to Vickers-Armstrongs Limited, London, England. Synchronous mechanical clutch. 2,561,765, July 24.
Wood, George B., Jr.: *See*—
Alfaro, Heraclio, and Wood.
Wood, George H., Jr.: *See*—
Farnworth, Edwin, and Wood.
Wood, George R., assignor to Toledo Scale Company, Toledo, Ohio. Coffee mill. 2,549,275, Apr. 17.
Wood, George R., assignor to Toledo Scale Company, Toledo, Ohio. Housing for coffee mills. 2,554,888, May 29.
Wood, George R., assignor to Toledo Scale Company, Toledo, Ohio. Indicator drive structure for coffee mills. 2,563,768, Aug. 7.
Wood, George R., assignor to Toledo Scale Company, Toledo, Ohio. Bag holder for coffee mills. 2,566,279, Aug. 28.
Wood, George W.: *See*—
Neiman, Charles H., Jr., and Wood.
Wood, George W., G. M. Shaw, and J. A. Scott, Magog, Quebec, Canada. Nursing doll. 2,572,795, Oct. 23.
Wood, Glenn D., assignor to Posture Research Institute, Inc., Elkhart, Ind. Chair having a resilient back rest. 2,570,177, Oct. 2.
Wood, Harold P., North Berwick, assignor to Wood Electro Process Company, South Berwick, Maine. Apparatus for drying wood. 2,543,618, Feb. 27.
Wood, Harold P., North Berwick, assignor to Wood Electro Process Company, South Berwick, Maine. Drying lumber. 2,567,983, Sept. 18.
Wood, Homer J., assignor to The Garrett Corporation, Airesearch Manufacturing Company division, Los Angeles, Calif. Pneumatic follow-up pressure regulator. 2,562,684, July 31.
Wood, Horace, Jr., Wakefield, Mass., assignor to Monsanto Chemical Company, St. Louis, Mo. Tracing cloth and the like and preparing same. 2,537,111, Jan. 9.
Wood, Hubert, assignor to Ferranti Limited, Hollinwood, England. Superregenerative wave-signal receiver. 2,552,914, May 15.
Wood, Hubert, assignor to Ferranti Limited, Hollinwood, England. Wave-signal responder system. 2,576,495, Nov. 27.
Wood, J. B., Corporation, assignee: *See*—
Tatro, Lysle G.
Wood, James E., Evanston, assignor to Santay Corporation, Chicago, Ill. Steering wheel spinner. 2,567,901, Sept. 11.
Wood, James R., assignor to Harris-Seybold Company, Cleveland, Ohio. Sheet tail accelerating device for sheet feeders. 2,571,805, Oct. 16.
Wood, James R., assignor to Harris-Seybold Company, Cleveland, Ohio. Sheet tail accelerating device for sheet feeders. 2,571,806, Oct. 16.
Wood, James T., assignor to The Strand Electric and Engineering Company Limited, London, England. Control of stage, decorative, or similar lighting apparatus. 2,550,317, Apr. 24.
Wood, Joe H., Ponchatoula, La. Electric gate. 2,540,562, Feb. 6.
Wood, John, Manufacturing Company, Inc., assignee: *See*—
Martin, Earnest E.
Willson, David S.
Wood, John R., Burbank, Calif., assignor of one-third to J. R. Wood, one-third to T. J. Wood, Sr., and one-third to T. J. Wood, Jr., joint trustees. Electric socket member having plug-in openings for the prongs of a plurality of plugs. 2,576,165, Nov. 27.
Wood, John R., Lakewood, Ohio, assignor of one-third to J. R. Wood, one-third to T. J. Wood, Sr., and one-third to Thomas J. Wood, Jr., joint trustees. Christmas tree illumination system. 2,558,029, June 26.
Wood, John T., Southport, England. Apparatus for delivering weighed quantities of dough. 2,538,346, Jan. 16.
Wood, Joseph D., Strafford Village, Tedyffrin Township, assignor to I-T-E Circuit Breaker Company, Philadelphia, Pa. Ground testing device. 2,579,992, Dec. 25.
Wood, Joseph D., Upper Darby, assignor to I. T. E. Circuit Breaker Company, Philadelphia, Pa. Time delay circuit breaker. 2,544,519, Mar. 6.
Wood, Joseph D., Upper Darby, assignor to I-T-E Circuit Breaker Company, Philadelphia, Pa. Circuit breaker. 2,545,402, Mar. 13.
Wood, Joseph D., Upper Darby, and G. W. Spicer, assignors to ITE Circuit Breaker Company, Philadelphia, Pa. High-voltage cell structure. 2,563,441, Aug. 7.
Wood, Joseph E., Toronto, Ontario, Canada. Revolving advertising display machine. 2,555,070, May 29.
Wood, Joseph E., Toronto, Ontario, Canada. Card displaying apparatus. 2,577,596, Dec. 4.
Wood, Joseph K., assignor to General Spring Corporation, New York, N. Y. Sway brace. 2,574,309, Nov. 6.
Wood, Lawrence A., Jr., and E. D. O'Mahony, Indianapolis, Ind., assignors to Radio Corporation of America. Plastic compositions containing corn proteins and making. 2,536,339, Jan. 2.
Wood, Leonard: *See*—
Waters, Edmund, and Wood.
Wood, Louis S., Burlingame, Calif. Hydraulic valve. 2,538,928, Jan. 23.
Wood, Louis S., Burlingame, Calif. Truck body side rail. 2,555,263, May 29.
Wood, Louvan E., Glen Arm, assignor to Bendix Aviation Corporation, Baltimore, Md. Apparatus for shipboard wind measurement. 2,567,984, Sept. 18.
Wood, Madelyn, Leicester, Mass. Tooth clamping device for combs. 2,577,098, Dec. 4.
Wood Manufacturing Company, assignee: *See*—
Wood, Conrad.
Wood, Myron D., Haddon Heights, N. J. Liquid level indicator. 2,579,717, Dec. 25.
Wood Newspaper Machinery Corporation, assignee: *See*—
Ricards, Charles L., and Tornberg.
Roesen, Oscar C., Ricards, and Tollison.
Tollison, Paul L., and Ricards.
Wood, Paul J., Danville, Ill. Apparatus for measuring apparent density of flour, meal, and the like. 2,578,118, Dec. 11.
Wood, Richard J., assignee: *See*—
Cullen, Ernest E.
Wood, Roger H., Tomah, Wis. Nonfreezing oil system. 2,570,898, Oct. 9.
Wood, Stephen L., assignee: *See*—
Ebert, Frances.
Wood, Thomas F., Clifton, N. J., assignor to Burton T. Bush, Inc., New York, N. Y. Preparation of 1-dibenzylamino-2-haloethanes and salts thereof. 2,540,155, Feb. 6.
Wood, Thomas J., Jr., trustee, assignee: *See*—
Wood, John R.
Wood, Thomas J., Sr., trustee, assignee: *See*—
Wood, John R.
Wood, Thomas R.: *See*—
Rickes, Edward L., and Wood.
Wood, Walter: *See*—
Williams, Victor G., Wood, and Bateman.
Wood, William H., Arden, Del., assignor, by mesne assignments, to the United States of America as represented by the Secretary of War. Stabilized vesicant agent. 2,536,482, Jan. 2.
Wood, William H., Mantua, assignor to Harris-Seybold Company, Cleveland, Ohio. Explosive containing nitroparaffin. 2,551,554, May 1.
Wood, William S., Harpenden, and G. Clennett, Luton, England, assignors to Laporte Chemicals Limited. Manufacture of zinc peroxide. 2,563,442, Aug. 7.
Wood, William W., Jr., assignor to Link Aviation, Inc., Binghamton, N. Y. Map reading and dead reckoning trainer. 2,554,394, May 22.
Wood, Vernon D., Los Angeles, Calif. Brush and scraper unit. 2,576,325, Nov. 27.
Woodall-Duckham Vertical Retort and Oven Construction Company (1920) Limited, assignee: *See*—
Nash, Cyril W.
Woodard, Forrist W., assignee: *See*—
Ragin, Douglas H.
Woodard, Harry W., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Welding method and apparatus. 2,572,796, Oct. 23.
Woodard, Horace C., Elmwood, Mass. Ventilator. 2,565,901, Aug. 28.

Woodard, Walter M., Willoughby, and A. E. Taylor, Mentor, assignors to Bready Tractor & Implement Company, Solon, Ohio. Braking device for agricultural vehicles. 2,558,917, July 3.
Woodberry, David L., Fort Lauderdale, Fla. Awning. 2,559,058, July 3.
Woodburn, Harold G., Munhall, Pa. Kitchen utensil. 2,574,679, Nov. 13.
Woodbury, Clifford A.: *See*—
Fassnacht, Hartwell H., and Woodbury.
Woodbury, Glen P., Reading, Mass., assignor to Stapling Machines Co., Rockway, N. J. Apparatus for manufacturing box constructions. 2,547,514, Apr. 3.
Woodbury, Karl H.: *See*—
Hunt, Walter D., and Woodbury.
Woodbury, Linna L., Kansas City, Mo. Venetian blind tape protector. 2,566,474, Sept. 4.
Woodcock, Charles A., and S. E. Womack, assignors to John W. Hobbs Corporation, Springfield, Ill. Mercury switch. 2,551,520, May 1.
Woodcock, Charles A., S. E. Womack, and J. W. Hobbs, Springfield, Ill., assignors to John W. Hobbs Corporation, Springfield, Ill. Plunger type switch. 2,572,294, Oct. 23.
Woodcock, Charles H., assignor to The Atlantic Refining Company, Philadelphia, Pa. Tube cutter. 2,538,890, Jan. 23.
Woodcock, Irene: *See*—
Borglin, Joseph N., and Woodcock.
Woodcock, Jack, Stourport, and J. K. Paridge, Bewdley, England, assignors to Steatite and Porcelain Products Limited. Ceramic insulating bodies and making. 2,541,140, Feb. 13.
Woodcock, Jack, and J. K. Paridge, Stourport-on-Severn, England, assignors to Steatite and Porcelain Products Limited. Ceramic dielectrics comprising essentially titania. 2,576,378, Nov. 27.
Woodcock, Jack, and J. K. Paridge, Stourport-on-Severn, England, assignors to Steatite and Porcelain Products Limited. Ceramic dielectrics comprising essentially titania. 2,576,379, Nov. 27.
Woodcock, Jack, and J. K. Paridge, Stourport-on-Severn, England, assignors to Steatite and Porcelain Products Limited. Ceramic dielectrics comprising essentially titania. 2,576,380, Nov. 27.
Wooddell, Charles E., G. Van Nimwegen and E. T. Hager, assignors to The Carborundum Company, Niagara Falls, N. Y. Abrasive article. 2,577,060, Dec. 4.
Woodhouse, Fred N., and C. E. Swing, assignors to Eastman Kodak Company, Rochester, N. Y. Film winding and rewinding mechanism. 2,571,807, Oct. 16.
Wooding, William M., Springdale, Conn., assignor to American Cyanamid Company, New York, N. Y. Treating nonfibrous regenerated cellulose. 2,546,575, Mar. 27.
Woodington, George L.: *See*—
Hirst, Charles D., and Woodington.
Woodington, Vera J., assignee: *See*—
Hirst, Charles D., and Woodington.
Woodland, Cecil R., assignor to Automatic Telephone & Electric Company, Limited, Liverpool, England. Pneumatically operated electrical switching device. 2,557,902, June 19.
Woodland, Edward F., Youngstown, Ohio. Cabinet lid. 2,557,211, June 19.
Woodlief, William H., Cleveland Heights, assignor to Republic Steel Corporation, Cleveland, Ohio. Pressure testing of pipe. 2,565,460, Aug. 21.
Woodliff, Paoli G., Houston, Tex., assignor to Mohr Lino-Saw Company, Chicago, Ill. Slug receiver. 2,563,147, Aug. 7.
Woodling, George V., Cleveland, Ohio. Threaded contractible ring sleeve. 2,541,141, Feb. 13.
Woodling, George V., Cleveland, Ohio. Turnable coupling member. 2,543,087, Feb. 27.
Woodling, George V., Cleveland, Ohio. Turnable coupling member. 2,543,088, Feb. 27.
Woodling, George V., Cleveland, Ohio. Contractible sleeve for tube fittings. 2,553,619, May 22.
Woodling, George V., Cleveland, Ohio. Flareless tube connection. 2,579,529, Dec. 25.
Woodman, Charles K., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Shoe pressing machine. 2,575,436, Nov. 20.
Woodmanse Mfg. Co., assignee: *See*—
Young, Le Roy R., and Spangberg.
Woodmansee, Herbert H., assignor of fifty-one per cent to R. D. Jenkins, Bruce, Wis. Power-operated portable wrench. 2,558,407, June 26.
Woodmansee, Truman: *See*—
Harvey, Ora A., and Woodmansee.
Woodring, William B., and O. K. Reinhardt, assignors to Olin Industries, Inc., New Haven, Conn. Dry cell and making same. 2,546,379, Mar. 27.
Woodruff, Arthur B.: *See*—
Harrold, Charles W., and Woodruff.
Woodruff Associates, assignee: *See*—
Woodruff, Chester M.
Woodruff, Cecil B., Detroit, Mich. Adjustable gate for door openings. 2,574,807, Nov. 13.
Woodruff, Chester M., assignor to Woodruff Associates, Los Angeles, Calif. Fruit juice extractor with reciprocating and rotating fruit holders. 2,540,772, Feb. 6.
Woodruff & Edwards, Inc., assignee: *See*—
Sievert, Bernard E.
Woodruff, Eugene H., assignor to The Upjohn Company, Kalamazoo, Mich. Beta - (pyrrolidyl - 1) - propanol-2. 2,552,502, May 8.
Woodruff, Henry S., Cazenovia, assignor to The Variflame Corporation, White Plains, N. Y. Thermostatically controlled vaporizing fuel burner. 2,569,877, Oct. 2.
Woodruff, Jackson A., St. Davids, Pa., assignor to American Viscose Corporation, Wilmington, Del. Dyeing of vinyl and vinylidene resins with acid dyes dissolved in certain glycol ethers and esters. 2,537,177, Jan. 9.
Woodruff, Maurice D., assignor to The Bauer Bros. Company, Springfield, Ohio. Temperature controlled mill base. 2,568,783, Sept. 25.
Woodruff, Roy P., Vallejo, Calif. Retractable steering knob. 2,579,165, Dec. 18.
Woodruff, Virgil R., Spokane, Wash. Fur shaper. 2,565,833, Aug. 28.
Woods, Dorothy M., Springfield, Mass. Adjustable fastening means for sanitary napkins. 2,541,629, Feb. 13.
Woods, Gilbert F.: *See*—
Bartlett, Paul D., and Woods.
Woods, James L., assignee: *See*—
Robbins, Walter R.
Woods, John E., Cohasset, assignor to Standard-Thomson Corporation, Boston, Mass. Thermostatic control device. 2,544,208, Mar. 6.
Woods, John E., Cohasset, assignor to Standard-Thomson Corporation, Boston, Mass. Control means for heat exchange apparatus. 2,580,149, Dec. 25.
Woods, Philip H., Raleigh, N. C. Machine for bending pipes. 2,555,723, June 5.
Woods, Robert C.: *See*—
Fua, Frederic, and Woods.
Woods, S. A., Machine Company, assignee: *See*—
Carlson, Lewis B.
Woods, Samuel J., Newport, R. I. Serving machine. 2,579,993, Dec. 25.
Woods, Thomas R., Redding, Calif. Vise having floating-type cam-operated jaw. 2,553,802, May 22.
Woods, William E., assignor to National Organ Supply Company, Erie, Pa. Self-sealing cap. 2,550,132, Apr. 24.
Woods, William O., Erie, Pa., assignor to General Electric Company. Vehicle electrical distribution system. 2,563,571, Aug. 7.
Woodside, Albert L.: *See*—
Woodside, Charles E., Smith, Woodside, and Armstrong.
Woodside, Charles E., Spokane, and W. R. Smith, Colfax, Wash., A. L. Woodside, Butte, Mont., and Z. A. Armstrong, San Diego, Calif. Electric outlet socket and plug. 2,562,592, July 31.
Woodson, Riley D.: *See*—
Wardrip, James J., and Woodson.
Woodson, Thomas T., Bridgeport, Conn., assignor to General Electric Company. Spin basket and casing for clothes-washing machines. 2,554,229, May 22.
Woodson, Thomas T., Fairfield, Conn., assignor to General Electric Company. Control for automatic washing machines. 2,561,257, July 17.
Woodstock, Willard H., Lincolnshire, Crete, Ill., assignor to Victor Chemical Works. Reaction products of olefin oxides and P_2O_5 or P_2S_5, and forming the same. 2,568,784, Sept. 25.
Woodthorpe, Albert, Toronto, Ontario, Canada. Remedial foot support. 2,576,247, Nov. 27.
Woodward, Charles F.: *See*—
Weil, Leopold, Woodward, Howard, and Keil.
Woodward, Charles F., Abington, Pa., and E. L. Mayer, Yorba Linda, Calif., assignors to the United States of America as represented by the Secretary of Agriculture. Insecticidal composition comprising nicotine sulfate and 4,4'-dichlorodiphenyl sulfide. 2,572,898, Oct. 30.
Woodward, Clarence M., Washington, D. C. Demountable beam compass. 2,567,265, Sept. 11.
Woodward, Clement A., Wellesley, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Tuning indicator for radios and the like. 2,549,655, Apr. 17.
Woodward, Daniel V., Chicago, Ill. Portable power-driven saw. 2,537,501, Jan. 9.
Woodward, David W., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Light sensitive elements for color photography. 2,567,750, Sept. 11.
Woodward, David W., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Copolymers of hydrogen cyanide and their preparation. 2,579,061, Dec. 18.
Woodward, Edward E., San Francisco, Calif. Piston aligning mechanism. 2,541,318, Feb. 13.
Woodward, Eric R., New York, N. Y., assignor to Mathieson Chemical Corporation. Oxidation of petroleum hydrocarbons. 2,573,751, Nov. 6.
Woodward, George A., Jr., Miami Springs, Fla. Boundary layer control and intake system for aircraft. 2,580,339, Dec. 25.
Woodward Governor Company, assignee: *See*—
Drake, George F.
Gillespie, Sidney L.
Parker, George E.
Woodward, Oakley M., Jr., Princeton, N. J., assignor to Radio Corporation of America. Diplexing network. 2,539,651, Jan. 30.

Woodward, Oakley M., Jr., Princeton, N. J., assignor to Radio Corporation of America. Transmission line measuring system. 2,547,802, Apr. 3.
Woodward, Robert W., Rockland, Mass. Bottle support and lock for liquid dispensing apparatus. 2,559,815, July 10.
Woodward, Teynham, Los Altos, Calif., assignor to Kaiser Aluminum & Chemical Corporation. Purifying magnesia containing impurities including iron, manganese, and boron. 2,571,983, Oct. 16.
Woodward, Van Lear, Staten Island, assignor to Van Lear Woodward & Co., Inc., New York, N. Y. Economical umbrella frame structure. 2,561,435, July 24.
Woodward, Van Lear, & Co., Inc., assignee: *See*—
Woodward, Van Lear.
Woodward, Wilfred M., New Brunswick, N. J. Tail gate elevator. 2,553,156, May 15.
Woodward, William H., Detroit, Mich. Adjustable bracket. 2,572,231, Oct. 23.
Woodward, William R., Plandome Heights, N. Y., assignor to American Telephone and Telegraph Company. Clipping amplifier. 2,560,709, July 17.
Woodworth, Charles B., Port Dickinson, N. Y. Screw type jack for vehicles. 2,536,972, Jan. 2.
Woodworth, John O., La Grange, Ind. Short turn steering mechanism. 2,559,142, July 3.
Woodworth, N. A., Company, assignee: *See*—
Hohwart, George and E. F.
Woody, Albert L., Homewood, Ill. Forming guide for engraving machines. 2,537,806, Jan. 9.
Woody, Guy V., Milwaukee, and C. W. Bilbe, Wauwatosa, assignors to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Extraction column. 2,551,820, May 8.
Woody, Guy V., Milwaukee, and C. W. Bilbe, Wauwatosa, assignors to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Leaf type filter. 2,555,724, June 5.
Woody, Wayland B.: *See*—
Ortloff, John E., and Woody.
Woody, Wayland B., and S. E. Corry, assignors to Franks Manufacturing Corporation, Tulsa, Okla. Cam operated clutch. 2,574,204, Nov. 6.
Woodyard, Orville C.: *See*—
Ruze, John, and Woodyard.
Woodyard, John R.: *See*—
Hansen, William W., and Woodyard.
Woodyard, John R., Garden City, N. Y., assignor to The Sperry Corporation. High-frequency tube structure. 2,537,112, Jan. 9.
Woodyard, John R., Garden City, N. Y., assignor to The Sperry Corporation. Coarse and fine radar distance measuring system. 2,562,977, Aug. 7.
Woog, Paul, assignor to Compagnie Francaise de Raffinage (Societe Anonyme), Paris, France. Liquefied fuel tank safety means. 2,543,653, Feb. 27.
Wool, Frank A., San Jose, Calif. Frozen food package. 2,559,101, July 3.
Wooldridge, Dean E., North Hollywood, Calif., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Beam amplifier. 2,537,388, Jan. 9.
Wooldridge Manufacturing Company, assignee: *See*—
Clark, Gerald T.
Quartullo, Orpheus F.
Woolf, Cyril: *See*—
Galitzenstein, Eugen G., and Woolf.
Woolf, James W.: *See*—
Ball, Charles F., and Woolf.
Russell, John D., and Woolf.
Woolf, James W., Franklin, and J. D. Russell, Victory Heights, assignors to Joy Manufacturing Company, Pittsburgh, Pa. Mechanical interlock. 2,568,103, Sept. 18.
Woolf, William H., New York, N. Y. Remolding vulcanized rubber. 2,554,607, May 29.
Woolfolk, Eldon W., Portland, Oreg. Piepan seal. 2,552,702, May 15.
Woolfolk, Elkin O.: *See*—
Orchin, Milton, and Woolfolk.
Woolhouse, Thomas G., Saltburn-by-the-Sea, and W. Lunn, Redcar, England. Manufacture of resins from aldehydes and aromatic hydrocarbons. 2,568,313, Sept. 18.
Woolley, Bruce D., Johnstown, Ohio. Oil level indicator for automotive vehicles. 2,539,604, Jan. 30.
Woolley, Charles H., Cranford, assignor to The Babcock & Wilcox Company, Rockleigh, N. J. Fluid heat exchange installation. 2,553,493, May 15.
Woolley, Park: *See*—
Miller, Avy L., and Woolley.
Woolley, William J., Chicago, Ill. Porous sheet evaporator type humidifier for hot-air furnaces and mounting means therefor. 2,557,042, June 12.
Woolrich, James N., Erie, Pa., assignor to General Electric Company. Brazing process. 2,550,512, Apr. 24.
Woolsey, Theodore A.: *See*—
Houghton, Howard D., and Woolsey.
Woolsey, Theodore A., Pasadena, Calif., assignor to Marman Products Co., Inc. Band clamp. 2,548,249, Apr. 10.
Woolsey, Theodore A., Pasadena, and H. D. Houghton, Los Angeles, assignors to Marman Products Company, Inc., Inglewood, Calif. Clamp. 2,579,104, Dec. 18.

Woolslayer, Homer J., and C. Jenkins, Tulsa, Okla., assignors, by mesne assignments, to Lee C. Moore Corporation, Pittsburgh, Pa. Portable mast structure. 2,567,795, Sept. 11.
Woolslayer, Homer J., E. A. Campbell, and C. Jenkins, Tulsa, Okla., assignors, by mesne assignments, to Lee C. Moore Corporation, Pittsburgh, Pa. Mast structure. 2,570,901, Oct. 9.
Woolslayer, Homer J., C. Jenkins, and C. D. Iddings, Tulsa, Okla., assignors to Lee C. Moore Corporation, Pittsburgh, Pa. Folding mast structure. 2,573,528, Oct. 30.
Woolslayer, Homer J., C. Jenkins, and W. H. Luttgen, Tulsa, Okla., assignors to Lee C. Moore Corporation, Pittsburgh, Pa. Oil well derrick. 2,577,642, Dec. 4.
Woolson, Ferdinand C., Hammonton, N. J., H. S. Snyder, and R. H. Jacobs, Langley Field, Va. Acceleration responsive device with integrating means. 2,577,061, Dec. 4.
Woolson, Harry T., Detroit, and G. H. Parker, Birmingham, assignors to Chrysler Corporation, Highland Park, Mich. Suspension. 2,563,090, Aug. 7.
Woolsoncroft, Dale L.: *See*—
Jones, Frank D., Slavens, and Woolsoncroft.
Woolston-Chandler Company, assignee: *See*—
Chandler, Marvin J.
Woosley, Joe C., L. M. Pepper, and E. E. McCoy, Jr., Clinton, Miss. Spray gun or the like. 2,557,243, June 19.
Wooster Brass Company, The, assignee: *See*—
Braun, Carl J.
Housekeeper, Earl J.
Housekeeper, Earl J., and Braun.
Wooster Products, Inc., assignee: *See*—
Kramer, Charles.
Wooten, Lewis A., Barth, Fla. Brick scribing and marking device. 2,580,263, Dec. 25.
Wootten, George B., Sudbury, Ontario, Canada. Ophthalmic lens. 2,543,949, Mar. 6.
Worcester Film Corporation, assignee: *See*—
Ramsdell, Floyd A.
Worcester Foundation for Experimental Biology, assignee: *See*—
Morgan, Myles, and Werthessen.
Worcester, Joseph A., Jr., Fairfield, Conn., assignor to General Electric Company. Combined converter and oscillator circuit. 2,554,230, May 22.
Worcester, Joseph A., Jr., Syracuse, N. Y., assignor to General Electric Company. Temperature compensating system for oscillators. 2,539,218, Jan. 23.
Worcester, Joseph A., Jr., Syracuse, N. Y., assignor to General Electric Company. Frequency-modulation demodulator system. 2,580,261, Dec. 25.
Worch, Carl, Berwyn, Md. Recording and playing piano music. 2,555,071, May 29.
Worden, Walter F., Philadelphia, Pa. Center marking caliper. 2,547,354, Apr. 3.
Worel, Glen J., assignor to Thexton Manufacturing Company, Minneapolis, Minn. Piston expander-shell drive-in type. 2,566,591, Sept. 4.
Worfford, Robert B., Cincinnati, Ohio, assignor to The Gardner Board and Carton Co. Paperboard animal trap. 2,553,157, May 15.
Worfford, Robert B., Cincinnati, Ohio, assignor to The Gardner Board and Carton Co. Unitary reinforced folding box. 2,565,288, Aug. 21.
Work, Erich W., West Hartford, assignor to The Beaton & Caldwell Mfg. Co., New Britain, Conn. Automatic pressure, temperature, and vacuum relief valve. 2,553,347, May 15.
Work, Harold K., Pelham, N. Y., and R. R. Webster, Beaver, Pa., assignors to Jones & Laughlin Steel Corporation, Pittsburgh, Pa. Manufacture of Bessemer steel having reduced strain sensitivity. 2,578,872, Dec. 18.
Work, Worth H., Portland, Oreg. Expansible plug closure. 2,566,816, Sept. 4.
Workman, Clarence E., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Making precision resilient bushing. 2,560,023, July 10.
Workman, Ernest R., Chicago, Ill. Wire winding machine and forming coils of wire. 2,567,537, Sept. 11.
Workman, J. E., Inc., assignee: *See*—
Loewenstein, Fritz.
Workman, Walter J., Chicago, Ill. Upholstered seat construction. 2,540,563, Feb. 6.
Workman, William J.: *See*—
Marson, Joseph, and Workman.
Works, Herbert F., Mills, assignor to Transducer Corporation, Boston, Mass. Data transcribing apparatus. 2,545,331, Mar. 13.
Works, Madden T.: *See*—
Allen, Herbert, and Works.
Meador, Horace C., and Works.
Works, Madden T., assignor to Cameron Iron Works, Houston, Tex. Seal assembly. 2,536,898, Jan. 2.
Workshop Associates, Incorporated, The, assignee: *See*—
Greene, Gardiner G.
Rowland, Howard J.
Worl, Earl M., Wichita, Kans. Holder for live bait. 2,538,853, Jan. 23.

Worldsbest Industries, Inc., assignee: *See*—
Bothe, Werner H.
Worley, William S., assignor to The Gates Rubber Company, Denver, Colo. V-belt power transmission system. 2,548,135, Apr. 10.
Wormald, Robert M.: *See*—
Engler, Max L., and Wormald.
Wormell, Robert L., Coventry, assignor to Courtaulds Limited, London, England. Production of artificial protein threads, filaments, and the like. 2,541,803, Feb. 13.
Wormell, Robert L., Coventry, assignor to Courtaulds Limited, London, England. Production of artificial protein fibers. 2,541,804, Feb. 13.
Wormser, Paul, assignor to S & W Fine Foods, Inc., San Francisco, Calif. Fruit orienting device. 2,563,443, Aug. 7.
Wormuth, Wilbur J., Schenectady, N. Y., assignor to General Electric Company. Preparation of organopolysiloxanes. 2,552,247, May 8.
Worrall, George A., San Francisco, Calif. Toy excavator shovel. 2,556,355, June 12.
Worsham, Charles H., Fanwood, N. J., assignor to Standard Oil Development Company. Minimizing ester formation in hydrocarbon synthesis. 2,537,178, Jan. 9.
Worsham, Everett M.: *See*—
Levin, Ezra, and Worsham.
Worsham, Floyd L., Anniston, Ala. Shingle construction. 2,577,695, Dec. 4.
Worsham, Irvin L., assignor of one-third to R. L. Cochran, North Little Rock, and one-third to A. L. Barber, Little Rock, Ark. Protecting device for electric circuits. 2,566,648, Sept. 4.
Worsham, Roy H., Augusta, Ga. Machine for winding strand and ribbon-like materials such as sutures and bandages. 2,574,364, Nov. 6.
Worst, Joseph C., Bridgeport, Conn., assignor to General Electric Company. Overload protection for drive motors of automatic washing machines and the like. 2,577,173, Dec. 4.
Worst, Joseph C., Bridgeport, Conn., assignor to General Electric Company. Hydraulic power unit for domestic ironing machines. 2,580,262, Dec. 25.
Worst, Joseph C., Trenton, N. J., assignor to General Electric Company. Single bowl coffee maker with spring-biased coffee basket. 2,566,914, Sept. 4.
Worstenholm, William, Maplewood, Mo. Helper device. 2,559,059, July 3.
Worth, Joseph, New York, assignor, by mesne assignments, to Leviton Manufacturing Company, Brooklyn, N. Y. Electric light fixture having a cluster of light sockets mounted thereon. 2,577,174, Dec. 4.
Worth, T. Bond, & Sons Limited, assignee: *See*—
Robinson, Philip W.
Worthington, Emory W.: *See*—
Crafts, Curtis S., and Worthington.
Worthington, Emory W., assignor to The Goss Printing Press Company, Chicago, Ill. Drive mechanism. 2,572,554, Oct. 23.
Worthington, Emory W., Upper Montclair, and G. J. Schowerer, Englewood, assignors to Champlain Company, Inc., Bloomfield, N. J. Register control and signal for web presses. 2,550,318, Apr. 24.
Worthington, Emory W., Chicago, and C. V. Knell, Glen Ellyn, assignors to The Goss Printing Press Company, Chicago, Ill. Rotary printing press frame structure. 2,577,989, Dec. 11.
Worthington, Harvey R., Jr., Cambridge, Mass., assignor, by mesne assignments, to the United States of America as represented by the Secretary of War. Electromagnetic field phase determining apparatus. 2,548,836, Apr. 10.
Worthington Pump and Machinery Corporation, assignee: *See*—
Blessing, William J., and Fruehauf.
Clement, George P.
Cronk, George W.
Hall, Harry.
Henderson, Robert M.
Holveck, Joseph E., and Rockwood.
Lancaster, John E., Haeberlein, and Schmachtenberg.
MacDonald, Karl.
Mockridge, Chester R.
Schorer, Otto J.
Sebald, Joseph F.
Steven, George, and Fruehauf.
Von Saspe, Henry C.
Watson, Ralph M.
Zwickl, Joseph R.
Worthington, Wayne H., Waterloo, assignor to Deere Manufacturing Co., Dubuque, Iowa. Valve control means for fluid pressure system. 2,579,134, Dec. 18.
Worthington, Wayne H., and E. F. Jirsa, Waterloo, Iowa, assignors to Deere Manufacturing Co. Valve mechanism for hydraulic units. 2,544,972, Mar. 13.
Wostrel, Jerome L., Pico, Calif. Table target game apparatus. 2,576,326, Nov. 27.
Wotring, Gaylord H., Fairfield, Conn., assignor to General Electric Company. Dishwashing apparatus impeller. 2,544,374, Mar. 6.
Wottring, Lee R., Altadena, Calif. Vision plotting device. 2,567,003, Sept. 4.
Wotzilka, Minna: *See*—
Samel, Ruth, and Wotzilka.
Woulf, Oscar, assignee: *See*—
Perry, Fred H.
Wouters, Louis F., Oakland, Calif., assignor to the United States of America as represented by the United States Atomic Energy Commission. Photo-multiplier circuit. 2,554,933, May 29.
Wouters, Louis F., Oakland, Calif., assignor to the United States of America as represented by the United States Atomic Energy Commission. Pulse shaping circuit. 2,576,661, Nov. 27.
Woynar, Basil: *See*—
Attschuler, William H., and Woynar.
Wozniak, Brunislaw F., Lynn, Mass. Adjustable back rest folding chair. 2,547,897, Apr. 3.
Wragge, William B., Stockport, assignor to executors of James Mills, Limited, Woodley, near Stockport, England. Fastening for securing railway rails to metal sleepers. 2,568,376, Sept. 18.
Wraith, William, Jr., Cananea, Mexico, assignor to The Cananea Consolidated Copper Company, S. A. Pulp density indicator. 2,550,031, Apr. 24.
Wrathall, John R., East Aurora, N. Y., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Control system for cutting apparatus. 2,546,024, Mar. 20.
Wray, Walter, Portland, Oreg., assignor to Dohrmann Hotel Supply Co., San Francisco, Calif. Ventilator attachment. 2,564,075, Aug. 14.
Wrazen, Joseph J., assignor of one-half to P. Wrazen, East Paterson, N. J. Ornamental rotatable bird, including rotatable wings. 2,545,801, Mar. 20.
Wrazen, Peter, assignee: *See*—
Wrazen, Joseph J.
Wrenn, John J., Philadelphia, Pa. Lifting jack mechanism. 2,545,403, Mar. 13.
Wrenshall, Charlton L., Jacksonville, Fla. Meat substitute and making same. 2,560,621, July 17.
Wright, Adele O., Pomona, Calif. Hand restrainer. 2,546,118, Mar. 20.
Wright Aeronautical Corporation, assignee: *See*—
Behn, Victor D.
Berggren, Lloyd E., Gille, and Smith.
Berggren, Lloyd E., and Schaffer.
Bertelsen, Svend I.
Bogdanoff, John L.
Browne, Kenneth A.
Burdett, Harry W., and Page.
Cannon, Wayne D.
Chilton, Allan.
Davis, Charles S., Jr., Du Bois, and Baker.
Du Bois, George B.
Erdman, Francis H.
Gallo, Elia A., and Meyers.
Garland, Daniel L., and Gray.
Hanzalek, William V.
Harrison, Harry.
Hey, Lester E., Lillenas, and Mendelson.
Hill, Henry C.
Holben, Martin M.
Jewett, Charles S., and Modrovsky.
Lundquist, Wilton G., and Browne.
Mahnken, Walter W., and Zecca.
Moore, Vincent.
Moore, Vincent T.
Ovens, William G.
Palen, Peter H., and Burdett.
Pitts, Charles N., and Shauger.
Porter, Francis W.
Rowe, Mark R., and Ladd.
Schwartz, Edward W., Brand, and Welsh.
Sollinger, Ferdinand P., and Holben.
Thompson, Richard A.
Thorsen, Ole I.
Wiegand, Francis J., and Meador.
Wiegand, Francis J., and Pierce.
Wright, Arthur, Forest Hills, N. Y. Making test strips and product thereof. 2,557,715, June 19.
Wright, Aubern E., Nappanee, Ind. Embalmer's lip holder. 2,576,870, Nov. 27.
Wright, Aubern E., Nappanee, Ind. Embalmer's jowl holder. 2,576,871, Nov. 27.
Wright-Batchelder Corporation, assignee: *See*—
Batchelder, Charles F., Jr., and Withington.
Wright, Benjamin T., Oak Park, Ill., assignor to Wright Motors, Inc. Automobile tool kit. 2,576,327, Nov. 27.
Wright, Bruce R.: *See*—
Bloomer, Ward J., and Wright.
Wright, Bruce R., assignor to Centrifix Corporation, Cleveland, Ohio. Line purifier. 2,557,332, June 19.
Wright, Bruce R., Cleveland, and F. F. Hillix, Lakewood, assignors to Centrifix Corporation, Cleveland, Ohio. Centrifugal tuyère. 2,565,902, Aug. 28.
Wright, C. S., & Company, assignee: *See*—
Wright, Chauncey S.
Wright, Charles E., and L. A. Leicester, Toronto, Ontario, Canada. Dental floss holder. 2,577,597, Dec. 4.
Wright, Charles M., and L. G. Miller, Bethlehem, Pa., assignors to Bethlehem Steel Company. Welded bolster center brace. 2,569,211, Sept. 25.
Wright, Charles S., Woodside, N. Y. Combination level and angle indicator for cylindrical members. 2,579,893, Dec. 25.

Wright, Chauncey S., assignor to C. S. Wright & Company, Dayton, Ohio. Outdoor projection screen. 2,579,892, Dec. 25.
Wright, Claude L., Burns, Oreg. Ditch grader. 2,547,680, Apr. 3.
Wright, Clayton G., and G. C. Thomas, Birmingham, Ala., assignors to Continental Gin Company. Cam forming machine. 2,557,043, June 12.
Wright, Clyde E., assignor to Ridge Tool Company, Elyria, Ohio. Pipe nipple chuck. 2,572,418, Oct. 23.
Wright, Dale J.: *See*—
Riegel, Glen C., and Wright.
Wright, Dallas E.: *See*—
Cordrey, Richard N., and Wright.
Wright, Donald C., St. Petersburg, Fla. Valve for fountain stencil brush. 2,537,872, Jan. 9.
Wright, Donald P., Anderson, Ind. Indoor golf game. 2,539,046, Jan. 23.
Wright, Edgar J.: *See*—
Groves, Walter L., and Wright.
Wright, Edison D., Rocky Mount, N. C. Peanut curing pole. 2,577,557, Dec. 4.
Wright, Edward F., Toledo, Ohio. Rotating disk game device. 2,548,837, Apr. 10.
Wright, Esmond P. G., London, England, assignor to International Standard Electric Corporation, New York, N. Y. Electric signaling system. 2,540,156, Feb. 6.
Wright, Esmond P. G., M. van Hasselt, and D. A. Weir, London, England, assignors to International Standard Electric Corporation, New York, N. Y. Four-wire to two-wire connecting circuit. 2,579,530, Dec. 25.
Wright, Evan H., Birmingham, Mich. Automatic electromagnetic drain valve. 564,873, Aug. 21.
Wright, Forrest B., Ithaca, assignor, by mesne assignments, to Research Corporation, New York N. Y. Mechanical egg washer with rotating disks. 2,566,475. Sept. 4.
Wright, Frank C., A. C. Delamare, and A. E. J. Richards, London, England, assignors to International Standard Electric Corporation, New York, N. Y. Mounting arrangement for electrical apparatus. 2,538,070, Jan. 16.
Wright, Frank R., Nezperce, Idaho. Potato harvester and cleaner. 2,558,894, July 3.
Wright, Fred J., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Reducing machine, including spaced oppositely rotating rotors. 2,540,021, Jan. 30.
Wright, Fred J., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Hot pin heading machine. 2,575,504, Nov. 20.
Wright, George P.: *See*—
Thomson, Amherst F. H., Wright, and Rangabe.
Wright, George W., and W. A. Smethers, assignors to Tokheim Oil Tank & Pump Company, Fort Wayne, Ind. Universal connection unit. 2,554,514, May 29.
Wright, George W., and C. Harrison, assignors to Tokheim Oil Tank & Pump Company, Fort Wayne, Ind. Air tank fitting. 2,557,491, June 19.
Wright, Glenn A., Springfield, Oreg. Horizontal sickle. 2,553,523, May 15.
Wright, Harold H., Galt, Ontario, Canada. Hair curler. 2,537,728, Jan. 9.
Wright, Harold P., assignee: *See*—
Burgess, Marion I.
Wright, Harold R., West Kilbride, and W. G. Allan, Saltcoats, Scotland, assignors to Imperial Chemical Industries Limited. Blasting explosive package. 2,558,163, June 26.
Wright, Harry: *See*—
Sherman, Wilbur G., Wright, and Davidson.
Wright, Henry W., Belt, Mont. Dressing tent. 2,540,411, Feb. 6.
Wright, James A., Chicago, Ill., assignor, by mesne assignments, to Porter-Cable Machine Company, Syracuse, N. Y. Air filter head for portable abrading machines. 2,550,319, Apr. 24.
Wright, James G. E., Schenectady, N. Y., assignor to General Electric Company. Making putty-like elastic plastic, siloxane derivative composition containing zinc hydroxide. 2,541,851, Feb. 13.
Wright, John: *See*—
Olpin, Henry C., House, and Wright.
Wright, John, Spondon, near Derby, England, assignor, by mesne assignments, to Celanese Corporation of America. Dyes. 2,563,091, Aug. 7.
Wright, John G., J. M. Chafin, E. Sudan, C. A. Watkins, Atlanta, and J. A. Hanson, College Park, Ga., assignors to The Auto-Soler Company. Fastener forming and inserting machine. 2,566,104, Aug. 28.
Wright, John G., C. D. Toney, C. A. Watkins, and E. Sudan, Atlanta, and W. A. Maxwell, Duluth, Ga., assignors to The Auto-Soler Company. Work support for fastener forming and inserting machines. 2,571,984, Oct. 16.
Wright, John H., Clearwater, Fla., and A. W. Lewing, Monson, Mass., assignors to Tampax Incorporated, New York, N. Y. Douche composition. 2,556,567, June 12.
Wright, John N., Weston, Ontario, Canada. Oil-burning furnace with baffles mounted therein. 2,539,528, Jan. 30.
Wright, John S., Wichita, Kans. Guide for positioning X-ray lamps. 2,553,028, May 15.
Wright, Lemuel T., Brownfield, Tex. Cotton stripper. 2,576,381, Nov. 27.
Wright, Livingston: *See*—
Hayward, Carle R., and Wright.
Wright, Louis D., and T. C. Swope, Beaumont, Tex. Repeating rubber band toy gun. 2,576,248, Nov. 27.
Wright, Louis T., assignor to Harlem Hospital Surgical Research Fund, Inc., New York, N. Y. Device for treatment of bone fractures. 2,561,550, July 24.
Wright Machinery Company, assignee: *See*—
Buckley, Charles W., and Bailey.
Smith, Haywood C., and Petrea.
Wright, Manfred G.: *See*—
Blossey, Carl W., and Wright.
Wright, Mildred A., and D. E. Gates, Bevier, Mo. Forming artificial breasts. 2,580,264, Dec. 25.
Wright, Milton H., assignor to Holmes & Gilfillan, Smethport, Pa. Power-operated semiautomatic pin setting machine. 2,565,834, Aug. 28.
Wright Motors, Inc., assignee: *See*—
Wright, Benjamin T.
Wright Products, Inc., assignee: *See*—
Falk, Harold W.
Wright, Richard C., Bay Village, Ohio, assignor to Iron Fireman Manufacturing Company, Portland, Oreg. Shear pin. 2,566,690, Sept. 4.
Wright, Richard C., Bay Village, Ohio., assignor to Iron Fireman Manufacturing Company, Portland, Oreg. Industrial stoker drive. 2,578,650, Dec. 11.
Wright, Richard H., Cleveland, Ohio, and D. G. Haight, Chicago, Ill., assignors to The Guarantee Specialty Manufacturing Company, Cleveland, Ohio. Forming bracket units. 2,560,786, July 17.
Wright, Roy O., Huntington, W. Va. Ratchet gear assembly for wrenches. 2,559,332, July 3.
Wright, Silas H., Los Angeles, Calif. Combination wire wrapper and screwdriver. 2,546,489, Mar. 27.
Wright, Walter H., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Deaerating indigo paste. 2,544,909, Mar. 13.
Wright, William B., Jr.: *See*—
Hultquist, Martin E., and Wright.
Wright, William B., Jr., Plainfield, and J. M. Smith, Jr., North Plainfield, N. J., assignors to American Cyanamid Company, New York, N. Y. N-thiadiazolyl-4-iodobenzene sulfonamides. 2,542,856, Feb. 20.
Wright, William E., West Palm Beach, Fla., assignor to Sea Island Mills, Inc., New York, N. Y. Decorticator. 2,576,166, Nov. 27.
Wright, William R., Dedham, assignor to Bird & Son, Inc., East Walpole, Mass. Rotary cutting machine. 2,539,379, Jan. 23.
Wright, William R., Dedham, assignor to Bird & Son, inc., East Walpole, Mass. Edge-coating and bending sheet material. 2,566,151, Aug. 28.
Wright, William R., Dedham, assignor to Bird & Son, inc., East Walpole, Mass. Machine for edge-coating and bending sheet material. 2,566,152, Aug. 28.
Wright, Zimmerman, Inc., assignee: *See*—
Carlson, Donald C.
Wrightsman, Gilbert G., Houston, Tex., assignor, by mesne assignments, to Standard Oil Development Company, Elizabeth, N. J. Sealing formations. 2,556,863, June 12.
Wrightsman, Gilbert G., Houston, Tex., assignor, by mesne assignments, to Standard Oil Development Company, Elizabeth, N. J. Improved drilling mud composition. 2,560,380, July 10.
Wrightson, Thomas G., Darlington, and N. C. Lake, Stockton-on-Tees, assignors to Head, Wrightson & Company Limited, Thornaby-on-Tees, England. Tube and rod production. 2,560,058, July 10.
Wrightway Engineering Co., assignee: *See*—
Goodrie, Joseph J.
Wrigley, Walter: *See*—
Esval, Orland E., and Wrigley.
Esval, Orland E., Wrigley, and Haskins.
Wrigley, Wm., Jr., Company, assignee: *See*—
Bonebrake, Gay M.
Wriston, Roderic T., Phippsburg, Maine. Lined waterproof container. 2,565,939, Aug. 28.
Writesel, James L., Columbus, Ohio. Cold frame. 2,573,084, Oct. 30.
Wrotnowski, Arthur C., Jr.: *See*—
Day, Harold M., and Wrotnowski.
Wu, Kenneth S.-K., Ames, Iowa. Forward and reverse gearing for tractors. 2,549,715, Apr. 17.
Wubbe, Leo J., Detroit, Mich., assignor to mesne assignments, to Horton Manufacturing Company, Fort Wayne, Ind. Lint strainer. 2,575,542, Nov. 20.
Wuehr, William L., Port Arthur, Tex. Gas turbine. 2,561,005, July 17.
Wuest, Heinz M., Montclair, N. J., assignor to Warner-Hudnut, Inc., New York, N. Y. Pyridine therapeutic compounds. 2,553,993, May 22.
Wuest, Heinz M., Montclair, N. J., assignor to Warner-Hudnut, Inc., New York, N. Y. Pyridine therapeutic compounds. 2,553,994, May 22.
Wuischpard, Lucien C., Long Hill, assignor to Casco Products Corporation, Bridgeport, Conn. Cyclometer clock and carry-over mechanism. 2,549,556, Apr. 17.
Wulff, Louis: *See*—
Faverty, Clyde B., Hartwig, McDonald, and Wulff.
Wulfsberg, Arthur H., assignor to Collins Radio Company, Cedar Rapids, Iowa. Differential tuning mechanism. 2,572,964, Oct. 30.

Wulleman, Albert, assignor to Etablissments Paul Duclos Société Anonyme, Le Canet-Marseille, France. Hoisting apparatus. 2,570,417, Oct. 9.
Wullschleger, Albert, Weiningen, Switzerland. Device comprising at least one level vial. 2,576,202, Nov. 27.
Wullweber, Marvin, Virgil, S. Dak. Trash remover. 2,560,264, July 10.
Wunn, Richard H., Bellflower, Calif. Balanced plug valve. 2,573,238, Oct. 30.
Wünsch, Josef, Dolni Mokropsy, assignor to Czechoslovak Metal & Engineering Works, National Corporation, Prague, Czechoslovakia. Regenerating exchangeable filters. 2,561,834, July 24.
Wuollet, Reino H., Minneapolis, Minn. Bakery cake tin rack. 2,538,612, Jan. 16.
Wurdack, Walter, assignee: *See*—
Brick, Bayard R.
Würdemann, Wilhelm L. H. E., The Hague, assignor to Vennootschap onder firma Postma & Feenstra, Greunsweg, Leeuwarden, Netherlands. Conveying apparatus for milk cans. 2,572,233, Oct. 23.
Wurfschmit, Hugo, assignor of one-half to C. E. Carlsen, New York, N. Y. Hair removing device. 2,550,393, Apr. 24.
Wurgler, John, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Through conductor relay with detachable armature assembly. 2,558,640, June 26.
Wurlitzer, Rudolph, Company, The, assignee: *See*—
Ahern, William B., and Walt.
Andersen, Clifford.
Fuller, Paul M.
Grupp, Otto E., Jr.
Hayslett, Lamar E., and Schmidt.
Hokanson, Otto A.
Schmidt, Francis M.
Von Stoeser, Walter.
Zuck, Victor I.
Wurster, Norma M., Hobart, Ind. Nether garment for babies. 2,578,769, Dec. 18.
Wurton Machine Company, assignee: *See*—
Touton, Rush D.
Wurzburger, Hugo, New York, N. Y., assignor to Paul D. Wurzburger, Cleveland Heights, Ohio. Unwoven fabric. 2,537,323, Jan. 9.
Wurzburger, Paul D., assignee: *See*—
Wurzburger, Hugo.
Wurzel, Hugo: *See*—
Heimann, Heinrich, and Wurzel.
Wurzlow, Olga L., Houma, La. Bouquet holder. 2,563,202, Aug. 7.
Wussow, William, Wauwatosa, assignor of one-half to L. M. Maunu, Milwaukee, Wis. Electric shaving device. 2,543,145, Feb. 27.
Wyandotte Chemicals Corporation, assignee: *See*—
Bacon, Leslie R., and Conklin.
Bacon, Leslie R., and Otrhalek.
Cox, Robert B.
Hill, Eugene F., Smith, and Vaughn.
Jackson, Donald R., Langdon, and Vaughn.
Lundsted, Lester G.
McCoy, Lowell R.
Smith, Clifton E., and Vaughn.
Smith, Frederick W.
Wyandt, John J., Canton, and J. K. McKelvey, Massilon, assignors to Republic Steel Corporation, Cleveland, Ohio. Apparatus for delivering a fluid into a furnace. 2,546,937, Mar. 27.
Wyant, Ira A., Muskegon Heights, assignor to Campbell, Wyant & Cannon Foundry Co., Muskegon, Mich. Brake drum with cooling means. 2,563,769, Aug. 7.
Wyatt, De Witt H., Columbus, Ohio. Solid-fuel-burning space heater with magazine automatic dampers and hot-air jacket. 2,545,680, Mar. 20.
Wyatt, Frank H., San Diego, Calif. Guard ring for protecting ground lights. 2,557,165, June 19.
Wyatt, John P., Raleigh, N. C. Wire-stretching device. 2,538,141, Jan. 16.
Wyatt, Oscar P., Forest Home, Calif. Flashing direction signal for motor vehicles. 2,538,854, Jan. 23.
Wybrants, Adel, assignee: *See*—
Nissenbaum, Moses D.
Wybrants, Wade M., assignee: *See*—
Nissenbaum, Moses D.
Wybrants, William, assignee: *See*—
Nissenbaum, Moses D.
Wychowaniec, Stanley M., and A. Lasis, Superior, Wis. Double door operating mechanism. 2,569,624, Oct. 2.
Wycinowski, Robert F.: *See*—
Baugh, Raymond N., and Wycinowski.
Wyckoff, Amos A., Oakland, Calif. Faucet. 2,559,268, July 3.
Wyckoff, Ralph D., assignor to Gulf Research & Development Company, Pittsburgh, Pa. Follow-up pneumatic servomotor. 2,570,624, Oct. 9.
Wycosky, Charles J., Elyria, Ohio. Swivel hanger for punching bags. 2,548,089, Apr. 10.
Wydler, Hermann, assignor to Stoppani A. G., Berne, Switzerland. Flowmeter with pistons. 2,547,301, Apr. 3.
Wyeth Incorporated, assignee: *See*—
Barol, Alfred.
Bruce, William F., and Seifter.
Heathcote, Charles W., Jr., and Rettew.
Lehman, Robert A.
Opie, Joseph W., Seifter, Bruce, and Mueller.
Rosen, Harry, and Ichniowski.
Snyder, Eric G., and Opie.
Stiller, Eric T.
Wyeth, Nathaniel, Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Shock absorber. 2,544,548, Mar. 6.
Wygal, Calvin A., assignee: *See*—
Chenault, Roy L.
Wygal, Daisy C., assignee: *See*—
Chenault, Roy L.
Wygal, Emerson F.: *See*—
Hening, James E., and Wygal.
Wyglendowski, Stanley J., South Orange, N. J. Connector plug. 2,542,609, Feb. 20.
Wyllie, Malcolm R. J., Indiana Township, Allegheny County, assignor to Gulf Research & Development Company, Pittsburgh, Pa. Method and apparatus for determining the streaming-potential characteristics of drilling mud. 2,569,625, Oct. 2.
Wyman, Clarence E.: *See*—
McNair, Samuel L., and Wyman.
Wyman-Gordon Company, assignee: *See*—
Moore, Ralph F.
Wyman, Guy C., Chatham, assignor to Red Devil Tools, Irvington, N. J. Glass cutter wheel head. 2,566,544, Sept. 4.
Wyman, James A., Arlington, Va. Fungicidal composition for treating the human skin. 2,576,987, Dec. 4.
Wymer, Robert L., Jr., Poland, Ohio. Spray nozzle. 2,574,003, Nov. 6.
Wymore, Thomas M., Lincoln, Nebr. Electric furnace. 2,554,231, May 22.
Wynkoop, Jean: *See*—
Baum, Nathaniel L., and Wynkoop.
Wynn, Arthur H. A.: *See*—
Bedford, Leslie H., and Wynn.
Wynn, Arthur H. A., assignor to A. C. Cossor Limited, London, England. Electrical test apparatus. 2,546,248, Mar. 27.
Wynn, Arthur H. A., London, England, assignor to A. C. Cossor Limited. Time base circuits. 2,574,365, Nov. 6.
Wynn, John G.: *See*—
Hanna, Raymond P., Wynn, Fromm, and La
Wynne, Charles H. L.: *See*—
Chamberlin, Reginald H. D., Wynne, and Skellern.
Wyott Manufacturing Co. Inc., assignee: *See*—
Titus, Thomas L.
Wysocki, Robert F., Lakewood, Ohio, assignor to Pittsburgh Plate Glass Company, Pittsburgh, Pa. Apparatus for the application of finishing materials by dipping. 2,554,803, May 29.
Wysong, Ansel S., assignor to A. S. Wysong and J. M. Maltby, Long Beach, Calif., as trustees. Piston construction. 2,549,277, Apr. 17.
Wyss, Raymond C., Tillamook, Oreg. Lock for irrigation pipe couplers. 2,572,419, Oct. 23.
X-Ray Electronic Corporation, assignee: *See*—
Fua, Frederic, and Woods.
Vossberg, Carl A., Jr., and Fua.
Yabuno, Gaiseki, and H. Maki, Hitachi, S. Ajima, Ishikawa, Naka-Gun, M. Kuwayama, and T. Ando, Taga-Town, Taga-Gun, assignors to Hitachi Limited, Tokyo, Japan. Electric circuit breaker of bushing type. 2,562,160, July 24.
Yachzel, David, Chicago, Ill. Combined latch and lock. 2,563,985, Aug. 14.
Yachzel, David, Chicago, Ill. Safety lock. 2,575,309. Nov. 13.
Yackel, Edward C., assignor to Eastman Kodak Company, Rochester, N. Y. Preparing photographic silver halide emulisons. 2,565,418, Aug. 21.
Yaeger, Harry C., West Hartford, Conn., assignor to Underwood Corporation, New York, N. Y. Escapement mechanism for typewriting and like machines. 2,536,619, Jan. 2.
Yaeger, Harry C., West Hartford, Conn., assignor to Underwood Corporation, New York, N. Y. Silencing pad. 2,568,531, Sept. 18.
Yaeger, Luther L.: *See*—
Bjorksten, Johan, Fiedler, and Yaeger.
Fiedler, Stuart O., Bjorksten, and Yaeger.
Yaeger, Luther L., Hammond, Ind., assignor to Nash-Kelvinator Corporation, Kenosha, Wis. Coating composition and polystyrene surface coated therewith. 2,578,770, Dec. 18.
Yager, Victor, Long Island City, and J. Woermann, Glendale, N. Y. Air vent and focusing screen support for bellows type cameras. 2,575,902, Nov. 20.
Yaghubian, Hagop J., Bronx, N. Y. Foundation front for garments. 2,579,894, Dec. 25.
Yaglou, Constantin P., Belmont, Mass., assignor to the United States of America as represented by the Secretary of War. Pressure measuring. 2,558,805, July 3.
Yake, David J., Lambertville, N. J. Rope winding machine. 2,566,973, Sept. 4.
Yakutis, Anthony J.: *See*—
Hoglund, Ralph H., Hulstede, and Yakutis.

Yale & Towne Manufacturing Company, The, assignee: *See*—
Framhein, Herbert J.
Heyer, Frederic K.
Holland, Glen A., and Schott.
Kompass, Frank O.
Quayle, George F.
Raymond, Frank E.
Schroeder, Charles S.
Spain, Roy C.
Ulinski, Bronislaus I.

Yamashiro, Kameo, Beverly Hills, Calif. Washing apparatus for automobiles and the like. 2,548,331, Apr. 10.

Yancey, John R., Houston, Tex. Dull bit indicator. 2,549,278, Apr. 17.

Yancey, John R., and E. J. Robishaw, Houston, Texas, assignors, by mesne assignments, to A-1 Bit & Tool Company. Sidewall core taking apparatus. 2,558,227, June 26.

Yancho, Daniel: *See*—
Yancho, Zolton and D.

Yancho, Daniel, Baltimore, Md. Metal awning. 2,557,775, June 19.

Yancho, Zolton and D., Essex, Md. Differential drive turbine type fluid coupling. 2,549,557, Apr. 17.

Yancy, Joseph, Coatesville, Pa. Rotary internal-combustion engine. 2,571,642, Oct. 16.

Yandt, Arthur F., South Pasadena, Calif. Twin beam flashlight. 2,566,280, Aug. 28.

Yankee Metal Products Corporation, assignee: *See*—
Daon, Rene.

Yankeelov, John A., Roselle, assignor to Tisch Machine & Tool Company, Inc., Elizabeth, N. J. Link reducing reciprocating knitting attachment. 2,558,895, July 3.

Yanovsky, Elias: *See*—
Zief, Morris, and Yanovsky.

Yant, Chester W.: *See*—
Cantalupo, Francis J., De Craene, Schmidt, Setka, and Yant.

Yant, William P., Murraysville, assignor to Mine Safety Appliances Company, Pittsburgh, Pa. Respirator mask. 2,578,621, Dec. 11.

Yantes, William H., C. I. Bohmer, and E. Barker, assignors to The Jaeger Machine Company, Columbus, Ohio. Charging and discharging means for endloading transit mixers. 2,563,770, Aug. 7.

Yanzito, Benjamin B., Racine, Wis. Scraper. 2,561,259, July 17.

Yarborough, Joel E., assignor to The George E. Failing Supply Company, Enid, Okla. Hydraulic system for drilling rigs. 2,578,959, Dec. 18.

Yardney, Michel N.: *See*—
Yardeny, Michel N., and Razdowitz.

Yardeny, Michel N., and A. Razdowitz, New York, N. Y., said Razdowitz assignor to said Yardeny. Coarse-fine electric motor control system. 2,543,950, Mar. 6.

Yardeny, Michel N., and A. Razdowitz, New York, N. Y., said Razdowitz assignor to said Yardeny, now by judicial change of name M. N. Yardney. Scanning system. 2,554,080, May 22.

Yarmak, Julius, Wakefield, England. Gathering and conveying mechanism. 2,571,084, Oct. 9.

Yarnall, D. Robert, executor: *See*—
Stokes, John S.

Yarnall, David R., Philadelphia, and J. W. Williams, 3rd, Ambler, assignors to Yarnall-Waring Company, Philadelphia, Pa. Circuit closer for high-low alarms. 2,578,276, Dec. 11.

Yarnall-Waring Company, assignee: *See*—
Yarnall, David R., and Williams.

Yarrick, Charles J., West Collingswood, N. J., assignor to I. T. E. Circuit Breaker Company, Philadelphia, Pa. Undervoltage trip and lockout. 2,566,866, Sept. 4.

Yates-American Machine Company, assignee: *See*—
Johnson, Wallace D.

Yates, Charles G., Jr., Schenectady, N. Y., assignor to General Electric Company. Delay circuit. 2,569,362, Sept. 25.

Yates, Charles T., Washington, N. C. Fish lure. 2,538,181, Jan. 16.

Yates, Cyril J., Henderson, Ky., and R. K. Gibbs, Evansville, Ind. Jet propelled toy boat. 2,538,347, Jan. 16.

Yates, Harold P., Cranford, N. J. Electrically insulating mounting support strip. 2,553,287, May 15.

Yates, Henry G.: *See*—
Brown, Thomas W. F., and Yates.

Yates, Jack M., Seaside, Oreg. Articulated denture. 2,550,436, Apr. 24.

Yates, John E. N., Edgbaston, Birmingham, A. L. B. Dawson, and G. C. Meredew, assignors to Self-Priming Pump & Engineering Co. Limited, London, and Gaskell & Chambers Limited, Birmingham, England. Diaphragm pump. 2,542,786, Feb. 20.

Yates, Kenneth R., Lee, London, assignor to Siemens Brothers & Company Limited, London, England. Automatic telephone system. 2,542,954, Feb. 20.

Yates, Maurice M., Greenville, Tenn. Self-closing bill-holder. 2,550,437, Apr. 24.

Yates, Robert E., J. M. Engel, and W. W. Riesche, assignors to Drying Systems, Inc., Chicago, Ill. Gaseous fuel burner and control therefor. 2,538,952, Jan. 23.

Yates, Robert E., J. M. Engel, and W. W. Riesche, assignors to Drying Systems, Inc., Chicago, Ill. Combustion chamber for fluid fuel. 2,538,953, Jan. 23.

Yates, Robert E., J. M. Engel, and W. W. Riesche, assignors to Drying Systems, Inc., Chicago, Ill. Fuel burner control system. 2,559,490, July 3.

Yates, Wallace J.: *See*—
Boissonou, Clifford J., and Yates.

Yates, Wallace J., and F. B. Folckemer, Martinez, and W. A. Simanton, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Nonaqueous insecticidal emulsions containing organic esters of phosphorus acids. 2,545,186, Mar. 13.

Yaupp, Daniel M., Chicago, Ill. Packing swing. 2,561,260, July 17.

Yeager, Albert J., Longmont, Colo. Accordion. 2,550,320, Apr. 24.

Yeager, William C., Fort Worth, Tex. Fluorescent lamp fixture. 2,543,713, Feb. 27.

Yeakel, Jacob E., Denver, Colo. Weather strip for doors. 2,537,296, Jan. 9.

Yealdhall, Mahlon H., Baltimore, Md. Boxer's head guard. 2,546,842, Mar. 27.

Yeannakis, Panos G.: *See*—
Bechberger, Paul F., and Yeannakis.

Yearout, Jean J., Fort Lauderdale, Fla. Measuring and dispensing device. 2,558,998, July 3.

Yeasting, Maynard C., assignor to Toledo Scale Company, Toledo, Ohio. Pivotal mounting. 2,558,164, June 26.

Yeazell, William O., Springfield, Ohio. Parallel expanding-jaw pliers. 2,553,620, May 22.

Yeck, Robert P., Westfield, and Y. E. Lebedeff, Metuchen, N. J., assignors to American Smelting and Refining Company, New York, N. Y. Electrodeposition of zinc. 2,539,681, Jan. 30.

Yedlicka, Joseph C., Massena, N. Y., assignor to Aluminum Company of America, Pittsburgh, Pa. Handling and payoff apparatus for coiled strand material. 2,544,478, Mar. 6.

Yeldell, J. U., Jr., assignee: *See*—
Rolfe, James C., and White.

Yelland, Neil W., Whaley Bridge, assignor to The Calico Printers' Association Limited, Manchester, England. Multicolor printing. 2,571,322, Oct. 16.

Yelland, William E. C., Washington, D. C., and C. C. Jensen, Oak Park, Ill., assignors to Corn Products Refining Company, New York, N. Y. Production of zein fibers. 2,552,079, May 8.

Yellen, David, and S. Moskowitz, New York, N. Y. Rivet holder. 2,568,676, Sept. 18.

Yellin, Edward, assignor, by mesne assignments, to Leader Electric Company, Chicago, Ill. Mold for making plastic grids. 2,566,817, Sept. 4.

Yench, Frank A., Two Rivers, Wis. Scaffolding device. 2,578,119, Dec. 11.

Yenni, Donald M.: *See*—
Smith, George H., and Yenni.

Yent, Charles C., assignor to Tobacco By-Products and Chemical Corporation, Inc., Louisville, Ky. Fumigating package. 2,551,406, May 1.

Yeo, Edward J.: *See*—
Schremp, Frederick W., and Yeo.

Yeomans Brothers Company, assignee: *See*—
Jeffery, Harold T.
Yeomans, Charles.

Yeomans, Charles, Hubbard Woods, assignor to Yeomans Brothers Company, Chicago, Ill. Sludge handling system and apparatus. 2,541,630, Feb. 13.

Yeomans, Lucien I., Chicago, Ill., assignor, by mesne assignments, to M. F. Watts. Submersible buoy. 2,546,956, Mar. 27.

Yeoman, Ray C., Lufkin, Tex. Load transfer device. 2,552,831, May 15.

Yerby, Elfreda M., Blossburgh, Ala. Covering for cricket type chairs. 2,563,203, Aug. 7.

Yerger, Charles W., assignee: *See*—
Simpson, Herbert A.

Yerkes, John A., New York, N. Y. Staple remover. 2,539,171, Jan. 23.

Yerkes, John A., New York, N. Y. Automatic opening and closing container. 2,546,915, Mar. 27.

Yerrick, William D., and S. Holm, Wellsville, assignors to The Air Preheater Corporation, New York, N. Y. Radial brush seal for heat exchangers. 2,549,656, Apr. 17.

Yerzley, Felix L., Verona, N. J. Shock and vibration insulator. 2,576,271, Nov. 27.

Yingling, Clinton R., Denver, Colo. Slidable lamp support. 2,562,979, Aug. 7.

Yingling, Frank B., assignee: *See*—
MacGuire, William E.

Yingling, Frank B., Hamilton, Ohio. Rotary air compressor. 2,537,502, Jan. 9.

Yingling, Frank B., Hamilton, Ohio. Turbocharged two-cycle engine with liquid cooled exhaust ducts. 2,551,307, May 1.

Yirava, Charles R.: *See*—
Johnson, James E., and Yirava.

Yoakum, Ina, assignee: *See*—
Van Leuven, Karl, Jr.

Yoakem, Lola G.: *See*—
Ettien, Josephine M., and Yoakem.

Yocom, Wayne A., assignee: *See*—
Johansen, Gordon W., and Copley.

Yocum, Wallace M.: *See*—
Bendersky, David, Gage, and Yocum.

Yoder Company, The, assignee: *See*—
Kentis, George E., Jr.
Mitten, Raymond F.
Ridder, Joseph U.
Weyant, Valone C. V.
Yoder, Douglas O., assignee: *See*—
Morris, Howard I.
Yoder, Harvey O., assignee: *See*—
Morris, Howard I.
Yoder, Herbert G., Bellefontaine, Ohio. Tow bar brake control. 2,571,323, Oct. 16.
Yoder, Howard D., Farmington, Mich., assignor, by mesne assignments, to Buffalo-Eclipse Corporation. High-pressure liquid level gauge. 2,579,719, Dec. 25.
Yoder, Le Roy D., Clarence Center, N. Y. Bale handling hook. 2,575,986, Nov. 20.
Yoder, Moses J., Hutchinson, Kans. Operator for flag signal. 2,567,459, Sept. 11.
Yoder, Ray A.: *See*—
Speck, C. Harold, Carr, and Yoder.
Yoder, Ray A., Orrville, Ohio. Torque and speed responsive clutch. 2,564,826, Aug. 21.
Yodice, Andrew and A., Brooklyn, N. Y. Combination sofa or chair and disappearing table. 2,538,823, Jan. 23.
Yodice, Ann: *See*—
Yodice, Andrew and A.
Yonan-Malek, Milton, assignee: *See*—
Landon, Richard W., Talmey, and Gutzeit.
Yonash, Robert F., Dallas, Tex. Automatic radio program selector system. 2,544,409, Mar. 6.
Yoncoski, Edward B., Buffalo, N. Y. Clutch for power winches. 2,570,902, Oct. 9.
Yonkers, Edward H., Glencoe, assignor to Joslyn Manufacturing and Supply Corporation, Chicago, Ill. Fuse link. 2,572,901, Oct. 30
Yonkers, Edward H., Glencoe, and J. H. Fahey, assignors to Joslyn Manufacturing and Supply Company, Chicago, Ill. Spring biased sealing device for supporting a luminaire bowl on the reflector. 2,575,310, Nov. 13.
Yonkers, John L., Northbrook, Ill. Dolly for canister type cleaners. 2,573,085, Oct. 30.
Yonkers, William A., Mountain Lakes, assignor to Radio Frequency Laboratories, Inc., Boonton, N. J. Thermostatic switch. 2,549,740, Apr. 17.
Yonkler, Theodore, Bronx, assignor to The Henry Booth Methods Corporation, New York, N. Y. Screen for taking measurements from projections. 2,547,425, Apr. 3.
Yonner, André, Zurich, Switzerland. Sewage disposal plant. 2,553,228, May 15.
York Corporation, assignee: *See*—
Andrews, John M.
Ehrman, Herbert H.
Moore, Paul B.
Patterson, Velt C.
Shoaf, Harry W.
York, Emerson W., and F. C. Smith, assignors to The Firestone Tire & Rubber Company, Akron, Ohio. Apparatus for electrostatically depositing gas-suspended solids. 2,560,047, July 10.
York, Raymond A., Pitman, and C. H. Taylor, Haddonfield, N. J., assignors to Radio Corporation of America. Conducting rubber heating element. 2,575,987, Nov. 20.
York-Shipley, Inc., assignee: *See*—
Mohn, Henry L.
Neiman, Charles H., Jr., and Wood.
York, William S., assignor to Northern Marine Corporation, Bellingham, Wash. Net roller for fishing boats. 2,578,622, Dec. 11.
Yoshimoto, Watson T., Sr., Honolulu, Hawaii. Scaffold bracket. 2,573,086, Oct. 30.
Yost, Emil E., Chicago, Ill. Fur cutting apparatus. 2,573,292, Oct. 30.
Yost, Kenneth J., Westport, assignor to Remington Arms Company, Inc., Bridgeport, Conn. Article feeding means. 2,570,903, Oct. 9.
Yost, Kenneth J., and W. S. Reynolds, Westport, and J. R. Turner, Stratford, assignors to Remington Arms Company, Inc., Bridgeport, Conn. Article feed device. 2,547,551, Apr. 3.
Yost, Lloyd, San Gabriel, Calif., assignor to A. O. Smith Corporation, Milwaukee, Wis. Room cooler. 2,551,227, May 1.
Yost, William J., Dallas, Tex., assignor, by mesne assignments, to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Position reproducing system. 2,558,118, June 26.
Yost, William M., Dayton, Ohio. Multiple pulse generator 2,537,113, Jan 9.
Yost, William M., Dayton, Ohio. Multiple pulse gating. 2,563,902, Aug. 14.
Youhouse, Joseph, Fairfield, assignor to Casco Products Corporation, Bridgeport, Conn. Apparatus for testing thermostatic control devices. 2,571,643, Oct. 16.
Youhouse, Joseph, Fairfield, assignor to Casco Products Corporation, Bridgeport, Conn. Power tool chuck. 2,575,903, Nov. 20.
Youhouse, Joseph, Fairfield, assignor to Casco Products Corporation, Bridgeport, Conn. Electric alarm clock. 2,579,166, Dec. 18.
Young, Allan M., Meriden, Conn., assignor to General Electric Company. Electric toaster. Re. 23,439, Dec. 11.
Young, Allan M., Meriden, Conn., assignor to General Electric Company. Electric toaster. 2,545,404, Mar. 13.
Young, Allan M., Meriden, Conn., assignor to General Electric Company. Side-by-side coffee maker. 2,550,513, Apr. 24.
Young, Allan M., Meriden, Conn., assignor to General Electric Company. Waffle iron. 2,556,892, June 12.
Young, Allan M., Meriden, Conn., assignor to General Electric Company. Hinge construction for electric heating devices. 2,566,915, Sept. 4.
Young, Allan M., Meriden, Conn., assignor to General Electric Company. Side-by-side coffee maker. 2,566,916, Sept. 4.
Young, Allen E., Lakewood, Ohio. Spark discharge pulsing circuit. 2,572,087, Oct. 23.
Young, Allen F., Erie, Pa. Hinge. 2,558,228, June 26.
Young, Arthur E., and E. K. Stilbert, assignors to The Dow Chemical Company, Midland, Mich. Pigment coated paper. 2,537,114, Jan. 9.
Young, Arthur R., Detroit, Mich. Belt unloading mechanism. 2,563,444, Aug. 7.
Young, Austin E., assignor to Syracuse Chilled Plow Co., Inc., Syracuse, N. Y. Potato digger. 2,544,744, Mar. 13.
Young, Austin E., assignor to Syracuse Chilled Plow Co., Inc., Syracuse, N. Y. Potato digger having vine cutter. 2,547,355, Apr. 3.
Young Brothers Company, assignee: *See*—
Fox, Vernie A.
Lisch, Charles H., Jr., and Schuman.
Young, Carroll I., Westminster, Md. Milking truck. 2,560,059, July 10.
Young, Charles A.: *See*—
Baker, Harold E., and Young.
Young, Charles A., Springfield, Ohio. Firearm. 2,553,995, May 22.
Young, Charles E., U. S. Navy. Stabilization network. 2,569,626, Oct. 2.
Young, Charles G., San Mateo, and E. C. Holler, assignors to Patek & Co., San Francisco, Calif. Padding for dry cleaner steam presses. 2,539,714, Jan. 30.
Young, Charles G., San Mateo, and E. C. Holler, assignors to Patek & Co., San Francisco, Calif. Padding for presses or the like. 2,539,715, Jan. 30.
Young, Charles J.: *See*—
Artzt, Maurice, and Young.
Young, Charles J., Princeton, N. J., assignor to Radio Corporation of America. Facsimile synchronizing system. 2,538,547, Jan. 16.
Young, Charles M., Jr.: *See*—
Pollard, Frank R., and Young.
Young, Charles M., and R. L. Wanamaker, Schenectady, N. Y., assignors to General Electric Company. Automatic pilot. 2,570,905, Oct. 9.
Young, Chauncey: *See*—
Gelb, Hubert E., and Young.
Young, Chet W., Woodland, Calif. Shirt construction. 2,551,863, May 8.
Young, Clarence B. F., Leonia, N. J., assignor to National Southern Products Corporation. Buffing compounds. 2,570,904, Oct. 9.
Young, Clarence P., Bellflower, Calif. Fishing tool. 2,542,445, Feb. 20.
Young, Cyril C., Kansas City, Mo. Combination gas and oil burner and control therefor. 2,547,611, Apr. 3.
Young, Cyril C., Kansas City, Mo. Combination oil and gas burner. 2,552,301, May 8.
Young, Cyril C., Kansas City, Mo. Control system for combined oil and gas burners. 2,552,302, May 8.
Young, Cyril C., and D. F. Troupe, assignors to The Vendo Company, Kansas City, Mo. Steam cooker. 2,540,924, Feb. 6.
Young, David W.: *See*—
Garber, John D., Sparks, and Young.
Garber, John D., and Young.
Mikeska, Louis A., and Young.
Morway, Arnold J., and Young.
Newberg, Raymond G., and Young.
Schneider, Helmuth G., Young, and Rocca.
Slotterbeck, Ober C., and Young.
Sparks, William J., and Young.
Sparks, William J., Young, and Garber.
Young, David W., Roselle, N. J., assignor to Standard Oil Development Company. Friedel-Crafts double salt catalyst. 2,542,610, Feb. 20.
Young, David W., Roselle, J. D. Garber, Cranford, and W. J. Sparks, Westfield, N. J., assignors to Standard Oil Development Company. Asphalt resin compositions. 2,549,558, Apr. 17.
Young, David W., Roselle, and W. H. Smyers, Westfield, N. J., assignors to Standard Oil Development Company. Preparing liquid copolymers of ethylene and styrene. 2,563,631, Aug. 7.
Young, David W., Roselle, and A. J. Morway, Rahway, N. J., assignors to Standard Oil Development Company. Wax compositions. 2,577,643, Dec. 4.
Young, De Walt S., Kingsport, Tenn., assignor to Eastman Kodak Company, Rochester, N. Y. Preparing cyano arylamides. 2,575,036, Nov. 13.
Young, Don H., assignor to The McBee Company, Athens, Ohio. Card sorting device. 2,555,666, June 5.

Young, Donald M. and F. G., Jr., and H. R. Guest, Charleston, W. Va., assignors, by mesne assignments, to Union Carbide and Carbon Corporation. Copper-chromium hydrogenation catalyst. 2,544,771, Mar. 13.

Young, Donald M., F. G. Young, Jr., and H. R. Guest, Charleston, W. Va., assignors, by mesne assignments, to Union Carbide and Carbon Corporation. Catalytic hydrogenation of acetophenone to phenyl methyl carbinol. 2,575,403. Nov. 20.

Young, Edgar W., Los Angeles, assignor to Northrop Aircraft, Inc., Hawthorne, Calif. Pin-setting machine. 2,542,956, Feb. 20.

Young, Edward E.: *See*—
Young, James R., H., and E. E.

Young, Eric M., assignor to Cypher Lock Company Limited, Melbourne, Victoria, Australia. Combination lock. 2 554,165, May 22.

Young, Everett E., Co., Inc., assignee: *See*—
McNair, Samuel L., and Wyman.

Young, Farrile S., assignor to Panhandle Eastern Pipe Line Co., Kansas City, Mo. Engine cooling system. 2,570,418, Oct. 9.

Young, Ferdinand H.: *See*—
Ryan, George R., and Young.

Young, Forrest J., Los Angeles, Calif., assignor to The National Supply Company, Pittsburgh, Pa. Consolidated rig. 2,536,483, Jan. 2.

Young, Forest J., Los Angeles, Calif., assignor to The National Supply Company, Pittsburgh, Pa. Crown and traveling blocks and a reeving system therefor. 2,546,683, Mar. 27.

Young, Forrest J., Los Angeles, Calif., assignor to The National Supply Company, Pittsburgh, Pa. Rotary drilling rig. 2,576,872, Nov. 27.

Young, Frank E., Berkeley, and F. T. Jones, El Cerrito, Calif., assignors to the United States of America as represented by the Secretary of Agriculture. Sucrose polyhydrate glazing of fruit. 2,542,068, Feb. 20.

Young, Frank G., Jr.: *See*—
Young, Donald M. and F. G., Jr., and Guest.

Young, Frank G., Charleston, W. Va., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Production of dialdehyde diacetals. 2,556,312, June 12.

Young, Frank W., Medfield, Mass. Filter. 2,567,266, Sept. 11.

Young, Frederick C., and A. E. Proctor, Detroit, assignors to Ford Motor Company, Dearborn, Mich. Shot peening. 2,542,955, Feb. 20.

Young, Garth L., assignor to Signal Oil and Gas Company, Los Angeles, Calif. Directional drilling of deviated bore-holes. 2,565,794. Aug. 28.

Young, George E., assignee: *See*—
Kirk, James A.

Young, Gerald W., Schenectady, N. Y., assignor to General Electric Company. Suspensions of polymeric chlorotrifluoroethylene. 2,542,069, Feb. 20.

Young, Harland H., assignor to Swift & Company, Chicago, Ill. Hygroscopic materials. 2,550,213, Apr. 24.

Young, Harland H., and H. C. Black, assignors to Swift & Company, Chicago, Ill. Solvent treatment. 2,553,288, May 15.

Young, Harry E., Jr.: *See*—
Stahl, Leslie W., and Young.

Young, Harry M., Webster Groves, assignor to Western Wire Products Company, St. Louis, Mo. Wire-forming machine. 2,578,216, Dec. 11.

Young, Harvey L., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Apparatus for guiding gripping means. 2,557,492, June 19.

Young, Henry E., and G. V. Farnham, assignors of two percent to N. B. Spahr, four percent to B. W. Cox, four percent to R. E. Anderson, Knoxville, Tenn., and five percent to B. R. Waller and H. F. Hayes. Butter cutter. 2,553,621, May 22.

Young, Henry S., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Control apparatus for centralized traffic control systems of the code type for single track railroads. 2,549,151, Apr. 17.

Young, Henry S., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Automatic block signaling system for single-track railroads with two-direction coded track circuits. 2,558,473, June 26.

Young, Henry S., Wilkinsburg, Pa., assignor to Westinghouse Air Brake Company. Railway signal control system. 2,572,234. Oct. 23.

Young, Herbert, assignor to National Brass Company, Grand Rapids, Mich. Latch case. 2,578,873, Dec. 18.

Young, Herbert J., Wichita, Kans. Nonvibrating hub for wheels. 2,559,491, July 3.

Young, Hobert D., Harvey, Ill., assignor to Sinclair Refining Company, New York, N. Y. Diesel starting fluid. 2,575,543, Nov. 20.

Young, Howard: *See*—
Young, James R., H., and E. E.

Young, Howard H., Waukegan, D. A. Loper, Hubbard Woods, and M. R. Fields, Libertyville, assignors to Abbott Laboratories, North Chicago, Ill. Disposable syringe. 2,550,394, Apr. 24.

Young, Ira B., Jr., Chattanooga, Tenn. Correspondence tray. 2,554,232, May 22.

Young Iron Works, assignee: *See*—
Lyons, Dan A.

Young, Irving, and J., Brockton, Mass. Nonsag mattress. 2,543,218, Feb. 27.

Young, J. W., & Sons Limited, assignee: *See*—
Young, James R., H., and E. E.

Young, Jacob H., Webster Groves, Mo. Bale tie forming machine. 2,545,332, Mar. 13.

Young, James A. *See*—
Hogue, Alfred L., Raney, Young, and Runaldue.

Young, James H., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Production of alkali metal carbonate perhydrates. 2,541,733, Feb. 13.

Young, James H., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Barium perborate. 2,556,953, June 12.

Young, James P., Paterson, N. J. Emergency shutoff for faucets. 2,569,363, Sept. 25.

Young, James R., H., and E. E., assignors to J. W. Young & Sons Limited, Redditch, England. Fishing reel. 2,558,896, July 3.

Young, John E., Merchantville, N. J., assignor to Radio Corporation of America. Electron discharge device system for obtaining similar or differential tuning adjustments. 2,540,640, Feb. 6.

Young, John E., Merchantville, N. J., assignor to Radio Corporation of America. High-frequency amplifier. 2,551,715, May 8.

Young, John L., and V. E. Carleton, Benton, Ark. Boat trailer. 2,545,128, Mar. 13.

Young, John W., assignee: *See*—
West, Frank R.

Young, Joseph G.: *See*—
Crafton, Walter, and Young.

Young, Julius: *See*—
Young, Irving and J.

Young, L. A., Spring & Wire Corporation, assignee: *See*—
Asaro, Vito.
Clark, William A.
Clark, William A., and Asaro.
Ludwig, Walter.

Young, Larry L.: *See*—
Wilmotte, Raymond M., Cameron, and Young.

Young, Lawrence R., Seattle, Wash. Adjustable traveling power-operated table saw. 2,548,279, Apr. 10.

Young, Leo C., Hyattsville, Md., and R. M. Page, Washington, D. C. Radio ranging system. 2,554,515, May 29.

Young, Le Roy R., and M. E. Spangberg, assignors to Woodmanse Mfg. Co., Freeport, Ill. Deep-well working head. 2,573 753, Nov. 6.

Young, Lloyd W., Elizabeth, N. J., assignor to The Linde Air Products Company. Method and apparatus for cutting ferrous metal bar stock. 2,547,191, Apr. 3.

Young, Lloyd W., Elizabeth, N. J., and T. S. James, Ben Avon, Pa., assignors to The Linde Air Products Company. Blowpipe machine. 2,542,226, Feb. 20.

Young, Louis E., Waukegan, Ill. Screw holding screw driver. 2,562,347, July 31.

Young, Louis H., Auburndale, assignor to Gillette Safety Razor Company, Boston, Mass. Magazine and blade combination. 2,544,410, Mar. 6.

Young, Marshall B., assignor to Floor-O-Matic, Inc., New York, N. Y. Portable steam generator and steam iron. 2,568,104, Sept. 18.

Young, Nat, Forest Hills, N. Y. Ladies' undergarment. 2,550,395, Apr. 24.

Young, Nat, Forest Hills, N. Y. Undergarment for ladies. 2,550,396, Apr. 24.

Young, Norman H., Jr.: *See*—
Labin, Emile, Grieg, and Young.

Young, Norman H., Jr., Jackson Heights, assignor to Federal Telephone and Radio Corporation, New York, N. Y. Television system. 2,538,071, Jan. 16.

Young, Norman W.: *See*—
Le Grand, John P., and Young.

Young, Orel E.: *See*—
Arbiter, Nathaniel, and Young.

Young, Orville H., Elkview, assignor of one-half to G. F. Washington, Charleston, W. Va. Safety cylinder for fluid brakes. 2,556,021, June 5.

Young, Paul O., Norristown, Pa. Folding maid service truck. 2,555,178, May 29.

Young, Pierre W., Glenview, Ill. Electrician's wrench and reamer. 2,575,779, Nov. 20.

Young Radiator Company, assignee: *See*—
Brinen, Howard F., and Kothera.

Young, Raymond E., Denver, Colo. Foldable saw table extension. 2,555,217, May 29.

Young, Richard H., and I. R. Ferguson, assignors to Flectolite, Rochester N. Y. Fishing lure. 2,547,240, Apr. 3.

Young, Richard W., assignor to Morgan Construction Company, Worcester, Mass. Handling of rod bundles or similar annuli. 2,558,503, June 26.

Young, Robert L., Indianapolis, Ind., assignor, by mesne assignments, to The Marquette Metal Products Company, Cleveland, Ohio. Grinding method and apparatus. 2,571,324, Oct. 16.

Young, Sanford C., French Creek, W. Va. Voting machine. 2,550,950, May 1.

Young, Sidney G., assignee: *See*—
Hollis, Gilbert.

Young, Stephen A., Delphi, Ind. Spout, hood, and mixing chamber for sanitary fixtures. 2,546,327, Mar. 27.
Young, Thomas N., Epsom, and E. G. B. Gledhill, Sutton, assignors to Freez-Seal Equipment Company Limited, New Malden, England. Water pipe repairing equipment. 2,572,555, Oct. 23.
Young, Thomas R., Bonnyrigg, Scotland. Pipe joint. 2,549,741, Apr. 17.
Young, Victor J., Jamaica, and J. E. Browder, Garden City, N. Y., assignors to The Sperry Corporation. Ultra high frequency coded transmitter system utilizing stored energy received by the system. 2,572,088, Oct. 23.
Young, W. Harrison, Inc., assignee: *See*—
Kirby, Kathryn.
Young, Walter S., Tulsa, Okla. Meat block scraper. 2,546,577, Mar. 27.
Young, William C., Winston-Salem, N. C., assignor to Western Electric Company, Incorporated, New York, N. Y. Apparatus for testing magnetic properties of cores. 2,550,951, May 1.
Young, William G., Sr., South Plainfield, N. J. Shuffleboard wax composition and making same. 2,550,631, Apr. 24.
Young, William J., Jr., Danbury, Conn. Skin opening machine. 2,541,319, Feb. 13.
Young, William K., Abilene, Tex. Antiskid device. 2,538,182, Jan. 16.
Young, William M., College Point, assignor to Echo Gasket Mfg. Corp., New York, N. Y. Grommet forming machine. 2,538,404, Jan. 16.
Young, William M., and L. B. Paules, Harrisburg, Pa. Pretzel dough extruding and rolling machine. 2,573,754, Nov. 6.
Young, William R., Fairfield, Conn., assignor to General Electric Company. Front mounted lamp holder. 2,573,529, Oct. 30.
Young, William R., Michigan City, and J. M. Bickel, La Porte, Ind. Antitelescoping safety device for semitrailers. 2,550,632, Apr. 24.
Young, William R., Jr., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Multichannel intermodulation interference reduction radio communication system. 2,572,235, Oct. 23.
Young, William T., Canton, Ohio. Spudding tower head frame. 2,558,119, June 26.
Young, Willis L., Chicago, Ill. Threshold lock. 2,553,732, May 22.
Youngberg, Charles H., assignor to Deere & Company, Moline, Ill. Drawbar latch unit for disk harrows. 2,571,512, Oct. 16.
Youngblood, Robert N., Snyder, and W. J. Kluge, assignors, by mesne assignments, to Sterling Molders, Inc., Buffalo, N. Y. Machine for use in making fabrics. 2,550,898, May 1.
Youngblood, Robert N., Snyder, and E. W. Errick, East Aurora, assignors, by mesne assignments, to Sterling Molders, Inc., Buffalo, N. Y. Device for use in assembling parts of fabrics. 2,573,087, Oct. 30.
Youngman, Harold R.: *See*—
Venske, Harold H., and Youngman.
Youngman, John D., Sleepy Eye, Minn. Stall and manger construction. 2,547,426, Apr. 3.
Youngquist, Carl: *See*—
Richard, John S., and Youngquist.
Youngquist, Geraldine, administratrix: *See*—
Richard, John S., and Youngquist.
Youngstown Sheet and Tube Company, The, assignee: *See*—
Aubrey, Richard, Jr., and Chambers.
Colby, Irving A.
Mirfield, George E., and Colby.
Youngstown Steel Door Company, The, assignee: *See*—
Ditchfield, Frank.
Duffie, James A., and Doyle.
Johansson, Carl E.
Madland, Gabriel.
Madland, Thorvald.
Youngstown Welding & Engineering Company, The, assignee: *See*—
Watson, Charles G.
Youngstrom, Clifford L., Wykoff, Minn. Knockdown stand. 2,574,607, Nov. 13.
Younker, Elmer L.: *See*—
Coyle, Joseph E., and Younker.
Doherty, William H., Morrison, and Younker.
Yourstowsky, Steve: *See*—
Kane, Arthur L., and Kemp.
Youtz, Donald E., Irondequoit, assignor to Consolidated Machine Tool Corporation, Rochester, N. Y. Collapsible tap. 2,564,827, Aug. 21.
Yowell, Howard L.: *See*—
Kittleson, Allen R., and Yowell.
Swaney, Miller W., Yowell, and McKay, Jr.
Yowell, Howard L., Westfield, N. J., assignor to Standard Oil Development Company. Fungicidal compositions containing hexachlorocyclopentadiene. 2,548,509, Apr. 10.
Yoxall, John, Detroit, Mich., assignor to National Steel Corporation. Heating furnace. 2,549,742, Apr. 17.
Yuba Manufacturing Company, assignee: *See*
Clark, Robert S.
Von Bolhar, Edgar.
Yuhas, Alexander, Buffalo, N. Y. Artificial eye. 2,551,781, May 8.
Yule, John A. C., assignor to Eastman Kodak Company, Rochester, N. Y. Tone control in photographic development. 2,541,490, Feb. 13.
Yule, John A. C., assignor to Eastman Kodak Company, Rochester, N. Y. Tone control in photography. 2,544,910, Mar. 13.
Yule, John A. C., assignor to Eastman Kodak Company, Rochester, N. Y. Photographic color correction process. 2,578,333, Dec. 11.
Yulich, George M., Kansas City, Kans., assignor to Wilson & Co., Inc. Automatic multiple knife sharpening machine. 2,577,393, Dec. 4.
Yundt, Michael, Company, assignee: *See*—
Gerlach, Charles L., and Marty.
Yungel, Richard R.: *See*—
Colucci, Aldo, and Yungel.
Yutang, Lin, Cannes, France. Page control and page control release for typewriters. 2,577,062, Dec. 4.
Yutzy, Henry C.: *See*—
Vanselow, Waldemar, and Yutzy.
Yvelin, Charles, Vernon, France. Vaporizing type liquid fuel burner. 2,549,279, Apr. 17.
Yven, Emile J., and C. W. Barton, New York, N. Y., assignors to Clairol, Incorporated, Stamford, Conn. Flexible winding rod. 2,565,673, Aug. 28.
Z & W Machine Products, Inc., assignee: *See*—
Ziherl, Frank.
Zabel, Harry H.: *See*—
Zabel, Henry, Jr., and H. H., and Harrison.
Zabel, Henry, Jr., H. H. Zabel, and G. Harrison, Sheboygan, Wis. Tag feeder. 2,550,032, Apr. 24.
Zabel, William P., Cleveland Heights, Ohio, assignor to General Electric Company. Apparatus for applying emission material to cathodes. 2,545,909, Mar. 20.
Zaccard, Raymond T., Chicago, Ill. Combined quiver and sheath. 2,566,786, Sept. 4.
Zachariassen, Stig H. B., assignor to Aktiebolaget Separator, Stockholm, Sweden. Swivel joint. 2,547,106, Apr. 3.
Zacharis, Matheos P., New Orleans, La. Window shade control. 2,574,366, Nov. 6.
Zachlin, Anthony C., Cleveland Heights, assignor to Willard Storage Battery Company, Cleveland, Ohio. Battery plate forming tank. 2,560,836, July 17.
Zachlin, Anthony C., Cleveland Heights, assignor to Willard Storage Battery Company, Cleveland, Ohio. Storage battery. 2,565,674, Aug. 28.
Zachrich, Martin H., Defiance, Ohio. Rural mailbox supporting bracket. 2,552,915, May 15.
Zacko, Leo A., Pottsville, Pa. Filtering device. 2,540,564, Feb. 6.
Zacks, Florence B., Columbus, Ohio. Washable scuff with foam rubber sole. 2,563,092, Aug. 7.
Zacrep, William, Williston, N. Dak. Attachment for shears and the like. 2,553,697, May 22.
Zademach, Erich R., Hillside, and W. W. Clarke, Summit, assignors to Metalwash Machinery Company, Irvington, N. J. Pickling of aluminum. 2,541,901, Feb. 13.
Zademach, Erich R., and W. W. Clarke, Hillside, assignors to Metalwash Machinery Company, Irvington, N. J. Porcelain enameling process. 2,570,299, Oct. 9.
Zadra, John B., Reno, Nev., assignor to the United States of America as represented by the Secretary of the Interior. Electrolytic cell for the deposition of gold and/or silver from solutions. 2,563,903, Aug. 14.
Zadra, John B., Reno, Nev., assignor to the United States of America as represented by the Secretary of the Interior. Extracting gold and silver. 2,579,531, Dec. 25.
Zaenkert, Frederick A.: *See*—
Schmidt, William C., and Zaenkert.
Zaenkert, Frederick A., Green Hills, assignor to The Cincinnati Butchers' Supply Corporation, Cincinnati, Ohio. Lubricant recovery for cutting machines and the like. 2,549,657, Apr. 17.
Zaenkert, Frederick A., Green Hills, assignor to The Cincinnati Butchers' Supply Corporation, Cincinnati, Ohio. Automatic carcass landing device. 2,555,072, May 29.
Zagar, Frank G., Euclid, assignor to Zagar Tool, Inc., Cleveland, Ohio. Control mechanism for hydraulic cutter operating and carriage shifting motors of machine tools. 2,550,649, Apr. 24.
Zagar Tool, Inc., assignee: *See*—
Zagar, Frank G.
Zagata, Christine L., Hawthorne, N. J. Shoulder frame. 2,568,105, Sept. 18.
Zagor, Herbert I.: *See*—
Ruysdael, Basil, Hadden, Zagor, and Alterman.
Zagotti, Nick J., Ford City, Pa. Identification hub cap. 2,569,212, Sept. 25.
Zahm, George G., Buffalo, assignor to The Hurd Corporation, New York, N. Y. Scraper apparatus for centrifugal evaporators. 2,542,269, Feb. 20.
Zahm, George G., Buffalo, assignor to The Hurd Corporation, New York, N. Y. Scraper apparatus for centrifugal evaporators. 2,542,270, Feb. 20.
Zahm, George G., Buffalo, assignor to Hurd Corporation, New York, N. Y. Apparatus for concentrating liquids. 2,546,380, Mar. 27.
Zahm, George G., Buffalo, assignor to Hurd Corporation, New York, N. Y. Apparatus for concentrating liquids. 2,546,381, Mar. 27.

Zahm, George G., Buffalo, assignor to Hurd Corporation, New York, N. Y. Cleansing brush for columnar evaporator and the like. 2,554,546, May 29.
Zahn, Lyle L., Jr.: *See*—
Squires, Walter, Jr., and Zahn.
Zahner, Hubert S., St. Louis, and W. S. Nash, Overland, Mo. Kitchen potato dicer. 2,559,554, July 3.
Zahnow, Orlen C.: *See*—
Paine, Joseph P., and Zahnow.
Zahodiakin, Victor F., Short Hills, N. J. Fastening device. 2,542,968, Feb. 20.
Zahodiakin, Victor F., Short Hills, N. J. Piston ring. 2,563,667, Aug. 7.
Zahodiakin, Victor F., Short Hills, N. J. Spring device. 2,565,108, Aug. 21.
Zaiger, Louis: *See*—
Lappin, Robert I., and Zaiger.
Zaiger, Louis, Swampscott, Mass. Winshield wiper mechanism. 2,559,208, July 3.
Zaiger, Louis, Swampscott, and R. I. Lappin, Marblehead, Mass. Fender flap support. 2,574,310, Nov. 6.
Zaiger, Max, assignee: *See*—
Nesson, Israel.
Zaikoski, Bernard, St. Petersburg, Fla. Fishing float. 2,578,874, Dec. 18.
Zajíc, Vladislav, assignor of one-half to Czechloslovak Metal and Engineering Works, National Corporation, Prague, Czechoslovakia. Magnetic blowout circuit breaker for alternating current. 2,554,547, May 29.
Zajíc, Vladislav, assignor of one-half to Czechoslovak Metal & Engineering Works, National Corporation, Prague, Czechoslovakia. Magnetic switch. 2,568,377, Sept. 18.
Zak, Albert: *See*—
Chodacki, Joseph, and Zak.
Zak, Alphonse J., Milwaukee, Wis. Fluid power transmission. 2,565,289, Aug. 21.
Zak, Alphonse J., Milwaukee, Wis. Thermostatically controlled mixing valve. 2,565,290, Aug. 21.
Zakel, Paul, Stockton, Calif. Rotary beater mill with imperforate concaves, vertical baffled discharge, upper anvil plate, and air and material inlets. 2,546,286, Mar. 27.
Zalar, John F.: *See*—
Von Edeskuty, Joseph J., and Zalar.
Zaleske, Michael J., Union, N. J., assignor to Ideal Clamp Manufacturing Co., Inc., New York, N. Y. Wrap-around hose clamp. 2,577,063, Dec. 4.
Zalkind, Albert M., Arlington, Va. Device for chilling liquid comestibles. 2,550,633, Apr. 24.
Zalkind, Albert M., Arlington, Va. Multiuse folding table. 2,560,679, July 17.
Zalkind, Norman M., assignee: *See*—
Garcia, Salvador G.
Zalkind, Philip, New York, N. Y. Roller bearing for collapsible containers. 2,549,356, Apr. 17.
Zallea Brothers, assignee: *See*—
Zallea, James P., and Mank.
Zallea, James P., Wiimington, and J. J. Mank, Newark, assignors to Zallea Brothers, Wilmington, Del. Making welded steel units. 2,573,530, Oct. 30.
Zalleel, Bae, Van Nuys, Calif. Device for hidden stitch hemming. 2,555,525, June 5.
Zambito, Arthur J., Rahway, and E. E. Howe, Bound Brook, assignors to Merck & Co., Inc., Rahway, N. J. Resolution of para-nitrobenzoyl-L-threonine. 2,563,804, Aug. 14.
Zamboni, William E., Owatonna, assignor to K. E. and C. P. Luger, Minneapolis, Minn., doing business as Kenneth E. Luger Co. Garment hanger. 2,561,963, July 24.
Zambruno, Arthur A.: *See*—
Johnson, Dale C., Warner, and Zambruno.
Zanardo, Peter J., Chicago, Ill. Cigarette dispenser and lighter. 2,545,936, Mar. 20.
Zancan, Ottavio, New York, N. Y. Transmission control. 2,560,321, July 10.
Zandelin, Gustaf A., Malmo, and J. S. Zandelin, Stockholm, assignors to S. E. J. Hellsten, Malmo, Sweden. Collapsible door. 2,537,566, Jan. 9.
Zandelin, Johan S.: *See*—
Zandelin, Gustaf A. and J. S.
Zander, Otto J., Huguenot, N. Y. Signal and searchlight shutter. 2,553,622, May 22.
Zanetti, Angelo, and L. C. Testut, New York, N. Y. Electroplating anode and mount. 2,539,502, Jan. 30.
Zang, David R., Oakland, Calif. Track aligner. 2,557,853, June 19.
Zang, Myer, London, England. Moving figure toy. 2,579,246, Dec. 18.
Zangwill, Bernard L., assignee: *See*—
Guild, Lloyd V.
Zani, Ermanno, Monfalcone, Italy, assignor to Cantieri Riuniti Dell 'Adriatico, S. A., Trieste. Oil and water separator. 2,541,491, Feb. 13.
Zaniroli, René, Paris, France. Heating and drying system. 2,577,441, Dec. 4.
Zanitis, Vit, assignor to Fort Wayne Dairy Equipment Company, Fort Wayne, Ind. Conveyer chain link. 25,79,410, Dec. 18.
Zaoral, Josef: *See*—
Kvapil, Klement, Zaoral, and Ostrčil.
Zaoral, Josef, Zlin-Dily, and V. Ostrčil, Horni Mostenice, assignors to Bata, národní podnik, Zlin, Czechoslovakia. Lasting machine. 2,573,886, Nov. 6.
Zappia, Anthony T., Indianapolis, Ind., assignor to S. & Z. Manufacturing Company, Inc. Drive for hollow glassware forming apparatus. 2,565,749, Aug. 28.
Zar, Jacob L., Orange, assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Pivot bearing. 2,537,200, Jan. 9.
Zar, Jacob L., Orange, assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Long-scale electrical measuring instrument. 2,572,556, Oct. 23.
Zaras, Louis, Flemington, N. J. Hernia pad. 2,547,727, Apr. 3.
Zaras, Louis, New York, N. Y. Hernia pad. 2,569,271, Sept. 25.
Zartman, Florence C.: *See*—
Baker, Barbara R., and Zartman.
Zasadny, Peter: *See*—
Crosby, Stephen A., and Zasadny.
Zaske, Harold E., Ferndale, assignor to Vent Guard Company, Royal Oak, Mich. Regulator air vent guard. 2,551,782, May 8.
Zavales, Charles T., New York, N. Y., F. J. Euler, Jr., Baltimore, Md., and J. E. Kalstein, Washington, D. C., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Automatic exposure timer. 2,561,085, July 17.
Zavod, William A., Mount Vernon, N. Y. Coupling for fish hooks and leaders. 2,552,248, May 8.
Zavody pre Chemicku Vyrobu, narodny podnik, assignee: *See*—
Piller, Bohumil, Zamtlík, Pinkava, and Starý.
Zbell, Samuel P.: *See*—
Rabinowitz, Jacob, and Zbell.
Zbrojovka Brno, Narodni Podnik, assignee: *See*—
Heyrovský, Jaroslav.
Zdankoski, Adolph A., Erie, Pa. Fishing apparatus. 2,555,073, May 29.
Ždichynec, Tomáš: *See*—
Fiala, Jaroslav, and Ždichynec.
Zecca, Robert: *See*—
Mahnken, Walter W., and Zecca.
Zech, August E., Albany, N. Y. Trap hook. 2,570,999, Oct. 9.
Zech, John D., Anchorage, assignor to Devoe & Reynolds Company, Inc., Louisville, Ky. Epoxide preparation. 2,538,072, Jan. 16.
Zecher, Ernest, Middletown, Ohio. Counterbalanced and counteraction internal-combustion engine. 2,561,261, July 17.
Zeegers, Rudolph N. G., Beek, assignor to De Directie van de Staatsmijnen in Limburg, Heerlen, Netherlands. Procedures for the production of hydroxylamine compounds. 2,555,667, June 5.
Zees, Christos W., Chicago, Ill. Automatic coffee maker. 2,568,840, Sept. 25.
Zeesman, Benjamin, assignee: *See*—
Cross, William G.
Zeeven, Johannes H., Haren, Netherlands. End hook. 2,571,402, Oct. 16.
Zeh, Edward A., assignor to Falstrom Company, Passaic, N. J. Barrel lift. 2,570,741, Oct. 9.
Zeh, Gerald H., R. C., and R. J., Calverton, N. Y. Potato viner and cleaner. 2,553,072, May 15.
Zeh, Richard C.: *See*—
Zeh, Gerald H., R. C., and R. J.
Zeh, Roger J.: *See*—
Zeh, Gerald H., R. C., and R. J.
Zehner, Roger E.: *See*—
Brown, Ralph L., and Zehner.
Zehrung Chemical Company, assignee: *See*—
Bailey, Richard B., and Watkins.
Zeidler, Howard M., assignor to Hewlett-Packard Company, Palo, Alto, Calif. Amplifier network. 2,566,508, Sept. 4.
Zeidler, Kurt E., assignor to Standard Railway Equipment Manufacturing Company, Chicago, Ill. Resilient car coupler support. 2,570,742, Oct. 9.
Zeidler, Reinhold C., Detroit, Mich., assignor to Borg-Warner Corporation, Chicago, Ill. Clutch disk. 2,547,427, Apr. 3.
Zeidler, Reinhold C., Detroit, Mich., assignor to Borg-Warner Corporation, Chicago, Ill. Clutch plate. 2,566,394, Sept. 4.
Zeigler, Albert H., Kenilworth, and C. M. Harris, Jr., assignors to Armour and Company, Chicago, Ill. Method and apparatus for drying glues. 2,556,247, June 12.
Zeigler, Albert H., Kenilworth, and C. M. Harris, Jr., assignors to Armour and Company, Chicago, Ill. Glue drying apparatus and method. 2,556,954, June 12.
Zeigler, William P., Fairoaks, Pa. Artificial fish bait. 2,545,129, Mar. 13.
Zeis, Carl W., Lakewood, assignor, to The V. D. Anderson Company, Cleveland, Ohio. Outlet valve mechanism for solvent extraction plants. 2,558,408, June 26.
Zeis, George J. and R. M., Buffalo, N. Y. Visor for automobiles. 2,567,501, Sept. 11.
Zeis, Raymond M.: *See*
Zeis, George J. and R. M.
Zeisel, Eva S., New York, N. Y. Seating furniture. 2,574,367, Nov. 6.
Zeiss, Harold H., Fairlawn-Radburn, N. J., assignor, by mesne assignments, to Pierce Laboratory, Inc., New York, N. Y. Tertiary rosin alcohols and making the same. 2,540,157, Feb. 6.

Zeitlin, Edward J., Yorktown, N. Y. Thermostatically controlled radiator valve. 2,555,264, May 29.
Zeitz, Frederick H., Lubbock, Tex. Self-aligning well pump base. 2,556,384, June 12.
Zeleznik, Joseph J., Pontiac, Mich. Curtain stretcher and drier. 2,549,878, Apr. 24.
Zelezny, Antonin, Velesin, Czechoslovakia. Formation of the combustion space in particular for two-stroke engines. 2,577,558, Dec. 4.
Zelgert, Albert V., St. Paul, Minn. Wrench having pivoted outer-jaw provided with guide slot for handle-jaw extension. 2,546,287, Mar. 27.
Zell, Daniel D., assignee: *See*—
Tamoschat, William.
Zeller, Jean E., Jr.: *See*—
Kindseth, Harold V., and Zeller.
Zeller, Josef J., Wauwatosa, assignor to Square D Company, Milwaukee, Wis. Electric switch. 2,574,770, Nov. 13.
Zeller, Wilbur U., assignor to Micro Equipment Corporation, Chicago, Ill. Film reel combination. 2,563,148, Aug. 7.
Zellweger A. G., Apparate-und Maschinenfabriken Uster, assignee: *See*—
Grob, Oskar.
Grob, Oskar, and Locher.
Zellweger, Conrad, Pregny, assignor to La Nationale S. A., Geneva, Switzerland. Pyrophoric lighter. 2,565,903, Aug. 28.
Zelov, Victor I., Rosemont, Pa. Knockdown radio cabinet. 2,557,244, June 19.
Zelov, Victor I., Rosemont, Pa. Support. 2,576,873, Nov. 27.
Zelt, Elmer J., Fort Wayne, Ind., assignor to General Electric Company. Closure fastener. 2,579,354, Dec. 18.
Zeman, Louis, Danbury, Nebr. Guide for window sashes. 2,578,120, Dec. 11.
Zemberry, William L.: *See*—
Gibson, Walter T., and Zemberry.
Zemel, Sylvan, Newark, N. J. Turnstile checking device. 2,568,378, Sept. 18.
Zendian, Frank V., and H. Macaluso, Clifton, N. J. Card record sorting device. 2,575,505, Nov. 20.
Zenftman, Henryk, Saleoats, and A. McLean, West Kilbride, Scotland, assignors to Imperial Chemical Industries Limited. Production of nitropolystyrene. 2,572,420, Oct. 23.
Zengel, Joseph A., Seattle, Wash. Finger nail trimmer using safety razor blades in a notched blade holder. 2,544,479, Mar. 6.
Zenick, Raymond G., Burbank, Calif. Carrier rack for bottles. 2,559,060, July 3.
Zenith Radio Corporation, assignee: *See*—
Adler, Robert.
Aram, Nathan W.
Aram, Nathan W., and Brown.
Brown, Jesse E.
Chappell, Kenneth M.
Cherry, Walter L., Jr.
Cotsworth, Albert, III.
Ellett, Alexander.
Ellett, Alexander, and Hubbard.
Emde, Kurt.
Emde, Kurt, and Mullaney.
Gray, Richard O.
Miller, Bertrand J., and Morris.
Mullaney, Ralph A.
Prentiss, John G.
Raczynski, Chester E.
Reeves, Pierce E.
Roschke, Erwin M.
Roschke, Erwin M., and Gray.
Striker, George O.
Wagenknecht, Otto E.
Wagenknecht, Otto E., and Gustafson.
Weber, Ronnie I.
Weiler, Peter R.
Zenk, Bernard A., Truman, Minn. Adjustable trailer hitch. 2,569,086, Sept. 25.
Zenke, Herbert J., Oswego, N. Y., and E. E. Arnold, Chicago, Ill., assignors to St. Regis Paper Company, New York, N. Y. Apparatus for measuring, weighing, and loading loose materials into containers. 2,544,210, Mar. 6.
Zenner, George H., and P. M. Riede, Kenmore, N. Y., assignors, by mesne assignments, to Union Carbide Carbon Corporation. Method of and apparatus for withdrawing fluid from containers. 2,567,588, Sept. 11.
Zenner, Raymond E.: *See*—
Camras, Marvin, and Zenner.
Zenner, Raymond E., Brookfield, assignor to Armour Research Foundation of Illinois Institute of Technology, Chicago, Ill. Electromagnetic transducer head assembly. 2,538,405, Jan. 16.
Zenner, Raymond E., Brookfield, assignor to Armour Research Foundation of Illinois Institute of Technology, Chicago, Ill. Winding and reeling mechanism. 2,549,038, Apr. 17.
Zenner, Raymond E., Hollywood, assignor to Nader Engineering Company, Chicago, Ill. Mount for magnetic transducing heads. 2,563,445, Aug. 7.
Zenner, Raymond E., Hollywood, assignor to Armour Research Foundation of Illinois Institute of Technology, Chicago, Ill. Eddy current shield in electromagnetic transducer head. 2,565,191, Aug. 21.
Zenner, Walter J.: *See*—
Nilson, Arthur N., Thienemann, and Zenner.
Zenner, Walter J., Des Plaines, assignor to Teletype Corporation, Chicago, Ill. Secrecy system. 2,547,515, Apr. 3.
Zenner, Walter J., Des Plaines, assignor to Teletype Corporation, Chicago, Ill. Printing telegraph apparatus. 2,555,622, June 5.
Zenner, Walter J., Des Plaines, assignor to Teletype Corporation, Chicago, Ill. Telegraphic selecting apparatus. 2,568,264, Sept. 18.
Zenner, Walter J., Des Plaines, assignor to Teletype Corporation, Chicago, Ill. Tape feeding and storage device. 2,569,364, Sept. 25.
Zenner, Walter J., Des Plaines, assignor to Teletype Corporation, Chicago, Ill. Stop for reciprocating member. 2,574,137, Nov. 6.
Zenner, Walter J., Des Plaines, assignor to Teletype Corporation, Chicago, Ill. Selector mechanism. 2,574,138, Nov. 6.
Zenner, Walter J., Des Plaines, assignor to Teletype Corporation, Chicago, Ill. Interchangeable type carrier. 2,577,064, Dec. 4.
Zentner, Charles, assignee: *See*—
Furedi, Colman.
Zentner, Margaret R., Newark, N. J., and G. J. Haas, New York, N. Y., assignors to Hoffmann-La Roche Inc., Roche Park, Nutley, N. J. N-(β-hydroxyethyl)-3,4,5-trihydroxybenzoic acid amide. 2,571,325, Oct. 16.
Zentner, Margaret R., Newark, assignor to Hoffmann-La Roche Inc., Nutley, N. J. Aqueous solutions of riboflavin. 2,571,326, Oct. 16.
Zentner, Paul H., Milwaukee, Wis. Right and left turn signal for automobiles. 2,547,192, Apr. 3.
Zepelovitch, Nathan, Tel Aviv, Israel, assignor to N. A. Bernstein, New York, N. Y. Writing instrument. 2,559,555, July 3.
Zephyr Manufacturing Co., assignee: *See*—
Lindstrom, Harry E.
Zepp, Louis H., and J. W. Hayward, assignors to Philco Corporation, Philadelphia, Pa. Tuning apparatus. 2,545,681, Mar. 20.
Zerbe, Richard O., Nitro, W. Va., assignor to Monsanto Chemical Company, St. Louis, Mo. Cleaning of metallic surfaces. 2,544,001, Mar. 6.
Zerbe, Richard O., Nitro, W. Va., assignor to Monsanto Chemical Company, St. Louis, Mo. Pickling of metals. 2,547,193, Apr. 3.
Zerbee, Louis J., Bellefontaine, Ohio. Resilient cushion. 2,579,284, Dec. 18.
Zerner, Ernst, and M. Gradsten, New York, N. Y., and F. W. West, North Arlington, N. J., assignors to Sun Chemical Corporation, New York, N. Y. Acrylyl-triazene polymerization products. 2,559,694, July 10.
Zerner, Ernst, and M. W. Pollock, assignors to Sun Chemical Corporation, New York, N. Y. Reaction products of nitriles. 2,559,835, July 10.
Zert, Karel, assignor to United Chemical and Metallurgical Works, Prague, Czechoslovakia. Manufacturing carbon depolarization bodies for atmospheric oxygen elements. 2,566,105, Aug. 28.
Zeruneith, Rudolph E., Philadelphia, Pa. Wire stitching apparatus. 2,554,691, May 29.
Zeruneith, Rudolph E., Philadelphia, Pa. Needle actuating mechanism for circular knitting machines. 2,573,782, Nov. 6.
Zesch, Eugene M., Shillington, assignor to Karl Lieberknecht, Inc., Reading, Pa. Welting instrumentality for knitting machines and use. 2,547,898, Apr. 3.
Zesch, Eugene M., Shillington, assignor to Karl Lieberknecht, Inc., Reading, Pa. Fabric take-up mechanism for textile machines. 2,569,394, Sept. 25.
Zetwo, Regis H.: *See*—
Hedding, Linnie K., and Zetwo.
Zeun, Louis H., assignor to Peter Paul, Inc., Naugatuck, Conn. Machine for depositing nuts on candy bars. 2,547,516, Apr. 3.
Zeun, Louis H., assignor to Peter Paul, Inc., Naugatuck, Conn. Machine for depositing nuts on candy bars. 2,566,712, Sept. 4.
Zevely, Thomas K., Washington, D. C., assignor, by mesne assignments, to Besser Manufacturing Co., Alpena, Mich. Stripping mechanism for block molding machines. 2,566,787, Sept. 4.
Ziblis, Anthony, assignee: *See*—
Kazlauskas, Anthony.
Zichis, Joseph, Chicago, Ill. Method of and apparatus for dehydrating materials. 2,552,360, May 8.
Zick, Leonard P., Chicago, Ill., assignor to Chicago Bridge & Iron Company. Fluid storage vessel. 2,576,167, Nov. 27.
Zickendraht, Christian: *See*—
Kaiser, Otto, Widmer, Buehler, and Zickendraht.
Widmer, Willi, and Zickendraht.
Zickerman, Frederick O., Winnipeg, Manitoba, Canada. Grain stacking machine. 2,539,359, Jan. 23.
Ziebart, Ferdinand L., Winnipeg, Manitoba, Canada. Watch or clock movement. 2,575,437, Nov. 20.

Ziebolz, Herbert, assignor to Askania Regulator Company, Chicago, Ill. Stabilized servomotor control system. 2,542,787, Feb. 20.

Ziebolz, Herbert, assignor to Electronbeam, Ltd., Chicago, Ill. Signal storing device and proportional-control circuits therefor. 2,569,911, Oct. 2.

Ziebolz, Herbert, and P. Glass, assignors to Askania Regulator Company, Chicago, Ill. Electrical motor control system. 2,545,405, Mar. 13.

Zief, Morris, and E. Yanovsky, Philadelphia, Pa., assignors to the United States of America as represented by the Secretary of Agriculture. Unsaturated ether-esters of polyhydric alcohols. 2,541,142, Feb. 13.

Ziegler, Clarence B., Detroit, Mich., assignor to Landis Machine Company, Waynesboro, Pa. Thread grinding machine. 2,557,166, June 19.

Ziegler, Eugene R., Spencerport, assignor to Ritter Company, Inc., Rochester, N. Y. Controller for electric systems. 2,572,295, Oct. 23.

Ziegler, Frank C., Tulsa, Okla. Receptacle. 2,561,835, July 24.

Ziegler, John G., Walnut Creek, Calif., assignor to Taylor Instrument Companies, Rochester, N. Y. Temperature control system. 2,556,955, June 12.

Ziegler, John G., Walnut Creek, Calif., assignor to Taylor Instrument Companies, Rochester, N. Y. Controlling multiple-effect evaporators. 2,576,496, Nov. 27.

Ziegler, Joseph B., Marshall County, Ind. Cylinder head for diesel engines. 2,552,657, May 15.

Ziegler, Paul E., Columbus, Ohio., assignor to Curtiss-Wright Corporation. Airfoil and slat assembly. 2,541,565, Feb. 13.

Ziegler, Peter, Minot, N. Dak. Multispeed induction motor. 2,564,633, Aug. 14.

Zielinski, Leon F.: *See*—
Jansen, Harry B., and Zielinski.

Ziemann, Arvin C., Fairmont, Minn. Conveyer drive tensioner. 2,564,090, Aug. 14.

Ziemmerman, Henry, assignor to Chicago Cardboard Company, Chicago, Ill. Cornice. 2,539,380, Jan. 23.

Ziems, Elmer A.: *See*—
Reaser, William A., Ziems, and Christman.

Zienty, Ferdinand B.: *See*—
Eaker, Charles M., and Zienty.
Kyrides, Lucas P., and Zienty.

Zienty, Ferdinand B., Brentwood, assignor to Monsanto Chemical Company, St. Louis, Mo. Shortstopping agents in emulsion polymerization. 2,547,194, Apr. 3.

Zienty, Ferdinand B., Brentwood, and D. J. Harvey, assignors to Monsanto Chemical Company, St. Louis, Mo. Gentisic acid and its alkali metal and ammonium salts. 2,547,241, Apr. 3.

Zienty, Mitchell F., Elkhart, Ind., assignor to The Upjohn Company, Kalamazoo, Mich. N'-substituted-3-pyridine sulfonamides. 2,541,902, Feb. 13.

Zierden, Frank P., Cudahy, Wis. Hose storage device. 2,568,532, Sept. 18.

Zies, Carl W., Lakewood, and F. W. Weigel, Fairview Village, assignors to The V. D. Anderson Company, Cleveland, Ohio. Plug seal for solvent extraction columns. 2,549,997, Apr. 24.

Ziffer, Garret F., Syracuse, N. Y., assignor to General Electric Company. Electronic regulator circuit. 2,536,830, Jan. 2.

Zifferer, Lothar R., York, Pa. Introduction of magnesium into molten iron. 2,577,837, Dec. 11.

Zigterman, Nicholas, Highland, Ind. Storm and insect netting shield for baby carriages. 2,546,843, Mar. 27.

Ziherl, Frank, Euclid, Ohio, assignor to Z & W Machine Products, Inc. Mercury seal bushing. 2,547,428, Apr. 3.

Ziherl, Frank, Euclid, Ohio, assignor to Z & W Machine Products, Inc. Spray attachment for fluid containers. 2,556,050, June 5.

Ziherl, Frank, Euclid, Ohio. Spray attachment for fluid containers. 2,556,051, June 5.

Ziherl, Frank, Euclid, Ohio. Sprayer. 2,557,246, June 19.

Ziherl, Frank, Euclid, Ohio. Double-action sprayer. 2,557,247, June 19.

Zikmund, Edward J.: *See*—
Miner, Carroll R., and Zikmund.

Zildjian, Avedis A., Quincy, Mass. Cymbal. 2,559,143, July 3.

Zilinski, Michael, New Rochelle, N. Y. Artificial teeth. 2,539,882, Jan. 30.

Zilinski Michael, New Rochelle, N. Y. Artificial teeth. 2,539,883, Jan. 30.

Zillger, Arno, Merion, assignor to Molded Insulation Company, Philadelphia, Pa. Control apparatus for radiophonograph having magnetic and disk type recording systems 2,557,245, June 19.

Zilligen, Grady J.: *See*—
Schaar, Charles H., and Zilligen.

Zillman, Ben V., St. Louis, Mo. Pivotal connection replacement. 2,553,158, May 15.

Zillmer, Erich, Braunschweig-Querum, Germany. Projector provided with protecting casing. 2,573,088, Oct. 30.

Zimmer, John C.: *See*—
Morway, Arnold J., and Zimmer.

Zimmer, John C., Union, G. W. Duncan, Westfield, and C. E. Paxton, Jamesburg, N. J., assignors to Standard Oil Development Company. Rust inhibiting composition. 2,560,202, July 10.

Zimmer, John S., Scotia, N. Y., assignor to General Electric Company. Variable electric resistance device. 2,541,852, Feb. 13.

Zimmer, John S., Scotia, N. Y., assignor to General Electric Company. Electromagnet control device. 2,546,053, Mar. 20

Zimmer, Leo J., assignee: *See*—
Mormann, Henry L.

Zimmer Manufacturing Company, assignee: *See*—
Ettinger, Joe J.
Hawley, Jesse E.

Zimmer, Myron J., Wood Dale, assignor to Ekco Products Company, Chicago, Ill. Wall fixture. 2,572,797, Oct. 23

Zimmer, Myron J., Wood Dale, and E. L. Duskey, Western Springs, assignors to Ekco Products Company, Chicago, Ill. Safety plug for pressure cookers. 2,580,340, Dec. 25.

Zimmer, Robert L.: *See*—
Ballentine, Richard E., and Zimmer.

Zimmerly, Edward P., assignor to E. A. Zimmerly, Chicago, Ill. Clothes lifter. 2,554,608, May 29.

Zimmerly, Estelle A., assignee.: *See*—
Zimmerly, Edward P.

Zimmerman, Charles, Brooklyn, N. Y., assignor to the United States of America as represented by the Atomic Energy Commission. Preparing perhaloacetyl peroxide. 2,580,373, Dec. 25.

Zimmerman, Charles H., Nichols, assignor to United Aircraft Corporation, East Hartford, Conn. Limit stop for variable pitch propellers 2,577,065, Dec. 4.

Zimmerman, Chester E., Baltimore, Md. Plug. 2,574,160, Nov. 6.

Zimmerman, Edgar W., assignee: *See*—
Lonier, Randolph A.

Zimmerman, Edward C.: *See*—
Arenberg, Albert L., and Zimmerman.

Zimmermann, Hans J.: *See*—
Wickwire, Arthur M., and Zimmermann.

Zimmerman, Harry, New York, N. Y. Musical instrument of the xylophone type. 2,540,925, Feb. 6.

Zimmerman, Harry, New York, N. Y. Toy musical instrument. 2,541,143, Feb. 13.

Zimmerman, Harry, New York, and V. Zimmerman, Elmhurst, N. Y Magnetic toy blocks. 2,570,625, Oct. 9.

Zimmerman, Herman M., Cleveland, and N. C. Cahoon, Lakewood, Ohio, assignors, by mesne assignments, to Union Carbide and Carbon Corporation. Primary cell and battery and making same. 2,572,296, Oct. 23.

Zimmerman, Leonard R., assignor to Guntert and Zimmerman, Stockton, Calif. Supporting truck for canal lining equipment. 2,549,953, Apr. 24.

Zimmerman, Leonard R., San Joaquin, assignor to Guntert and Zimmerman, Stockton, Calif. Truck for canal lining equipment. 2,549,954, Apr. 24.

Zimmerman, Merritt A., Cleveland, Ohio. Reversing tapping head. 2,538,548, Jan. 16.

Zimmerman Packing Company, assignee: *See*—
Zimmerman, Ralph C.

Zimmerman, Ralph C., assignor to Zimmerman Packing Company, Norwood, Ohio. Packaging sheet material. 2,580,060, Dec. 25.

Zimmerman, Robert F., and J. H. Hoge, assignors, by mesne assignments, to Hoge Warren Zimmerman Co., Cincinnati, Ohio. Continuous mixing and delivering apparatus. 2,538,891, Jan. 23.

Zimmerman, Robert M., Providence, and W. V. Kennedy, Central Falls, R. I., assignors to Fram Corporation. Quickly removable filter casing cover. 2,568,181, Sept. 18.

Zimmerman, Victor: *See*—
Zimmerman, Harry, and V.

Zimmerman, William F.: *See*—
Russell, Mark N., and Zimmerman.

Zimmerman, Willy E., Chicago, and H. C. Konrad, Lake Bluff, assignors to Standard Cap and Seal Corporation, Chicago, Ill. Closure feeding and applying mechanism. 2,574,771, Nov. 13.

Zimmermann, Carl T., Old Greenwich, assignor to Globe Slicing Machine Co., Inc., Stamford, Conn. Slicing machine substance carriage. 2,538,073, Jan. 16.

Zimmermann, Hans J.: *See*—
Harrison, William R., Kilpatrick, Zimmermann, Sproul, and Galleher.

Zimmermann, Jan H., Serbalawan, Sumatra's Oostkust, Netherlands East Indies. Bale of fibrous material and forming same. 2,546,809, Mar. 27.

Zimmermann, Lukas, Birmingham, Mich. Screw clamp. 2,555,386, June 5.

Zimmermann, Lukas, Birmingham, Mich. Cutting tool. 2,556,745, June 12.

Zimmermann, Siegfried J., Wallersee, near Salzburg, Austria, assignor to Internationale Aktiengesellchaft für Gassynthesen, Vaduz, Liechtenstein. Preserving mixed food. 2,549,743, Apr. 17.

Zimmermann, Willy E., assignor to Standard Cap and Seal Corporation, Chicago, Ill. Closure applying machine. 2,544,626, Mar. 6.

Zimmermann, Willy E., assignor to Standard Cap and Seal Corporation, Chicago, Ill. Bottle capping machine. 2,546,205, Mar. 27.

Zimmerschied, Wilford J.: *See*—
Lien, Arthur P., Zimmerschied, and Higley.

Zimpel, Richard F., assignor to Beech-Nut Packing Company, Canajoharie, N. Y. Machine for handling glass jars. 2,540,181, Feb. 6.
Zimsky, John J., assignor to Pennsylvania Transformer Company, Pittsburgh, Pa. Making transformer cores. 2,543,089, Feb. 27.
Zimsky, John J., assignor to Pennsylvania Transformer Company, Pittsburgh, Pa. Transformer bushing terminal and hinged cover therefor. 2,575,480, Nov. 20.
Zingsheim, Edward W., assignor to Dana Corporation, Toledo, Ohio. Balking ring clutch. 2,574,004, Nov. 6.
Zink, John L.: *See*—
Greer, Donald M., and Zink.
Reed, Robert D., and Zink.
Zink, John S., assignee: *See*—
Reed, Robert D.
Zink, William L.: *See*—
Hill, Stanley E., and Zink.
Zinn, Cleo, assignee: *See*—
Williams, Harry S.
Zinn, Julius A., Jr., Chicago, Ill. Method and apparatus for making laminated packaging blanks. 2,542,298, Feb. 20.
Zinn, Julius A., Jr., Chicago, Ill. Pressure mechanism for box forming machines. 2,547,899, Apr. 3.
Zinn, Julius A., Jr., Chicago, Ill. Carton. 2,553,803, May 22.
Zinn, Julius A., Jr., Chicago, Ill. Carton having end closures of substantially uniform thickness. 2,553,804, May 22.
Zinn, Julius A., Jr., Chicago, Ill. Pour seal structure for cartons. 2,555,526, June 5.
Zinn, Julius A., Jr., Chicago, Ill. Lined carton. 2,558,918, July 3.
Zinn, Julius A., Jr., Chicago, Ill. Method and apparatus for closing and sealing containers. 2,575,544, Nov. 20.
Zinn, Ralph E.: *See*—
Williams, Harry S.
Zinn Walter H., Chicago, Ill., assignor to the United States of America as represented by the United States Atomic Energy Commission. Measuring radiation of neutrons. 2,558,919, July 3.
Zinn, Walter H., Chicago, Ill., assignor to the United States of America as represented by the United States Atomic Energy Commission. Material and method of radiography. 2,574,681, Nov. 13.
Zinn, Walter H., Chicago, Ill., assignor to the United States of America as represented by the United States Atomic Energy Commission. Neutron density indicator device. 2,579,994, Dec. 25.
Zinner, Daniel, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Producing indigo vat dye paste. 2,559,269, July 3.
Zinsco Electrical Products Company, assignee: *See*—
Wilson, Allan H.
Zint, George, Wapakoneta, Ohio. Typewriter for writing continuously in opposite directions. 2,578,771, Dec. 18.
Zinzalian, George, Boonton, N. J., assignor to E. F. Drew & Co., New York, N. Y. Polyalkanolamine condensed with fatty acid mixture. 2,538,929, Jan. 23.
Ziph, Andrew H., St. Joseph, Mo. Electrical junction box connector. 2,574,608, Nov. 13.
Ziska, Adam, Wauwatosa, assignor to S. M. Kaufman, Milwaukee, Wis. Cup for refrigerated commodities. 2,561,262, July 17.
Ziska, Adam, Wauwatosa, assignor to Research Products Corporation, Madison, Wis. Apparatus for making slitted and expanded sheet material. 2,565,641, Aug. 28.
Ziskal, Joseph F., Cicero, Ill., assignor to International Harvester Company. Telemeter type hydraulic power transmitting system. 2,573,943, Nov. 6.
Ziskin, Manuel S., University Heights, and L. W. Cline, Berea, assignors to Kromex Corporation, Cleveland, Ohio. Filtering device for coffee makers. 2,577,990, Dec. 11.
Zisman, William A., and C. M. Murphy, Jr., Washington, D. C., and J. K. Wolfe, Bethesda, Md. Lubricating compositions. 2,539,503, Jan. 30.
Zisman, William A., and C. M. Murphy, Jr., Washington, D. C., and J. K. Wolfe, Bethesda, Md. Lubricating composition. 2,539,504, Jan. 30.
Zisman, William A., Washington, D. C., D. R. Spessard, Schenectady, N. Y., and J. G. O'Rear, Washington, D. C. Noninflammable hydraulic fluids and lubricants. 2,558,030, June 26.
Zitkowski, Herman E., Denver, Colo. Stone catcher. 2,566,395, Sept. 4.
Zitzewitz, Barbara O., assignee: *See*—
Vischer, Alfred, Jr.
Zitzewitz, Elmer K., assignee: *See*—
Vischer, Alfred, Jr.
Zitzewitz, Gertrude J., assignee: *See*—
Vischer, Alfred, Jr.
Zitzewitz, Walter W., assignee: *See*—
Vischer, Alfred, Jr.
Žížek, Antonín, assignor to Bata, narodni podnik, Zlin, Czechoslovakia. Machine for fixing shoelace hooks, eyelets, and the like in workpieces. 2,555,623, June 5.
Zmatlík, Josef: *See*—
Piller, Bohumil, Zmatlík, Pinkava, and Starý.
Znidarsic, Louis J., Euclid, Ohio. Venetian blind. 2,546,534, Mar. 27.
Zobel, Carl F., assignor to Eastman Kodak Company, Rochester, N. Y. Daylight loading developing tank. 2,566,281, Aug. 28.
Zobel, Carl F., and A. B. Fox, assignors to Eastman Kodak Company, Rochester, N. Y. Daylight-loading developing tank. 2,537,925, Jan. 9.
Zobel, Theodor W., Braunschweig-Lehndorf, Germany. Interference device for evaluating interference phenomena over a large region. 2,555,387, June 5.
Zobel, Theodor W., Braunschweig-Lehndorf, Germany. Flow profile for reduced drag. 2,562,227, July 31.
Zoeller, Herman J., Union, N. J., assignor to Standard Oil Development Company. Stabilized paraffin wax. 2,550,438, Apr. 24.
Zola, Colman: *See*—
Miller, Fred S., and Zola.
Zoll, Carl Michael, assignor to Hydro Power, Inc., New Orleans, La. Rotary pump. 2,575,154, Nov. 13.
Zollars, Richard U.: *See*—
Hill, George B., and Zollars.
Zonolite Company, assignee: *See*—
Watts, Vilas E.
Zook, Clarence R., Bringhurst, Ind. Conversion unit for motor cycles. 2,540,926, Feb. 6.
Zoppelt, Samuel, Berea, assignor to Rop-Loc Products Co., Cleveland, Ohio. Clothesline prop. 2,546,578, Mar. 27.
Zorn, Allen O., assignor to Ariens Company, Brillion, Wis. Implement assembly for rotary tillers. 2,574,772, Nov. 13.
Zoss, Abraham O., Easton, Pa., assignor to General Aniline & Film Corporation, New York, N. Y. Production of form-stable, rubberlike polyvinyl isopropyl ethers. 2,555,179, May 29.
Zouckermann, Armand, assignor to Societe Anonyme Freins Jourdain Monneret, Paris, France. Electromagnetic brake for rail vehicles. 2,542,788, Feb. 20.
Zozulin, Igor: *See*—
Okulitch, George J., and Zozulin.
Zsamboky, Theodore A., Pittsburgh, Pa., assignor to United States Steel Company. Apparatus for cooling mill rolls. 2,550,899, May 1.
Zschokke, Diethelm, assignor to Autophon Aktiengesellschaft, Solothurn, Switzerland. Device for phase modulation. 2,550,634, Apr. 24.
Zschokke, Diethelm, assignor to Autophon Aktiengesellschaft, Solothurn, Switzerland. Device for phase modulation. 2,561,455, July 24.
Zuber, Ervin F., Mount Vernon, Iowa. Wagon box. 2,573,293, Oct. 30.
Zublin, John A., Los Angeles, Calif. Apparatus for drilling and recovering side wall cores. 2,571,644, Oct. 16.
Zuck, Daniel R., Los Angeles, Calif. Wing with interconnected flap and nose slat. 2,538,224, Jan. 16.
Zuck, Nicholas: *See*—
Spillman, Gordon C., and Zuck.
Waters, Daniel V., and Zuck.
Zuck, Victor I., Kenmore, assignor to The Rudolph Wurlitzer Company, North Tonawanda, N. Y. Pickup for electric organs. 2,542,611, Feb. 20.
Zuck, Victor I., Kenmore, assignor to The Rudolph Wurlitzer Company, North Tonawanda, N. Y. Electric organ coupler assembly. 2,547,918, Apr. 3.
Zuck, Victor I., Kenmore, assignor to The Rudolph Wurlitzer Company, North Tonawanda, N. Y. Marking strip. 2,555,299, May 29.
Zuck, Victor I., Kenmore, assignor to The Rudolph Wurlitzer Company, North Tonawanda, N. Y. Electric organ. 2,570,178, Oct. 2.
Zucker, Morris, East Orange, N. J. Brush carrying device for cleaning articles of clothing. 2,546,288, Mar. 27.
Zuckerman, Arthur E., assignee: *See*—
Kershaw, Henry.
Zuckerman, Herbert L., assignee: *See*—
Kershaw, Henry.
Zuckerman, Honi, assignee: *See*—
Kershaw, Henry.
Zuckerman, Joseph S., Chicago, Ill. Self-contained cooler using Dry Ice refrigerant. 2,580,210, Dec. 25.
Zuckerman, Sam, Arverne, assignor to Ever-Rite Toy Co., Inc., New York, N. Y. Musical play pen toy. 2,577,497, Dec. 4.
Zuckermann, Armand, assignor to Societe Anonyme Freins Jourdain-Monneret, Paris, France. Electromagnetic rail brake. 2,564,945, Aug. 21.
Zuhn, Arthur A., East Peoria, assignor to Caterpillar Tractor Co., Peoria, Ill. Engine balancer. 2,566,476, Sept. 4.
Zuk, Henry G., Madison, Ill. Drawer attachment for beds. 2,538,549, Jan. 16.
Zukor, Arnold, Bronx, N. Y. Safety seat for cleaning windows. 2,559,102, July 3.
Zukor, Arnold, New York, N. Y. Auxiliary nonskid wheel for motor vehicles. 2,562,758, July 31.
Zumbro, Frank R., assignor to Frick Company, Waynesboro, Pa. Multistage refrigeration system. 2,553,623, May 22.
Zummach, Karl G., assignor to Briggs Manufacturing Company, Detroit, Mich. Vehicle body closure check means and latch. 2,538,930, Jan. 23.
Zummach, Karl G., assignor to Briggs Manufacturing Company, Detroit, Mich. Bow and tacking strip assembly. 2,538,931, Jan. 23.

Zumski, Edward, assignor to Ekco Products Company, Chicago, Ill. Can opener. 2,568,106, Sept. 18.
Zunino, Carl, Oakland, Calif. Dispensing machine. 2,577,394, Dec. 4.
Zupanick, Frank J., assignor to Lovell Manufacturing Company, Erie, Pa. Laminated hockey stick. 2,569,395, Sept. 25.
Zurbuchen, Louis E., Zurich, Switzerland, assignor to The National Cash Register Company, Dayton, Ohio. Cash register and accounting machine. 2,571,645, Oct. 16.
Zurbuchen, Louis E., Zurich, Switzerland, assignor to The National Cash Register Company, Dayton, Ohio. Autographic register. 2,577,395, Dec. 4.
Zürcher, Roger, Les Brenets, Switzerland. Shock absorbing device for bearings of horological movers. 2,538,142, Jan. 16.
Zurlinden, Cyril P., Rocky River, Ohio. Bottle pouring cap and closure. 2,573,378, Oct. 30.
Zurn, J. A., Manufacturing Company, assignee: *See*—
Ramsey, Wellington L.
Schmid, John H.
Schmid, John H., Tansey, and Seigel.
Shenk, Robert H.
Zurndorfer, Esther E. M., Chicago, Ill. Cosmetic compact. 2,553,348, May 15.
Zurndorfer, Esther E. M., Chicago, Ill. Telescoping hairdressing comb. 2,577,991, Dec. 11.
Zuschlag, Theodore, West Englewood, N. J., assignor to Magnetic Analysis Corporation, Long Island City, N. Y. Magnetic testing of elongated material. 2,574,311, Nov. 6.
Zwack, Raymond T., West Caldwell, assignor to Bendix Aviation Corporation, Teterboro, N. J. Fluid control means. 2,557,333, June 19.
Zwack, Raymond T., West Caldwell, assignor to Bendix Aviation Corporation, Teterboro, N. J. Fluid control system and means. 2,557,334, June 19.
Zwanziger, Arthur N.: *See*—
Ashton, Edward H., and Zwanziger.
Zweidler, Reinhard: *See*—
Häusermann, Heinrich, and Zweidler.
Zweidler, Reinhard, and H. Häusermann, assignors to J. R. Geigy A. G., Basel, Switzerland. Triazine brightening agents. 2,539,766, Jan. 30.
Zweifel, George E., and D. H. Bookhultz, assignors to George E. Zweifel & Company, Portland, Oreg. Sawmill hydraulic carriage assembly. 2,569,842, Oct. 2.
Zweifel, George E., & Company, assignee: *See*—
Zweifel, George E., and Bookhultz.
Zweifel, Henry C., Inglewood, assignor to Richfield Oil Corporation, Los Angeles, Calif. Lubricating and sealing composition of flake copper, powdered lead, graphite, and petroleum vehicle. 2,543,741, Feb. 27.
Zwelling, Martin I., Zanesville, Ohio, assignor to McGraw Electric Company. Coating and impregnating an electrical device. 2,551,864, May 8.
Zwelling, Martin I., Zanesville, Ohio, assignor to McGraw Electric Company. Impregnating transformers. 2,561,456, July 24.
Zwickl, Joseph R., East Orange, assignor to Worthington Pump and Machinery Corporation, Harrison, N. J. Water remover and air concentrator for refrigerating systems. 2,577,598, Dec. 4.
Zwicky Limited, assignee: *See*—
Spurin, Leslie T.
Zwiebach, Leo and M., New York, N. Y. Self-cooling container. 2,556,893, June 12.
Zwiebach, Mendy: *See*—
Zwiebach, Leo and M.
Zwilling, Jean-Paul, H. Bassoli, and C. Grander, Salindres, France, assignors to Pechiney-Compagnie de Produits Chimiques et ElectrometaHurgiques. Production of acrylic nitrile. 2,579,638, Dec. 25.
Zwissig, Anthony, assignee: *See*—
Bian, John T.
Zwobada, René: *See*—
Touraton, Emile, Zwobada, and Gratzmuller.
Zwoboda, Arthur E., and D. Benedict, New York, N. Y. Bowling alley grinding machine. 2,550,749, May 1.
Zworykin, Vladimir K., Princeton, N. J., assignor to Radio Corporation of America. Color television. 2,566,713, Sept. 4.
Zwosta, William M., Columbus, Ohio. Pickle pumping machine. 2,560,060, July 10.

1951

LIST OF DESIGN PATENTEES

Abco Mold & White Metal Castings Co., Inc., assignee: *See*—
Frentzel, Edgar G.

Abel, Jacob, Queens, and A. Zwierzynski, Bronx, assignors to H. Hyman, New York, N. Y. Christmas tree stand or similar article. 161,404, Jan. 2.

Aberer, James B.: *See*—
Talge, Henry J., and Aberer.

Abraham, Herbert, New York, N. Y., assignor to The Ruberoid Co., Bound Brook, N. J. Roofing shingle. 164,271, Aug. 21.

Abraham, Simon, Atlanta, Ga. Medical instrument. 161,670, Jan. 23.

Abrams Instrument Corporation, assignee: *See*—
Bintz, Edwin C.

Accardi, Leonard J., Brooklyn, N. Y. Stocking. 162,277, Mar. 6.

Achenbach, Charles J., Manitowoc, Wis. Fish grip. 161,405, Jan. 2.

Ackerman, Harry, Reinbeck, Iowa. Wire tying tool. 162,607, Mar. 27.

Acme Products Corporation, assignee: *See*—
Ragsdale, James W.

Acme Visible Records, Inc., assignee: *See*—
Hall, Marchand B.

Acocello, Domenick, Los Angeles, Calif. Handle. 161,890, Feb. 13.

Adams, Dora L., Balboa, C. Z. Applicator for hair treatment. 161,607, Jan. 16.

Adams, Edward E., Washington, D. C. Traveling bag. 163,552, June 12.

Adams, Harriet E., San Antonio, Tex. Textile fabric. 165,317, Dec. 4.

Adams, Jose, Los Angeles, Calif. Combination clothesline tightener and joiner. 162,767, Apr. 10.

Adams, Robert K., New York, N. Y. Knitted mitten or the like. 161,988, Feb. 20.

Adams, Wilbur H., Millcreek Township, Erie County, assignor to Erie City Manufacturing Company, Erie, Pa. Wheel chair. 164,662, Oct. 2.

Adams, William J.: *See*—
Armington, Stewart F., and Adams.

Adkinson, Joseph, assignor to Home Furniture Co., York, Pa. Furniture handle. 162,504, Mar. 20.

Adkinson, Joseph, assignor to Home Furniture Co., York, Pa. Handle for furniture. 162,505, Mar. 20.

Adler, Samuel E., Chicago, Ill. Combined television screen window and control unit. 162,503, Mar. 20.

Adler, Samuel E., Chicago, Ill. Radio-television receiver and phonograph cabinet. 162,608, Mar. 27.

Adler, Samuel E., Chicago, Ill. Television cabinet control panel. 162,609, Mar. 27.

Adler, Samuel E., Chicago, Ill. Television cabinet. 162,703, Apr. 3.

Adler, Samuel E., Chicago, Ill. Television cabinet. 162,704, Apr. 3.

Adler, Samuel E., Chicago, Ill. Combined radio-phonograph and television cabinet. 162,920, Apr. 17.

Adler, Samuel E., assignor to Admiral Corporation, Chicago, Ill. Combined television and radio-phonograph cabinet. 163,014, Apr. 24.

Adler, Samuel E., assignor to Admiral Corporation, Chicago, Ill. Television cabinet. 163,015, Apr. 24.

Adler, Samuel E., assignor to Admiral Corporation, Chicago, Ill. Television cabinet. 163,157, May 8.

Adler, Samuel E., assignor to Admiral Corporation, Chicago, Ill. Combined television and radio-phonograph cabinet. 163,237, May 15.

Adler, Samuel E., Chicago, Ill. Combined television and radio-phonograph cabinet. 163,238, May 15.

Adler, Samuel E., assignor to Admiral Corporation, Chicago, Ill. Combination clock and radio cabinet. 163,506, June 5.

Adler, Samuel E., assignor to Admiral Corporation, Chicago, Ill. Radio cabinet. 163,507, June 5.

Adler, Samuel E., assignor to Admiral Corporation, Chicago, Ill. Combined television screen window frame and control unit. 163,553, June 12.

Adler, Samuel E., assignor to Admiral Corporation, Chicago, Ill. Combined radio, phonograph, and television cabinet. 163,730, June 26.

Adler, Samuel E., assignor to Admiral Corporation, Chicago, Ill. Radio-phonograph cabinet panel. 163,731, June 26.

Adler, Samuel E., assignor to Admiral Corporation, Chicago, Ill. Radio cabinet. 163,732, June 26.

Adler, Samuel E., assignor to Admiral Corporation, Chicago, Ill. Combination television and radio-phonograph cabinet. 163,838, July 10.

Adler, Samuel E., assignor to Admiral Corporation, Chicago, Ill. Radio-phonograph and television cabinet. 164,079, July 31.

Adler, Samuel E., assignor to Admiral Corporation, Chicago, Ill. Television cabinet. 164,080, July 31.

Adler, Samuel E., Chicago, Ill. Radio cabinet. 164,891, Oct. 23.

Adler, Solomon, Kew Gardens, N. Y. Combined ash tray, cigarette holder, and lighter. 163,984, July 24.

Adlerberg, Vasili, assignor to Sherneth Corporation, New York, N. Y. Pin-clip or the like. 163,839, July 10.

Adlerberg, Vasili, assignor to Sherneth Corporation, New York, N. Y. Pendant or the like. 163,840, July 10.

Admiral Corporation, assignee: *See*—
Adler, Samuel E.

Adrema Limited, assignee: *See*—
Moon, William R. H.

Advance Glove Manufacturing Company, assignee: *See*—
Lombardo, Santo J.

Ainsworth, George, New Hyde Park, N. Y. Fluorescent lighting fixture. 162,278, Mar. 6.

Air-Way Electric Appliance Corporation, assignee: *See*—
Florian, Gordon W.

Aitken, Roy, Glasgow, Scotland. Soapholder. 162,506, Mar. 20.

Aitken, Roy, Glasgow, Scotland. Chamber pot. 162,610, Mar. 27.

Aitken, Roy, Glasgow, Scotland. Soap holder. 162,921, Apr. 17.

Aitken, Roy, Glasgow, Scotland. Chamber pot. 163,016, Apr. 24.

Aitken, Roy, Glasgow, Scotland. Chamber pot. 163,158, May 8.

Aktiebolaget Elektrolux, assignee: *See*—
Forsberg, Axel A.

Alba Footwear, Inc., assignee: *See*—
Alpert, Robert.

Albert, Vernon K., Alhambra, assignor to Altec Lansing Corporation, Los Angeles, Calif. Combined microphone and support unit. 161,891, Feb. 13.

Alcore Novelty Company, assignee: *See*—
Pagliuca, Michael.

Alford, Carl C., Glendale, Calif. Cribbage board. 164,148, Aug. 7.

Alexander, Frank C., Bloomington, Ill. Hammer. 161,810, Feb. 6.

Alexander, Joseph, New York, N. Y. Flocked fabric. 165,206, Nov. 20.

Alexander, Joseph, New York, N. Y. Flocked fabric. 165,207, Nov. 20.

Alexander, Joseph, New York, N. Y. Flocked fabric. 165,208, Nov. 20.

Alexander, Lorraine F., Chicago, Ill. Puppet. 163,733, June 26.

Alexander, Lorraine F., Chicago, Ill. Puppet. 163,734, June 26.

Alexander, Ocie P., assignee: *See*—
Graham, Thomas T.

Allen, Frank B., Towaco, N. J. Fire extinguisher. 164,346, Aug. 28.

Allen, Grosvenor N., and L. E. Ressegger, Oneida, N. Y., and M. P. Fleming, Newark, N. J., assignors to Oneida Ltd., Oneida, N. Y. Spoon or similar article. 163,436, May 29.

Allen, Herbert, assignor to Cameron Iron Works, Inc., Houston, Tex. Valve. 161,989, Feb. 20.

Allen, Milton H., Richmond Hill, N. Y. Automobile body. 164,149, Aug. 7.

Allen, Perry E., Detroit, Mich. Automobile gasoline door guard. 161,990, Feb. 20.

Allen, Perry E., Detroit, Mich. Automobile gasoline door guard. 161,991, Feb. 20.

Allen, Perry E., Detroit, Mich. Gasoline door guard. 162,108, Feb. 27.

Allen, Perry E., Detroit, Mich. Automobile gasoline door guard. 162,109, Feb. 27.

Allen, Perry E., Detroit, Mich. Automobile gasoline door guard. 163,920, July 17.

Allen, Perry E., Detroit, Mich. Automobile gasoline door guard. 163,921, July 17.

Allen, Perry E., Detroit, Mich. Automobile gasoline door guard. 163,922, July 17.

Allen, Perry E., Detroit, Mich. Automobile gasoline door guard. 163,923, July 17.

Allen, Perry E., Detroit, Mich. Automobile gasoline door guard. 163,924, July 17.
Allen, Perry E., Detroit, Mich. Automobile gasoline door guard. 163,925, July 17.
Allen, Perry E., Detroit, Mich. Automobile gasoline door guard. 163,926, July 17.
Allen, Perry E., Detroit, Mich. Automobile gasoline door guard. 163,927, July 17.
Allen, Robert Y., Pacific Palisades, M. Shaw, Beverly Hills, and E. K. Shaw, Los Angeles, assignors to Metlox Manufacturing Company, Manhattan Beach, Calif. Plate or similar article. 165,209, Nov. 20.
Alliance Manufacturing Company, The, assignee: *See*— Jordan, Richard H.
Alpern, Samuel L., New York, N. Y. Stocking. 164,081, July 31.
Alpern, Samuel L., New York, N. Y. Stocking. 164,082, July 31.
Alpern, Samuel L., New York, N. Y. Stocking. 164,083, July 31.
Alpert, Robert, assignor to Alba Footwear, Inc., Malone, N. Y. Lady's overshoe. 164,397, Sept. 4.
Altamont Knitting Mills, Inc., assignee: *See*— Moskow, Joseph.
Altec Lansing Corporation, assignee: *See*— Albert, Vernon K.
Amato, Benjamin, Galveston, Tex. Fish lure. 161,992, Feb. 20.
Amberge, George: *See*— Toombs, Harry B., and Amberge.
American Automobile Insurance Company, assignee: *See*— Dingeldein, Otto.
American Can Company, assignee: *See*— Preis, Carl G., and Pechy.
American Car and Foundry Company, assignee: *See*— Proctor, Aurion M.
American Chicle Company, assignee: *See*— Fink, Phil J.
American Electronic Mfg. Inc., assignee: *See*— Zonne, Phillip W.
American Fabrics Company, The, assignee: *See*— Wackerman, Charles S.
American Hospital Supply Corporation, assignee: *See*— Berner, Harry M.
Blashfield, Floyd A.
American Hydraulics, Inc., assignee: *See*— Sykes, Robert E.
American Legion, The, assignee: *See*— Morris, Carlos A.
American Machine and Metals, Inc., assignee: *See*— Harland, Philip W.
American Mat Corporation, assignee: *See*— Moor, Dudley W., Jr.
American Name Plate & Manufacturing Company, assignee: *See*— Johns, Carlton H., and McKee.
American Optical Company, assignee: *See*— Armbruster, John T., and Peters.
Baratelli, Charles A.
Brown, Gordon A.
De Angelis, Armand.
Ellis, Charles A.
Peters, Leslie J., and Armbruster.
Splaine, Edward M.
Vaughan, William.
American Phenolic Corporation, assignee: *See*— Klostermann, Curt W.
American Photocopy Equipment Company, assignee: *See*— Reader, Julius.
American Prismatic Glasses Incorporated, assignee: *See*— Warner, Clarence S.
American Safety Razor Corporation, assignee: *See*— Treiss, Herman G.
Treiss, Herman G., Jr.
American Safety Table Co., Inc., assignee: *See*— Voigt, Max T.
American Seating Company, assignee: *See*— Hoven, Alfred C., and Nordmark.
Lindberg, William S.
Willis, Sumner C., and Brulin.
Windhorst, Pearl R.
American Stove Company, assignee: *See*— Vandas, Edward B.
Amigone, Joseph N., Buffalo, N. Y. Combination tool. 163,785, July 3.
Amperized Tool Corp., assignee: *See*— Kane, Henry S.
Ampex Electric Corporation, assignee: *See*— Lindsay, Harold W.
Ampro Corporation, assignee: *See*— Tammen, Glenn W.
Amston Silver Company, Inc., assignee: *See*— Lipman, Isadore A.
Amwell Full Fashioned Hosiery Co., Inc., assignee: *See*— Appel, Charles.
Anderson, Albert L.: *See*— Myers, Leslie W., and Anderson.
Anderson, Albert L., assignor to Precision-Cosmet Company, Inc., Minneapolis, Minn. Spectacle frame. 161,994, Feb. 20.
Anderson, Albert L., and L. W. Myers, assignors to Precision-Cosmet Company, Inc., Minneapolis, Minn. Spectacle frame. 161,993, Feb. 20.
Anderson, Carl A., Cranston, R. I., assignor to Anson Incorporated. Tie holder. 161,406. Jan. 2.
Anderson, Glen W., Oildale, and D. B. Jones, Bakersfield, Calif. Portable filter press kit. 165,257, Nov. 27.
Anderson, Herbert E., Jr., assignor to The Coolerator Company, Duluth, Minn. Grille for air conditioning cabinet. 165,210, Nov. 20.
Anderson, Pete A., Chicago, Ill. Jewelry box. 164,272, Aug. 21.
Anderson, Robert I., and B. Hoeker, Muskegon, Mich., assignors to The Brunswick-Balke-Collender Company, Chicago, Ill. Billiard table or the like. 161,407, Jan. 2.
Anderson, Robert I., and B. Hoeker, Muskegon, Mich., assignors to The Brunswick-Balke-Collender Company, Chicago, Ill. Billiard table or the like. 161,408, Jan. 2.
Anderson, Robert I., and B. Hoeker, Muskegon, Mich., assignors to The Brunswick-Balke-Collender Company, Chicago, Ill. Score table or the like. 161,724, Jan. 30.
Anderson, Robert I., and B. Hoeker, Muskegon, Mich., assignors to The Brunswick-Balke-Collender Company, Chicago, Ill. Casing for a foul indicating unit for bowling alleys or the like. 161,811, Feb. 6.
Anderson, Robert I., and B. Hoeker, Muskegon, Mich., assignors to The Brunswick-Balke-Collender Company, Chicago, Ill. Casing for a foul indicating unit for bowling alleys or the like. 161,812, Feb. 6.
Andresen, Hilmar A. and R. H., Chicago, assignors to Burgess Vibrocrafters, Inc., Lake Zurich, Ill. Jig saw. 162,279, Mar. 6.
Andresen, Odvar, Brooklyn, N. Y. Ash tray or the like. 165,409, Dec. 18.
Andresen, Raymond H.: *See*— Andresen, Hilmar A. and R. H.
Andrews, Elton L., and J. A. Waller, Bradenton, Fla. Smoking stand. 162,705, Apr. 3.
Andriessen, Jack, Los Angeles, Calif. Floating soap dish or similar article. 162,611, Mar. 27.
Andriessen, Jack, Los Angeles, Calif. Advertising display. 163,841, July 10.
Angelus Engineering Corporation, assignee: *See*— Mazzola, Ambrose.
Angelus, Kean C., Washington, D. C. Game board. 163,842, July 10.
Anger, Albert A., Bedford Township, Monroe County, Mich. Lamp shade. 163,508, June 5.
Anheuser, Alfred E., West Allis, Wis. Housing for knife sharpeners. 162,768, Apr. 10.
Anheuser, Alfred E., West Allis, Wis. Housing for knife sharpeners. 165,318, Dec. 4.
Anheuser-Busch, Inc., assignee: *See*— Pruetzel, Carl C.
Ankney, Robert W., Walton Hills Village, Ohio. Pendant magnifying lens. 165,043, Nov. 6.
Annis, Sam, New York, N. Y. Bathing suit. 163,081, May 1.
Annis, Sam, New York, N. Y. Two-piece bathing suit. 163,082, May 1.
Anro Products Company, Inc., assignee: *See*— Flater, Anders H. and R. H.
Anson Incorporated, assignee: *See*— Anderson, Carl A.
Appel, Charles, Jackson Heights, N. Y., assignor to Amwell Full Fashioned Hosiery Co., Inc., Lambertville, N. J. Lady's stocking. 164,465, Sept. 11.
Apple, Ruth Z., assignee: *See*— Sauer, Miriam G.
Appleton, Arthur I., Northbrook, Ill. Automotive mirror bracket. 163,160, May 8.
Arden, James, assignee: *See*— Cohen, Joseph.
Arenberg, Albert L., Highland Park, and E. C. Zimmerman, Winnetka, assignors to Patent License Corporation, Chicgo, Ill. Vehicle interior lighting and ventilating unit. 162,507, Mar. 20.
Arey, Homer, Salisbury, N. C. Infant's dressing table. 163,239, May 15.
Armbrust, Gottlob, Providence, R. I. Ornamental chain. 162,110, Feb. 27.
Armbruster, John T.: *See*— Peters, Leslie J., and Armbruster.
Armbruster, John T., Niagara Falls, and L. J. Peters, Buffalo, N. Y., assignors to American Optical Company, Southbridge, Mass. Metallographic microscope. 163,437, May 29.
Armington, Stewart F., Willoughby, Ohio, and W. J. Adams, Santa Cruz, Calif., assignors to The Euclid Road Machinery Co., Euclid, Ohio. Combination digging and carrying scraper. 163,161, May 8.
Army, United States of America as represented by the Secretary of the, assignee: *See*— Colborn, Harold B.
Jones, Thomas H.
Quinn, Edward F.
Arnell, Eric G., Oakland, Calif. Combination table and cabinet. 162,769, Apr. 10.
Arneson, Edwin L., Morris, Ill. Bottle carrier. 164,466, Sept. 11.
Arnold, Elmer K., assignor to The Ove Gnatt Company, Inc., La Porte, Ind. Christmas ornament. 161,725, Jan. 30.

Arnold, Harold G., Wooster, Ohio. Ash tray. 165,044, Nov. 6.
Arnold, Richard S., Denver, Colo. Adjustable slide wedge blocking tool. 164,467, Sept. 11.
Arnold, William M., Jr., Hernando, Miss. Toy grading machine. 165,258, Nov. 27.
Arnolt Corporation, assignee: *See*—
Meek, Charles E., Jr.
Arnone, Fannie R., Kansas City, Mo. Cooking utensil handle cover. 165,211, Nov. 20.
Arrow Manufacturing Company, Incorporated, assignee: *See*—
Weill, Milton.
Arseneault, James R., assignor to O. L. Buell, Worcester, Mass. Child's bib. 161,608, Jan. 16.
Art Specialty Co., assignee: *See*—
Fiori, Irving.
Mugnai, Fred.
Arthur, William T., Raleigh, N. C. Smokers' stand. 163,735, June 26.
Artistic Foundations, Inc., assignee: *See*—
Torok, Frank.
Artistic Manufacturing Company, assignee: *See*—
Cross, Tom E.
Artmann, Maylock, New York, N. Y., assignor to C. Schmidt & Sons, Inc., Philadelphia, Pa. Advertising display figure. 164,757, Oct. 9.
Aspey, Wayne S.: *See*—
Florschutz, Fritz E., Aspey, and Izzi.
Asteroff, J Leah, New York, N. Y. Dress. 162,508, Mar. 20.
Atino, Edward, Washington, D. C., and P. Engardio, Williamston, Mich. Illuminable compact. 163,438, May 29.
Atkin, David, assignor to The Cannon Rubber Manufacturers Limited, London, England. Hot-water bottle. 164,084, July 31.
Atkin, David, assignor to The Cannon Rubber Manufacturers Limited, London, England. Hot-water bottle. 164,085, July 31.
Atkin, David, assignor to The Cannon Rubber Manufacturers Limited, London, England. Hot-water bottle. 164,086, July 31.
Atkin, David, assignor to The Cannon Rubber Manufacturers Limited, London, England. Hot-water bottle. 164,087, July 31.
Atkin, David, assignor to The Cannon Rubber Manufacturers Limited, London, England. Hot-water bottle. 164,088, July 31.
Atkin, David, assignor to The Cannon Rubber Manufacturers Limited, London, England. Hot-water bottle. 164,975, Oct. 30.
Atlanta Paper Company, assignee: *See*—
Forrer, Homer W.
Atlanta Stove Works, Inc., assignee: *See*—
Price, Samuel J., Jr.
Atlas, Marvin, Eggertsville, assignor to Caldwell Amusement Co., Inc., Buffalo, N. Y. Game board. 162,770, Apr. 10.
Auchter, Joseph, Lincoln Park, assignor to Willson Products, Inc., Reading, Pa. Pair of sunglasses or similar article. 162,922, Apr. 17.
Auer, Betty, Chicago, Ill. Caster support or the like. 163,554, June 12.
Augat, Ernest H., Attleboro, Mass. Watch band display stand. 161,813, Feb. 6.
Augenstein, Karl C., assignor to Speidel Corporation, Providence, R. I. Bracelet link or similar article. 161,726, Jan. 30.
Augenstein, Karl C., Cranston, assignor to Speidel Corporation, Providence, R. I. Expansible chain for a bracelet or similar article. 161,727, Jan. 30.
Augenstein, Karl C., Cranston, assignor to Speidel Corporation, Providence, R. I. Jewelry component or similar article. 165,045, Nov. 6.
Augenstein, Karl C., Cranston, assignor to Speidel Corporation, Providence, R. I. Jewelry component or similar article. 165,212, Nov. 20.
Augenstein, Karl C., Cranston, assignor to Speidel Corporation, Providence, R. I. Expansible chain for a bracelet or similar article. 165,355, Dec. 11.
Augenstein, Karl C., Cranston, assignor to Speidel Corporation, Providence, R. I. Expansible chain for a bracelet or similar article. 165,356, Dec. 11.
Auken, Van, Inc., assignee: *See*—
Jenkins, Howard M., Jr.
Austam Manufacturing Corp., assignee: *See*—
Dubsky, Arthur.
Aurora Equipment Company, assignee: *See*—
Dunham, Thomas M.
Austin, Dale W., Los Angeles, Calif. Foot balancer insert. 162,111, Feb. 27.
Austin, Merritt B., Jr., Deerfield, Ill. Electrical outlet box cover. 162,509, Mar. 20.
Auth, Catherine T., Pittsburgh, Pa. Pail. 164,273, Aug. 21.
Automatic Electric Laboratories, Inc., assignee: *See*—
MacDonald, Duncan N.
Autopoint Company, assignee: *See*—
Beckstrom, Garfield L.
Menning, George.
Nelson, Melven V., and Beckstrom.
Autoyre Company, The, assignee: *See*—
Simpson, Paul F.
Avco Manufacturing Corporation, assignee: *See*—
Clingman, William H.
Little, John M.
Norberg, Oscar E., and Nave.
Reynolds, Carl, Jr.
Aversa, Joseph, Brooklyn, N. Y. Mechanical pencil. 164,976, Oct. 30.
Aydlett, Guy D., assignor to Eastman Kodak Company, Rochester, N. Y. Photographic processing apparatus. 165,213, Nov. 20.
Ayres, Marion H., Pomfret, Vt. Pottery jug for maple syrup. 164,215, Aug. 14.
Ayres, Sarah A., Hermosa Beach, Calif. Tax computer. 164,150, Aug. 7.
B & M Mills, Inc., assignee: *See*—
MacIntyre, John A.
Baar, Stuart P., Jr., New York, N. Y. Spoon or similar article. 164,347, Aug. 28.
Babel, Rudolph M., Pawtucket, R. I., assignor to Telechron, Inc. Clockcase. 163,162, May 8.
Babel, Rudolph M., Pawtucket, R. I., assignor to General Electric Company. Clockcase. 165,357, Dec. 11.
Babel, Rudolph M., Pawtucket, R. I., assignor to General Electric Company. Clock case. 165,410, Dec. 18.
Babitz, Albert, Bayonne, N. J. Picture frame. 162,771, Apr. 10.
Bach, Walter H., Los Angeles, and R. L. George, Torrance, assignors to Berndt-Bach, Incorporated, Los Angeles, Calif. Sound motion-picture camera. 163,241, May 15.
Bachi, Arturo, Turin, Italy. Combined photographic camera and cover therefor. 161,409, Jan. 2.
Bacchieri, Albert J., Dedham, assignor to Tracerlab, Inc., Boston, Mass. Radiation medical therapy unit. 163,240, May 15.
Back, Laurel M., San Lorenzo, Calif. Dent-removing tool. 161,671, Jan. 23.
Baden, Edna, Newton, Mass. Bar of soap or similar article. 164,274, Aug. 21.
Bader, Kenneth W., Los Angeles, Calif. Velocipede. 164,758, Oct. 9.
Badkin, Vincent L., Campgaw, N. J. Musical instrument. 163,347, May 22.
Baerman, Louise: *See*—
Hahn, Emil R., and Baerman.
Bailey, Bob, assignee: *See*—
Burchard, De Lois J.
Bailey, George S., Hat Co., assignee: *See*—
Young, Philip E.
Bailey, Harold G., Berkley, assignor to Dearborn Motors Corporation, Detroit, Mich. Tandem disk harrow. 165,046, Nov. 6.
Bailey Meter Company, assignee: *See*—
Dickey, Paul S., and Gorrie.
Swanson, Bror W.
Wood, Kenneth A.
Wood, Kenneth A., and Panich.
Baker, Albert D., Lansing, assignor to General Motors Corporation, Detroit, Mich. Exhaust tail pipe extension. 162,112, Feb. 27.
Baker, Allister L., Jersey City, assignor to Keuffel & Esser Company, Hoboken, N. J. Surveying instrument. 162,370, Mar. 13.
Baker, Benjamin P., Turtle Creek, and W. M. Leeds, Forest Hills, Pa., assignors to Westinghouse Electric Corporation. Circuit interrupter. 163,985, July 24.
Baker, Benjamin P., Turtle Creek, W. M. Leeds, Forest Hills, and E. L. Izzi, Pittsburgh, Pa., assignors to Westinghouse Electric Corporation. Circuit interrupter. 163,986, July 24.
Baker, Cathryn W.: *See*—
Baker, Harrison S. and C. W.
Baker, Charles H., Providence, R. I. Boot. 165,214, Nov. 20.
Baker, Charles H., Providence, R. I. Boot. 165,215, Nov. 20.
Baker, Frederick C., Portland, Oreg. Ceiling light fixture. 165,259, Nov. 27.
Baker, George A., Walnut Park, Calif., assignor to M. Weil. Dish or similar article. 163,669, June 19.
Baker, George A., Walnut Park, Calif., assignor to M. Weil. Plate or similar article. 164,836, Oct. 16.
Baker, Harrison S. and C. W., Chicago, Ill. Soap holder. 161,814, Feb. 6.
Baker Imperial Co., Inc., assignee: *See*—
Becker, Harry.
Baker, James C., South Gate, assignor to Norris Stamping & Manufacturing Company, Los Angeles, Calif. Cooking utensil handle or the like. 165,260, Nov. 27.
Baker, John C., Columbus, Ohio. Combined serving tray and food containers or similar article. 164,892, Oct. 23.
Baker, Joseph E., Newark, Ohio. Combination wind and rain shield attachment for automotive vehicles. 164,468, Sept. 11.
Bakerman, Charles, Albany, N. Y. Coaster wagon. 163,555, June 12.
Bakewell, Sidney, Detroit, Mich. Meat tenderizing machine. 164,543, Sept. 18.
Baldanza, Nicholas T., Rutherford, assignor to Columbia Protektosite Co., Inc., Carlstadt, N. J. Miniature portable Christmas tree. 161,410, Jan. 2.

Baldanza, Nicholas T., Rutherford, assignor to Columbia Protektosite Co., Inc., Carlstadt, N. J. Foliage unit for a miniature portable Christmas tree. 161,565, Jan. 9.
Baldanza, Nicholas T., Rutherford, assignor to Columbia Protektosite Co., Inc., Carlstadt, N. J. Child's toilet seat. 163,556, June 12.
Baldine, Joseph J., Hubbard, Ohio. Armored tank. 164,216, Aug. 14.
Baldwin Company, The, assignee: *See*—
Millington, William, and Day.
Baldwin, Gilbert W., Lansing, Mich. Newspaper rack. 165,358, Dec. 11.
Ball, Arthur G., Los Angeles, Calif. Money bank. 162,612, Mar. 27.
Ball, Braden, Pensacola, Fla. Shirt. 163,348, May 22.
Ball, Douglas A., and H. E. Osborn, Fort Worth, Tex. Child's bathroom training unit. 162,613, Mar. 27.
Balyer, Hermina, Cleveland, Ohio. Sweater. 163,439, May 29.
Balyer, Hermina, Cleveland, Ohio. Sweater. 163,557, June 12.
Balyer, Hermina, Cleveland, Ohio. Sweater. 164,348, Aug. 28.
Bangert, Charles, Jr., New Britain, assignor to The Trumbull Electric Manufacturing Company, Plainville, Conn. Electric circuit breaker unit. 163,736, June 26.
Bank, Sylvia H., Los Angeles, Calif. Altar. 161,728, Jan. 30.
Bankers Box Company, assignee: *See*—
Flannery, Marian A.
Bannister, Harry T., Huntington Woods, assignor to Chrysler Corporation, Highland Park, Mich. Combined automobile lock and lamp housing. 161,411, Jan. 2.
Bannister, Harry T., Huntington Woods, assignor to Chrysler Corporation, Highland Park, Mich. Automobile grille. 162,113, Feb. 27.
Bantam-Lite, Inc., assignee: *See*—
Schwartz, Sidney.
Barash, Joseph, Peekskill, N. Y. Artificial leather billfold back or similar article. 162,114, Feb. 27.
Barash, Joseph, Peekskill, N. Y. Artificial leather sheet or similar article. 162,280, Mar. 6.
Baratelli, Charles A., Woodstock, Conn., assignor to American Optical Company, Southbridge, Mass. Spectacle frame or the like. 161,672, Jan. 23.
Baratelli, Charles A., Woodstock, Conn., assignor to American Optical Company, Southbridge, Mass. Spectacle frame or the like. 161,673, Jan. 23.
Baratelli, Charles A., Woodstock, Conn., assignor to American Optical Company, Southbridge, Mass. Hand magnifying glass or similar article. 163,349, May 22.
Baratelli, Charles A., Woodstock, Conn., assignor to American Optical Company, Southbridge, Mass. Spectacle frame or the like. 163,737, June 26.
Baratelli, Charles A., Woodstock, Conn., assignor to American Optical Company, Southbridge, Mass. Case for spectacles or the like. 164,349, Aug. 28.
Baratelli, Charles A., Woodstock, Conn., assignor to American Optical Company, Southbridge, Mass. Pair of spectacles or the like. 164,544, Sept. 18.
Barber, Howard J., Detroit, assignor to Milan Aluminum Casting Company, Milan, Mich. Fence post cap. 164,275, Aug. 21.
Barbery, Lucille M., assignor to Foley Manufacturing Company, Minneapolis, Minn. Juicer. 161,609, Jan. 16.
Barbieri, Nicholas, Providence, R. I., assignor to Uncas Manufacturing Company. Ring box. 162,923, Apr. 17.
Barcott, Albert H., Upshire, Waltham Abbey, England. Device for insertion in a child's bucket to produce an ornamental sand heap. 164,089, July 31.
Barcott, Albert H., Upshire, Waltham Abbey, England. Device for insertion in a child's bucket to produce an ornamental sand heap. 164,090, July 31.
Bargen, William J., Waukegan, Ill. Book box. 161,892, Feb. 13.
Bargen, William J., Waukegan, Ill. Desk top. 161,995, Feb. 20.
Bargen, William J., Waukegan, Ill. Table. 163,242, May 15.
Bargen, William J., Waukegan, Ill. Combined seat and back for a chair or the like. 164,619, Sept. 25.
Barker, Seth S., Ottumwa, Iowa. Chicken-picking finger. 163,558, June 12.
Barletta, John R., Corona, N. Y. Combined humidor and pipe rack. 163,350, May 22.
Barlow, George W., Aberdeen, Wash. Combination hat and clothes rack. 165,502, Dec. 25.
Barnes, Taylor, Shreveport, La. Electric toaster. 164,151, Aug. 7.
Barnes, Taylor, Shreveport, La. Electric toaster. 164,152, Aug. 7.
Barnett, Charles A., Lansdale, Pa., assignor to Kellett Aircraft Corporation. Helicopter. 163,928, July 17.
Barnett, Lawrence T., assignee: *See*—
Greene, Kenneth E.
Barnett, Sherman R., assignee: *See*—
Greene, Kenneth E.
Barnhart, A. Baker, New York, assignor to M. R. Meyer, Flushing, N. Y. Barbecue grill. 163,163, May 8.
Barnhart, Adam B., New York, N. Y., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Sewing-machine cabinet. 164,837, Oct. 16.
Barofsky, Jack, Los Angeles, Calif. Combined television, radio, and phonograph cabinet or similar article. 162,772, Apr. 10.
Barofsky, Jack, Los Angeles, Calif. Television cabinet or similar article. 164,663, Oct. 2.
Barofsky, Jack, Los Angeles, Calif. Television cabinet or similar article. 164,664, Oct. 2.
Barofsky, Jack, Los Angeles, Calif. Television cabinet or similar article. 164,665, Oct. 2.
Barofsky, Jack, Los Angeles, Calif. Television cabinet or similar article. 164,666, Oct. 2.
Barofsky, Jack, Los Angeles, Calif. Television cabinet or similar article. 164,893, Oct. 23.
Barofsky, Jack, Los Angeles, Calif. Combined table ornament and statuary box. 165,047, Nov. 6.
Barofsky, Jack, Los Angeles, Calif. Combined television, radio, and phonograph cabinet or similar article. 165,319, Dec. 4.
Barofsky, Jack, Los Angeles, Calif. Casing for a piano or similar article. 165,411, Dec. 18.
Baron, Jack, New York, N. Y. Condiment dispensing container. 162,706, Apr. 3.
Barr, Budd, Detroit, Mich. Gasoline door guard. 162,115, Feb. 27.
Barr, Budd, Detroit, Mich. Gasoline door guard. 163,509, June 5.
Barr, Budd, Detroit, Mich. Gasoline door guard. 163,843, July 10.
Barr, Charles, Tonawanda, and T. J. Harriman, Buffalo, assignors to Bell Aircraft Corporation, Wheatfield, N. Y. Helicopter. 162,773, Apr. 10.
Barr, Kenn H., New York, N. Y. Jacket. 162,614, Mar. 27.
Barrager, Philip L., assignor to Josten Manufacturing Company, Owatonna, Minn. Medal. 162,510, Mar. 20.
Barré, Robert A., New York, N. Y. Combined watchcase and wristband connections therefor. 163,987, July 24.
Barricks, Joseph B., Des Moines, Iowa. Toy propeller-ejecting gun. 164,398, Sept. 4.
Barrow, Ralph, Tyler, Tex. Hairdresser's basin. 164,350, Aug. 28.
Barry, Lewis, Upper Darby, Pa. Advertising display stand. 165,261, Nov. 27.
Barsotti, Nino, Pittsburgh, Pa. Toy jet propelled boat. 165,503, Dec. 25.
Barth, Robert M., Pelham Manor, assignor to The FR Corporation, New York, N. Y. Portable film viewer or similar article. 164,153, Aug. 7.
Bartholomew, Harry L., assignor to Indian Trailer Corporation, Chicago, Ill. Mobile diner. 163,351, May 22.
Bartolucci, Edgar O., Union City, N. J., assignor of one-half to J. J. Waldheim, Chicago, Ill. Electric massager for the human body. 164,759, Oct. 9.
Barton, Frederick H., Bounty, Saskatchewan, Canada. Tractor cab or the like. 162,116, Feb. 27.
Bascom, Willard, Del Monte Forest, Calif. Chair. 161,729, Jan. 30.
Bassett, Francis P., Lockport, assignor to Bell Aircraft Corporation, Wheatfield, N. Y. Helicopter. 164,351, Aug. 28.
Bastio, Samuel A., Canonsburg, Pa. Bracelet. 163,352, May 22.
Batchelder, Charles F., Jr., Milton, assignor to Wright-Batchelder Corporation, Boston, Mass. Prestitched beaded shoe welting. 163,559, June 12.
Batchelder, Charles F., Jr., Milton, assignor to Wright-Batchelder Corporation, Boston, Mass. Prestitched shoe welting. 163,560, June 12.
Batchelder, Charles F., Jr., Milton, and L. Withington, Jr., Brookline, assignors to Wright-Batchelder Corporation, Boston, Mass. Shoe welting. 161,674, Jan. 23.
Bates, C. J., & Son, assignee: *See*—
Joslyn, Stuart S.
Battle, Wingate, Atlantic Beach, Fla., assignor of twenty per cent to J. E. Veith, Arlington, Va., and twenty per cent to N. R. Bronie, St. Petersburg, Fla. Nursing bottle support. 162,117, Feb. 27.
Bauder, Henry W., El Paso, Tex. Combined fountain brush and razor unit. 161,675, Jan. 23.
Bauer, Alan E.: *See*—
Bauer, Sidney and A. E.
Bauer, George A., Milwaukee, Wis. Starch pan or the like. 162,371, Mar. 13.
Bauer, Sidney and A. E., New York, N. Y. Display cabinet or the like. 162,511, Mar. 20.
Baum, W. A., Co. Inc., assignee: *See*—
Baum, William A.
Baum, William A., Forest Hills, assignor to W. A. Baum Co. Inc., New York, N. Y. Measuring instrument. 163,929, July 17.
Baumer, Norbert J., East Orange, assignor to A. Gross Candle Company, Inc., Linden, N. J. Candle holder. 164,217, Aug. 14.
Baumer, Norbert J., East Orange, assignor to A. Gross Candle Company, Inc., Linden, N. J. Candle holder. 164,399, Sept. 4.
Bausch & Lomb Optical Company, assignee: *See*—
Gerhardt, Robert V.
Kieffer, Joseph D., III, and Strom.
Kurtz, John C.
Perkins, Willard T.
Stegeman, Raymond F. E.

Bausenbach, A. E., Incorporated, assignee: *See*—
Bausenbach, Arthur E.
Bausenbach, Arthur E., assignor to A. E. Bausenbach Incorporated, Buffalo, N. Y. Shock mounted container. 162,118, Feb. 27.
Bayor, Helen, New York, N. Y. Dress ensemble. 161,893, Feb. 13.
Bazner, Eugene, Providence, assignor to Flex-Let Corporation, East Providence, R. I. Expansible link chain for a bracelet or similar article. 163,670, June 19.
Bazur, Steve, and G. W. Kaiser, Reno, Nev. Souvenir plaque. 163,844, July 10.
Beach, Sidney E., Detroit, Mich. Power-driven wheel chair. 164,545, Sept. 18.
Beacon Plastic & Metal Products, Inc., assignee: *See*—
Spier, Irene W.
Beacon Products Corporation, assignee: *See*—
Sholkin, Joseph L.
Beasley, Susan A., Hamilton, Ontario, Canada. Christmas tree fairy doll ornament. 163,510, June 5.
Beauchemin, Arsene, Montreal, Quebec, Canada. Sock. 162,774, Apr. 10.
Beauchemin, Arsene, Montreal, Quebec, Canada. Sock. 162,775, Apr. 10.
Beavers, Patrick D., assignee: *See*—
Thompson, Doris M.
Becherer, Walter F. W., Milwaukee, Wis. Shrimp deveiner. 162,924, Apr. 17.
Becker, George A., Jr., Philadelphia, Pa. Sofa or similar article. 161,894, Feb. 13.
Becker, Harry, assignor to Baker Imperial Co., Inc., New York, N. Y. Plate. 164,154, Aug. 7.
Becker, Nathaniel, New York, N. Y., assignor to Wirt & Knox Mfg. Co., Philadelphia, Pa. Hose reel or the like. 164,546, Sept. 18.
Becker, Wilfred C., Allen Park, assignor to Built-Rite Manufacturers, Detroit, Mich. Magazine rack. 164,547, Sept. 18.
Beckett, Donald E. and W. N., assignors to Beckett-Harcum Company, Wilmington, Ohio. Automatic drill press feed or the like. 162,615, Mar. 27.
Beckett, Donald E. and W. N., Wilmington, Ohio, and R. E. Wasmuth and H. K. Ware, Huntington, Ind.; said D. E. and W. N. Beckett assignors to said R. E. Wasmuth and said H. K. Ware. Combination nailer and stapler. 163,243, May 15.
Beckett-Harcum Company, assignee: *See*—
Beckett, Donald E. and W. N.
Beckett, Reginald W., Elyria, Ohio. Fluid fuel burner or similar article. 163,671, June 19.
Beckett, William N.: *See*—
Beckett, Donald E. and W. N.
Beckett, Donald E. and W. N., Wasmuth, and Ware.
Beckman Instruments, Inc., assignee: *See*—
Petterson, Thorleif H.
Beckstrom, Garfield L.: *See*—
Nelson, Melven V., and Beckstrom.
Beckstrom, Garfield L., assignor to Autopoint Company, Chicago, Ill. Removable cap for mechanical pencil or similar article. 163,845, July 10.
Beeman, Wilber F., Chicago, Ill. Holder for playing cards, or similar article. 161,815, Feb. 6.
Beer-Stern Company, Inc., assignee: *See*—
Stern, Herman.
Beggs, Henry L., Oklahoma City, Okla. Sling shot grip. 163,738, June 26.
Behn, A. G., Shoe Company: *See*—
Paly, Sol.
Behrendt, Medard A., Elmwood Park, assignor to Wilson Athletic Goods Mfg. Co., Inc., Chicago, Ill. Golf club head. 164,469, Sept. 11.
Bekkala, Segurd B., Northville, Mich. Fish lure. 162,776, Apr. 10.
Belaief, Irving, assignor to Dainty Maid Hosiery Co., Inc., New York, N. Y. Lady's stocking or similar article. 161,412, Jan. 2.
Belanger, Aldor O., Mattawa, Ontario, Canada. Dresser. 163,353, May 22.
Belden, Eileen H., Lynbrook, N. Y. Combined miniature stage and record player. 163,739, June 26.
Bel Geddes, Norman, assignor to National Silver Company, New York, N. Y. Spoon or similar article of flatware. 164,470, Sept. 11.
Bell Aircraft Corporation, assignee: *See*—
Barr, Charles, and Harriman.
Bassett, Francis P.
Strickler, John F., Jr., and Wright.
Bell, Julian B., Los Angeles, Calif. Slingshot. 165,504, Dec. 25.
Bell Telephone Laboratories, Incorporated, assignee: *See*—
Gilmore, Alfred C., and Harazim.
Belline, Dominick U., Great Neck, and F. S. Strafaci, Flushing, N. Y. Golf club. 163,083, May 1.
Bello, Mary, Brooklyn, N. Y. Gate unit. 164,620, Sept. 25.
Bemis, Kenneth E., Oakland, Calif. Store front. 164,894, Oct. 23.
Bemis, Kenneth E., Washington, D. C. Sandwich server. 162,616, Mar. 27.
Bemis, Kenneth E., Washington, D. C. Advertising sign. 163,561, June 12.
Bendersky, David: *See*—
Wallance, Donald A., and Bendersky.
Benedict, Michael D., Jr.: *See*—
Shnitzler, Meyer J., and Benedict.
Benivegna, Albert P., Brooklyn, N. Y. Windproof umbrella. 162,617, Mar. 27.
Benson, Haskell, Chicago, Ill. Flying toy. 162,707, Apr. 3.
Bently, George K., assignor to McCray Refrigerator Company, Kendallville, Ind. Open-top refrigerated self-serve case. 161,895, Feb. 13.
Bently, George K., assignor to McCray Refrigerator Company, Kendallville, Ind. Open-top refrigerated self-serve case. 162,708, Apr. 3.
Beresin, Morris, Philadelphia, Pa. Artificial denture. 164,471, Sept. 11.
Berger, Eugene J., New York, and E. Klein, Brooklyn, N. Y. Combined knife, saw, and fork. 162,777, Apr. 10.
Berger, Samuel I., Newark, N. J. Mechanical toy. 161,896, Feb. 13.
Bergner, John C., Lansdowne, Pa. Lady's stocking. 164,838, Oct. 16.
Bergner, John C., Lansdowne, Pa. Lady's stocking. 164,839, Oct. 16.
Berk, William, assignor to Supersite Corporation, New York, N. Y. Adjustable rearview mirror. 161,676, Jan. 23.
Berkeley Industries, assignee: *See*—
Leebow, Albert.
Berkline Corporation, The, assignee: *See*—
Popkin, Julius.
Berkowitz, David E., Elkins Park, Pa. Device for displaying axes or other articles of merchandise. 162,925, Apr. 17.
Berkowitz, David E., Elkins Park, Pa. Device for displaying axes or other articles of merchandise. 162,926, Apr. 17.
Berman, Morton R., Brooklyn, N. Y. Toy picture framing book. 162,372, Mar. 13.
Bernard Edward Co., assignee: *See*—
Yellin, Morris.
Berndt-Bach, Incorporated, assignee: *See*—
Bach, Walter H., and George.
Berner, Harry M., Chicago, assignor to American Hospital Supply Corporation, Evanston, Ill. Bedside table. 162,119, Feb. 27.
Bernstein, Alex D. and H. W., New York, N. Y. Holder for racing programs or the like. 165,412, Dec. 18.
Bernstein, Henry W.: *See*—
Bernstein, Alex D. and H. W.
Bernstein, Milton, assignor to National Silver Company, New York, N. Y. Spoon or similar article of flatware. 162,373, Mar. 13.
Bernzott, Hugo, Niles, and C. Talbot, Chicago, Ill., assignors to Da-Lite Screen Company, Inc. Cap and latch for screen holders. 162,281, Mar. 6.
Berry, Virgil S., Moss Point, Miss. Danger signal. 164,276, Aug. 21.
Berry, Virgil S., Moss Point, Miss. Danger signal. 164,277, Aug. 21.
Berryhill, Allen M., assignor to Do-Nut Dinette, Incorporated, Charlotte, N. C. Diner or similar article. 161,413, Jan. 2.
Bertholin, Paul, New York, N. Y. Vibrating apparatus for treating human bodies. 164,091, July 31.
Bess, Cornelius G., San Francisco, Calif. Combined brooch and locket. 163,244, May 15.
Best, John H., & Sons, Inc., assignee: *See*—
Best, Leon H.
Best, Leon H., assignor to John H. Best & Sons, Inc., Galva, Ill. Dolly. 164,092, July 31.
Beverly Vogue Company, assignee: *See*—
Rosenfeld, George P., and Chase.
Beyerstedt, Ralph L., assignor to The Frank G. Hough Co., Libertyville, Ill. Earth moving vehicle. 164,895, Oct. 23.
Beyerstedt, Ralph L., assignor to The Frank G. Hough Co., Libertyville, Ill. Earth moving vehicle. 164,896, Oct. 23.
Beyerstedt, Ralph L., assignor to The Frank G. Hough Co., Libertyville, Ill. Earth moving vehicle. 165,320, Dec. 4.
Biehl, Charles B., assignor to D. D. and C. D. Goff, and A. N. Rubin, a partnership doing business as Duchess Hosiery Mills, West Grove, Pa. Stocking. 161,996, Feb. 20.
Bienen, Mitchell R., New York, N. Y. Combined handbag and cover therefor. 164,621, Sept. 25.
Biener, Herman, Brooklyn, N. Y. Soap dish or the like. 163,084, May 1.
Billingsley, William F., Silver Lake, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Tire. 162,618, Mar. 27.
Billingsley, William F., Silver Lake, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Tire. 163,354, May 22.
Billups, Guy C.: *See*—
Billups, Rowell A., G. C., and W. L.
Billups Petroleum Co., assignee: *See*—
Billups, Rowell A., G. C., and W. L.
Billups, Rowell A. and G. C., Greenwood, Miss., and W. L. Billups, New Orleans, La., assignors to Billups Petroleum Co., Greenwood, Miss. Building. 164,278, Aug. 21.

Billups, William L.: *See*—
Billups, Rowell A., G. C., and W. L.
Binger, Fred W., assignee: *See*—
Blancheri, Louis C.
Bingham, George H., Jr., Taneytown, Md. Boot. 164,155, Aug. 7.
Bingham, George H., Jr., Taneytown, Md. Boot. 164,667, Oct. 2.
Bingham, George H., Jr., Taneytown, Md. Boot. 164,977, Oct. 30.
Bingham-Herbrand Corporation, The, assignee: *See*—
Heschel, Eugene A.
Bintz, Edwin C., assignor to Abrams Instrument Corporation, Lansing, Mich. Table for double projection stereoscopic plotters for making topographic maps from aerial photographs. 163,355, May 22.
Bird & Son, inc., assignee: *See*—
Gach, Erich.
Birse, George S., Chicago, assignor to L. A. Westerberg, Skokie, Ill. Display case for three electric shavers. 161,997, Feb. 20.
Birtman Electric Company, assignee: *See*—
Karstadt, Clarence.
Bishop, Glenn A., Wilmette, R. B. Bishop, Arlington Heights, and C. E. Jones, Chicago, Ill. Display stand. 161,897, Feb. 13.
Bishop, Katherine V., San Gabriel, Calif. Set of sectional educational toy blocks. 163,085, May 1.
Bishop, Robert B.: *See*—
Bishop, Glenn A. and R. B., and Jones.
Bissell, Harry G., assignor to Jordan Regulator Corporation, Lebanon, Ohio. Pressure reducing valve. 163,672, June 19.
Bitney, Dewey H., assignor to Union Steel Products Company, Albion, Mich. Portable cooking stove. 164,978, Oct. 30.
Bjork, Merle A., Des Moines, Iowa. Knife handle. 163,440, May 29.
Bjork, Merle A., Des Moines, Iowa. Knife blade. 163,562, June 12.
Blacher, George J., Pasadena, Calif. Artist's palette or the like. 165,128, Nov. 13.
Black, John M., assignor to Commonwealth Plastics, Inc., Chicago, Ill. Finial for lamps or similar articles. 163,786, July 3.
Blackwell, William D., Coconut Grove, Fla., assignor to Bronzini, Ltd., New York, N. Y. Bow necktie. 164,979, Oct. 30.
Blakeslee, Edward L., Oak Park, assignor to G. S. Blakeslee & Co., Chicago, Ill. Dish holding rack. 165,216, Nov. 20.
Blakeslee, G. S., & Co., assignee: *See*—
Blakeslee, Edward L.
Blakeslee, Rufus D., Chicago, Ill. Live bait carrier. 161,816, Feb. 6.
Blancheri, Louis C., Alhambra, assignor of one-half to F. W. Binger, Los Angeles, Calif. Pie plate. 163,017, Apr. 24.
Blashfield, Floyd A., Naperville, assignor to American Hospital Supply Corporation, Evanston, Ill. Portable commode and lavatory. 162,619, Mar. 27.
Blasi, Frank A., Newark, N. J. Spectacle frame. 163,740, June 26.
Blau, Gerda, New York, N. Y. Combined lighter and tie clip. 163,563, June 12.
Bleiberg, Benjamin, assignee: *See*—
Toler, Linster D.
Bley & Spurgeon, assignee: *See*—
Bley, William G.
Bley, William G., assignor of one-half to said W. G. Bley and R. C. Spurgeon, co-partners trading under the name of Bley & Spurgeon, and one-half to Sanson Hosiery Mills, Inc., Philadelphia, Pa. Lady's stocking. 165,129, Nov. 13.
Blish, Matthew B., Oak Park, Ill. Advertising magnetic pencil holder. 164,548, Sept. 18.
Bliss, Albert, Providence, R. I. Belt buckle. 164,093, July 31.
Bliss, Albert, Providence, R. I. Belt buckle. 165,262, Nov. 27.
Bliss, Charles O., Hollywood, Calif. Pitcher or similar article. 161,414, Jan. 2.
Bliss, Charles O., Hollywood, Calif. Seasoning shaker. 161,998, Feb. 20.
Bliss, Charles O., Los Angeles, Calif. Drinking tumbler. 163,673, June 19.
Block, Jesse, New York, N. Y. Coat. 163,356, May 22.
Blockert, Ernest B., and A. Marino, New York, N. Y. Foutain pen. 163,787, July 3.
Blod, Francis E., Tuckahoe, N. Y., and A. M. Blumenfeld, Hackensack, N. J., assignors to The Gruen Watch Company, Cincinnati, Ohio. Front opening watch box. 161,898, Feb. 13.
Blodgett, G. S., Co., Inc., The, assignee: *See*—
Neuls, Frederick C.
Bloom, Adele, River Falls, Wis. Combination desk and bookcase. 162,927, Apr. 17.
Bloom, Charles, Inc., assignee: *See*—
Kent, Rockwell.
Bloomfield, Charles C., Sr., Baton Rouge, La. Telephone stand. 162,778, Apr. 10.
Blum, Robert D., Jr.: *See*—
Schwartz, Shepard B., and Blum.
Blumenfeld, Alfred M.: *See*—
Blod, Francis E., and Blumenfeld.
Blumenfeld, Louis L., Newark, N. J. Belt or similar article. 164,840, Oct. 16.
Bochner, Abe A., Brooklyn, N. Y., and H. Zylberberg, Norristown, Pa. Stocking. 162,620, Mar. 27.
Bochner, Abe A., Brooklyn, N. Y., and H. Zylberberg, Norristown, Pa. Stocking. 162,621, Mar. 27.
Bochner, Simon, Yonkers, assignor to Covington Fabrics Corporation, New York, N. Y. Fabric or the like. 165,505, Dec. 25.
Boeing Airplane Company, assignee: *See*—
Houpt, Donald T.
Boenig, Charles H., assignee: *See*—
McGlinchey, Arthur E.
Boetschi, Reneé, Beverly Hills, assignor of one-half to I. F. Tillinghast, Hollywood Calif. Scarf. 163,741, June 26.
Bogaerts, Fernand L. D., Jette, Belgium. Casing for an electric safety lamp. 163,742, June 26.
Bogdan, Anthony E., New Bedford, Pa. Table ornament. 162,512, Mar. 20.
Boggs, James R., Atlanta, Ga. Folding wall table. 164,980, Oct. 30.
Boggs, James R., Atlanta, Ga. Folding wall table. 164,981, Oct. 30.
Bogoff, Herman, Chicago, Ill. Jewel. 161,730, Jan. 30.
Bohnenberger, Rudolph, New York, N. Y. Watch bracelet. 164,472, Sept. 11.
Boicey, James H.: *See*—
Gaiser, Romey A., and Boicey.
Boldt, Melvin H.: *See*—
Morgan, John R., and Boldt.
Bollman, Roland R., and J. J. Getgey, assignors to Empire Products, Inc., Cincinnati, Ohio. Phonograph. 161,817, Feb. 6.
Bollmeier, Carl F., Milwaukee, Wis. Wall shelf. 164,094, July 31.
Bolser, Clark M., assignor to The Bolser Corporation, Cedar Falls, Iowa. Combined signal lamp and guard. 165,130, Nov. 13.
Bolser Corporation, The, assignee: *See*—
Bolser, Clark M.
Bolten, John, Sr., Andover, Mass. Film material or like flat surface material. 163,018, Apr. 24.
Bolten, John, Sr., Andover, Mass. Film material or like flat surface material. 163,245, May 15.
Bolton, John W., Vancouver, Wash. Fish lure. 164,841, Oct. 16.
Bona Fide Mills, Inc., assignee: *See*—
Post, Arthur, and Lynen.
Bonvicini, Ernest, Denver, Colo. Accordion. 165,321, Dec. 4.
Boon, Jan, Ardsley-on-Hudson, N. Y. Confection. 163,743, June 26.
Boone, Daniel R., Portland, Oreg. Tricycle. 162,622, Mar. 27.
Borba, William A., South San Francisco, Calif. Award trophy. 162,374, Mar. 13.
Borba, William A., South San Francisco, Calif. Award trophy. 163,246, May 15.
Borba, William A., South San Francisco, Calif. Award trophy. 163,247, May 15.
Borba, William A., South San Francisco, Calif. Award trophy. 163,248, May 15.
Borba, William A., South San Francisco, Calif. Award trophy. 163,357, May 22
Boren, Charles O., Sr., Dearborn, Mich. Dual rocker. 161,731, Jan. 30.
Boucher, Marcel, Eltingville, N. Y. Brooch or similar article. 161,415, Jan. 2.
Boucher, Marcel, Eltingville, N. Y. Bracelet or similar article. 161,566, Jan. 9.
Boucher, Marcel, Eltingville, N. Y. Necklace or similar article. 161,567, Jan. 9.
Boulter, Roy R., Laguna Beach, Calif. Toothbrush receptacle. 162,282, Mar. 6.
Bourne, Douglas, Du Bois, Pa., assignor to Onondaga Pottery Company, Syracuse, N. Y. Dinner plate or similar article. 161,818, Feb. 6.
Bourne, Douglas, Skaneateles, assignor to Onondaga Pottery Company, Syracuse, N. Y. Dinner plate or similar article. 164,279, Aug. 21.
Bovay, Norman E., Naugatuck, Conn., assignor to United States Rubber Company, New York, N. Y. Molded rubber shoe sole. 163,674, June 19.
Bovay, Norman E., Naugatuck, Conn., assignor to United States Rubber Company, New York, N. Y. Molded shoe sole. 164,095, July 31.
Bovay, Norman E., Naugatuck, Conn., assignor to United States Rubber Company, New York, N. Y. Molded shoe sole. 164,096, July 31.
Bowen, Billi: *See*—
Metzler, Charles L., and Bowen.
Bowen, Billi, New York, and J. Wark, Bronx, N. Y., assignors to Gillette Safety Razor Company, Boston, Mass. Blade magazine. 162,283, Mar. 6.
Bowen, Kenneth H.: *See*—
Patterson, Oliver W., and Bowen.

Bower, Maxwell F.: *See*—
Roth, Irving, and Bower.
Bowers, Fredrick H., Kalamazoo, Mich. Pyrophoric lighter. 161,416, Jan. 2.
Bowers, Frederick H., Kalamazoo, Mich. Table pyrophoric lighter. 164,352, Aug. 28.
Bowlen, Nord, assignor to Rogers, Lunt & Bowlen Company, Greenfield, Mass. Spoon or similar article. 163,249, May 15.
Bowman, Harold A.: *See*—
Collins, John, and Bowman.
Boyd, John B., Santa Monica, Calif. Planter. 163,846, July 10.
Boyden, Robert E., and H. H. Freeman, assignors to Clary Multiplier Corporation, Los Angeles, Calif. Cash register. 162,779, Apr. 10.
Boyden, Robert E., and N. T. Freeman, Los Angeles, assignors to Clary Multiplier Corporation, San Gabriel, Calif. Office machine. 162,780, Apr. 10.
Boyer, Clara M., Chicago, Ill. Mixing spoon. 163,358, May 22.
Boyle, Ruth M., Glendale, Calif. Game board. 162,709, Apr. 3.
Brach, E. J., & Sons, assignee: *See*—
Brach, Frank V.
Brach, Frank V., Glenview, assignor to E. J. Brach & Sons, Chicago, Ill. Merchandise display holder. 162,120, Feb. 27.
Bradbury, Clarence M., Brooklyn, N. Y. Key pendant. 161,819, Feb. 6.
Brady, Francis A., Canandaigua, assignor to Hickok Manufacturing Co. Inc., Rochester, N. Y. Alphabet for forming monograms or the like. 161,999, Feb. 20.
Bragado, Henry, San Francisco, Calif. Brooch. 164,280, Aug. 21.
Braley, James H., Sacramento, Calif. Combined pneumatic tire casing trimmer and balancing machine or similar article. 165,217, Nov. 20.
Brandmeier, Philip A.: *See*—
Grover, Frederic S., Brandmeier, and Brice.
Brandon, George, New York, N. Y. Embossed embroidered fabric. 162,375, Mar. 13.
Brandon, Robert D.: *See*—
Miller, Clyde L., and Brandon.
Branick, Charles E., Fargo, N. Dak. Knife sharpener. 162,121, Feb. 27.
Brasier, Oscar H., Tacoma, Wash. Coin bank. 164,400, Sept. 4.
Braun-Crystal Mfg. Co., Inc., assignee: *See*—
Braun, Samuel, and Crystal.
Braun, Samuel, Rockville Centre, and M. Crystal, Forest Hills, assignors to Braun-Crystal Mfg. Co., Inc., Middle Village, N. Y. Hinged cover molded plastic display receptacle. 162,284, Mar. 6.
Braun, Samuel, Rockville Centre, and M. Crystal, Forest Hills, assignors to Braun-Crystal Mfg. Co., Inc., Middle Village, N. Y. Display receptacle. 165,359, Dec. 11.
Braun, Walter, assignor to Cobblers Incorporated, Los Angeles, Calif. Shoe or similar article. 163,019, Apr. 24.
Braun, Walter, assignor to Cobblers Incorporated, Los Angeles, Calif. Shoe or similar article. 163,020, Apr. 24.
Braun, Walter, assignor to Cobblers Incorporated, Los Angeles, Calif. Shoe or similar article. 163,021, Apr. 24.
Braun, Walter, assignor to Cobblers Incorporated, Los Angeles, Calif. Shoe or similar article. 163,359, May 22.
Braun, Walter, assignor to Cobblers Incorporated, Los Angeles, Calif. Shoe or similar article. 163,360, May 22.
Brazeau, Bernard C., assignor to Cranberry Growers, Inc., Wisconsin Rapids, Wis. 162,710, Apr. 3.
Breath, Elias, New York, N. Y. Glove. 162,000, Feb. 20.
Breath, Elias, New York, N. Y. Glove. 162,001, Feb. 20.
Breath, Elias, New York, N. Y. Glove. 163,250, May 15.
Breath, Elias, New York, N. Y. Glove. 163,361, May 22.
Breath, Elias, New York, N. Y. Glove. 163,675, June 19.
Breath, Elias, New York, N. Y. Glove. 163,988, July 24.
Breath, Elias, New York, N. Y. Glove. 165,048, Nov. 6.
Breath, Elias, New York, N. Y. Glove. 165,131, Nov. 13.
Breedlove, Bernard H., Atlanta, Ga. Radiotelegraph key. 163,251, May 15.
Brehm, Howard E.: *See*—
Perry, Chester C., and Brehm.
Breitman, Harvey, White Plains, N. Y., assignor to United Mills Corporation. Bra-top slip. 162,781, Apr. 10.
Brenner, Bernice A., Hollywood, Fla. One-piece sun suit. 165,506, Dec. 25.
Brenner, Edward and H., Arlington, Va. Iced cake. 161,610, Jan. 16.
Brenner, Edward and H., Arlington, Va. Iced cake. 161,611, Jan. 16.
Brenner, Hymie: *See*—
Brenner, Edward and H.
Brettner, Jules, Bronx, N. Y. Combination cigarette and match pouch. 165,360, Dec. 11.
Brewster, Franklin C., Franklin Park, assignor to Motorola, Inc., Chicago, Ill. Wind static discharger for an antenna. 164,353, Aug. 28.
Brewster, Herbert M., Glenview, Ill. Ash tray. 163,788, July 3.
Brice, James E.: *See*—
Grover, Frederic S., Brandmeier, and Brice.
Brice, Jesse F., East Aurora, assignor to Brice Toy and Novelty Company, Inc., Colden, N. Y. Pull toy. 161,417, Jan. 2.
Brice, Jesse F., East Aurora, assignor to Brice Toy and Novelty Company, Inc., Colden, N. Y. Wheel toy. 162,513, Mar. 20.
Brice, Jesse F., assignor to Brice Toy & Novelty, Inc., East Aurora, N. Y. Caterpillar pull toy. 164,549, Sept. 18.
Brice Toy and Novelty Company, Inc., assignee: *See*—
Brice, Jesse F.
Brice Toy & Novelty, Inc., assignee: *See*—
Brice, Jesse F.
Bright Star Battery Company, assignee: *See*—
Sparr, Frank.
Brin, Harris, assignor to Loma Plastics, Inc., Fort Worth, Tex. Baby food server unit. 161,732, Jan. 30.
Bristol Manufacturing Corporation, assignee: *See*—
Hard, John E.
Britton, Dempsey C., Cold Springs, Ky. Warning signal. 162,928, Apr. 17.
Broad, Charles S., Enfield, England. Combined table, cabinet, and desk. 164,622, Sept. 25.
Brocken, Karl, Milwaukee, Wis. Drink accessory cabinet. 163,847, July 10.
Brockway, Walter L., Auburn Township, Geauga County, assignor to A. Medert, trustee, Cleveland, Ohio. Combined tractor radiator cover and hood. 163,848, July 10.
Broeren, Frank L., Neenah, assignor to Marathon Corporation, Rothschild, Wis. Dispenser for sheet material. 162,122, Feb. 27.
Broeren, Frank L., Neenah, assignor to Marathon Corporation, Rothschild, Wis. Dispenser for sheet material. 162,123, Feb. 27.
Broes, Frank, Sr., Palm Springs, Calif. Combined shaving brush and razor unit. 164,473, Sept. 11.
Broido, Jacques J. G. G., Carouge-Geneva, Switzerland. Motion-picture camera. 162,782, Apr. 10.
Bronie, Norman R., assignee: *See*—
Battle, Wingate.
Bronzini, Ltd., assignee: *See*—
Blackwell, William D.
Bronson, George A., Council Bluffs, Iowa. Lapel button or similar article. 162,514, Mar. 20.
Brooks, Charles E., Nashville, Tenn. Artificial fishing lure. 161,820, Feb. 6.
Brooks, Donald W., Oradell, N. J. Toy sword. 163,022, Apr. 24.
Brooks, Donald W., Oradell, N. J. Toy sword. 163,086, May 1.
Brooks, Jack, Brooklyn, N. Y. Plate holder. 161,899, Feb. 13.
Brooks, James, Chicago, Ill. Play dress or the like. 164,281, Aug. 21.
Brooks, John W., assignor to Pass & Seymour, Inc., Syracuse, N. Y. Electric lighting fixture. 162,124, Feb. 27.
Brown, Alfred, New York, N. Y. Girdle or similar article. 163,362, May 22.
Brown & Bigelow, assignee: *See*—
Felt, Paul W.
Stageberg, Wilfred E.
Woofter, Cecil B.
Brown, Gordon A., Pomfret Center, Conn., assignor to American Optical Company, Southbridge, Mass. Pair of spectacles or the like. 164,760, Oct. 9.
Brown, Matthew L., Springfield, Ohio, assignor to Grand Aerie Fraternal Order of Eagles, Kansas City, Mo. Fraternal medal or similar article. 163,087, May 1.
Brown, Ray W., assignor to Densco, Incorporated, Denver, Colo. Dental handpiece. 162,002, Feb. 20.
Brown, Timothy C., and W. O. Waterhouse, Louisville, Ky. Mint julep cup. 163,564, June 12.
Brown, Walter O., Detroit, Mich. Handle for a kitchen utensil. 164,842, Oct. 16.
Broyles, Daniel N., Knoxville, Tenn. Shooting gallery. 162,376, Mar. 13.
Bruce, E. L., Company, assignee: *See*—
Teague, James.
Bruce, Leo I., Framingham Center, Mass., assignor to Telechron, Inc. Clockcase. 162,929, Apr. 17.
Bruce, Leo I., Framingham Center, Mass., assignor to Telechron, Inc. Clockcase. 163,363, May 22.
Bruce, Leo I., Framingham Center, Mass., assignor to Telechron, Inc. Clockcase. 163,565, June 12.
Bruce, Leo I., Framingham Center, Mass., assignor to Telechron, Inc. Clockcase. 163,566, June 12.
Bruce, Leo I., Framingham Center, Mass., assignor to Telechron, Inc. Clockcase. 163,567, June 12.
Bruce, Leo I., Framingham Center, Mass., assignor to Telechron, Inc. Clockcase. 163,676, June 19.
Bruce, Leo I., Framingham Center, Mass., assignor to Telechron, Inc. Clockcase. 163,930, July 17.
Bruce, Leo I., Framingham Center, Mass., assignor to General Electric Company. Clock case. 165,132, Nov. 13.
Bruce, Leo I., Framingham Center, Mass., assignor to General Electric Company. Clock case. 165,133, Nov. 13.
Bruce, Marcus J. H., London, England. Ironing cord holder. 161,677, Jan. 23

Bruck, John P.: *See*—
Emmons, Arthur N., and Bruck.
Bruder, Charles F.: *See*—
Langille, Wilfred O., and Bruder.
Brukoff, William A., Chicago, Ill. Vaporizer. 162,930, Apr. 17.
Brullhard, Otto, assignee: *See*—
Sochor, Franz.
Brulin, Laurence W.: *See*—
Willis, Sumner C., and Brulin.
Brumbaugh, George U., Palo Alto, assignor to Peterbilt Motors Company, Oakland, Calif. Automotive truck. 163,677, June 19.
Brummel, Gordon T., assignee: *See*—
Sprung, John G.
Brummel, Gordon T., Chicago, Ill. Fast jaw hook. 163,568, June 12.
Brummel, Gordon T., Chicago, Ill. Nuthook. 163,789, July 3.
Bruner, Marvin J., assignee: *See*—
Ritter, Saul.
Brunner, Lee, Elmhurst, N. Y. Display stand. 163,164, May 8.
Bruns, Lawrence A., Relay, assignor to The Crosse & Blackwell Company, Baltimore, Md. Bottle. 165,361, Dec. 11.
Brunswick-Balke-Collender Company, The, assignee: *See*—
Anderson, Robert I., and Hoeker.
Bryans, William A., Denver, Colo. Store building. 164,474, Sept. 11.
Bryce Brothers Company, assignee: *See*—
Morrison, William P.
Buchanan, Maynard A., Omaha, Nebr. Mobile display stand. 163,790, July 3.
Buckles, Ethel B., Columbia City, Ind. Compartmented refrigerator tray. 162,931, Apr. 17.
Budd Company, The, assignee: *See*—
Dean, Walter B., and Chandlee.
Budlane, Stanley J., and R. Dusek, River Grove, Ill. Electric deep fat fryer. 164,982, Oct. 30.
Budlong, Robert D., Evanston, Ill., assignor to New-Process Gear Corporation, Syracuse, N. Y. Sewing-machine head. 165,362, Dec. 11.
Budlong, Robert D., Skokie, assignor to Victor Adding Machine Co., Chicago, Ill. Calculating machine casing. 162,377, Mar. 13.
Budlong, Robert D., Skokie, Ill., assignor to Zenith Radio Corporation. Radio cabinet. 162,623, Mar. 27.
Budlong, Robert D., Skokie, Ill., assignor to Zenith Radio Corporation. Radio cabinet. 162,624, Mar. 27.
Budlong, Robert D., Skokie, Ill., assignor to Zenith Radio Corporation. Radio phonograph cabinet. 163,678, June 19.
Budlong, Robert D., Skokie, Ill., assignor to Zenith Radio Corporation. Radio cabinet. 164,475, Sept. 11.
Budlong, Robert D., Skokie, Ill., assignor to Zenith Radio Corporation. Radio cabinet. 165,049, Nov. 6.
Budlong, Robert D., Skokie, Ill., assignor to Zenith Radio Corporation. Radio cabinet. 165,507, Dec. 25.
Budlong, Robert D., Skokie, Ill., assignor to Zenith Radio Corporation. Radio cabinet. 165,508, Dec. 25.
Budny, Leon, Cheektowaga, and E. F. Gornikiewicz, Buffalo, N. Y. Portable tonsorial cabinet. 162,783, Apr. 10.
Buell, Olive L., assignee: *See*—
Arseneault, James R.
Buerger, Edgar L.: *See*—
Keiding, Andrew, and Buerger.
Buhler, Eugene, Cliffside Park, N. J. Wheeled figure toy. 161,568, Jan. 9.
Built-Rite Manufacturers, assignee: *See*—
Becker, Wilfred C.
Bullard, Edgar E., Leominster, Mass., assignor to E. I. du Pont de Nemours and Company, Wilmington, Del. Comb or similar article. 162,625, Mar. 27.
BullDog Electric Products Company, assignee: *See*—
Platz, Elwood T., Robertson, and Higgins.
Robertson, William, and Higgins.
Bullock, Vernon M.: *See*—
Hirst, Arthur L., and Bullock.
Bulova Watch Company, Inc., assignee: *See*—
Fachon, Emil E.
Bulone, Anthony D.: *See*—
White, Allan T., and Bulone.
Bunin, Ben, River Edge, assignor to Product Design & Mfg. Corp., North Hackensack, N. J. Molding. 161,418, Jan. 2.
Bunting Glider Company, assignee: *See*—
Goldberg, Aaron S.
Burchard, De Lois J., Russellville, Ark. Desk. 161,733, Jan. 30.
Burchard, De Lois J., assignor of one-half to B. Bailey, Russellville, Ark. Desk. 162,378, Mar. 13.
Burdick, John S., North Muskegon, assignor to The Shaw-Walker Company, Muskegon, Mich. Armchair. 164,897, Oct. 23.
Burdick, John S., North Muskegon, assignor to The Shaw-Walker Company, Muskegon, Mich. Armchair. 164,898, Oct. 23.
Burdick, John S., North Muskegon, assignor to The Shaw-Walker Company, Muskegon, Mich. Executive posture swivel chair. 164,899, Oct. 23.
Burdick, John S., North Muskegon, assignor to The Shaw-Walker Company, Muskegon, Mich. Swivel chair base. 164,900, Oct. 23.
Burdick, John S., North Muskegon, assignor to The Shaw-Walker Company, Muskegon, Mich. Stenographer's chair. 165,322, Dec. 4.
Burge, Keith W., Highland Park, Ill. Can carrying device. 162,515, Mar. 20.
Burger, Arnold J., New York County, N. Y. Switch. 165,134, Nov. 13.
Burger, William F., assignor to Orange State Dispenser Corporation, Jacksonville, Fla. Fruit juice dispenser. 161,419, Jan. 2.
Burgess Vibrocrafters, Inc., assignee: *See*—
Andresen, Hilmar A. and R. H.
Burgold, Kurt, Asheville, N. C., assignor to Morgan Furniture Company. Handle unit. 162,516, Mar. 20.
Burke, Harold, assignor to Concentric Manufacturing Company Limited, Birmingham, England. Pie molding and filling machine unit. 162,784, Apr. 10.
Burkes, Alexander, assignor to Plastic Innovations, Inc., New York, N. Y. Inflatable toy figure or similar article. 161,734, Jan. 30.
Burkes, Alexander, assignor to Plastic Innovations, Inc., New York, N. Y. Inflatable toy figure or similar article. 162,003, Feb. 20.
Burkes, Alexander, assignor to Plastic Innovations, Inc., New York, N. Y. Inflatable toy figure or similar article. 162,125, Feb. 27.
Burkes, Alexander, assignor to Plastic Innovations, Inc., New York, N. Y. Inflatable toy figure or similar article. 162,126, Feb. 27.
Burkes, Alexander, assignor to Plastic Innovations, Inc., New York, N. Y. Inflatable toy animal figure or similar article. 163,252, May 15.
Burkes, Alexander, assignor to Plastic Innovations, Inc., New York, N. Y. Inflatable toy animal figure or similar article. 163,253, May 15.
Burkes, Alexander, assignor to Plastic Innovations, Inc., New York, N. Y. Inflatable toy animal figure or similar article. 163,254, May 15.
Burleigh Brooks Co., assignee: *See*—
Rizzatti, Frank J.
Burlington Mills Corporation, assignee: *See*—
Butler, Vaughn.
Welch, Joe T.
Burnbaum, Jack, Watertown, Mass. Christmas tree trim or similar article. 165,363, Dec. 11.
Burnelli, Vincent J., Great Neck, N. Y. Airplane. 162,517, Mar. 20.
Burnelli, Vincent J., Great Neck, N. Y. Airplane. 164,843, Oct. 16.
Burnett, Arthur C., Newburgh, N. Y., assignor to The City of Newburgh, N. Y. Jewelry finding. 162,004, Feb. 20.
Burnham, Frank J., assignee: *See*—
Vellá, Ruby S.
Burnham, Harold F., Highland Park, N. J., assignor to Johnson & Johnson. Garment grip or the like. 162,932, Apr. 17.
Burns, Denis O.: *See*—
Burns, Eric C. and D. O.
Burns, Eric C. and D. O., Warstock, Birmingham, England. Nutcracker. 161,678, Jan. 23.
Burroughs Adding Machine Company, assignee: *See*—
Taylor, Leslie H.
Burroughs, Clarence M., Glendale, assignor to Burroughs Manufacturing Corporation, Los Angeles, Calif. Salt shaker with handle. 162,005, Feb. 20.
Burroughs, Clarence M., Glendale, assignor to Burroughs Manufacturing Corporation, Los Angeles, Calif. Batter bowl. 163,849, July 10.
Burroughs Manufacturing Corporation, assignee: *See*—
Burroughs, Clarence M.
Burtt, Horatio H., Hartsdale, W. W. Koenig, Flushing, and L. Gilbert, assignors to Winchester Electronics, Inc., New York, N. Y. Electrical connector. 161,900, Feb. 13.
Busbee, Homer A., Ocala, Fla. Gang sawmill machine. 164,761, Oct. 9.
Busch, Conrad J., Wyomissing, assignor to Narrow Fabric Company, West Reading, Pa. Narrow elastic fabric. 162,785, Apr. 10.
Busch, Conrad J., Wyomissing, assignor to Narrow Fabric Company, West Reading, Pa. Narrow elastic fabric. 162,786, Apr. 10.
Buschmann, Rudi P., Sunland, and V. Jensen, Glendale, Calif. Combination accelerometer and gradometer or the like. 165,050, Nov. 6.
Bushman, Edwin F., Aurora, Ill. Dispensing holder for bottles or the like. 163,088, May 1.
Bushman, Elva E., Chicago, Ill. Jar cap opener. 161,569, Jan. 9.
Bushway, George F., assignor to Tyer Rubber Company, Andover, Mass. Overshoe. 161,901, Feb. 13.
Bussey, Jeff D., Atlanta, Ga. Combined candelabrum and flower holder. 162,787, Apr. 10.
Bussey, Jeff D., Atlanta, Ga. Combined candelabrum and flower holder. 164,218, Aug. 14.
Butler, Henry N., Dallas, and T. A. Sibley, Jr., Garland, said Butler assignor to J. D. Carpenter, Dallas, Tex. Exhaust blower unit for cooking stove hoods. 161,821, Feb. 6.

Butler, Vaughn, Harriman, Tenn., assignor to Burlington Mills Corporation, Greensboro, N. C. Lady's stocking. 163,364, May 22.
Butterfield, Vernoid M.: *See*—
Polivka, John N., Scharfenberg, and Butterfield.
Buzan, Boris J., Laguna Beach, Calif. Planter or similar article. 163,089, May 1.
Byck, John, New York, N. Y. Separable picture or monogram frame for gift packages. 163,931, July 17.
Byck, John, New York, N. Y. Separable picture or monogram frame for gift packages. 163,932, July 17.
Byers, Gordon L., assignee, trustee: *See*—
Robbins, Robert L., Jr.
Caccia, Alan, Philadelphia, Pa. Clothes hamper. 163,679, June 19.
Cadwallader, Brooke M., New York, N. Y. Textile fabric. 163,165, May 8.
Cahn, Bernard Co. Inc., assignee: *See*—
Chase, Herbert.
Caldwell Amusement Co., Inc., assignee: *See*—
Atlas, Marvin.
Caldwell, James R., assignor to The Wooster Rubber Company, Wooster, Ohio. Shelf cushioning mat. 162,626, Mar. 27.
Caldwell, James R., assignor to The Wooster Rubber Company, Wooster, Ohio. Sink mat. 164,219, Aug. 14.
California Fruit Growers Exchange, assignee: *See*—
Hull, Robert R.
Calvin, Elizabeth C., Leawood, Kans. Vacuum clothes cleaner. 165,509, Dec. 25.
Cameron Iron Works, Inc., assignee: *See*—
Allen, Herbert.
Camiel, Samuel B., New York, assignor to Circulators & Devices Mfg. Corp., Brooklyn, N. Y. Air circulator. 162,627, Mar. 27.
Campbell Chain Company, assignee: *See*—
Edelblute, Thomas H.
Campbell, Charles A., Shreveport, La. Portable barbecue. 163,090, May 1.
Campbell, Edward F., Jeffersonville, Ind. Drafting instrument. 161,570, Jan. 9.
Campbell, Edward F., Jeffersonville, Ind. Drafting instrument. 163,850, July 10.
Campbell, Herbert D., Phoenix, Ariz. Desk ornament. 161,420, Jan. 2.
Campbell, Laurie J., Erie, Pa., assignor to Louis Marx & Company, Inc., New York, N. Y. Toy walking horse. 164,097, July 31.
Canal National Bank of Portland, The, trustee, assignee: *See*—
Harper, Fred C.
Candlin, James E., Jr.: *See*—
Meldrum, Robert A., Candlin, and Haman.
Cann, Arthur S., Milford, Conn. Pipe cutter. 161,902, Feb. 13.
Cannon Rubber Manufacturers Limited, The, assignee: *See*—
Atkin, David.
Capen, Bernard H., assignor to Tyer Rubber Company, Andover, Mass. Molded shoe sole. 163,744, June 26.
Capital Records, Inc., assignee: *See*—
Duncan, Arthur D.
Caplan, Marvin, assignor to Oscar Caplan & Sons, Inc., Baltimore, Md. Alphabet for forming monograms or the like. 164,401, Sept. 4.
Caplan, Oscar, & Sons, Inc., assignee: *See*—
Caplan, Marvin.
Capocci, Romeo, Chicago, Ill. Cigarette case. 162,788, Apr. 10.
Caprice Limited, assignee: *See*—
Levy, Sabine.
Card, James V., La Grange, Tex. Tot's scooter-stroller. 164,402, Sept. 4.
Cardevaant, Lorna T., Edwardsburg, Mich. Book end or similar article. 165,263, Nov. 27.
Cardinal Chemical Corporation, assignee: *See*—
Laibow, Jules.
Caris-Art Inc., assignee: *See*—
Miller, Rudy.
Carlin, Bernard, assignor of one-half to Levingston Shipbuilding Company, Orange, Tex. Toy amphibious motor vehicle. 162,628, Mar. 27.
Carlson, Charles W., Tiffin, Ohio. Glass bowl or similar article. 165,264, Nov. 27.
Carlson, Charles W., Tiffin, Ohio. Glass vase or similar article. 165,265, Nov. 27.
Carlson, Charles W., Tiffin, Ohio. Glass vase or similar article. 165,266, Nov. 27.
Carlson, Charles W., Tiffin, Ohio. Glass vase or similar article. 165,267, Nov. 27.
Carlson, Reuben C., River Grove, Ill. Portable radio cabinet. 161,903, Feb. 13.
Carlton, William C., Hornchurch, England. Shuttlecock. 163,365, May 22.
Carlton, William C., Hornchurch, England. Shuttlecock. 163,366, May 22.
Carlton, William C., Hornchurch, England. Shuttlecock. 163,367, May 22.
Carlton, William C., Hornchurch, England. Shuttlecock. 163,368, May 22.
Carlton, William C., Hornchurch, England. Shuttlecock. 163,369, May 22.
Carnegie, Toni, New York, N. Y. Suit. 162,379, Mar. 13.
Carnegie, Toni, New York, N. Y. Suit. 162,380, Mar. 13.
Carnegie, Toni, New York, N. Y. Suit. 162,381, Mar. 13.
Carnevale, Donald V., New York, N. Y. Pill box or similar article. 161,612, Jan. 16.
Carpenter, Harry L., Kalamazoo, Mich., assignor to L. A. Westerberg, Skokie, Ill. Single electric shaver display case. 161,904, Feb. 13.
Carpenter, Harry L., Kalamazoo, Mich., assignor to L. A. Westerberg, Skokie, Ill. Single electric shaver in box display case. 162,711, Apr. 3.
Carpenter, Jack D., assignee: *See*—
Butler, Henry N., and Sibley.
Carr, William J., assignor to Heywood-Wakefield Company, Gardner, Mass. Cabinet with multiple drawers and compartments. 163,851, July 10.
Carr, William J., assignor to Heywood-Wakefield Company, Gardner, Mass. Cabinet with drawer and compartment. 163,852, July 10.
Carreau, Henry C., Venice, Calif. Slipper or similar article. 163,091, May 1.
Carrier Corporation, assignee: *See*—
Guild, Lurelle.
Sundberg, Carl W.
Carrithers, Robert J., Lincolnwood, Ill. Desk lamp. 164,668, Oct. 2.
Carroll, Ellsworth W.: *See*—
Edgemond, John W., Jr., and Carroll.
Carroll, John, Jr., Providence, R. I. Earring attachment. 162,382, Mar. 13.
Carroll, Lawrence K., assignor to Quikut, Inc., Fremont, Ohio. Cutlery handle or the like. 163,933, July 17.
Carse, John F., Omaha, Nebr. Paper match book package. 162,789, Apr. 10.
Carson, Abram, Philadelphia, Pa. Stocking. 162,383, Mar. 13.
Carssow, John F., Birmingham, Ala. Toy gun. 161,421, Jan. 2.
Carter, Harry C., Middle River, Md. What-not shelf unit. 162,006, Feb. 20.
Carter, Victor M., assignee: *See*—
Crain, Owen R.
Casady, Dorothea, West Los Angeles, assignor to G. H. Harper, Santa Monica, Calif. Figurine. 162,384, Mar. 13.
Casco Products Corporation, assignee: *See*—
Thibault, Joseph O.
Thomson, Ernest F.
Casper, Joseph R., Baltimore, Md. Lamp. 163,370, May 22.
Casper, Louis, Richmond Hill, N. Y. Advertising device or similar article. 163,255, May 15.
Cassel, Kathy R., Chicago, Ill. Tie clasp or similar article. 163,023, Apr. 24.
Cassidy, John D., Riverside, Conn., and J. D. Marks, West Orange, N. J., assignors to Universal Camera Corporation, New York, N. Y. Film mounting. 164,901, Oct. 23.
Castleton China Incorporated, assignee: *See*—
Costigan, Philip R.
Cattani, Gustave C.: *See*—
Stern, Charles M., and Cattani.
Catz and Weir, assignee: *See*—
Edgemond, John W., Jr., and Carroll.
Cauffiel, John, Toledo, Ohio. Tray. 162,285, Mar. 6.
Chadwick, Lee S., Shaker Heights, M. Resek, Cleveland Heights, and W. M. Day, Parma Heights, assignors to Perfection Stove Company, Cleveland, Ohio. Cooking range. 164,098, July 31.
Century Tool & Manufacturing Company, assignee: *See*—
Palmquist, Marvin E., and Lundstrom.
Certain-teed Products Corporation, assignee: *See*—
Romanelli, Louis.
Chalk, Benjamin, New York, N. Y. Coat. 164,844, Oct. 16.
Chambers Corporation, assignee: *See*—
Chambers, John E.
Williams, Willis E.
Chambers, Edmund E., Westmount, Quebec. Disposable razor. 162,933, Apr. 17.
Chambers, John E., Shelbyville, Ind., assignor to Chambers Corporation. Top burner for a gas range. 164,282, Aug. 21.
Chambers Mfg. Co., assignee. *See*—
Moanfeldt, Samuel.
Chandlee, Margaret S., Sacramento, Calif. Handbag. 164,623, Sept. 25.
Chandlee, William H., Jr.: *See*—
Dean, Walter B., and Chandlee.
Chapel, Clifford C.: *See*—
Leitch, Francis C., Kissner, Leitch, and Chapel.
Chaplin, Charles J., assignor to Chaplin Corporation, South Portland, Maine. Molded fibre service plate. 162,007, Feb. 20.
Chaplin, Charles J., assignor to Chaplin Corporation, South Portland, Maine. Carton. 163,371, May 22.
Chaplin, Charles J., assignor to Chaplin Corporation, South Portland, Maine. Carton. 163,441, May 29.
Chaplin, Charles J., assignor to Chaplin Corporation, South Portland, Maine. Packing sheet. 164,624, Sept. 25.

Chaplin, Charles J., assignor to Chaplin Corporation, South Portland, Maine. Compartmented plate. 164,669, Oct. 2.
Chaplin, Charles J., assignor to Chaplin Corporation, South Portland, Maine. Carton. 165,323, Dec. 4.
Chaplin Corporation, assignee: *See*—
Chaplin, Charles J.
Chapman, Don, Los Angeles, Calif. Illuminable display sign. 161,735, Jan. 30.
Chapman, Harold E., Ashford Bowdler, near Ludlow, England. Mixer for culinary and general use. 164,902, Oct. 23.
Charbonneau, Allan P., Wauwatosa, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Electric range surface heating unit. 162,518, Mar. 20.
Chase, Adine P.: *See*—
Rosenfeld, George P., and Chase.
Chase, Herbert, assignor to Bernard Cahn Co. Inc., New York, N. Y. Combined facial tissue holder and child's purse or similar article. 162,008, Feb. 20.
Chase, Herbert S., New York, N. Y. Combined purse, identification case, and wallet. 161,422, Jan. 2.
Chase, Herbert S., New York, N. Y. Combined coin holder, key chain, mirror, and cardcase or the like. 161,822, Feb. 6.
Chase, Herbert S., New York, N. Y. Combined wallet and calendar. 165,324, Dec. 4.
Chatterton, William Y., assignee: *See*—
Semeneck, Adolph J.
Chenault, Birdie: *See*—
Chenault, Stella, Sadie, and Birdie.
Chenault, Sadie: *See*—
Chenault, Stella, Sadie, and Birdie.
Chenault, Stella, Sadie, and Birdie, Berkeley, Calif. Hobby-horse. 164,156, Aug. 7.
Chernow, Michael, New York, N. Y. Necklace or similar article. 161,905, Feb. 13.
Chernow, Michael, New York, N. Y. Jewelry pendant or similar article. 163,024, Apr. 24.
Chernow, Michael, New York, N. Y. Necklace or similar article. 163,680, June 19.
Chernow, Michael, New York, N. Y. Necklace or similar article. 163,934, July 17.
Chernow, Michael, New York, N. Y. Bracelet or similar article. 163,989, July 24.
Chernow, Michael, New York, N. Y. Necklace or similar article. 163,990, July 24.
Chernow, Michael, New York, N. Y. Necklace or similar article. 163,991, July 24.
Chernow, Michael, New York, N. Y. Necklace or similar article. 164,283, Aug. 21.
Chernow, Michael, New York, N. Y. Bracelet or similar article. 164,550, Sept. 18.
Chernow, Michael, New York, N. Y. Necklace or similar article. 164,845, Oct. 16.
Chester, Frank R., Santa Monica, Calif. Flour sifter. 161,679, Jan. 23.
Chicago Coin Machine Co., assignee: *See*—
Koci, Jerry C.
Chicago Electric Manufacturing Company, assignee: *See*—
Se Bastian, Ford.
Chicago Hardware Foundry Co., The, assignee: *See*—
Oliver, Conrad J., and Kupski.
Chicago Printed String Company, assignee: *See*—
Swanson, Arthur P.
Chicorel, Albert, Detroit, Mich. China stand. 162,127, Feb. 27.
Choate, Christian E., assignor of one-half to C. May, Los Angeles, Calif. Combined chair and tray. 164,099, July 31.
Choldun Manufacturing Corporation, assignee: *See*—
Dunn, Henry M., and Oles.
Chosy, Eugene: *See*—
King, John B., and Chosy.
Chriscaden, Alex W.: *See*—
Kendall, George A., and Chriscaden.
Christen, Marcel, assignor to Hartford Textile Corporation, New York, N. Y. Plastic film tablecloth. 164,284, Aug. 21.
Christensen, Clarence C., Muskegon, Mich., assignor, by mesne assignments, to J. J. Hamm. Receptacle for toilet articles. 165,135, Nov. 13.
Christman, William D., Putnam Valley, N. Y. Airplane toy. 162,790, Apr. 10.
Christy, Robert T., New York, N. Y. Cosmetic container. 163,569, June 12.
Chrysler Corporation, assignee: *See*—
Bannister, Harry T.
Hood, Carl W.
Kaminski, Aloysius J.
Keller, Kaufman T.
King, Henry T.
Lasko, George A.
Martin, Thomas L.
O'Leary, Milo J.
Pilkey, Harold W.
Reynolds, Frederick.
Scott, David E.
Sheard, Edward O.
Stanley, Frank.
Chrzanowski, Stanley, New Britain, Conn. Telephone tray. 164,157, Aug. 7.
Chuc-Wagun System Incorporated, assignee: *See*—
Coleman, Melvin E.
Chudner, David, Los Angeles, Calif. Lazy Susan or the like. 163,025, Apr. 24.
Churan, Roy G.: *See*—
Jones, Paul A., and Churan.
Churan, Roy G., and R. M. Lawless, assignors to Inland Steel Container Company, Chicago, Ill. Space heater casing or similar article. 164,670, Oct. 2.
Churan, Roy G., and R. M. Lawless, assignors to Inland Steel Container Company, Chicago, Ill. Casing for space heaters or similar articles. 164,671, Oct. 2.
Cianciolo, Lawrence J., Milwaukee, Wis. Combination lamp and plant holder. 165,510, Dec. 25.
Ciba Pharmaceutical Products, Incorporated, assignee: *See*—
Zahn, Lawrence H.
Ciccone, Silvester, and E. L. King, Jr., Norfolk, Va. Dancing doll or the like. 163,026, Apr. 24.
Cimaglia, Arthur C., assignor to Mi-Lady Specialties, Inc., Chicago, Ill. Combination holding device for handbags and gloves. 163,570, June 12.
Cincinnati Butchers' Supply Company, The, assignee: *See*—
Schmidt, William C.
Circulators & Devices Mfg. Corp., assignee: *See*—
Camiel, Samuel B.
Citero, Mike, Los Angeles, Calif. Drain pan. 162,791, Apr. 10.
City of Newburgh, N. Y., The, assignee: *See*—
Burnett, Arthur C.
Claflin, Ruth S., Park Ridge, Ill. Set of educational toy blocks. 161,423, Jan. 2.
Clare, George, Maplewood, assignor to Claremould Plastics Corporation, Newark, N. J. Liquor pourer. 164,476, Sept. 11.
Claremould Plastics Corporation, assignee: *See*—
Clare, George.
Clark, Frank R., Dallas, Tex. Motor board. 161,424, Jan. 2.
Clark, Paul, assignor to Fremont Rubber Company, Fremont, Ohio. Rubber mat. 165,268, Nov. 27.
Clark, Philip B., Stroudsburg, Pa., assignor to McGraw Electric Company, Milwaukee, Wis. Light projector. 162,128, Feb. 27.
Clark, Robert B., Washington, D. C., assignor to Hospital Picture Service Corporation, Cambridge, Mass. Camera. 164,285, Aug. 21.
Clark, Robert B., Washington, D. C., assignor to Hospital Picture Service Corporation, Cambridge, Mass. Photographic unit. 164,354, Aug. 28.
Clark, W. L. M., Inc., assignee: *See*—
Clark, William L. M.
Clark, William L. M., Clayton, assignor to W. L. M. Clark Inc., St. Louis, Mo. Pillow case. 163,092, May 1.
Clarke, Warren H., assignor to Kalex Corporation, New York, N. Y. World clock. 163,256, May 15.
Clary Multiplier Corporation, assignee: *See*—
Boyden, Robert E., and Freeman.
Classic Weaving Corporation, assignee: *See*—
Mitschke, Walter.
Clay, Marshall F., Canton, Ohio. Ornament for door stoops. 161,613, Jan. 16.
Clay, Murray G., Chicago, Ill. Slide projector. 164,158, Aug. 7.
Clayman, James, Allston, Mass. Picture frame. 165,364, Dec. 11.
Clement, Theodore G., Rochester, assignor to L. C. Smith & Corona Typewriters, Inc., Syracuse, N. Y. Typewriting machine. 165,511, Dec. 25.
Clement, Theodore G., Rochester, assignor to L. C. Smith & Corona Typewriters, Inc., Syracuse, N. Y. Keyboard guard for a typewriting machine. 165,512, Dec. 25.
Clement, Theodore G., Rochester, assignor to L. C. Smith & Corona Typewriters, Inc., Syracuse, N. Y. Front plate for a typewriting machine. 165,513, Dec. 25.
Cleveland Welding Company, The, assignee: *See*—
Kranz, Harry W.
Cleverdon, Alton A., New Rochelle, N. Y. Bathroom fixture. 161,425, Jan. 2.
Clingman, William H., Grand Rapids, Mich., assignor to Avco Manufacturing Corporation, Cincinnati, Ohio. Television receiver. 162,286, Mar. 6.
Clukie, William, Bay City, Mich. Building block. 164,625, Sept. 25.
Clyne, Joseph N., assignor to Vonnegut Moulder Corporation, Indianapolis, Ind. Polishing machine or similar article. 164,403, Sept. 4.
Coast Fishing Company, assignee: *See*—
Precourt, Lee H.
Cobblers Incorporated, assignee: *See*—
Braun, Walter.
Coca-Cola Company, The, assignee: *See*—
Roeder, Walter G.
Coddington, Harold D., Park Forest, assignor to Steger Furniture Manufacturing Company, Steger, Ill. Wall magazine rack. 161,736, Jan. 30.
Coffey, Francis T., Sr., Los Angeles, Calif. Film viewer. 162,009, Feb. 20.
Cohen, Davis, Brooklyn, N. Y. Skirt or similar article. 163,093, May 1.
Cohen, Joseph, assignor to J. Arden, New York, N. Y. Reversible drawstring handbag. 164,626, Sept. 25.

Cohen, Leon R., Springfield, Mass. Water toy figure. 161,906, Feb. 13.
Cohen, Leon R., Springfield, Mass. Water toy figure. 161,907, Feb. 13.
Cohn, Gustav, New York, N. Y. Slipper. 163,791, July 3.
Cohn, Gustav, New York, N. Y. Slipper. 163,792, July 3.
Colbert, C. P., assignee: *See*—
Riley, Sheldon P.
Colbert, Jeremiah J., St. Joseph, Mo. Fluid pump. 164,762, Oct. 9.
Colborn, Harold B., Washington, D. C., assignor to the United States of America as represented by the Secretary of the Army. Badge or similar article. 162,385, Mar. 13.
Coldwell, John S., assignor to Globe-Union Inc., Milwaukee, Wis. Shoe plate for a rink roller skate. 162,129, Feb. 27.
Coleman, Melvin E., assignor to Chuc-Wagun System Incorporated, Waco, Tex. Restaurant building. 165,218, Nov. 20.
Colitre, William B., assignee: *See*—
Moses, Henry T.
Collegiate Manufacturing Company, assignee: *See*—
Grooms, George.
Collingwood, Frances, New York, N. Y. Apron. 164,672, Oct. 2.
Collins, Edward J., Los Angeles, Calif., assignor to Williams Manufacturing Company, Chicago, Ill. Coin-actuated automatic phonograph apparatus. 163,257, May 15.
Collins, George R., Monroe, Mich. Hair comb. 162,519, Mar. 20.
Collins, John, and H. A. Bowman, assignors to Schenley Industries, Inc., New York, N. Y. Decanter bottle. 164,477, Sept. 11.
Collins, Kenneth, Rochester, Mich. Portable traffic signal. 163,166, May 8.
Colombini, John S., assignor to Stamping Products & Mfg. Co., Detroit, Mich. Sprinkler. 162,712, Apr. 3.
Colombini, John S., assignor to Stamping Products & Mfg. Co., Detroit, Mich. Sprinkler. 162,713, Apr. 3.
Colombo, Grace J., assignor to Hanes Hosiery, Inc., New York, N. Y. Display stand or similar article. 162,010, Feb. 20.
Colombo, Grace J., assignor to Hanes Hosiery, Inc., New York, N. Y. Hosiery display rack or similar article. 162,629, Mar. 27.
Colson, Clem B., Los Angeles, Calif. Bed leg. 163,027, Apr. 24.
Colson Corporation, The, assignee: *See*—
Roe, William C.
Columbia Protektosite Co., Inc., assignee: *See*—
Baldanza, Nicholas T.
Tietje, Helmut G.
Columbus Plastic Products, Inc., assignee: *See*—
Roop, Nathan W.
Colwell, Joseph W., executor: *See*—
Colwell, Roland W.
Colwell, Roland W., deceased, Los Angeles, Calif.: J. W. Colwell, executor. Garment hanger. 162,520, Mar. 20.
Commonwealth Plastics, Inc., assignee: *See*—
Black, John M.
Community Chest of Greater Dallas, Inc., The, assignee: *See*—
Gilchrist, Ellsworth L.
Compagnie de Navigation Aerienne Air-France, assignee: *See*—
Joutel, Louis R.
Compco Corporation, assignee: *See*—
Hammer, Hy C.
Compton, Ellwood O., assignor to Anthony Oberholtz, Los Angeles, Calif. Automotive vehicle. 162,792, Apr. 10.
Compton, Ellwood O., assignor to A. Oberholtz, Los Angeles, Calif. Automotive vehicle. 163,511, June 5.
Concentric Manufacturing Company Limited, assignee: *See*—
Burke, Harold.
Condon, Maurice M.: *See*—
Levy, Sidney E., and Condon
Cone Automatic Machine Company, Inc., assignee: *See*—
Ranney, Herbert H.
Cone, Charles A., Troy, Mont. Supporting stand for pocket watch. 163,372, May 22.
Conkle, Carl C., assignor to Ultra-Cold, Inc., Los Angeles, Calif. Juice dispenser. 165,365, Dec. 11.
Connecticut Telephone and Electric Corporation, assignee: *See*—
Sundberg, Carl W.
Connell, Evan S., Jr., Kansas City, Mo. Food tray. 164,551, Sept. 18.
Connell, William S., Norwood Park, Ill. Soda fountain. 162,934, Apr. 17.
Connell, William S., Norwood Park, Ill. Soda fountain. 162,935, Apr. 17.
Connolly, James W., Boston, Mass. Game board or similar article. 162,386, Mar. 13.
Connor, Roger, assignor to The McBee Company, Athens, Ohio. Utility cart. 163,094, May 1.
Conroy, Edward J., assignor to The International Silver Company, Meriden, Conn. Spoon or other article of flatware. 163,258, May 15.
Conroy, Edward J., Meriden, Conn. Spoon or other article of flatware. 164,478, Sept. 11.
Consolidated Sewing Machine & Supply Co., Inc., assignee: *See*—
Redlich, Solomon.
Continental Electric Equipment Co., assignee: *See*—
Cottell, John B., and Starbuck.
Control Instrument Company, Inc., assignee: *See*—
Wockenfuss, William.
Convert-O-Shield, Inc., assignee: *See*—
Gates, Earl F., and Elsebusch.
Conway, Joseph H., assignee: *See*—
Matthews, Edward.
Cook Bros. Equipment Co., assignee: *See*—
Prichard, Evan S.
Cook, Harold T., assignor of one-half to A. G. Schnee, Seattle, Wash. Hatrack. 161,680, Jan. 23.
Cooke, Lawrence E., Roslyn Heights, N. Y. Amulet. 161,737, Jan. 30.
Cooke, Norton R., London, England. Bail ear. 164,159, Aug. 7.
Cookman, Helen C., New York, N. Y. Dress. 162,011, Feb. 20.
Coolerator Company, The, assignee: *See*—
Anderson, Herbert E., Jr.
Sanders, Charles W.
Cooper, John S., Pensacola, Fla. Drinking glass. 165,325, Dec. 4.
Cooper, Leo M., New York, N. Y. Dress or like article of feminine apparel. 162,936, Apr. 17.
Cooper, McDougall & Robertson Limited, assignee: *See*—
Lee, Ronald H. D. F.
Cooper, Samuel L., Chicago, Ill. Combined building and display sign. 162,387, Mar. 13.
Copper Clad Products, Inc., assignee: *See*—
Schoor, Samuel.
Corbett, Thomas H., Chicago, Ill. Glass washer. 162,388, Mar. 13.
Corde de Paris Corset Company, Inc., assignee: *See*—
Steiner, Harry.
Cordell, John H., Shreveport, La. Kite reel. 165,269, Nov. 27.
Corning Glass Works, assignee: *See*—
Horne, Willard R.
Coro, Inc., assignee: *See*—
Katz, Adolph.
Roditi-Melli, Yvonne.
Corpora, Michael, Mountain View, Calif. Combined tray, nutcracker block, and bowl. 162,389, Mar. 13.
Corwin, Carl K., Aliquippa, Pa. Game board. 163,571, June 12.
Cory Corporation, assignee: *See*—
Dale, Sheldon.
Jones, Charles E., and Crowle.
Neuman, Edward C.
Wohl, Harry.
Cosby, Eric L. H., assignor to G. B. Kent & Sons Limited, London, England. Hairbrush. 165,514, Dec. 25.
Costas, Samuel G., Fond du Lac, Wis. Portable illuminable direction sign. 165,051, Nov. 6.
Costigan, Philip R., Port Washington, assignor to Castleton China Incorporated, New York, N. Y. Plate or the like. 163,442, May 29.
Cottell, John B., and H. S. Starbuck, Cincinnati, Ohio, assignors to Continental Electric Equipment Co., Ludlow, Ky. Fluorescent tube circuit tester. 164,763, Oct. 9.
Cottrell, Lloyd W., St. Clair Shores, Mich. Combination household measuring and dispensing device. 163,681, June 19.
Coturno, S. A., assignee: *See*—
Mediano Capdevila, Gonzalo.
Coty, Inc., assignee: *See*—
De Gorin, Serge.
Despres, Jean.
Couch, Clifford D., Scarsdale, N. Y. Plastic upholstery material or the like. 163,167, May 8.
Couzens, Joseph J., Oak Park, assignor to Sears, Roebuck and Co., Chicago, Ill. Head for toy hobbyhorse. 161,614, Jan. 16.
Coventry Ware, Inc., assignee: *See*—
Ellis, Ellis F.
Fuller, James H.
Covey, Laird F.: *See*—
Lippincott, Joshua G., and Covey.
Covey, Laird F., Stamford, Conn., and J. T. Harten, Ozone Park, assignors to L. E. Waterman Company, New York, N. Y. Fountain pen. 161,426, Jan. 2.
Covey, Laird F., Darien, Conn., and E. Greacen, Jr., White Plains, N. Y., assignors, by mesne assignments, to Personal Products Corporation. Handle for disposable mop. 164,100, July 31.
Covington Fabrics Corporation, assignee: *See*—
Bochner, Simon.
Cowan, R. Guy, Fayetteville, assignor to Onondaga Pottery Company, Syracuse, N. Y. Cup. 164,404, Sept. 4.
Cowan, R. Guy, Fayetteville, assignor to Onondaga Pottery Company, Syracuse, N. Y. Cup. 164,405, Sept. 4.

Cowan, R. Guy, Fayetteville, assignor to Onondaga Pottery Company, Syracuse, N. Y. Sugar bowl. 164,406, Sept. 4.
Cowan, R. Guy, Fayetteville, assignor to Onondaga Pottery Company, Syracuse, N. Y. Casserole or similar article. 164,407, Sept. 4.
Cowan, R. Guy, Fayetteville, assignor to Onondaga Pottery Company, Syracuse, N. Y. Cover for casserole or similar article. 164,408, Sept. 4.
Cowan, R. Guy, Fayetteville, assignor to Onondaga Pottery Company, Syracuse, N. Y. Cream pitcher. 164,479, Sept. 11.
Cowen, Martha, executrix: *See*—
Friedman, Theodore.
Cowen, Ross A., New York, N. Y. Purse. 161,738, Jan. 30.
Cowen, Wesley M., New York, N. Y. Book page marker. 163,572, June 12.
Cox, Katie L., Atlanta, Ga. Crochet frame. 162,287, Mar. 6.
Craftsmen's Guild, assignee: *See*—
Fuller, Robert B.
Craighead, John R., Denver, Colo. Belt buckle or similar article. 165,413, Dec. 18.
Crain, Owen R., San Gabriel, assignor to Westwood Mfg. Co., Los Angeles, Calif. Door handle. 161,427, Jan. 2.
Crain, Owen R., San Gabriel, assignor to Westwood Mfg. Co., Los Angeles, Calif. Door handle. 161,428, Jan. 2.
Crain, Owen R., San Gabriel, assignor to Westwood Mfg. Co., Los Angeles, Calif. Door handle. 161,429, Jan. 2.
Crain, Owen R., San Gabriel, assignor to V. M. Carter, Los Angeles, Calif. Combined escutcheon and handle for doors. 164,101, July 31.
Crain, Owen R., San Gabriel, assignor to V. M. Carter, Los Angeles, Calif. Combined escutcheon and handle for doors. 164,102, July 31.
Crain, Owen R., San Gabriel, assignor to V. M. Carter, Los Angeles, Calif. Combined escutcheon and handle for doors. 164,103, July 31.
Crain, Owen R., San Gabriel, assignor to V. M. Carter, Los Angeles, Calif. Combined escutcheon and handle for doors. 164,104, July 31.
Cramer, Roy A., Kansas City, Mo. Armchair. 165,052, Nov. 6.
Cranberry Growers, Inc., assignee: *See*—
Brazeau, Bernard C.
Crane, Robert L., Glen Lake, Minn., assignor to The Doall Company, Des Plaines, Ill. Band saw or the like. 163,573, June 12.
Crane, Robert L., Glen Lake, Minn., assignor to The Doall Company, Des Plaines, Ill. Band saw or the like. 163,574, June 12.
Crane, Robert L., Glen Lake, Minn., assignor to The Doall Company, Des Plaines, Ill. Band saw or the like. 163,575, June 12.
Crane, Walton B., Beverly Hills, assignor to Max Factor & Co., Los Angeles, Calif. Liquid dispenser. 163,443, May 29.
Crapsey, Arthur H., Jr., assignor to Eastman Kodak Company, Rochester, N. Y. Roll-holding camera. 162,630, Mar. 27.
Crawford, Arthur, Baltimore, Md. Combined sign and trellis. 165,053, Nov. 6.
Crawford, Dale O.: *See*—
Wolfe, Harold J., and Crawford.
Creason, Ben, Forest Green, Mo. Badge. 163,793, July 3.
Crescendoe Gloves, Inc., assignee: *See*—
Higier, Julius A.
Crespinel, William T.: *See*—
Roos, Leonard H., and Crespinel.
Crest Silver Mfg. Co. Inc., assignee: *See*—
Shatkin, Rubin.
Creswell, David L., Pasadena, Calif. Patio table. 164,105, July 31.
Croft Rug Mills, Inc., assignee: *See*—
Goldfarb, Morris B.
Crook, William M., Houston, Tex. Towel bar bracket. 163,444, May 29.
Crook, William M., Houston, Tex. Deodorant vaporizer. 164,983, Oct. 30.
Crooker, David E., assignee: *See*—
Sprigg, Edward A.
Crosby, Stephen A., and R. B. Vail, assignors to Vail Manufacturing Company, Chicago, Ill. Stapling machine. 165,414, Dec. 18.
Crosetti, Joseph C., Jeannette, Pa. Toy clock bank with transparent container base. 162,288, Mar. 6.
Cross, Kenneth M., Monrovia, assignor to Cross Lighting Company, Los Angeles, Calif. Lighting fixture. 165,326, Dec. 4.
Cross Lighting Company, assignee: *See*—
Cross, Kenneth M.
Cross, Ralph E., Grosse Pointe Shores, Mich. Instrument panel for automatic machine tools. 163,935, July 17.
Cross, Tom E., assignor to Artistic Manufacturing Company, Des Moines, Iowa. Ash tray. 162,130, Feb. 27.
Crosse & Blackwell Company, The, assignee: *See*—
Bruns, Lawrence A.
Crotty, Annabelle P., Arlington, Va. Textile fabric or the like. 165,327, Dec. 4.
Crowle, Robert H.: *See*—
Jones, Charles E., and Crowle.
Crowle, Robert H., Berwyn, and C. E. Jones, assignors to The Harmony Company, Chicago, Ill. Ukulele. 162,521, Mar. 20.
Crown Stove Works, assignee: *See*—
Morgan, John R., and Boldt.
Crowthers, Arlis L., Los Angeles, Calif. Head covering or similar article. 165,054, Nov. 6.
Cruikshank, Virginius M., Sunbury, Pa. Floor mat. 164,627, Sept. 25.
Crystal, Max: *See*—
Braun, Samuel, and Crystal.
Culmak Limited, assignee: *See*—
Culmer, Alban R.
Culmer, Alban R., assignor to Culmak Limited, Woodbridge, England. Combined brush holder and razor blade container. 163,576, June 12.
Cummins Business Machines Corporation, assignee: *See*—
Parker, Leonard E.
Curlee, Harvey P., Raleigh, N. C., assignor to Curlee Machinery Company, Inc. Coin controlled food dispenser. 163,682, June 19.
Curlee Machinery Company, Inc., assignee: *See*—
Curlee, Harvey P.
Currence, John D., Bernardsville, and E. J. Egan, Basking Ridge, N. J. Ball point pen. 162,522, Mar. 20.
Currie, Margaret F., Manhasset, N. Y. Hair curler. 164,846, Oct. 16.
Curtis, Philip C., Scottsdale, Ariz. Table. 164,552, Sept. 18.
Curtiss Candy Company, The, assignee: *See*—
Foley, Thomas J., and Emmert.
Cushman, Gilford H., Minneapolis, Minn. Knife holder. 163,445, May 29.
Custer, Charles C., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Tire. 164,553, Sept. 18.
Cutler, Elizabeth, New York, N. Y. Dress. 161,739, Jan. 30.
Cutler, Elizabeth, New York, N. Y. Dress ensemble. 161,740, Jan. 30.
Cutler-Hammer, Inc., assignee: *See*—
Charbonneau, Allan P.
Cutter Corporation, assignee: *See*—
Shaeffer, Norbert.
Cyclelite Manufacturing Company, Inc., assignee: *See*—
Ingle, Orlando F.
Czarnikow, George K.: *See*—
Springer, Edward A., and Czarnikow.
Da Corta, Cesar P., Wakefield, Mass. Reducing lens stand. 163,373, May 22.
Daggett, Dewey E., assignee: *See*—
Pratt, Edward R.
Dahl, Arlene C., Beverly Hills, Calif. Boudoir cap. 162,714, Apr. 3.
Dailey, Donald E., Bryn Mawr, Pa. Cooking range. 163,446, May 29.
Dailey, Donald E., Evansville, Ind., assignor to Proctor Electric Company, Philadelphia, Pa. Automatic pressure cooker stand. 164,554, Sept. 18.
Dainty Maid Hosiery Co., Inc., assignee: *See*—
Belaief, Irving.
Daisy Manufacturing Company, assignee: *See*—
Wesley, Robert O.
Dale, Sheldon, assignor to Cory Corporation, Chicago, Ill. Combination grinder and dispenser for coffee and the like. 164,220, Aug. 14.
Da-Lite Screen Company, Inc., assignee: *See*—
Bernzott, Hugo, and Talbot.
Gardner, René.
Dalton, Robert A., Fairfield, Conn., assignor to Remington Rand Inc., New York, N. Y. Combined printer and drier for planographic printing plates. 162,390, Mar. 13.
D'Amato, Sadye R., Jackson Heights, N. Y. Half slip or similar article. 163,168, May 8.
Danielson, Paul F., San Marino, Calif. Sink strainer. 165,055, Nov. 6.
Dan River Mills, Incorporated, assignee: *See*—
Newton, Russell B.
Norton, Charlie L., Jr.
Danz, Ellworth R., La Salle, Ill., assignor to General Time Corporation, New York, N. Y. Clock. 162,523, Mar. 20.
Darby, Joseph J., Jr., Dallas, Tex. Electric ceramic kiln. 164,286, Aug. 21.
Darrin, Howard A., Los Angeles, Calif. Automobile. 161,430, Jan. 2.
Darrot, Paul G., Southbury, Conn., assignor to General Time Corporation, New York, N. Y. Clock. 162,391, Mar. 13.
Dartt, Thornton E., Cameron, N. Y. Display stand. 161,741, Jan. 30.
Darwin, Elizabeth, Los Angeles, Calif. Slip-type undergarment. 162,524, Mar. 20.
Darwin, Sidney, Woodbridge, N. J. Combined measuring spoons and wall plaque. 161,823, Feb. 6.
Dauenhauer, Leo E., Santa Rosa, Calif. Tape measure holder. 161,571, Jan. 9.
Daugherty, Jack, assignor to Monark Silver King, Inc., Chicago, Ill. Bicycle tank or similar article. 163,169, May 8.
Daust, Herbert, St. Louis, Mo. Infant's combined bib and bottle holder. 162,793, Apr. 10.

Davidson, Ivy C., Los Angeles, Calif. Jewelry case. 165,136, Nov. 13.
Davis, Calvin, Salinas, Calif. Container for perishable foods. 164,160, Aug. 7.
Davis, Calvin, Salinas, Calif. Cover for containers for perishable foods. 164,628, Sept. 25.
Davis, Edward M., Brooklyn, N. Y. Holder device for a handbag or similar article. 164,355, Aug. 28.
Davis, Edward M., Brooklyn, N. Y. Key holder for a handbag or the like. 165,270, Nov. 27.
Davis, Edward M., Brooklyn, N. Y. Display stand for handbag holders. 165,328, Dec. 4.
Davis, John E., Sherman Oaks, Calif., assignor to Revere Camera Company, Chicago, Ill. Motion-picture camera. 161,824, Feb. 6.
Davis, John E., Sherman Oaks, Calif., assignor to Revere Camera Company, Chicago, Ill. Camera case. 163,259, May 15.
Davis, Morrison M., Houston, Tex. Desk set support. 164,555, Sept. 18.
Davis, Robert K., Evergreen Park, assignor to Portable Electric Tools, Inc., Chicago, Ill. Portable electric drill unit. 165,415, Dec. 18.
Davis, Russell G.: *See*—
Huffaker, Robert M., Larson, Laue, Reedy, and Davis.
Davis, Thomas H., Brooklyn, N. Y. Ash tray. 162,012, Feb. 20.
Davis, William L., Prince Albert, Saskatchewan, Canada. Paper place mat. 161,572, Jan. 9.
Davis, Winifred, Los Angeles, Calif. Sectionalized teapot. 163,095, May 1.
Davison, David, Baltimore, Md. Snowball machine. 163,577, June 12.
Dawson, Carley, Washington, D. C. Dress-apron ensemble. 162,715, Apr. 3.
Day, Jack L., Hayward, Calif. Baby plate. 162,013, Feb. 20.
Day, John F., Englewood, N. J., and H. F. Maschin, assignors to The Westfield Manufacturing Company, Westfield, Mass. Bicycle tank. 163,854, July 10.
Day, John L., Grays Knob, Ky. Lamp. 163,260, May 15.
Day, John L., Jr., Portland, Oreg. Paper knife. 165,056, Nov. 6.
Day, Wilbur M.: *See*—
Chadwick, Lee S., Resek, and Day.
Millington, William, and Day.
Day-Brite Lighting, Inc., assignee: *See*—
Meyer, Carl X.
Dayton Rubber Company, The, assignee: *See*—
Hucke, Melvin L.
Dazor Manufacturing Corporation, assignee: *See*—
Mehr, Jacob A.
Dean, Walter B., Paris, France, and W. H. Chandlee, Jr., Southampton, assignors to The Budd Company, Philadelphia, Pa. Railway car. 163,512, June 5.
De Angelis, Armand, assignor to American Optical Company, Southbridge, Mass. Pair of spectacles or the like. 164,106, July 31.
Dearborn Motors Corporation, assignee: *See*—
Bailey, Harold G.
Walker, George W.
De Armond, Verle, Newark, N. J. Slider for slide fasteners. 165,366, Dec. 11.
De Bacco, Gerald: *See*—
De Bacco, John and G.
De Bacco, John, House Springs, Mo., and G. De Bacco, Baton Rouge, La. Disposable razor. 164,287, Aug. 21.
Debs Hospital Supplies, Inc., assignee: *See*—
Koenig, Anna.
De-Bug-er, Inc., assignee: *See*—
Leitch, Francis C., Kissner, Leitch, and Chapel.
De Camp, Ralph B., Torrance, Calif. Child's scooter. 161,573, Jan. 9.
Deena Products Co., assignee: *See*—
Raichel, Thomas.
De Felice, Victor, assignor to Kaskadusa Tool Company, Inc., Leominster, Mass. Earring holder. 162,392, Mar. 13.
Defiance Manufacturing Company, Inc., assignee: *See*—
Smith, George C., and Hemsing.
De Flece, Dollie A., Bronx, N. Y. Photograph holding charm. 164,356, Aug. 28.
Degner, Charles F., Boonville, Mo. Combined card box and folding canasta tray or similar article. 165,219, Nov. 20.
De Gorin, Serge, Hollywood, Calif., assignor to Coty, Inc., Wilmington, Del. Apparatus for determining the application of cosmetics. 165,137, Nov. 13.
Delafontaine, Charles: *See*—
Muller-Munk, Peter, and Delafontaine.
Delamere Company, Inc., assignee: *See*—
Todfield, Morris H.
Delavan Welding Company, Inc., assignee: *See*—
Lempke, Milford W., Gentile, and Johnson.
Del Conte, Edmund L.: *See*—
Del Conte, Mario B. and E. L.
Del Conte, Mario B., Brooklyn, and E. L. Del Conte, Richmond Hill, N. Y. Spiral olive rack. 163,096, May 1.
Del Conte, Mario B., Brooklyn, and E. L. Del Conte, Richmond Hill, N. Y. Olive rack. 163,097, May 1.
Del Riccio, Lorenzo, Los Angeles, Calif., assignor to Wide Vision Optics Inc., Chicago, Ill. Binocular. 163,855, July 10.
De Marsa, Valeria, Los Angeles, assignor to Triangle Studios, El Monte, Calif. Salt shaker or the like. 164,764, Oct. 9.
De Marsa, Valeria, Los Angeles, assignor to Triangle Studios, Elmonte, Calif. Cream pitcher or similar article. 165,271, Nov. 27.
De Marzi, Victor, Bronx, N. Y. Shaper for cutting oboe and English horn reed cane. 163,936, July 17.
Demis, Michael C.: *See*—
Killinger, John W., and Demis.
Demis, Michael C., and J. W. Killinger, Napa, Calif. Comb. 163,578, June 12.
De Mond, William, Los Angeles, Calif., assignor to Sanson Hosiery Mills, Inc., Philadelphia, Pa. Stocking. 163,579, June 12.
De Mond, William, Los Angeles, Calif., assignor to Sanson Hosiery Mills, Inc., Philadelphia, Pa. Stocking. 163,580, June 12.
De Mond, William, Los Angeles, Calif., assignor to Sanson Hosiery Mills, Inc., Philadelphia, Pa. Stocking. 163,581, June 12.
De Mond, William, Los Angeles, Calif., assignor to Sanson Hosiery Mills, Inc., Philadelphia, Pa. Stocking. 163,582, June 12.
De Mond, William, Los Angeles, Calif., assignor to Sanson Hosiery Mills, Inc., Philadelphia, Pa. Stocking. 163,583, June 12.
De Mond, William, Los Angeles, Calif., assignor to Sanson Hosiery Mills, Inc., Philadelphia, Pa. Stocking. 163,584, June 12.
De Mond, Willy, Hollywood, Calif. Lady's stocking. 164,673, Oct. 2.
De Mond, Willy, Hollywood, Calif. Lady's stocking. 164,674, Oct. 2.
De Mond, Willy, Hollywood, Calif. Lady's stocking. 164,675, Oct. 2.
De Montesquiou Fezensac, Marie J. V. P., Neuilly-S/Seine, France. Bottle. 163,937, July 17.
Dennerlein, William H.: *See*—
Schladermundt, Peter, and Dennerlein.
Denseo, Incorporated, assignee: *See*—
Brown, Ray W.
Deutschmann, Walter: *See*—
Marx, Martin, and Deutschmann.
Derby Sealers, Incorporated, assignee: *See*—
Krueger, Alfred P.
Derbyshire, William H., Miami, Fla. Adjustable shower head attachment. 161,431, Jan. 2.
Deremer, Floyd E., Detroit, assignor to Oldberg Manufacturing Company, Grand Haven, Mich. Muffler for an exhaust gas system. 165,057, Nov. 6.
Derr, Bernard A., assignor to Larsan Manufacturing Company, Columbus, Ohio. Handsaw. 162,794, Apr. 10.
Deschamps, Elie P. E., Oyonnax, France. Fertility slide rule. 165,220, Nov. 20.
Desguin, Henri, Koekelberg, and N. Sauvage, Berchem-Ste.-Agathe, assignors to Fonderies Nestor Martin, Societe Anonyme, Berchem-Brussels, Belgium. Gas range. 161,908, Feb. 13.
Desguin, Henri, Koekelberg, and N. Sauvage, Berchem-Ste.-Agathe, assignors to Fonderies Nestor Martin, Societe Anonyme, Berchem-Brussels, Belgium. Refrigerator. 163,261, May 15.
Desguin, Henri, Koekelberg, and N. Sauvage, Berchem-Ste.-Agathe, assignors to Fonderies Nestor Martin, Societe Anonyme, Berchem-Brussels, Belgium. Gas table stove. 164,676, Oct.2.
Deskey, Donald, New York, N. Y., assignor to The Procter & Gamble Company, Cincinnati, Ohio. Bottle. 161,825, Feb. 6.
Deslauriers, Marguerite, Montreal, Quebec, Canada. Bonnet or the like. 162,014, Feb. 20.
Despres, Jean, assignor to Coty, Inc., New York, N. Y. Combined perfume bottle and holder therefor or similar article. 164,765, Oct. 9.
De Tar, Donald R., Stratford, assignor, by mesne assignments, to Winchester Electronics, Incorporated, Glenbrook, Conn. Electrical connector. 162,795, Apr. 10.
Deutsch, Simon, Miami Beach, Fla. Adjustable couch chair. 161,574, Jan. 9.
Deutsch, Simon, Miami Beach, Fla. Adjustable metal couch chair. 165,058, Nov. 6.
Devay, Emeric, New York, N. Y. Pair of visored spectacles. 161,575, Jan. 9.
De Veaux, Yvonne, New York, N. Y. Fabric or similar flat surface material. 164,221, Aug. 14.
De Veaux, Yvonne, New York, N. Y. Fabric or similar flat surface material. 164,222, Aug. 14.
De Veaux, Yvonne, New York, N. Y. Fabric or similar flat surface material. 164,223, Aug. 14.
Development Research, Inc., assignee: *See*—
Soffer, Jack W.
Devitt, William J., assignor to Identatray Corporation, New York, N. Y. Serving tray. 162,632, Mar. 27.
De Vore, Peter W., Long Island City, N. Y. Combined window squeegee and mop holder or similar article. 163,585, June 12.
Devorn, Arthur C., Cleveland, assignor to National Ring & Leather Corporation, Mansfield, Ohio. Merchandise display device. 161,432, Jan. 2.
De Vry, Albert G., Chicago, Ill. Photograph record book. 162,525, Mar. 20.

De Vry Corporation, assignee: *See*—
De Vry, William C.
De Vry, William C., assignor to De Vry Corporation, Chicago, Ill. Combined portable motion-picture projecting machine and carrying case therefor. 164,288, Aug. 21.
De Vry, William C., assignor to De Vry Corporation, Chicago, Ill. Amplifier. 164,289, Aug. 21.
Dexter, Herbert L., Philadelphia, Pa. Puppet. 161,433, Jan. 2.
Dey, John A., Miami, Fla. School safety traffic sign. 164,409, Sept. 4.
Di Addario, Thomas D., Buffalo, N. Y. Clockface. 163,856, July 10.
Dial-Writer Company, The, assignee: *See*—
Hertz, Henry C.
Diamond, Jack, assignor to Helbros Watch Company, Inc., New York, N. Y. Watch. 163,098, May 1.
Diamond, Louis J., Los Angeles, Calif. Vehicle lamp housing or similar article. 162,631, Mar. 27.
Di Camillo, Dominic A., Fairfield, Conn. Toy money bank. 164,224, Aug. 14.
Dickey, Paul S., East Cleveland, and H. H. Gorrie, Cleveland Heights, Ohio, assignors to Bailey Meter Company. Indicating instrument. 165,416, Dec. 18.
Dickson, Dorothy V., Pennside, assignor to Millway Knitting Mills, Inc., Millway, Pa. Stocking. 162,716, Apr. 3.
Dickson, Dorothy V., Pennside, assignor to Millway Knitting Mill, Inc., Millway, Pa. Stocking. 162,717, Apr. 3.
Dictaphone Corporation, assignee: *See*—
Lapteff, Alexis V.
Dictograph Products Company, Inc., assignee: *See*—
Metzler, Charles L.
Metzler, Charles L., and Wark.
Nicholides, Emmanuel C., and Metzler.
Diebenkorn, Richard C., Atherton, assignor to Dohrmann Hotel Supply Co., San Francisco, Calif. Cup or similar article. 162,289, Mar. 6.
Dieterich, Richard E., Long Beach, Ind. Automobile visor roof mount bracket. 164,410, Sept. 4.
Dieterich, Richard E., Long Beach, Ind. Pillar mounting bracket for automobile visor. 165,138, Nov. 13.
Dilena, Frank, San Francisco, Calif. Dish. 163,262, May 15.
Di Matteo, Peter: *See*—
Lichtenstein, Nathan, and Di Matteo.
Dingeldein, Otto, assignor to American Automobile Insurance Company, St. Louis, Mo. Combined calendar stand and desk receptacle unit. 163,586, June 12.
Dinhofer, Milton, New York, N. Y. Drinking straw. 163,099, May 1.
Dinhofer, Milton, New York, N. Y. Drinking straw. 163,100, May 1.
Dinhofer, Milton, New York, N. Y. Drinking straw. 163,101, May 1.
Dioguardi, John, Brooklyn, N. Y. Combination humidifier and artificial flower holder. 165,272, Nov. 27.
Discount, Bernard, Jamaica, N. Y. Rotary file. 162,015, Feb. 20.
Display Advertising Corporation, assignee: *See*—
Glass, George.
Ditto, Arthur, Roslindale, assignor, by mesne assignments, to Marine Optical Manufacturing Co., Boston, Mass. Semirimless spectacle frame. 163,374, May 22.
Ditto, Incorporated, assignee: *See*—
Painter, David L.
Palma, Joseph, Jr.
Dixon, Charles S., Oakland, Calif. Lifting tongs. 165,221, Nov. 20.
Dixon, Harry W., Jr. Lewiston, Maine. Ring. 161,434, Jan. 2.
Dixon, Robert C., Idaho Springs, Colo. Ash tray. 162,937, Apr. 17.
Doall Company, The, assignee: *See*—
Crane, Robert L.
Doblin, Joseph W.: *See*—
Rogers, Bruce A., and Doblin.
Doblin, Joseph W., New York, N. Y. Basket hand broiler. 164,107, July 31.
Dodd, Charles E., and L. Scusa, Phoenix, N. Y. Holder for hexagonal wrenches. 163,263, May 15.
Dobbs, Frank G. and S. H., New York, N. Y. Wallet or similar article. 163,745, June 26.
Dobbs, Frank G. and S. H., New York, N. Y. Wallet or similar article. 163,746, June 26.
Dobbs, Frank G. and S. H., New York, N. Y. Wallet or similar article. 163,747, June 26.
Dobbs, Frank G. and S. H., New York, N. Y. Wallet or similar article. 163,748, June 26.
Dobbs, Stephan H.: *See*—
Dobbs, Frank G. and S. H.
Doehler-Jarvis Corporation, assignee: *See*—
Johnston, Kenneth H.
Dodge, Incorporated, assignee: *See*—
Dodge, Ray E.
Dodge, Ray E., Miami, Fla., assignor to Dodge, Incorporated, Chicago, Ill. Trophy or similar article. 164,357, Aug. 28.
Dodson, Loyd O., Los Angeles, Calif., assignor to Vogue Rubber Company, Chicago, Ill. Automobile tire. 162,131, Feb. 27.
Doering, Charles and H., Chicago, Ill. Continuous processing machine for butter, margarine, or similar article. 165,059, Nov. 6.
Doering, Henry: *See*—
Doering, Charles and H.
Dohrmann, Bruce, assignor to Dohrmann Hotel Supply Co., San Francisco, Calif. Adjustable table leg. 164,984, Oct. 30.
Dohrmann Hotel Supply Co., assignee: *See*—
Diebenkorn, Richard C.
Dohrmann, Bruce.
Dokus, Adrienne B. J. and J. I., Newark, N. J. Shrine. 161,742, Jan. 30.
Dokus, John I.: *See*—
Dokus, Adrienne B. J. and J. I.
Dole, Doran R., Russell, Kans. Stepladder. 162,132, Feb. 27.
Dolton, Jean B., Hazardville, Conn. Jewelled ear muff. 163,102, May 1.
Doman, Donald W.: *See*—
Girardy, Alfred B., Doman, and Meyers.
Haman, Ralph W., Girardy, and Doman.
Donaldson, James E., Chicago, Ill. Sheet of wrapping paper or the like. 162,290, Mar. 6.
Donaldson, James E., Chicago, Ill. Towel support. 162,393, Mar. 13.
Donaldson, James E., Chicago, Ill. Stirring and beating spoon. 163,028, Apr. 24.
Donaldson, James E., Chicago, Ill. Holder for stockings and lingerie. 164,290, Aug. 21.
Donkin, William H., Ealing, London, England. Adhesive tape dispenser. 164,556, Sept. 18.
Do-Nut Dinette, Incorporated, assignee: *See*—
Berryhill, Allen M.
Doolittle, Tilton E., Hamden, assignor to The Andrew B. Hendryx Company, New Haven, Conn. Cockateel cage. 162,016, Feb. 20.
Dopera, Rudolph, Los Angeles, Calif. Sugar bowl or similar article. 162,938, Apr. 17.
Doram, Tony M., Baltimore, Md. Building. 165,060, Nov. 6.
Dorey, George B., Westmont, Quebec, Canada, assignor to Enterprise Railway Equipment Company, Chicago, Ill. Head for gate operating mechanism for hopper cars. 162,133, Feb. 27.
Dormeyer Corporation, assignee: *See*—
Morgan, Jack.
Dorn, Walter, Seattle, Wash. Child's toy. 162,796, Apr. 10.
Dost, Emil F. P., Blackwood, N. J., assignor to Janedale Hosiery Mills, Inc., Philadelphia, Pa. Stocking. 162,718, Apr. 3.
Dostalek, Frank, Erie, Pa. Fish bowl. 164,480, Sept. 11.
Doughboy Industries, Inc., assignee: *See*—
Drury, Richard C.
Douglas Aircraft Company, Inc., assignee: *See*—
Whittier, Wilmot L.
Douglas, Leon L., Glenside, Pa., assignor to Kellett Aircraft Corporation. Helicopter. 163,938, July 17.
Dowell, George D., assignor to Hanes Hosiery Mills Company, Winston-Salem, N. C. Stocking. 162,134, Feb. 27.
Dowell, George D., assignor to Hanes Hosiery Mills Company, Winston-Salem, N. C. Lady's stocking. 164,411, Sept. 4.
Downs, Alfred B., Jr., Columbus, Miss. Perpetual calendar. 164,557, Sept. 18.
Doyle, Charles J., assignee: *See*—
Sliwinski, Eugene T.
Doyle, Joel G., assignor to RPM Manufacturing Company, Kansas City, Mo. Rotary mower housing. 164,108, July 31.
Drewitz, Edwin, assignor to Metropolitan Electric Mfg. Co., Long Island City, N. Y. Operating handle. 163,264, May 15.
Drewitz, Edwin, assignor to Metropolitan Electric Mfg. Co., Long Island City, N. Y. Switch panel. 163,447, May 29.
Drews, Millesan, Los Angeles, Calif. Planter or the like. 163,103, May 1.
Dreyfuss, Henry, New York, N. Y., assignor to The Hoover Company, North Canton, Ohio. Surface cleaning nozzle for a suction cleaner or similar article. 161,681, Jan. 23.
Dreyfuss, Henry, New York, N. Y., assignor to The Hoover Company, North Canton, Ohio. Suction cleaner casing. 162,633, Mar. 27.
Dreyfus, Henry, Pasadena, Calif., assignor to Timefax Corporation, New York, N. Y. Electric copying machine. 163,104, May 1.
Dreyfuss, Henry, New York, N. Y., assignor to The Hoover Company, North Canton, Ohio. Suction cleaner casing. 163,265, May 15.
Dreyfuss, Henry, New York, N. Y., assignor to The Hoover Company, North Canton, Ohio. Handle bail for a suction cleaner or similar article. 165,329, Dec. 4.
Driggs, Ivan H.: *See*—
Lynn, Bernard S., and Driggs.
Drissner, Alfred E., Cleveland, Ohio, assignor to The National Acme Company. Single spindle automatic chucking machine. 162,939, Apr. 17.

Dronoff, Jean, Watertown, Conn. Shoe. 164,847, Oct. 16.
Dronge, Alfred, New York, N. Y. Grille for an accordion or similar article. 163,992, July 24.
Drury, Richard C., assignor to Doughboy Industries, Inc., New Richmond, Wis. Inflatable toy animal figure. 162,940, Apr. 17.
Dubinetz, George G., and R. C. Morris, Chicago, Ill., said Dubinetz assignor to said Morris. Combined pad and pencil holder or similar article. 162,797, Apr. 10.
Dubner, Harry J., Forest Hills, assignor to Garden Foundations, Inc., New York, N. Y. Brassière. 161,615, Jan. 16.
Dubner, Harry J., Forest Hills, assignor to Garden Foundations, Inc., New York, N. Y. Brassière. 161,616, Jan. 16.
Du Bois, Arthur E., Fort Lauderdale, Fla. Soap holder. 162,634, Mar. 27.
Dubsky, Arthur, New York, N. Y., assignor to Austam Manufacturing Corp. Cigarette lighter. 162,635, Mar. 27.
Dubsky, Arthur, New York, N. Y., assignor to Austam Manufacturing Corp. Cigarette lighter. 165,417, Dec. 18.
Duchess Hosiery Mills, assignee: *See*—
Biehl, Charles B.
Duda, John V., Chicago, Ill. Warning sign. 163,794, July 3.
Duer, Frederick L., Bellwood, Ill. Chair frame. 164,291, Aug. 21.
Duer, Frederick L., Bellwood, Ill. Tubular metal table base. 165,139, Nov. 13.
Duke, Douglas, Rochester, N. Y. Piano organ. 161,909, Feb. 13.
Dululio, Dominic P., Leominster, Mass. Combination earring and ring rack. 163,266, May 15.
Du Mont, Allen B., Laboratories, Inc., assignee: *See*—
Spooner, Lee I.
Dunbar, James H., Jr., Geneva, Ill., and C. E. Hodgman, Tuckahoe, N. Y. Clock. 162,135, Feb. 27.
Duncan, Arthur D., Los Angeles, assignor to Capital Records, Inc., Hollyood, Calif. Display stand. 162,291, Mar. 6.
Duncan, Donald F., Inc., assignee: *See*—
Heyes, Douglas.
Dunham, Thomas M., assignor to Aurora Equipment Company, Aurora, Ill. Bench or similar article. 164,225, Aug. 14.
Dunlap, Richard J., Colorado Springs, Colo. Combined table and cabinet. 165,273, Nov. 27.
Dunlop Tire and Rubber Corporation, assignee: *See*—
Hardeman, William E.
Parker, Samuel C.
Dunn, Henry M., and D. Oles, assignors to Choldun Manufacturing Corporation, New Haven, Conn. Apparatus for cleaning automobile radiators and the like. 161,910, Feb. 13.
Dunn, Henry M., and D. Oles, assignors to Choldun Manufacturing Corporation, New Haven, Conn. Oil-changing apparatus for automobiles and the like. 163,749, June 26.
Dunphy, John E., Boston, and J. S. Mulvey, Acton, Mass. Display device. 162,017, Feb. 20.
Du Pont, E. I., de Nemours and Company: *See*—
Bullard, Edgar E.
Kahn, Lester.
Person, Earl R.
Rosedale, Max.
Du Pree, Ernest L., Old Greenwich, Conn., assignor to Schenley Industries, Inc., New York, N. Y. Decanter bottle. 164,677, Oct. 2.
Du Pree, Ernest L., Old Greenwich, Conn., assignor to Schenley Industries, Inc., New York, N. Y. Decanter bottle. 164,678, Oct. 2.
Durgin, Chester R., Quincy, assignor to Mid-Century Company, Leominster, Mass. Cribbage board. 164,766, Oct. 9.
Duro Chrome Corporation, assignee: *See*—
Michelson, Lawrence M.
Dusek, Robert: *See*—
Budlane, Stanley J., and Dusek.
Dvonch, Louis A., Chicago, Ill. Baby's nursing bottle or similar article. 165,274, Nov. 27.
Dzaman, Gabriel, Trenton, N. J. Cigar and cigarette lighter. 161,682, Jan. 23.
E. A. Laboratories, Inc., assignee: *See*—
Hutcheson, Ray R.
Earl, Harley J., Grosse Pointe Farms, assignor to General Motors Corporation, Detroit, Mich. Automobile. 162,136, Feb. 27.
Earl, Harley J., Grosse Pointe Farms, assignor to General Motors Corporation, Detroit, Mich. Automobile. 162,137, Feb. 27.
Earl, Harley J., Grosse Pointe Farms, assignor to General Motors Corporation, Detroit, Mich. Automobile. 162,138, Feb. 27.
Eash, Edwin, Elkhart, Ind. Woodwind musical instrument. 163,993, July 24.
Easley, John M., Abilene, Tex. Massage device. 164,558, Sept. 18.
Eastman Kodak Company, assignee: *See*—
Aydlett, Guy D.
Crapsey, Arthur H., Jr.
Knowles, Frederick G.
Reddig, James C., and Van Dyck.
Van Dyck, Kenneth A.
Wittel, Otto, and Knowles.
Eastman, Nikki, Port Chester, N. Y. Safety razor holder. 163,795, July 3.
Ebbott, Elizabeth C., New York, N. Y. Mold for ice cube or the like. 162,798, Apr. 10.
Eckert, George E., assignor to Moe Light, Inc., Fort Atkinson, Wis. Window valance. 162,292, Mar. 6.
Eckert, George E., assignor to Moe Brothers Manufacturing Company, Fort Atkinson, Wis. Cabinet with bracket lights. 163,448, May 29.
Eckert, George E., assignor to Moe Light, Inc., Fort Atkinson, Wis. Window valance. 165,515, Dec. 25.
Eddleman, John M., Fort Worth, Tex., and G. V. Phillips, Denver, Colo. Auto vanity case. 163,587, June 12.
Edelblute, Thomas H., Reynoldsville, assignor to Campbell Chain Company, York, Pa. Stop block. 164,848, Oct. 16.
Edelmann, E., & Company, assignee: *See*—
Edelmann, Robert B.
Edelmann, Robert B., assignor to E. Edelmann & Company, Chicago, Ill. Battery service kit. 164,903, Oct. 23.
Edgar Fabrics, Inc., assignee: *See*—
Meek, William J.
Edgemond, John W., Jr., Los Altos, and E. W. Carroll, Redwood City, assignors to Catz and Weir, San Francisco, Calif. Ticket dispenser. 164,412, Sept. 4.
Edwards, Niles J. G.: *See*—
Sherrod, Tom W., and Edwards.
Egan, Edward J.: *See*—
Currence, John D., and Egan.
Eging, Henry B., Shaker Heights, Ohio. Perambulator. 165,367, Dec. 11.
Eging, Henry B., Shaker Heights, Ohio. Wheeled carrier. 165,516, Dec. 25.
Ehlert, Frederick W.: *See*—
Marquis, Joseph D., and Ehlert.
Ehrenfeld, Paul E., Ashtabula, Ohio. Bird feeder. 162,139, Feb. 27.
Ehrman, Clarence D., Petersburg, Va. Combined denture brush, scraper, and powder adapter. 162,941, Apr. 17.
Eibetz, Stanley R., Malverne, N. Y. Peg bench or the like. 163,170, May 8.
Eickemeyer, Ludwig, Union, N. J. Clockcase. 165,222, Nov. 20.
Eickemeyer, Ludwig, Union, N. J. Clockcase. 165,223, Nov. 20.
Eichenbaum, Herman, Rockville Centre, N. Y. Umbrella. 165,061, Nov. 6.
Eiseman, Frederick B., Clayton, Mo. Adjustable chair. 163,449, May 29.
Eisenberg, Arthur A., assignor to National Silver Company, New York, N. Y. Combined container and tray for table flatware. 164,985, Oct. 30.
Eitelberg, Henry A., Brooklyn, N. Y. Electric oil sterilizer. 165,224, Nov. 20.
Ekco Products Company, assignee: *See*—
Hvale, James L.
Lueneburg, Walter C.
Wagner, Franz.
Ekstrom, A. I., Rockford, Ill. Sewing cabinet. 165,418, Dec. 18.
Electra Motors, Inc., assignee: *See*—
Palm, Bernhard N.
Electrolux Corporation, assignee: *See*—
Wahlberg, Eric C., and Moughty.
Elias, Solomon, New York, N. Y. Blouse or the like. 164,559, Sept. 18.
Eljer Co., assignee: *See*—
Gulick, David E.
Muller-Munk, Peter.
Ellena Brothers, assignee: *See*—
Ellena, John B.
Ellena, John B., assignor to Ellena Brothers, Etiwanda, Calif. Bottle. 163,105, May 1.
Elliott Manufacturing Company, assignee: *See*—
Elliott, Winfred W.
Elliott, Winfred W., Johnson City, assignor, by mesne assignments, to Elliott Manufacturing Company, Binghamton, N. Y. Flexible shaft driving head. 162,799, Apr. 10.
Ellis, Charles A., assignor to American Optical Company, Southbridge, Mass. Lens testing instrument. 162,800, Apr. 10.
Ellis, Charles A., assignor to American Optical Company, Southbridge, Mass. Front for goggles. 162,801, Apr. 10.
Ellis, Charles A., assignor to American Optical Company, Southbridge, Mass. Facepiece for a goggle or the like. 162,802, Apr. 10.
Ellis, Charles A., assignor to American Optical Company, Southbridge, Mass. Eye testing device. 164,109, July 31.
Ellis, Ellis F., Akron, assignor to Coventry Ware, Inc., Barberton, Ohio. Condiment shaker. 161,683, Jan. 23.

Ellis, Ellis F., Akron, assignor to Coventry Ware, Inc., Barberton, Ohio. Container for wick-holding bottle. 164,481, Sept. 11.
Ellis, George L., Lawndale, Calif. Bathroom utility holder. 162,636, Mar. 27.
Ellison, George W., Baltimore, Md. Combined artificial flower, pot, and plant stem ornament. 164,560, Sept. 18.
Ellmore Silver Company, Inc., The, assignee: *See*—
Lipman, Isadore A.
Elsebusch, Otto: *See*—
Gates, Earl F., and Elsebusch.
Elsinger, Louis S., Atlanta, Ga. Combination dog collar and leash attaching means. 163,375, May 22.
Emmert, George W.: *See*—
Foley, Thomas J., and Emmert.
Emmert, George W., assignor to Federal Premium Service Corporation, Chicago, Ill. Powder can holder or similar article. 162,942, Apr. 17.
Emmons, Arthur N., Nedrow, assignor to Porter-Cable Machine Company, Syracuse, N. Y. Portable power-operated sanding machine. 164,904, Oct. 23.
Emmons, Arthur N., and J. P. Bruck, Nedrow, assignors to Porter-Cable Machine Company, Syracuse, N. Y. Power-operated hedge shear. 163,588, June 12.
Emmons, Arthur N., Nedrow, N. Y., and P. Müller-Munk, Pittsburgh, Pa., assignors to Porter-Cable Machine Company, Syracuse, N. Y. Portable electric hand saw. 165,062, Nov. 6.
Empire Products, Inc., assignee: *See*—
Bollman, Roland R., and Getgey.
Emro Manufacturing Company, Incorporated, assignee: *See*—
Pessina, Joseph G.
Engardio, Pedro: *See*—
Atino, Edward, and Engardio.
Engel, Ernst, New York, N. Y. Ski suit. 162,140, Feb. 27.
Engineering Service, Inc., assignee: *See*—
Gierlich, Florian E.
Ens, Emil J.: *See*—
Magnus, Finn H., and Ens.
Ensign, Robert H.: *See*—
Teague, Walter D., and Ensign.
Enterprise Aluminum Company, assignee: *See*—
Lewis, Thomas W.
Enterprise Railway Equipment Company, assignee: *See*—
Dorey, George B.
Ercolino, Michael D., Wanamassa, N. J. Television antenna. 162,526, Mar. 20.
Ercolino, Michael D., Wanamassa, N. J. Television antenna. 162,527, Mar. 20.
Ercolino, Michael D., Wanamassa, N. J. Television antenna. 162,528, Mar. 20.
Erickson, C. E., Co., Inc., assignee: *See*—
Erickson, Ernest R.
Erickson, Charlotte: *See*—
Erickson, Lennart G. and C.
Erickson, Ernest R., assignor to C. E. Erickson Co., Inc., Des Moines, Iowa. Display fixture. 165,063, Nov. 6.
Erickson, Fred E., and L. K. Roe, Sacramento, Calif., said Roe assignor to said Erickson. Combination question machine and napkin dispenser. 163,171, May 8.
Erickson, Lennart G. and C., Hillsborough, Calif. Table or similar article. 163,029, Apr. 24.
Erie City Manufacturing Company, assignee: *See*—
Adams, Wilbur H.
Erisman, William F., Greenfield, Mass., assignor to Erving Paper Mills. Embossed paper napkin or the like. 164,561, Sept. 18.
Ernst, W. Arthur, Racine, Wis. Beverage mixing spindle. 161,576, Jan. 9.
Ernst, W. Arthur, Racine, Wis. Single base triple beverage mixer. 161,577, Jan. 9.
Ernst, W. Arthur, Racine, Wis. Drink mixer. 163,376, May 22.
Ernst, Walter L., Ann Arbor, Mich. Illuminable sign. 162,637, Mar. 27.
Erving Paper Mills, assignee: *See*—
Erisman, William F.
Gould, Ruth.
Housen, Morris.
Essex Rubber Company, assignee: *See*—
Oakley, Laurence M.
Estfan, George T., Wichita, Kans. Power knife sharpener. 162,394, Mar. 13.
Etkin, Simon, New York, N. Y. Jacket. 163,450, May 29.
Etkin, Simon, New York, N. Y. Jacket. 163,796, July 3.
Ettelbrick, Nicholas, Greenup, Ill. Sandal. 161,743, Jan. 30.
Etten, Nicholas L., Cedar Falls, Iowa. Awning or similar article. 163,939, July 17.
Etten, Nicholas L., Cedar Falls, Iowa. Awning or similar article. 165,064, Nov. 6.
Euclid Road Machinery Co., The, assignee: *See*—
Armington, Stewart F., and Adams.
Evans Case Co., assignee: *See*—
Herdecker, Carl.
Reilly, Alfred F.
Reilly, William J.
Evans, Isaac, Shaker Heights, assignor to The Master Mechanics Co., Cleveland, Ohio. Medallion. 161,435, Jan. 2.
Evans, Trina A., Philadelphia, Pa. Shoe tree or the like. 163,106, May 1.
Eveleigh-de-Moleyns, Francis A. I., London, England. 162,529, Mar. 20.
Everedy Company, The, assignee: *See*—
Lebherz, Harry J.
Everlast Metal Products Corp., assignee: *See*—
Schnitzer, Louis M.
Everston, Joseph H., Los Angeles, Calif. Child's shoe. 164,482, Sept. 11.
Evert, Orville F., San Francisco, Calif. Beverage dispenser. 161,684, Jan. 23.
Evins, Inc., assignee: *See*—
Levin, David E.
Excel Auto Radiator Company, assignee: *See*—
Lustig, Frank.
FR Corporation, The, assignee: *See*—
Barth, Robert M.
F-R Machine Works, assignee: *See*—
Hollstein, Oswald C.
Faber, Jean, Flushing, N. Y. Hand painted ribbon tie or the like. 165,275, Nov. 27.
Faber, John P., Dunellen, assignor to Muller Machinery Company, Inc., Metuchen, N. J. Concrete mixer or analogous article. 164,358, Aug. 28.
Fabricmart Corporation, The, assignee: *See*—
Zavell, Arnold.
Fachon, Emil E., Edgewood, R. I., assignor to Bulova Watch Company, Inc., New York, N. Y. Expansible link chain for a bracelet or the like. 165,276, Nov. 27.
Fachon, Emil E., Edgewood, R. I., assignor to Bulova Watch Company, New York, N. Y. Expansible link chain for a bracelet or the like. 165,517, Dec. 25.
Factor, Max, & Co., assignee: *See*—
Crane, Walton B.
Faeder, Jack P., Beverly Hills, Calif. Sewing material holder. 161,617, Jan. 16.
Fairbanks, Morse & Co., assignee: *See*—
Ridenour, Seldon S.
Fairweather, John R., Collingswood, N. J. Automobile service rack. 163,994, July 24.
Falls, John J., assignor to The Standard Electrical Tool Company, Cincinnati, Ohio. Twin-wheel tool grinder. 165,419, Dec. 18.
Faltin, Hans G., York, Pa. Traffic light indicator. 164,849, Oct. 16.
Farber, Alfred: *See*—
Schieder, Karl, and Farber.
Fargo, Loren K., St. Paul, Minn. Combined dial and hands for a clock or similar article. 163,797, July 3.
Fargo, Loren K., St. Paul, Minn. Combined dial and hands for a clock or similar article. 163,798, July 3.
Faries Manufacturing Company, assignee: *See*—
Laystrom, Carl A., and Sigler.
Farnham, Eli A., Edgerton, Ohio. Combined wall desk and magazine rack. 161,578, Jan. 9.
Fass, Samuel, Brooklyn, N. Y. Combined watch bracelet and watch. 163,451, May 29.
Fastener Corporation, assignee: *See*—
Imelmann, Henry L.
Faulconer, Loretta M.: *See*—
Yankee, Hazel R., and Faulconer.
Fauser, Herbert J., Hammond, Ind. Automobile visor. 161,436, Jan. 2.
Fawick Flexi-Grip Company, assignee: *See*—
Karns, James A.
Feaster, Glenn, Youngstown, Ohio. Automobile hood ornament. 162,141, Feb. 27.
Feder, William M., New York, N. Y. Embossed plastic sheet or similar article. 162,395, Mar. 13.
Feder, William M., New York, N. Y. Embossed plastic sheet or similar article. 162,719, Apr. 3.
Feder, William M., New York, N. Y. Embossed plastic sheet or similar article. 162,720, Apr. 3.
Feder, William M., New York, N. Y., assignor to Hedwin Corporation. Place mat or similar article. 164,226, Aug. 14.
Feder, William M., New York, N. Y., assignor to Hedwin Corporation. Place mat or similar article. 164,292, Aug. 21.
Federal Premium Service Corporation, assignee: *See*—
Emmert, George W.
Feinberg, Theodore L., Chicago, Ill. Wall plaque for salt and pepper shakers. 164,562, Sept. 18.
Feins, Natalie de L., Beverly Hills, Calif. Pair of sunglasses. 162,803, Apr. 10.
Feinstein, Morris A., Chicago, Ill. Deep fat frier. 164,359, Aug. 28.
Feintuch, Max: *See*—
Jay, Benjamin F., and Feintuch.
Feintuch, Rose, New York, N. Y. Dress. 162,943, Apr. 17.
Feintuch, Rose, New York, N. Y. Dress. 164,905, Oct. 23.
Feintuch, Rose, New York, N. Y. Dress. 164,906, Oct. 23.
Feintuch, Rose, New York, N. Y. Dress. 164,907, Oct. 23.
Feldman, Abraham G., assignor to Storkline Furniture Corporation, Chicago, Ill. Infant's crib. 161,744, Jan. 30.
Feldman, Abraham G., assignor to Storkline Furniture Corporation, Chicago, Ill. Infant's crib. 162,804, Apr. 10.

Feldman, Abraham G., assignor to Storkline Furniture Corporation, Chicago, Ill. Infant's crib. 164,679, Oct. 2.
Feldman, Abraham G., assignor to Storkline Furniture Corporation, Chicago, Ill. Infant's crib. 164,680, Oct. 2.
Feldman, Abraham G., assignor to Storkline Furniture Corporation, Chicago, Ill. Infant's crib. 164,681, Oct. 2.
Feldman, Herman, Forest Hills, N. Y. Combined coaster and drinking straw holder. 162,638, Mar. 27.
Feldman, Joseph, New York, N. Y. Combined topper and coat. 162,142, Feb. 27.
Feldman, Louis, New York, N. Y. Aquarium unit. 163,377, May 22.
Felker, Lloyd, assignee: *See*—
Sprigg, Edward A.
Fels, Jerry, Los Angeles, Calif. Bracelet or similar article. 164,629, Sept. 25.
Felt, Paul W., assignor to Brown & Bigelow, St. Paul, Minn. Cigarette lighter. 161,911, Feb. 13.
Fender, Clarence L., Fullerton, Calif. Guitar. 164,227, Aug. 14.
Ferar, Montgomery: *See*—
Sundberg, Carl W., and Ferar.
Ferar, Montgomery, Detroit, Mich., assignor to Seeger Refrigerator Company, St. Paul, Minn. Refrigerator door. 164,850, Oct. 16.
Ferber Corporation, assignee: *See*—
Ferber, Fred.
Ferber, Fred, Englewood, N. J. Ball point pen. 161,826, Feb. 6.
Ferber, Fred, assignor to Ferber Corporation, Englewood, N. J. Ball point pen. 162,805, Apr. 10.
Ferguson, Alan C., and A. J. La Croix, assignors to Hyde Manufacturing Company, Southbridge, Mass. Straightedge. 162,396, Mar. 13.
Ferguson, Roy A., Santa Monica, Calif. Make-up mirror. 161,618, Jan. 16.
Ferrara, Philip: *See*—
Moss, Leo, and Ferrara.
Ferraro, Frank, Baltimore, Md. Perfume bottle. 162,721, Apr. 3.
Ferrato, Aldo, Pittsburgh, Pa. Gummed label dispenser. 163,683, June 19.
Fiala, Joseph R., Berwyn, Ill. Stamp gauge. 163,030, Apr. 24.
Field, Carolina A., New York, N. Y. Combined pair of spectacles and safety chain therefor. 164,228, Aug. 14.
Fields, Herbert P., and B. Kucinski, Chicago, Ill. Electrically operated window ventilator. 162,143, Feb. 27.
Filo, Joseph F., Jr., Bridgeport, Conn. Line guide for fishing rods. 163,172, May 8.
Finberg, Louis B., Wilmington, N. C. Trolling fish lure. 162,018, Feb. 20.
Finch, Leonard E., assignor to West Bend Aluminum Co., West Bend, Wis. 164,413, Sept. 4.
Fink, Milton, Kewgarden Hills, N. Y. Deodorant holder or the like. 165,518, Dec. 25.
Fink, Phil J., San Francisco, Calif., assignor to American Chicle Company, Long Island City, N. Y. Display rack. 162,397, Mar. 13.
Fiorf, Irving, assignor to Art Specialty Co., Chicago, Ill. Base for lamps, stands, and the like. 161,437, Jan. 2.
Fiori, Irving, assignor to Art Specialty Co., Chicago, Ill. Adjustable fluorescent lamp. 162,639, Mar. 27.
Firanzi, Jack H., San Jose, Calif. Milk carton holder. 163,995, July 24.
Fischer, George I., San Francisco, Calif. Baseball clown doll. 164,161, Aug. 7.
Fisher, Bruce & Company, assignee: *See*—
Muench, Toni O.
Fisher, Manning, New York, N. Y. Lamp or similar article. 163,173, May 8.
Fisher, Norman A., assignee: *See*—
Joyce, James B.
Fisher-Price Toys, Inc., assignee: *See*—
Seyfarth, Frederick E.
Fitz Gerald, Harold G., Los Angeles, Calif. Projecting apparatus. 161,685, Jan. 23.
Fitz Gerald, Harold G., Los Angeles, Calif. Projector. 164,293, Aug. 21.
Fitzgerald, Maurice F., assignor to Son-Chief Electrics, Incorporated, Winsted, Conn. Electric toaster. 161,827, Feb. 6.
Fitzgerald, Robert H.: *See*—
Yecko, Albert S., and Fitzgerald.
Fitzpatrick Industries, Inc., assignee: *See*—
White, Allan T., and Bulone.
Flajole, William J., Detroit, Mich. Automobile headlight protector. 162,944, Apr. 17.
Flamm, Alexander L., West Orange, assignor to Ronson Art Metal Works, Inc., Newark, N. J. Cigar lighter or similar article. 163,267, May 15.
Flannery, Marian A., North St. Paul, Minn., assignor to Bankers Box Company, Chicago, Ill. Copyholder. 164,483, Sept. 11.
Flater, Anders H. and R. H., Evanston, assignors to Anro Products Company, Inc., Chicago, Ill. Fountain brush. 165,368, Dec. 11.
Flater, Roald H.: *See*—
Flater, Anders H. and R. H.
Flato, Paul E., New York, N. Y. Compact. 162,640, Mar. 27.
Flato, Paul E., New York, N. Y. Combined compact, keyholder, and key, or similar article. 163,107, May 1.
Flato, Paul, Sales Corporation, assignee: *See*—
Sternberg, Joseph.
Fleisig, Charles, New York, N. Y. Head and back rest for chairs and beaches, with flaps. 165,330, Dec. 4.
Fleming, Jack F., Summit, N. J., assignor to Lewyt Corporation, Brooklyn, N. Y. Carpet sweeper casing or similar article. 163,750, June 26.
Fleming, Jack F., Yonkers, N. Y., assignor to Sterling Plastics Company, Union, N. J. Canister tray. 164,767, Oct. 9.
Fleming, Jack F., Yonkers, N. Y., assignor to Sterling Plastics Company, Union, N. J. Pouring canister. 165,140, Nov. 13.
Fleming, Mary P.: *See*—
Allen, Grosvenor N., Ressegger, and Fleming.
Fleming, Mary P., Newark, N. J., assignor to Oneida Ltd., Oneida, N. Y. Spoon or similar article. 161,745, Jan. 30.
Flesher, Thomas R., McAlester, Okla. Ray director for headlights. 163,174, May 8.
Fletcher Aviation Corp., assignee: *See*—
Thorp, John W.
Fleuridas, André, Westport, Conn., assignor to Mazer Bros., Inc. Necklace or similar article. 163,799, July 3.
Flex-Let Corporation, assignee: *See*—
Vastano, Joseph J.
Bazner, Eugene.
Flex-O-Glass, Inc., assignee: *See*—
Warp, John R.
Flieger, Lambert, Morton Grove, assignor to Standard Cap and Seal Corporation, Chicago, Ill. Paper tube slitter. 164,360, Aug. 28.
Flo-Bar, Limited, assignee: *See*—
Smoot, William B.
Florence Stove Company, assignee: *See*—
Kruck, Ralph E.
Florian, Gordon W., Bridgeport, Conn., assignor to Air-Way Electric Appliance Corporation, Toledo, Ohio. Base for electric drink mixer. 163,031, Apr. 24.
Florian, Gordon W., Bridgeport, Conn., assignor to Air-Way Electric Appliance Corporation, Toledo, Ohio. Vacuum cleaner nozzle. 164,361, Aug. 28.
Florschutz, Fritz E., Pittsburgh, W. S. Aspey, Turtle Creek, and E. L. Izzi, Pittsburgh, Pa., assignors to Westinghouse Electric Corporation. Circuit interrupter. 163,996, July 24.
Florsheim, Harry A., New York, N. Y., assignor to Wisteria Hosiery Mills, Inc., Gastonia, N. C. Stocking. 162,293, Mar. 6.
Flynn, Seward W., assignor to Oneida Ltd., Oneida, N. Y. Silverware chest or similar article. 163,108, May 1.
Flynn, Seward W., assignor to Oneida Ltd., Oneida, N. Y. Silverware chest. 163,109, May 1.
Flynn, Seward W., assignor to Oneida Ltd., Oneida, N. Y. Silverware chest. 163,268, May 15.
Flynn, Seward W., assignor to Oneida Ltd., Oneida, N. Y. Silverware chest. 163,589, June 12.
Flynn, Seward W., assignor to Oneida Ltd., Oneida, N. Y. Silverware chest. 163,590, June 12.
Flynn, Seward W., assignor to Oneida Ltd., Oneida, N. Y. Silverware chest. 163,591, June 12.
Flynn, Seward W., assignor to Oneida Ltd., Oneida, N. Y. Silverware chest. 163,592, June 12.
Flynn, Seward W., assignor to Oneida Ltd., Oneida, N. Y. Silverware chest. 163,593, June 12.
Foley Manufacturing Company, assignee: *See*—
Barbery, Lucille M.
Foley, Thomas J., Chicago, and G. W. Emmert, Berwyn, assignors to The Curtiss Candy Company, Chicago, Ill. Combination dispenser and change tray. 164,110, July 31.
Folley, Milo D., assignor to Pass & Seymour, Inc., Syracuse, N. Y. Wall bracket lighting fixture. 164,908, Oct. 23.
Fonderies Nestor Martin, Societe Anonyme, assignee: *See*—
Desguin, Henri, and Sauvage.
Fontaccione, Luca, assignor to Leavens Manufacturing Co., Inc., Attleboro, Mass. Belt buckle or the like. 164,986, Oct. 30.
Ford, Walter B., II, assignor to Houdaille-Hershey Corporation, Detroit, Mich. Automobile bumper attachment or similar article. 165,331, Dec. 4.
Forest Lawn Memorial-Park Association, Inc., assignee: *See*—
Hanson, Frederick A.
Formaid Co., assignee: *See*—
Sachs, Charles M.
Forman, Ben, & Sons, Inc., assignee: *See*—
Forman, Howard L.
Forman Family, Inc., assignee: *See*—
Forman, Sol, Ramer, and Mund.
Forman, Howard L., Belle Harbor, assignor to Ben Forman & Sons, Inc., New York, N. Y. Tray or similar article. 163,032, Apr. 24.
Forman, Howard L., Belle Harbor, assignor to Ben Forman & Sons, Inc., New York, N. Y. Compartmented revolving tray. 163,110, May 1.

Forman, Jess R., Kansas City, Mo. Picture mat. 163,684, June 19.
Forman, Sol. L. Ramer, and A. Mund, New York, assignors to Forman Family, Inc., Brooklyn, N. Y. Embossed metal sheet or similar article. 165,065, Nov. 6.
Forrer, Homer W., Atlanta, Ga., assignor to Atlanta Paper Company. Bottle carrier. 161,606, Jan. 9.
Forrer, Homer W., Atlanta, Ga., assignor to Atlanta Paper Company. Bottle carrier. 163,033, Apr. 24.
Forrester, Gilbert: *See*—
Nielsen, Herman, and Forrester.
Forsberg, Axel A., Stora Essingen, assignor to Aktiebolaget Elektrolux, Stockholm, Sweden. Liquid dispenser for surface treating machines. 165,141, Nov. 13.
Forschner, Edith, New York, N. Y. Lady's shoe. 162,641, Mar. 27.
Forschner, Edith, New York, N. Y. Shoe. 162,642, Mar. 27.
Fortino, Samuel S., New York, assignor to Gem Electric Mfg. Co., Brooklyn, N. Y. Multiway electrical connector or similar article. 164,294, Aug. 21.
Fortuna, Bruno, North Bergen, N. J. Lace holder. 165,369, Dec. 11.
Forward, Frederick B., McGaheysville, Va. Cocktail table or the like. 164,682, Oct. 2.
Foster Grant Co., Inc., assignee: *See*—
Foster, Joseph C.
Richards, Harry C.
Ulvad, Bernard.
Foster, James L.: *See*—
Klingens, Cornelis, and Foster.
Foster, Joseph C., assignor to Foster Grant Co., Inc., Leominster, Mass. Display box for crayons and the like. 162,019, Feb. 20.
Foster, Joseph C., assignor to Foster Grant Co., Inc., Leominster, Mass. Spectacle frame. 162,945, Apr. 17.
Foster, Joseph C., assignor to Foster Grant Co., Inc., Leominster, Mass. Spectacle frame. 163,940, July 17.
Foster, Pearl B., San Francisco, Calif. Scratch-pad support or the like. 163,685, June 19.
Foster Transformer Company, The, assignee: *See*—
Green, Lawrence O.
Fostoria Glass Company, assignee: *See*—
Yutzey, Marvin G.
Fotie, Joseph A., assignor to Rex Welder & Engineering Co., Kansas City, Mo. Portable welding apparatus. 161,912, Feb. 13.
Fouts, Harry B., Des Moines, Iowa, assignor to Sealy, Incorporated, Chicago, Ill. Sofa bed. 164,563, Sept. 18.
Fowler, Alvah W., assignor to W. A. Uttz, Fort Worth, Tex. Combination tool. 164,909, Oct. 23.
Fowler, Martin K., deceased, Westwood, N. J.: T. S. Fowler, administratrix. Smoker's or refreshment stand. 164,768, Oct. 9.
Fowler, Trina S., administratrix: *See*—
Fowler, Martin K.
Fox, Kurt E.: *See*—
Hathaway, Claude M., and Fox.
Fox, Myron, Culver City, Calif. Towel holder or similar article. 162,643, Mar. 27.
Fraim, Joseph A., Norfolk, Va. Garden rule and seed tray. 161,913, Feb. 13.
Frampton, Henry G., Miami, Fla. Ash tray. 162,144, Feb. 27.
Francis, George A., Baldwin Park, Calif. Tray. 165,519, Dec. 25.
Francis, Oliver J., Baker, Oreg. Child's masquerade and play costume. 165,370, Dec. 11.
Franck, George E., Riverside, assignor to The Imperial Brass Manufacturing Company, Chicago, Ill. Tube cutting tool. 161,438, Jan. 2.
Franck, George E., Riverside, assignor to The Imperial Brass Manufacturing Company, Chicago, Ill. Valve unit for testing and charging refrigeration systems. 165,371, Dec. 11.
Franck, Kurt, Newark, Ohio, assignor to Holophane Company, Inc., New York, N. Y. Lighting fixture globe. 164,564, Sept. 18.
Francks, John S., Fort Worth, Tex. Barbecue machine. 162,946, Apr. 17.
Francois, Clifford J., Jr., New Orleans, La. Make-up tray. 161,914, Feb. 13.
Frank, Maxwell, New York, N. Y. Game indicator. 165,372, Dec. 11.
Franke & Heidecke, Fabrik Photographischer Präzisions-Apparate, assignee: *See*—
Heidecke, Reinhold.
Franklin, Louis G., Sioux City, Iowa. Battery cable clamp cover. 164,484, Sept. 11.
Fredericks, Veronica, assignor to Madame Adrienne, Inc., New York, N. Y. Brassière. 164,485, Sept. 11.
Freedman, Adele Q., New York, N. Y. Embossed leather or similar article. 162,145, Feb. 27.
Freedman, Adele Q., New York, N. Y. Leather or similar article. 164,565, Sept. 18.
Freeman, Nadine T.: *See*—
Boyden, Robert E., and Freeman.
Freeman, Roger A., Indianapolis, Ind. Combination memo pad and pencil holder. 163,452, May 29.
Freeman, Stanley H., Larchmont, N. Y. Gem display case. 164,910, Oct. 23.
Frei, Otto, New York, N. Y. Liturgical flouncing. 165,142, Nov. 13.
Frei, Otto, New York, N. Y. Liturgical flouncing. 165,143, Nov. 13.
Frei, Otto, New York, N. Y. Liturgical flouncing. 165,144, Nov. 13.
Frei, Otto, New York, N. Y. Liturgical flouncing. 165,145, Nov. 13.
Frei, Otto, New York, N. Y. Liturgical flouncing. 165,146, Nov. 13.
Frei, Otto, New York, N. Y. Liturgical flouncing. 165,147, Nov. 13.
Frei, Otto, New York, N. Y. Liturgical flouncing. 165,148, Nov. 13.
Freitag, Byron E.: *See*—
Herbst, Robert S., and Freitag.
Fremont Rubber Company, assignee: *See*—
Clark, Paul.
French, George W., Chicago, Ill. Set of blocks. 162,146, Feb. 27.
Frenzel, Edgar G., assignor to Abco Mold & White Metal Castings Co., Inc., Chicago, Ill. Figurine. 161,686, Jan. 23.
Frenzel, Edgar G., assignor to Abco Mold & White Metal Castings Co., Inc., Chicago, Ill. Figurine. 161,687, Jan. 23.
Freydberg Bros.-Strauss, Inc., assignee: *See*—
Weisberg, Sidney, and Freydberg.
Freydberg, Herman M.: *See*—
Weisberg, Sidney, and Freydberg.
Fried, Mendel, Phoenix, Ariz. Fountain pen cap. 163,686, June 19.
Friedman, Anna, New York, N. Y. Petticoat. 163,175, May 8.
Friedman, Beatrice, New York, N. Y. Narrow embroidered fabric or the like. 162,294, Mar. 6.
Friedman, Morris, Brooklyn, N. Y. Display container or similar article. 164,566, Sept. 18.
Friedman, Samuel W., Los Angeles, Calif. Combined sugar and condiment holder. 164,630, Sept. 25.
Friedman, Theodore, deceased, New York, N. Y.; M. Cowen, executrix. Doll's miniature dresser. 163,269, May 15.
Friedman, Theodore, New York, N. Y. Barrette. 163,687, June 19.
Friedrich, Robert, Jr., Sewell, assignor to L'Opera Hosiery Mill, Inc., Glassboro, N. J. Stocking. 162,398, Mar. 13.
Frimerman, Isidore, New York, N. Y. Combination baby formula mixer and dispenser. 163,857, July 10.
Fritz, Theresa M., New York, N. Y. Dress ensemble. 165,149, Nov. 13.
Frontier Aircraft Corporation, assignee: *See*—
Salisbury, Frank M.
Frost, Eugene C., assignor to Lockheed Aircraft Corporation, Burbank, Calif. Chair unit. 163,941, July 17.
Fry, Albert E., Los Angeles, Calif. Combination helicopter and automobile. 164,162, Aug. 7.
Fry, Albert E., Los Angeles, Calif. Automobile. 164,683, Oct. 2.
Fry, Barton L., assignee: *See*—
Fry, Myrtle R.
Fry, Myrtle R., assignor of one-half to B. L. Fry, Salina, Kans. Doll. 161,619, Jan. 16.
Fuchs, Stanley F., Janesville, Wis. Game counter or similar article. 162,020, Feb. 20.
Fuentes, Gabriel P., New York, N. Y. Fluorescent lamp. 164,229, Aug. 14.
Fuerst, Brooks D., Sylvania, assignor to Owens-Illinois Glass Company, Toledo, Ohio. Jug or the like. 162,147, Feb. 27.
Fuerst, Brooks D., Sylvania, Ohio. Round bottle. 163,453, May 29.
Fuerst, Brooks D., Sylvania, Ohio. Bottle. 163,454, May 29.
Fuerst, Elmer, Cincinnati, Ohio. Attachment for a washing machine leg. 164,486, Sept. 11.
Fuller, James H., assignor to Coventry Ware, Inc., Barberton, Ohio. Combined string and spoon holder. 162,806, Apr. 10.
Fuller, Robert B., Burbank, assignor to Craftsmen's Guild, Hollywood, Calif. Film strip viewer. 162,148, Feb. 27.
Fulton Company, The, assignee: *See*—
Riemann, Howard C.
Fyr-Fyter Company, The, assignee: *See*—
Lippincott, Joshua G., and Covey.
Gaber, Martin, assignor to Peter Pan Products, Inc., Chicago, Ill. Canister. 161,915, Feb. 13.
Gach, Erich, Chicago, Ill., assignor to Bird & Son, inc., East Walpole, Mass. Insulating siding corner unit. 163,688, June 19.
Gach, Erich, Chicago, Ill., assignor to Bird & Son, inc., East Walpole, Mass. Building panel. 163,689, June 19.
Gaddis, Roy C., Cedar Rapids, Iowa. Dust shield for material spreading device. 164,362, Aug. 28.
Gaffield, Eli W., Washington, D. C., assignor of 33⅓% to R. N. Matson, Silver Spring, Md. Television stool or similar article. 161,579, Jan. 9.
Gagnon, Pierre A., Montreal, Quebec, Canada. Expansible wrist watch bracelet. 163,270, May 15.
Gaiser, Romey A., and J. H. Boicey, assignors to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Aircraft windshield or the like. 163,594, June 12.

Gaither, Bert, Van Nuys, Calif. Combined garden couch and clothesline rack. 162,149, Feb. 27.
Gale, Max J., Chicago, Ill. Bottle or similar article. 163,595, June 12.
Gamewell Company, The, assignee: *See*—
Manning, Charles J.
Gancher, Simon, Port Washington, N. Y. Footage meter. 163,596, June 12.
Gant, Allen E., Glen Raven, N. C. Stocking. 162,807, Apr. 10.
Gant, Allen E., Glen Raven, N. C. Stocking. 162,808, Apr. 10.
Garden Foundations, Inc., assignee: *See*—
Dubner, Harry J.
Gardner, René, Elmhurst, Ill., assignor to Da-Lite Screen Company, Inc. Case end for screens. 162,295, Mar. 6.
Gardner-Richardson Company, The, assignee: *See*—
Ringler, William A.
Garen, Adalene, Peoria, Ill. Doll. 163,176, May 8.
Garrett, Maurice F., Manhasset, N. Y. Greeting card with rotating disk. 164,230, Aug. 14.
Garrison, Robert M., New York, N. Y. Greeting card index display booklet. 161,580, Jan. 9.
Garubo, Joseph J., East Orange, N. J. Dry material dispenser. 161,828, Feb. 6.
Garvin, Richard H., Chicago, Ill., assignor to Onondaga Pottery Company, Syracuse, N. Y. Dinner plate or similar article. 162,021, Feb. 20.
Garvin, Richard H., Chicago, Ill., assignor to Onondaga Pottery Company, Syracuse, N. Y. Dinner plate or similar article. 162,530, Mar. 20.
Garvin, Richard H., Chicago, Ill., assignor to Onondaga Pottery Company, Syracuse, N. Y. Dinner plate or similar article. 162,531, Mar. 20.
Garvin, Richard H., Chicago, Ill., assignor to Onondaga Pottery Company, Syracuse, N. Y. Dinner plate or similar article. 163,800, July 3.
Garvin, Richard H., Chicago, Ill., assignor to Onondaga Pottery Company, Syracuse, N. Y. Dinner plate or similar article. 163,801, July 3.
Gass, Walter S., Seward, Nebr. Combination desk and buffet. 164,851, Oct. 16.
Gassien, Philip F.: *See*—
Runkle, James T., and Gassien.
Gaster, Myron L., assignor, by mesne assignments, to Mawsaid Products, Inc., Duluth, Minn. Line holder. 163,858, July 10.
Gates, Earl F., Long Beach, and O. Elsebusch, Los Angeles, assignors to Convert-O-Shield, Inc., Long Beach, Calif. Wind deflector or similar article. 164,231, Aug. 14.
Gay, Fred N., near Seattle, Wash. Article dispensing cabinet or the like. 162,809, Apr. 10.
Gebhard, Paul C., assignor to Youngstown Manufacturing, Inc., Youngstown, Ohio. Roll down nosing. 165,150, Nov. 13.
Geffner, Ted, Elmhurst, N. Y. Hydroplane or similar article. 162,150, Feb. 27.
Gelb, Abe, New York, N. Y. Embroidered trimming. 162,532, Mar. 20.
Gellings, Bernard J., Rosemary, Alberta, Canada. Fish lure. 163,997, July 24.
Gelman, Harry A. and M., Chicago, Ill. Rocking chair. 165,066, Nov. 6.
Gelman, Mac: *See*—
Gelman, Harry A. and M.
Gem Electric Mfg. Co., assignee: *See*—
Fortino, Samuel S.
Gem Rubber Corporation, assignee: *See*—
Suender, Socha, and Gottschalk.
Gemex Company, assignee: *See*—
Prestinari, Eugen and Sand.
Sand, John F.
General American Transportation Corporation, assignee: *See*—
Jones, Charles E.
General Electric Company, assignee: *See*—
Babel, Rudolph M.
Bruce, Leo I.
Herbst, Robert S., and Freitag.
McFarland, Donald L.
Otto, Carl.
Petzold, William B.
Rex, Charles H.
Teague, Walter D., and Ensign.
General Mills, Inc., assignee: *See*—
Polivka, John N.
Polivka, John N., Scharfenberg, and Butterfield.
General Motors Corporation, assignee: *See*—
Baker, Albert D.
Earl, Harley J.
Glowacke, Edward E.
Haviland, Glenford M.
Loewy, Raymond.
Mathews, Verner P.
Nickles, Ned F.
Smith, Robert F.
General Outdoor Advertising Company, Inc., assignee: *See*—
Hammond, Clark H.

General Time Corporation, assignee: *See*—
Danz, Ellworth R.
Darrot, Paul G.
Schlenker, Max E.
Genesio, Anthony, Glenside, Pa. Lady's stocking. 165,277, Nov. 27.
Gentile, Alfred J.: *See*—
Lempke, Milford W., Gentile, and Johnson.
Geoffrion, Arthur J., Manhasset, N. Y. Watchcase. 163,859, July 10.
Geoffrion, Arthur J., Manhasset, N. Y. Watchcase. 163,860, July 10.
Geoffrion, Arthur J., Manhasset, N. Y. Watchcase. 163,861, July 10.
Geoffrion, Arthur J., Manhasset, N. Y. Watchcase. 163,862, July 10.
Geoffrion, Arthur J., Manhasset, N. Y. Watchcase. 163,863, July 10.
George, Robert L.: *See*—
Bach, Walter H., and George.
Georgiades, Helen A., Brooklyn, assignor to Prim Fashions, Inc., New York, N. Y. Dress. 163,177, May 8.
Gerett, M. A., Corporation, assignee: *See*—
Maage, Alfred E., Jr.
Gerhardt, Earl A., assignor to Lynchburg Hosiery Mills, Inc., Lynchburg, Va. Stocking. 165,278, Nov. 27.
Gerhardt, Robert V., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Eye testing device. 163,942, July 17.
Gerlat, Matthew E., Milwaukee, Wis. Ash tray. 164,414, Sept. 4.
Germain, Stanley A., Glendale, Calif. Hose reel cart. 164,232, Aug. 14.
Germanow-Simon Machine Company, Inc., assignee: *See*—
Vacanti, Michael C.
Gershgoren, Max L., and M. and C. Goren, Brooklyn, N. Y. Tie holder. 164,631, Sept. 25.
Gershgorn & Co., Inc., assignee: *See*—
Toth, Gustave G.
Getgey, John J.: *See*—
Bollman, Roland R., and Getgey.
Geuder Paeschke & Frey Co., assignee: *See*—
Sellon, Raymond N., Jr.
Giacomelli, Tecla C., Hamilton, Ontario, Canada. Garment hanger. 163,178, May 8.
Gianascol, Frank, Lynn, Mass. Clock. 165,279, Nov. 27.
Gibbon, Allen K., Kansas City, Mo. Combination food cart and table. 163,111, May 1.
Gibbons, Harry, assignor of one-third to W. Weinberg and one-third to L. Zeinfeld, Chicago, Ill. Combination watch and identification tag holder. 161,916, Feb. 13.
Gibbons, Harry, assignor of one-third to W. Weinberg and one-third to L. Zeinfeld, Chicago, Ill. Combination watch and identification tag holder. 163,378, May 22.
Gibbs, Robert K., Evansville, Ind., assignor to Tri-State Plastic Molding Co., Henderson, Ky. Refrigerator box or similar article. 162,151, Feb. 27.
Gibbs, Robert K., Evansville, Ind., assignor to Tri-State Plastic Molding Co., Henderson, Ky. Crisper. 162,399, Mar. 13.
Gibo, Rene X., assignor to Ox Fibre Brush Company, Inc., Frederick, Md. Hairbrush or similar article. 163,271, May 15.
Gibraltar Manufacturing Co., Inc., assignee: *See*—
Schisgall, Theodore.
Gibson, Martha D., assignee: *See*—
Gibson, Otto S.
Gibson, Otto S., assignor of thirty-three one-hundredths to B. A. Rademacher and thirty-three one-hundredths to M. D. Gibson, Butte, Mont. Holy-water dispenser. 164,852, Oct. 16.
Gibson Refrigerator Company, assignee: *See*—
Janes, Richard B.
Janes, Richard B., and Snider.
Sanders, Charles W.
Stevens, Clifford B., and Hughes.
Gierke, Carl F., assignor to Grand Chapter of Indiana, Order Eastern Star, Indianapolis, Ind. Brooch or similar article. 165,520, Dec. 25.
Gierlich, Florian E., assignor to Engineering Service, Inc., Wichita, Kans. Table. 164,295, Aug. 21.
Gilbert Company, A. C., The assignee: *See*—
Pullon, Raymond A.
Gilbert, Leon: *See*—
Burtt, Horatio H., Koenig, and Gilbert.
Gilchrist, Ellsworth L., assignor to The Community Chest of Greater Dallas, Inc., Dallas, Tex. Advertising figure or the like. 162,152, Feb. 27.
Gilfert, Charles F., Chester, Pa. Combination pad and pencil holder. 162,153, Feb. 27.
Gilkerson, Marian H.: *See*—
Sloan, Jervis H., and Gilkerson.
Gillespie, Frank E., Jr., Jamaica Plain, Mass. Combination ash tray and coaster. 164,296, Aug. 21.
Gillette, Jack W., Grover, Colo. Figurine. 164,111, July 31.
Gillette Safety Razor Company, assignee: *See*—
Bowen, Billi, and Wark.
Schladermundt, Peter, and Dennerlein.
Gilman, Martin J., Gilman, Conn. Inflatable toy or the like. 162,022, Feb. 20.

Gilmore, Alfred C., Lyndhurst, N. J., and S. J. Harazim, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone operator desk. 164,297, Aug. 21.
Gimble, Irving, and D. Musano, New York, N. Y. Brassière. 162,400, Mar. 13.
Giovagnoni, Violet, New York, N. Y. Negligee. 162,023, Feb. 20.
Giovagnoni, Violet, New York, N. Y. Negligee. 163,112, May 1.
Giovagnoni, Violet, New York, N. Y. Negligee. 163,113, May 1.
Giovagnoni, Violet, New York, N. Y. Negligee. 164,911, Oct. 23.
Giovagnoni, Violet, New York, N. Y. Negligee. 164,912, Oct. 23.
Girardy, Alfred B.: *See*—
Haman, Ralph W., Girardy, and Doman.
Girardy, Alfred B., Chicago, D. W. Doman, Harvey, and R. E. Meyers, Niles, assignors to Pullman-Standard Car Manufacturing Company, Chicago, Ill. Railway observation car body. 164,913, Oct. 23.
Girardy, Alfred B., Chicago, D. W. Doman, Harvey, and R. E. Meyers, Niles, assignors to Pullman-Standard Car Manufacturing Company, Chicago, Ill. Railway observation car body. 164,914, Oct. 23.
Girardy, Alfred B., Chicago, D. W. Doman, Harvey, and R. E. Meyers, Niles, assignors to Pullman-Standard Car Manufacturing Company, Chicago, Ill. Railway observation car body. 164,915, Oct. 23.
Girardy, Alfred B., Chicago, D. W. Doman, Harvey, and R. E. Meyers, Niles, assignors to Pullman-Standard Car Manufacturing Company, Chicago, Ill. Railway observation car body. 164,916, Oct. 23.
Girardy, Alfred B., Chicago, D. W. Doman, Harvey, and R. E. Meyers, Niles, assignors to Pullman-Standard Car Manufacturing Company, Chicago, Ill. Railway observation car body. 164,917, Oct. 23.
Girardy, Alfred B., Chicago, D. W. Doman, Harvey, and R. E. Meyers, Niles, assignors to Pullman-Standard Car Manufacturing Company, Chicago, Ill. Railway observation car body. 164,918, Oct. 23.
Girardy, Alfred B., Chicago, D. W. Doman, Harvey, and R. E. Meyers, Niles, assignors to Pullman-Standard Car Manufacturing Company, Chicago, Ill. Railway observation car body. 164,919, Oct. 23.
Girardy, Alfred B., Chicago, D. W. Doman, Harvey and R. E. Meyers, Niles, assignors to Pullman-Standard Car Manufacturing Company, Chicago, Ill. Railway observation car body. 164,920, Oct. 23.
Girardy, Alfred B., Chicago, D. W. Doman, Harvey, and R. E. Meyers, Park Forest, assignors to Pullman-Standard Car Manufacturing Company, Chicago, Ill. Railway observation car body. 164,921, Oct. 23.
Giuliana, Vincent, Springfield, Mass. Receptacle for clipper. 163,114. May 1.
Gladen, Carl F., Bay City, Mich. Toy machine gun. 165,420. Dec. 18.
Glass, George, Brookline, assignor to Display Advertising Corporation, Boston, Mass. Picture frame or similar article. 162,810, Apr. 10.
Glass, Max, Chicago, Ill. Deflector for automobile windshields. 163,272, May 15.
Glass, Sheldon B., Chicago, Ill. Infant's toilet seat. 162,401, Mar. 13.
Glenn, Charles W., assignee: *See*—
Wagner, Williard F.
Glick, Jack, Forest Hills, N. Y. Halter or similar article. 161,439, Jan. 2.
Globe-Union Inc., assignee: *See*—
Coldwell, John S.
Globe-Wernicke Co., The, assignee: *See*—
Thomson, Ernest F.
Glolite Corporation, The, assignee: *See*—
Sundheim, Harry G., Jr.
Glowacke, Edward E., Royal Oak, assignor to General Motors Corporation, Detroit, Mich. Automotive vehicle rear deck lid handle. 162,154, Feb. 27.
Glowacki, Matthew P., Chicago, Ill. Electric chemical vaporizer. 161,917, Feb. 13.
Glowacki, Matthew P., Chicago, Ill. Electric chemical vaporizer. 161,918, Feb. 13.
Gluckin, Edwin W., Rockville Centre, assignor to Wm. Gluckin & Co., Inc., New York, N. Y. Brassière halter. 164,987, Oct. 30.
Gluckin, Wm., & Co., Inc., assignee: *See*—
Gluckin, Edwin W.
Godfrey, Charles J.: *See*—
Shuler, Clyde, and Godfey.
Godfrey, Henry R., Gardner, Mass. Combined billfold, cardcase, coin purse, and key case. 163,379. May 22.
Godfrey, Henry R., Gardner, Mass. Wallet. 164,769, Oct. 9.
Goff, C. David, assignee: *See*—
Biehl, Charles B.
Goff, David D., assignee: *See*—
Biehl, Charles B.
Goff, Warren, Philadelphia, Pa. Stocking. 162,722, Apr. 3.
Goff, Warren, Philadelphia, Pa. Stocking. 163,034, Apr. 24.
Goff, Warren, Philadelphia, Pa. Stocking. 163,597, June 12.
Gold, George, Brooklyn, N. Y. Combination package of children's panties and pencils. 162,402, Mar. 13.
Gold, Michael, New York, N. Y. Combination clock, thermometer, and barometer. 163,864, July 10.
Goldberg, Aaron S., assignor to Bunting Glider Company, Philadelphia, Pa. Chair. 164,487, Sept. 11.
Goldberg, Emanuel, Tel-Aviv, Israel. Photographic copying apparatus. 162,811, Apr. 10.
Goldberg, Maynard E., assignor to Laboratory Industries, Inc., Elmwood Park, Ill. Laboratory clamp. 162,812, Apr. 10.
Goldberg, Maynard E., assignor to Laboratory Industries, Inc., Elmwood Park, Ill. Laboratory clamp. 163,035, Apr. 24.
Goldberger, Gerald N., Flushing, and V. I. Robinson, Far Rockaway, assignors to Precision Apparatus Co., Inc., Elmhurst, N. Y. Electrical test probe. 162,813, Apr. 10.
Golden, Jules, Bronxville, N. Y. Combination toy bank and shoe trees. 165,151, Nov. 13.
Goldfarb, Morris B., assignor to Croft Rug Mills, Inc., Easton, Pa. Rug. 162,533, Mar. 20.
Goldinger, Harry, Textile Corporation, assignee: *See*—
Wayne, Phyllis.
Goldman, Sylvan N., Oklahoma City, Okla. Store service truck. 164,488. Sept. 11.
Goldner, Hervé H., New York, N. Y. Clockcase. 161,688, Jan. 23.
Goldner, Hervé H., New York, N. Y. Clock or similar article. 162,814, Apr. 10.
Goldner, Hervé H., New York, N. Y. Clock or similar article. 162,815, Apr. 10.
Goldner, Hervé H., New York, N. Y. Clock or similar article. 162,816, Apr. 10.
Goldner, Hervé H., New York, N. Y. Clock or similar article. 162,817, Apr. 10.
Goldstine, Lee M.: *See*—
Hunting, Leonard A., and Goldstine.
Gomberg, Jacob, Chicago, Ill. Strap buckle for children's garments. 161,440. Jan. 2.
Goodman, Harry, Britton, Okla. Electric motor housing. 165,225, Nov. 20.
Goodman, Herbert N., New York, N. Y. Stocking. 163,690, June 19.
Goodman, Herbert N., New York, N. Y. Stocking. 163,691, June 19.
Goodman, Joseph, New York, N. Y. Puzzle charm. 161,829, Feb. 6.
Goodman, Joseph, New York, N. Y. Child's rattle. 162,947, Apr. 17.
Goodman, Joseph, New York, N. Y. Toy gun. 162,948, Apr. 17.
Goodman, Joseph, New York, N. Y. Money bank. 163,943, July 17.
Goodman, Leo V., and T. Neal, Indianapolis, Ind. Cap. 165,280, Nov. 27.
Goodrich, B. F., Company, The, assignee: *See*—
Billingsley, William F.
Custer, Charles C.
Goodson, Carl H., Jacksonville, Tex. Wire pulling and twisting tool. 165,281, Nov. 27.
Goodwin, George, New York, N. Y. Combined tobacco can cover, pipe rest, match book holder, and ash tray. 162,024, Feb. 20.
Gordineer, Percy J., Niagara Falls, N. Y. Pickup toy. 163,115, May 1.
Gordon, Barnett D., Brookline, Mass. Stocking. 162,403, Mar. 13.
Gordon, Barnett D., Brookline, Mass. Stocking. 163,944, July 17.
Gordon, Barnett D., Brookline, Mass. Stocking. 163,945, July 17.
Gordon, Melvin J., assignee: *See*—
Wilcher, Abrasha.
Gordon, Melvin J., Brookline, Mass. Display stand. 164,298, Aug. 21.
Gordon, Sadye Z., assignee: *See*—
Wilcher, Abrasha.
Goren, Charles: *See*—
Gershgoren, Max L., and M. and C. Goren.
Goren, Murray: *See*—
Gershgoren, Max L., and M. and C. Goren.
Gorko, Adele M., Roseville, Mich. Cooky cutter. 161,919, Feb. 13.
Gornikiewicz, Edward F.: *See*—
Budny, Leon, and Gornikiewicz.
Gorrie, Harvard H.: *See*—
Dickey, Paul S., and Gorrie.
Gorton, Thomas S., Chicago, Ill. Knife handle or the like. 164,163, Aug. 7.
Gosselin, Leo, Woburn, Quebec, Canada. Direction indicator. 164,567, Sept. 18.
Gossman, Carl, Glenwood, Ill. Bottle stopper. 164,164, Aug. 7.
Gotham Hosiery Company, Inc., assignee: *See*—
Voice, Sidney P.
Gottfried, Louis, New York, N. Y. Baby carriage or similar article. 163,513, June 5.
Gottschalck, Lawrence W., New York, N. Y. Stocking. 162,819, Apr. 10.
Gottschalck, Lawrence W., New York, N. Y. Stocking. 162,820, Apr. 10.

Gottschalck, Lawrence W., New York, N. Y. Stocking. 162,821, Apr. 10.
Gottschalck, Lawrence W., New York, N. Y. Stocking. 162,822, Apr. 10.
Gottschalck, Lawrence W., New York, N. Y. Stocking. 162,823, Apr. 10.
Gottschalck, Emil: *See*—
Suender, Socha and Gottschalk.
Gottschalk, Emil, New York, N. Y. Rubber boot for dolls. 162,818, Apr. 10.
Gould, Bernard D., New York, N. Y. Textile fabric. 164,922, Oct. 23.
Gould, Ruth, Bedminster, N. J., assignor to Erving Paper Mills. Embossed paper napkin or the like. 164,568, Sept. 18.
Gowland, Catherine C. B., Narberth, Pa. Sifting container. 162,949, Apr. 17.
Gowland, John P., Santa Barbara, Calif. Sweetmeat. 161,746, Jan. 30.
Graban, Paul: *See*—
Sol, Chester V., and Graban.
Grabley, Charles, Richmond Hill, N. Y. Sachet cover. 164,988, Oct. 30.
Graceform-Camlin Corset Co., Inc., assignee: *See*—
Imershein, Mathias.
Graef, John N., West Bend, assignor to David White Company, Milwaukee, Wis. Projector. 162,644, Mar. 27.
Graff, George, assignor, by mesne assignments, to National Laboratories, Inc., Toledo, Ohio. Detergent mixing device. 165,282, Nov. 27.
Graham, Johnnie B., assignor of forty per cent to H. C. Ripple, Winston-Salem, N. C. Airplane. 163,514, June 5.
Graham, Thomas T., assignor of one-half to O. P. Alexander, Houston, Tex. Pressure spray device. 162,296, Mar. 6.
Gramm Trailer Corporation, assignee: *See*—
King, John B., and Chosy.
Kunz, Frederick J.
Granat, Joseph, San Francisco, Calif. Watch. 165,067, Nov. 6.
Granat, Joseph, San Francisco, Calif. Watchcase. 165,152, Nov. 13.
Grand Aerie Fraternal Order of Eagles, assignee: *See*—
Brown, Matthew L.
Grand Chapter of Indiana, Order Eastern Star, assignee: *See*—
Gierke, Carl F.
Grand Rapids Store Equipment Company, assignee: *See*—
Porter, Wayne R.
Granowitz, Anna G., New York, N. Y. Cup and saucer display stand. 161,920, Feb. 13.
Grant, Joseph W., Wakefield, Mass. Ring. 161,747, Jan. 30.
Grant, Joseph W., Wakefield, Mass. Ring. 164,165, Aug. 7.
Grant, Max L., Providence, R. I. Fare collection box or similar article. 161,689, Jan. 23.
Grant, Max L., Providence, R. I. Coin receiver for fare boxes or the like. 163,273, May 15.
Gray, Clyde E., Hot Springs, Ark. Houseboat. 163,515, June 5.
Gray, Henry H., Seattle, Wash. Medal for religious use. 162,155, Feb. 27.
Gray, John M., Palos Verdes, and E. G. Revness, Los Angeles, Calif. Floor lamp. 165,226, Nov. 20.
Gray, Willis J., Detroit, Mich. Instrument cabinet. 164,233, Aug. 14.
Greacen, Edmund, Jr.: *See*—
Covey, Laird F., and Greacen.
Greathead, Phillip L.: *See*—
Laird, William A., and Greathead.
Green, Daniel, Company, assignee: *See*—
Lacek, John A.
Green, Lawrence O., assignor to The Foster Transformer Company, Cincinnati, Ohio. Electrode holder. 162,645, Mar. 27.
Green, Leland W.: *See*—
Theis, William T., and Green.
Green, Marth S., Evanston, Ill. Pin or similar article. 161,921, Feb. 13.
Green, Marvin T., Chicago, Ill. Lint remover. 162,156, Feb. 27.
Green, Pearl, Brownsville, Pa. Wrist attachment for infant's eating utensils. 164,684, Oct. 2.
Greenberg, Hymen, and J. J. Shelley, assignors to Shelley Steel Corporation, Chicago, Ill. Combination electric fan and room conditioner. 164,234, Aug. 14.
Greendale, Arlene J., Chicago, Ill. Maternity skirt. 162,534, Mar. 20.
Greene, Al, New York, N. Y., assignor to Lapin Products, Inc., Newark, N. J. Combined spinner and top. 161,581, Jan. 9.
Greene, Harry R.: *See*—
Pokras, Harry, and Greene.
Greene, Kenneth E., assignor of one-fourth to L. T. and S. R. Barnett, Chicago, Ill. Floating minnow container or similar article. 163,946, July 17.
Gregg Manufacturing Company, The, assignee: *See*—
Gregg, Robert S.
Gregg, William L.
Gregg, Robert S., assignor to The Gregg Manufacturing Company, Fredericktown, Ohio. Wall-mounted lamp or similar article. 165,153, Nov. 13.
Gregg, William L., Fredericktown, Ohio, assignor to The Gregg Manufacturing Company. Wall-mounted lamp. 162,723, Apr. 3.
Gregory, John B., Frederick, Okla. Pool table cover. 162,404, Mar. 13.
Greifling, David J., assignor to McCray Refrigerator Company, Kendallville, Ind. Rail for price tags or the like. 161,748, Jan. 30.
Greiling, David J., assignor to McCray Refrigerator Company, Kendallville, Ind. Refrigerated self-service display case. 162,157, Feb. 27.
Greiling, David J., and W. R. Howard, assignors to McCray Refrigerator Company, Kendallville, Ind. Refrigerated display and serve-self case. 161,922, Feb. 13.
Gresham, James B., New York, N. Y. Bird cage. 162,405, Mar. 13.
Gresser, Mary C., Los Angeles, Calif. Cover grip for ironing boards and the like. 163,274, May 15.
Griffin, Dana G., Fort Worth, Tex. Combined speaker and support therefor. 162,646, Mar. 27.
Griffith Manufacturing Co., Inc., assignee: *See*—
Griffith, Vernon D.
Griffith, Vernon D., assignor to Griffith Manufacturing Co., Inc., Omaha, Nebr. Combination cigarette pack and coin container. 163,865, July 10.
Grigoleit Company, The, assignee: *See*—
Morgan, Jack.
Grilley, Edmund S., and J. R. Nolan, assignors to Hobbs Manufacturing Company, Fort Worth, Tex. Vehicular trailer bed. 163,455, May 29.
Griner, Robert L., Kansas City, Mo. Corsage utility stand. 161,749, Jan. 30.
Griswold, Earl O., Atlanta, Ga. Lawn sprinkler. 164,770, Oct. 9.
Griswold, Stanley M., Newton, Mass. Golf putting device. 164,166, Aug. 7.
Grooms, George, assignor to Collegiate Manufacturing Company, Ames, Iowa. Stuffed dog. 163,802, July 3.
Gross, A., Candle Company, Inc., assignee: *See*—
Baumer, Norbert J.
Gross, Sally, and H. Stern, New York, N. Y. Child's costumer. 164,853, Oct. 16.
Grosset & Dunlap, Inc., assignee: *See*—
Levin, Martin P.
Grossman, Greta M., Beverly Hills, Calif. Reflecting lamp shade. 161,830, Feb. 6.
Grossman, Harold, St. Louis, assignor to J. V. Zimmerman, Clayton, Mo. Reed mouthpiece. 162,406, Mar. 13.
Grossman, John S., Los Angeles, Calif. Bolt type fastener. 161,831, Feb. 6.
Grossniklaus, Alice J., Wilmot, Ohio. Vehicular trailer. 164,167, Aug. 7.
Grosso, Joseph A., Bridgeport, Conn. Picture frame. 164,569, Sept. 18.
Grover, Frederic S., Brighton, P. A. Brandmeier, Pittsford, and J. E. Brice, Brighton, N. Y. Golf club conveyance. 164,570, Sept. 18.
Grube, Charles E., Arcadia, assignor to Overniter Manufacturing Corporation, Pasadena, Calif. Telescopic house trailer. 161,441, Jan. 2.
Gruber, Abe, New York, N. Y. Coat. 164,854, Oct. 16.
Gruber, Abe, New York, N. Y. Coat. 164,855, Oct. 16.
Gruen Watch Company, The, asignee: *See*—
Blod, Francis E., and Blumenfeld.
Katz, Benjamin S.
Gruner, William J., Naugatuck, Conn., assignor to United States Rubber Company, New York, N. Y. Shoe sole. 164,299, Aug. 21.
Gruver, Benton A., North Hollywood, and A. Robertson, Burbank, assignors to Los Angeles Standard Rubber, Inc., Los Angeles, Calif. Terminal cap. 163,516, June 5.
Gubics, Frank J., Cleveland, Ohio. Combined cigarette, pencil, golf tee, and key holder. 164,771, Oct. 9.
Gubler, Ervin C., Salt Lake City, Utah. Automobile hood ornament. 163,692, June 19.
Guenin, André L., assignor to La Nationale S. A., Geneva, Switzerland. Pyrophoric lighter. 165,227, Nov. 20.
Guild, Lurelle, New York, assignor to Carrier Coporation, Syracuse, N. Y. Self-contained air conditioning unit. 162,297, Mar. 6.
Guild, Lurelle V. A., assignor to Underwood Corporation, New York, N. Y. Accounting machine. 165,068, Nov. 6.
Guilford, Oscar D., Jr., Syracuse, N. Y. Container for candles. 164,415, Sept. 4.
Gulde, Carl J., St. Joseph, Mo. Hand trap. 163,947, July 17.
Gulick, David E., Kittanning, assignor to Eljer Co., Ford City, Pa. Handle for flush tank lever. 164,300, Aug. 21.
Gundelfinger, William E., St. Louis County, Mo. Magnetic lid-holding attachment for a can opener. 165,154, Nov. 13.
Gunther, Frederick F., assignor to Helmco, Inc., Chicago, Ill. Liquid warming kitchen cabinet or the like. 163,275, May 15.
Gustin, George M., Wabash, Ind. Wood sawing machine. 161,832, Feb. 6.

Gustkey, Carl W., Wheeling, W. Va., assignor to Imperial Glass Company, Bellaire, Ohio. Tumbler or similar article. 163,380, May 22.
Gustkey, Carl W., Wheeling, W. Va., assignor to Imperial Glass Company, Bellaire, Ohio. Tumbler or similar article. 163,381, May 22.
Gustkey, Carl W., Wheeling, W. Va., assignor to Imperial Glass Company, Bellaire, Ohio. Tumbler or similar article. 163,382, May 22.
Guzzi, Carlo, Mandello Lario (Como), assignor to Moto Guzzi S. A., Genoa, Italy. Motor scooter frame. 164,989, Oct. 30.
Gwynn, Robert D., Detroit, Mich. Shirt. 162,950, Apr. 17.
H. M. H. Co., The, assignee: *See*—
Randall, Horace.
Hadley, H. A., Associates, Inc., assignee: *See*—
Hadley, Harlan A.
Hadley, Harlan A., assignor to H. A. Hadley Associates, Inc., Burlington, Vt. Balance scale. 161,833, Feb. 6.
Hagedorn, Quinn J., assignor to The Specialty Papers Company, Dayton, Ohio. Wrapping paper for bread loaves or the like. 162,535, Mar. 20.
Hagerstown Leather Company, The, assignee: *See*—
Thomas, Harry I.
Hahl, Charles W., Pomona, Calif. Air conditioning and circulating unit. 164,772, Oct. 9.
Hahn, Annies B., Savannah, Ga. Doll. 164,489, Sept. 11.
Hahn, Emil R., and L. Baerman, Fort Atkinson, Wis. Wren house. 161,750, Jan. 30.
Hainke, Paul, Mower Corporation, Inc., The, assignee: *See*—
Hainke, Paul W.
Hainke, Paul W., assignor to The Paul Hainke Mower Corporation, Inc., Hutchinson, Kans. Power lawn mower. 161,834, Feb. 6.
Hale, Gerald A., Oklahoma City, Okla. Parking meter casing. 164,571, Sept. 18.
Haley, Jack P., Tampa, Fla. Fishing plug. 161,620, Jan. 16.
Hall, Charles C., assignee: *See*—
Scherr, Samuel, and Smith.
Hall, Gordon L., Old Lyme, Conn. Faucet. 163,598, June 12.
Hall, Marchand B., assignor to Acme Visible Records, Inc., Chicago, Ill. Slidable signal for visible index record devices. 163,116, May 1.
Hallabrin, Ann, Detroit, Mich. Display rack. 162,407, Mar. 13.
Hallisey, John C., Chicago, Ill. Portable inhalator cabinet. 162,647, Mar. 27.
Hallward, Michael, Swampscott, Mass., assignor to Frank C. Snedaker & Co., Inc., Philadelphia, Pa. Kitchen cabinet. 162,648, Mar. 27.
Hallward, Michael, Swampscott, Mass., assignor to Frank C. Snedaker & Co., Inc., Philadelphia, Pa. Kitchen cabinet. 162,649, Mar. 27.
Hallward, Michael, Swampscott, Mass. Kitchen cabinet. 164,416, Sept. 4.
Hallward, Michael, Swampscott, Mass. Kitchen cabinet. 164,417, Sept. 4.
Haloid Company, The, assignee: *See*—
Sabel, Edward R., and Mayo.
Halpert, Myra, St. Albans, N. Y. Figurine or the like. 163,866, July 10.
Haltom, Robert C., Fort Worth, Tex. Money clasp. 164,685, Oct. 2.
Halvas, Andrew, Astoria, N. Y. Airplane helicopter toy. 161,621, Jan. 16.
Hamaker, Russell A., assignor to L. H. Schultz Manufacturing Company, Rochelle, Ill. Corn harvester. 163,599, June 12.
Haman, Ralph W.: *See*—
Meldrum, Robert A., Candlin, and Haman.
Haman, Ralph W., Flossmoor, A. B. Girardy, Chicago, and D. W. Doman, Harvey, assignors to Pullman-Standard Car Manufacturing Company, Chicago, Ill. Building panel or the like. 164,856, Oct. 16.
Haman, Ralph W., Flossmoor, A. B. Girardy, Chicago, and D. W. Doman, Harvey, assignors to Pullman-Standard Car Manufacturing Company, Chicago, Ill. Spandrel panel. 164,990, Oct. 30.
Hamilton Art Metal Corporation, assignee: *See*—
Wedemeyer, Eric.
Hamilton, Bertis F., Columbus, Ind. High chair. 163,998, July 24.
Hamilton, Bertis F., Columbus, Ind. Stool. 164,168, Aug. 7.
Hamilton, Bertis F., Columbus, Ind. Youth chair. 164,490, Sept. 11.
Hamilton, Kenneth C., assignor to Milwaukee Lace Paper Company, Milwaukee, Wis. Place mat or similar article. 161,622, Jan. 16.
Hamilton, Kenneth C., assignor to Milwaukee Lace Paper Company, Milwaukee, Wis. Doily or the like. 161,623, Jan. 16.
Hamilton, Kenneth C., assignor to Milwaukee Lace Paper Company, Milwaukee, Wis. Doily or similar article. 161,624, Jan. 16.
Hamilton, Kenneth C., assignor to Milwaukee Lace Paper Company, Milwaukee, Wis. Place mat or similar article. 161,625, Jan. 16.
Hamilton, Kenneth C., assignor to Milwaukee Lace Paper Company, Milwaukee, Wis. Place mat or similar article. 161,626, Jan. 16.
Hamilton, Kenneth C., assignor to Milwaukee Lace Paper Company, Milwaukee, Wis. Doily or similar article. 162,298, Mar. 6.
Hamilton, Kenneth C., assignor to Milwaukee Lace Paper Company, Milwaukee, Wis. Place mat or similar article. 162,299, Mar. 6.
Hamilton, Kenneth C., assignor to Milwaukee Lace Paper Company, Milwaukee, Wis. Place mat or similar article. 162,650, Mar. 27.
Hamilton, Kenneth C., assignor to Milwaukee Lace Paper Company, Milwaukee, Wis. Place mat or similar article. 162,651, Mar. 27.
Hamilton, Kenneth C., assignor to Milwaukee Lace Paper Company, Milwaukee, Wis. Place mat or similar article. 162,652, Mar. 27.
Hamilton, Kenneth C., assignor to Milwaukee Lace Paper Company, Milwaukee, Wis. Place mat or similar article. 163,276, May 15.
Hamilton, Kenneth C., assignor to Milwaukee Lace Paper Company, Milwaukee, Wis. Place mat or similar article. 163,277, May 15.
Hamilton, Kenneth C., assignor to Milwaukee Lace Paper Company, Milwaukee, Wis. Place mat or similar article. 163,278, May 15.
Hamilton, Kenneth C., assignor to Milwaukee Lace Paper Company, Milwaukee, Wis. Place mat or similar article. 163,751, June 26.
Hamilton, Kenneth C., assignor to Milwaukee Lace Paper Company, Milwaukee, Wis. Napkin or similar article. 164,418, Sept. 4.
Hamilton, Kenneth C., assignor to Milwaukee Lace Paper Company, Milwaukee, Wis. Place mat or similar article. 165,283, Nov. 27.
Hamm, James J., assignee: *See*—
Christensen, Clarence C.
Hammelman, Harry A., Sheboygan, Wis. Animated pull toy. 164,773, Oct. 9.
Hammer, Hy C., assignor to Compco Corporation, Chicago, Ill. Hood ornament. 163,752, June 26.
Hammer, Vallie, Bell Gardens, Calif. Amusement device. 162,824, Apr. 10.
Hammond, Clark H., assignor to General Outdoor Advertising Company, Inc., Chicago, Ill. Poster panel. 165,155, Nov. 13.
Hammond, Clark H., assignor to General Outdoor Advertising Company, Inc., Chicago, Ill. Poster panel. 165,421, Dec. 18.
Hammond, Clark H., assignor to General Outdoor Advertising Company, Inc., Chicago, Ill. Poster panel. 165,422, Dec. 18.
Hammond Instrument Company, assignee: *See*—
Stephens, George H.
Hamre, Marion R., Oceanside, N. Y. Textile fabric or similar article. 161,923, Feb. 13.
Hamre, Marion R., Oceanside, N. Y. Textile fabric or similar article. 161,924, Feb. 13.
Hamre, Marion R., Oceanside, N. Y. Textile fabric or similar article. 161,925, Feb. 13.
Hamre, Marion R., Oceanside, N. Y. Textile fabric or similar article. 161,926, Feb. 13.
Hamre, Marion R., Oceanside, N. Y. Textile fabric or similar article. 161,927, Feb. 13.
Hamre, Marion R., Oceanside, N. Y. Textile fabric or similar article. 161,928, Feb. 13.
Hamre, Marion R., Oceanside, N. Y. Textile fabric or similar article. 162,825, Apr. 10.
Hamre, Marion R., Oceanside, N. Y. Textile fabric or similar article. 163,036, Apr. 24.
Hamre, Marion R., Oceanside, N. Y. Textile fabric or similar article. 163,693, June 19.
Hamre, Marion R., Oceanside, N. Y. Textile fabric or similar article. 163,867, July 10.
Handcraft Company, Inc., The, assignee: *See*—
Hiestand, Martha P.
Hanes Hosiery, Inc., assignee: *See*—
Colombo, Grace J.
Dowell, George D.
Hanks, Harold M., San Francisco, Calif. Fluid evacuator. 161,835, Feb. 6.
Hannant, Theodore N., Cedar Grove, assignor to Specialties Development Corporation, Belleville, N. J. Valve unit for inflating life rafts or the like. 163,948, July 17.
Hansen, Ernest E., Jr., Glendale, and L. M. Heineman, Los Angeles, Calif., assignors to Permoflux Corporation, Chicago, Ill. Telephone recording pickup. 164,491, Sept. 11.
Hansen, Hans, San Francisco, Calif. Table ornament or similar article. 163,517, June 5.
Hanson, Frederick A., Los Angeles, assignor to Forest Lawn Memorial-Park Association, Inc., Glendale, Calif. Memorial tablet. 163,383, May 22.
Hanson, Frederick A., Los Angeles, assignor to Forest Lawn Memorial-Park Association, Inc., Glendale, Calif. Memorial tablet. 163,456, May 29.
Hanson, George H., Jr., Kansas City, Kans, assignor to The Vendo Company, Kansas City, Mo. Combination electric lamp fixture and housing for door opening and closing mechanism. 162,300, Mar. 6.
Haon, Ruth, New York, N. Y. Pin cushion or similar article. 162,951, Apr. 17.

Happe, Arthur H., Detroit, Mich. Coaster. 164,572, Sept. 18.
Harazim, Stanley J.: *See*—
Gilmore, Alfred C., and Harazim.
Harbil Manufacturing Co., Inc.: *See*—
Rosset, Harry.
Hard, John E., Edgewood, assignor to Bristol Manufacturing Corporation, Bristol, R. I. Boot or similar article. 162,158, Feb. 27.
Hard, John E., Edgewood, assignor to Bristol Manufacturing Corporation, Bristol, R. I. Boot or similar article. 162,952, Apr. 17.
Hard, John E., Edgewood, assignor to Bristol Manufacturing Corporation, Bristol, R. I. Boot or similar article. 164,235, Aug. 14.
Hardeman, William E., Solihull, England, assignor to Dunlop Tire and Rubber Corporation, Buffalo, N. Y. Tire. 163,518, June 5.
Hardy, William H., River Edge, N. J. Handbag. 163,037, Apr. 24.
Hardy, William H., River Edge, N. J. Handbag. 163,384, May 22.
Hardy, William H., River Edge, N. J. Handbag. 165,228, Nov. 20.
Harfenist, Samuel, New York, N. Y. Raccoon cap with raccoon tail. 162,159, Feb. 27.
Haring, Jacob L., Glen Rock, N. J. Holder for playing cards. 161,751, Jan. 30.
Harks, Walter M., Fort Wayne, Ind. Housing for dispensing apparatus. 164.169, Aug. 7.
Harland, Philip W., Quakertown, Pa., assignor to American Machine and Metals, Inc., New York, N. Y. Measuring liquid dispenser. 161,442, Jan. 2.
Harmon, Louis J., Peabody, Mass. Plastic film material. 164,301, Aug. 21.
Harmony Company, The, assignee: *See*—
Crowle, Robert H., and Jones.
Harper, Fred C., Waterville, assignor, by mesne assignments, to The Canal National Bank of Portland, and W. B. Nulty, Portland, Maine, as trustees. Pack for fragile articles. 164,302, Aug. 21.
Harper, Graham H., assignee: *See*—
Casady, Dorothea.
Harper, Roy J., Los Angeles, Calif. Badge. 164,303, Aug. 21.
Harrell, Charles D., Knoxville, assignor to W. Lutz, Rockford, Tenn. Vacuum cleaner or the like. 164,363, Aug. 28.
Harriman, Thomas J.: *See*—
Barr, Charles, and Harriman.
Harris, Bert C., Cleveland, Ohio, assignor to The White Motor Company. Truck cab. 163,279, May 15.
Harris, D. P., Hardware & Manufacturing Co., Inc., assignee: *See*—
Parton, Charles H.
Harris, George W., New Rochelle, N. Y. Bank. 164,364, Aug. 28.
Harris, Lemuel J., assignor to Holland Furnace Company, Holland, Mich. Safety door for furnaces or the like. 162,536, Mar. 20.
Harris-Seybold Company, assignee: *See*—
Schreckengost, Viktor.
Harris, Tony M., Decatur, Ill. Compartmented plate. 165,423, Dec. 18.
Harris, William S., Arlington, Va. Bedstead. 163,949, July 17.
Harrison, John P., assignor to Higgs and Hill Limited, London, England. Wheelbarrow frame. 163,280, May 15.
Hart, George H.: *See*—
Painter, David L., and Hart.
Hart, George H., Chicago, assignor to McGraw Electric Company, Elgin, Ill. Serving tray. 161,752, Jan. 30.
Harten, John T.: *See*—
Covey, Laird F., and Harten.
Hartford Textile Corporation, assignee: *See*—
Christen, Marcel.
Hartis, H. H., Manufacturing Company, assignee: *See*—
Hartis, Harold H.
Hartis, Harold H., Wilmington, N. C., assignor to H. H. Hartis Manufacturing Company, Incorporated. Combined storage and display device. 161,929, Feb. 13.
Hartman, Clarence F., Silverton, assignor to The Hartman-Holm Co., Norwood, Ohio. Toy ring-launching device. 162,408, Mar. 13.
Hartman-Holm Co., The, assignee: *See*—
Hartman, Clarence F.
Harvey, George E., Vancouver, British Columbia, Canada. Combined grave cover and marker. 164,492, Sept. 11.
Harvey, James W., Lakeville, Conn. Dip net or similar article. 162,826, Apr. 10.
Harvey, James W., Lakeville, Conn. Dip net frame. 162,827, Apr. 10.
Haskell, Edward F., New York, N. Y. Cake of soap. 163,038, Apr. 24.
Hassler, Madolyn, Stephenville, Tex. Spoon holder. 164,236, Aug. 14.
Hat Corporation of America, assignee: *See*—
Maxwell, Paul M., and Wlach.
Hatch, Chauncey R., Jr., Buffalo, N. Y. Pipe wrench. 162,025, Feb. 20.
Hathaway, Claude M., and K. E. Fox, Denver, Colo. Oscillograph case. 162,409, Mar. 13.
Hathaway, Helen G., Kansas City, Mo. Christmas stocking. 162,537, Mar. 20.
Haupenthal, John R., Los Angeles, Calif. Ball game device or similar article. 163,281, May 15.
Haviland, Glenford M., Royal Oak, assignor to General Motors Corporation, Detroit, Mich. Automotive vehicle inside door handle. 162,724, Apr. 3.
Haviland, Glenford M., Royal Oak, assignor to General Motors Corporation, Detroit, Mich. Automotive vehicle inside door handle. 162,725, Apr. 3.
Haviland, Glenford M., Royal Oak, assignor to General Motors Corporation, Detroit, Mich. Automotive vehicle window regulator handle. 163,694, June 19.
Hawes, Albert H., Erdington, assignor to Kwikform Limited, Birmingham, England. Combined hammer, spanner, tommy bar and crowbar. 163,385, May 22.
Hawie, Edward M., Stratford, assignor to The Hawie Manufacturing Company, Bridgeport, Conn. Suspender slide or the like. 162,726, Apr. 3.
Hawie Manufacturing Company, The, assignee: *See*—
Hawie, Edward M.
Hawkinson, Paul E., assignor to Paul E. Hawkinson Company, Minneapolis, Minn. Tire. 162,410, Mar. 13.
Hawkinson, Paul E., Company, assignee: *See*—
Hawkinson, Paul E.
Haworth, Robert L., Indianola, Iowa. Flat wall whatnot. 161,627, Jan. 16.
Hay, Howard M., Chicago, Ill. Game board. 164,170, Aug. 7.
Hayden, James M., Crystal Lake, Ill. Antenna tuner. 161,443, Jan. 2
Hayden, Martin S., Chicago, Ill. Lamp base. 164,573, Sept. 18.
Hayden, Martin S., Chicago, Ill. Lamp base. 164,574, Sept. 18.
Hayes, Virginia C., Chicago, Ill. Hood. 165,373, Dec. 11.
Hayman, Robert L., Chicago, Ill. Toy airplane. 165,070, Nov. 6.
Hayman, Robert L., Chicago, Ill. Toy airplane. 165,071, Nov. 6.
Hayward, Josephine, assignor to Whitesons, Inc., New York, N. Y. Knitted slipover adjustable neckline blouse. 162,953, Apr. 17.
Hazel-Atlas Glass Company, assignee: *See*—
Smurr, John B.
Hazelton, John W., Toronto, Ontario, Canada. Toy candy shop. 163,803, July 3.
Healy, Patrick J., Los Angeles, Calif. Paper roll rack. 162,653, Mar. 27.
Heard, Edward C., Los Angeles, Calif. Reading magnifier. 164,575, Sept. 18.
Hebert, Joseph A., Montreal, Quebec, Canada. Iron stand. 163,600, June 12.
Hedley, Weldon E., San Pedro, Calif. Headdress. 164,991, Oct. 30.
Hedwall, Fred A., Sacramento, Calif. Time controlled pet feeder. 164,576, Sept. 18.
Hedwin Corporation, assignee: *See*—
Feder, William M.
Hehemann, Frederick H., assignor to The Lunkenheimer Company, Cincinnati, Ohio. Valve handle. 163,999, July 24.
Heidecke, Reinhold, assignor to F. Heidecke, Fabrik Photographischer Präzisions-Apparate, Braunschweig, Germany. Lens cover. 164,923, Oct. 23.
Heilig, Theodore, assignee: *See*—
Saacke, G. Rudolph.
Heilig, Theodore, Long Beach, N. Y. Spray head for an aerosol dispenser or similar article. 165,072, Nov. 6.
Heilig, Theodore, Long Beach, N. Y. Spray head for an aerosol dispenser or similar article. 165,073, Nov. 6.
Heim, Jacques, and M. R. Lebigot, Paris, France. Brassière. 161,628, Jan. 16.
Heineke, Henry L., Springfield, Ill. Power lawn mower. 161,690, Jan. 23.
Heineke, Henry L., Springfield, Ill. Power lawn mower. 162,654, Mar. 27.
Heineman, Lawrence M.: *See*—
Hansen, Ernest E., Jr., and Heineman.
Heineman, Lawrence M., Los Angeles, Calif., assignor to Permoflux Corporation, Chicago, Ill. Housing for an electronic sound recorder. 163,601, June 12.
Heineman, Lawrence M., Los Angeles, Calif., assignor to Permoflux Corporation, Chicago, Ill. Hand microphone. 163,695, June 19.
Heinrich, Charles G., New Orleans, La. Figurine. 164,992, Oct. 30.
Heintz Manufacturing Company, assignee: *See*—
Trautvetter, George.
Heisey, A. H., & Company, assignee: *See*—
Heisey, T. Clarence.
Heisey, T. Clarence, assignor to A. H. Heisey & Company, Newark, Ohio. Bowl or article of similar nature. 162,411, Mar. 13.
Heisey, T. Clarence, assignor to A. H. Heisey & Company, Newark, Ohio. Compartmented dressing bowl or similar article. 162,412, Mar. 13.
Heisey, T. Clarence, assignor to A. H. Heisey & Company, Newark, Ohio. Glass vase or similar article. 163,602, June 12.

Helander, Lillian V. M., assignor to The International Silver Company, Meriden, Conn. Spoon or other article of flatware. 165,521, Dec. 25.
Helbros Watch Company, Inc., assignee: *See*—
Diamond, Jack.
Helmco, Inc., assignee: *See*—
Gunther, Frederick F.
Hempstead, Willie, Los Angeles, Calif. Lamp base. 164,857, Oct. 16.
Hemsing, Catherine A.: *See*—
Smith, George C., and Hemsing.
Henderson, Norman A., Albany, N. Y. Milk bottle. 164,112, July 31.
Henderson, Raymond L., assignor to Norris Inc., Atlanta, Ga. Display stand. 164,577, Sept. 18.
Henderson, Robert D., Cincinnati, Ohio. Wheel locking clamp or the like. 164,171, Aug. 7.
Hendryx, Andrew B., Company, The, assignee: *See*—
Doolittle, Tilton E.
Henkel, Andrew L., Hales Corners, Wis. Film viewer. 164,493, Sept. 11.
Henning, George E., Baltimore, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Strip of electrical insulating material. 164,578, Sept. 18.
Henry, Aline, assignor to Topper Formals, Inc., New York, N. Y. Dress. 164,858, Oct. 16.
Henry, Aline, assignor to Topper Formals, Inc., New York, N. Y. Dress ensemble. 164,859, Oct. 16.
Hensel, Andrew O., assignor to Perfex Corporation, Milwaukee, Wis. Thermostat housing. 164,419, Sept. 4.
Herbert, Gustave H., Bronxville, N. Y. Combination bed and food tray for pets. 163,603, June 12.
Herbst, Robert S., East Orange, and B. E. Freitag, River Edge, N. J., assignors to General Electric Company. Air conditioner cabinet or similar article. 164,172, Aug. 7.
Herdecker, Carl, assignor to Evans Case Co., North Attleboro, Mass. Table lighter. 162,160, Feb. 27.
Herdecker, Carl, assignor to Evans Case Co., North Attleboro, Mass. Table lighter. 162,161, Feb. 27.
Herdecker, Carl, assignor to Evans Case Co., North Attleboro, Mass. Table lighter. 162,162, Feb. 27.
Herdecker, Carl, assignor to Evans Case Co., North Attleboro, Mass. Table lighter. 164,237, Aug. 14.
Herman, Irving, Chicago, Ill. Seat cover for automobiles or similar articles. 164,000, July 24.
Herrmann, Ernest, Great Neck, N. Y., assignor to Home Furniture Co., York, Pa. Vanity. 162,026, Feb. 20.
Herrmann, Ernest, New York, N. Y., assignor to Heywood-Wakefield Company, Gardner, Mass. Dresser. 162,538, Mar. 20.
Herrmann, Ernest, New York, N. Y., assignor to Heywood-Wakefield Company, Gardner, Mass. Vanity table or similar article. 164,579, Sept. 18.
Herrmann, Ernest, New York, N. Y., assignor to Heyward-Wakefield Company, Gardner, Mass. Bed. 165,074, Nov. 6.
Herro, Baraket L., Milwaukee, Wis. Combination can and bottle opener. 163,386, May 22.
Herro, Baraket L., Milwaukee, Wis. Combination can and bottle opener. 163,387, May 22.
Hertz, Henry C., Jackson, Mich., assignor to The Dial-Writer Company. Toy typewriter. 163,039, Apr. 24.
Herzig, Harold L.: *See*—
Reichelderfer, Charles A., Raymer, and Herzig.
Heschel, Eugene A., Vickery, assignor to The Bingham-Herbrand Corporation, Toledo, Ohio. Motor stethoscope or the like. 163,282, May 15.
Hettrick Manufacturing Company, The, assignee: *See*—
Smith, Isidore P.
Hewitt, Clarence A.: *See*—
Hewitt, Clarence C. and C. A.
Hewitt, Clarence C. and C. A., Gettysburg, Pa. Refrigerator wagon. 162,163, Feb. 27.
Heydt, Herman P., Minneapolis, Minn. Combined sprayer nozzle and handgrip. 162,655, Mar. 27.
Heyer, Arthur J., Oak Park, and F. K. Moore, assignors to The Heyer Corporation, Chicago, Ill. Portable duplicator. 165,332, Dec. 4.
Heyer Corporation, The, assignee: *See*—
Heyer, Arthur J., and Moore.
Heyes, Douglas, Los Angeles, Calif., assignor to Donald F. Duncan, Inc., Chicago, Ill. Animated display device. 162,027, Feb. 20.
Heywood-Wakefield Company, assignee: *See*—
Carr, William J.
Herrmann, Ernest.
Hibbard, Richard J., Chester, Pa. Textile fabric or similar article. 162,301, Mar. 6.
Hickok Manufacturing Co. Inc., assignee: *See*—
Brady, Francis A.
Spanganberg, Clifford A.
Vaisey, Harold C., and Whitehouse.
Hiebert, John, Hillsboro, Kans. Table. 164,365, Aug. 28.
Hiestand, Martha P., assignor to The Handcraft Company, Inc., Princeton, Wis. Slipper sock. 165,284, Nov. 27.
Higgins, Louis W.: *See*—
Platz, Elwood T., Robertson, and Higgins.
Robertson, William, and Higgins.
Higginson, George J., Bronxville, N. Y., assignor to Johnson Bros. (Hanley) Limited, Stoke-on-Trent, England. Plate or similar article. 164,001, July 24.
Higginson, George J., Bronxville, N. Y., assignor to Johnson Bros. (Hanley) Limited, Stoke-on-Trent, England. Plate or similar article. 164,113, July 31.
Higginson, George J., Bronxville, N. Y., assignor to Johnson Bros. (Hanley) Limited, Stoke-on-Trent, England. Plate or similar article. 164,860, Oct. 16.
Higginson, George J. Bronxville, N. Y., assignor to Johnson Bros. (Hanley) Limited, Hanley, Stoke-on-Trent, England. Plate or similar article. 165,522, Dec. 25.
Higgs and Hill Limited, assignee: *See*—
Harrison, John P.
High, Fred R.: *See*—
Vuillemenot, Fred A., and High.
High, Otis L.: *See*—
Snapp, Otto L., and High.
Higier, Julius A., assignor to Crescendoe Gloves, Inc., Johnstown, N. Y. Glove. 161,444, Jan. 2.
Higier, Julius A., assignor to Crescendoe Gloves, Inc., Johnstown, N. Y. Glove. 161,445, Jan. 2.
Higier, Julius A., assignor to Crescendoe Gloves, Inc., Johnstown, N. Y. Glove. 161,446, Jan. 2.
Higier, Julius A., assignor to Crescendoe Gloves, Inc., Johnstown, N. Y. Glove. 161,447, Jan. 2.
Higier, Julius A., assignor to Crescendoe Gloves, Inc., Johnstown, N. Y. Glove. 161,582, Jan. 9.
Higier, Julius A., assignor to Crescendoe Gloves, Inc., Johnstown, N. Y. Glove. 161,583, Jan. 9.
Higier, Julius A., assignor to Crescendoe Gloves, Inc., Johnstown, N. Y. Glove. 162,028, Feb. 20.
Higier, Julius A., assignor to Crescendoe Gloves, Inc., Johnstown, N. Y. Glove. 162,029, Feb. 20.
Higier, Ross H., Johnstown, N. Y. Glove. 161,753, Jan. 30.
Higier, Ross H., Johnstown, N. Y. Glove. 162,656, Mar. 27.
Higier, Ross H., Johnstown, N. Y. Glove. 162,657, Mar. 27.
Higier, Ross H., Johnstown, N. Y. Glove. 162,727, Apr. 3.
Higier, Ross H., Johnstown, N. Y. Glove. 162,728, Apr. 3.
Higier, Ross H., Johnstown, N. Y. Glove. 162,729, Apr. 3.
Higier, Ross H., Johnstown, N. Y. Glove. 162,730, Apr. 3.
Higier, Ross H., Johnstown, N. Y. Glove. 162,731, Apr. 3.
Higier, Ross H., Johnstown, N. Y. Glove. 162,732, Apr. 3.
Higier, Ross H., Johnstown, N. Y. Glove. 162,954, Apr. 17.
Higier, Ross H., Johnstown, N. Y. Glove. 163,040, Apr. 24.
Higier, Ross H., Johnstown, N. Y. Glove. 163,041, Apr. 24.
Higier, Ross H., Johnstown, N. Y. Glove. 163,042, Apr. 24.
Higier, Ross H., Johnstown, N. Y. Glove. 163,043, Apr. 24.
Higier, Ross H., Johnstown, N. Y. Glove. 163,388, May 22.
Higier, Ross H., Johnstown, N. Y. Glove. 163,389, May 22.
Higier, Ross H., Johnstown, N. Y. Glove. 163,519, June 5.
Hill, Clarence C., Los Angeles, Calif. Sewing stand. 162,164, Feb. 27.
Hill, Corydon W., assignee: *See*—
King, Theodore T.
Hill, Don E., and E. E. Petersen, Clinton, Iowa. Deck of playing cards. 162,030, Feb. 20.
Hill, Harold W., Columbus, Ga. Top for vehicle body. 164,238, Aug. 14.
Hill, Joseph A., Glen Ellyn, Ill. Combined cream and sugar vessels and tray therefor. 165,075, Nov. 6.
Hill, Joseph A., Glen Ellyn, Ill. Combined jars and tray unit. 165,076, Nov. 6
Hiller, Benjamin W., Chico, Calif. Toothbrush holder. 163,179, May 8.
Hillery, Arthur M., Leominster, Mass. Animated toy figure. 163,868, July 10.
Hinckley, Lawrence B., Fillmore, Calif. Spoon holder. 161,836, Feb. 6.
Hines Flask Company, assignee: *See*—
Hines, James F.
Hines, James F., Lakewood, assignor, by mesne assignments, to Hines Flask Company, Cleveland, Ohio. Mold jacket. 164,494, Sept. 11.
Hinman, George R., Sands Point, assignor to Pioneer Scientific Corporation, New York, N. Y. Sunglass. 163,869, July 10.
Hinz, Lester F., Los Gatos, Calif. Container for doll. 164,924, Oct. 23.
Hinzenberg, Valdemar A., New York, N. Y. Game board. 164,495, Sept. 11.
Hires, Charles E., Company, The, assignee: *See*—
Roop, Nathan W.
Hirschman, Irving, Brooklyn, N. Y. Pair of spectacles or similar article. 162,828, Apr. 10.
Hirschman, Irving, Brooklyn, N. Y. Spectacle frame or similar article. 162,955, Apr. 17.
Hirst, Arthur L., Halton, near Lancaster, and V. M. Bullock, Nether Kellet, near Carnforth, England. Playing card or similar article. 162,165, Feb. 27.

Hitchcock, Richard E., Birmingham, Mich., assignor to Kurz-Kasch, Inc., Dayton, Ohio. Knob. 162,733, Apr. 3.
Hitchcock, Richard E., Birmingham, Mich., assignor to Kurz-Kasch, Inc., Dayton, Ohio. Knob. 162,734, Apr. 3.
Hitchcock, Richard E., Birmingham, Mich., assignor to Sears, Roebuck and Co., Chicago, Ill. Kitchen range. 163,520, June 5.
Hitchcock, Richard E., Birmingham, Mich., assignor to Sears, Roebuck and Co., Chicago, Ill. Backguard panel for cooking stoves. 164,925, Oct. 23.
Hitchcock, Richard E., Birmingham, Mich., assignor to Sears, Roebuck and Co., Chicago, Ill. Kitchen range. 164,926, Oct. 23.
Hitchcock, William F., Danvers, Mass. Door knocker. 164,774, Oct. 9.
Hoag, Roderick W., Melrose, Mass. Shaker package. 161,837, Feb. 6.
Hoagland, Earl J., Chicago, Ill., assignor to Standard Safety Equipment Co. Tablet dispenser. 161,839, Feb. 6.
Hobbs Manufacturing Company, assignee: *See*— Grilley, Edmund S., and Nolan.
Hobbs, Ralph W., Minneapolis, Minn. Pitcher or the like. 163,117, May 1.
Hobe, William W., New York, N. Y. Display container for a perfume bottle or the like. 164,927, Oct. 23.
Hobe, William W., New York, N. Y. Display container for a perfume bottle or the like. 164,928, Oct. 23.
Hobe, William W., New York, N. Y. Combined bottle and stopper. 164,929, Oct. 23.
Hobhouse, Frances, New York, N. Y. Display stand or similar article. 164,496, Sept. 11.
Hockery, John, assignee, trustee: *See*— Houbolt, Neil.
Hockery, John C., trustee, assignee: *See*— Talge, Henry J., and Aberer.
Hodgman, Clare E.: *See*— Dunbar, James H., Jr., and Hodgman.
Hodgman, Clare E., New York, N. Y., assignor to The Vulcan Radiator Company, Hartford, Conn. Radiator cover. 164,420, Sept. 4.
Hodgman, Clare E., New York, N. Y., assignor to The Vulcan Radiator Company, Hartford, Conn. Radiator cover. 164,421, Sept. 4.
Hoeflich, Victor T., Bronx, N. Y. Helmet radio receiver. 162,829, Apr. 19.
Hoehn, John G., Pennsboro, W. Va. Ash tray. 164,497, Sept. 11.
Hoek, Leo A., Los Angeles, Calif. Cutlery sharpener. 163,044, Apr. 24.
Hoeker, Bert: *See*— Anderson, Robert I., and Hoeker.
Hoey, Perry H., Silver Spring, Md. Combined hand truck and ladder. 163,604, June 12.
Hoffenberg, Isidor, Milford, Conn., assignor to A. Werman & Sons, Inc., Brooklyn, N. Y. Shoe sole. 162,830, Apr. 10.
Hoffman, Archie A., Peoria, Ill. Combined turntable unit and lamp. 163,605, June 12.
Hoffman, Clarence V., Whittier, Calif. Necktie holder. 163,283, May 15.
Hoffman, Clarence V., Whittier, Calif. Towel holder. 164,580, Sept. 18.
Hoffmann, Siegfried, New York, N. Y. Combined bank and stand. 161,838, Feb. 6.
Hofmann, Robert, Inglewood, Calif. Jar. 163,390, May 22.
Holan, J. H., Corporation, assignee: *See*— Holan, James H., and Troche.
Holan, James H., Rocky River, and H. J. Troche, Fairview Village, assignors to J. H. Holan Corporation, Cleveland, Ohio. Utility truck body. 162,658, Mar. 27.
Holden, Marguerite H., assignee: *See*— Holden, Orloff W.
Holden, Orloff W., assignor to O. W. and M. H. Holden, doing business as Knickerbocker Rubber Company, Not Inc., Chicago, Ill. Water faucet aerator. 164,422, Sept. 4.
Holiday Hosiery Mills, Inc., assignee: *See*— Woodrow, Charles N.
Holford, Thelma E., Jonesboro, Ark. Doll. 161,691, Jan. 23.
Holford, Thelma E., Jonesboro, Ark. Doll. 161,692, Jan. 23.
Holland Furnace Company, assignee: *See*— Harris, Lemuel J.
Hollins, Jesse R., Brooklyn, N. Y. Indicator lamp. 162,539, Mar. 20.
Hollins, Jesse R., Brooklyn, N. Y. Switch for vehicle signaling system. 163,284, May 15.
Hollis, Norman, assignor to Rosedale Associated Manufacturers Limited, London, England. Toy elephant. 164,930, Oct. 23.
Holloway, Leon E., Anaheim, Calif. Combined knob for gear shifts and cigarette lighter. 161,448, Jan. 2.
Hollstein, Oswald C., Secaucus, N. J., assignor to F-R Machine Works. X-ray apparatus. 163,753, June 26.
Holophane Company, Inc., assignee: *See*— Franck, Kurt. McPhail, Robert G.
Home Furniture Co., assignee: *See*— Adkinson, Joseph. Herrmann, Ernest.
Honeck, Bertha E., Milwaukee, Wis. Doll. 161,629, Jan. 16.
Honer, Henry, Los Angeles, assignor to Western Stove Co., Inc., Culver City, Calif. Stove and cabinet unit. 165,285, Nov. 27.
Hood, Carl W., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Lens housing for automobile lamps. 161,754, Jan. 30.
Hood, Carl W., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Reflector housing for an automobile fender. 162,166, Feb. 27.
Hooks, Frances L., Gadsden, Ala. Cord terminal for Venetian blinds. 162,659, Mar. 27.
Hooven, Florence S., executrix: *See*— Hooven, Howard D.
Hooven, Howard, Doylestown, assignor to Quaker Lace Company, Philadelphia, Pa Lace table cover. 162,031, Feb. 20.
Hooven, Howard, Doylestown, assignor to Quaker Lace Company, Philadelphia, Pa. Lace table cover. 162,032, Feb. 20.
Hooven, Howard, Doylestown, assignor to Quaker Lace Company, Philadelphia, Pa. Lace table cover. 162,033, Feb. 20.
Hooven, Howard, Doylestown, assignor to Quaker Lace Company, Philadelphia, Pa. Lace table cover. 162,034, Feb. 20.
Hooven, Howard, Doylestown, assignor to Quaker Lace Company, Philadelphia, Pa. Lace table cover. 162,035, Feb. 20.
Hooven, Howard, Doylestown, assignor to Quaker Lace Company, Philadelphia, Pa. Lace tablecloth. 163,045, Apr. 24.
Hooven, Howard D., deceased; by F. S. Hooven, executrix, Doylestown, Pa., assignor to Quaker Lace Company. Tablecloth. 165,424, Dec. 18.
Hooven, Howard D., deceased; by F. S. Hooven, executrix, Doylestown, Pa., assignor to Quaker Lace Company. Tablecloth. 165,425, Dec. 18.
Hooven, Howard D., deceased; by F. S. Hooven, executrix, Doylestown, Pa., assignor to Quaker Lace Company. Tablecloth. 165,426, Dec. 18.
Hooven, Howard D., deceased; by F. S. Hooven, executrix, Doylestown, Pa., assignor to Quaker Lace Company. Tablecloth. 165,427, Dec. 18.
Hooven, Howard D., deceased; by F. S. Hooven, executrix, Doylestown, Pa., assignor to Quaker Lace Company. Tablecloth. 165,428, Dec. 18.
Hooven, Howard D., deceased; by F. S. Hooven, executrix, Doylestown, Pa., assignor to Quaker Lace Company. Tablecloth. 165,429, Dec. 18.
Hooven, Howard D., deceased; by F. S. Hooven, executrix, Doylestown, Pa., assignor to Quaker Lace Company. Tablecloth. 165,430, Dec. 18.
Hooven, Howard D., deceased; by F. S. Hooven, executrix, Doylestown, Pa., assignor to Quaker Lace Company. Tablecloth. 165,431, Dec. 18.
Hooven, Howard D., deceased; by F. S. Hooven, executrix, Doylestown, Pa., assignor to Quaker Lace Company. Tablecloth. 165,432, Dec. 18.
Hooven, Howard D., deceased; by F. S. Hooven, executrix, Doylestown, Pa., assignor to Quaker Lace Company. Tablecloth. 165,433, Dec. 18.
Hooven, Howard D., deceased; by F. S. Hooven, executrix, Doylestown, Pa., assignor to Quaker Lace Company. Tablecloth. 165,434, Dec. 18.
Hooven, Howard D., deceased; by F. S. Hooven, executrix, Doylestown, Pa., assignor to Quaker Lace Company. Tablecloth. 165,435, Dec. 18.
Hooven, Howard D., deceased; by F. S. Hooven, executrix, Doylestown, Pa., assignor to Quaker Lace Company. Tablecloth. 165,436, Dec. 18.
Hooven, Howard D., deceased; by F. S. Hooven, executrix, Doylestown, Pa., assignor to Quaker Lace Company. Tablecloth. 165,437, Dec. 18.
Hooven, Howard D., deceased; by F. S. Hooven, executrix, Doylestown, Pa., assignor to Quaker Lace Company. Tablecloth. 165,438, Dec. 18.
Hooven, Howard D., deceased; by F. S. Hooven, executrix, Doylestown, Pa., assignor to Quaker Lace Company. Tablecloth. 165,439, Dec. 18.
Hooven, Howard D., deceased; by F. S. Hooven, executrix, Doylestown, Pa., assignor to Quaker Lace Company. Tablecloth. 165,440, Dec. 18.
Hooven, Howard D., deceased; by F. S. Hooven, executrix, Doylestown, Pa., assignor to Quaker Lace Company. Tablecloth. 165,441, Dec. 18.
Hooven, Howard D., deceased; by F. S. Hooven, executrix, Doylestown, Pa., assignor to Quaker Lace Company. Tablecloth. 165,442, Dec. 18.
Hooven, Howard D., deceased; by F. S. Hooven, executrix, Doylestown, Pa., assignor to Quaker Lace Company. Tablecloth. 165,443, Dec. 18.
Hooven, Howard D., deceased; by F. S. Hooven, executrix, Doylestown, Pa., assignor to Quaker Lace Company. Tablecloth. 165,444, Dec. 18.
Hooven, Howard D., deceased; by F. S. Hooven, executrix, Doylestown, Pa., assignor to Quaker Lace Company. Tablecloth. 165,445, Dec. 18.

Hooven, Howard D., deceased; by F. S. Hooven, executrix, Doylestown, Pa., assignor to Quaker Lace Company. Tablecloth. 165,446, Dec. 18.
Hooven, Howard D., deceased; by F. S. Hooven, executrix, Doylestown, Pa., assignor to Quaker Lace Company. Tablecloth. 165,447, Dec. 18.
Hooven, Howard D., deceased; by F. S. Hooven, executrix, Doylestown, Pa., assignor to Quaker Lace Company. Tablecloth. 165,448, Dec. 18.
Hooven, Howard D., deceased; by F. S. Hooven, executrix, Doylestown, Pa., assignor to Quaker Lace Company. Tablecloth. 165,449, Dec. 18.
Hooven, Howard D., deceased; by F. S. Hooven, executrix, Doylestown, Pa., assignor to Quaker Lace Company. Tablecloth. 165,450, Dec. 18.
Hooven, Howard D., deceased; by F. S. Hooven, executrix, Doylestown, Pa., assignor to Quaker Lace Company. Tablecloth. 165,451, Dec. 18.
Hooven, Howard D., deceased; by F. S. Hooven, executrix, Doylestown, Pa., assignor to Quaker Lace Company. Tablecloth. 165,452, Dec. 18.
Hooven, Howard D., deceased; by F. S. Hooven, executrix, Doylestown, Pa., assignor to Quaker Lace Company. Tablecloth. 165,453, Dec. 18.
Hooven, Howard D., deceased; by F. S. Hooven, executrix, Doylestown, Pa., assignor to Quaker Lace Company. Tablecloth. 165,454, Dec. 18.
Hooven, Howard D., deceased; by F. S. Hooven, executrix, Doylestown, Pa., assignor to Quaker Lace Company. Tablecloth. 165,455, Dec. 18.
Hooven, Howard D., deceased; by F. S. Hooven, executrix, Doylestown, Pa., assignor to Quaker Lace Company. Tablecloth. 165,456, Dec. 18.
Hoover Company, The, assignee: *See*—
Dreyfuss, Henry.
Hopkins, Guy T., Pendleton, S. C. Condiment shaker. 161,755, Jan. 30.
Hopp, Max, New York, N. Y. Desk advertising perpetual calendar. 161,840, Feb. 6.
Horne, Willard R., New York, assignor to Corning Glass Works, Corning, N. Y. Tumbler or similar article. 162,302, Mar. 6.
Horowitz, Isac, New York, N. Y. Clock or similar article. 164,686, Oct. 2.
Horwitch, Philip R., assignor to Paramount Manufacturing Company, Leominster, Mass. Flower pot trellis. 161,930, Feb. 13.
Horwitch, Philip R., assignor to Paramount Manufacturing Company, Leominster, Mass. Pencil. 163,606, June 12.
Horwitz, Sam, Chicago, Ill. Commercial electric baking and roasting oven. 164,239, Aug. 14.
Hospital Picture Service Corporation, assignee: *See*—
Clark, Robert B.
Hotpoint Inc., assignee: *See*—
Sandin, Ray C., and Steinbach.
Steinbach, Thomas M.
Houbolt, Neil, Joliet, Ill., assignor to J. C. Hockery, Kansas City, Mo., as trustee. Deep fat fryer. 164,581, Sept. 18.
Houdaille-Hershey Corporation, assignee: *See*—
Ford, Walter B., II.
Hough, Frank G., Co., The, assignee: *See*—
Beyerstedt, Ralph L.
Houpt, Donald T., Minneapolis, Minn., assignor to Boeing Airplane Company. Prefabricated, multiple-unit utility cabinet or the like. 263,754, June 26.
Housen, Morris, Erving, Mass., assignor to Erving Paper Mills. Paper napkin dispenser. 161,630, Jan. 16.
Housen, Morris, Erving, Mass., assignor to Erving Paper Mills. Embossed paper napkin or the like. 164,582, Sept. 18.
Houston, Paul H., Fairmont, W. Va. Sun shield. 164,304, Aug. 21.
Hoven, Alfred C., and W. E. Nordmark, assignors to American Seating Company, Grand Rapids, Mich. Theater loge chair. 165,457, Dec. 18
Hovey, C. Earl, assignee, trustee: *See*—
Manley, Warren O.
Howard, Gretyl, Sioux City, Iowa. Combination cigarette holder and ash tray. 163,755, June 26.
Howard, Viola T., Saylesville, R. I., assignor to Swank, Inc. Necktie holder. 161,631, Jan. 16.
Howard, Wallace R.: *See*—
Greiling, David J., and Howard.
Howell, Tyler, Jonesville, Mich. Signal flare. 164,423, Sept. 4.
Hoza, John, Belcamp, Md. Shoe sole. 161,449, Jan. 2.
Hsu, James, Great Neck, N. Y. Combined tricycle and cab. 162,540, Mar. 20.
Hsu, James, Great Neck, N. Y. Set of playing pieces. 162,541, Mar. 20.
Huber, Charles L., Elba, assignor to Taylor Instrument Companies, Rochester, N. Y. Floating compass dial. 163,285, May 15.
Huber, Paul, Hillside, N. J. Electrical measuring instrument. 161,931, Feb. 13.
Huck, Joseph, Tenafly, N. J., assignor to The Patent Scaffolding Co., Inc., Long Island City, N. Y. Portable grandstand unit. 164,424, Sept. 4.
Hucke, Melvin L., Dayton, Ohio, assignor to The Dayton Rubber Company. Textile fabric or similar flat surface material. 163,607, June 12.
Hudson Motor Car Company, assignee: *See*—
Toncray, Millard H., and Spring.
Huff, William H., assignor to Propulsion Engine Corporation, Kansas City, Kans. Rotary mower housing. 163,696, June 19.
Huffaker, Robert M., D. S. Larson, E. J. Laue, R. E. Reedy, and R. G. Davis, Columbus, assignors, by mesne assignments, to Reconstruction Finance Corporation, Cleveland, Ohio. Trailer. 161,450, Jan. 2.
Hufford, Harold S., Allentown, Pa. Christian armor pin. 163,457, May 29.
Hughes, Arthur O., Anglesey, North Wales. Combination grinding and surfacing tool. 162,303, Mar. 6.
Hughes, Burrel V., Detroit, Mich. Easel head. 164,632, Sept. 25.
Hughes, John, Jr.: *See*—
Stevens, Clifford B., and Hughes.
Hughes, Roland T., Oak Park, Ill. Floor lamp or similar article. 163,046, Apr. 24.
Hull, Robert R., Pasadena, assignor to California Fruit Growers Exchange, Los Angeles, Calif. Refrigerated beverage dispenser. 164,498, Sept. 11.
Humphrey, Fred P., Los Angeles, Calif. Fishline sinker. 162,660, Mar. 27.
Humphries, Earle E., Los Angeles, Calif. Packaged seed display stand. 161,451, Jan. 2.
Hunter Fan and Ventilating Company, assignee: *See*—
Jones, Charles E., and Crowle.
Hunter, William H., Flushing, Mich. Rotary spit. 161,756, Jan. 30.
Hunting, Leonard A., Independence, Mo., and L. M. Goldstine, Chicago, Ill. Trim bar for automobile fenders or the like. 162,167, Feb. 27.
Huntoon, Russell C., San Diego, Calif. Automobile sun visor. 162,831, Apr. 10.
Hunziker, Margot, New York, N. Y. Removable lamp shade cover. 162,735, Apr. 3.
Hurwitz, Bernard, New York, N. Y. Combined dress and scarf. 161,757, Jan. 30.
Hurwitz, Bernard, New York, N. Y. Dress ensemble. 162,956, Apr. 17.
Hurwitz, Bernard, New York, N. Y. Dress. 162,957, Apr. 17.
Hurwitz, Eda A., Marblehead, Mass. Combined table and storage unit. 162,542, Mar. 20.
Hurwitz, Jacob E., Brooklyn, N. Y. Container for playing cards. 162,832, Apr. 10.
Hutcheson, Ray R., assignor to E. A. Laboratories, Inc., Brooklyn, N. Y. Combination hair drier and heater. 163,180, May 8.
Hutcheson, William S., Omaha, Nebr. Holder for match books. 165,374, Dec. 11.
Huxtable, Robert W., assignor to Millers Falls Company, Greenfield, Mass. Keyhole saw. 162,736, Apr. 3.
Hvale, James L., assignor to Ekco Products Company, Chicago, Ill. Carving set holder. 161,452, Jan. 2.
Hvale, James L., assignor to Ekco Products Company, Chicago, Ill. Knife set holder. 161,453, Jan. 2.
Hvale, James L., assignor to Ekco Products Company, Chicago, Ill. Side handle for cooking utensils and the like. 162,737, Apr. 3.
Hvale, James L., assignor to Ekco Products Company, Chicago, Ill. Knob for cooking utensils and the like. 162,738, Apr. 3.
Hyde, Alex, Santa Barbara, Calif. Foot disinfecting unit. 163,804, July 3.
Hyde Manufacturing Company, assignee: *See*—
Ferguson, Alan C., and La Croix.
Hyman, Henry, assignee: *See*—
Abel, Jacob, and Zwierzynski.
Iannelli, Alfonso, Park Ridge, Ill., assignor to John Oster Manufacturing Company, Racine, Wis. Household mixer. 161,454, Jan 2.
Iannelli, Alfonso, Park Ridge, Ill., assignor to John Oster Manufacturing Company, Racine, Wis. Household mixer. 162,833, Apr. 10.
Iannelli, Alfonso, Park Ridge, Ill., assignor to John Oster Manufacturing Company, Racine, Wis. Knife sharpener. 165,523, Dec. 25.
Ibanez, Joseph, New York, N. Y. Combined ash tray and glass holding unit. 162,036, Feb. 20.
Ibanez, Joseph, New York, N. Y. Combined ash tray and glass holder. 162,037, Feb. 20.
Identatray Corporation, assignee: *See*—
Devitt, William J.
Illinois Watch Case Co., assignee: *See*—
Prescott, Robert K.
Imelmann, Henry L., assignor to Fastener Corporation, Chicago, Ill. Stapler. 161,932, Feb. 13.
Imershein, Mathias, assignor to Graceform-Camlin Corset Co., Inc., New York, N. Y. Girdle. 162,661, Mar. 27.
Imershein, Mathias, assignor to Graceform-Camlin Corset Co., Inc., New York, N. Y. Girdle. 164,366, Aug. 28.
Imperial Brass Manufacturing Company, The, assignee: *See*—
Franck, George E.
Imperial Glass Company, assignee: *See*—
Gustkey, Carl W.
Uhrmann, Carl J.
Indian Trailer Corporation, assignee: *See*—
Bartholomew, Harry L.
Industrial Lamp Corporation, assignee: *See*—
William, Oliver H.

Industrial Tape Corporation, assignee: *See*—
Stanley, Alexander J., and Nicholls.
Ingard, Karl U., Newton Center, Mass., assignor to Manning, Maxwell & Moore. Incorporated, New York, N. Y. Whistle or similar article. 164,861, Oct. 16.
Ingenbrand, Erich J., Reichenbach uber Bensheim im Odenwald, Germany. Camera. 163,458, May 29.
Ingle, Orlando F., assignor to Cyclelite Manufacturing Company, Inc., Richmond, Ind. Lens unit for a combined tail and signal light. 162,543, Mar. 20.
Ingwer, Carl H., and C. E. Wright, Elyria, Ohio. Pipe vise. 164,687, Oct. 2.
Inland Steel Container Company, assignee: *See*—
Churan, Roy G., and Lawless.
Jones, Paul A., and Churan.
Inman, Walter A., assignor to Waukegan Baby Seat Co., Waukegan, Ill. Toilet seat adaptor or similar article. 164,499, Sept. 11.
International Business Machines Corporation, assignee: *See*—
Kress, George H.
International Harvester Company, assignee: *See*—
Koeber, Theodore H.
Selzer, James R.
Trame, Charles E.
Walker, George W.
International Silver Company, The, assignee: *See*—
Conroy, Edward J.
Helander, Lillian V. M.
Interstate Engineering Corporation, assignee: *See*—
Theis, William T., and Green.
Inventors Enterprises, Inc., assignee: *See*—
Voelker, Jane E., E. M., and Sabbagh.
Ippolito, Domenick, Glendale, Calif. Toy pistol. 162,662, Mar. 27.
Irwin Foundry and Mine Car Company, assignee: *See*—
Sensenich, Earl W.
Irwin, George C., Clayton, and A. W. Willert, Jr., Webster Groves, Mo. Container for moth preventive cake or the like. 163,181, May 8.
Ischinger, Alfred E., Reading, Pa. Stocking. 164,633, Sept. 25.
Ischinger, Alfred E., Reading, Pa. Stocking. 164,634, Sept. 25.
Ischinger, Alfred E., Reading, Pa. Stocking. 164,635, Sept. 25.
Ischinger, Alfred E., Reading, Pa. Stocking. 164,636, Sept. 25
Ischinger, Alfred E., Reading, Pa. Stocking. 164,637, Sept. 25.
Ischinger, Alfred E., Reading Pa. Stocking. 164,638, Sept. 25.
Ischinger, Alfred E., Reading, Pa. Stocking. 164,756, Oct. 2.
Ish-Shalom, Samu-El, New York, N. Y. Sandal or similar article. 162,168, Feb. 27.
Isler, Arthur R., Warren, Ohio. Holder for use in abrasive operations. 163,118, May 1.
Ivers-Lee Company, assignee: *See*—
Salfisberg, Leroy L.
Ives, Burton H., Chicago, Ill. Bracket for supporting kitchen articles. 162,958, Apr. 17.
Ives, Burton H., Chicago, Ill. Telephone bracket for memorandum pad. 164,173, Aug. 7.
Ives, Burton H., Chicago, Ill. Clothes rack. 164,500, Sept. 11.
Iwanoski, Michael, Newark, N. J. Flower holder. 163,182, May 8.
Iwanoski, Michael, Newark, N. J. Combined wall bracket and flower holder or the like. 163,870, July 10.
Izzi, Edmund L.: *See*—
Baker, Benjamin P., Leeds, and Izzi.
Florschutz, Fritz E., Aspey, and Izzi.
Jack, David G., Houston, Tex. Sterilizer for telephone mouthpiece. 164,993, Oct. 30.
Jackes-Evans Manufacturing Company, assignee: *See*—
MacDougall, Franklin M.
Jackson, Euphemia M., assignee: *See*—
Paly, Sol.
Jackson, George B., assignee: *See*—
Paly, Sol.
Jackson, John F., Cleveland, Ohio. Belt buckle. 161,632, Jan. 16.
Jacobs, William H., Akron, Ohio. Golf club head. 164,367, Aug. 28.
Jacobs, William H., Akron, Ohio. Golf club head. 165,458, Dec. 18
Jacobson, Abraham J., assignor of one-half to H. Jacobson, Chicago, Ill. Combination soap dispenser and massage device. 163,756, June 26.
Jacobson, Harold: *See*—
Jacobson, Abraham J.
Jacoby-Bender, Inc., assignee: *See*—
Rodriguez, Emil.
Jacquet, Urban J., Oakland, Calif. Container for deodorant dispensing bottles. 163,608, June 12.
Jaffe, Samuel R., Chicago, Ill. Automobile hood ornament. 163,950, July 17.
Jakubovitz, Herman, Sao Paulo, Brazil. Handbag or the like. 164,639, Sept. 25
James, Frazier N., assignor to Lone Star Vender Corp., Dallas, Tex. Bottle vending machine or similar article. 162,544, Mar. 20.
Jameson, William, Miami, Fla. Storage cabinet or similar article. 164,501, Sept. 11.
Janedale Hosiery Mills, Inc., assignee: *See*—
Dost, Emil F. P.
Janes, Arthur B., and G. V. Zaccardo, Seattle, Wash. Bottle holder. 162,959, Apr. 17.
Janes, Richard B., Baldwin Lake, assignor to Gibson Refrigerator Company, Greenville, Mich. Butter container. 163,047, Apr. 24.
Janes, Richard B., Baldwin Lake, Greenville, assignor to Gibson Refrigerator Company, Greenville, Mich. Cooking range. 164,174, Aug. 7.
Janes, Richard B., Baldwin Lake, Greenville, and J. W. Snider, Buchanan, assignors to Gibson Refrigerator Company, Greenville, Mich. Refrigerator cabinet. 164,931, Oct. 23.
Janeshutz, Anton C., Caracas, Venezuela. Receptacle for attachment to vehicle sun visors. 162,834, Apr. 10.
Jansma, John P., Broadview, Mont. Smoking stand. 162,835, Apr. 10.
Jantzen Knitting Mills Inc., assignee: *See*—
Timmons, Elizabeth N.
Jason, Leon, New York, N. Y. Combination toothbrush and toothbrush holder. 163,391, May 22.
Jay, Benjamin F., and M. Feintuch, Brooklyn, assignors to Magnafax Corporation, New York, N. Y. Educational toy. 164,583, Sept. 18.
Jeffrey, Ruth B., Miami, Fla. Beach robe. 163,459, May 29.
Jenkins, Howard M., Jr., Detroit, assignor to Van Auken, Inc., Ferndale, Mich. Automobile grille guard. 161,455, Jan. 2.
Jensen, Volmer: *See*—
Buschmann, Rudi P., and Jensen.
Jenson, Kenneth S., assignor to Prentiss Wabers Products Company, Wisconsin Rapids, Wis. Utensil supporting rack. 163,286, May 15.
Jepson, Ivar, Oak Park, assignor to Sunbeam Corporation, Chicago, Ill. Egg cooker. 162,038, Feb. 20.
Jepson, Ivar, Oak Park, assignor to Sunbeam Corporation, Chicago, Ill. Casing for an electric shaver. 162,836, Apr. 10.
Jernigan, Albert V., Dallas, Tex. Lighting fixture. 162,169, Feb. 27.
Jester-Lance Mfg. Co., assignee: *See*—
Jester, Verne.
Jester, Verne, assignor to Jester-Lance Mfg. Co., Phoenix, Ariz. Incinerator. 162,545, Mar. 20.
Jimenez, Antonio C., New York, N. Y. Font of type. 164,688, Oct. 2.
Jiranek, Leo, New York, N. Y., assignor to Smokador Manufacturing Co., Inc., Bloomfield, N. J. Smoker's stand. 162,546, Mar. 20.
Joanell Company, assignee: *See*—
La Mura, Joseph L.
Johannesen, Allan N., Jeffersonville, Ind. Tent pin. 164,994, Oct. 30.
Johns, Carlton H., Downers Grove, and K. R. McKee, assignors to American Name Plate & Manufacturing Company, Chicago, Ill. Automatic coffee maker. 162,837, Apr. 10.
Johnsen, George V., Los Angeles, Calif. Automobile jack. 162,547, Mar. 20.
Johnson Bros. (Hanley) Limited, assignee: *See*—
Higginson, George J.
Johnson, Doris, New Brighton, assignor to Mayer China Company, Beaver Falls, Pa. Plate or the like. 164,640, Sept. 25.
Johnson, Everett A., Park Ridge, Ill. Stationer's fluid applicator or the like. 163,951, July 17.
Johnson, Gerald C., Bronxville, and A. A. Perelman, Brooklyn, assignors to Lily-Tulip Cup Corporation, New York, N. Y. Telescopic paper cup dispenser. 164,775, Oct. 9.
Johnson, Harold C., Downey, Calif. Combination playing card and canasta tray and case, or similar article. 164,862, Oct. 16.
Johnson, John J.: *See*—
Lempke, Milford W., Gentile, and Johnson.
Johnson & Johnson, assignee: *See*—
Burnham, Harold F.
Johnson, Letcher F., Opelika, Ala. Model airplane. 165,524, Dec. 25.
Johnson, Lillie M., Worcester, Mass. Combined hanger and pot holders. 164,175, Aug. 7.
Johnson, Nobel V.: *See*—
Wahlber, Paul E., and Johnson.
Johnson, Omer D., assignee: *See*—
Loyd, Richard N.
Johnson, Robert E., Duluth, Minn. Cigarette dispenser or similar article. 163,805, July 3.
Johnson, Robert W., Santa Ana, Calif. Stack binder sheet for displays of cans, jars, and the like, arranged in stacks. 161,584, Jan. 9.
Johnston, James R., Detroit, Mich. Cigarette holder. 163,952, July 17.
Johnston, Kenneth H., Berwyn, Ill., assignor to Doehler-Jarvis Corporation, New York, N. Y. Roaster. 162,960, Apr. 17.
Jones, Charles E.: *See*—
Bishop, Glenn A. and R. B., and Jones.
Crowle, Robert H., and Jones.

Jones, Charles E., assignor to General American Transportation Corporation, Chicago, Ill. Bottle carrier. 163,609, June 12.
Jones, Charles E., assignor to General American Transportation Corporation, Chicago, Ill. Bottle carrier. 163,871, July 10.
Jones, Charles E., assignor to General American Transportation Corporation, Chicago, Ill. Bottle carrier. 163,872, July 10.
Jones, Charles E., assignor to General American Transportation Corporation, Chicago, Ill. Bottle carrier. 163,873, July 10.
Jones, Charles E., assignor to Rockwell-Barnes Company, Chicago, Ill. Desk. 164,425, Sept. 4.
Jones, Charles E., Chicago, and R. H. Crowle, Berwyn, Ill., assignors to Hunter Fan and Ventilating Company, Incorporated, Memphis, Tenn. Electric fan. 164,114, July 31.
Jones, Charles E., Chicago, and R. H. Crowle, Berwyn, assignors to Cory Corporation, Chicago, Ill. Combination electric heater and fan casing. 164,776, Oct. 9.
Jones, Cohen D., Jr., Claxton, Ga. Beverage case or similar article. 162,548, Mar. 20.
Jones, Durward B.: *See*—
Anderson, Glen W., and Jones.
Jones, Elmer L., Los Angeles, Calif. Revolving playing card dispenser. 164,641, Sept. 25.
Jones, Eugenie J., Webster Groves, Mo. Greeting card or the like. 161,841, Feb. 6.
Jones, Eugenie J., Webster Groves, Mo. Greeting card or the like. 162,170, Feb. 27.
Jones, Eugenie J., Webster Groves, Mo. Greeting card or the like. 162,304, Mar. 6.
Jones, Eugenie J., Webster Groves, Mo. Greeting card or the like. 162,305, Mar. 6.
Jones, Eugenie J., Webster Groves, Mo. Greeting card or the like. 162,306, Mar. 6.
Jones, Eugenie J., Webster Groves, Mo. Greeting card or the like. 162,307, Mar. 6.
Jones, Eugenie J., Webster Groves, Mo. Greeting card or the like. 162,308, Mar. 6.
Jones, Eugenie J., Webster Groves, Mo. Greeting card or the like. 162,838, Apr. 10.
Jones, Eugenie J., Webster Groves, Mo. Informal card or the like. 164,368, Aug. 28.
Jones, George D., and L. C. Miller, assignors to Reelshav Corporation, Los Angeles, Calif. Razor magazine. 164,115, July 31.
Jones, James R., Jenkintown, assignor to Paulsboro Manufacturing Company, Fullerton, Pa. Hard surfaced floor covering. 162,171, Feb. 27.
Jones, Livingston E., Philadelphia, Pa. Rearview mirror head. 164,240, Aug. 14.
Jones, Paul A., and R. G. Churan, assignors to Inland Steel Container Company, Chicago, Ill. Heater casing or similar article. 163,183, May 8.
Jones, Paul A., and R. G. Churan, assignors to Inland Steel Container Company, Chicago, Ill. Radiant heater or similar article. 163,184, May 8.
Jones, Thomas H., Washington, D. C., assignor to the United States of America as represented by the Secretary of the Army. Trophy cup or similar article. 165,333, Dec. 4.
Jones, Walter L., South Wales, assignor to McDonald Products Corporation, Buffalo, N. Y. Ash tray cover. 162,172, Feb. 27.
Jordan, Harry F.: *See*—
Kreuter, Carl, and Jordan.
Jordan Regulator Corporation, assignee: *See*—
Bissell, Harry G.
Jordan, Richard H., Mansfield, Ohio, assignor to The Alliance Manufacturing Company. Remote control housing for antenna rotator. 161,934, Feb. 13.
Jordanoff, Assen, assignor, by mesne assignments, to Jordaphone Corporation of America, New York, N. Y. Telephone recorder cabinet. 161,842, Feb. 6.
Jordaphone Corporation of America, assignee: *See*—
Jordanoff, Assen.
Jorgensen, Clarence W., assignor to Superior Fastener Corporation, Chicago, Ill. Screen guard. 162,413, Mar. 13.
Joslyn, Stuart S., assignor to C. J. Bates & Son, Chester, Conn. Manicure kit. 165,459, Dec. 18.
Josten Manufacturing Company, assignee: *See*—
Barrager, Philip L.
Joutel, Louis R., assignor to Compagnie de Navigation Aerienne Air-France, Paris, France. Badge or similar article. 164,369, Aug. 28.
Joyce, Faie, assignor to Joyce, Inc., Pasadena, Calif. Shoe or similar article. 161,456, Jan. 2.
Joyce, Faie, assignor to Joyce, Inc., Pasadena, Calif. Shoe or similar article. 161,457, Jan. 2.
Joyce, Faie, assignor to Joyce, Inc., Pasadena, Calif. Shoe or similar article. 163,185, May 8.
Joyce, Inc., assignee: *See*—
Joyce, Faie.
Joyce, James B., Alhambra, assignor to N. A. Fisher, Los Angeles, and A. B. Mull, Hemet, Calif. Bubble blower. 162,414, Mar. 13.
Julien, Howard A., Wauwatosa, and R. McCartan, Jr., Milwaukee, Wis. Pin-up lamp. 162,173, Feb. 27.
Julien, Howard A., Wauwatosa, and R. A. McCartan, Jr., Milwaukee, Wis. Lamp or similar article. 163,119, May 1.
Junghans, Max, Boonton, N. J., assignor to Van Raalte Company, Inc., New York, N. Y. Lace top stocking. 165,525, Dec. 25.
Junior House, Inc., assignee: *See*—
Rosenberg, Sol J.
Jurisich, Frank, Jr.: *See*—
Pumilia, Charles, Jr., and Jurisich.
Justin, John S., Jr., Fort Worth, Tex. Cowboy boot. 164,502, Sept. 11.
Kafer, Clare, Palmyra, assignor to Revco, Inc., Deerfield, Mich. Display cabinet. 164,689, Oct. 2.
Kafer, Clare H., Palmyra, assignor to Revco, Inc., Deerfield, Mich. Handle for refrigerated cabinets. 165,375, Dec. 11.
Kafer, Clare H., Palmyra, assignor to Revco, Inc., Deerfield, Mich. Handle for refrigerated cabinets. 165,526, Dec. 25.
Kagran Corporation, assignee: *See*—
Smith, Robert E.
Kahn, David, Englewood, assignor to David Kahn, Inc., North Bergen, N. J. Fountain pen or similar article. 164,863, Oct. 16.
Kahn, David, Inc., assignee: *See*—
Kahn, David.
Kahn, Harry E., assignee: *See*—
Toler, Linster D.
Kahn, Julian S., Brooklyn, N. Y. Needle threader. 163,048, Apr. 24.
Kahn, Lester, Jersey City, N. J., assignor to E. I. du Pont de Nemours and Company, Wilmington, Del. Comb or similar article. 162,174, Feb. 27.
Kahn, Lester, Jersey City, N. J., assignor to E. I. du Pont de Nemours and Company, Wilmington, Del. Comb or similar article. 163,120, May 1.
Kahn, Lester, Jersey City, N. J., assignor to E. I. du Pont de Nemours and Company, Wilmington, Del. Comb or similar article. 163,287, May 15.
Kahn, Lester, Jersey City, N. J., assignor to E. I. du Pont de Nemours and Company, Wilmington, Del. Comb or similar article. 163,392, May 22.
Kahn, Mack, Cedarhurst, N. Y. Girdle. 162,415, Mar. 13.
Kaiser-Frazer Corporation, assignee: *See*—
Weissinger, Herbert F., and Kindred.
Kaiser, George W.: *See*—
Bazur, Steve, and Kaiser.
Kalex Corporation, assignee: *See*—
Clarke, Warren H.
Kaminski, Aloysius J., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Automobile trim. 161,458, Jan. 2.
Kaminski, Aloysius J., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Lens housing for automobile lamps. 161,758, Jan. 30.
Kaminski, Aloysius J., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Automobile fender. 162,175, Feb. 27.
Kaminski, Aloysius J., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Automobile fender. 162,839, Apr. 10.
Kammer, Vernon H., East Detroit, Mich. Electric lamp. 162,309, Mar. 6.
Kammerer, Harry G., assignor to Seneca Glass Company, Morgantown, W. Va. Goblet or similar article. 163,806, July 3.
Kandarian, Belle A., Fresno, Calif. Piano bench. 165,077, Nov. 6.
Kandarian, Belle A., Fresno, Calif. Pen and pencil holder. 165,156, Nov. 13.
Kane, Henry S., assignor to Amperized Tool Corp., Chicago, Ill. Butter spreader for ears of corn and the like. 163,121, May 1.
Kantarof, Sonia, Brooklyn, N. Y. Blouse. 163,288, May 15.
Kanus, Nicholaus, Cranford, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Cloth-plate for a sewing machine. 164,934, Oct. 23.
Kaplan, Leonard, Chicago, Ill. Exhaust pipe extension. 162,176, Feb. 27.
Kaplan, Nellie J., Chicago, Ill. Lamp base. 163,122, May 1.
Kaplan, Nellie J., Chicago, Ill. Lamp base. 163,123, May 1.
Kaplan, Rica E., New York, N. Y. Display device. 164,932, Oct. 23.
Kaplan, Samuel, Beverly Hills, Calif. Boot or similar article. 164,116, July 31.
Kaplan, Samuel, New York, and L. Stark, Brooklyn, assignors to Kastar Incorporated, New York, N. Y. Combination clothes hanger and carrier. 161,935, Feb. 13.
Kaplan, Sholom E., Hartford, Conn. Schoolbag. 163,807, July 3.
Karfiol, Edward, Great Neck, assignor to Royal Lace Paper Works, Inc., Brooklyn, N. Y. Doily. 162,310, Mar. 6.
Karfiol, Edward, Great Neck, assignor to Royal Lace Paper Works, Inc., Brooklyn, N. Y. Doily. 162,311, Mar. 6.
Karger, Robert F.: *See*—
Sleeman, William C., and Karger.
Karmen, Bernardo H., Banning, Calif. Mug. 161,459, Jan. 2.

Karns, James A., assignor to Fawick Flexi-Grip Company, Akron, Ohio. Golf club. 164,241, Aug. 14.
Karstadt, Clarence, Glen Ellyn, Ill., assignor to Birtman Electric Company. Portable vacuum cleaner. 162,312, Mar. 6.
Kartveli, Alexander, Huntington, assignor to Republic Aviation Corporation, near Farmingdale, N. Y. Airplane. 161,460, Jan. 2.
Kartveli, Alexander, Huntington, assignor to Republic Aviation Corporation, Farmingdale, N. Y. Airplane. 162,177, Feb. 27.
Kaskadusa Tool Company, Inc., assignee: *See*— De Felice, Victor.
Kasprow, Anthony F., assignee: *See*— Swanson, Bror W.
Kasprow, Felix A., assignee: *See*— Swanson, Bror W.
Kasprow, Joseph W., assignee: *See*— Swanson, Bror W.
Kasprow, Stephen G., assignee: *See*— Swanson, Bror W.
Kastar Incorporated, assignee: *See*— Kaplan, Samuel, and Stark.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Necklace or similar article. 161,461, Jan. 2.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Earring or similar article. 161,462, Jan. 2.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Earring or similar article. 161,463, Jan. 2.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 161,464, Jan. 2.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Earring or similar article. 161,465, Jan. 2.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Necklace or similar article. 161,759, Jan. 30.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Necklace or similar article. 161,760, Jan. 30.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Earring or similar article. 161,761, Jan. 30.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 161,936, Feb. 13.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Pin clip or similar article. 162,416, Mar. 13.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 162,417, Mar. 13.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 162,418, Mar. 13.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 162,419, Mar. 13.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 162,420, Mar. 13.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 162,421. Mar. 13.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 163,186, May 8.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y Brooch or similar article 163,187, May 8
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 163,188,. May 8.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 163,189, May 8.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 163,190, May 8.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 163,191, May 8.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 163,192, May 8.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 163,193, May 8.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 163,194, May 8.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 163,195, May 8.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 163,196, May 8.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 163,197, May 8.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Necklace or similar article. 163,198, May 8.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 163,199, May 8.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Separable brooch. 163,200, May 8.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Pin clip. 163,201, May 8.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 163,202, May 8.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 163,203, May 8.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 163,204, May 8.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 163,205, May 8.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Necklace or similar article. 163,289, May 15.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Necklace or similar article. 163,290, May 15.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Necklace or similar article. 164,002, July 24.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Necklace or the like. 164,995, Oct. 30.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Necklace or the like. 164,996, Oct. 30.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Necklace or the like. 164,997, Oct. 30.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Necklace or the like. 164,998, Oct. 30.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Necklace or the like. 164,999, Oct. 30.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Necklace or the like. 165,000, Oct. 30.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Necklace or the like. 165,001, Oct. 30.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Necklace or the like. 165,002, Oct. 30.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Necklace or the like. 165,003, Oct. 30.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Necklace or the like. 165,004, Oct. 30.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 165,005, Oct. 30.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or the like. 165,006, Oct. 30.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or the like. 165,007, Oct. 30.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or the like. 165,008, Oct. 30.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or the like. 165,009, Oct. 30.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Necklace or the like. 165,157, Nov. 13.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 165,158, Nov. 13.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 165,159, Nov. 13.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 165,160, Nov. 13.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 165,161, Nov. 13.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 165,162, Nov. 13.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 165,163, Nov. 13.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 165,164, Nov. 13.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or the like. 165,165, Nov. 13.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or the like. 165,166, Nov. 13.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or the like. 165,167, Nov. 13.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or the like. 165,168, Nov. 13.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or the like. 165,169, Nov. 13.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or the like. 165,170, Nov. 13.

Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or the like. 165,171, Nov. 13.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or the like. 165,286, Nov. 27.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Separable brooch or the like. 165,287, Nov. 27.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Separable brooch or the like. 165,288, Nov. 27.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Separable brooch or the like. 165,289, Nov. 27.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Separable brooch or the like. 165,290, Nov. 27.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Separable brooch or the like. 165,334, Dec. 4.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or the like. 165,460, Dec. 18.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or the like. 165,461, Dec. 18.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or the like. 165,462, Dec. 18.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or the like. 165,463, Dec. 18.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or the like. 165,464, Dec. 18.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or the like. 165,465, Dec. 18.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or the like. 165,466, Dec. 18.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or the like. 165,467, Dec. 18.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or the like. 165,468, Dec. 18.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or the like. 165,527, Dec. 25.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or the like. 165,528,Dec. 25.
Katz, Benjamin S., Indian Hill Village, assignor to The Gruen Watch Company, Cincinnati, Ohio. Watch. 162,961, Apr. 17.
Katz, Joseph M., Pittsburgh, Pa., assignor to The Papercraft Corporation. Ribbon dispenser. 165,229, Nov. 20.
Katz, Leah, New Orleans, La. Winged doll. 165,469, Dec. 18.
Kaufman, Irving R., Los Angeles, Calif. Bar-barrel chair. 161,762, Jan. 30.
Kaufman & Krieger, Inc., assignee: *See*— Krieger, Herman.
Kaufman, Samnel J., New York, N. Y. Folding traveling clockcase. 162,039, Feb. 20.
Kaupmann, Frederick, Brooklyn, N. Y., assignor to Ronson Art Metal Works, Inc., Newark, N. J. Cigar lighter or similar article. 161,763, Jan. 30.
Kaupmann, Frederick, Brooklyn, N. Y., assignor to Ronson Art Metal Works, Inc., Newark, N. J. Cigar lighter or similar article. 163,291, May 15.
Kaupmann, Frederick, Brooklyn, N. Y., assignor to Ronson Art Metal Works, Inc., Newark, N. J. Cigar lighter or similar article. 163,874, July 10.
Kaupmann, Frederick, Brooklyn, N. Y., assignor to Ronson Art Metal Works, Inc., Newark, N. J. Cigar lighter or similar article. 163,875, July 10.
Kay, Elizabeth, Brooklyn, N. Y. Gown. 162,040, Feb. 20.
Kaye, John W., San Antonio, Tex. Utility brush. 165,172, Nov. 13.
Kaye, John W., San Antonio, Tex. Utility brush. 165,173, Nov. 13.
Kaye, John W., San Antonio, Tex. Utility brush. 165,174, Nov. 13.
Kaye, Jolly, New York, N. Y. Blouse. 164,690, Oct. 2.
Kaye, Jolly, New York, N. Y. Blouse. 164,691, Oct. 2.
Kaye, Martin, New York, N. Y. Slipper or like article. 162,178, Feb. 27.
Kayn, Stephen F., assignor to Mac, Kayn Bros. and Band, New York, N. Y. Barrette. 163,124, May 1.
Keane, John A. C., St. Albans, N. Y. Clockcase. 161,764, Jan. 30.
Keck, Harold: *See*— Ziperstein, Allen, and Keck.
Kedzie, Adam S., Los Angeles, assignor to Redi Products Corporation, Pasadena, Calif. Bottomless service receptacle for malt beverage in a paper cup. 163,460, May 29.
Keiding, Andrew, and E. L. Buerger, Milwaukee, Wis. Minnow bucket. 163,697, June 19.
Kelleher, Thomas J., Chicago, Ill. Clothes rack. 164,426, Sept. 4.
Keller, Ernst, New York, N. Y., assignor to Machine Tool Works Oerlikon, Administration Company, Zurich/Oerlikon, Switzerland. Sound recording and reproducing machine. 163,698, June 19.
Keller, Julius H., Brooklyn, N. Y. Belt supported watch carrier. 162,179, Feb. 27.
Keller, Kaufman T., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Combination license plate holder and signal light housing. 162,840, Apr. 10.
Kellett Aircraft Corporation, assignee: *See*— Barnett, Charles A. Douglas, Leon L.
Kelley, James C., Trinity, Tex. Bottle holder. 164,692, Oct. 2.
Kelley, Lloyd G., Hanover, Mass. Music box. 164,003, July 24.
Kelly, George B., Dallas, Tex. Coin holder. 161,937, Feb. 13.
Kelly, John C., Owosso, assignor of one-half to R. J. Segula, Corunna, Mich. Portable power unit for hand stocks and pipe dies. 163,521, June 5.
Kelly, William B., Glendale, Calif. Rosary ring. 164,777, Oct. 9.
Kelman, Samuel E., Providence, R. I. Buckle. 162,313, Mar. 6.
Kendall, George A., and A. W. Chriscaden, assignors to Wickes Bros., Saginaw, Mich. Roughing and finishing center drive lathe. 164,778, Oct. 9.
Kennedy, Bert, Johnstown, N. Y. Glove. 161,843, Feb. 6.
Kennedy, Bert, Johnstown, N. Y. Glove. 161,938, Feb. 13.
Kennedy, Bert, Johnstown, N. Y. Glove. 162,180, Dec. 27.
Kennedy, Bert, Johnstown, N. Y. Glove. 163,292, May 15.
Kennedy, John, Detroit, Mich. Jet-propelled attachment for spinning balloons. 161,939, Feb. 13.
Kennedy, Walter W., Rockford, Ill. Air distribution outlet. 162,181, Feb. 27.
Kent, G. B., & Sons Limited, assignee: *See*— Cosby, Eric L. H.
Kent, Rockwell, Au Sable Forks, assignor to Charles Bloom Inc., New York, N. Y. Textile fabric or similar article. 163,876, July 10.
Kent, Sanford, J. H. Lehman, and D. R. Lippman, assignors to Power Tool Rentals, Inc., Los Angeles, Calif. Portable tool cabinet or similar article. 163,877, July 10.
Kernodle, George H., Washington, D. C. Lamp shade support. 163,522, June 5.
Kerr, Allan W., Westmount, Quebec, Canada. Combined golf club and golf ball carrier. 164,503, Sept. 11.
Kerr, Alvis N., Dallas, Tex. Container holder or similar article. 165,175, Nov. 13.
Kertell, Frank W., Oakland, Calif. Toy airplane. 165,230, Nov. 20.
Kestenman Bros. Mfg. Co., assignee: *See*— Valcourt, Louis E.
Ketay, Walter A., Huntington, N. Y. Exhibiting egg hatcher. 161,466, Jan. 2.
Keuffel & Esser Company, assignee: *See*— Baker, Allister L.
Kevorkian, Joseph D., Philadelphia, Pa., and J. R. Wolfson, Forest Hills, N. Y. Kitchen knife or the like. 161,633, Jan. 16.
Keystone View Company, assignee: *See*— Pettingell, Charles M.
Khalaf, Benjamin, Brooklyn, N. Y. Combined watch bracelet and lapel watchcase or similar article. 163,461, May 29.
Kieffer, Joseph D., III, Rochester, and W. M. Strom, Irondequoit, assignors to Bausch & Lomb Optical Company, Rochester, N. Y. Telescope. 165,231, Nov. 20.
Kilburg, Gene, assignor to Supurdisplay, Incorporated, Milwaukee, Wis. Refreshment transport unit. 163,699, June 19.
Kilbury, Paul D., Hawthorne, Calif. Circulating heater. 165,335, Dec. 4.
Killebrew, Robert H., Des Moines, Iowa. Dripless pitcher. 164,933, Oct. 23.
Killinger, John W.: *See*— Demis, Michael C., and Killinger.
Killinger, John W., Napa, and M. C. Demis, Imola, Calif. Comb. 162,962, Apr. 17.
Kimball, Arthur B., Newtonville, Mass. Rosary. 162,963, Apr. 17.
Kimstohk, Thomas H., Sr., Indianapolis, Ind. Popcorn display device. 161,634, Jan. 16.
Kindred, William B.: *See*— Weissinger, Herbert F., and Kindred.
Kinevox, Incorporated, assignee: *See*— Roos, Leonard H., and Crespinel.
King, Elmer L., Jr.: *See*— Ciccone, Silvester, and King.
King, Henry T., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Automobile hood ornament. 162,182, Feb. 27.
King, John B., and E. Chosy, assignors to Gramm Trailer Corporation, Delphos, Ohio. Vehicle trailer body. 163,808, July 3.
King, Theodore T., assignor of fifty per cent to C. W. Hill, Pampa, Tex. Level and plumb attachment for carpenters' squares. 162,841, Apr. 10.
King, Walton O., Mount Clemens, Mich. Portable building. 164,305, Aug. 21.
Kingson, Justin I., New York, N. Y. Slipper. 161,765, Jan. 30.
Kinkade, Thomas H., Williamsport, Pa. Ash tray. 165,336, Dec. 4.
Kinney, J. Warren, Jr., assignee: *See*— Reifsteck, Francis.
Kintas, John, Wichita, Kans. Pull toy. 161,766, Jan. 30.
Kirby, Harold L., Glendale, Calif. Baby bath or similar article. 163,757, June 26.
Kiser, Warren C., and C. E. Lennon, Jr., Longview, Tex. Concession stand. 165,291, Nov. 27.

Kisling, Jacob W., St. Louis County, Mo. Air circulator unit. 162,663, Mar. 27.
Kisling, Jacob W., St. Louis County, Mo. Air circulator unit. 163,049, Apr. 24.
Kissner, Lawrence M.: *See*—
Leitch, Francis C., Kissner, Leitch, and Chapel.
Kitterman, Donald M., Kansas City, Kans. Fishing rod handle. 165,529, Dec. 25.
Kitzes, Samuel, New York, N. Y. Combined wallet and safety chain. 162,422, Mar. 13.
Klee, Carvel, Fort Lee, N. J. Buckle. 161,467, Jan. 2.
Kleeb, Herbert, Kenosha, Wis. Screen stretching implement. 162,664, Mar. 27.
Klein, Ben, Santa Monica, Calif. Frame for barber's seat. 165,078, Nov. 6.
Klein, Dudley M., St. Louis, Mo. Protector for a skate shoe. 162,665, Mar. 27.
Klein, Ernest: *See*—
Berger, Eugene J., and Klein.
Klein, Ernest W., Los Angeles, Calif. Egg cooking frame. 162,041, Feb. 20.
Klein, Robert L., Rochelle Park, N. J. Drip cap. 162,842, Apr. 10.
Klein, Robert L., Rochelle Park, N. J. Window head. 162,843, Apr. 10.
Klein, Robert L., Rochelle Park, N. J. Window sill. 162,844, Apr. 10.
Kling, Robert C.: *See*—
McMath, Marl, and Kling.
Klingens, Cornelis, and J. L. Foster, assignors to U. S. Slicing Machine Company, Inc., La Porte, Ind. Vegetable chute for a slicing machine. 162,314, Mar. 6.
Klipsch, Paul W., Hope, Ark. Room-corner loud-speaker. 163,700, June 19.
Klostermann, Curt W., assignor to American Phenolic Corporation, Chicago, Ill. Lightning arrester. 164,642, Sept. 25.
Klotz, Edward C., Jr., Brookfield Township, assignor to Picture Recording Company, Oconomowoc, Wis. Combined frame and screen for television or picture projection. 163,206, May 8.
Klugmann, Julius, New York, N. Y. Adjustable applicator for fingernail polish and the like. 164,504, Sept. 11.
Knapp, Andrew S., assignor to Knapp-Monarch Company, St. Louis, Mo. Electrical cooking unit. 164,780, Oct. 9.
Knapp, Andrew S., assignor to Knapp-Monarch Company, St. Louis, Mo. Base for an electrical cooking unit. 164,781, Oct. 9.
Knapp-Monarch Company, assignee: *See*—
Knapp, Andrew S.
McCarron, Donald F.
Knickerbocker Rubber Company, Not Inc.: *See*—
Holden, Orloff W.
Knight, George C., assignor to George C. Knight Company, Detroit, Mich. Rearview mirror or similar article for an automobile. 161,468, Jan. 2.
Knight, George C., Detroit, assignor to George C. Knight Company, Oak Park, Mich. Hood ornament or similar article for an automobile. 162,183, Feb. 27.
Knight, George C., assignor to George C. Knight Company, Detroit, Mich. Exhaust pipe extension or similar article for an automobile. 163,523, June 5.
Knight, George C., Company, assignee: *See*—
Knight, George C.
Sarnes, Lowell F.
Knowles, Frederick G.: *See*—
Wittel, Otto, and Knowles.
Knowles, Frederick G., assignor to Eastman Kodak Company, Rochester, N. Y. Motion-picture camera. 161,940, Feb. 13.
Knox, Arthur V., Phoenix, Arix. Cracker holder or similar article. 161,767, Jan. 30.
Koci, Jerry C., assignor to Chicago Coin Machine Co., Chicago, Ill. Coin-operated automatic phonograph. 164,370, Aug. 28.
Koeber, Theodore H., Oak Park, Ill., assignor to International Harvester Company. Centrifugal cream separator. 163,878, July 10.
Koeber, Theodore H., Oak Park, Ill., assignor to International Harvester Company. Centrifugal cream separator. 163,879, July 10.
Koegel, Ervin C., St. Louis, Mo. Desk. 164,584, Sept. 18.
Koenig, Anna, assignor to Debs Hospital Supplies, Inc., Chicago, Ill. Hospital cart. 164,779, Oct. 9.
Koenig, William W.: *See*—
Burtt, Horatio H., Koenig, and Gilbert.
Kohn, Julius, New York, N. Y. Cigar lighter. 162,315, Mar. 6.
Kohn, Leo, assignor to Morris Moskowitz Corporation, New York, N. Y. Pocketbook. 162,845, Apr. 10.
Kolivera, George J., Chicago, Ill. Combination corner and chalk holder for billiard table or the like. 162,316, Mar. 6.
Kollmansperger, Frank R., Chattanooga, Tenn. Building. 161,768, Jan. 30.
Kono, Alexander, Forest Hills, N. Y. Spectacle frame or the like. 165,079, Nov. 6.
Koons, Clarence R., Secaucus, N. J. Slicing device. 164,693, Oct. 2.
Kopald, Herman G., executor: *See*—
Salfisberg, Leroy L.
Koplar, Alan E., Chicago, Ill. Clock pendulum or similar article. 162,846, Apr. 10.
Koplar, Alan E., Chicago, Ill. Clockcase. 163,610, June 12.
Koplar, Alan E., Chicago, Ill. Clock. 165,010, Oct. 30.
Korbus, August S., Detroit, Mich. Toilet article tray. 164,306, Aug. 21.
Kornblau, Irving, New York, N. Y. Lady's undergarment container. 163,611, June 12.
Korotkin, Joseph, New York, N. Y. Dispenser for fluid substances. 163,393, May 22.
Kotchan, Charles J. P., Lynbrook, N. Y. Sled. 162,423, Mar. 13.
Kowsky, Henry, Rochester, N. Y. Sectional sandwich plate. 163,880, July 10.
Kramer, Ernest A., Tuckahoe, N. Y. Table lamp. 165,470, Dec. 18.
Kramer, Maurice, New York, N. Y. Figurine. 162,317, Mar. 6.
Kramer, Morris, New York, N. Y. Brooch or similar article. 162,666, Mar. 27.
Kramer, Murray B., assignor to Richlite Manufacturing Company, Chicago, Ill. Automobile gasoline door guard. 165,292, Nov. 27.
Krantos, Carl G., New York, N. Y. Fountain. 165,471, Dec. 18.
Kranz, Harry W., Lakewood, assignor to The Cleveland Welding Company, Cleveland, Ohio. Bicycle. 162,964, Apr. 17.
Kranz, Harry W., Lakewood, assignor to The Cleveland Welding Company, Cleveland, Ohio. Bicycle. 163,462, May 29.
Krasnow, Bernard, Suffern, assignor to Yale Belt Corp., New York, N. Y. Toy gun holster for bicycles. 163,394, May 22.
Kraus, Max R., Chicago, Ill. Comb. 162,042, Feb. 20.
Kregger, Henry C., Compton, Calif. Swing. 161,769, Jan. 30.
Kress, George H., Vestal, assignor to International Business Machines Corporation, New York, N. Y. Card time recorder. 161,941, Feb. 13.
Kress, George H., Vestal, assignor to International Business Machines Corporation, New York, N. Y. Proof machine. 162,318, Mar. 6.
Kress, George H., Vestal, assignor to International Business Machines Corporation, New York, N. Y. Card punch. 163,125, May 1.
Kress, Herman, New York, N. Y. Glove. 164,427, Sept. 4.
Kress, Herman, New York, N. Y. Glove. 164,428, Sept. 4.
Kress, Herman, New York, N. Y. Glove. 164,429, Sept. 4.
Kreuter, Carl, and H. F. Jordan, Seattle, Wash. Fez box. 161,844, Feb. 6.
Kriegel, Ruth B., Los Angeles, Calif. Apron or similar article. 164,643, Sept. 25.
Krieger, Herman, assignor to Kaufman & Krieger, Inc., New York, N. Y. Embroidered fabric. 165,376, Dec. 11.
Krieger, Herman, assignor to Kaufman & Krieger, Inc., New York, N. Y. Embroidered fabric. 165,377, Dec. 11.
Krieger, Herman, assignor to Kaufman & Krieger, Inc., New York, N. Y. Embroidered fabric. 165,378, Dec. 11.
Krieger, Herman, assignor to Kaufman & Krieger, Inc., New York, N. Y. Embroidered fabric. 165,379, Dec. 11.
Krieger, Herman, assignor to Kaufman & Krieger, Inc., New York, N. Y. Embrodired fabric. 165,380, Dec. 11.
Krieger, Rose, North Hollywood, Calif. Cap or similar article. 162,965, Apr. 17.
Krigsman, Karl G. F. and M., Thompson, Conn. Apron. 161,693, Jan. 23.
Krigsman, Mildred: *See*—
Krigsman, Karl G. F. and M.
Kronsberg, Ray, Los Angeles, Calif. Radio cabinet. 162,847, Apr. 10.
Kruck, Ralph E., Clinton, Conn., assignor to Majestic Manufacturing Company, St. Louis, Mo. Range splash back. 161,694, Jan. 23.
Kruck, Ralph E., Clinton, Conn., assignor to Florence Stove Company, Gardner, Mass. Circulator heater. 163,293, May 15.
Kruck, Ralph E., Clinton, Conn., assignor to Florence Stove Company, Gardner, Mass. Radiant circulator heater. 163,294, May 15.
Kruck, Ralph E., Clinton, Conn., assignor to Florence Stove Company, Gardner, Mass. Radiant circulator heater. 163,295, May 15.
Krueger, Alfred P., Stratford, assignor to Derby Sealers, Incorporated, Derby, Conn. Machine for dispensing strip material. 162,667, Mar. 27.
Krueger, Alfred P., Stratford, assignor to Derby Sealers, Incorporated, Derby, Conn. Machine for dispensing strip material. 162,668, Mar. 27.
Kucinski, Bruno: *See*—
Fields, Herbert P., and Kucinski.
Kuhn, Robert B. and R. B., Jr., Canton, Ohio. Fog and turning light for automobiles and the like. 164,176, Aug. 7.
Kuhn, Robert B., Jr.: *See*—
Kuhn, Robert B. and R. B., Jr.
Kuhns, James H., Winfield, Kans. Field chest. 165,011, Oct. 30.
Kulczycki, Edward L., St. Louis, Mo. Lamp. 163,524, June 5.
Kully, Paul J., Edmonton, Alberta, Canada. Jewelry box. 163,953, July 17.
Kulp, Charles W., Meriden, Conn. Silverware cabinet. 162,424, Mar. 13.

Kulwin, Seymour, Chicago, Ill. Dashboard tray. 163,954, July 17.
Kunz, Frederick J., Fort Jennings, assignor to Gramm Trailer Corporation, Delphos, Ohio. Fuel transport trailer. 163,612, June 12.
Kupski, Joseph: *See*—
Oliver, Conrad J., and Kupski.
Kursh, Maurice, Palo Alto, Calif. Ash tray. 164,177, Aug. 7.
Kurtz, John C., Irondequoit, assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Microscope. 161,469, Jan. 2, 1951.
Kurz-Kasch, Inc., assignee: *See*—
Hitchcock, Richard E.
Kushner, Julian H., New York, N. Y. Finger ring mounting. 163,126, May 1.
Kwikform Limited, assignee: *See*—
Hawes, Albert H.
La Nationale S. A., assignee: *See*—
Guenin, André L.
Laboratory Industries, Inc., assignee: *See*—
Goldberg, Maynard E.
Lacek, John A., assignor to Daniel Green Company, Dolgeville, N. Y. Slipper or similar article. 162,184, Feb. 27.
Lacek, John A., assignor to Daniel Green Company, Dolgeville, N. Y. Slipper or similar article. 162,185, Feb. 27.
Lacek, John A., assignor to Daniel Green Company, Dolgeville, N. Y. Slipper or similar article. 162,186, Feb. 27.
Lacek, John A., assignor to Daniel Green Company, Dolgeville, N. Y. Slipper or similar article. 164,004, July 24.
Lacek, John A., assignor to Daniel Green Company, Dolgeville, N. Y. Slipper or similar article. 164,005, July 24.
Lacon Corporation: *See*—
Lunde, Thomas T.
La Croix, Arthur J.: *See*—
Ferguson, Alan C., and La Croix.
La Falce, Palmerino C., Buffalo, N. Y. Combination flashlight and fishing pole handle. 162,319, Mar. 6.
Lager, Edward J., Davenport, Iowa. Burial vault. 161,470, Jan. 2.
Lahm, Peter V., Millersburg, Ohio. Hand truck or the like. 161,585, Jan. 9.
Laibow, Jules, Merchantville, N. J., assignor to Cardinal Chemical Corporation, Philadelphia, Pa. Insecticide vaporizer. 164,242, Aug. 14.
Laird, David A., Detroit, Mich. Saddle seat. 161,770, Jan. 30.
Laird, William A., Long Beach, and P. L. Greathead, South Gate, Calif., said Greathead assignor to said Laird. Vacuum bottle closure. 164,006, July 24.
Lake, Bruno J., Oak Park, Ill. Flower pot. 162,320, Mar. 6.
Lama, Tony, El Paso, Tex. Key holder. 163,296, May 15.
Lambert, Edgar, Detroit, Mich. Towel holder. 162,739, Apr. 3.
Lamm, Jacob C., Baltimore, Md. Chair for viewing television. 165,472, Dec. 18.
La Mont, Romanus, Detroit, Mich. Automobile fender trim. 164,117, July 31.
La Mura, Joseph L., assignor to Joanell Company, Livingston, N. J. Combination brush, holder, and cosmetic container. 161,695, Jan. 23.
La Mura, Vito A., Worcester, Mass. Lamp. 163,613, June 12.
Landau, Sam, New York, N. Y. Negligee. 161,942, Feb. 13.
Lane, Willard H., Long Beach, Calif. Combined stapler and file marker. 162,187, Feb. 27.
Langer, William, and L. Seidl, New York, N. Y. Telephone savings bank. 162,043, Feb. 20.
Langford, Albert E., London, England. Doll. 161,943, Feb. 13.
Langille, Wilfred O., Chester, and C. F. Bruder, Ridgewood, assignors to The Singer Manufacturing Company, Elizabeth, N. J. Casing for a fan or the like. 163,395, May 22.
L'Anglais, Pascal, New York, assignor to Onondaga Pottery Company, Syracuse, N. Y. Dinner plate or similar article. 162,044, Feb. 20.
L'Anglais, Pascal, New York, N. Y. Dinner plate or similar article. 162,740, Apr. 3.
L'Anglais, Pascal, New York, assignor to Onondaga Pottery Company, Syracuse, N. Y. Dinner plate or similar article. 163,127, May 1.
L'Anglais, Pascal, New York, assignor to Onondaga Pottery Company, Syracuse, N. Y. Dinner plate or similar article. 164,864, Oct. 16.
L'Anglais, Pascal, New York, assignor to Onondaga Pottery Company, Syracuse, N. Y. Dinner plate or similar article. 164,865, Oct. 16.
L'Anglais, Pascal, New York, assignor to Onondaga Pottery Company, Syracuse, N. Y. Dinner plate or similar article. 164,866, Oct. 16.
L'Anglais, Pascal, New York, assignor to Onondaga Pottery Company, Syracuse, N. Y. Dinner plate or similar article. 164,867, Oct. 16.
L'Anglais, Pascal, New York, assignor to Onondaga Pottery Company, Syracuse, N. Y. Dinner plate or similar article. 164,868, Oct. 16.
Lanier, Edward M., Croydon, Pa. Airplane. 162,321, Mar. 6.
Lanvin-Parfums, Inc., assignee: *See*—
Lanvin, Yves.
Lanvin, Yves, Paris, France, assignor to Lanvin-Parfums, Inc, New York, N. Y. Bottle. 161,471, Jan. 2.
Lapham, Sidney D., Martinez, Calif. Hand truck. 164,644, Sept. 25.
Lapin, Carl, and G. Mysels, assignors to McKenzie Playthings, Inc., New York, N. Y. Projectile-game board. 161,472, Jan. 2.
Lapin Products, Inc., assignee: *See*—
Greene, Al.
Laporte, Marie K., Arlington County, Va. Cover for telephones. 161,586, Jan. 9.
Lapp, Jacob: *See*—
Wehner, William C., and Lapp.
Lapteff, Alexis V., Jackson Heights, N. Y., assignor to Dictaphone Corporation, Bridgeport, Conn. Desk microphone for dictating machines. 164,243, Aug. 14.
Lapteff, Alexis V., Jackson Heights, N. Y., assignor to Dictaphone Corporation, Bridgeport, Conn. Hand microphone for dictating machines. 164,869, Oct. 16.
La Rochelle, Conrad, White Plains, N. Y. Motorcycle. 163,701, June 19.
Larsan Manufacturing Company, assignee: *See*—
Derr, Bernard A.
Larson, Daniel S.: *See*—
Huffmaker, Robert M., Larson, Laue, Reedy, and Davis.
Larson, John V., Chicago, Ill. Self-adjusting wrench or similar article. 164,505, Sept. 11.
Larson, Lester G., Chicago, Ill. Game table or similar article. 161,845, Feb. 6.
La Salle Novelty Company, assignee: *See*—
Schwartz, Meyer.
Lasecki, John P., Milwaukee, Wis. Christmas tree stand. 165,530, Dec. 25.
Lashley, Sara H., Atlantic City, N. J. Ring. 163,758, June 26.
Lashley, Sara H., Atlantic City, N. J. Ring. 163,759, June 26.
Lasko, George A., Toledo, Ohio, assignor to Chrysler Corporation, Highland Park, Mich. Automobile bumper guard. 163,525, June 5.
Lasko, George A., Toledo, Ohio, assignor to Chrysler Corporation, Highland Park, Mich. Hood ornament for an automobile. 163,526, June 5.
Lasko, George A., Toledo, Ohio. Indicator dial or similar article. 165,232, Nov. 20.
Laskowitz, Joseph F., St. Louis, Mo. Lounge chair. 163,297, May 15.
Latina, Sebastian, Detroit, Mich. Toy airplane. 161,473, Jan. 2.
Latina, Sebastian, Detroit, Mich. Toy airplane. 161,474, Jan. 2.
Laue, Edmund J.: *See*—
Huffaker, Robert M., Larson, Laue, Reedy, and Davis.
Laughlin, Clayton A., Minneapolis, Minn. Sandal. 163,614, June 12.
Laughlin, Clayton A., Minneapolis, Minn. Sandal. 163,615, June 12.
La Voque, Edward C., Seattle, Wash. Combination automobile and airplane. 164,371, Aug. 28.
Lawhon, Joel E., Wilson, N. C. Game board. 164,178, Aug. 7.
Lawhon, Marion L., Bakersfield, Calif. Fishing spinner. 162,741, Apr. 3.
Lawhorn, Gordon H., Ellerson, Va. Order holding attachment for bottles. 164,430, Sept. 4.
Lawless, Robert M.: *See*—
Churan, Roy G., and Lawless.
Lawrence, Andrew E., San Mateo, Calif., assignor to Pabco Products Inc. Linoleum or similar article. 161,944, Feb. 13.
Lawrence, Andrew E., San Mateo, Calif., assignor to Pabco Products Inc. Linoleum or similar article. 163,128, May 1.
Lawrence, Andrew E., San Mateo, assignor to Pabco Products, Inc., San Francisco, Calif. Linoleum or similar article. 164,694, Oct. 2.
Lawrence, Andrew E., San Mateo, assignor to Pabco Products Inc., San Francisco, Calif. Hard surface floor covering or similar article. 164,695, Oct. 2.
Lawrence, Charles A., Saugus, Mass. Fishhook disgorger. 163,702, June 19.
Lawson, F. H., Company, The, assignee: *See*—
Lumley, Maurice C.
Lawson, William E., Sr.: *See*—
Meyer, Hugo B., and Lawson.
Laystrom, Carl A., Decatur, and H. R. Sigler, Argenta, assignors, by mesne assignments, to Faries Manufacturing Company, Chicago, Ill. Recessed bathroom fixture or similar article. 164,431, Sept. 4.
Leather Products, Inc., assignee: *See*—
Wiggin, Daniel W.
Leavens Manufacturing Co., Inc., assignee: *See*—
Fantaccione, Luca.
Leavy, David D., Brooklyn, N. Y. Glove holding attachment for a handbag or the like. 162,669, Mar. 27.
Lebherz, Harry J., assignor to The Everedy Company, Frederick, Md. Corn popper. 165,531, Dec. 25.
Lebigot, Marie R.: *See*—
Heim, Jacques, and Lebigot.

Lee, Bernard S., Little Silver, N. J. Table. 162,045, Feb. 20.
Lee, Fred J., Pasadena, Calif. Liquid dispenser for weed killer. 161,696, Jan. 23.
Lee, Ronald H. D. F., assignor to Cooper, McDougall & Robertson Limited, Berkhamsted, England. Animal marker or similar article. 162,046, Feb. 20.
Leebow, Albert, East Rockaway, N. Y., assignor to Berkeley Industries, Jersey City, N. J. Trousers rack or similar article. 163,050, Apr. 24.
Leech, Aubrey B., Los Angeles, Calif. Animated decorative lamp. 164,935, Oct. 23.
Leech, Aubrey B., Los Angeles, Calif. Animated decorative lamp. 164,936, Oct. 23.
Leeds, Harry, Brooklyn, N. Y. Coin-operated vending machine or similar article. 161,846, Feb. 6.
Leeds, Joseph H., New York, N. Y. Portable radiant heater. 163,051, Apr. 24.
Leeds, Winthrop M.: *See*—
Baker, Benjamin P., and Leeds.
Baker, Benjamin P., Leeds, and Izzi.
Leep, Elwood J., Palo Alto, Calif. Infant's swing. 164,307, Aug. 21.
Le Febure Corporation, assignee: *See*—
Vorbau, Robert C.
Leffler, Anthony, executor: *See*—
Leffler, Anthony J.
Leffler, Anthony J., deceased; by J. J., V., and A. Leffler, executors, Penn Township, Allegheny County, Pa. Baby chair. 162,188, Feb. 27.
Leffler, John J., executor: *See*—
Leffler, Anthony J.
Leffler, Vincent, executor: *See*—
Leffler, Anthony J.
Lehigh, Evelyn, Mamaroneck, N. Y. Baby's sleeping bag. 163,809, July 3.
Lehman, Jehiel H.: *See*—
Kent, Sanford, Lehman, and Lippman.
Lehman, Leon R., Terre Haute, Ind. Spoon or similar article. 163,703, June 19.
Lehmann, Herbert G., Bridgeport, Conn. Magnifying lens for attachment to incandescent electric bulbs. 161,475, Jan. 2.
Lehrfeld, William H., Freeport, N. Y. Gauge for precious stones. 162,848, Apr. 10.
Leigh, Cyril W., East Orange, N. J., assignor to Onondaga Pottery Company, Syracuse, N. Y. Dinner plate or similar article. 161,847, Feb. 6.
Leigh, Cyril W., East Orange, N. J., assignor to Onondaga Pottery Company, Syracuse, N. Y. Dinner plate or similar article. 161,848, Feb. 6.
Leigh, Cyril W., East Orange, N. J., assignor to Onondaga Pottery Company, Syracuse, N. Y. Dinner plate or similar article. 161,849, Feb. 6.
Leitch, Francis C., L. M. Kissner, and J. E. Leitch, Owosso, and C. C. Chapel, Flint, assignors to De-Buger, Inc., Owosso, Mich. Insecticide vaporizer. 164,585, Sept. 18.
Leitch, James E.: *See*—
Leitch, Francis C., Kissner, Leitch, and Chapel.
Lemi, Francisco B.: *See*—
Lorenzana, Moises B., and Lemi.
Lempke, Milford W., Buffalo, A. J. Gentile, Cheektowaga, and J. J. Johnson, assignors to Delavan Welding Company, Inc., Buffalo, N. Y. Truck carrying trailer. 162,849, Apr. 10.
Lenaburg, Reinhold H., Pasadena, Calif. Figurine or similar article. 162,549, Mar. 20.
Lenneberg, Julius, New York, N. Y. Clasp. 165,080, Nov. 6.
Lennon, Chesley E., Jr.: *See*—
Kiser, Warren C., and Lennon.
Lennox, Elmer C., Sanger, Calif. Steam roller toy. 163,207, May 8.
Lentheric, Incorporated, assignee: *See*—
McIntosh, Frank.
Leon, Isolina I., Massapequa, N. Y. Curl clip. 164,506, Sept. 11.
Leonard, Walter M.: *See*—
Walkley, William G., and Leonard.
Lerman, Ben, assignor to Mastercrafters Clock & Radio Company, Chicago, Ill. Clockcase. 162,322, Mar. 6.
Lerman, Ben, assignor to Mastercrafters Clock & Radio Company, Chicago, Ill. Clockface. 163,396, May 22.
Lerner, Muriel E., San Francisco, Calif. Scarf or similar article. 164,244, Aug. 14.
Lerner, Muriel E., San Francisco, Calif. Scarf or similar article. 164,245, Aug. 14.
Lerner, Muriel E., San Francisco, Calif. Scarf or similar article. 165,381, Dec. 11.
Les Parfums de Dana, Inc., assignee: *See*—
Serra, Javier.
Younghusband, James L.
Leser, Tina, New York, N. Y. Combined cape and scarf. 165,081, Nov. 6.
Leser, Tina, New York, N. Y. Playsuit. 165,473, Dec. 18.
Leslie, Leo, assignor to Wellco Shoe Corporation, Waynesville, N. C. Child's slipper. 165,012, Oct. 30.
Leslie, Leo, assignor to Wellco Shoe Corporation, Waynesville, N. C. Child's slipper. 165,013, Oct. 30.
Leslie, Leo, assignor to Wellco Shoe Corporation, Waynesville, N. C. Child's slipper. 165,014, Oct. 30.
Le Tourneau, R. G., Inc., assignee: *See*—
Le Tourneau, Robert G.
Le Tourneau, Robert G., Longview, Tex., assignor to R. G. Le Tourneau, Inc., Stockton, Calif. Bulldozer. 162,850, Apr. 10.
Le Tourneau, Robert G., assignor to R. G. Le Tourneau, Inc., Longview, Tex. Bulldozer. 163,298, May 15.
Letrent, Michael, Camden, N. J. Christmas tree stand. 164,432, Sept. 4.
Levi, Melvin H., Long Island, N. Y. Carafe. 163,052, Apr. 24.
Levin, David, London, England. Orange peeler or the like. 163,299, May 15.
Levin, David E., Brooklyn, assignor to Evins, Inc., New York, N. Y. Lady's shoe or similar article. 164,118, July 31.
Levin, Isadore, Bronx County, N. Y. Charm. 161,635, Jan. 16.
Levin, Jacob, New York, N. Y. Beverage dispenser. 164,433, Sept. 4.
Levin, Martin P., Rye, assignor to Grosset & Dunlap, Inc., New York, N. Y. Display rack. 162,550, Mar. 20.
Levine, Henry, Brooklyn, N. Y. Hosiery display container or the like. 162,551, Mar. 20.
Levine, Samuel, New York, N. Y. Sweater or similar article. 161,476, Jan. 2.
Levingston Shipbuilding Company, assignee: *See*—
Carlin, Bernard.
Levy, Abraham, assignor to United Metal Goods Manufacturing Co., Inc., Brooklyn, N. Y. Clockcase or similar article. 165,474, Dec. 18.
Levy, Herman C., Coopersburg, Pa. Child's shoe or the like. 162,189, Feb. 27.
Levy, Lillian, and C. Rosenfield, Silver Spring, Md. Bag or similar article. 165,293, Nov. 27.
Levy, Sabine, assignor to Caprice Limited, London, England. Foundation garment. 165,294, Nov. 27.
Levy, Sidney E., White Plains, and M. M. Condon, Pleasantville, assignors to University Loudspeakers, Inc., White Plains, N. Y. Casing for loudspeaker driver unit and its transformer. 163,616, June 12.
Lewandowski, Leon, Omaha, Nebr. Garden sprinkler. 163,527, June 5.
Lewis, Florida E., Hollywood, Calif. Decorated shirt or the like. 164,007, July 24.
Lewis, George, assignor to Lucky Plastics Co., Inc., Los Angeles, Calif. Boot. 163,300, May 15.
Lewis, Jac, assignor to Royal Robes, Inc., New York, N. Y. Vestee robe. 165,015, Oct. 30.
Lewis, James T., Arlington, Va. Desk tray. 163,463, May 29.
Lewis, Thomas W., assignor to The Enterprise Aluminum Company, Massillon, Ohio. Handle for cooking utensils. 164,372, Aug. 28.
Lewy, Theodore, San Francisco, Calif. Toy cable car. 162,966, Apr. 17.
Lewyt Corporation, assignee: *See*—
Fleming, Jack F.
Libbey-Owens-Ford Glass Company, assignee: *See*—
Gaiser, Romey A., and Boicey.
Spahn, Paul E.
Liberman, Alex J., Los Angeles, Calif. Combination merchandise display case and cashbox. 163,881, July 10.
Librizzi, Joseph J., Bronxville, N. Y. Decorative light bulb or similar article. 164,782, Oct. 9.
Lichtenstein, Nathan, and P. Di Matteo, Brooklyn, N. Y. Combination statue and lamp. 163,397, May 22.
Lieber, John M., Detroit, and R. Lieber, Royal Oak, Mich. Dispensing rack. 161,477, Jan. 2.
Lieber, Roman: *See*—
Lieber, John M. and R.
Liebhaber, Joseph F., Merrimac, Wis. Airplane. 164,119, July 31.
Light, George H., Coral Gables, Fla. Beverage dispenser. 163,208, May 8.
Lightfoot, Robert D., South Bend, Ind. Keyhole light. 162,323, Mar. 6.
Lilja, Oscar G., Rockford, Ill., assignor to M. P. Owens. Serving stand. 163,617, June 12.
Lily-Tulip Cup Corporation, assignee: *See*—
Johnson, Gerald C., and Perelman.
Lincoln National Furniture Company, assignee: *See*—
Wilson, John W.
Lind, George J., Balboa, Calif. Combined soap dish, grab bar, and collapsible shelf for shower stalls. 165,532, Dec. 25.
Lindberg, Albert W., Jr., Bayonne, N. J. Mailbox. 163,882, July 10.
Lindberg, Carl R., Los Gatos, Calif. Faucet for garden hose or the like. 164,586, Sept. 18.
Lindberg, William S., assignor to American Seating Company, Grand Rapids, Mich. Chair end standard. 163,883, July 10.
Lindemann, Howard, Great Neck, N. Y. Microscope illuminator. 162,047, Feb. 20.
Lindsay, Harold W., Redwood City, assignor to Ampex Electric Corporation, San Carlos, Calif. Recording apparatus. 164,246, Aug. 14.
Lindstrom, John E., Aurora, Ill. Door grille or the like. 162,324, Mar. 6.
Lion, Leo, New York, N. Y. Personalized wedding anniversary candle. 164,783, Oct. 9.
Lionel Corporation, The, assignee: *See*—
Pettit, Frank.

Lipman, Isadore A., assignor to The Ellmore Silver Company, Inc., Meriden, Conn. Spoon or similar article. 165,295, Nov. 27.
Lipman, Isadore A., assignor to Amston Silver Company, Inc., Meriden, Conn. Spoon or similar article. 165,382, Dec. 11.
Lippert, Howard R., Toledo, Ohio. Weather forecaster. 163,398, May 22.
Lippincott, Joshua G., Scarsdale, N. Y., and L. F. Covey, Darien, Conn., assignors to The Fyr-Fyter Company, Dayton, Ohio. Fire extinguisher. 161,697, Jan. 23.
Lippman, Doris R.: *See*— Kent, Sanford, Lehman, and Lippman.
Lippman, Samuel V., Hartford, Conn. Musical toy. 162,190, Feb. 27.
Lippmann, Samuel V., Hartford, Conn. Musical toy. 162,191, Feb. 27.
Lipshitz, Abraham, Flushing, N. Y. Dress. 163,301, May 15.
Lipton, Clara E., New York, N. Y. Dispensing container for soap powder or the like. 164,784, Oct. 9.
Little, John M., Toledo, assignor to Avco Manufacturing Corporation, Cincinnati, Ohio. Refrigerator cabinet. 162,851, Apr. 10.
Little, John M., Toledo, assignor to Avco Manufacturing Corporation, Cincinnati, Ohio. Refrigerator cabinet. 162,852, Apr. 10.
Little, John M., assignor to Toledo Scale Company, Toledo, Ohio. Slicing machine. 165,082, Nov. 6.
Lockheed Aircraft Corporation, assignee: *See*— Frost, Eugene C.
Loeff, Ralph M., Chicago, Ill. Fabric. 161,587, Jan. 9.
Loeff, Ralph M., Chicago, Ill. Fabric. 161,588, Jan. 9.
Loewengart, Justin, New York, N. Y. Rubber overshoe. 165,176, Nov. 13.
Loewy, Raymond, New York, N. Y., assignor to General Motors Corporation, Dayton, Ohio. Electric range. 162,552, Mar. 20.
Lofgren, Edwin, North Plainfield, N. J. Combined bookholder and lamp. 164,247, Aug. 14.
Logan, Ernest W., Wichita, Kans. Set of chessmen. 163,464, May 29.
Logli, Aldo, Detroit, Mich. Tone control key panel for accordions. 164,696, Oct. 2.
Loma Plastics, Inc., assignee: *See*— Brin, Harris.
Lombardo, Santo J., New York, N. Y., assignor to Advance Glove Manufacturing Company, Detroit, Mich. Textile fabric. 163,209, May 8.
Lone Star Vender Corp., assignee: *See*— James, Frazier N.
Long, Harry G., Los Angeles, and M. D. Youker, Lynwood, Calif.; said Youker assignor to said Long. Berry basket or the like. 162,967, Apr. 17.
Long, John E., assignor to Portable Air Cooler and Heating, Inc., Chico, Calif. Air conditioner. 164,937, Oct. 23.
Long, Walter K., assignor to Welch Allyn, Inc., Auburn, N. Y. Instrument case. 163,210, May 8.
Long, Walter K., assignor to Welch Allyn, Auburn, N. Y. Ophthalmoscope head. 165,177, Nov. 13.
Longines-Wittnauer Watch Co., Inc., assignee: *See*— Newhouse, Leon M.
Warren, Fred.
L'Opera Hosiery Mill, Inc., assignee: *See*— Friedrich, Robert, Jr.
Lorentzen, Hans K., Montclair, N. J., assignor to Lorentzen Hardware Mf'g. Corp., New York, N. Y. End cap for a Venetian blind bottom bar. 162,192, Feb. 27.
Lorentzen, Hans K., Montclair, N. J., assignor to Lorentzen Hardware Mf'g. Corp., New York, N. Y. Combined Venetian blind head bar and installation brackets assembly. 162,325, Mar. 6.
Lorentzen Hardware Mf'g. Corp., assignee: *See*— Lorentzen, Hans K.
Lorenz, William, Los Angeles, Calif. Wishing well musical toy bank. 161,945, Feb. 13.
Lorenzana, Moises B., assignor to Storkline Furniture Corporation, Chicago, Ill. Child's walker-stroller. 165,383, Dec. 11.
Lorenzana, Moises B., and F. B. Lemi, Chicago, Ill. Game board. 162,742, Apr. 3.
Lorenzen, Arnold L., assignor to Owens-Illinois Glass Company, Toledo, Ohio. Bottle. 161,698, Jan. 23.
Los Angeles Standard Rubber, Inc., assignee: *See*— Gruver, Benton A., and Robertson.
Lougaris, Caroline F., Reno, Nev. Doll. 164,434, Sept. 4.
Lovelace, William J., Indianapolis, Ind. Exhaust ventilating fan unit. 164,435, Sept. 4.
Lown, Philip W., Lewiston, assignor to Penobscot Shoe Co., Old Town, Maine. Shoe. 161,946, Feb. 13.
Lowres, Bert J., East Orange, N. J. Sun glasses. 165,533, Dec. 25.
Lowry, Richard M., assignor to Nehi Corporation, Columbus, Ga. Beverage dispensing faucet. 164,373, Aug. 28.
Loyd, Richard N., Signal Hill, assignor of one-half to O. D. Johnson, Anaheim, Calif. License plate holder. 164,008, July 24.
Lucas, Joseph, Limited, assignee: *See*— Taylor, Harold C.
Lucky Plastics Co., Inc., assignee: *See*— Lewis, George.
Ludwig, Ray C., Englewood, Colo. Mobile flower shop. 165,178, Nov. 13.
Lueneburg, Walter C., Evanston, assignor to Ekco Products Company, Chicago, Ill. Valve for pressure cookers. 162,743, Apr. 3.
Luke, Vincent J., Fort Worth, Tex. Sport shirt. 162,553, Mar. 20.
Luker, Jackson M., assignee: *See*— Reifsteck, Francis.
Lull, Le Grand H., Minneapolis, Minn. Self-propelled loader. 162,853, Apr. 10.
Lumley, Maurice C., assignor to The F. H. Lawson Company, Cincinnati, Ohio. Breadbox or the like. 161,771, Jan. 30.
Lumley, Maurice C., assignor to The F. H. Lawson Company, Cincinnati, Ohio. Utility stool. 162,854, Apr. 10.
Lummus Company, The, assignee: *See*— O'Connor, Ward J.
Lunde, Thomas T., Mill Valley, Calif., assignor to Lacon Corporation. Machine for making and storing ice cubes. 162,968, Apr. 17.
Lundgren, Stanley F., Minneapolis, Minn. Dental mirror. 161,478, Jan. 2.
Lundstrom, Edward W.: *See*— Palmquist, Marvin E., and Lundstrom.
Lunkenheimer Company, The, assignee: *See*— Hehemann, Frederick H.
Lussier, Hubert, Quebec, Quebec, Canada. Buck saw. 163,129, May 1.
Lustig, Alex, New York, N. Y. Animated figure trundle toy. 164,785, Oct. 9.
Lustig, Frank, assignor to Excel Auto Radiator Company, Chicago, Ill. Electric power tool unit. 163,760, June 26.
Lutz, Walter, assignee: *See*— Harrell, Charles D.
Lux, Frederick, Middlebury, Conn. Alarm clock. 162,326, Mar. 6.
Lux, Frederick, Middlebury, Conn. Alarm clock. 162,855, Apr. 10.
Lux, Frederick, Middlebury, Conn. Alarm clock. 163,053. Apr .24.
Lynch, Joseph E., Burbank, assignor to Lynford Products Company, Los Angeles, Calif. Coat hanger adapter. 162,048, Feb. 20.
Lynchburg Hosiery Mills, Inc., assignee: *See*— Gerhardt, Earl A.
Lynen, William: *See*— Post, Arthur, and Lynen.
Lynford Products Company, assignee: *See*— Lynch, Joseph E.
Lynn, Bernard S., Palo Alto, Calif., and I. H. Driggs, Bethesda, Md. Combined turbine and jet propelled engine for aircraft. 163,528, June 5.
Lyon, George A., Detroit, Mich. Wheel cover or similar article. 162,193, Feb. 27.
Lyon, George A., Detroit, Mich. Wheel cover or similar article. 162,194, Feb. 27.
Lyon, George A., Detroit, Mich. Wheel cover. 162,195, Feb. 27.
Lyon, George A., Detroit, Mich. Wheel cover. 162,196, Feb. 27.
Lyon, George A., Detroit, Mich. Wheel cover. 162,197, Feb. 27.
Lyon, George A., Detroit, Mich. Wheel cover. 162,198, Feb. 27.
Lyon, George A., Detroit, Mich. Wheel cover. 162,199, Feb. 27.
Lyon, George A., Detroit, Mich. Wheel cover. 162,200, Feb. 27.
Lyon, George A., Detroit, Mich. Wheel cover. 162,201, Feb. 27.
Lyon, George A., Detroit, Mich. Wheel cover. 162,202, Feb. 27.
Lyon, George A., Detroit, Mich. Wheel cover or similar article. 163,399, May 22.
Lyon, George A., Detroit, Mich. Wheel cover or similar article. 164,009, July 24.
Lyon, George A., Detroit, Mich. Wheel cover or similar article. 164,010, July 24.
Lyon, George A., Detroit, Mich. Wheel cover or similar article. 164,011, July 24.
Lyon, George A., Detroit, Mich. Wheel cover or similar article. 164,012, July 24.
Lyon, George A., Detroit, Mich. Wheel cover or similar article. 164,013, July 24.
Lyon, George A., Detroit, Mich. Wheel cover or similar article. 164,014, July 24.
Lyon, George A., Detroit, Mich. Wheel cover or similar article. 164,015, July 24.
Lyon, George A., Detroit, Mich. Wheel cover or similar article. 164,016, July 24.
Lyon, George A., Detroit, Mich. Wheel cover or similar article. 164,017, July 24.
Lyon, George A., Detroit, Mich. Wheel cover or similar article. 164,018, July 24.
Lyon, George A., Detroit, Mich. Wheel cover or similar article. 164,019, July 24.
Lyon, George A., Detroit, Mich. Wheel cover or similar article. 164,020, July 24.
Lyon, George A., Detroit, Mich. Wheel cover or similar article. 164,021, July 24.

Lyon, George A., Detroit, Mich. Wheel cover or similar article. 164,022, July 24.
Lyon, George A., Detroit, Mich. Wheel cover or similar article. 164,023, July 24.
Lyon, George A., Detroit, Mich. Wheel cover or similar article. 164,024, July 24.
Lyon, George A., Detroit, Mich. Wheel cover or similar article. 164,025, July 24.
Lyon, George A., Detroit, Mich. Wheel cover or similar article. 164,026, July 24.
Lyon, George A., Detroit, Mich. Wheel cover or similar article. 164,027, July 24.
Lyon, George A., Detroit, Mich. Wheel cover or similar article. 164,028, July 24.
Lyon, George A., Detroit, Mich. Wheel cover or similar article. 164,029, July 24.
Lyon, George A., Detroit, Mich. Wheel cover or similar article. 164,030, July 24.
Lyon, George A., Detroit, Mich. Wheel cover or similar article. 164,031, July 24.
Lyon, George A., Detroit, Mich. Wheel cover or similar article. 164,032, July 24.
Lyon, George A., Detroit, Mich. Wheel cover or similar article. 164,033, July 24.
Lyon, George A., Detroit, Mich. Wheel cover or similar article. 164,034, July 24.
Lyon, George A., Detroit, Mich. Wheel cover or similar article. 164,035, July 24.
Lyon, George A., Detroit, Mich. Wheel cover or similar article. 164,036, July 24.
Lyon, George A., Detroit, Mich. Wheel cover or similar article. 164,037, July 24.
Lyon, George A., Detroit, Mich. Wheel cover or similar article. 164,038, July 24.
Lyon, George A., Detroit, Mich. Wheel cover or similar article. 164,039, July 24.
Lyon, George A., Detroit, Mich. Wheel cover or similar article. 164,040, July 24.
Lyon, George A., Detroit, Mich. Wheel cover or similar article. 164,041, July 24.
Lyon, George A., Detroit, Mich. Wheel cover or similar article. 164,042, July 24.
Lyon, George A., Detroit, Mich. Wheel cover or similar article. 164,043, July 24.
Lyon, George A., Detroit, Mich. Wheel cover or similar article. 164,044, July 24.
Lyon, George A., Detroit, Mich. Wheel cover or similar article. 164,045, July 24.
Lyon, George A., Detroit, Mich. Wheel cover or similar article. 164,046, July 24.
Lyon, George A., Detroit, Mich. Wheel cover or similar article. 164,179, Aug. 7.
Lyon, George A., Detroit, Mich. Wheel cover or similar article. 164,180, Aug. 7.
Lyon, George A., Detroit, Mich. Wheel cover or similar article. 164,181, Aug. 7.
Lyon, George A., Detroit, Mich. Wheel cover or similar article. 164,182, Aug. 7.
Lyon, George A., Detroit, Mich. Wheel cover or similar article. 164,183, Aug. 7.
Lyon, George A., Detroit, Mich. Wheel cover or similar article. 164,184, Aug. 7.
Lyon, George A., Detroit, Mich. Wheel cover or similar article. 164,185, Aug. 7.
Lyon, George A., Detroit, Mich. Wheel cover or similar article. 164,186, Aug. 7.
Lyon, George A., Detroit, Mich. Wheel cover or similar article. 164,187, Aug. 7.
Lyon, George A., Detroit, Mich. Wheel cover or similar article. 164,188, Aug. 7.
Lyon, George A., Detroit, Mich. Wheel cover or similar article. 164,189, Aug. 7.
Lyon, George A., Detroit, Mich. Wheel cover or similar article. 164,190, Aug. 7.
Lyon, George A., Detroit, Mich. Wheel cover or similar article. 164,191, Aug. 7.
Lyon, George A., Detroit, Mich. Wheel cover or similar article. 164,192, Aug. 7.
Lyon, George A., Detroit, Mich. Wheel cover or similar article. 164,374, Aug. 28.
Lyon, George A., Detroit, Mich. Wheel cover or similar article. 164,436, Sept. 4.
Lyon, George A., Detroit, Mich. Wheel cover or similar article. 165,083, Nov. 6.
Lyon, George A., Detroit, Mich. Wheel cover or similar article. 165,179, Nov. 13.
Lyon, George A., Detroit, Mich. Wheel cover member or similar article. 165,180, Nov. 13.
Lyon, George A., Detroit, Mich. Wheel cover member or similar article. 165,181, Nov. 13.
Lyon, George A., Detroit, Mich. Wheel cover member or similar article. 165,182, Nov. 13.
Lyon, George A., Detroit, Mich. Wheel cover or similar article. 165,233, Nov. 20.
Lyon, George A., Detroit, Mich. Wheel cover or similar article. 165,234, Nov. 20.
Lyon, George A., Detroit, Mich. Wheel cover or similar article. 165,384, Dec. 11.
Lyon, George A., Detroit, Mich. Wheel cover or similar article. 165,534, Dec. 25.
M. K. M. Hosiery Mills, Inc., assignee: *See*— Sigel, Saul.
Maage, Alfred E., Jr., assignor to M. A. Gerett Corporation, Milwaukee, Wis. Coin actuated calendar bank. 165,385, Dec. 11.
Mac, Kayn Bros. and Band, assignee: *See*— Kayn, Stephen F.
Macdonald, Angus S., near Rapidan, Va. Multiple study unit or the like. 161,772, Jan. 30.
MacDonald, Duncan N., Evanston, assignor to Automatic Electric Laboratories, Inc., Chicago, Ill. Loud-speaker housing. 164,121, July 31.
MacDonald, Roderick J., Roselle, N. J. Combination ash tray and match book holder. 163,054, Apr. 24.
MacDougall, Franklin M., Kirkwood, assignor to Jackes-Evans Manufacturing Company, St. Louis, Mo. Gas heater. 162,969, Apr. 17.
MacFadden, Glenn E., Rocky River, Ohio. Light shade. 164,786, Oct 9.
MacFadden, Glenn E., Rocky River, Ohio. Light shade. 164,870, Oct. 16.
MacFadden, Glenn E., Rocky River, Ohio. Light shade. 164,871, Oct. 16.
Machine Tool Works Oerlikon, Administration Company, assignee: *See*— Keller, Ernst.
Macht, Jack, New York, N. Y. Shoe or similar article. 164,308, Aug. 21.
MacIntyre, John A., Barrington, R. I., assignor to B & M Mills, Inc. Fabric or the like for grills of radios. 162,327, Mar. 6.
MacIntyre, John A., Barrington, R. I. Fabric or the like for grills of radios. 165,386, Dec. 11.
Macken, John T.: *See*— Yarbrough, Edward M., and Macken.
MacPherson, Warren, Cambridge, Mass. Combined sole and heel unit for footwear. 165,535, Dec. 25.
Madame Adrienne, Inc., assignee: *See*— Fredericks, Veronica.
Magnafax Corporation, assignee: *See*— Jay, Benjamin F., and Feintuch.
Magnier, Morris, assignor to Rayfel Hosiery Mills, Inc., Phoenixville, Pa. Stocking. 161,479, Jan. 2.
Magnier, Morris, assignor to Rayfel Hosiery Mills, Inc., Phoenixville, Pa. Stocking. 161,480, Jan. 2.
Magnier, Morris, assignor to Rayfel Hosiery Mills, Inc., Phoenixville, Pa. Stocking. 161,481, Jan. 2.
Magnier, Morris, assignor to Rayfel Hosiery Mills, Inc., Phoenixville, Pa. Stocking. 161,482, Jan. 2.
Magnier, Morris, assignor to Rayfel Hosiery Mills, Inc., Phoenixville, Pa. Stocking. 162,203, Feb. 27.
Magnier, Morris, assignor to Rayfel Hosiery Mills, Inc., Phoenixville, Pa. Stocking. 162,204, Feb. 27.
Magnier, Morris, Phoenixville, assignor to Rayfel Hosiery Mills, Inc., Schuylkill Township, Pa. Stocking. 163,618, June 12.
Magnus, Finn H., Essex Fells, assignor to Magnus Harmonica Corporation, Newark, N. J. Chromatic accordion. 162,554, Mar. 20.
Magnus, Finn H., Essex Fells, assignor to Magnus Harmonica Corporation, Newark, N. J. Accordion. 162,670, Mar. 27.
Magnus, Finn H., Essex Fells, assignor to Magnus Harmonica Corporation, Newark, N. J. Harmonica. 162,671, Mar. 27.
Magnus, Finn H., Essex Fells, and E. J. Ens, assignors to Magnus Harmonica Corporation, Newark, N. J. Toy organ. 163,529, June 5.
Magnus Harmonica Corporation, assignee: *See*— Magnus, Finn H., and Ens.
Mahony, Victor J., North Hollywood, Calif. Ash tray. 164,120, July 31.
Maiden Form Brassiere Company, Inc., assignee: *See*— Rosenthal, William.
Maier, Fred J., Chicago, Ill. Spectacle container. 161,850, Feb. 6.
Maier, Michael J., assignor to Malleable Iron Range Company, Beaver Dam, Wis. Range. 163,761, June 26.
Main, David W., Denver, Colo. Airplane. 165,084, Nov. 6.
Maish, Clarence L., Warsaw, Ind. Baking dish or similar article. 164,645, Sept. 25.
Majestic Manufacturing Company, assignee: *See*— Kruck, Ralph E.
Malachowski, Handry J., Detroit, Mich. Fender ornament for automobiles. 162,049, Feb. 20.
Malben, James A., Jr., Kansas City, Mo. Meat basting percolator. 163,130, May 1.
Malleable Iron Range Company, assignee: *See*— Maier, Michael J.
Mallory, Jerry T., Columbus, Ohio. Combined wash basin and cabinet. 164,872, Oct. 16.
Manchester, Edward C., Attleboro, Mass., assignor to Walter W. Ross and Company, Inc., Kansas City, Mo. Finger ring. 161,773, Jan. 30.
Manchester, Edward C., Attleboro, Mass., assignor to Walter W. Ross and Company, Inc., Kansas City, Mo. Guard pin. 162,328, Mar. 6.
Manchester, Edward C., Attleboro, Mass., assignor to Walter W. Ross and Company, Inc., Kansas City, Mo. Guard pin. 162,329, Mar. 6.
Manchester Hosiery Mills, assignee: *See*— Wilcher, Abrasha.

Manchester Silver Company, Inc., assignee: *See*—
McAlpine, Edward B.
Mandell, Sonia M., New York, N. Y. Textile fabric. 162,555, Mar. 20.
Mandell, Sonia M., assignor to Marcus Brothers Textile Corp., New York, N. Y. Textile fabric. 162,556, Mar. 20.
Mandt Manufacturing Company, assignee: *See*—
Mandt, Vernon G.
Mandt, Vernon G., assignor to Mandt Manufacturing Company, Columbus, Ohio. Portable loader. 163,884, July 10.
Maneval, Rex W., Frankfort, Kans. Airplane. 163,530, June 5.
Mango, Joseph R., assignor to Thor Corporation, Chicago, Ill. Wringer for clothes-washing machine. 162,050, Feb. 20.
Mango, Joseph R., assignor to Thor Corporation, Chicago, Ill. Washing machine. 164,697, Oct. 2.
Mango, Joseph R., assignor to Thor Corporation, Chicago, Ill. Clothes-washing machine. 165,183, Nov. 13.
Manley, Inc., assignee: *See*—
Waas, Samuel M.
Manley, Warren O., North Kansas City, assignor to C. E. Hovey, Kansas City, Mo., as trustee. Washing machine. 162,970, Apr. 17.
Mann, Harry, Laurelton, N. Y. Bow tie. 163,810, July 3.
Mann, Joseph, Brookline, Mass. Lady's stocking. 163,704, June 19.
Mann, Leslie, San Gabriel, Calif. Film viewer. 162,051, Feb. 20.
Mann, Leslie, San Gabriel, Calif. Film viewer. 162,052, Feb. 20.
Mann, Leslie, San Gabriel, Calif. Film viewer. 162,053, Feb. 20.
Manning, Charles J., West Newton, assignor to The Gamewell Company, Newton Upper Falls, Mass. Coded signaling recorder. 161,636, Jan. 16.
Manning, Maxwell & Moore, Incorporated, assignee: *See*—
Ingard, Karl U.
Marano, Herbert W., Brooklyn, N. Y., assignor to Wilson Jones Company, Chicago, Ill. Staple driver or similar article. 161,851, Feb. 6.
Marano, Herbert W., Brooklyn, N. Y., assignor to Wilson Jones Company, Chicago, Ill. Staple remover or similar article. 163,465, May 29.
Marano, Herbert W., Brooklyn, N. Y., assignor to Wilson Jones Company, Chicago, Ill. Hand stapler or similar article. 164,375, Aug. 28.
Marano, Herbert W., Brooklyn, N. Y., assignor to Wilson Jones Company, Chicago, Ill. Hand stapler or similar article. 164,376, Aug. 28.
Marathon Corporation, assignee: *See*—
Broeren, Frank L.
Marchand, Adolph, Jackson Heights, N. Y. Towel rack. 162,971, Apr. 17.
Marchant Calculating Machine Company, assignee: *See*—
Sinel, Joseph C.
Studley, Clarence K., Jr.
Marchisio, Robert G., Wenham, assignor to Sylvania Electric Products Inc., Salem, Mass. Lighting fixture louver. 165,085, Nov. 6.
Marcus Brothers Textile Corp., assignee: *See*—
Mandell, Sonia M.
Marcus, Philip M., New York, N. Y. Slip. 165,086, Nov. 6.
Marcus, Philip M., New York, N. Y. Slip. 165,087, Nov. 6.
Marcus & Wiesen, Inc., assignee: *See*—
Wiesen, Alex.
Margolis, Bernard A., Kansas City, Mo. Pharmaceutical spoon. 161,947, Feb. 13.
Mariani, Frank N., New York, N. Y. Table lighter or similar article. 165,337, Dec. 4.
Marine Optical Manufacturing Co., assignee: *See*—
Ditto, Arthur.
Marino, Anthony: *See*—
Blockert, Ernest, and Marino.
Marker, Van N., Chicago, Ill. Wall mounted lighting fixture. 161,699, Jan. 23.
Marker, Van N., Chicago, Ill. Wall mounted lighting fixture. 161,700, Jan. 23.
Markovich, John A., Youngstown, Ohio. Golf club head. 162,054, Feb. 20.
Marks, Joseph D.: *See*—
Cassidy, John D., and Marks.
Marks, Robert J., Castro Valley, Calif. Spectacle case. 164,587, Sept. 18.
Markus, Henry A., assignor to Wine Corporation of America, Chicago, Ill. Bottle. 161,637, Jan. 16.
Marona, Charles, Pittsburgh, Pa. Combined wall pocket, pin cushion, calendar, and hanger for pot holders. 162,972, Apr. 17.
Marquis, Joseph D., and F. W. Ehlert, Chicago, Ill., assignors to Curt Teich & Company. Article support for a display stand. 164,437, Sept. 4.
Marr, John V., Fayetteville, N. C. Paint drying and baking oven. 163,400, May 22.
Marsh, Harold E.: *See*—
Winslow, Richard H., and Marsh.
Marsh Wall Products, Inc., assignee: *See*—
Robinson, Joseph J., Jr.
Marshall, Oren B., Kansas City, Mo. Combination kitchen cabinet and breakfast table. 165,536, Dec. 25.
Marsyl, Fosca, New York, N. Y. Child's cabinet. 162,205, Feb. 27.
Martin, Herschell G., Philadelphia, Pa. Study ruler. 163,302, May 15.
Martin, Thomas L., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Automobile stone shield. 165,537, Dec. 25.
Marvellum Company, The: *See*—
Phelps, Elizabeth.
Marx, Louis, & Company, Inc., assignee: *See*—
Campbell, Laurie J.
Marx, Martin, and W. Deutschmann, New York, N. Y. Display attachment for automobiles. 163,824, July 3.
Maschin, Harold F.: *See*—
Day, John F., and Maschin.
Mastercrafters Clock & Radio Company, assignee: *See*—
Lerman, Ben.
Master Mechanics Co., The, assignee: *See*—
Evans, Isaac.
Matasovic, John L., Chicago, Ill. Pressure regulator. 162,055, Feb. 20.
Mathews, Verner P., near Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Gasoline filter. 164,698, Oct. 2.
Mathison, Albert O., Brooklyn, N. Y. Work-holding clamp. 165,296, Nov. 27.
Matson, Raymond N., assignee: *See*—
Gaffield, Eli W.
Matthews, Edward, assignor of one-half to J. H. Conway, Denver, Colo. Adjustable wrench. 162,856, Apr. 10.
Mawsaid Products, Inc., assignee: *See*—
Gaster, Myron L.
Maxant, Richard C., Ayer, Mass. Swatch cutting machine or the like. 163,055, Apr. 24.
Maxwell, Paul M., Milton, and K. M. Wlach, New York, N. Y., assignors to Hat Corporation of America, Norwalk, Conn. Hat. 163,466, May 29.
May, Cliff, assignee: *See*—
Choate, Christian E.
May Hosiery Mills, assignee: *See*—
Schwartz, Shepard B., and Blum.
Mayer China Company, assignee: *See*—
Johnson, Doris.
Mayer, Milton, assignor to Vanity Corset Company, Inc., New York, N. Y. Girdle. 164,438, Sept. 4.
Mayo, Clyde R.: *See*—
Sabel, Edward R., and Mayo.
Mazer Bros., Inc., assignee: *See*—
Fleuridas, André.
Mazza, Gerald V., New York, N. Y. Glove box. 163,303, May 15.
Mazzola, Ambrose, South Gate, assignor to Angelus Engineering Corporation, Maywood, Calif. Fluid tractor. 164,047, July 24.
McAlpine, Edward B., Cranston, R. I., assignor to Manchester Silver Company, Inc. Spoon or similar article. 163,056, Apr. 24.
McBee Company, The, assignee: *See*—
Connor, Roger.
McBride, Harris, Detroit, Mich. Child's bobsled. 162,672, Mar. 27.
McCann, Clyde D., Des Moines, Iowa. Lighting fixture. 162,744, Apr. 3.
McCann, Clyde D., Des Moines, Iowa. Fluorescent lighting fixture. 163,762, June 26.
McCann, Clyde D., Des Moines, Iowa. Light fixture. 164,507, Sept. 11.
McCann, Clyde D., Des Moines, Iowa. Multiple lighting fixture. 164,508, Sept. 11.
McCann, Hose, Telephone Co., Inc., assignee: *See*—
McCann, Thomas J.
McCann, Thomas J., New York, assignor to Hose McCann Telephone Co., Inc., Brooklyn, N. Y. Selective ringing telephone unit. 162,857, Apr. 10.
McCarron, Donald F., assignor to Knapp-Monarch Company, St. Louis, Mo. Corn popper or similar article. 163,531, June 5.
McCartan, Raymond, Jr.: *See*—
Julien, Howard A., and McCartan.
McCarthy, James F., Oaks Corners, assignor to Shuron Optical Company, Inc., Geneva, N. Y. Blocking device for ophthalmic lenses. 162,673, Mar. 27.
McCartney, Byron W., Houston, Tex. Automobile exhaust pipe extension. 163,955, July 17.
McClure, Charles W., Boston, Mass., and L. Streifeneder, Chicago, Ill. Examining table. 164,048, July 24.
McCowan, David A., Toronto, Ontario, Canada. Display stand. 161,774, Jan. 30.
McCray Refrigerator Company, assignee: *See*—
Bently, George K.
Greiling, David J.
Greiling, David J., and Howard.
McDermott, Fred, Chicago, Ill. Cover for a whip cream dispenser valve. 162,674, Mar. 27.
McDonald, Eugene F., Jr., Chicago, Ill. Combined antenna and weather vane. 164,938, Oct. 23.
McDonald Products Corporation, assignee: *See*—
Jones, Walter L.
McDonald, Robert G., Los Angeles, Calif. Decorative miniature pipe organ. 163,705, June 19.

McElgin, John W., assignor to John J. Nesbitt, Inc., Philadelphia, Pa. Air circulator and furniture unit. 165,088, Nov. 6.
McElgin, John W., assignor to John J. Nesbitt, Inc., Philadelphia, Pa. Air circulating unit. 165,089, Nov. 6.
McEwen, Charlotte, Ottawa, Ontario, Canada. Child's apron. 163,304, May 15.
McFarland, Donald L., Stratford, Conn., assignor to General Electric Company. Automatic controller or the like. 163,885, July 10.
McFarland, Harden, Vallejo, Calif. Bottle opener and cap sealer. 161,483, Jan. 2.
McGlinchey, Arthur E., New York, N. Y., assignor to G. B. Taylor, Kearney, N. J., and C. H. Boenig, Johnson, Vt. Nail polish bottle holder. 162,858, Apr. 10.
McGowan, Anna, Jackson Heights, N. Y. Combination sink and drain rack. 161,948, Feb. 13.
McGraw Electric Company, assignee: *See*—
Clark, Philip B.
Hart, George H.
Painter, David L., and Hart.
McGuire, Francis P., and H. J. Oraschuk, Toronto, Ontario, Canada. Wagon. 163,401, May 22.
McIntosh, Frank, assignor to Lentheric, Incorporated, New York, N. Y. Box. 161,949, Feb. 13.
McKaig, Charles H., Camillus, assignor to Onondaga Pottery Company, Syracuse, N. Y. Dinner plate or similar article. 161,775, Jan. 30.
McKaig, Charles H., Camillus, assignor to Onondaga Pottery Company, Syracuse, N. Y. Dinner plate or similar article. 162,557, Mar. 20.
McKaig, Charles H., Camillus, assignor to Onondaga Pottery Company, Syracuse, N. Y. Dinner plate or similar article. 163,057, Apr. 24.
McKaig, Charles H., Camillus, assignor to Onondaga Pottery Company, Syracuse, N. Y. Dinner plate or similar article. 163,058, Apr. 24.
McKaig, Charles H., Camillus, assignor to Onondaga Pottery Company, Syracuse, N. Y. Dinner plate or similar article. 163,059, Apr. 24.
McKaig, Charles H., Camillus, assignor to Onondaga Pottery Company, Syracuse, N. Y. Dinner plate or similar article. 163,811, July 3.
McKaig, Charles H., Camillus, assignor to Conondaga Pottery Company, Syracuse, N. Y. Dinner plate or similar article. 164,377, Aug. 28.
McKaig, Charles H., Camillus, assignor to Onondaga Pottery Company, Syracuse, N. Y. Dinner plate or similar article. 164,939, Oct. 23.
McKean, Charles B., San Francisco, Calif. Combined baby chair and high chair. 163,619, June 12.
McKee, Emily J., Richmond, Ind. Drapery tieback. 163,467, May 29.
McKee Glass Company, assignee: *See*—
Poglein, Louis.
McKee, Kenneth R.: *See*—
Johns, Carlton H., and McKee.
McKenzie Playthings, Inc., assignee: *See*—
Lapin, Carl, and Mysels.
McLean, John F., Goderich, Ontario, Canada. Hunting knife. 161,701, Jan. 23.
McMahon, Bernard F., Clayton, Mo. Combination wash basin and utility cabinet. 164,787, Oct. 9.
McManus, Bernard T., Lander, assignor to P & M Enterprises, Rock Springs, Wyo. Electrically operated amusement machine. 164,309, Aug. 21.
McMath, Marl, and R. C. Kling, Newport, Ky. Keyhole illuminating device or the like. 161,950. Feb. 13.
McMonagle, Marguerite V., Green Bay, Wis. Combined cake plate and ornament therefor. 163,620, June 12.
McNutt, Clara E., Toledo, Ohio. Thread picking and seam ripping implement. 165,338, Dec. 4.
McPhail, Robert G., Newark, Ohio, assignor to Holophane Company, Inc., New York, N. Y. Lens panel for direct lighting fixtures. 165,184, Nov. 13.
McQuown, Curtis Y., Chicago, Ill. Polishing machine. 161,484, Jan. 2.
McWilliams, Hugh C., San Antonio, Tex. Sunmask. 164,699, Oct. 2.
Mecate, James E.: *See*—
Mecate, Manuel E. and J. E.
Mecate, Manuel E. and J. E., Los Angeles, Calif. Radio case. 162,675, Mar. 27.
Mechem, Maurice R., Clarion, Iowa. Dripless pitcher. 164,310, Aug. 21.
Medart Company, The, assignee: *See*—
Merkle, Richard W.
Medert, Adrian, trustee, assignee: *See*—
Brockway, Walter L.
Medgyes, Ladislas, assignor to Helena Rubinstein, Inc., New York, N. Y. Bottle cap. 164,193, Aug. 7.
Mediano Capdevila, Gonzalo, Buenos Aires, Argentina, assignor to Coturno, S. A., Caracas, Venezuela. Shoe sole. 163,956, July 17.
Meeder, Donald R., Blue Springs, Mo. Material dispenser with spout. 161,852, Feb. 6.
Meek, Charles E., Jr., assignor to Arnolt Corporation, Warsaw, Ind. Table. 162,558, Mar. 20.
Meek, William J., New City, assignor to Edgar Fabrics, Inc., New York, N. Y. Textile fabric or similar article. 163,060, Apr. 24.
Megar, David, New York, N. Y. Watch case. 161,485, Jan. 2.
Mehr, Jacob A., assignor to Dazor Manufacturing Corporation, St. Louis, Mo. Reflector head unit for lighting fixtures. 163,812, July 3.
Meierjohan, Ernest, Cincinnati, Ohio. Porch trellis or similar article. 164,788, Oct. 9.
Mejia, Henry R., North Kansas City, Mo. Paper cutter. 164,378, Aug. 28.
Mekalainas, John J., Bronx, N. Y. Shoeshine box. 161,638, Jan. 16.
Melaro, Rose E., Oakmont, Pa. Hair-waving rod. 164,700, Oct. 2.
Meldrum, Robert A., and J. E. Candlin, Jr., Chicago, and R. W. Haman, Flossmoor, assignors to Pullman-Standard Car Manufacturing Company, Chicago, Ill. Double deck railway vehicle. 161,486, Jan. 2.
Meldrum, Robert A., and J. E. Candlin, Jr., Chicago, and R. W. Haman, Flossmoor, assignors to Pullman-Standard Car Manufacturing Company, Chicago, Ill. Double deck railway vehicle. 161,487, Jan. 2.
Meldrum, Robert A., and J. E. Candlin, Jr., Chicago, and R. W. Haman, Flossmoor, assignors to Pullman-Standard Car Manufacturing Company, Chicago, Ill. Double deck railway vehicle. 161,488, Jan. 2.
Mell-Hoffmann Mfg. Co., assignee: *See*—
Mell, William E.
Mell, William E., assignor to Mell-Hoffmann Mfg. Co., Chicago, Ill. Paper dispenser. 163,131, May 1.
Mellos, Athanasios K., Los Angeles, Calif. Advertising display device. 162,859, Apr. 10.
Melson, Emily L., Mamie, N. C. Doily or the like. 161,951, Feb. 13.
Melville, Joseph, Long Beach, N. Y. Man's shirt or similar article. 164,789, Oct. 9.
Melville, Joseph, Long Beach, N. Y. Man's shirt or similar article. 164,873, Oct. 16.
Mengel Company, The, assignee: *See*—
Soehner, Howard C.
Menning, George, assignor to Autopoint Company, Chicago, Ill. Memo case with pen or pencil holder. 161,853, Feb. 6.
Menzies Hosiery Mills, Inc., assignee: *See*—
Vanhorn, Fred J. and R. L.
Mercer, Norman J., Brooklyn, N. Y. Children's feeding tray. 162,860, Apr. 10.
Mercer, Norman J., Brooklyn, N. Y. Spoon or similar article. 163,886, July 10.
Mercer, Norman J., Brooklyn, N. Y. Spoon or similar article. 163,887, July 10.
Mercer, Norman J., Brooklyn, N. Y. Spoon or the like. 164,646, Sept. 25.
Mercer, Norman J., and H. W. Zadikoff, New York, N. Y. Cutlery container or the like. 164,248, Aug. 14.
Merchants Sales Corp., assignee: *See*—
Youngerman, William H.
Merillat, Harold, New York, N. Y. Cover for cosmetic bottles and the like. 163,888, July 10.
Merit Products, Inc., assignee: *See*—
Pokras, Harry, and Greene.
Merkle, Richard W., Edwardsville, Ill., assignor to The Medart Company, St. Louis, Mo. Combination table and range. 162,206, Feb. 27.
Merrill, Lee S., Baltimore, Md. Nursery lamp. 161,776, Jan. 30.
Meshberg, Philip, Bridgeport, Conn. Can. 162,559, Mar. 20.
Metlox Manufacturing Company, assignee: *See*—
Allen, Robert Y., Shaw, and Shaw.
Metropolitan Electric Mfg. Co., assignee: *See*—
Drewitz, Edwin.
Mettenleiter, Michael W., New York, N. Y. Portable gun-rack. 162,207, Feb. 27.
Metzler, Charles L.: *See*—
Nicholides, Emmanuel C., and Metzler.
Metzler, Charles L., Palisades Park, N. J., assignor to Dictograph Products Company, Inc., Jamaica, N. Y. Intercommunicating telephone master station cabinet unit. 165,016, Oct. 30.
Metzler, Charles L., Palisades Park, N. J., assignor to Dictograph Products Company, Inc., Jamaica, N. Y. Intercommunicating telephone substation cabinet unit. 165,017, Oct. 30.
Metzler, Charles L., Palisades Park, N. J., and B. Bowen, New York, N. Y., assignors to Stratford Pen Corporation. Casing for a cigarette lighter or the like. 161,854, Feb. 6.
Metzler, Charles L., Palisades Park, N. J., and B. Bowen, New York, N. Y., assignors to Stratford Pen Corporation. Fuel cartridge for cigarette lighters or the like. 161,855, Feb. 6.
Metzler, Charles L., Palisades Park, N. J., and J. Wark, Freeport, assignors to Dictograph Products Company, Inc., Jamaica, N. Y. Casing cover. 163,402, May 22.
Metzler, Charles L., Palisades Park, N. J., and J. Wark, Freeport, assignors to Dictograph Products Company, Inc., Jamaica, N. Y. Casing cover. 163,532, June 5.
Meyer, Carl X., assignor to Day-Brite Lighting, Inc., St. Louis, Mo. Fluorescent lighting fixture. 162,330, Mar. 6.
Meyer, Francis E., Lancaster, Pa. Font of numerals. 164,701, Oct. 2.

Meyer, Hugo B., Summit, and W. E. Lawson, Sr., Rahway, assignors to U. S. Fiber & Plastics Corp., Stirling, N. J. Inflatable toy horse. 163,061, Apr. 24.
Meyer, Jerry, New York, S. Strauss, Bellport, and S. Stutzel, New York, N. Y. Combined ash tray and holder for coins, game chips, cigarettes, and matches. 163,889, July 10.
Meyer, Mortimer R., assignee: *See*—
Barnhart, A. Baker.
Meyer, Theodore J., Chicago, Ill. Game board. 163,957, July 17.
Meyers, Aaron A., New York, N. Y. Girdle or similar article. 164,509, Sept. 11.
Meyers, Louis G., New York, N. Y. Display rack. 162,425, Mar. 13.
Meyers, Ralph E.: *See*—
Girardy, Alfred B., Doman, and Meyers.
Meyerson, Samuel, Brooklyn, N. Y. Expansible bracelet or the like. 162,973, Apr. 17.
Meyerson, Samuel, Brooklyn, N. Y. Expansible bracelet. 163,211, May 8.
Meyerson, Samuel, Brooklyn, N. Y. Expansible bracelet or the like. 163,212, May 8.
Meyerson, Samuel, Brooklyn, N. Y. Expansible bracelet or the like. 163,213, May 8.
Meyerson, Samuel, Brooklyn, N. Y. Expansible bracelet or the like. 163,214, May 8.
Meyerson, Samuel, Brooklyn, N. Y. Expansible bracelet or the like. 163,215, May 8.
Meyerson, Samuel, Brooklyn, N. Y. Expansible bracelet or the like. 163,216, May 8.
Meyerson, Samuel, Brooklyn, N. Y. Expansible bracelet or the like. 163,621, June 12.
Meyerson, Samuel, Brooklyn, N. Y. Expansible bracelet or the like. 164,249, Aug. 14.
Meyerson, Samuel, Brooklyn, N. Y. Expansible bracelet or the like. 164,790, Oct. 9.
Meyerson, Samuel, Brooklyn, N. Y. Expansible link chain for bracelets or the like. 164,791, Oct. 9.
Michaels, Maurice A., assignor to The Oiljak Manufacturing Co., Inc., Montclair, N. J. Portable oil changer. 161,489, Jan. 2.
Michelson, Lawrence M., Clayton, assignor to Duro Chrome Corporation, St. Louis, Mo. Booth seat. 162,426, Mar. 13.
Michelson, Lawrence M., Clayton, assignor to Duro Chrome Corporation, St. Louis, Mo. Booth seat. 162,427, Mar. 13.
Michie, Henry C., Brooklyn, N. Y. Desk lamp. 164,379, Aug. 28.
Microtone Company, Inc., The, assignee: *See*—
Yarbrough, Edward M., and Macken.
Mid-Century Company, assignee: *See*—
Durgin, Chester R.
Midstate Manufacturing Company, assignee: *See*—
Saunders, Harold A. and C. V.
Midwest Research Institute, assignee: *See*—
Wallance, Donald A., and Bendersky.
Mifsud, Anthony C., West Hempstead, N. Y. Portable fountain. 164,510, Sept. 11.
Mi-Lady Specialties, Inc., assignee: *See*—
Cimaglia, Arthur C.
Milan Aluminum Casting Company, assignee: *See*—
Barber, Howard J.
Milavec, Joseph J., Cleveland, Ohio. Thermometer support. 163,890, July 10.
Miles, John R., assignor to M. S. Wolk, Chicago, Ill. Slide viewer. 161,856, Feb. 6.
Miles, William A., Dallas, Tex. Merchandise display rack or similar article. 163,891, July 10.
Milestan, Walter J.: *See*—
Nettleton, Harvey L. F., and Milestan.
Millard, Everett M., North Hollywood, Calif. Colander or the like. 163,468, May 29.
Miller, Beatrice L., Cleveland, and G. Parker, Alliance, assignors to Royal China Inc., Sebring, Ohio. Plate or the like. 161,952, Feb. 13.
Miller, Beatrice L., Cleveland, and G. Parker, Alliance, assignors to Royal China Inc., Sebring, Ohio. Plate or the like. 161,953, Feb. 13.
Miller, Beatrice L., Cleveland, and G. Parker, Alliance, assignors to Royal China Inc., Sebring, Ohio. Plate or the like. 162,056, Feb. 20.
Miller, Clyde L., Berkley, and R. D. Brandon, Detroit, assignors of one-third to J. H. Steffes, Berkley, Mich. Toy airplane. 162,560, Mar. 20.
Miller, Howard, Clock Company, assignee: *See*—
Nelson, George W.
Miller, Leonidas C.: *See*—
Jones, George D., and Miller.
Miller, Melvin G., Houston, Tex. Canister. 163,217, May 8.
Miller, Melvin G., Houston, and T. W. Nichols, Pasadena, Tex., said Miller assignor to said Nichols. Slingshot. 162,331, Mar. 6.
Miller Meters, Inc., assignee: *See*—
Teague, James.
Miller, Norman R.: *See*—
Miller, Warren P. and N. R., and Williams.
Miller, Rolford D., Chicago, Ill. Combined ash tray, cigarette holder, and extinguisher. 164,250, Aug. 14.
Miller, Rudy, assignor to Caris-Art Inc., Brooklyn, N. Y. Infant's bottle guard or similar article. 165,235, Nov. 20.
Miller, Walter F., Dayton, Ohio. Squeeze plate for mop. 162,208, Feb. 27.
Miller, Warren P. and N. R., and R. E. Williams, Anderson, Ind. Picnic grill. 165,475, Dec. 18.
Millers Falls Company, assignee: *See*—
Huxtable, Robert W.
Millington, William, Grand Rapids, Mich., and W. M. Day, Kenwood, assignors to The Baldwin Company, Cincinnati, Ohio. Organ console. 164,049, July 24.
Millington, William, Grand Rapids, Mich., and W. M. Day, Kenwood, assignors to The Baldwin Company, Cincinnati, Ohio. Organ console. 164,050, July 24.
Millington, William, Grand Rapids, Mich., and W. M. Day, Kenwood, assignors to The Baldwin Company, Cincinnati, Ohio. Piano case. 165,090, Nov. 6.
Millington, William, Grand Rapids, Mich., and W. M. Day, Kenwood, assignors to The Baldwin Company, Cincinnati, Ohio. Piano case. 165,091, Nov. 6.
Millington, William, Grand Rapids, Mich., and W. M. Day, Kenwood, assignors to The Baldwin Company, Cincinnati, Ohio. Piano case. 165,092, Nov. 6.
Millington, William, Grand Rapids, Mich., and W. M. Day, Kenwood, assignors to The Baldwin Company, Cincinnati, Ohio. Piano case. 165,093, Nov. 6.
Millington, William, Grand Rapids, Mich., and W. M. Day, Kenwood, assignors to The Baldwin Company, Cincinnati, Ohio. Piano case. 165,094, Nov. 6.
Mills, Claude W., Kokomo, Ind. Tool for applying and removing wheel balance weights. 163,533, June 5.
Mills, Jerome P., Milwaukee, Wis. Cleaver. 164,311, Aug. 21.
Millway Knitting Mill, Inc., assignee: *See*—
Dickson, Dorothy V.
Tait, William.
Milster, Arthur N., St. Louis, and R. W. Shartle, Richmond Heights, assignors to Wagner Electric Corporation, St. Louis, Mo. Liquid dispensing device. 161,857, Feb. 6.
Milwaukee Lace Paper Company, assignee: *See*—
Hamilton, Kenneth C.
Mingo, Fred J., Cleveland, Ohio. Can and bottle crusher. 165,387, Dec. 11.
Minisac Mills, Inc., assignee: *See*—
Rudelt, Albert.
Miran, Julius, Bronx, N. Y. Stocking. 162,057, Feb. 20.
Miran, Julius, Bronx, N. Y. Stocking. 162,209, Feb. 27.
Miran, Julius, Bronx, N. Y. Stocking 164,439, Sept. 4.
Miran, Julius, Bronx, N. Y. Stocking. 164,792, Oct. 9.
Miran, Julius, Bronx, N. Y. Stocking. 164,793, Oct. 9.
Miran, Julius, Bronx, N. Y. Stocking. 164,794, Oct. 9.
Miran, Julius, Bronx, N. Y. Stocking. 164,795, Oct. 9.
Miran, Julius, Bronx, N. Y. Stocking. 164,796, Oct. 9.
Miran, Julius, Bronx, N. Y. Stocking. 164,797, Oct. 9.
Miran, Julius, Bronx, N. Y. Stocking. 164,798, Oct. 9.
Miran, Julius, Bronx, N. Y. Stocking. 164,799, Oct. 9.
Miran, Julius, Bronx, N. Y. Stocking. 164,800, Oct. 9.
Miran, Julius, Bronx, N. Y Stocking. 165,339, Dec. 4.
Mistarz, Henry S., Chicago, Ill. Grave marker. 162,210, Feb. 27.
Mitchell, David, Jr., Rosemead, Calif. Combined flashlight clamp and mounting bracket therefor. 163,892, July 10.
Mitchell, Livia, New York, N. Y. Comb. 162,332, Mar. 6.
Mitchell, Livia, New York, N. Y. Comb. 164,874, Oct. 16.
Mitchell Manufacturing Company, assignee: *See*—
Zucker, Armand S.
Mitchell, William L., Omaha, Nebr. Four-in-hand necktie. 165,095, Nov. 6.
Mitchell, William L., Omaha, Nebr. Collar clasp. 165,476, Dec. 18.
Mitchison, Louis E., Baltimore, Md., assignor to National Foam System, Inc., West Chester, Pa. Fire-extinguishing foam producing unit. 165,018, Oct. 30.
Mitschke, Walter, assignor to Classic Weaving Corporation, North Bergen, N. J. Textile fabric. 162,428, Mar. 13.
Mitten, Frank P., Redlands, Calif. Font of three-dimensional display letters. 162,561, Mar. 20.
Moanfeldt, Samuel, assignor to Chambers Mfg. Co., New York, N. Y. Watchband. 162,429, Mar. 13.
Moanfeldt, Samuel, assignor to Chambers Mfg. Co., New York, N. Y. Watchband. 163,893, July 10.
Mochel, Paul J.: *See*—
Soodhalter, Frank, and Mochel.
Modern Telephones Corporation, assignee: *See*—
Rodgers-Bannister, Horace V.
Moe Brothers Manufacturing Company, assignee: *See*—
Eckert, George E.
Moe Light, Inc., assignee: *See*—
Eckert, George E.
Stevens, Clifford B.
Mojonnier Bros. Co., assignee: *See*—
Mojonnier, Timothy.
Mojonnier, Timothy, Oak Park, assignor to Mojonnier Bros. Co., Chicago, Ill. Swiss wafer baker. 163,305, May 15.
Molinari, Jeanne, Zurich, Switzerland. Open mesh knitted shoulder bag. 161,954, Feb. 13.
Monark Silver King, Inc., assignee: *See*—
Daugherty, Jack.

Money, Wilbur D., assignor to The Robbins Company, Attleboro, Mass. Badge or similar article. 164,312, Aug. 21.
Montabert, Germaine, New York, N. Y. Hat. 162,211, Feb. 27.
Montanye, Carlyle N., Baltimore, Md. Calendar stand or similar article. 165,477, Dec. 18.
Montanye, Carlyle N., Baltimore, Md. Calendar stand or similar article. 165,478, Dec. 18.
Montanye, Carlyle N., Baltimore, Md. Calendar stand or similar article. 165,479, Dec. 18.
Monturo, Albert, Brooklyn, N. Y. Combination lipstick holder and cigarette lighter. 163,534, June 5.
Monturo, Albert, Brooklyn, N. Y. Combination lipstick holder and cigarette lighter. 163,535, June 5.
Montz, Lowell H., La Verne, Calif. Marimba. 164,702, Oct. 2.
Moody, Allen M., New Albany, Ind. Strap fastener and hook. 163,469, May 29.
Moody, Otis M., Dallas, Tex. U-clamp or similar article. 162,058, Feb. 20.
Moon, William R. H., assignor to Adrema Limited, London, England. Cabinet for an electric printing machine. 161,639, Jan. 16.
Moon, William R. H., assignor to Adrema Limited, London, England. Stand for an embossing machine. 161,777, Jan. 30.
Moor, Dudley W., Jr., assignor to American Mat Corporation, Toledo, Ohio. Link type rubber mat. 161,702, Jan. 23.
Moor, Dudley W., Jr., assignor to American Mat Corporation, Toledo, Ohio. Link type rubber mat. 161,703, Jan. 23.
Moran, Marion C., Bradford, Pa. Combined coin savings bank and picture frame. 164,251, Aug. 14.
Moran, Marion C., Bradford, Pa. Combined coin savings bank and picture frame. 164,252, Aug. 14.
Morgan, Jack, assignor to Dormeyer Corporation, Chicago, Ill. Liquifier. 164,313, Aug. 21.
Moore, Charlie A., Nashville, Tenn. Comb. 162,430, Mar. 13.
Moore, Francis K.: *See*—
Heyer, Arthur J., and Moore.
Moore, Howard L., Cochranton, Pa. Combined key holder and identification device. 161,490, Jan. 2.
Moore, Jasper A., Houston, Tex. Ash tray. 165,538, Dec. 25.
Moore Special Tool Co., Inc., assignee: *See*—
Victory, Frederick C.
Moore, Thurman, Indianapolis, Ind. Chair frame. 163,306, May 15.
Moore, Walter E., St. Louis County, assignor to Swing-A-Way Manufacturing Company, St. Louis, Mo. Can opener. 163,218, May 8.
Moore, William F., Lake City, Fla. Child's float or similar article. 162,333, Mar. 6.
Moorman, Albert S., Kew Gardens, N. Y. Golf game playing board. 161,491, Jan. 2.
Moran, Ralph V., assignor to V. Moran, Bradford, Pa. Coin bank. 163,307, May 15.
Moran, Ralph V., assignor to V. Moran, Bradford, Pa. Coin bank. 163,308, May 15.
Moran, Ralph V., assignor to V. Moran, Bradford, Pa. Coin bank. 163,309, May 15.
Moran, Ralph V., assignor to V. Moran, Bradford, Pa. Coin bank. 163,310, May 15.
Moran, Ralph V., assignor to V. Moran, Bradford, Pa. Coin bank. 163,311, May 15.
Moran, Vic, assignee: *See*—
Moran, Ralph V.
Morehouse, Dayton J., Springfield, Mass. Pull member for roller curtains or the like. 162,861, Apr. 10.
Morgan, Carlos B., Goshen, Ind., assignor to Penn Controls, Inc. Thermostat casing. 165,539, Dec. 25.
Morgan Furniture Company, assignee: *See*—
Burgold, Kurt.
Morgan, Jack, Chicago, assignor to The Grigoleit Company, Decatur, Ill. Kettle handle. 162,676, Mar. 27.
Morgan, Jack, assignor to Dormeyer Corporation, Chicago, Ill. Food mixer handle. 163,622, June 12.
Morgan, John R., Chicago, and M. H. Boldt, Glenview, assignors to Crown Stove Works, Chicago, Ill. Cooking stove. 162,974, Apr. 17.
Morgenstern, David M., Cleveland, Ohio. Vehicle lamp. 163,312, May 15.
Morgenstern, David M., Euclid, Ohio, assignor to Nelmor Corporation, Chicago, Ill. Portable spotlight. 163,403, May 22.
Morgenstern, David M., Euclid, Ohio, assignor to Nelmor Corporation, Chicago, Ill. Portable spotlight. 163,404, May 22.
Morgenstern, David M., Euclid, Ohio, assignor to Nelmor Corporation, Chicago, Ill. Portable spotlight. 165,185, Nov. 13.
Morgenstern, David M., Euclid, Ohio, assignor to Nelmor Corporation, Chicago, Ill. Portable spotlight. 165,186, Nov. 13.
Morgenstern, David M., Euclid, Ohio, assignor to Nelmor Corporation, Chicago, Ill. Portable spotlight. 165,187, Nov. 13.
Morgenstern, David M., Euclid, Ohio, assignor to Nelmor Corporation, Chicago, Ill. Portable spotlight. 165,188, Nov. 13.
Morris, Bert M., Los Angeles, Calif. Book end. 163,536, June 5.
Morris, Carlos A., assignor to The American Legion, Indianapolis, Ind. Plaque. 161,955, Feb. 13.
Morris, Carlos A., assignor to The American Legion, Indianapolis, Ind. Medal. 162,975, Apr. 17.
Morris, Nathan K., Avon, N. J. Combined fruit and vegetable knife and orange peeler. 164,801, Oct. 9.
Morris, Richard C., assignee: *See*—
Dubinetz, George G., and Morris.
Morris, Wolford A., assignor to Restaurant Products, Springfield, Ill. Butter spreader or similar article. 162,059, Feb. 20.
Morrison, James L. D., Benton Harbor, Mich. Advertising display. 164,703, Oct. 2.
Morrison, James L. D., Benton Harbor, Mich. Advertising display. 164,704, Oct. 2.
Morrison, Robert K., Pittsburgh, Pa. Table top. 162,677, Mar. 27.
Morrison, Simon, New York, N. Y. Pocketbook or similar article. 163,062, Apr. 24.
Morrison, William P., assignor to Bryce Brothers Company, Mount Pleasant, Pa. Goblet or similar article. 161,704, Jan. 23.
Morroni, Peter, Leominster, Mass. Comb. 162,745, Apr. 3.
Morroni, Peter, Leominster, Mass. Comb. 163,763, June 26.
Morroni, Peter, Leominster, Mass. Comb. 163,894, July 10.
Morrow, Abraham S., Brooklyn, N. Y. Scarf. 164,314, Aug. 21.
Morrow, Frank, Johnston, R. I. Metal edging strip. 161,858, Feb. 6.
Morrow, Frank, Johnston, R. I. Metal edging strip. 161,859, Feb. 6.
Morrow, Frank, Johnston, R. I. Metal edging strip. 161,860, Feb. 6.
Morton, Lloyd P., Great Falls, Mont. Nose syringe. 162,862, Apr. 10.
Moses, David, New York, N. Y. Bowtie. 163,537, June 5.
Moses, Henry T., assignor to W. B. Colitre, Fulton, N. Y. Combination hammer, nail-extracting claw, and wrecking tool. 164,705, Oct. 2.
Moskow, Joseph, assignor to Altamont Knitting Mills, Inc., Hazelton, Pa. Sweater. 161,640, Jan. 16.
Moskowitz, Morris, Corporation, assignee: *See*—
Kohn, Leo.
Moss, Leo, Forest Hills, and P. Ferrara, Brooklyn, N. Y. Table lamp. 163,813, July 3.
Moss, Maurice, New York, N. Y. Chain for a bracelet or the like. 164,588, Sept. 18.
Moss, Robert, Jr., Detroit, Mich. Combined fender ornament and signal light. 162,863, Apr. 10.
Moto Guzzi S. A., assignee: *See*—
Guzzi, Carlo.
Motor Products Corporation, assignee: *See*—
Walter, John H.
Whitmore, Harland W.
Motor Wheel Corporation, assignee: *See*—
Wilson, Lawrence H.
Motorola, Inc., assignee: *See*—
Brewster, Franklin C.
Zeller, Herbert J.
Moughty, John J.: *See*—
Wahlberg, Eric C., and Moughty.
Mueller, Chris, Jr., Burbank, Calif. Flower receptacle or similar article. 161,778, Jan. 30.
Mueller, Chris, Jr., Burbank, Calif. Decorative boat. 161,861, Feb. 6.
Mueller, Max B., Bloomfield, N. J., and S. Shapiro, Brooklyn, N. Y. Woman's stocking. 164,589, Sept. 18.
Muench, Toni O., East Liverpool, Ohio, assignor to Fisher, Bruce & Company, Philadelphia, Pa. Plate or similar article. 164,122, July 31.
Mugnai, Fred, assignor to Art Specialty Co., Chicago, Ill. Combined fluorescent lamp and clock. 161,862, Feb. 6.
Mulhern, Frederick J., Waterford, N. Y. Timed automatic pet feeder. 164,590, Sept. 18.
Mull, Arthur B., assignee: *See*—
Joyce, James B.
Muller Machinery Company, Inc., assignee: *See*—
Faber, John P.
Muller-Munk, Peter: *See*—
Emmons, Arthur N., and Müller-Munk.
Stoner, Arthur M., and Muller-Munk.
Muller-Munk, Peter, Pittsburgh, assignor to Eljer Co., Ford City, Pa. Lavatory fitting. 162,678, Mar. 27.
Muller-Munk, Peter, assignor to Otto Milk Company, Pittsburgh, Pa. Container for dairy products and soft drinks. 163,132, May 1.
Muller-Munk, Peter, Pittsburgh, Pa., assignor to The Wayne Pump Company, Fort Wayne, Ind. Housing for fluid dispensing apparatus. 163,764, June 26.
Müller-Munk, Peter, Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Refrigerator. 165,096, Nov. 6.
Muller-Munk, Peter, Pittsburgh, Pa., and C. Delafontaine, North Hollywood, assignors to Reelshav Corporation, Los Angeles, Calif. Razor. 161,779, Jan. 30.
Mullins Manufacturing Corporation, assignee: *See*—
Stanitz, Jacques.
Mulvey, John S.: *See*—
Dunphy, John E., and Mulvey.

Mund, Arthur: *See*—
Forman, Sol, Ramer, and Mund.
Munnecke, Richard A., Pasadena, Calif. Deodorizer or similar article. 162,679, Mar. 27.
Murphy, Albert L., Trona, Calif. Badge. 163,895, July 10.
Murphy, John P., Clifton Heights, Pa. Book. 164,591, Sept. 18.
Murphy, William B., Crandall, Tex. Trousers or similar article. 164,706, Oct. 2
Murray-Ohio Manufacturing Company, The, assignee: *See*—
Schreckengost, Viktor.
Murray, Peter F., Montebello, Calif. Spoon rest. 164,647, Sept. 25.
Murray, Richard C., assignor to Sertoma International, Kansas City, Mo. Badge. 162,334, Mar. 6.
Musano, Daniel: *See*—
Gimble, Irving, and Musano.
Musser, Clair O., Evanston, Ill. Combined plant receptacle and chime. 165,097, Nov. 6.
Muszynski, Marcia G., Detroit, Mich., assignor to United States Rubber Company, New York, N. Y. Pneumatic tire. 165,098, Nov. 6.
Myers, Clifford, Cleveland, Ohio. Visor for automobile headlights. 161,780, Jan. 30.
Myers, Leslie W.: *See*—
Anderson, Albert L., and Myers.
Myers, Leslie W., and A. L. Anderson, assignors to Precision-Cosmet Company, Inc., Minneapolis, Minn. Pair of rimless spectacles or similar article. 164,592, Sept. 18.
Myers, Louis, Rockford, Ill. Combined powder dispenser and drink mixer. 164,253, Aug. 14.
Mysels, George: *See*—
Lapin, Carl, and Mysels.
Nachman Corporation, assignee: *See*—
Pollock, Julian G.
Narrow Fabric Company, assignee: *See*—
Busch, Conrad J.
Nathan, Emanuel, South Orange, N. J. Eyeglass case. 165,297, Nov. 27.
Nathan, Saul, Chicago, Ill. Posting machine. 164,254, Aug. 14.
National Acme Company, The, assignee: *See*—
Drissner, Alfred E.
National Foam System, Inc., assignee: *See*—
Mitchison, Louis E.
National Laboratories, Inc., assignee: *See*—
Graff, George.
National Lock Company, assignee: *See*—
North, Edwin W.
Stone, Roy A.
National Ring & Leather Corporation, assignee: *See*—
DeVorn, Arthur C.
National Silver Company, assignee: *See*—
Bel Geddes, Norman.
Bernstein, Milton.
Eisenberg, Arthur A.
Weeber, Marion.
Nave, Alfred E.: *See*—
Norberg, Oscar E., and Nave.
Naxon, Irving, Chicago, Ill. Ozone-producing and germ-killing apparatus cabinet. 162,680, Mar. 27.
Neal, Bob, Hot Springs, Ark. Purse. 165,540, Dec. 25.
Neal, James, Sr., Detroit, Mich. Portable vanity make-up kit. 163,313, May 15.
Neal, Thomas: *See*—
Goodman, Leo V., and Neal.
Nebel, William, Charlotte, N. C. Lady's stocking. 161,492, Jan. 2.
Nebel, William, Charlotte, N. C. Lady's stocking. 161,493, Jan. 2.
Nebel, William, Charlotte, N. C. Lady's stocking. 161,494, Jan. 2.
Nebel, William, Charlotte, N. C. Lady's stocking. 161,495, Jan. 2.
Needleman, Benjamin, Philadelphia, Pa. Plastic waste receptacle. 164,123, July 31.
Nehi Corporation, assignee: *See*—
Lowry, Richard M.
Neil, Milton: *See*—
Smith, Robert E., and Neil.
Nelmor Corporation, assignee: *See*—
Morgenstern, David M.
Nelson, Dwight M., Chicago, Ill. Automobile rearview mirror. 162,212, Feb. 27.
Nelson, Ellis F., Everett, assignor to New Can Company, Inc., Malden, Mass. Ash tray. 162,060, Feb. 20.
Nelson, Erdick, Walworth, Wis., assignor to Square Manufacturing Company. Beverage dispensing machine. 161,589, Jan. 9.
Nelson, Erdick H., Walworth, Wis. Projector case or the like. 165,480, Dec. 18.
Nelson, George W., New York, N. Y., assignor to Howard Miller Clock Company, Zeeland, Mich. Clock. 162,976, Apr. 17.
Nelson, Lewen R., Peoria, Ill. Lawn sprinkler. 163,470, May 29.
Nelson, Lewen R., Peoria, Ill. Lawn sprinkler. 163,471, May 29.
Nelson, Melven V., and G. L. Beckstrom, assignors to Autopoint Company, Chicago, Ill. Ball point pen or similar article. 162,213, Feb. 27.
Nelson, Pauline G., Staten Island, N. Y. Candleholder. 164,051, July 24.
Nelson, Pauline G., Staten Island, N. Y. Candleholder. 164,052, July 24.
Nelson, Robert W., Lancaster, N. Y. Necktie holder or similar article. 162,431, Mar. 13.
Nelson, Thorwald R., Hollywood, Calif. Combined egg serving cup and saucer. 163,472, May 29.
Neon Products Inc., assignee: *See*—
Smith, Kenneth F.
Nerpel, Charles E., Van Nuys, Calif. Photographic flash gun. 164,593, Sept. 18.
Nesbitt, John J., Inc., assignee: *See*—
McElgin, John W.
Nesco, Inc., assignee: *See*—
Wagner, Franz.
Neto, Enos G., Taunton, Mass. Kitchen range. 162,335, Mar. 6.
Nettleton, Harvey L. F., Milford, and W. J. Milestan, Bridgeport, Conn. Door control. 162,977, Apr. 17.
Neuls, Frederick C., assignor to The G. S. Blodgett Co., Inc., Burlington, Vt. Stove. 164,255, Aug. 14.
Neuman, Edward C., Oak Park, assignor to Cory Corporation, Chicago, Ill. Upper bowl for a coffee brewer. 165,388, Dec. 11.
Neumann, Vera, Ossining, N. Y. Scarf. 161,781, Jan. 30.
Neumann, Vera, Ossining, N. Y. Slit scarf. 161,863, Feb. 6.
Neumann, Frank E., Los Angeles, Calif. Toothbrush holder. 162,978, Apr. 17.
Neumann, Vera, Ossining, N. Y. Scarf. 163,405, May 22.
Neumann, Vera, Ossining, N. Y. Scarf. 163,406, May 22.
Neumann, Vera, Ossining, N. Y. Scarf. 163,407, May 22.
Neumann, Vera, Ossining, N. Y. Scarf. 163,408, May 22.
Neumann, Vera, Ossining, N. Y. Scarf. 164,940, Oct. 23.
Neunaber, Vernon L., Santa Ana, Calif. Fender lamp housing. 165,019, Oct. 30.
Nevell, Thomas G., Riverside, Conn., assignor to Tricolator Company, Inc., New York, N. Y. Coffee urn. 164,941, Oct. 23.
New Can Company, Inc., assignee: *See*—
Nelson, Ellis F.
New Development Co., Inc., assignee: *See*—
Porrett, Robert C., and Semelroth.
Newburger, Mary D., San Mateo, Calif. Refrigerated display tray. 161,956, Feb. 13.
Newell, Edward T., Portland, Oreg. Garbage truck body. 164,315, Aug. 21.
Newhouse, Leon M., Brooklyn, assignor to Longines-Wittnauer Watch Co., Inc., New York, N. Y. Watch dial or similar article. 163,314, May 15.
Newman, Elzie F., Logansport, Ind. Pocket hat brush. 161,641, Jan. 16.
Newman Exclusive Gift Mfrs., Inc., assignee: *See*—
Newman, Richard.
Newman, Morris, assignor to Surprise Brassiere Co., Inc., New York, N. Y. Brassière or similar article. 162,681, Mar. 27.
Newman, Morris, assignor to Surprise Brassiere Co., Inc., New York, N. Y. Brassière or similar article. 162,682, Mar. 27.
Newman, Richard, Forest Hills, assignor to Newman Exclusive Gift Mfrs., Inc., New York, N. Y. Desk clock or the like. 161,957, Feb. 13.
Newman, Robert E., Berkeley, Calif. Glasswasher tray. 162,432, Mar. 13.
New-Process Gear Corporation, assignee: *See*—
Budlong, Robert D.
Newton, Russell B., Danville, Va., assignor to Dan River Mills, Incorporated. Fabric display rack. 163,315, May 15.
Newville, Earl, Detroit, Mich. Air filter cleanliness indicator or the like. 163,958, July 17.
New York Merchandise Co. Inc., The, assignee: *See*—
Posner, George.
Nicholides, Emmanuel C., New York, N. Y., and C. L. Metzler, Palisades Park, N. J., assignors to Dictograph Products Company, Inc., Jamaica, N. Y. Hearing aid apparatus. 164,648, Sept. 25.
Nicholls, James S., Jr.: *See*—
Stanley, Alexander J., and Nicholls.
Nichols, Glen R., Chicago, Ill. Grave marker. 163,896, July 10.
Nichols, Talley W.: *See*—
Miller, Melvin G., and Nichols.
Nicholson, Joseph S., Sydney, Nova Scotia, Canada. Combination memorandum pad and holder. 164,440, Sept. 4.
Nickles, Ned F., assignor to General Motors Corporation, Detroit, Mich. Automotive vehicle hood ornament. 163,473, May 29.
Nicoletti, Ralph A., assignor to Nu-Clear Hosiery Company, Philadelphia, Pa. Stocking. 162,061, Feb. 20.
Nielsen, Herman, Tuckahoe, N. Y., and G. Forrester, West Brooksville, Maine. Towel rack. 162,864, Apr. 10.
Niemann, Fred W., Chicago, Ill. Chair. 162,865, Apr. 10.
Nika, Louis and P. C., Plainfield, N. J. Child's training toilet seat. 164,316, Aug. 21.
Nika, Peggy C.: *See*—
Nika, Louis and P. C.
Nissen, Martin E., Hutchinson, Minn. Birdhouse. 164,707, Oct. 2.
Nolan, James A., New Hope, Pa. Spoon or similar article. 164,053, July 24.

Nolan, James R.: *See*—
Grilley, Edmund S., and Nolan.
Nomann, Carl E., Santa Ana, and G. R. Palm, Montebello, Calif. Grinding machine work support. 162,433, Mar. 13.
Norberg, Oscar E., and A. E. Nave, assignors to Avco Manufacturing Corporation, Cincinnati, Ohio. Door for a refrigerator cabinet. 164,054, July 24.
Norberg, Oscar E., and A. E. Nave, assignors to Avco Manufacturing Corporation, Cincinnati, Ohio. Door for a refrigerator cabinet. 164,055, July 24.
Norco Of Bridgeport, Inc., assignee: *See*—
Plante, Peter G.
Norcross, Inc., assignee: *See*—
Walker, John R.
Nordmark, Walter E.: *See*—
Hoven, Alfred C., and Nordmark.
Norman Products Company, assignee: *See*—
Reichelderfer, Charles A., Raymer, and Herzig.
Norris Inc., assignee: *See*—
Henderson, Raymond L.
Norris Stamping & Manufacturing Company, assignee: *See*—
Baker, James C.
Nors, Mary C., Santa Monica, Calif. Stuffed toy animal figure unit. 161,782, Jan. 30.
North American Aviation, Inc., assignee: *See*—
Stratman, William C.
North, Edwin W., assignor to National Lock Company, Rockford, Ill. Oven door handle. 164,256, Aug. 14.
North Shore Manufacturing Co., assignee: *See*—
Palmer, Clara A.
Norton, Charlie L., Jr., Danville, Va., assignor to Dan River Mills, Incorporated. Ferris wheel display rack. 162,434, Mar. 13.
Norton, Edith, Los Angeles, Calif. Lamp base. 165,236, Nov. 20.
Norton, Edith, Los Angeles, Calif. Lamp base. 165,237, Nov. 20.
Norton, Neil C., San Dimas, Calif. Combined hedge trimmer and lawn edger. 163,474, May 29.
Novel Craft Manufacturing Company, Inc., assignee: *See*—
Strandell, Everett P. A.
Novotny, Marian, Forest Hills, N. Y. Tabernacle or similar article. 163,959, July 17.
Nu-Clear Hosiery Company, assignee: *See*—
Nicoletti, Ralph A.
Nugent, Bede S., Surry Hills, near Sydney, New South Wales, Australia. Ice-cream server. 162,435, Mar. 13.
Nukanen, Ernest, New York, N. Y. Combined tray and condiment shakers. 163,706, June 19.
Nulty, William B., trustee, assignee: *See*—
Harper, Fred C.
Nyberg, Curt E., Chicago, Ill. Combination flashlight and flasher light. 161,958, Feb. 13.
Nye-Wait Company, Inc., assignee: *See*—
Patterson, Oliver W., and Bowen.
Oakes, Harry, Long Island City, assignor to A. L. Siegel Co., Inc., New York, N. Y. Wall-hanging holder for kitchen accessories. 163,897, July 10.
Oakler, Paul P., and B. L. Schmitzer, Pittsburgh, Pa. Wall display panel. 162,746, Apr. 3.
Oakley, Charles P., Benson, Ariz. Ash tray. 165,481, Dec. 18.
Oakley, Laurence M., assignor to Essex Rubber Company, Trenton, N. J. Shoe sole. 163,960, July 17.
Oberholtz, Anthony, assignee: *See*—
Compton, Ellwood O.
O'Brien, Jerry H., Wichita, Kans. Awning. 164,257, Aug. 14.
O'Brien, William C., Baltimore, Md. Telephone support. 165,238, Nov. 20.
Obrist, Max, Long Island, assignor to Toscony Fabrics Inc., New York, N. Y. Plastic film material. 164,802, Oct. 9.
Ocenasek, William F., Plainfield, N. J. Band saw. 164,649, Sept. 25.
O'Connell, Daniel C., Bedford Village, assignor to Sterno, Inc., New York, N. Y. Stand for heated food receptacles. 164,650, Sept. 25.
O'Connell, Daniel C., Bedford Village, assignor to Sterno, Inc., New York, N. Y. Portable hot plate. 164,651, Sept. 25.
O'Connor, Ward J., Bayonne, N. J., assignor to The Lummus Company, New York, N. Y. Console. 162,436, Mar. 13.
O'Connor, Ward J., Bayonne, N. J., assignor to The Lummus Company, New York, N. Y. Console instrument board. 162,437, Mar. 13.
O'Connor, Ward J., Bayonne, N. J., assignor to The Lummus Company, New York, N. Y. Console instrument board. 162,438, Mar. 13.
O'Connor, Ward J., Bayonne, N. J., assignor to The Lummus Company, New York, N. Y. Console instrument board. 162,439, Mar. 13.
O'Connor, Ward J., Bayonne, N. J., assignor to The Lummus Company, New York, N. Y. Console instrument board. 162,866, Apr. 10.
O'Connor, Ward J., Bayonne, N. J., assignor to The Lummus Company, New York, N. Y. Console. 162,979, Apr. 17.
Octave Products, Inc., assignee: *See*—
Palmer, Edward R.
O'Donnell, James B., Jr., Mount Washington, Ohio. Telephone memorandum bracket. 161,864, Feb. 6.
Oertli, Traugott, Zurich, Switzerland. Electric grill. 164,258, Aug. 14.
Oest, George F. and M. C., Rochester, N. Y. Bootclip or similar article. 162,336, Mar. 6.
Oest, Margaret C.: *See*—
Oest, George F. and M. C.
Oetinger, Elmer F., Buffalo, N. Y. Combination bun and roll slicer. 162,440, Mar. 13.
O'Gatty, James A., Los Angeles, Calif. Sacroiliac bar. 162,337, Mar. 6.
Ohlander, Leo E., Washington, D. C. Ash tray. 162,214, Feb. 27.
Oiljak Manufacturing Co., Inc., The, assignee: *See*—
Michaels, Maurice A.
Oishi, Perry T.: *See*—
Ono, Frank M., and Oishi.
O'Keefe, Daniel P., Los Angeles, Calif. Stove backguard. 162,980, Apr. 17.
Olbrés, Zeigmund A., assignor to Van Brode Milling Co., Inc., Clinton, Mass. Container unit for insecticides, disinfectants, deodorants, and the like. 163,475, May 29.
Oldberg Manufacturing Company, assignee: *See*—
Deremer, Floyd E.
O'Leary, Milo J., Rochester, assignor to Chrysler Corporation, Highland Park, Mich. Automobile bumper. 162,215, Feb. 27.
Oles, David: *See*—
Dunn, Henry M., and Oles.
Oliver, Conrad J., Waukegan, and J. Kupski, assignors to The Chicago Hardware Foundry Co., North Chicago, Ill. Electric hand drier or similar article. 164,511, Sept. 11.
Olson, George L., Toms River, N. J. Restaurant sign. 164,194, Aug. 7.
Olson, Hazel, Los Angeles, Calif. Scarf clip or similar article. 163,623, June 12.
Olson, Irvin A., Anacortes, Wash. Combined screw driver and cap. 162,867, Apr. 10.
Olson, Raymond E., Minneapolis, Minn. Sweater or similar article. 164,259, Aug. 14.
Olson, Ronald J., Pelican Rapids, Minn. Table rack. 162,981, Apr. 17.
Olson, Ronald J., Pelican Rapids, Minn. Table rack. 163,898, July 10.
Olson, Russell W., Eau Claire, Wis. Table ornament. 163,476, May 29.
Oneida Ltd., assignee: *See*—
Allen, Grosvenor N., Ressegger, and Fleming.
Fleming, Mary P.
Flynn, Seward W.
O'Neil, William, New York, N. Y., assignor to Pitney-Bowes, Inc., Stamford, Conn. Envelope opening machine. 164,124, July 31.
O'Neil, William, New York, N. Y., assignor to Pitney-Bowes, Inc., Stamford, Conn. Combined counting and printing machine. 164,125, July 31.
O'Neil, William, New York, N. Y., assignor to Pitney-Bowes, Inc., Stamford, Conn. Sheet folding machine. 164,126, July 31.
O'Neil, William J., assignor to Underwood Corporation, New York, N. Y. Typewriting machine. 162,441, Mar. 13.
Ono, Frank M., and P. T. Oishi, assignors to P. M. Parrett, Dayton, Ohio. Melon plugger knife. 162,683, Mar. 27.
Onondaga Pottery Company, assignee: *See*—
Bourne, Douglas.
Cowan, R. Guy.
Garvin, Richard H.
L'Anglais, Pascal.
Leigh, Cyril W.
McKaig, Charles H.
Oppenheimer, Siegfried L., New York, N. Y. Narrow fabric or the like. 162,684, Mar. 27.
Orange State Dispenser Corporation, assignee: *See*—
Burger, William F.
Oraschuk, Henry J.: *See*—
McGuire, Francis P., and Oraschuk.
Orloff, Herman B.: *See*—
Rothchild, Aaron, and Orloff.
Orloff, Jack, New York, N. Y. Blouse. 161,496, Jan. 2.
Orloff, Jack, New York, N. Y. Blouse. 161,497, Jan. 2.
Orloff, Jack, New York, N. Y. Blouse. 161,498, Jan. 2.
Orloff, Jack, New York, N. Y. Blouse. 161,499, Jan. 2.
Orloff, Jack, New York, N. Y. Blouse. 161,500, Jan. 2.
Orloff, Jack, New York, N. Y. Blouse. 161,501, Jan. 2.
Orloff, Jack, New York, N. Y. Blouse. 161,502, Jan. 2.
Orloff, Jack, New York, N. Y. Blouse. 161,503, Jan. 2.
Orloff, Jack, New York, N. Y. Blouse. 161,504, Jan. 2.
Orloff, Jack, New York, N. Y. Blouse. 161,505, Jan. 2.
Orloff, Jack, New York, N. Y. Blouse. 161,506, Jan. 2.
Orloff, Jack, New York, N. Y. Blouse. 161,507, Jan. 2.
Orloff, Jack, New York, N. Y. Blouse. 161,508, Jan. 2.
Orloff, Jack, New York, N. Y. Blouse. 161,509, Jan. 2.
Orloff, Jack, New York, N. Y. Blouse. 161,510, Jan. 2.
Orloff, Jack, New York, N. Y. Blouse. 161,511, Jan. 2.
Orloff, Jack, New York, N. Y. Blouse. 161,512, Jan. 2.
Orloff, Jack, New York, N. Y. Blouse. 161,513, Jan. 2.
Orloff, Jack, New York, N. Y. Blouse. 161,514, Jan. 2.
Orloff, Jack, New York, N. Y. Blouse. 161,515, Jan. 2.
Orloff, Jack, New York, N. Y. Blouse. 161,516, Jan. 2.

Orloff, Jack, New York, N. Y. Blouse. 161,517, Jan. 2.
Orloff, Jack, New York, N. Y. Blouse. 161,518, Jan. 2.
Orloff, Jack, New York, N. Y. Blouse. 161,519, Jan. 2.
Orloff, Jack, New York, N. Y. Blouse. 161,520, Jan. 2.
Orloff, Jack, New York, N. Y. Blouse. 162,562, Mar. 20.
Orloff, Jack, New York, N. Y. Blouse. 162,563, Mar. 20.
Orloff, Jack, New York, N. Y. Blouse. 162,564, Mar. 20.
Orloff, Jack, New York, N. Y. Blouse. 162,565, Mar. 20.
Orloff, Jack, New York, N. Y. Blouse. 162,566, Mar. 20.
Orloff, Jack, New York, N. Y. Blouse. 162,567, Mar. 20.
Orloff, Jack, New York, N. Y. Blouse. 162,568, Mar. 20.
Orloff, Jack, New York, N. Y. Blouse. 162,569, Mar. 20.
Orloff, Jack, New York, N. Y. Blouse. 162,570, Mar. 20.
Orloff, Jack, New York, N. Y. Blouse. 162,571, Mar. 20.
Orloff, Jack, New York, N. Y. Blouse. 162,572, Mar. 20.
Orloff, Jack, New York, N. Y. Blouse. 162,868, Apr. 10.
Orloff, Jack, New York, N. Y. Blouse. 162,869, Apr. 10.
Orloff, Jack, New York, N. Y. Blouse. 165,099, Nov. 6.
Orloff, Jack, New York, N. Y. Blouse. 165,100, Nov. 6.
Orloff, Jack, New York, N. Y. Blouse. 165,101, Nov. 6.
Orloff, Jack, New York, N. Y. Blouse. 165,102, Nov. 6.
Orloff, Jack, New York, N. Y. Blouse. 165,103, Nov. 6.
Orloff, Jack, New York, N. Y. Blouse. 165,104, Nov. 6.
Orloff, Jack, New York, N. Y. Blouse. 165,105, Nov. 6.
Orloff, Jack, New York, N. Y. Blouse. 165,106, Nov. 6.
Orloff, Jack, New York, N. Y. Blouse. 165,107, Nov. 6.
Ornas, Theodore, Jr., Birmingham, Mich., assignor to The United States Time Corporation, Waterbury, Conn. Timer or the like. 163,133, May 1.
Orsini, Nello J., Royal Oak, Mich. Vanity cabinet. 162,062, Feb. 20.
Orta, Oscar, St. Louis, Mo. Drum. 163,538, June 5.
Orzechowski, Benjamin: *See*—
Orzechowski, Henry and B.
Orzechowski, Henry, Pawtucket, and B. Orzechowski, Central Falls, R. I. Photograph album. 164,441, Sept. 4.
Osborn, Herbert E.: *See*—
Ball, Douglas A., and Osborn.
Osgood, Mildred M., New York, N. Y. Puppet or similar article. 162,338, Mar. 6.
Oster, John, Manufacturing Company, assignee: *See*—
Iannelli, Alfonso.
Otto, Carl, New York, N. Y., assignor to General Electric Company. Clockcase. 164,594, Sept. 18.
Otto, Ferdinand P., assignor to Quaker Lace Company, Philadelphia, Pa. Lace tablecloth. 162,063, Feb. 20.
Otto, Ferdinand P., assignor to Quaker Lace Company, Philadelphia, Pa. Lace tablecloth. 162,064, Feb. 20.
Otto, Ferdinand P., assignor to Quaker Lace Company, Philadelphia, Pa. Lace tablecloth. 162,065, Feb. 20.
Otto, Ferdinand P., assignor to Quaker Lace Company, Philadelphia, Pa. Lace tablecloth. 164,708, Oct. 2.
Otto Milk Company, assignee: *See*—
Muller-Munk, Peter.
Ove Gnatt Company, Inc., The, assignee: *See*—
Arnold, Elmer K.
Overniter Manufacturing Corporation, assignee: *See*—
Grube, Charles E.
Owen, George, Jr., Milton, and J. A. Rubico, East Boston, Mass. Tendon protector or similar article. 164,595, Sept. 18.
Owen, George W., Columbia, S. C. Toy figure. 165,340, Dec. 4.
Owen, William, Dallas, Tex. Stilt. 163,624, June 12.
Owens-Illinois Glass Company, assignee: *See*—
Fuerst, Brooks D.
Lorenzen, Arnold I.
Soyster, Huntley H.
Steuer, Norman F.
Owens, Maurice P., assignee: *See*—
Lilja, Oscar G.
Ox Fibre Brush Company, Inc., assignee: *See*—
Gibo, Rene X.
P & M Enterprises, assignee: *See*—
McManus, Bernard T.
Pabco Products Inc., assignee: *See*—
Lawrence, Andrew E.
Pachmayr, Frank A., Culver City, Calif. Recoil pad. 162,216, Feb. 27.
Pachmayr, Frank A., Culver City, Calif. Recoil pad for firearms. 162,217, Feb. 27.
Packard, Howard A., Albany, N. Y. Ash tray. 162,442, Mar. 13.
Packer, Milton R., Detroit, Mich. Combined potato masher and meat tenderizer. 164,380, Aug. 28.
Paden, Frederick T., Collingswood, N. J. Snowshoe. 163,316, May 15.
Pagliuca, Michael, assignor to Alcore Novelty Company, New York, N. Y. Jewelry clasp. 163,317, May 15.
Pagratis, Peter S., & Associates, assignee: *See*—
Tremulis, Alexander S.
Painter, David L., Evanston, Ill., assignor to West Bend Aluminum Co., West Bend, Wis. Electric bean pot. 161,783, Jan. 30.
Painter, David L., Evanston, Ill., assignor to West Bend Aluminum Co., West Bend, Wis. Electric base for table top oven. 162,573, Mar. 20.
Painter, David L., Evanston, and G. H. Hart, Chicago, assignors to McGraw Electric Company, Elgin, Ill. Dish. 163,219, May 8.
Painter, David L., Evanston, assignor to Ditto, Incorporated, Chicago, Ill. Duplicating machine. 163,625, June 12.
Palm, Bernhard N., Newport Beach, assignor to Electra Motors, Inc., Anaheim, Calif. Motor casing. 163,134, May 1.
Palm, George R.: *See*—
Nomann, Carl E., and Palm.
Palma, Joseph, Jr., assignor to Ditto, Incorporated, Chicago, Ill. Duplicating machine. 163,409, May 22.
Palma, Joseph, Jr., assignor to Ditto, Incorporated, Chicago, Ill. Photographic contact printer. 165,389, Dec. 11.
Palmer, Clara A., assignor to North Shore Manufacturing Co., Duluth, Minn. Pram suit. 163,814, July 3.
Palmer, Edward R., assignor to Octave Products, Inc., Meadville, Pa. Hair trimmer. 161,784, Jan. 30.
Palmer, Richard M., Reading, Pa. Chocolate duck. 161,521, Jan. 2.
Palmer, Richard M., Reading, Pa. Chocolate lamb. 161,522, Jan. 2.
Palmer, Richard M., Reading, Pa. Chocolate squirrel. 161,865, Feb. 6.
Palmquist, Marvin E., Cherry Valley, and E. W. Lundstrom, assignors to Century Tool & Manufacturing Company, Rockford, Ill. Faucet hose temperature indicator. 163,626, June 12.
Paly, Sol, Brooklyn, N. Y., assignor to G. B. and E. M. Jackson, doing business as A. G. Behn Shoe Company, Arlington, N. J. Child's slipper. 161,705, Jan. 23.
Paly, Sol, Brooklyn, N. Y., assignor to G. B. and E. M. Jackson, doing business as A. G. Behn Shoe Company, Arlington, N. J. Child's slipper. 161,706, Jan. 23.
Pancotti, Mario, Bronxville, N. Y. Grille for accordions. 162,574, Mar. 20.
Pandele, Charles L., Grand Rapids, Mich. Bottle opener. 164,803, Oct. 9.
Pangburn, Kenneth R., Duluth, Minn. Pocket adding apparatus. 163,135, May 1.
Pangburn, Kenneth R., Duluth, Minn. Pocket adding apparatus unit. 163,136, May 1.
Panich, Michael: *See*—
Wood, Kenneth A., and Panich.
Panole, Edward N., Shawnee, Okla. Serving bar. 164,942, Oct. 23.
Paper Novelty Manufacturing Company, assignee: *See*—
Pretzfelder, Millard, Jr.
Papercraft Corporation, The, assignee: *See*—
Katz, Joseph M.
Papesh, Michael W., Essex, Md., assignor to The Ruberoid Co., Bound Brook, N. J. Roofing. 164,317, Aug. 21.
Paramount Manufacturing Company, assignee: *See*—
Horwitch, Philip R.
Parenti, Delfina, Boston, Mass. Key chain. 162,443, Mar. 13.
Park, Frank C., Marietta, Ohio, assignor to Remington Rand, Inc., New York, N. Y. Combined counter desk and safe. 161,959, Feb. 13.
Park, Malcolm S., Mount Kisco, N. Y., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Sewing machine. 164,709, Oct. 2.
Park, Malcolm S., Mount Kisco, N. Y., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Sewing machine. 164,943, Oct. 23.
Park, Mary P., Chester County, Pa. Confection package. 164,442, Sept. 4.
Parker, Gordon: *See*—
Miller, Beatrice L., and Parker.
Parker, Leonard E., assignor to Cummins Business Machines Corporation, Chicago, Ill. Portable power-operated saw. 161,523, Jan. 2.
Parker, Samuel C., Erdington, Birmingham, England, assignor to Dunlop Tire and Rubber Corporation, Buffalo, N. Y. Tire. 163,539, June 5.
Parrett, Pearl M., assignee: *See*—
Ono, Frank M., and Oishi.
Parry, Robert D., Cincinnati, Ohio. Door chime. 164,260, Aug. 14.
Parsons, John B., Maumee, Ohio. Switch. 162,444, Mar. 13.
Parton, Charles H., Ossining, assignor to D. P. Harris Hardware & Manufacturing Co., Inc., New York, N. Y. Bicycle or similar article. 161,960, Feb. 13.
Parton, Charles H., Ossining, assignor to D. P. Harris Hardware & Manufacturing Co., Inc., New York, N. Y. Bicycle handlebar stem or similar article. 163,540, June 5.
Parton, Charles H., Ossining, assignor to D. P. Harris Hardware & Manufacturing Co., Inc., New York, N. Y. Roller skate. 165,341, Dec. 4.
Parva Products Company, assignee: *See*—
White, Paul W.
Pass & Seymour, Inc., assignee: *See*—
Brooks, John W.
Folley, Milo D.
Swart, Ira E.
Pasta, Tito, Alhambra, Calif. Bread tray. 164,056, July 24.
Pastory, Roscoe J., Dallas, Tex. Serving dish or the like. 162,445, Mar. 13.
Patent License Corporation, assignee: *See*—
Arenberg, Albert L., and Zimmerman.
Rahn, Orval W.
Patent Scaffolding Co., Inc., The, assignee: *See*—
Huck, Joseph.

Paterniti, Anthony, Jamestown, N. Y. Bedside stand. 163,627, June 12.
Patrick, Betty J., Indianapolis, Ind. Portable electric fan. 164,381, Aug. 28.
Patterson, Alonzo W., assignor to Patterson Manufacturing Company, Miami, Okla. Pair of dungarees. 161,524, Jan. 2.
Patterson Manufacturing Company, assignee: *See*— Patterson, Alonzo W.
Patterson, Oliver W., Oswego, Ill., and K. H. Bowen, assignors to Nye-Wait Company, Inc., Auburn, N. Y. Rug sample display rack. 161,525, Jan. 2.
Pattison, Frederic O., Jr., Seattle, Wash. Cigarette and book match dispenser. 161,590, Jan. 9.
Paulk, Hugh C., assignee: *See*— Teague, Walter D., and Ensign.
Paull, Morris: *See*— Siegel, Harold R., and Paull.
Paulsboro Manufacturing Company, assignee: *See*— Jones, James R.
Paumen, Leonard J., Fairview Park Village, Ohio. Ash tray. 164,057, July 24.
Payer, Ernst D., Moreland Hills, Ohio. Magazine stand or similar article. 161,591, Jan. 9.
Pearce, Woodrow W., Los Angeles, Calif. Pedicure apparatus or similar article. 162,870, Apr. 10.
Pearlman, Harry, Syracuse, N. Y. Vegetable cutter. 162,575, Mar. 20.
Pearson, Oscar A., Oak Park, assignor to Webster-Chicago Corporation, Chicago, Ill. Electronic tube body. 164,944, Oct. 23.
Pechy, William: *See*— Preis, Carl G., and Pechy.
Peck, Stow & Wilcox Company, The, assignee: *See*— Wheeler, Charles L.
Peery, Walter E., Greenwich, Conn. Bed. 164,058, July 24.
Peet, Nelson R., Jr., Syracuse, N. Y. Panel for automatic washing machines or the like. 164,443, Sept. 4.
Peet, Nelson R., Jr., Syracuse, N. Y. Panel for household appliances. 164,444, Sept. 4.
Peirce, Charles P., assignee: *See*— Steinbach, Emil C.
Pellicone, Rudolph, San Jose, Calif. Game board. 162,685, Mar. 27.
Pendleton, John M., Denver, Colo. Lamp base. 164,195, Aug. 7.
Penn Controls, Inc., assignee: *See*— Morgan, Carlos B.
Penna, Toney, Delray Beach, Fla., assignor to Sport Products, Inc., Cincinnati, Ohio. Golf club head. 163,961, July 17
Penna, Toney, Delray Beach, Fla., assignor to Sport Products, Inc., Cincinnati, Ohio. Golf club head. 164,596, Sept. 18.
Penna, Toney, Delray Beach, Fla., assignor to Sport Products, Inc., Cincinnati, Ohio. Golf club head. 164,597, Sept. 18.
Penobscot Shoe Co., assignee: *See*— Lown, Philip W.
Pentek, Joseph J., San Carlos, Calif. Fireplace grate. 163,318, May 15.
Perelman, Albert A.: *See*— Johnson, Gerald C., and Perelman.
Perez, Jose B., Habana, Cuba. Shelf for holding toilet articles. 164,875, Oct. 16.
Perfection Stove Company, assignee: *See*— Chadwick, Lee S., Resek, and Day. Perry, Chester C., and Brehm.
Perfex Corporation, assignee: *See*— Hensel, Andrew O.
Perkins, Clarence R., Niles, Ohio. Building. 162,982, Apr. 17.
Perkins, Ronald R., Dallas, Tex. Refrigerated butter and cream dispensing unit. 164,445, Sept. 4.
Perkins, Samuel F., Jr., Washington, D. C. Cosmetic cream jar. 163,063, Apr. 24.
Perkins, Willard T., Irondequoit, assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Illuminator for microscopes. 163,628, June 12.
Perko, Joseph A., Cleveland, Ohio. Line winder. 163,629, June 12.
Perlman, Arnold, Greenwich, Conn., assignor to Helene Pessl, Inc., New York, N. Y. Bottle. 165,108, Nov. 6.
Permenter, Robert P., Jacksonville, Fla. Food chopping board. 164,804, Oct. 9.
Permoflux Corporation, assignee: *See*— Hansen, Ernest E., Jr., and Heineman. Heineman, Lawrence M.
Perry, Chester C., Chagrin Falls, Ohio. Lighting fixture for a cooking range back guard panel. 165,390, Dec. 11.
Perry, Kathleen A., Lucan, Ontario, Canada. Garment hanger. 164,710, Oct. 2.
Persak, George, Jr., Verona, N. J., assignor to L. E. Rabjohn, County of Los Angeles, Calif. Drink dispensing unit. 161,592, Jan. 9.
Person, Earl R., Leominster, Mass., assignor to E. I. du Pont de Nemours and Company, Wilmington, Del. Comb or similar article. 162,871, Apr. 10.
Personal Products Corporation, assignee: *See*— Covey, Laird F., and Greacen.

Perry, Chester C., Chagrin Falls, and H. E. Brehm, Shaker Heights, assignors to Perfection Stove Company, Cleveland, Ohio. Combined top and backguard panel for cooking ranges. 164,318, Aug. 21.
Pessina, Joseph G., assignor to Emro Manufacturing Company, Incorporated, St. Louis, Mo. Portable fluorescent lamp. 164,382, Aug. 28.
Pessl, Helene, Inc., assignee: *See*— Perlman, Arnold.
Peterbilt Motors Company, assignee: *See*— Brumbaugh, George U.
Peter Pan Products, Inc., assignee: *See*— Gaber, Martin.
Peters, Leo, Evanston, Ill. Tray. 164,945, Oct. 23.
Peters, Leo, Evanston, Ill. Molded food product. 165,391, Dec. 11.
Peters, Leo, Evanston, Ill. Molded food product. 165,392, Dec. 11.
Peters, Leo, Evanston, Ill. Molded food product. 165,393, Dec. 11.
Peters, Leslie J.: *See*— Armbruster, John T., and Peters.
Peters, Leslie J., Lancaster, and J. T. Armbruster, Niagara Falls, N. Y., assignors to American Optical Company, Southbridge, Mass. Microscope. 163,410, May 22.
Peters, Lewis E., Beverly Shores, assignor to R. M. Price & Associates, Inc., Chesterton, Ind. Advertising sign. 164,598, Sept. 18.
Peters & Russell, Inc., assignee: *See*— Russell, Linus E.
Petersen, Eugene E.: *See*— Hill, Don E., and Petersen.
Peterson, Howard, Newport News, Va. Sport sandal. 161,707, Jan. 23.
Peterson, Milton H., Midland, Mich. Combination fisherman's creel and tackle box. 161,866, Feb. 6.
Petit, Paul A., Minneapolis, Minn. Wrench for screw-back watchcases. 164,512, Sept. 11.
Petrosky, Stanley, National City, Calif. Dispensing brush for bottles. 165,109, Nov. 6.
Petter, Noel A., assignor to Standard Paper Box Corp., Los Angeles, Calf. Compartmented container. 163,319, May 15.
Petterson, Thorleif H., Pasadena, Calif., assignor to Beckman Instruments, Inc. Control knob. 162,686, Mar. 27.
Pettingell, Charles M., assignor to Keystone View Company, Meadville, Pa. Telebinocular stereoscopic instrument. 161,785, Jan. 30.
Pettit, Frank, Union, N. J., assignor to The Lionel Corporation, New York, N. Y. Combined car and platform for toy railroad. 164,876, Oct. 16.
Petzold, William B., Pittsfield, Mass., assignor to General Electric Company. Ring box or similar article. 162,983, Apr. 17.
Peyton, William T., Dallas, Tex. Lading stabilizer or similar article. 164,877, Oct. 16.
Phelps, Charles N., Selma, Ala., assignor to Southland Mower Company, Inc. Power lawn mower. 161,642, Jan. 16.
Phelps, Clarence M., Grand Rapids, Mich. Household shelf. 161,786, Jan. 30.
Phelps, Elizabeth, assignor to The Marvellum Company, Holyoke, Mass. Paper. 164,599, Sept. 18.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Earring or similar article. 161,526, Jan. 2.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel Inc., New York, N. Y. Link chain for a necklace or similar article. 161,527, Jan. 2.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Link chain for a necklace or similar article. 161,528, Jan. 2.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Link chain for a bracelet or similar article. 161,867, Feb. 6.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Necklace or similar article. 161,961, Feb. 13.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Earring or similar article. 162,066, Feb. 20.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Earring or similar article. 162,067, Feb. 20.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Earring or similar article. 162,068, Feb. 20.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Brooch or similar article. 162,069 Feb. 20.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc New York, N. Y. Brooch or similar article. 162,070, Feb. 20.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Brooch or similar article. 162,071, Feb. 20.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Link chain for a necklace or similar article. 162,072, Feb. 20.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Link chain for a necklace or similar article. 162,073, Feb. 20.

Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Necklace or similar article. 162,074, Feb. 20.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Link chain for a bracelet or similar article. 162,075, Feb. 20.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Link chain for a bracelet or similar article. 162,076, Feb. 20.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Brooch or similar article. 162,077, Feb. 20.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Brooch or similar article. 162,078, Feb. 20.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Bracelet or similar article. 162,079, Feb. 20.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Link chain for a necklace or similar article. 162,218, Feb. 27.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Brooch or similar article. 162,446, Mar. 13.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Necklace or similar article. 162,447, Mar. 13.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Bracelet or similar article. 162,448, Mar. 13.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Earring or similar article. 162,449, Mar. 13.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Earring or similar article. 162,450, Mar. 13.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Brooch or similar article. 162,451, Mar. 13.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Brooch or similar article. 162,452, Mar. 13.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Brooch or similar article. 162,453, Mar. 13.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Brooch or similar article. 162,454, Mar. 13.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Necklace or similar article. 162,455, Mar. 13.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Brooch or similar article. 162,456, Mar. 13.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Necklace or similar article. 162,457, Mar. 13.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Bracelet or similar article. 162,458, Mar. 13.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Earring or similar article. 162,459, Mar. 13.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Brooch or similar article. 162,460, Mar. 13.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Brooch or similar article. 162,461, Mar. 13.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Necklace or similar article. 162,462, Mar. 13.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Necklace or similar article. 162,463, Mar. 13.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Necklace or similar article. 162,464, Mar. 13.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Necklace or similar article. 162,465, Mar. 13.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Brooch or similar article. 162,466, Mar. 13.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Brooch or similar article. 162,467, Mar. 13.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Necklace or similar article. 162,576, Mar. 20.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Necklace or similar article. 162,577, Mar. 20.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fichel, Inc., New York, N. Y. Necklace or similar article. 162,747, Apr. 3.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Bracelet or similar article. 162,748, Apr. 3.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Necklace or similar article. 163,137, May 1.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Link chain for a bracelet or the like. 163,815, July 3.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Link chain for a bracelet or the like. 163,816, July 3.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Link chain for a necklace or the like. 163,817, July 3.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Brooch or similar article. 163,962, July 17.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc.,New York, N. Y. Necklace or the like. 163,963, July 17.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Necklace or the like. 163,964, July 17.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Earring or similar article. 164,127, July 31.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Earring or similar article. 164,128, July 31.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Pin clip or similar article. 164,129, July 31.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Brooch or similar article. 164,130, July 31.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Brooch or similar article. 164,131, July 31.
Philippe, Alfred, Scarsdale, N. Y. Brooch or similar article. 164,132, July 31.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Link chain for a bracelet or the like. 164,319, Aug. 21.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Necklace or the like. 164,652, Sept. 25.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Bracelet or the like. 164,711, Oct. 2.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Link chain for a necklace or the like. 164,712, Oct. 2.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Necklace or the like. 164,713, Oct. 2.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Necklace or the like. 164,714, Oct. 2.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Necklace or the like. 164,715, Oct. 2.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Necklace or the like. 164,716, Oct. 2.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Necklace or the like. 164,717, Oct. 2.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Necklace or the like. 164,718, Oct. 2.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Earring or similar article. 164,719, Oct. 2.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Brooch or similar article. 164,720, Oct. 2.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Brooch or similar article. 164,721, Oct. 2.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Brooch or similar article. 164,722, Oct. 2.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Brooch or similar article. 164,723, Oct. 2.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Brooch or similar article. 164,724, Oct. 2.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel Inc., New York, N. Y. Brooch or similar article. 164,725, Oct. 2.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Brooch or similar article. 164,726, Oct. 2.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Earring or similar article. 164,727, Oct. 2.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Earring or similar article. 164,728, Oct. 2.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Earring or similar article. 164,729, Oct. 2.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Bracelet or the like. 164,730, Oct. 2.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Earring or similar article. 164,731, Oct. 2.

Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Earring or similar article. 164,805, Oct. 9.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Link chain for a necklace or the like. 164,806, Oct. 9.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Link chain for a necklace or the like. 164,807, Oct. 9.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Bracelet or the like. 164,808, Oct. 9.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Link chain for a bracelet or the like. 164,809, Oct. 9.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Link chain for a bracelet or the like. 164,810, Oct. 9.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Brooch or similar article. 164,811, Oct. 9.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Link chain for a necklace or the like. 164,812, Oct. 9.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Link chain for a necklace or the like. 164,813, Oct. 9.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Necklace or the like. 164,814, Oct. 9.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Necklace or the like. 164,815, Oct. 9.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Bracelet or the like. 164,816, Oct. 9.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Necklace or the like. 164,817, Oct. 9.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Earring or similar article. 164,946, Oct. 23.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Earring or similar article. 164,947, Oct. 23.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Earring or similar article. 164,948, Oct. 23.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Earring or similar article. 164,949, Oct. 23.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Pin clip or the like. 164,950, Oct. 23.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Brooch or similar article. 164,951, Oct. 23.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Brooch or similar article. 164,952, Oct. 23.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Brooch or similar article. 164,953, Oct. 23.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Brooch or similar article. 164,954, Oct. 23.
Philippe, Alfred, Scarsdale, N. Y., assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Brooch or similar article. 165,020, Oct. 30.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Link chain for a necklace or the like. 165,189, Nov. 13.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Brooch or similar article. 165,298, Nov. 27.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Necklace or the like. 165,299, Nov. 27.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Bracelet or the like. 165,300, Nov. 27.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Earring or the like. 165,342, Dec. 4.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Brooch or similar article. 165,541, Dec. 25.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Earring or the like. 165,542, Dec. 25.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Earring or the like. 165,543, Dec. 25.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Brooch or the like. 165,544, Dec. 25.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Brooch or the like. 165,545, Dec. 25.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Brooch or the like. 165,546, Dec. 25.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Necklace or the like. 165,547, Dec. 25.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Necklace or the like. 165,548, Dec. 25.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman Fishel, Inc., New York, N. Y. Bracelet or the like. 165,549, Dec. 25.
Phillips, Clyde R., Coshocton, Ohio. Lamp post. 164,513, Sept. 11.
Phillips, Geraldine V.: *See*—
Eddleman, John M., and Phillips.
Phillips, Sidney, Brooklyn, N. Y. Optical filter holder. 162,339, Mar. 6.
Phil-Mar Corporation, assignee: *See*—
Secrist, Lee.
Piatti, Sanzio P. V., Milan, Italy. Motor scooter. 163,899, July 10.
Pichel, Irving, New York, N. Y. Handbag. 165,190, Nov. 13.
Pichel, Irving, New York, N. Y. Handbag. 165,239, Nov. 20.
Pichel, Irving, New York, N. Y. Handbag. 165,240, Nov. 20.
Picken, Mary B., New York, N. Y. Dressmaking template. 163,411, May 22.
Picker X-Ray Corporation, Waite Manufacturing Division, Inc., assignee: *See*—
Stava, Robert J., and Schneerer.
Picture Recording Company, assignee: *See*—
Klotz, Edward C., Jr.
Pierce, Harold C., Leominster, Mass. Pipe rack. 162,872, Apr. 10.
Pifer, George W., Findlay, Ohio. Toothbrush. 163,707, June 19.
Pike, Stewart W., Audubon, N. J., assignor to Radio Corporation of America. Microphone. 163,477, May 29.
Pilch, John S., Ware, Mass. Hydraulic trencher. 162,873, Apr. 10.
Pilkey, Harold W., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Automobile lamp lens. 163,412, May 22.
Pilot Full Fashion Mills, Inc., assignee: *See*—
Pons, Onesime H.
Pink, Marvin, Chicago, Ill. Syringe rack. 164,196, Aug. 7.
Pinterally, Alfred, Chicago, Ill. Toy figure or similar article. 163,765, June 26.
Pioneer Scientific Corporation, assignee: *See*—
Hinman, George R.
Pitney-Bowes, Inc., assignee: *See*—
O'Neil, William.
Planeta, Paul H., East Hampton, Conn. Combination dish drainer and receptacle support. 164,197, Aug. 7.
Plank, Leland H., Mobridge, S. Dak. Game board. 161,868, Feb. 6.
Plank, Leland H., Mobridge, S. Dak. Game board. 161,869, Feb. 6.
Plante, Peter G., Fairfield, assignor to Norco Of Bridgeport, Inc., Bridgeport, Conn. Toy figure. 161,962, Feb. 13.
Plastic Innovations, Inc., assignee: *See*—
Burkes, Alexander.
Platz, Elwood T., W. Robertson, and L. W. Higgins, assignors to Bull-Dog Electric Products Company, Detroit, Mich. Electric control panel board. 162,340, Mar. 6.
Platz, Elwood T., W. Robertson, and L. W. Higgins, assignors to Bull-Dog Electric Products Company, Detroit, Mich. Electric control panel board. 162,341, Mar. 6.
Platz, Elwood T., W. Robertson, and L. W. Higgins, assignors to Bull-Dog Electric Products Company, Detroit, Mich. Electric control panel board. 162,342, Mar. 6.
Plawczyk, Owsiej, London, England. Extension loudspeaker. 162,080, Feb. 20.
Playford, Benjamin F., Staunton, Va. Stocking. 164,600, Sept. 18.
Plepla, Karl, Pelham, assignor to Superior Watch Corporation, New York, N. Y. Watch dial or similar article. 164,601, Sept. 18.
Poerner, Edward W., East Orange, assignor of one-half to D. Tunick, Newark, N. J. Chandelier. 163,478, May 29.
Poglein, Louis, assignor to McKee Glass Company, Jeannette, Pa. Bird house. 164,446, Sept. 4.
Poirier, Junior C., Duluth, Minn. Kitchen knife. 162,468, Mar. 13.
Pokras, Harry, Los Angeles, and H. R. Greene, Pasadena, assignors to Merit Products, Inc., Culver City, Calif. Combined registration certificate, cigarette and match holder. 161,787, Jan. 30.
Polakov, George I., New York, N. Y. Toy animal figure. 164,198, Aug. 7.
Polenz, Paul W., La Jolla, Calif. Sea anchor. 162,874, Apr. 10.
Polhemus, Sidney M., Jr., Forest Hills, N. Y. Display plate for an automobile. 162,219, Feb. 27.
Polimeni, Frank, Steubenville, Ohio. Comb. 162,749, Apr. 3.
Polivka, John N., Minneapolis, Minn., assignor to General Mills, Inc. Combined coffeepot and stand. 164,059, July 24.
Polivka, John N., Minneapolis, Minn., assignor to General Mills, Inc. Coffeemaker. 164,060, July 24.

Polivka, John N., Minneapolis, Minn., assignor to General Mills, Inc. Beverage pot. 164,061, July 24.
Polivka, John N., Minneapolis, Minn., assignor to General Mills, Inc. Beverage maker. 164,062, July 24.
Polivka, John N., G. T. Scharfenberg, and V. M. Butterfield, Minneapolis, Minn., assignors to General Mills, Inc. Household food mixer. 162,875, Apr. 10.
Pollock, Julian G., Philadelphia, Pa., assignor to Nachman Corporation, Chicago, Ill. Figurine. 162,469, Mar. 13.
Pollock, Sylvia S., Mayville, N. Y. Holder for the lids of pots and pans. 163,630, June 12.
Polye, William R., River Edge, and G. V. Zito, South Hackensack, N. J., assignors, by mesne assignments, to the United States of America as represented by the United States Atomic Energy Commission. Radiation meter. 162,750, Apr. 3.
Pons, Onesime H., assignor to Pilot Full Fashion Mills, Inc., Valdese, N. C. Lady's stocking. 162,220, Feb. 27.
Pope, Melkiah E., Montrose, Calif. Fish lure. 161,870, Feb. 6.
Pope, Teddy R., Sr., Memphis, Tenn. Automobile ornament. 161,529, Jan. 2.
Pope, Thomas E.: *See*—
Richardson, Louis K., and Pope.
Popkin, Julius, Springfield, assignor to The Berkline Corporation, Chicopee Falls, Mass. Chair. 164,732, Oct. 2.
Porozynski, Eugene, Cleveland Heights, Ohio. Hobbyhorse head. 165,482, Dec. 18.
Porrett, Robert C., Detroit, and W. H. Semelroth, Royal Park, assignors to New Development Co., Inc., Detroit, Mich. Automoible license plate holder. 163,320, May 15.
Portable Air Cooler and Heating, Inc., assignee: *See*—
Long, John E.
Portable Electric Tools, Inc., assignee: *See*—
Davis, Robert K.
Porter-Cable Machine Company, assignee: *See*—
Emmons, Arthur N.
Emmons, Arthur N., and Bruck.
Emmons, Arthur N., and Müller-Munk.
Porter, Minnie, Knoxville, Tenn. Apron. 162,984, Apr. 17.
Porter, Wayne R., assignor to Grand Rapids Store Equipment Company, Grand Rapids, Mich. Cabinet. 165,241, Nov. 20.
Porter, Wayne R., assignor to Grand Rapids Store Equipment Company, Grand Rapids, Mich. Cabinet. 165,242, Nov. 20.
Porter, Wayne R., assignor to Grand Rapids Store Equipment Company, Grand Rapids, Mich. Cabinet. 165,243, Nov. 20.
Portong, Henry A., Manhasset, N. Y. Textile fabric. 162,876, Apr. 10.
Posner, George, assignor to The New York Merchandise Co. Inc., New York, N. Y. Box top. 165,301, Nov. 27.
Post, Arthur, and W. Lynen, assignors to Bona Fide Mills, Inc., New York, N. Y. Hard surface rug or the like. 164,261, Aug. 14.
Potekin, Gus G., Chicago, Ill., assignor to Richberry Electric Co. Portable lantern. 162,578, Mar. 20.
Pouliot, Paul, Montreal, Quebec, Canada. Pocket lighter. 163,064, Apr. 24.
Poux, Noel J., Meadville, Pa. Combined slider body and pull tab for slide fasteners. 164,262, Aug. 14.
Powell, Ben N., Wasco, Calif. Trailer. 163,631, June 12.
Powell, Frank, Miami, Fla. Plaque. 162,470, Mar. 13.
Powell, La Von I., Denver, Colo. Child's pushcart. 161,593, Jan. 9.
Powell, La Von I., Denver, Colo. Child's push vehicle. 163,065, Apr. 24.
Powell, Vernon W., Decatur, Ill. Nonrefrigerated developing tank. 161,788, Jan. 30.
Power Tool Rentals, Inc., assignee: *See*—
Kent, Sanford, Lehman, and Lippman.
Pratt, Edward R., Nahant, assignor of one-half to D. E. Dagget, Melrose, Mass. Protective holder for razor. 163,321, May 15.
Pratt, Elon G., New York, N. Y., assignor to Smokador Manufacturing Co., Inc., Bloomfield, N. J. Smoking stand. 162,751, Apr. 3.
Precision Apparatus Co., Inc., assignee: *See*—
Goldberger, Gerald N., and Robinson.
Precision-Cosmet Company, Inc., assignee: *See*—
Anderson, Albert L.
Anderson, Albert L., and Myers.
Myers, Leslie W., and Anderson.
Precourt, Lee H., Whittier, assignor to Coast Fishing Company, Los Angeles, Calif. Icebox dish. 162,081, Feb. 20.
Preis, Carl G., Forest Hills, N. Y., and W. Pechy, Manasquan, N. J., assignors to American Can Company, New York, N. Y. Combination can and bottle opener. 162,082. Feb. 20.
Prentiss Wabers Products Company, assignee: *See*—
Jenson, Kenneth S.
Prescott, Robert K., Elgin, Ill., assignor to Illinois Watch Case Co. Catch button for compacts or the like. 161,643, Jan. 16.
Prestinari, Eugen, Short Hills, and J. F. Sand, Newark, assignors to Gemex Company, Union, N. J. Expansible chain. 164,955, Oct. 23.
Pretzfelder, Millard, Jr., Plandome, assignor to Paper Novelty Manufacturing Company, Brooklyn, N. Y. Tape dispenser frame. 164,733, Oct. 2.
Preutzel, Carl C., Affton, assignor to Anheuser-Busch, Inc., St. Louis, Mo. Heater. 162,083, Feb. 20.
Prew, Howard A., Providence, R. I., assignor to Pru-Lesco, Inc. Picture frame holder. 163,632, June 12.
Price, Gordon A., Canton, Ohio. Child's peg board clothes hanger. 164,956. Oct. 23.
Price, Joseph D., Toledo, Ohio. Mailbox. 164,383, Aug. 28.
Price, Julious A., Castro Valley, and J. D. Rutzebeck, Hayward, Calif. Angle head for rotary tools. 162,877, Apr. 10.
Price, Raymond M., & Associates, Inc., assignee: *See*—
Peters, Lewis E.
Price, Samuel J., Jr., Birmingham, Ala., assignor to Atlanta Stove Works, Inc. Heater cabinet. 164,447, Sept. 4.
Prichard, Evan S., La Canada, assignor to Cook Bros. Equipment Co., Los Angeles, Calif. Truck mixer. 162,878, Apr. 10.
Prim Fashions, Inc., assignee: *See*—
Georgiades, Helen A.
Proctor, Aurion M., Blauvelt, assignor to American Car and Foundry Company, New York, N. Y. Railway vehicle. 162,221, Feb. 27.
Proctor Electric Company, assignee: *See*—
Dailey, Donald E.
Procter & Gamble Company, The, assignee: *See*—
Deskey, Donald.
Product Design & Mfg. Corp.: *See*—
Bunin, Ben.
Propulsion Engine Corporation, assignee: *See*—
Huff, William H.
Shaw, Gerald J.
Prouty, Lawrence R., New York, N. Y. Electric typewriter. 165,550, Dec. 25.
Provenzano, William N., West Englewood, N. J. Earring. 163,708, June 19.
Pru-Lesco, Inc., assignee: *See*—
Prew, Howard A.
Pryne, Ralph, Pomona, Calif. Lighting fixture globe. 163,220, May 8.
Pullman-Standard Car Manufacturing Company, assignee: *See*—
Girardy, Alfred B., Doman, and Meyers.
Haman, Ralph W., Girardy, and Doman.
Meldrum, Robert A., Candlin, and Haman.
Sleeman, William C., and Karger.
Spence, John H.
Pullon, Raymond A., Milford, assignor to The A. C. Gilbert Company, New Haven, Conn. Toy train controller or the like. 164,384, Aug. 28.
Pumilia, Charles, Jr., and F. Jurisich, Jr., New Orleans, La. Service station. 162,222. Feb. 27.
Punzak, Joseph F., assignor to United Metal Goods Manufacturing Co., Inc., Brooklyn, N. Y. Clockcase or similar article. 162,879, Apr. 10.
Punzak, Joseph F., assignor to United Metal Goods Manufacturing Co., Inc., Brooklyn, N. Y. Liquid serving unit. 162,985, Apr. 17.
Punzak Joseph F., assignor to United Metal Goods Manufacturing Co., Inc., Brooklyn, N. Y. Liquid serving unit. 162,986, Apr. 17.
Punzak, Joseph F., assignor to United Metal Goods Manufacturing Co., Inc., Brooklyn, N. Y. Clock case or similar article. 163,138, May 1.
Punzak, Joseph F., assignor to United Metal Goods Manufacturing Co., Inc., Brooklyn, N. Y. Clock. 163,413, May 22.
Punzak, Joseph F., assignor to United Metal Goods Manufacturing Co., Inc., Brooklyn, N. Y. Clock. 163,414, May 22.
Punzak, Joseph F., assignor to United Metal Goods Manufacturing Co., Inc., Brooklyn, N. Y. Clock. 163,415, May 22.
Punzak, Joseph F., assignor to United Metal Goods Manufacturing Co., Inc., Brooklyn, N. Y. Clock case or similar article. 163,416, May 22.
Punzak, Joseph F., assignor to United Metal Goods Manufacturing Co., Inc., Brooklyn, N. Y. Clock case or similar article. 163,417, May 22.
Punzak, Joseph F., assignor to United Metal Goods Manufacturing Co., Inc., Brooklyn, N. Y. Clock. 164,602, Sept. 18.
Purviance, Nathan M., Lewiston, Idaho. Decorative ornament. 161,789. Jan. 30.
Pyrene Manufacturing Company, assignee: *See*—
Van Sciver, Edwin P.
Quaker Lace Company, assignee: *See*—
Hooven, Howard.
Otto, Ferdinand P.
Waldman, Thelma.
Wolf, William.
Quikut, Inc., assignee: *See*—
Carroll, Lawrence K.
Quinn, Edward F., Larchmont, N. Y., assignor to the United States of America as represented by the Secretary of the Army. Cubicle partition unit. 164,734, Oct. 2.
RPM Manufacturing Company, assignee: *See*—
Doyle, Joel G.
Rabinovitz, Isador, Philadelphia, Pa. Stocking. 162,343, Mar. 6.
Rabinowitz, Celia, Brooklyn, N. Y. Embroidery kit. 161,644, Jan. 16.

Rabinowitz, Isidor, Philadelphia, Pa. Stocking. 164,385, Aug. 28.
Rabinowitz, Isidor, Philadelphia, Pa. Stocking. 164,603, Sept. 18.
Rabjohn, Lloyd E., assignee: *See*—
Persak, George, Jr.
Rachins, Edward, Brookline, Mass. Bottle. 165,110, Nov. 6.
Rademacher, Bruce A., assignee: *See*—
Gibson, Otto S.
Radio Corporation of American, assignee: *See*—
Pike, Stewart W.
Ragsdale, James W., assignor to Acme Products Corporation, St. Joseph, Mo. Electronic insect killer. 164,818, Oct. 9.
Rahn, Orval W., assignor to Patent License Corporation, Chicago, Ill. Truck cab light. 161,708, Jan. 23.
Rahn, Orval W., assignor to Patent License Corporation, Chicago, Ill. Automobile reading light. 161,709, Jan. 23.
Raichel, Thomas, assignor to Deena Products Co., Chicago, Ill. Lamp. 165,343, Dec. 4.
Rains, Snowden L., St. Charles, Mo. Door knocker. 162,344, Mar. 6.
Ralston, Robert E., Seattle, Wash. Dollhouse. 163,479, May 29.
Ramer, Leonard: *See*—
Forman, Sol, Ramer, and Mund.
Ramírez, Humberto V., Mexico City, Mexico. Airplane. 163,818, July 3.
Randall, Horace, Pawtucket, R. I., assignor to The H. M. H. Co. Religious pendant. 165,394, Dec. 11.
Ranilom, Inc., assignee: *See*—
Wray, Victor C.
Ranney, Herbert H., assignor to Cone Automatic Machine Company, Inc., Windsor, Vt. Single spindle automatic lathe. 163,900, July 10.
Ransom, Harland R., Detroit, Mich. Combined can and bottle opener. 164,448, Sept. 4.
Rapoport, Theodore H., Summit, Ill. Board game. 162,687, Mar. 27.
Raucher, Charles S., New York, N. Y. Belt or similar article. 163,480, May 29.
Rauh, Stanley E., Los Angeles, Calif. Make-up mirror. 163,481, May 29.
Raulston, James L., South Pittsburg, Tenn. Cabinet type radiant heater. 163,066, Apr. 24.
Rawson, Emanuel, Chicago, Ill. Suspended milker. 162,880, Apr. 10.
Ray, Herbert S., Chicago, Ill. Combined cushion and headrest. 163,709, June 19.
Rayfel Hosiery Mills, Inc., assignee: *See*—
Magnier, Morris.
Raymer, Herman G.: *See*—
Reichelderfer, Charles A., Raymer, and Herzig.
Reader, Julius, assignor to American Photocopy Equipment Company, Chicago, Ill. Developer-printer. 164,263, Aug. 14.
Reagor, Loretta, Shreveport, La. Christmas stocking. 164,957, Oct. 23.
Reamer, Gustave, Baltimore, Md. Combined camera and support therefor. 163,766, June 26.
Reconstruction Finance Corporation, assignee: *See*—
Huffaker, Robert M., Larson, Laue, Reedy, and Davis.
Reddig, James C., and K. A. Van Dyck, assignors to Eastman Kodak Company, Rochester, N. Y. Transparency mount. 163,965, July 17.
Redi Products Corporation, assignee: *See*—
Kedzie, Adam S.
Redlich, Solomon, assignor to Consolidated Sewing Machine & Supply Co., Inc., New York, N. Y. Light adapter for sewing machine motors. 164,819, Oct. 9.
Redlin Productions, Inc., assignee: *See*—
Redlin, William A.
Redlin, William A., Encino, assignor to Redlin Productions, Inc., Los Angeles, Calif. Mask for disguise or the like. 164,958, Oct. 23.
Redlin, William A., Encino, assignor to Redlin Productions, Inc., Los Angeles, Calif. Mask for disguise or the like. 164,959, Oct. 23.
Redmond, Mabel C., San Francisco, Calif. Ring or similar article. 163,067, Apr. 24.
Reece, Clarence D., Minneapolis, Minn. Vacuum cleaner cart. 165,191, Nov. 13.
Reed, Alfred S., assignor to Ripon Knitting Works, Ripon, Wis. Leather soled sock. 163,633, June 12.
Reedy, Richard E.: *See*—
Huffaker, Robert M., Larson, Laue, Reedy, and Davis.
Reelshav Corporation, assignee: *See*—
Jones, George D., and Miller.
Muller-Munk, Peter, and Delafontaine.
Stein, Jack M.
Rees, Hermine, Arlington, Mass. Maternity slip or similar article. 163,221, May 8.
Rees, Hermine, Arlington, Mass. Maternity slip or similar article. 163,222, May 8.
Reichelderfer, Charles A., H. G. Raymer, and H. L. Herzig, assignors to Norman Products Company, Columbus, Ohio. Gas-fired unit heater or similar article. 163,482, May 29.
Reichelderfer, Charles A., H. G. Raymer, and H. L. Herzig, assignors to Norman Products Company, Columbus, Ohio. Gas-fired unit heater or similar article. 163,483, May 29.
Reid, Ruth E., Selma, Ala. Dining table stand. 163,710, June 19.
Reid, Wesley, Philadelphia, Pa. Stocking. 163,484, May 29.
Reifsteck, Francis, Champaign, Ill., assignor of one-sixth to J. W. Kinney, Jr., Cincinnati, Ohio, one-sixth to J. M. Luker, and one-sixth to R. E. Winkelmann, Urbana, Ill. Combined tail gate hinge and latch. 165,302, Nov. 27.
Reilly, Alfred F., assignor to Evans Case Co., North Attleboro, Mass. Combined lighter and cigarette urn. 162,688, Mar. 27.
Reilly, Alfred F., North Attleboro, Mass., assignor to Evans Case Co. Table lighter or similar article. 163,711, June 19.
Reilly, Alfred F., North Attleboro, Mass., assignor to Evans Case Co. Table lighter or similar article. 163,712, June 19.
Reilly, Alfred F., North Attleboro, Mass. Table lighter. 165,395, Dec. 11.
Reilly, William J., Attleboro, Mass., assignor to Evans Case Co. Table lighter. 162,223, Feb. 27.
Reilly, William J., Attleboro, Mass., assignor to Evans Case Co. Table lighter. 163,634, June 12.
Reilly, William J., Attleboro, assignor to Evans Case Co., North Attleboro, Mass. Table lighter. 163,767, June 26.
Reimann, Leo D., Salem, Oreg. Dispensing container for liquids. 161,645, Jan. 16.
Reineke, Charles, Jr., St. Louis, Mo. Edible ice-cream cup. 163,635, June 12.
Reinhart, John B., Jr., and J. B. Ruebel, Farmington, Mo. Sandal. 161,646, Jan. 16.
Reiser, John H., Los Angeles, assignor to Wallace China Co., Ltd., Huntington Park, Calif. Plate. 165,021, Oct. 30.
Reiter, Harold J., Chicago, Ill. Tab. 163,223, May 8.
Reiter, Harold J., Chicago, Ill. Tab. 163,224, May 8.
Reiter, Harold J., Chicago, Ill. Tab. 163,225, May 8.
Remington Products Corporation, assignee: *See*—
Sacks, Irving J.
Remington Rand, Inc., assignee: *See*—
Dalton, Robert A.
Park, Frank C.
Rendessy, Albert, Glendale, Calif. Foundation ventilator. 165,244, Nov. 20.
Renna, Michele, Los Angeles, Calif. Buffet bar. 163,901, July 10.
Renwick, Lois M., Phoenix, Ariz. Yarn carrier. 163,226, May 8.
Republic Aviation Corporation, assignee: *See*—
Kartveli, Alexander.
Resek, Marc: *See*—
Chadwick, Lee S., Aesek, and Day.
Ressegger, Lloyd E.: *See*—
Allen, Grosvenor N., Ressegger, and Fleming.
Restaurant Products, assignee: *See*—
Morris, Wolford A.
Reuben, Samuel, Jr., Chicago, Ill. Portable warning device. 165,192, Nov. 13.
Reuther, Harold H., Wyomissing, Pa. Toy boat. 161,871, Feb. 6.
Revco, Inc., assignee: *See*—
Kafer, Clare.
Revere Camera Company, assignee: *See*—
Davis, John E.
Revere Copper and Brass Incorporated, assignee: *See*—
Welden, William A.
Revness, Ellis G.: *See*—
Gray, John M., and Revness.
Rex, Charles H., Marblehead, Mass., assignor to General Electric Company. Street lighting unit. 162,752, Apr. 3.
Rex Welder & Engineering Co., assignee: *See*—
Fotie, Joseph A.
Reynolds, Carl, Jr., Birmingham, Mich., assignor to Avco Manufacturing Corporation, Cincinnati, Ohio. Window for television viewing screens. 161,530, Jan. 2.
Reynolds, Carl, Jr., Birmingham, Mich., assignor to Avco Manufacturing Corporation, Cincinnati, Ohio. Television receiver front panel. 161,531, Jan. 2.
Reynolds, Carl, Jr., Birmingham, Mich., assignor to Avco Manufacturing Corporation, Cincinnati, Ohio. Window for television viewing screens. 161,532, Jan. 2.
Reynolds, Carl, Jr., Birmingham, Mich., assignor to Avco Manufacturing Corporation, Cincinnati, Ohio. Television receiver front panel. 161,533, Jan. 2.
Reynolds, Carl, Jr., Birmingham, Mich., assignor to Avco Manufacturing Corporation, Cincinnati, Ohio. Electric range. 161,647, Jan. 16.
Reynolds, Carl, Jr., Birmingham, Mich., assignor to Avco Manufacturing Corporation, Cincinnati, Ohio. Electric range. 161,648, Jan. 16.
Reynolds, Carl, Jr., Birmingham, Mich., assignor to Avco Manufacturing Corporation, Cincinnati, Ohio. Evaporator door for a refrigerator. 162,471, Mar. 13.
Reynolds, Frederick, Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Automobile lamp lens housing. 163,541, June 5.
Reynolds, Frederick, Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Grille bar for an automobile. 163,636, June 12.
Ricard, Lawrence J., Brooklyn, N. Y. Combination comb and brush wall rack. 162,224, Feb. 27.

Rich, Hyman R., New York, assignor to West Disinfecting Company, Long Island City, N. Y. Electric hand sprayer. 161,710, Jan. 23.
Rich, Hyman R., New York, assignor to West Disinfecting Company, Long Island City, N. Y. Portable spraying device. 162,987, Apr. 17.
Richards, Harry C., Morristown, N. J., assignor to Foster Grant Co., Inc., Leominster, Mass. Pair of sunglasses or the like. 163,485, May 29.
Richardson, Charles E., South Gate, Calif. Dry cleaners' spot removing device. 162,881, Apr. 10.
Richardson, Louis K., Seattle, Wash., and T. E. Pope, Kodiak, Territory of Alaska. Edible container. 163,902, July 10.
Richart, Melvin M., Selma, Calif. Trailer hitch. 162,225, Feb. 27.
Richberry Electric Co., assignee: *See*—
Potekin, Gus G.
Richford Corporation, assignee: *See*—
Roehrich, Paul E.
Richlite Manufacturing Company, assignee: *See*—
Kramer, Murray B.
Richwine, James R., Lorain, Ohio. Vehicle signal light. 165,396, Dec. 11.
Ridenour, Seldon S., Rock Island, assignor to Fairbanks, Morse & Co., Chicago, Ill. Platform weighing scale. 163,322, May 15.
Ridenour, Seldon S., Rock Island, assignor to Fairbanks, Morse & Co., Chicago, Ill. Platform weighing scale. 163,768, June 26.
Riemann, Howard C., assignor to The Fulton Company, West Allis, Wis. Utility tray. 165,111, Nov. 6.
Riemerschmid, Anton, Kommanditgesellschaft, assignee: *See*—
Riemerschmid, Heinrich.
Riemerschmid, Heinrich, Munich, assignor to Anton Riemerschmid Kommanditgesellschaft, Munich, Bavaria, Germany. Jug. 164,063, July 24.
Rigaumont, Victor A., Pittsburgh, Pa. Theater front. 164,320, Aug. 21.
Riley, Sheldon P., Newport Beach, assignor to C. P. Colbert, Burbank, Calif. Peeler. 161,534, Jan. 2.
Ringler, William A., Wayne, Pa., assignor to The Gardner-Richardson Company, Middletown, Ohio. Collapsible bottle carrier. 162,988, Apr. 17.
Riordan, John A., Denver, Colo. Charcoal grill. 164,199, Aug. 7.
Riordan, John J., Minneapolis, Minn. Waste receptacle. 161,649, Jan. 16.
Rioux, Ros. New York, N. Y. Dice roller. 163,323, May 15.
Ripon Knitting Works, assignee: *See*—
Reed, Alfred S.
Rippe, Henry F., Cincinnati, Ohio. Newspaper rack or similar article. 162,226, Feb. 27.
Ripple, Hoyle C., assignee: *See*—
Graham, Johnnie B.
Risico, Joseph C., Brooklyn, N. Y. Airplane. 163,819, July 3.
Rittenhouse, Charles, Cincinnati, Ohio. Portable electric tool. 163,324, May 15.
Ritter, Saul, assignor of one-half to M. J. Bruner, New York, N. Y. Bracelet or similar article. 161,963, Feb. 13.
Rizzatti, Frank J., Brooklyn, assignor to Burleigh Brooks Co., New York, N. Y. Photographic flash gun. 162,989, Apr. 17.
Robbins Company, The, assignee: *See*—
Money, Wilbur D.
Robbins & Myers, Inc., assignee: *See*—
Zimmer, George H., Jr.
Robbins, Otis C., Dallas, Tex. Bedstead or similar article. 165,245, Nov. 20.
Robbins, Otis C., Dallas, Tex. Dresser or similar article. 165,397, Dec. 11.
Robbins, Robert L., Jr., Berkeley, Calif., assignor to G. L. Byers, as trustee. Game board. 163,068, Apr. 24.
Robbins, Robert L., Jr., assignor to G. L. Byers, Berkeley, Calif. Game board. 163,325, May 15.
Robert Hosiery Mills, assignee: *See*—
Rudelt, Albert.
Roberts, Grant W., Bedford, Va. Bottle holder. 163,069, Apr. 24.
Roberts, Harry J., University Heights, Ohio. Bulletin board. 161,535, Jan. 2.
Roberts, Robert E., San Diego, Calif. Saw. 164,264, Aug. 14.
Robertson, Archibald: *See*—
Gruver, Benton A., and Robertson.
Robertson, William: *See*—
Platz, Elwood T., Robertson, and Higgins.
Robertson, William, and L. W. Higgins, assignors to Bull-Dog Electric Products Company, Detroit, Mich. Electric control panelboard. 161,964, Feb. 13.
Robins, Seymour, New York, N. Y. Three-dimensional decorative greeting card. 164,321, Aug. 21.
Robins, Seymour, New York, N. Y. Three-dimensional decorative greeting card. 164,322, Aug. 21.
Robins, Seymour, New York, N. Y. Three-dimensional decorative greeting card. 164,323, Aug. 21.
Robins, Seymour, New York, N. Y. Three-dimensional decorative greeting card. 164,324, Aug. 21.
Robins, Seymour, New York, N. Y. Three-dimensional decorative greeting card. 164,325, Aug. 21.
Robins, Seymour, New York, N. Y. Three-dimensional decorative greeting card. 164,326, Aug. 21.
Robins, Seymour, New York, N. Y. Three-dimensional decorative greeting card. 164,604, Sept. 18.
Robins, Seymour, New York, N. Y. Three-dimensional decorative greeting card. 164,820, Oct. 9.
Robinson, Joseph J., Jr., assignor to Marsh Wall Products, Inc., Dover, Ohio. Swinging panel display. 162,084, Feb. 20.
Robinson, Stanley, Fresno, Calif. Grape stem cutter. 163,769, June 26.
Robinson, Victor I.: *See*—
Goldberger, Gerald N., and Robinson.
Rock-Et Tool Company, The, assignee: *See*—
Wilson, Edward F.
Rockwell-Barnes Company, assignee: *See*—
Jones, Charles E.
Rodbell, Morton M., New York, N. Y. Combined memorandum sheet and calendar holder. 165,022, Oct. 30.
Rodbell, Morton M., New York, N. Y. Combined holder for index pad and memorandum sheets. 165,023, Oct. 30.
Rodbell, Morton M., New York, N. Y. Combined holder for pad and memorandum sheets. 165,024, Oct. 30.
Rodbell, Morton M., New York, N. Y. Combined holder for pad and memorandum sheets. 165,025, Oct. 30.
Roden, Lester A., Brooklyn, N. Y. Goblet. 163,326, May 15.
Rodgers-Bannister, Horace V., London, England, assignor to Modern Telephones Corporation, New York, N. Y. Transducer housing. 162,882, Apr. 10.
Roditi-Melli, Yvonne, assignor to Coro, Inc., New York, N. Y. Earring or the like. 161,872, Feb. 6.
Rodriguez, Emil, assignor to Jacoby-Bender, Inc., New York, N. Y. Expansible link chain for a bracelet or the like. 163,418, May 22.
Rodriguez, Emil, assignor to Jacoby-Bender, Inc., New York, N. Y. Expansible link chain for a bracelet or the like. 163,419, May 22.
Rodriguez, Emil, assignor to Jacoby-Bender, Inc., New York, N. Y. Expansible link chain for a bracelet or the like. 164,133, July 31.
Rodriguez, Emil, assignor to Jacoby-Bender, Inc., New York, N. Y. Expansible link chain for a bracelet or the like. 164,514, Sept. 11.
Rodriguez, Emil, assignor to Jacoby-Bender, Inc., New York, N. Y. Expansible link chain for a bracelet or the like. 164,821, Oct. 9.
Rodriguez, Emil, assignor to Jacoby-Bender, Inc., New York, N. Y. Expansible link chain for a bracelet or the like. 165,026, Oct. 30.
Rodriguez, Emil, assignor to Jacoby-Bender, Inc., New York, N. Y. Expansible link chain for a bracelet or the like. 165,551, Dec. 25.
Roe, Loyal K.: *See*—
Erickson, Fred E., and Roe.
Roe, William C., assignor to The Colson Corporation, Elyria, Ohio. Velocipede step. 163,770, June 26.
Roeder, Walter G., Scarsdale, N. Y., assignor to The Coca-Cola Company, Wilmington, Del. Stand. 162,990, Apr. 17.
Roehrich, Paul E., Rockville Centre, assignor to Richford Corporation, New York, N. Y. Perfume bottle or the like. 164,327, Aug. 21.
Roehrich, Paul E., Rockville Centre, assignor to Richford Corporation, New York, N. Y. Perfume bottle or the like. 164,449, Sept. 4
Roffy, Joseph T., Huntington Park, Calif. Fan blade. 165,246, Nov. 20.
Rogant, Humbert R., Willoughby, Ohio. Line holder. 164,134, July 31.
Rogers, Annie B., Palestine, Tex. Telephone book monocle. 164,135, July 31.
Rogers, Bruce A., and J. W. Doblin, New York, N. Y. Holder for glasses. 165,303, Nov. 27.
Rogers, Charles R., Washington, D. C. Child's nonspill cup. 162,085, Feb. 20.
Rogers, Joe T., Tulsa, Okla. Decorative fence for Christmas trees. 163,966, July 17.
Rogers, Lunt & Bowlen Company, assignee: *See*—
Bowlen, Nord.
Rollo, Peter J., Matawan, N. J. Refreshment stand. 162,883, Apr. 10.
Romak, Albert, assignor of one-fourth to I. I. Silverman, Chicago, Ill. Tool for correcting wheel caster and camber. 161,711, Jan. 23.
Romanchek, Theodore, Los Angeles, Calif. Card game playing device or similar article. 164,605, Sept. 18.
Romanelli, Carl, Los Angeles, Calif. Figurine. 163,771, June 26.
Romanelli, Louis, Chicago, Ill., assignor to Certain-teed Products Corporation, Ardmore, Pa. Acoustical tile. 163,139, May 1.
Romano, Lawrence P., Los Angeles, Calif. Swimming device. 161,536, Jan. 2.
Ronci, Fernando M., Providence, R. I. Shoe. 164,136, July 31.
Rones, David D., New York, N. Y. Envelope. 161,965, Feb. 13.
Roney, Raymond B., Arcadia, Calif. Ozone-lamp fixture. 162,345, Mar. 6.
Ronning, Adolph, Minneapolis, Minn. Automobile. 162,884, Apr. 10.

Ronning, Jacob A., Minneapolis, Minn. Transmission housing for a self-powered tractor unit. 161,537, Jan. 2.
Ronson Art Metal Works, Inc., assignee: *See*—
Flamm, Alexander L.
Kaupmann, Frederick.
Roop, Nathan W., assignor to Columbus Plastic Products, Inc., Columbus, Ohio. Wall-mounted clothes-drying rack or similar article. 161,594, Jan. 9.
Roop, Nathan W., Columbus, Ohio, assignor to The Charles E. Hires Company, Philadelphia, Pa. Drinking mug. 161,712, Jan. 23.
Roop, Nathan W., assignor to Columbus Plastic Products Inc., Columbus, Ohio. Canister. 162,579, Mar. 20.
Roop, Nathan W., assignor to Columbus Plastic Products, Inc., Columbus, Ohio. Wall-mounted spice rack or similar article. 163,637, June 12.
Roop, Nathan W., assignor to Columbus Plastic Products, Inc., Columbus, Ohio. Ice cube storing and dispensing receptacle or similar article. 164,328, Aug. 21.
Roop, Nathan W., Columbus, Ohio. Bread box or similar article. 164,329, Aug. 21.
Roop, Nathan W., assignor to Columbus Plastic Products, Inc., Columbus, Ohio. Knife-supporting rack or similar article. 165,027, Oct. 30.
Roop, Nathan W., assignor to Columbus Plastic Products, Inc., Columbus, Ohio. Pitcher or similar article. 165,344, Dec. 4.
Roos, Leonard H., and W. T. Crespinel, assignors to Kinevox, Incorporated, Burbank, Calif. Synchronous magnetic recorder or the like. 162,991, Apr. 17.
Root, John J., New York, N. Y. Electrical transformer. 162,689, Mar. 27.
Roper, Geo. D., Corporation, assignee: *See*—
Stuman, Jack B.
Rosche, Richard W., Akron, Ohio. Condiment shaker. 161,651, Jan. 16.
Rose, Carl, Miami, Fla. Combined tree holder and coin receptacle. 164,386, Aug. 28.
Rose, Henry, New York, N. Y. Fabric. 163,820, July 3.
Rose, William C., Jefferson City, Mo. Golf club cart. 163,327, May 15.
Rosedale Associated Manufacturers Limited, assignee: *See*—
Hollis, Norman.
Rosedale, Max, New York, N. Y., assignor to E. I. du Pont de Nemours and Company, Wilmington, Del. Comb or similar article. 162,346, Mar. 6.
Rosenbaum, Milton, New York, N. Y. Embroidered narrow woven fabric trimming or similar article. 163,821, July 3.
Rosenberg, Sol J., Whitefish Bay, assignor to Junior House, Inc., Milwaukee, Wis. Unitary outer skirt and girdle. 161,652, Jan. 16.
Rosenberg, Theodore, New Rochelle, and H. T. Silverman, Forest Hills, N. Y. Handbag. 165,483, Dec. 18.
Rosenbloom, Milton, Newark, N. J. Child's snowsuit or similar article. 164,515, Sept. 11.
Rosenfeld, George P., and A. P. Chase, assignors to Beverly Vogue Company, Los Angeles, Calif. Girdle or similar article. 164,330, Aug. 21.
Rosenfield, Charlotte: *See*—
Levy, Lillian, and Rosenfield.
Rosengard, Charles L., Hartford, Conn. Gum massager. 161,873, Feb. 6.
Rosenkranz, Frederick W. and H. M., Westwood, N. J. Miniature illuminable church. 164,450, Sept. 4.
Rosenkranz, Helen M.: *See*—
Rosenkranz, Frederick W. and H. M.
Rosenthal, Fred S., Chicago, Ill. Spray nozzle. 162,690, Mar. 27.
Rosenthal, William, Bayville, N. Y., assignor to Maiden Form Brassiere Company, Inc. Brassière. 162,691, Mar. 27.
Rosenthal, William, Bayville, N. Y., assignor to Maiden Form Brassiere Company, Inc. Brassière. 162,692, Mar. 27.
Roskin, Israel, New York, N. Y. Gem setting or similar article. 163,420, May 22.
Ross, Alexander, New York, N. Y. Display stand. 161,538, Jan. 2.
Ross, Walter W., and Company, Inc., assignee: *See*—
Manchester, Edward C.
Rosset, Harry, Chicago, Ill., assignor to Harbil Manufacturing Co., Inc. Cover for paint cans. 163,967, July 17.
Rosten, Jay, Brooklyn, N. Y. Perforated strip. 163,638, June 12.
Roth, Harold, New York, N. Y. Brassière slip. 162,086, Feb. 20.
Roth, Harold, New York, N. Y. Strapless brassière slip. 163,822, July 3.
Roth, Irving, New York, N. Y. Dress. 164,878, Oct. 16.
Roth, Irving, New York, N. Y. Dress. 164,879, Oct. 16.
Roth, Irving, New York, N. Y. Dress. 164,880, Oct. 16.
Roth, Irving, Jackson Heights, N. Y., and M. F. Bower, Riverside, Conn. Combination mirror and lipstick case. 163,140, May 1.
Roth, Karl M., Modesto, Calif. Barbecue unit. 164,881, Oct. 16.
Roth, Stanley, New York, N. Y. Combined stocking display case and sales counter. 162,472, Mar. 13.
Rothchild, Aaron, Flushing, N. Y. Hat or similar article. 162,580, Mar. 20.
Rothchild, Aaron, Flushing, N. Y. Combined apparel belt and writing implement. 163,823, July 3.
Rothchild, Aaron, Flushing, and H. B. Orloff, Yonkers, N. Y. Combined belt, purse, and pen. 165,112, Nov. 6.
Rothman, Gerald S., New York, N. Y. Automobile license plate holder. 163,328, May 15.
Rothman, Gerald S., New York, N. Y. Automobile license plate holder. 163,421, May 22.
Rotkel, Lilly K., New York, N. Y. Handbag. 165,552, Dec. 25.
Rowland, Jasper M., Larchmont, N. Y. Bed. 164,200, Aug. 7.
Roy, William F., assignor to Tru-Lite Corporation, Danbury, Conn. Casing for exit light. 164,201, Aug. 7.
Royal China Inc., assignee: *See*—
Miller, Beatrice L., and Parker.
Royal Lace Paper Works, Inc., assignee: *See*—
Karfiol, Edward.
Royal Robes, Inc., assignee: *See*—
Lewis, Jac.
Rubber Corporation of California, The, assignee: *See*—
Schrage, Henry N.
Rubel, Edmund, New York, N. Y. Combined candleholder and planter or similar article. 164,064, July 24.
Ruberoid Co., The, assignee: *See*—
Abraham, Herbert.
Papesh, Michael W.
Rubico, Jerome A.: *See*—
Owen, George, Jr., and Rubico.
Rubin, Alexander N., assignee: *See*—
Biehl, Charles B.
Rubin, Billi, New York, N. Y. Dress. 165,113, Nov. 6.
Rubin, Herman: *See*—
Rubin, Samuel, H., and P.
Rubin, Paul: *See*—
Rubin, Samuel, H., and P.
Rubin, Samuel, H., and P., Springfield, Mass. Confection. 161,595, Jan. 9.
Rubinoff, Mark, New York, N. Y. Scoreboard. 161,874, Feb. 6.
Rubinstein, Helena, Inc., assignee: *See*—
Medgyes, Ladislas.
Rudd, George, assignor to The Walker China Company, Bedford, Ohio. Plate or similar article. 164,451, Sept. 4.
Rudd, George, assignor to The Walker China Company, Bedford, Ohio. Plate or similar article. 165,193, Nov. 13.
Rudelt, Albert, assignor of one-third to Minisac Mills, Inc., one-third to S. & R. Textile Co., Inc., Philadelphia, and one-third to Robert Hosiery Mills, Trappe, Pa. Stocking. 162,087, Feb. 20.
Ruebel, Joseph B.: *See*—
Reinhart, John B., Jr., and Ruebel.
Ruger, William B., Westport, assignor to Sturm, Ruger & Co., Inc., Southport, Conn. Pistol. 164,735, Oct. 2.
Rumpel, Myrle J., Hayward, Calif. Hand sewing guide. 163,639, June 12.
Runkle, James T., and P. F. Gassien, Phoenix, Ariz. Combination tool. 163,422, May 22.
Runyon, Robert C., Springfield, N. J. Combined soap holder and brush. 162,753, Apr. 3.
Rushmore, Walter C., Denver, Colo. Figurine. 162,473, Mar. 13.
Ruskin, Henry, New York, N. Y. Stapler or similar article. 164,265, Aug. 14.
Ruskin, Henry, New York, N. Y. Box or similar article. 164,516, Sept. 11.
Russ, John A., Massillon, Ohio. Combined food receptacle and chopping board. 161,596, Jan. 9.
Russell, Alfred R., St. Clair Shores, Mich. Automobile hood ornament 161,539, Jan. 2.
Russell, Alfred R., St. Clair Shores, Mich. Automobile hood ornament. 162,227, Feb. 27.
Russell, Irving H., Oak Park, assignor to Sloan Valve Company, Chicago, Ill. Shower head. 164,822, Oct. 9.
Russell, Linus E., assignor to Peters & Russell, Inc., Springfield, Ohio. Automobile dash tray. 162,228, Feb. 27.
Russell, Linus E., assignor to Peters & Russell, Inc., Springfield, Ohio. Hood ventilator. 162,885, Apr. 10.
Russell, Linus E., assignor to Peters & Russell, Inc., Springfield, Ohio. Air pump. 163,329, May 15.
Russell, Linus E., assignor to Peters & Russell, Inc., Springfield, Ohio. Air pump. 163,330, May 15.
Russell, Linus E., assignor to Peters & Russell, Inc., Springfield, Ohio. Automobile exhaust pipe extension. 164,202, Aug. 7.
Russell, Linus E., assignor to Peters & Russell, Inc., Springfield, Ohio. Automobile exhaust pipe extension. 164,960, Oct. 23.
Russfield, Lewis L., Boston, Mass. Golf jacket. 161,540, Jan. 2.
Russo, Mario, New Rochelle, N. Y. Television lamp or similar article. 164,823, Oct. 9.
Rutledge, Harry E., Pittsburgh, Pa. Floodlight. 164,065, July 24.
Rutzebeck, John D.: *See*—
Price, Julious A., and Rutzebeck.
S. & R. Textile Co., Inc., assignee: *See*—
Rudelt, Albert.
Saacke, G. Rudolph, Brooklyn, assignor to T. Heilig, Long Beach, N. Y. Spray head for aerosol dispensers. 162,886, Apr. 10.
Sabbagh, John W.: *See*—
Voelker, Jane E., E. M., and Sabbagh.

Sabel, Edward R., and C. R. Mayo, assignors to The Haloid Company, Rochester, N. Y. Xerographic copying device. 163,640, June 12.
Sachs, Charles M., West Newton, assignor to Formaid Co., Boston, Mass. Brassière. 164,387, Aug. 28.
Sacks, Eli, Hollywood, Calif. Bristle holder for brooms. 161,653, Jan. 16.
Sacks, Irving J., Brooklyn, N. Y., assignor to Remington Products Corporation, Elizabeth, N. J. Combined vaporizer casing and mounting bracket. 165,028, Oct. 30.
Sado, Harry, New York, N. Y. Electric broiler. 162,887, Apr. 10.
Saffir, Max M., New York, N. Y. Strapless brassière slip. 163,968, July 17.
St. Clair, Theodore A., South Euclid, assignor to The Weatherhead Company, Cleveland, Ohio. Changeover pressure regulator or similar article. 164,824, Oct. 9.
St. Clair, Theodore A., South Euclid, Ohio. Fluid pressure gauge or similar article. 165,117, Nov. 6.
St. Louis, Rudolph A., Boston, Mass. Play swing or similar article. 162,693, Mar. 27.
St. Pierre, Henry, Worcester, Mass. Cross chain for tire chains. 162,489, Mar. 13.
Salers, Inc., assignee: *See*—
Snyder, George S.
Salfisberg, Leroy L., deceased, South Orange, N. J.; H. G. Kopald and L. I. Volckening, executors of said L. L. Salfisberg, assignors to Ivers-Lee Company, Newark, N. J. Cross crimp-sealed package. 162,694, Mar. 27.
Salisbury, Frank M., Kenmore, assignor to Frontier Aircraft Corporation, Buffalo, N. Y. Airplane. 162,229, Feb. 27.
Sand, John F.: *See*—
Prestinari, Eugen, and Sand.
Sand, John F., Newark, assignor to Gemex Company, Union, N. J. Expansible chain for a watch bracelet or the like. 161,875, Feb. 6.
Sand, John F., Newark, assignor to Gemex Company, Union, N. J. Expansible chain. 163,141, May 1.
Sand, John F., Newark, assignor to Gemex Company, Union, N. J. Expansible chain. 163,142, May 1.
Sand, John F., Newark, assignor to Gemex Company, Union, N. J. Expansible chain. 163,143, May 1.
Sand, John F., Newark, assignor to Gemex Company, Union, N. J. Expansible chain. 163,144, May 1.
Sandberg, Harry O., Boston, Mass. Dressing tray or similar article. 162,888, Apr. 10.
Sanders, Charles W., Greenville, Mich., assignor to The Coolerator Company, Duluth, Minn. Refrigerator cabinet. 162,474, Mar. 13.
Sanders, Charles W., assignor to Gibson Refrigerator Company, Greenville, Mich. Handle for a refrigerator door latch. 165,484, Dec. 18.
Sanders, Edward H., San Francisco, Calif. Advertising device. 164,736, Oct. 2.
Sanderson, Frank, Kingman, Ariz. Card game accessory. 162,475, Mar. 13.
Sandin, Ray C., Oak Park, and T. M. Steinbach, Chicago, Ill., assignors to Hotpoint, Inc. Laundry machine. 161,876, Feb. 6.
Sandler, Jacob, Boston, Mass. Shoe. 164,517, Sept. 11.
Sandler, Jacob, Boston, Mass. Shoe. 164,518, Sept. 11.
Sandler, Jacob, Boston, Mass. Shoe. 164,519, Sept. 11.
Sandler, Jacob, New York, N. Y. Shoe. 162,992, Apr. 17.
Sandler, Quentin H., Miami Beach, Fla. Scarf. 161,877, Feb. 6.
Sandler, Quentin H., Miami Beach, Fla. Scarf. 161,878, Feb. 6.
Sandler, Quentin H., Miami Beach, Fla. Scarf. 163,331, May 15.
Sandler, Quentin H., Miami, assignor to Sherry Fashions, Inc., Miami Beach, Fla. Scarf. 163,772, June 26.
Sanford, James C., Dallas, Tex. Lawn edging machine. 163,486, May 29.
Sanson Hosiery Mills, Inc., assignee: *See*—
Bley, William G.
De Mond, William.
Sapphire Hosiery Corporation, assignee: *See*—
Schwarz, Ralph J.
Sappington, Thomas B., Port Arthur, Tex. Golf club head. 161,790, Jan. 30.
Sarna, Sajjan S., New York, N. Y. Bell. 164,737, Oct. 2.
Sarnes, Lowell F., Birmingham, assignor to George C. Knight Company, Oak Park, Mich. Rearview mirror or similar article for motor vehicles. 161,541, Jan. 2.
Sasser, Travis M., Terrace Park, assignor to Shipping Room Suppliers, Inc., Cincinnati, Ohio. Mirror handling truck. 162,230, Feb. 27.
Sasser, Travis M., Terrace Park, assignor to Shipping Room Suppliers, Inc., Cincinnati, Ohio. Electric stapling machine. 164,203, Aug. 7.
Satz, William, Los Angeles, Calif. Bottle closure or the like. 162,993, Apr. 17.
Sauer, Miriam G., assignor of fifty per cent to R. Z. Apple, Dallas, Tex. Christmas stocking. 161,879, Feb. 6.
Saunders, Carmen V.: *See*—
Saunders, Harold A. and C. V.
Saunders, Harold A. and C. V., assignors to Midstate Manufacturing Company, Denver, Colo. Live stock waterer. 162,476, Mar. 13.
Saunders, Paul B., Jr., Aurora, Ill. Toy vehicle. 162,231, Feb. 27.
Sauvage, Nestor: *See*—
Desguin, Henri, and Sauvage.
Savitz, Sol, Philadelphia, Pa. Stocking. 163,713, June 19.
Savoca, Carmelo, Astoria, N. Y. Memorial statuette. 165,485, Dec. 18.
Savron, Hortense, New York, N. Y. Child's apron in the form of a puppet. 162,994, Apr. 17.
Sawchuk, Michael C., Toronto, Ontario, Canada. Dispenser. 163,070, Apr. 24.
Saxion, Maxine N., Apollo, Pa. Slipper. 165,398, Dec. 11.
Saxon, John, Toledo, Ohio. Tie rack. 165,114, Nov. 6.
Scalera, Louis, Newark, N. J. Leather table top or similar article. 161,966, Feb. 13.
Scarry, Joseph T., Summit, N. J. Pitcher. 164,882, Oct. 16.
Schaef, Harold M., assignor to Victor Vending Corporation, Chicago, Ill. Housing for vending machine. 162,581, Mar. 20.
Schalamon, Arthur, Cleveland, Ohio. Lamp base. 163,714, June 19.
Scharfenberg, George T.: *See*—
Polivka, John N., Scharfenberg, and Butterfield.
Schenk, Lottie L., Milwaukee, Wis. Brassière. 164,137, July 31.
Schenley Industries, Inc., assignee: *See*—
Collins, John, and Bowman.
Du Pree, Ernest L.
Scherr, Samuel, and F. E. Smith, assignors to C. C. Hall, Akron, Ohio. Paper cup dispenser. 162,582, Mar. 20.
Scheuer, Samuel, Mount Vernon, N. Y. Woven ribbon hat. 162,088, Feb. 20.
Schieder, Karl, Nurnburg-W, Germany, and A. Farber, New York, N. Y. Table lighter. 165,345, Dec. 4.
Schier, Francis E., Oregon, Ill. Airplane. 164,066, July 24.
Schiffer, Samuel S., New York, N. Y. Rack. 164,452, Sept. 4.
Schiffer, Samuel S., New York, N. Y. Desk rack. 165,194, Nov. 13.
Schilling, Philip R., Benton Harbor, Mich. Combined high chair and ladder. 161,791, Jan. 30.
Schilling, Philip R., Benton Harbor, Mich. Combined high chair and ladder. 161,792, Jan. 30.
Schimanski, Frederick W., assignor to Triumph Manufacturing Company, Cincinnati, Ohio. Bench type mixer. 163,423, May 22.
Schisgall, Theodore, New York, N. Y., assignor to Gibraltar Manufacturing Co., Inc., Jersey City, N. J. Clockcase. 165,304, Nov. 27.
Schisgall, Theodore, New York, N. Y., assignor to Gibraltar Manufacturing Co., Inc., Jersey City, N. J. Clockcase. 165,305, Nov. 27.
Schladermundt, Peter, Bronxville, and W. H. Dennerlein, Whitestone, N. Y., assignors to Gillette Safety Razor Company, Boston, Mass. Safety razor set case. 165,346, Dec. 4.
Schlage, Ernest L., Burlingame, Calif., assignor to Schlage Lock Company. Escutcheon for door locks. 164,606, Sept. 18.
Schlage Lock Company, assignee: *See*—
Schlage, Ernest L.
Schlenker, Max E., Peru, Ill., assignor to General Time Corporation, New York, N. Y. Clock. 161,880, Feb. 6.
Schletter, Richard E., Cheltenham Township, Montgomery County, assignor to Signature Hosiery Company, North Wales, Pa. Lady's stocking. 162,232, Feb. 27.
Schletter, Richard E., Cheltenham Township, Montgomery County, assignor to Signature Hosiery Company, North Wales, Pa. Lady's stocking. 164,961, Oct. 23.
Schletter, Richard E., Cheltenham Township, Montgomery County, assignor to Signature Hosiery Company, North Wales, Pa. Lady's stocking. 165,347, Dec. 4.
Schletter, Richard E., Cheltenham Township, Montgomery County, assignor to Signature Hosiery Company, North Wales, Pa. Lady's stocking. 165,348, Dec. 4.
Schletter, Richard F., Cheltenham Township, Montgomery County, assignor to Signature Hosiery Company, North Wales, Pa. Stocking. 165,486, Dec. 18.
Schletter, Richard E., Cheltenham Township, Montgomery County, assignor to Signature Hosiery Company, North Wales, Pa. Stocking. 165,487, Dec. 18.
Schliom, Oscar, Montreal, Quebec, Canada. Radio receiver cabinet. 164,331, Aug. 21.
Schlumbohm, Peter, New York, N. Y. Automobile. 165,195, Nov. 13.
Schmid, Byron C., Washington, D. C. Racket for table tennis. 164,883, Oct. 16
Schmid, Ivan P., Columbus, Nebr. Point for a corn picker gathering shoe. 163,773, June 26.
Schmidli, Eugene C., Minneapolis, Minn. Child's swing. 162,889, Apr. 10.
Schmidt, C., & Sons, Inc., assignee: *See*—
Artmann, Maylock.
Schmidt, Edward H., Baltimore, Md. Gameboard. 162,089, Feb. 20.
Schmidt, Frank M., Davenport, Iowa. Lamp stand. 162,233, Feb. 27.
Schmidt, William C., Hamilton County, assignor to The Cincinnati Butchers' Supply Company, Cincinnati, Ohio. Cutting machine for meat or the like. 163,542, June 5.
Schmitman, Albert S., Cleveland, and M. Schmitman, Cleveland Heights, Ohio. Magnetic knife and tool holder. 162,583, Mar. 20.
Schmitman, Marvin: *See*—
Schmitman, Albert S. and M.

Schmitzer, Bernard L.: *See*—
Oakler, Paul P., and Schmitzer.
Schnee, Alfred G., assignee: *See*—
Cook, Harold T.
Schneerer, William F.: *See*—
Stava, Robert J., and Schneerer.
Schnitzer, Louis M., Brooklyn, N. Y., assignor to Everlast Metal Products Corp. Water pitcher. 163,826, July 3.
Schoenbrod, Leslie K., Chicago, Ill. Fluorescent lighting fixture with translucent louver. 163,969, July 17.
Schoenfeld, Joseph, Corte Madera, Calif. Pot drainer. 161,542, Jan. 2.
Schoepe, Adolf, Anaheim, Calif. Lock display stand. 161,543, Jan. 2.
Schonrock, Edwin A., San Angelo, Tex. Dump body tail gate unit. 163,715, June 19.
Schoor, Samuel, assignor, by mesne assignments, to Copper Clad Products, Inc., Newark, N. J. Rack or similar article. 165,553, Dec. 25.
Schrage, Henry N., Los Angeles, assignor to The Rubber Corporation of California, Garden Grove, Calif. Shoe sole. 163,071, Apr. 24.
Schreckengost, Viktor, Cleveland Heights, assignor to The Murray-Ohio Manufacturing Company, Cleveland, Ohio. Baby walker. 163,827, July 3.
Schreckengost, Viktor, Cleveland Heights, assignor to The Murray-Ohio Manufacturing Company, Cleveland, Ohio. Baby walker. 163,828, July 3.
Schreckengost, Viktor, East Cleveland, assignor to Harris-Seybold Company, Cleveland, Ohio. Printing press. 162,347, Mar. 6.
Schroeder, William, Bergenfield, N. J. Paint can holder. 161,597, Jan. 9.
Schukat, Adolph, Chicago, Ill. Combined sewing machine cabinet and chair therefor. 165,554, Dec. 25.
Schultz, Anne, Brooklyn, N. Y. Cabinet for toilet articles or similar article. 164,333, Aug. 21.
Schultz, Clarence B., Texarkana, Ark. Electrical appliance for defrosting refrigerators. 163,829, July 3.
Schultz, L. H., Manufacturing Company, assignee: *See*—
Hamaker, Russell A.
Schultz, Orville, Buffalo, N. Y. Portable hoist. 164,138, July 31.
Schumacher, Warner, assignor to The Vendo Company, Kansas City, Mo. Bottled drink cooler. 164,962, Oct. 23.
Schustack, Edward H., Los Angeles, Calif. T fitting. 163,487, May 29.
Schwartz, Alfred J. C., Evanston, Ill. Pot and pan scraper. 163,774, June 26.
Schwartz, Meyer, assignor to La Salle Novelty Company, Chicago, Ill. Clockcase. 162,234, Feb. 27.
Schwartz, Shepard B., and R. D. Blum, Jr., assignors to May Hosiery Mills, Nashville, Tenn. Sock or similar article. 162,477, Mar. 13.
Schwartz, Shepard B., and R. D. Blum, Jr., assignors to May Hosiery Mills, Nashville, Tenn. Sock or similar article. 162,478, Mar. 13.
Schwartz, Shepard B., and R. D. Blum, Jr., assignors to May Hosiery Mills, Nashville, Tenn. Sock or similar article. 162,479, Mar. 13.
Schwartz, Shepard B., and R. D. Blum, Jr., assignors to May Hosiery Mills, Nashville, Tenn. Sock or similar article. 162,584, Mar. 20.
Schwartz, Shepard B., and R. D. Blum, Jr., assignors to May Hosiery Mills, Nashville, Tenn. Sock or similar article. 162,585, Mar. 20.
Schwartz, Shepard B., and R. D. Blum, Jr., assignors to May Hosiery Mills, Nashville, Tenn. Sock or similar article. 162,995, Apr. 17.
Schwartz, Sidney, assignor to Bantam-Lite, Inc., New York, N. Y. Flashlight or similar article. 163,488, May 29.
Schwartz, Sidney, assignor to Bantam-Lite, Inc., New York, N. Y. Combined key chain and flashlight. 164,963, Oct. 23.
Schwartzman, Daniel B., Englewood, N. J. Apron or similar article. 162,235, Feb. 27.
Schwartzman, Daniel B., Englewood, N. J. Apron or similar article. 163,543, June 5.
Schwartzman, Daniel B., Englewood, N. J. Apron or similar article. 163,641, June 12.
Schwarz, Eugene, Alexandria, Ind. Wall lamp. 162,890, Apr. 10.
Schwarz, Ralph J., assignor to Sapphire Hosiery Corporation, New York, N. Y. Stocking. 162,090, Feb. 20.
Schweitzer, E. O., Manufacturing Co., Inc., assignee: *See*—
Schweitzer, Edmund O., Jr.
Schweitzer, Edmund O., Jr., assignor to E. O. Schweitzer Manfacturing Co., Inc., Northbrook, Ill. Hook-on instrument for measuring a variable characteristic in an electric power conductor. 163,830, July 3.
Schwing, Allan H., West Henrietta, N. Y. Intercommunication station. 162,754, Apr. 3.
Schwinn, Frank W., Chicago, Ill. Cycle frame. 164,388, Aug. 28.
Scott, David E., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Automobile grille bar. 162,236, Feb. 27.
Scott, David E., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Lens housing for automobiles. 163,775, June 26.
Scott, David E., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Automobile lamp lens housing. 163,825, July 3.
Scott, George Q., Shawnee, Okla. Condiment dispenser. 163,072, Apr. 24.
Scott, Lester C., Green Brook Township, Somerset County, N. J. Jar cap remover. 163,145, May 1.
Scovill, John M., Seattle, Wash. Door hinge. 161,650, Jan. 16.
Scovill, John M., Seattle, Wash. Door hinge. 161,654, Jan. 16.
Scully, Frank P., Belmont, assignor to Scully Signal Company, Cambridge, Mass. Housing for gauge and audible signaling device. 164,453, Sept. 4.
Scully Signal Company, assignee: *See*—
Scully, Frank P.
Scusa, Lino: *See*—
Dodd, Charles E., and Scusa.
Sealy, Incorporated, assignee: *See*—
Fouts, Harry B.
Sears, Roebuck and Co., assignee: *See*—
Couzens, Joseph J.
Hitchcock, Richard E.
Se Bastian, Ford, assignor to Chicago Electric Manufacturing Company, Chicago, Ill. Fan. 161,967, Feb. 13.
Se Bastian, Ford, assignor to Chicago Electric Manufacturing Company, Chicago, Ill. Window ventilator. 164,139, July 31.
Sebel, Harry, London, England. Bicycle. 163,227, May 8.
Sebel, Harry, London, England. Child's pedal vehicle. 164,067, July 24.
Sebel, Harry, London, England. Riding toy. 164,454, Sept. 4.
Sebel, Harry, Finchley, London, England. Toy simulating a canoe with paddlers. 164,884, Oct. 16.
Sebel, Harry, London, England. Toy automobile. 165,488, Dec. 18.
Secrist, Lee, Euclid, assignor to Phil-Mar Corporation, Cleveland, Ohio. Lamp base. 162,586, Mar. 20.
Secrist, Lee, Euclid, assignor to Phil-Mar Corporation, Cleveland, Ohio. Table lamp. 162,587, Mar. 20.
Secrist, Lee, Euclid, assignor to Phil-Mar Corporation, Cleveland, Ohio. Wall lamp base. 164,520, Sept. 11.
Seeger Refrigerator Company, assignee: *See*—
Ferar, Montgomery.
Seeman, James, Forest Hills, N. Y. Wallpaper or the like. 162,237, Feb. 27.
Seeman, James, Forest Hills, N. Y. Wallpaper or the like. 162,238, Feb. 27.
Seeman, James, Forest Hills, N. Y. Wallpaper or the like. 162,239, Feb. 27.
Seeman, James, Forest Hills, N. Y. Wallpaper or the like. 162,240, Feb. 27.
Seeman, James, Forest Hills, N. Y. Wallpaper or the like. 162,480, Mar. 13.
Seeman, James, Forest Hills, N. Y. Wallpaper or the like. 162,755, Apr. 3.
Seeman, James, Forest Hills, N. Y. Wall paper or the like. 163,146, May 1.
Seeman, James, Forest Hills, N. Y. Wallpaper or the like. 163,332, May 15.
Seeman, James, New York, N. Y. Wallpaper. 162,481, Mar. 13.
Seeman, James, New York, N. Y. Wallpaper. 162,482, Mar. 13.
Seeman, James, New York, N. Y. Wallpaper. 162,483, Mar. 13.
Seeman, James, New York, N. Y. Wallpaper. 162,484, Mar. 13.
Segula, Robert J., assignee: *See*—
Kelly, John C.
Seidl, Leo: *See*—
Langer, William, and Seidl.
Sellon, Raymond N., Jr., assignor to Gender Paeschke & Frey Co., Milwaukee, Wis. Electrically heated Dutch oven. 161,793, Jan. 30.
Selzer, James R., Fort Wayne, Ind., assignor to International Harvester Company. Motor vehicle. 163,544, June 5.
Semelroth, Wendell H.: *See*—
Porrett, Robert C., and Semelroth.
Semeneck, Adolph J., Oak Lawn, assignor to W. Y. Chatterton, River Forest, Ill. Portable paper micrometer. 163,776, June 26.
Semeneck, Adolph J., Oak Lawn, assignor to W. Y. Chatterton, River Forest, Ill. Portable paper micrometer. 163,777, June 26.
Senderowitz, Robert B., Allentown, Pa. Slip with pocket. 162,241, Feb. 27.
Senderowitz, Robert B., Allentown, Pa. Container for slips or the like. 162,348, Mar. 6.
Seneca Glass Company, assignee: *See*—
Kammerer, Harry G.
Sensenich, Earl W., Irwin, assignor to Irwin Foundry and Mine Car Company, North Huntington Township, Pa. Transfer car. 162,242, Feb. 27.
Serocki, Joseph S., New York, N. Y. Oyster opener. 163,642, June 12.
Serra, Javier, assignor to Les Parfums De Dana, Inc., New York, N. Y. Bottle. 164,964, Oct. 23.
Sertoma International, assignee: *See*—
Murray, Richard C.

Sessions Clock Company, The, assignee: *See*—
Sessions, William K.
Sessions, William K., Bristol, assignor to The Sessions Clock Company, Forestville, Conn. Clockcase or similar article. 161,713, Jan. 23.
Sewell Products Inc., assignee: *See*—
Sewell, William B.
Sewell, William B., assignor to Sewell Products Inc., Los Angeles, Calif. Frame for a rotatable condiment rack. 164,965, Oct. 23.
Seyfarth, Frederick E., Evanston, Ill., assignor to Fisher-Price Toys, Inc., East Aurora, N. Y. Animated animal figure sounding trundle toy. 163,489, May 29.
Seyfarth, Frederick E., Evanston, Ill., assignor to Fisher-Price Toys, Inc., East Aurora, N. Y. Trundle toy insect with rotatable wings. 163,551, June 5.
Shaeffer, Norbert, Los Angeles, Calif., assignor, by mesne assignments, to Cutter Corporation. Hair-cutting comb. 165,306, Nov. 27.
Shafer, Arthur C., Cincinnati, Ohio. Combined fishing rod and reel. 165,555, Dec. 25.
Shapiro, Charles B., assignor to Universal Woodcrafters, Inc., La Porte, Ind. Table with rotating top. 161,714, Jan. 23.
Shapiro, Joseph, assignor to Universal Match Corporation, St. Louis, Mo. Match book display stand. 161,794, Jan. 30.
Shapiro, Joseph, assignor to Universal Match Corporation, St. Louis, Mo. Match book display stand. 161,795, Jan. 30.
Shapiro, Joseph, assignor to Universal Match Corporation, St. Louis, Mo. Match book display stand. 161,796, Jan. 30.
Shapiro, Joseph, St. Louis, Mo. Match book display stand. 162,349, Mar. 6.
Shapiro, Samuel: *See*—
Mueller, Max B., and Shapiro.
Sharp, Robert A., Milwaukee, Wis. Portable steam boiler. 165,307, Nov. 27.
Shartle, Ralph W.: *See*—
Milster, Arthur N., and Shartle.
Shatkin, Rubin, Long Branch, assignor to Crest Silver Mfg. Co. Inc., Matawan, N. J. Coaster or the like. 163,073, Apr. 24.
Shaw, Evan K.: *See*—
Allen, Robert Y., and M. and E. K. Shaw.
Shaw, Gerald J., assignor to Propulsion Engine Corporation, Kansas City, Kans. Base for power mowers. 163,643, June 12.
Shaw, Melvin: *See*—
Allen, Robert Y., and M. and E. K. Shaw.
Shaw-Walker Company, The, assignee: *See*—
Burdick, John S.
Sheard, Edward O., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Automobile radiator grille. 161,544, Jan. 2.
Shedd, Charles L., Girardville, Pa. Card shuffling aid. 165,556, Dec. 25.
Sheets, Paul A., Santa Monica, Calif. Knockdown hanging shelf. 161,598, Jan. 9.
Sheker, James W., Fort Dodge, Iowa. Carrier for vacuum cleaner attachments. 162,485, Mar. 13.
Shell, Lester, Hopkins, Mo. Grass divider. 165,247, Nov. 20.
Shelley, Jesse J.: *See*—
Greenberg, Hymen, and Shelley.
Shelley Steel Corporation, assignee: *See*—
Greenberg, Hymen, and Shelley.
Shelton, Claude, Reading, Pa. Stocking. 163,228, May 8.
Shepard, Ernest L., Farifield, Maine. Support for fragile articles. 163,970, July 17.
Shepard, Stanley J., Laguna Beach, Calif. Combined jar and cover or similar article. 165,489, Dec. 18.
Sherman, Jacquelin C.: *See*—
Wade, Catherine C., and Sherman.
Sherneth Corporation, assignee: *See*—
Adlerberg, Vasili.
Sherrod, Tom W., and N. J. G. Edwards, Jackson, Miss. Toothbrush. 165,248, Nov. 20.
Sherry Fashions, Inc., assignee: *See*—
Sandler, Quentin H.
Shinn, Ivy L., Dallas, Tex. Toy bird figure. 161,545, Jan. 2.
Shipley, Margaret E., Pittsburgh, Pa. Combined candle and flower holder. 163,333, May 15.
Shipping Room Suppliers, Inc., assignee: *See*—
Sasser, Travis M.
Shive, Ray O., Belleville, assignor to Sterling Steel Casting Company, Monsanto, Ill. Mine car wheel. 163,644, June 12.
Shnitzler, Meyer J., Brookline, and M. D. Benedict, Jr., Lynn, Mass. Blade-dispensing magazine. 164,332, Aug. 21.
Shock, Horace E., Lima, Ohio. Outdoor theater loudspeaker unit. 161,545, Jan. 2.
Shoffner, Willie M., Dayton, Ohio. Metal-cutting shears. 162,891, Apr. 10.
Shoffner, Willie M., Dayton, Ohio. Fowl bleeder. 163,831, July 3.
Sholkin, Joseph L., Newton, assignor to Beacon Products Corporation, Boston, Mass. Package of coasters. 165,308, Nov. 27.
Shores, Lonnie L., Los Angeles, Calif. Belt buckle. 163,334, May 15.
Shor's Catering Corporation, assignee: *See*—
Wrablica, Paul, Jr.
Shriner, William L., Oklahoma City, Okla. Deck of playing cards. 162,756, Apr. 3.
Shuler, Clyde, Media, and C. J. Godfrey, assignors, by mesne assignments, to Sterlingworth Company, Philadelphia, Pa. Battery charger. 163,645, June 12.
Shuron Optical Company, Inc., assignee: *See*—
McCarthy, James F.
Sibley, Thomas A., Jr.: *See*—
Butler, Henry N., and Sibley.
Siegal, Norman A., Chicago, Ill. Spectacle front. 161,599, Jan. 9.
Siegel, A. L., Co., Inc., assignee: *See*—
Oakes, Harry.
Siegel, Harold R., and M. Paull, Rochester, N. Y. Advertising display device for attachment to parking meters. 161,715, Jan. 23.
Siegel, Joseph, New York, N. Y. Lady's stocking or similar article. 165,399, Dec. 11.
Sigel, Saul, Manchester, N. H., assignor to M. K. M. Hosiery Mills, Inc., Boston, Mass. Stocking. 162,350, Mar. 6.
Sigel, Saul, Manchester, N. H., assignor to M. K. M. Hosiery Mills, Inc., Boston, Mass. Stocking. 162,351, Mar. 6.
Sigel, Saul, Manchester, N. H., assignor to M. K. M. Hosiery Mills, Inc., Boston, Mass. Stocking. 162,352, Mar. 6.
Sigel, Saul, Manchester, N. H., assignor to M. K. M. Hosiery Mills, Inc., Boston, Mass. Stocking. 162,757, Apr. 3.
Sigel, Saul, Manchester, N. H., assignor to M. K. M. Hosiery Mills, Inc., Boston, Mass. Stocking. 163,335, May 15.
Sigel, Saul, Manchester, N. H., assignor to M. K. M. Hosiery Mills, Inc., Boston, Mass. Stocking. 163,646, June 12.
Sigel, Saul, Manchester, N. H., assignor to M. K. M. Hosiery Mills, Inc., Boston, Mass. Stocking. 164,825, Oct. 9.
Sigel, Saul, Manchester, N. H., assignor to M. K. M. Hosiery Mills, Inc., Boston, Mass. Stocking. 164,826, Oct. 9.
Sigler, Howard R.: *See*—
Laystrom, Carl A., and Sigler.
Signa-Craft Inc., assignor: *See*—
Stupell, Norman J.
Signature Hosiery Company, assignee: *See*—
Schletter, Richard E.
Silver, Cis, New York, N. Y. Garment hanger or similar article. 164,455, Sept. 4.
Silverman, Harry T.: *See*—
Rosenberg, Theodore, and Silverman.
Silverman, I. Irving, assignee: *See*—
Romak, Albert.
Simmons, Aldred J., Plymouth, Wis. Tree protector. 162,243, Feb. 27.
Simmons, Naomi V., Dallas, Tex. Infant's toy animal figure or similar article. 162,353, Mar. 6.
Simmons, Norman, New York, N. Y. Soap holder. 163,716, June 19.
Simms, Leo G., Glendale, Calif., assignor to Winkitty Products, Inc., Kansas City, Mo. Car washing gun or similar article. 162,588, Mar. 20.
Simon, Maurice, St. Louis, Mo. Plaque or similar article. 163,336, May 15.
Simpson, Paul F., assignor to The Autoyre Company, Oakville, Conn. Shelf bracket. 164,266, Aug. 14.
Simpson, William G., Phoenix, Ariz. Finger ring. 163,424, May 22.
Simpson, William G., Phoenix, Ariz. Finger ring. 163,425, May 22.
Sinay, Lenore D., Long Beach, Calif. Apron. 161,968, Feb. 13.
Sinel, Joseph C., San Francisco, Calif., assignor to Marchant Calculating Machine Company. Calculating machine. 165,557, Dec. 25.
Singer, Hyman, New York, N. Y. Slipper or similar article. 163,903, July 10.
Singer, Lawrence H., Brooklyn, and L. S. Utley, Forest Hills, assignors to Utility Plastics Inc., Brooklyn, N. Y. Plastic display case. 163,971, July 17.
Singer Manufacturing Company, The, assignee: *See*—
Barnhart, Adam B.
Knaus, Nicholaus.
Langille, Wilfred O., and Bruder.
Park, Malcolm S.
Sivertsen, Peter M., Greenwich, Conn. Slicing machine. 162,996, Apr. 17.
Skurnik, Samuel, Boston, Mass. Dress. 162,244, Feb. 27.
Slaner, Alfred P., Scarsdale, N. Y. Necktie. 163,972, July 17.
Sleeman, William C., Birmingham, and R. F. Karger, Mountain Brook, Ala., assignors to Pullman-Standard Car Manufacturing Company, Chicago, Ill. End plate for railway boxcars. 161,655, Jan. 16.
Sleeman, William C., Birmingham, and R. F. Karger, Mountain Brook, Ala., assignors to Pullman-Standard Car Manufacturing Company, Chicago, Ill. End wall panel for railway boxcars. 161,656, Jan. 16.
Sliwinski, Eugene T., Chicago, Ill., assignor, by mesne assignments, to C. J. Doyle, Houston, Tex. Gauge mechanism housing. 163,904, July 10.

Sloan, Jervis H., St. Louis, and M. H. Gilkerson, Chesterfield, Mo. Shoe. 165,115, Nov. 6.
Sloan, Jervis H., St. Louis, and M. H. Gilkerson, Chesterfield, Mo. Shoe. 165,116, Nov. 6.
Sloan Valve Company, assignee: *See*—
Russell, Irving H.
Smart, Irving O., Westbrook, Maine. Storage chest for shoes and shoe polishing materials. 162,091, Feb. 20.
Smith, Alfred P., Utica, N. Y. Hand sprayer. 163,147, May 1.
Smith, French E.: *See*—
Scherr, Samuel, and Smith.
Smith, George C., and C. A. Hemsing, assignors to Defiance Manufacturing Company, Inc., Los Angeles, Calif. Combined lamp housing and filter holder for ultraviolet lamps. 163,832, July 3.
Smith, Hubert R., Cameron, Mo. Artificial fishing lure. 163,973, July 17.
Smith, Isidore P., Maumee, assignor to The Hettrick Manufacturing Company, Toledo, Ohio. Awning. 164,738, Oct. 2.
Smith, Isidore P., Maumee, assignor to The Hettrick Manufacturing Company, Toledo, Ohio. Awning. 164,739, Oct. 2.
Smith, James M., Washington, D. C. Children's rocker. 162,245, Feb. 27.
Smith, James M., Washington, D. C. Children's rocker. 162,246, Feb. 27.
Smith, Kenneth F., assignor to Neon Products Inc., Lima, Ohio. Display sign. 161,797, Jan. 30.
Smith, Kenneth F., assignor to Neon Products, Inc., Lima, Ohio. Sign or similar article. 162,354, Mar. 6.
Smith, Kenneth F., assignor to Neon Products, Inc., Lima, Ohio. Sign or similar article. 162,355, Mar. 6.
Smith, L. C., & Corona Typewriters, Inc., assignee: *See*—
Clement, Theodore G.
Smith, Luther A., Birmingham, Ala., assignor to Southern Household Products Company, Inc. Chair. 164,204, Aug. 7.
Smith, Raymond L., Arlington, Va. Wall clock. 164,389, Aug. 28.
Smith, Richard, Tucson, Ariz. Razor blade sharpener. 162,356, Mar. 6.
Smith, Robert D., Glen Ellyn, Ill. Wall lamp. 164,521, Sept. 11.
Smith, Robert E., New Rochelle, assignor to Kagran Corporation, New York, N. Y. Doll display package. 165,490, Dec. 18.
Smith, Robert E., New Rochelle, N. Y., and M. Neil, Mountainview, N. J., said Neil assignor to said Smith. Puppet. 162,758, Apr. 3.
Smith, Robert F., Grosse Pointe Woods, assignor to General Motors Corporation, Detroit, Mich. Automotive vehicle trunk guard. 161,547, Jan. 2.
Smith, Robert L. and M. M. Sullivan, Lubbock, Tex. Bench. 163,647, June 12.
Smith, Warren A., El Campo, Tex. Table. 162,247, Feb. 27.
Smokador Manufacturing Co., Inc., assignee: *See*—
Jiranek, Leo.
Pratt, Elon G.
Smolarek, Zenon M., Racine, Wis. Practice golf ball holding apparatus. 165,196, Nov. 13.
Smolensky, Albert G., Cleveland, Ohio. Combined faucet and soap dish. 163,545, June 5.
Smoleroff, Henry J., New York, N. Y. Container for rosary beads. 161,548, Jan. 2.
Smoot, William B., Washington, D. C., assignor to Flo-Bar, Limited, New York, N. Y. Dispensing container. 163,648, June 12.
Smoot, William B., Washington, D. C., assignor to Flo-Bar, Limited, New York, N. Y. Covered dispensing container. 163,649, June 12.
Smurr, John B., San Francisco, Calif., assignor to Hazel-Atlas Glass Company, Wheeling, W. Va. Jar. 163,426, May 22.
Snapp, Otto L., and O. L. High, assignors to White Castle System, Inc., Columbus, Ohio. Room service utility cart or the like. 162,486, Mar. 13.
Snedaker, Frank C., & Co., Inc., assignee: *See*—
Hallward, Michael.
Sneed, Theodore N., St. Louis County, Mo. Child's vehicle. 162,092, Feb. 20.
Snider, James W.: *See*—
Janes, Richard B., and Snider.
Snuggle Products, Inc., assignee: *See*—
Stephenson, Verne L.
Snyder, George S., assignor to Salers, Inc., New York, N. Y. Display device. 161,970, Feb. 13.
Snyder, William L., New York, N. Y. Tabouret. 164,966, Oct. 23.
Sobel, Joseph, Camden, N. J. Baking pan. 162,357, Mar. 6.
Sochor, Franz, Vienna, Austria, assignor to O. Brullhard, Forest Hills, N. Y. Miniature camera. 162,892, Apr. 10.
Soden, Jeanne C. M., Ute Park, N. Mex. Casket. 162,695, Mar. 27.
Soderstrom, Wesley, Rockford, assignor to Western Newell Mfg. Co., Freeport, Ill. Shower curtain hook. 163,337, May 15.
Soehner, Howard C., assignor to The Mengel Company, Louisville, Ky. Wall panel or similar article. 164,607, Sept. 18.
Soffe, William L., Salt Lake City, Utah. Holder for cigarette packages or similar articles. 164,068, July 24.
Soffe, William L., Salt Lake City, Utah. Holder for cigarette packages or similar articles. 164,069, July 24.
Soffer, Jack W., St. Louis, Mo. Container closure. 161,969, Feb. 13.
Soffer, Jack W., assignor to Development Research, Inc., St. Louis, Mo. Container closure. 162,893, Apr. 10.
Soffer, Jack W., assignor to Development Research, Inc., St. Louis, Mo. Container closure. 162,894, Apr. 10.
Sojka, Ada, executrix: *See*—
Sojka, Franz.
Sojka, Franz, deceased, Vaduz, Liechtenstein, by A. Sojka, executrix, Rochester, N. Y. Ash tray. 161,657, Jan. 16.
Sol, Chester V., and P. Graban, Hobart, Ind. Airplane. 163,778, June 26.
Sommers, Paul H., Montgomery, Ala. Safety sight. 162,248, Feb. 27.
Son-Chief Electrics, Incorporated, assignee: *See*—
Fitzgerald, Maurice F.
Sontag, Joseph, Chicago, Ill. Combined mirror, picture frame, and shelf. 163,338, May 15.
Soodhalter, Frank, and P. J. Mochel, Los Angeles, Calif. Doll cradle. 162,249, Feb. 27.
Sorensen, Andrew N., Chicago, Ill. Invertible oil burner unit. 161,881, Feb. 6.
Sorensen, Oscar M., Fernandina, Fla. Trawl net sled. 162,487, Mar. 13.
Sorrentino, Vincent, Providence, R. I., assignor to Uncas Manufacturing Company. Finger ring. 165,558, Dec. 25.
Southern Household Products Company, Inc., assignee: *See*—
Smith, Luther A.
Southland Mower Company, Inc., assignee: *See*—
Phelps, Charles N.
Southwell, Edward H., Hollywood, Calif. Bottle. 163,717, June 19.
Sowers, Victor E., Jr., Lima, Ohio. Telephone receiver holder. 161,971, Feb. 13.
Soyster, Huntley H., San Francisco, Calif., assignor to Owens-Illinois Glass Company, Toledo, Ohio. Tumbler. 165,249, Nov. 20.
Spahn, Paul E., Perrysburg, assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Soldering iron head or the like. 162,895, Apr. 10.
Spallone, Louis S., Denver, Colo. Whistling whirling toy. 163,905, July 10.
Spanganberg, Clifford A., assignor to Hickok Manufacturing Co. Inc., Rochester, N. Y. Alphabet for forming monograms or the like. 163,906, July 10.
Spanganberg, Clifford A., assignor to Hickok Manufacturing Co. Inc., Rochester, N. Y. Alphabet for forming monograms or the like. 163,907, July 10.
Spanganberg, Clifford A., assignor to Hickok Manufacturing Co. Inc., Rochester, N. Y. Alphabet for forming monograms or the like. 163,908, July 10.
Spangler, Robert M., Chicago, Ill. Hobbyhorse. 165,491, Dec. 18.
Sparenga, Joseph A., Cleveland, Ohio. Christmas tree stand. 164,608, Sept. 18.
Sparr, Frank, Bellerose, N. Y., assignor to Bright Star Battery Company, Clifton, N. J. Battery tester. 165,309, Nov. 27.
Spear, Arthur S., Providence, R. I., assignor to Sperry Mfg. Co. Buckle finding. 161,549, Jan. 2.
Specialties Development Corporation, assignee: *See*—
Hannant, Theodore N.
Specialty Papers Company, The, assignee: *See*—
Hagedorn, Quinn J.
Speidel Corporation, assignee: *See*—
Augenstein, Karl C.
Spence, John H., assignor to Pullman-Standard Car Manufacturing Company, Chicago, Ill. Vehicle door panel or similar article. 165,559, Dec. 25.
Sperandeo, Vincent, Brooklyn, N. Y. Child's mitten. 161,882, Feb. 6.
Sperry Mfg. Co., assignee: *See*—
Spear, Arthur S.
Spielmann, Ernest, New York, N. Y. Necktie. 161,798, Jan. 30.
Spier, Irene W., assignor to Beacon Plastic & Metal Products, Inc., New York, N. Y. Clock. 162,358, Mar. 6.
Spier, Irene W., assignor to Beacon Plastic & Metal Products, Inc., New York, N. Y. Clock. 162,488, Mar. 13.
Spinali, Salvatore C., San Diego, Calif. Boot. 165,400, Dec. 11.
Splaine, Edward M., assignor to American Optical Company, Southbridge, Mass. Ophthalmic mounting or the like. 165,401, Dec. 11.
Spooner, Lee I., North Arlington, assignor to Allen B. Du Mont Laboratories, Inc., Passaic, N. J. Television transmitter control operator's console. 164,334, Aug. 21.
Sport Products, Inc., assignee: *See*—
Penna, Toney.
Sprigg, Edward A., East Orange, N. J., assignor to D. E. Crooker, Ontonogan, Mich., and L. Felker, Marshfield, Wis. Shoe sole. 164,456, Sept. 4.
Sprigg, Edward A., East Orange, N. J., assignor to D. E. Crooker, Ontonogan, Mich., and L. Felker, Marshfield, Wis. Shoe sole. 164,457, Sept. 4.
Spring, Frank S.: *See*—
Toncray, Millard H., and Spring.

Springer, Edward A., Irondequoit, and G. K. Czarnikow, Greece, assignors to Wollensak Optical Company, Rochester, N. Y. Photographic lens mount. 164,967, Oct. 23.
Springer, Edward A., Irondequoit, and G. K. Czarnikow, Greece, assignors to Wollensak Optical Company, Rochester, N. Y. Photographic lens mount. 164,968, Oct. 23.
Springer, Edward A., Irondequoit, and G. K. Czarnikow, Greece, assignors to Wollensak Optical Company, Rochester, N. Y. Photographic lens mount. 164,969, Oct. 23.
Springman, Sidney H., Torrance, Calif. Grinding machine. 163,490, May 29.
Springs, Elliott W., Fort Mill, S. C. Bed or similar article. 163,650, June 12.
Sprung, John G., assignor to G. T. Brummel, Chicago, Ill. Hook. 161,799, Jan. 30.
Spurgeon, Richard C., assignee: *See*—
Bley, William G.
Square Manufacturing Company, assignee: *See*—
Nelson, Erdick.
Stack, Cedric C., Elwood, Ind. Frame of a baby walker. 164,140, July 31.
Stackhouse, David L., Warwick, R. I. Game board. 164,458 Sept. 4.
Staff, Aaron S., New York, N. Y. Lace. 165,402, Dec. 11.
Stageberg, Wilfred E., Minneapolis, assignor to Brown & Bigelow, St. Paul, Minn. Coin holder or the like. 164,522, Sept. 11.
Staggers, Robert L., and R. L. Warren, Adairville, Ky. Squeegee. 162,250, Feb. 27.
Stahl, Gerald, New York, N. Y., assignor to Zippo Manufacturing Company, Bradford, Pa. Table lighter. 163,651, June 12.
Stahl, Louis, New York, N. Y. Kitchen canister. 165,403, Dec. 11.
Stahl, Philip F. B., Chicago, Ill. Art cabinet. 164,141, July 31.
Stair, Carlyle B., Glendale, Calif. Covered pitcher. 163,491, May 29.
Stakofsky, Joseph, Brooklyn, N. Y. Handbag. 165,492, Dec. 18.
Stamping Products & Mfg. Co., assignee: *See*—
Colombini, John S.
Standard Cap and Seal Corporation, assignee: *See*—
Flieger, Lambert.
Zimmermann, Willy E.
Standard Electrical Tool Company, The, assignee: *See*—
Falls, John J.
Standard Hosiery Mills, Inc., assignee: *See*—
Torgersen, Raymond A.
Standard Paper Box Corp., assignee: *See*—
Petter, Noel A.
Standard Safety Equipment Co., assignee: *See*—
Hoagland, Earl J.
Stanitz, Jacques, Warren, assignor to Mullins Manufacturing Corporation, Salem, Ohio. Dishwasher cabinet. 164,740, Oct. 2.
Stanley, Alexander J., North Brunswick Township, Middlesex County, and J. S. Nicholls, Jr., Kingston, N. J., assignors to Industrial Tape Corporation. Tape dispenser. 162,589, Mar. 20.
Stanley, Frank, Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Automobile fender. 162,251, Feb. 27.
Stanley, Frank, Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Automobile fender. 162,252, Feb. 27.
Stanley, Frank, Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Automobile fender. 162,253, Feb. 27.
Stanley, Frank, Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Automobile fender. 165,560, Dec. 25.
Stanley, Osborne C., Winter Haven, Fla. Combination cane and rack or the like. 162,590, Mar. 20.
Starbuck, Herman S.: *See*—
Cottell, John B., and Starbuck.
Stark, Louis: *See*—
Kaplan, Samuel, and Stark.
Starkey, Harold C., Arcata, Calif. Fishing lure. 161,716, Jan. 23.
Stauffer, George C., Altoona, Pa. Fish lure. 162,696, Mar. 27.
Stava, Robert J., University Heights, and W. F. Schneerer, Cleveland Heights, assignors to Picker X-Ray Corporation, Waite Manufacturing Division, Inc., Cleveland, Ohio. X-ray table. 161,717, Jan. 23.
Stecher, Gertrude K., Grosse Pointe Farms, Mich. Sewing cabinet. 164,070, July 24.
Stefan, Edward J., Tucson, Ariz. Child's crib or similar article. 164,071, July 24.
Steffes, J. Harold, assignee: *See*—
Miller, Clyde L., and Brandon.
Stegeman, Raymond F. E., Greece, assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Semirimless spectacle. 163,546, June 5.
Stegeman, Raymond F. E., Greece, assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Lens rim material for spectacle frames. 163,652, June 12.
Stegeman, Raymond F. E., Greece, assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Spectacle front. 164,205, Aug. 7.
Stegeman, Raymond F. E., Greece, assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Spectacle front. 165,349, Dec. 4.
Steger Furniture Manufacturing Company, assignee: *See*—
Coddington, Harold D.
Stehli & Co. Inc., assignee: *See*—
Stehli, Henry E.
Stehli, Henry E., Locust Valley, assignor to Stehli & Co. Inc., New York, N. Y. Textile fabric. 161,972, Feb. 13.
Stehli, Henry E., Locust Valley, assignor to Stehli & Co. Inc., New York, N. Y. Textile fabric. 164,335, Aug. 21.
Steib, Emanuel G., Forest Hills, N. Y. Combined tie rack and picture frame. 164,653, Sept. 25.
Stein, Jack M., assignor to Reelshav Corporation, Los Angeles, Calif. Razor. 161,800, Jan. 30.
Steinbach, Emil C., Chicago, assignor to C. P. Peirce, Evanston, Ill. Wire magazine. 163,909, July 10.
Steinbach, Emil C., Chicago, assignor to C. P. Peirce, Evanston, Ill. Wire recorder. 163,910, July 10.
Steinbach, Thomas M.: *See*—
Sandin, Ray C., and Steinbach.
Steinbach, Thomas M., Chicago, Ill., assignor to Hotpoint Inc. Electric range backsplasher. 164,142, July 31.
Steinberg, Harry, New York, N. Y. Combined mailing box and letter envelope. 164,654, Sept. 25.
Steiner, Albert M., Cincinnati, Ohio. Toy soda fountain. 161,658, Jan. 16.
Steiner, Ernest, New York, N. Y. Combined novelty mirror and whisk brom. 163,974, July 17.
Steiner, Ernest, New York, N. Y. Novelty figure whisk broom or similar article. 163,975, July 17.
Steiner, Harry, assignor to Corde de Paris Corset Company, Inc., New York, N. Y. Foundation garment. 164,206, Aug. 7.
Steinhardt, Irving H., New York, N. Y. Miniature phosphorescent table lamp. 161,550, Jan. 2.
Stelzer, Harry, New York, N. Y. Belt. 164,523, Sept. 11.
Stenzel, Hyman, Flushing, N. Y. Spectacle frame or similar article. 161,718, Jan. 23.
Stephen, John, Roslindale, Mass. Skirt. 165,029, Oct. 30.
Stephens, George H., Glencoe, assignor to Hammond Instrument Company, Chicago, Ill. Organ console. 164,072, July 24.
Stephenson, Verne L., assignor to Snuggle Products, Inc., Goshen, Ind. Warming bag or the like. 161,801, Jan. 30.
Sterling Plastics Company, assignee: *See*—
Fleming, Jack F.
Sterling Steel Casting Company, assignee: *See*—
Shive, Ray O.
Sterlingworth Company, assignee: *See*—
Shuler, Clyde, and Godfrey.
Stern, Charles M., and G. C. Cattani, San Francisco, Calif. Dispenser for olives, cherries, small onions, and the like. 164,741, Oct. 2.
Stern, Henrietta: *See*—
Gross, Sally, and Stern.
Stern, Herman, assignor to Beer-Stern Company, Inc., New York, N. Y. Embroidered trimming or similar article. 163,074, Apr. 24.
Sternaman, Chester J., Springfield, Ill. Electric lamp holder mounting. 161,551, Jan. 2.
Sternaman, Chester J., Springfield, Ill. Electric lamp holder mounting. 161,659, Jan. 16.
Sternaman, Chester J., Springfield, Ill. Electric lamp holder mounting. 161,660, Jan. 16.
Sternaman, Chester J., Springfield, Ill. Electric lamp holder mounting. 161,661, Jan. 16.
Sternberg, Joseph, assignor to Paul Flato Sales Corporation, New York, N. Y. Pin or similar article. 162,896, Apr. 10.
Sterner, Owen, Shillington, Pa. Lady's stocking. 162,759, Apr. 3.
Sterno, Inc., assignee: *See*—
O'Connell, Daniel C.
Sterrett, Walter R., Muncie, Ind. Glass freezer jar. 163,148, May 1.
Stetson, Scott B., Stockton, Calif. Portable traffic signal. 163,492, May 29.
Steudler, Frederick W., Lancaster County, Pa. Plastic display package. 162,093, Feb. 20.
Steuer, Norman F., San Francisco, Calif., assignor to Owens-Illinois Glass Company, Toledo, Ohio. Bottle. 162,254, Feb. 27.
Stevens, Adolph K., Buffalo, N. Y. Cigarette package holder. 163,493, May 29.
Stevens, Adolph K., Buffalo, N. Y. Container for fishhooks and the like. 163,976, July 17.
Stevens, Clifford B., Milwaukee, assignor to Webster Electric Company, Racine, Wis. Combination magnetic recorder and reproducer. 162,359, Mar. 6.
Stevens, Clifford B., Milwaukee, assignor to Webster Electric Company, Racine, Wis. Combination magnetic recorder and reproducer. 162,360, Mar. 6.
Stevens, Clifford B., Milwaukee, assignor to Moe Light, Inc., Fort Atkinson, Wis. Window valance. 162,361, Mar. 6.
Stevens, Clifford B., Milwaukee, assignor to Webster Electric Company, Racine, Wis. Phonograph tone arm or the like. 162,697, Mar. 27.
Stevens, Clifford B., Fox Point, and J. Hughes, Jr., Whitefish Bay, Wis., assignors to Gibson Refrigerator Company, Greenville, Mich. Refrigerator. 163,075, Apr. 24.

Stevens, Ruth A., Wichita, Kans. Planter light or similar article. 162,591, Mar. 20.
Stewart, Clifford D., Boston, Mass. Candelabrum. 163,547, June 5.
Stewart, Donald E., Grand Rapids, assignor to Winters & Crampton Corporation, Grandville, Mich. Stove handle. 164,655, Sept. 25.
Stier, Joseph B., New York, N. Y. Squirrel coin bank or similar container. 161,973, Feb. 13.
Stier, Joseph B., New York, N. Y. Owl coin bank or similar container. 161,974, Feb. 13.
Stier, Joseph B., New York, N. Y. Monkey coin bank or similar container. 162,255, Feb. 27.
Still, John A., Bradford, Pa. Safety razor. 162,897, Apr. 10.
Stine, Lester G., Harrisburg, Pa. Fishing rod handle. 162,256, Feb. 27.
Stolpe, Bertrand E., Des Moines, Iowa. Combination jar and bottle opener. 164,459, Sept. 4.
Stone, Natalie G., assignee: *See*—
Wilcher, Abrasha.
Stone, Porter E., Detroit, Mich. Rear-vision mirror. 163,229, May 8.
Stone, Roy A., assignor to National Lock Company, Rockford, Ill. Oven door handle. 161,802, Jan. 30.
Stone, Roy A., assignor to National Lock Company, Rockford, Ill. Kitchen cabinet pull. 163,833, July 3.
Stone, Roy A., assignor to National Lock Company, Rockford, Ill. Oven door handle. 165,561, Dec. 25.
Stoner, Arthur M., West Hartford, Conn., and P. Muller-Munk, Pittsburgh, Pa. Lathe chuck. 161,552, Jan. 2.
Storkline Furniture Corporation, assignee: *See*—
Feldman, Abraham G.
Lorenzana, Moises B.
Storz, Charles R., Jr., Jefferson County, assignor to Storz Instrument Company, St. Louis, Mo. Coagulator. 165,493, Dec. 18.
Storz Instrument Company, assignee: *See*—
Storz, Charles R., Jr.
Strafaci, Frank S.: *See*—
Belline, Dominick U., and Strafaci.
Strand, Emil, St. Louis, Mo. Receptacle for toys. 163,149, May 1.
Strandell, Everett P. A., assignor to Novel Craft Manufacturing Company, Inc., Aurora, Ill. Combined hanging plant holder and bracket therefor. 164,970, Oct. 23.
Stratford Pen Corporation, assignee: *See*—
Metzler, Charles L., and Bowen.
Stratman, William C., Los Angeles, Calif., assignor to North American Aviation, Inc. Thickness gauge. 161,662, Jan. 16.
Stratton Equipment Co., assignee: *See*—
Stratton, Ronald R.
Stratton, Ronald R., assignor to Stratton Equipment Co., Cleveland, Ohio. Hydraulic floor crane. 163,230, May 8.
Strauss, Irving, Bridgeport, Conn. Radio cabinet or the like. 161,553, Jan. 2.
Strauss, Siegbert: *See*—
Meyer, Jerry, Strauss, and Stutzel.
Streifeneder, Ludwig: *See*—
McClure, Charles W., and Streifeneder.
Strickler, John F., Jr., Williamsville, and D. C. Wright, Kenmore, assignors to Bell Aircraft Corporation, Wheatfield, N. Y. Helicopter. 162,257, Feb. 27.
Strinning, Karin G. B. and N. E., Alvsjo, Sweden. Wall shelf. 165,118, Nov. 6.
Strinning, Nils E.: *See*—
Strinning, Karin G. B. and N. E.
Strom, William M.: *See*—
Kieffer, Joseph D., III, and Strom.
Studley, Clarence K., Jr., Berkeley, Calif., assignor to Marchant Calculating Machine Company. Register carriage cover for a calculating machine. 164,609, Sept. 18.
Stuman, Jack B., assignor to Geo. D. Roper Corporation, Rockford, Ill. Handle for oven door or the like. 163,231, May 8.
Stuman, Jack B., assignor to Geo. D. Roper Corporation, Rockford, Ill. Handle. 165,119, Nov. 6.
Stupell, Norman J., assignor to Signa-Craft Inc., New York, N. Y. Alphabet for forming monograms or the like. 162,094, Feb. 20.
Stupell, Norman J., assignor to Signa-Craft Inc., New York, N. Y. Alphabet for forming monograms or the like. 162,095, Feb. 20.
Stupell, Norman J., assignor to Signa-Craft Inc., New York, N. Y. Alphabet for forming monograms or the like. 164,742, Oct. 2.
Sturm, Justin, Westport, Conn. Coaster. 162,258, Feb. 27.
Sturm, Milton, & Company, assignee: *See*—
Williams, Robert G.
Sturm, Milton L., assignee: *See*—
Williams, Robert G.
Sturm, Ruger & Co., Inc., assignee: *See*—
Ruger, William B.
Stutzel, Sender: *See*—
Meyer, Jerry, Strauss, and Stutzel.
Suender, Socha, and E. Gottschalk, assignors to Gem Rubber Corporation, New York, N. Y. Rubber overshoe. 164,610, Sept. 18.
Sullivan, Frank, Astoria, N. Y. Spraying powder reservoir. 162,760, Apr. 3.
Sullivan, Maxie M.: *See*—
Smith, Robert L., and Sullivan.
Sunbeam Corporation, assignee: *See*—
Jepson, Ivar.
Sundberg, Carl W., Birmingham, Mich., assignor to Connecticut Telephone and Electric Corporation, Meriden, Conn. Telephone base. 162,898, Apr. 10.
Sundberg, Carl W., Detroit, Mich., assignor to Carrier Corporation, Syracuse, N. Y. Room cooler of the window type. 165,030, Oct. 30.
Sundberg, Carl W., Birmingham, and Montgomery Ferar, Huntington Woods, Mich. Combined lunch kit and handbag. 162,490, Mar. 13.
Sundberg, Carl W., Birmingham, and M. Ferar, Huntington Woods, Mich., assignors to Sylvania Electric Products Inc. Radio cabinet. 162,899, Apr. 10.
Sundheim, Harry G., Jr., assignor to The Glolite Corporation, Chicago, Ill. Illuminable Christmas decoration. 162,259, Feb. 27.
Superior Fastener Corporation, assignee: *See*—
Jorgensen, Clarence W.
Superior Watch Corporation, assignee: *See*—
Plepla, Karl.
Supersite Corporation, assignee: *See*—
Berk, William.
Supurdisplay, Incorporated, assignee: *See*—
Kilburg, Gene.
Surprise Brassiere Co., Inc., assignee: *See*—
Newman, Morris.
Susi, Michael A., assignor to Toscony Fabrics, Inc., New York, N. Y. Plastic film material. 162,900, Apr. 10.
Sussman, Maxwell H., Kew Gardens, N. Y. Dresser or similar article of furniture. 162,491, Mar. 13.
Sutter, Ernest E., Milwaukee, Wis. Compound tool. 163,911, July 10.
Swank, Inc., assignee: *See*—
Howard, Viola T.
Swanson, Arthur P., assignor to Chicago Printed String Company, Chicago, Ill. Ribbon dispenser or similar article. 162,901, Apr. 10.
Swanson, Bror W., Elmwood, assignor, by mesne assignments, to A. F., F. A., J. W., and S. G. Kasprow, New Britain, and M. E. Bailey, New Haven, Conn. Screw thread comparator. 161,663, Jan. 16.
Swart, Ira E., assignor to Pass & Seymour, Inc., Syracuse, N. Y. Heavy-duty electric receptacle. 162,592, Mar. 20.
Swing-A-Way Manufacturing Company, assignee: *See*—
Moore, Walter E.
Sykes, Carl E., Norfolk, Va. Automobile fender trim. 163,718, June 19.
Sykes, Robert E., assignor to American Hydraulics, Inc., Sheboygan, Wis. Grinder. 162,593, Mar. 20.
Sylvania Electric Products Inc., assignee: *See*—
Marchisio, Robert G.
Sundberg, Carl W., and Ferar.
Tait, William, Wyomissing, assignor to Millway Knitting Mill, Inc., Millway, Pa. Stocking. 162,362, Mar. 6.
Talbot, Curtis: *See*—
Bernzott, Hugo, and Talbot.
Talge, Henry J., assignor to J. C. Hockery, Kansas City, Mo., as trustee. Food grinder. 162,997, Apr. 17.
Talge, Henry J., Kansas City, Mo., and J. B. Aberer, Mission, Kans., assignors to J. C. Hockery, Kansas City, Mo., as trustee. Can opener. 162,096, Feb. 20.
Tall, Murry, New Rochelle, N. Y. Pencil sharpener. 164,827, Oct. 9.
Talmadge, Arthur O., Atlanta, Ga. Jewelry rack. 165,404, Dec. 11.
Tames, Daniel, Chicago, Ill. Wardrobe cabinet. 162,594, Mar. 20.
Tammen, Glenn W., Park Ridge, Ill., assignor to U. S. Slicing Machine Company, Inc., La Porte, Ind. Meat tendering machine. 163,719, June 19.
Tammen, Glenn W., Park Ridge, Ill., assignor to U. S. Slicing Machine Company Inc., La Porte, Ind. Tower scale. 164,971, Oct. 23.
Tammen, Glenn W., Park Ridge, assignor to Ampro Corporation, Chicago, Ill. Motion-picture projector. 165,310, Nov. 27.
Tapco, Inc., assignee: *See*—
Taylor, Harold F.
Tarlazzi, Emil, Union City, N. J., assignor to Vanguard Furniture Manufacturers, New York, N. Y. Corner furniture unit. 162,492, Mar. 13.
Tarrson Company, The, assignee: *See*—
Tarrson, Sidney A.
Tarrson, Sidney A., assignor to The Tarrson Company, Chicago, Ill. Dispensing machine for gum balls or other objects. 162,761, Apr. 3.
Tashman, Nat, Reno, Nev. Charm or similar article. 161,883, Feb. 6.
Taylor, Gordon B., assignee: *See*—
McGlinchey, Arthur E.
Taylor, Harold C., assignor to Joseph Lucas Limited, Birmingham, England. Windshield defroster. 164,656, Sept. 25.
Taylor, Harold F., assignor to Tapco, Inc., Springfield, Ohio. Combined container and slicer. 163,912, July 10.
Taylor Instrument Companies, assignee: *See*—
Huber, Charles L.
Taylor, Leslie H., Plymouth, assignor to Burroughs Adding Machine Company, Detroit, Mich. Roll paper holder for business machines. 163,232, May 8.

Taylor, Milford J., assignor to Wisconsin Tissue Mills, Menasha, Wis. Paper napkin. 162,097, Feb. 20.
Teague, James, assignor to Miller Meters, Inc., Chicago, Ill. Parking meter casing. 162,698, Mar. 27.
Teague, James, Chicago, Ill., assignor to E. L. Bruce Company, Memphis, Tenn. Floor cleaning implement. 164,073, July 24.
Teague, Walter D., Annandale, N. J., and R. H. Ensign, Bronxville, assignors to H. C. Paulk, New York, N. Y. Combination scalp cleaner and massager. 164,207, Aug. 7.
Teague, Walter D., Annandale, N. J., and R. H. Ensign, Bronxville, N. Y., assignors to General Electric Company. Cabinet for an air-conditioning unit or similar article. 165,494, Dec. 18.
Teich, Curt, & Company, assignee: *See*—
Marquis, Joseph D., and Ehlert.
Telechron, Inc., assignee: *See*—
Babel, Rudolph M.
Bruch, Leo I.
Ten Eyck, Richard, Wichita, Kans. Duplex house trailer. 164,524, Sept. 11.
Tenzer, Max, University City, Mo. Belt purse. 164,611, Sept. 18.
Terry, Thomas R., deceased, Idaho Falls, Idaho; W. G. Terry, administrator. Advertising sign. 164,743, Oct. 2.
Terry, Woodrow G., administrator: *See*—
Terry, Thomas R.
Tesch, George D., Chicago, Ill. Building. 165,405, Dec. 11.
Tessler, William, assignee: *See*—
Ziperstein, Allen, and Keck.
Theis, William T., North Hollywood, and L. W. Green, Malibu, assignors to Interstate Engineering Corporation, El Segundo, Calif. Air-driven floor polisher. 162,595, Mar. 20.
Thelander, W. Vincent, Toledo, Ohio. Shirt. 165,311, Nov. 27.
Thibault, Joseph O., assignor to Casco Products Corporation, Bridgeport, Conn. Fender guide. 165,495, Dec. 18.
Thomaras, Brinzie A., Detroit, Mich. Portable refrigerator. 161,975, Feb. 13.
Thomas, Eleanor A., Ruxton, Md. Edible shell or the like. 165,197, Nov. 13.
Thomas, Harry I., assignor to The Hagerstown Leather Company, Hagerstown, Md. Utility purse. 165,562, Dec. 25.
Thomas, Roscoe C., Pasadena, Calif. Stereoscopic viewer. 161,884, Feb. 6.
Thompson, Doris M., Arlington, Va., assignor of one-half to P. D. Beavers, Washington, D. C. Combination picture holder and paper weight. 164,885, Oct. 16.
Thompson, Houston, Milwaukee, Wis. Automobile. 163,339, May 15.
Thompson, Paul, Wellesley Hills, Mass. Pan liner. 162,902, Apr. 10.
Thompson, Walter M., Jr., East Providence, R. I. Lamp. 162,260, Feb. 27.
Thomson, Ernest F., North Salem, N. Y., assignor to The Globe-Wernicke Co., Norwood, Ohio. Display shelf. 164,744, Oct. 2.
Thomson, Ernest F., Tuckahoe, N. Y., assignor to Casco Products Corporation, Bridgeport, Conn. Electric power tool unit. 161,719, Jan. 23.
Thomson, Ernest F., Tuckahoe, N. Y., assignor to The Globe-Wernicke Co., Norwood, Ohio. File cabinet. 162,493, Mar. 13.
Thor Corporation, assignee: *See*—
Mango, Joseph R.
Thornton, Harold H., New York, N. Y. Combined casing, mirror, and lipstick. 162,699, Mar. 27.
Thorp, John W., Burbank, assignor to Fletcher Aviation Corp., Pasadena, Calif. Airplane. 163,913, July 10.
Thrailkill, Orville W., Wellington, Kans. Coaster for beverage bottles or the like. 162,494, Mar. 13.
Tietje, Helmut G., Cresskill, assignor to Columbia Protektosite Co. Inc., Carlstadt, N. J. Goggle frame. 126,998, Apr. 17.
Tilley, Eugene D., Fisher, Ark. Bicycle. 164,074, July 24.
Tillinghast, Iris F., assignee: *See*—
Boetschi, Reneé.
Timefax Corporation, assignee: *See*—
Dreyfuss, Henry.
Timmons, Elizabeth N., assignor to Jantzen Knitting Mills Inc., Portland, Oreg. Printed fabric or the like. 163,977, July 17.
Timmons, Elizabeth N., assignor to Jantzen Knitting Mills Inc., Portland, Oreg. Printed fabric or the like. 163,978, July 17.
Todfield, Morris H., Brooklyn, N. Y., assignor to Delamere Company, Inc. Barrette or the like. 161,554, Jan. 2.
Toledo Scale Company, assignee: *See*—
Little, John M.
Toler, Linster D., assignor to B. Bleiberg and H. E. Kahn, Baltimore, Md. Wall lamp. 165,406, Dec. 11.
Toncray, Millard H., and F. S. Spring, Grosse Pointe, assignors to Hudson Motor Car Company, Detroit, Mich. Automobile. 164,208, Aug. 7.
Toombs, Harry B., New York, and G. Amberge, Mount Vernon, N. Y. Toy rattle. 165,407, Dec. 11.
Topper Formals, Inc., assignee: *See*—
Henry, Aline.
Torgersen, Raymond A., Burlington, N. C., assignor to Standard Hosiery Mills, Inc. Man's sock. 165,408, Dec. 11.
Torgerson, Oscar, Portland, Oreg. Telephone desk. 163,834, July 3.
Tornabe, Theresa, New York, N. Y. Lady's handkerchief box or similar article. 164,336, Aug. 21.
Torok, Frank, assignor to Artistic Foundations, Inc., New York, N. Y. Bathing suit. 161,555, Jan. 2.
Toscony Fabrics Inc., assignee: *See*—
Obrust, Max.
Susi, Michael A.
Toth, Gustave G., Woodland Hills, assignor to Gershgorn & Co., Inc., Los Angeles, Calif. Watch band or similar article. 163,494, May 29.
Tovell, Allen D., Pasadena, Calif. Toy pistol. 164,657, Sept. 25.
Towle Manufacturing Company, assignee: *See*—
Van Koert, John O.
Towns, Mirabeau C., Jr., Sparta, N. J. Hairpin. 164,460, Sept. 4.
Tracerlab Inc., assignee: *See*—
Bacchieri, Albert J.
Trame, Charles E., Lima, Ohio, assignor to International Harvester Company. Sign. 162,596, Mar. 20.
Trautner, Wagn, Cincinnati, Ohio. Ash tray. 164,337, Aug. 21.
Trautvetter, George, Jenkintown, assignor to Heintz Manufacturing Company, Philadelphia, Pa. Metallic container. 162,903, Apr. 10.
Treiss, Herman G., Riverdale, assignor to American Safety Razor Corporation, Brooklyn, N. Y. Combined cigarette lighter and letter opener. 165,250, Nov. 20.
Treiss, Herman G., Jr., assignor to American Safety Razor Corporation, Brooklyn, N. Y. Table lighter holder. 164,745, Oct. 2.
Treiss, Herman G., Jr., assignor to American Safety Razor Corporation, Brooklyn, N. Y. Combined table lighter and ash receiver rack. 165,120, Nov. 6.
Tremulis, Alexander S., Ypsilanti, Mich., assignor to Peter S. Pagratis & Associates, Chicago, Ill. Automobile hood ornament or similar article. 164,461, Sept. 4.
Triangle Studios, assignee: *See*—
De Marsa, Valeria.
Tricolator Company, Inc., assignee: *See*—
Nevell, Thomas G.
Trifari, Krussman & Fishel, Inc., assignee: *See*—
Philippe, Alfred.
Trigere, Pauline, New York, N. Y. Coat. 163,340, May 15.
Trimble, Roy L., Bloomington, Ill. Twin baby stroller. 162,495, Mar. 13.
Tri-State Plastic Molding Co., assignee: *See*—
Gibbs, Robert K.
Yates, Cyril J.
Triumph Manufacturing Company, assignee: *See*—
Schimanski, Frederick W.
Troche, Herman J.: *See*—
Holan, James H., and Troche.
Trott, Eric M., Parkview, Johannesburg, Transvaal Providence, Union of South Africa. Ear ornament. 165,496, Dec. 18.
Troy, Ellen, New York, N. Y. Lady's stocking. 164,390, Aug. 28.
Troya, Henry, Los Angeles, Calif. Watch. 163,653, June 12.
Tru-Lite Corporation, assignee: *See*—
Roy, William F.
Trumbull Electric Manufacturing Company, The, assignee: *See*—
Bangert, Charles, Jr.
Tschudi, Julius, Montreal, Quebec, Canada. Ash tray. 164,972, Oct. 23.
Tuma, James W., Muncie, Ind. Garment hanger. 162,261, Feb. 27.
Tunick, David, assignee: *See*—
Poerner, Edward W.
Tupper, Ward A., Dexter, Mich. Condiment dispenser. 161,600, Jan. 9.
Turnbull, Alice L., Vienna, Va. Stool. 165,563, Dec. 25.
Turner, Dessie, assignee: *See*—
Turner, Dewey O.
Turner, Dewey O., Pine Grove, Calif., assignor, by decree of distribution, to D. Turner. Automatic coupling for mining and tunnel cars. 163,720, June 19.
Turner, John B., Norwich, N. Y. Fireplace screen. 165,031, Oct. 30.
Turner, Victor, New York, N. Y. Display stand or similar article. 162,597, Mar. 20.
Tyer Rubber Company, assignee: *See*—
Bushway, George F.
Capen, Bernard H.
Tyler, Willard G., Albany, Calif. Multitap attachment plug. 164,338, Aug. 21.
Tyler, Willard G., Albany, Calif. Electric socket and tap unit. 164,462, Sept. 4.
Uhrmann, Carl J., assignor to Imperial Glass Corporation, Bellaire, Ohio. Tumbler or similar article. 163,427, May 22.
Ultra-Cold, Inc., assignee: *See*—
Conkle, Carl C.
Ulvang, Oscar L., Duluth, Minn. Belt attaching gun cradle. 162,904, Apr. 10.

Ulvad, Bernard, assignor, by mesne assignments, to Foster Grant Co., Inc., Leominster, Mass. Crayon or the like. 163,779, June 26.
Umholtz, Albert E., Oklahoma City, Okla. Mobile refreshment stand. 164,525, Sept. 11.
Uncas Manufacturing Company, assignee: *See*—
Barbieri, Nicholas.
Sorrentino, Vincent.
Underwood Corporation, assignee: *See*—
Guild, Lurelle V. A.
O'Neil, William J.
Ungar, Leo, University City, Mo. Cigarette lighter. 164,828, Oct. 9.
Union Steam Pump Company, assignee: *See*—
Yohpe, Reinhard A.
Union Steel Products Company, assignee: *See*—
Bitney, Dewey H.
United China and Glass Co., assignee: *See*—
Zeisel, Eva S.
United Metal Goods Manufacturing Co., Inc., assignee: *See*—
Levy, Abraham.
Punzak, Joseph F.
United Mills Corporation, assignee: *See*—
Breitman, Harvey.
United States Atomic Energy Commission, United States of America as represented by the, assignee: *See*—
Polye, William R., and Zito.
U. S. Fiber & Plastics Corp., assignee: *See*—
Meyer, Hugo B., and Lawson.
United States Rubber Company, assignee: *See*—
Bovay, Norman E.
Gruner, William J.
Muszynski, Marcia G.
Yaggi, Lawrence W.
U. S. Slicing Machine Company, Inc., assignee: *See*—
Klingens, Cornelis, and Foster.
Tammen, Glenn W.
United States Time Corporation, The, assignee: *See*—
Ornas, Theodore, Jr.
Universal Camera Corporation, assignee: *See*—
Cassidy, John D., and Marks.
Universal Match Corporation, assignee: *See*—
Shapiro, Joseph.
Universal Woodcrafters, Inc., assignee: *See*—
Shapiro, Charles B.
University Loudspeakers, Inc., assignee: *See*—
Levy, Sidney E., and Condon.
Unruh, Theodore L., Los Angeles, Calif. Hairpin spreader. 164,526, Sept. 11.
Utility Plastic Inc., assignee: *See*—
Singer, Lawrence H., and Utley.
Utley, Lewis S.: *See*—
Singer, Lawrence H., and Utley.
Uttz, William A., assignee: *See*—
Fowler, Alvah W.
Uttz, William A., Fort Worth, Tex. Fisherman's utility tool. 164,209, Aug. 7.
Uttz, William A., Fort Worth, Tex. Camper's tool. 165,198, Nov. 13.
Utz, Edward L., Dayton, Ohio. Multiple compartment cooking pan. 162,905, Apr. 10.
Uva, Joseph A., Watertown, Mass. Lipstick container. 163,341, May 15.
Vacanti, Michael C., Irondequoit, assignor to Germanow-Simon Machine Company, Inc., Rochester, N. Y. Combined thermometer and rearview mirror for use on motor vehicles. 162,098, Feb. 20.
Vahala, Toivo J., New York, N. Y. Pistol grip. 163,654, June 12.
Vail Manufacturing Company, assignee: *See*—
Crosby, Stephen A., and Vail.
Vail, Richard B.: *See*—
Crosby, Stephen A., and Vail.
Vaisey, Harold C., and J. R. Whitehouse, assignors to Hickok Manufacturing Co. Inc., Rochester, N. Y. Alphabet for forming monograms or the like. 162,099, Feb. 20.
Valcourt, Louis E., East Providence, assignor to Kestenman Bros. Mfg. Co., Providence, R. I. Expansible link chain for a bracelet or similar article. 163,979, July 17.
Valcourt, Louis E., East Providence, assignor to Kestenman Bros. Mfg. Co., Providence, R. I. Watch bracelet or the like. 163,980, July 17.
Valcourt, Louis E., East Providence, assignor to Kestenman Bros. Mfg. Co., Providence, R. I. Watch bracelet or the like. 163,981, July 17.
Valcourt, Louis E., East Providence, assignor to Kestenman Bros. Mfg. Co., Providence, R. I. Watch bracelet or the like. 163,982, July 17.
Valliant, Nathaniel B., Chicago, Ill. Toothpick case. 163,495, May 29.
Van Brode Milling Co., Inc., assignee: *See*—
Olbrés, Zeigmund A.
Vance, Byron T. J., Hollywood, Calif. Infant chair trainer. 161,933, Feb. 13.
Vandas, Edward B., assignor to American Stove Company, St. Louis, Mo. Heater. 165,032, Oct. 30.
Vandas, Edward B., assignor to American Stove Company, St. Louis, Mo. Heater. 165,033, Oct. 30.
Vandergeenst, Robert, Le Mans, France. Charm or the like. 163,721, June 19.
Van Deusen, Earl, Seattle, Wash. Lamp base. 162,906, Apr. 10.
Van Dyck, Kenneth A.: *See*—
Reddig, James C., and Van Dyck.
Van Dyck, Kenneth A., assignor to Eastman Kodak Company, Rochester, N. Y. Photographic safelight lamp. 164,339, Aug. 21.
Vanguard Furniture Manufacturers, assignee: *See*—
Tarlazzi, Emil.
Vanhorn, Fred J., Valdese, and R. L. Vanhorn, Drexel, assignors to Menzies Hosiery Mills, Inc., Hickory, N. C. Man's sock. 165,251, Nov. 20.
Vanhorn, Fred J., Valdese, and R. L. Vanhorn, Drexel, assignors to Menzies Hosiery Mills, Inc., Hickory, N. C. Man's sock. 165,252, Nov. 20.
Vanhorn, Roy L.: *See*—
Vanhorn, Fred J. and R. L.
Vanity Corset Company, Inc., assignee: *See*—
Mayer, Milton.
Van Koert, John O., assignor to Towle Manufacturing Company, Newburyport, Mass. Fork or similar article. 161,720, Jan. 23.
Van Koert, John O., assignor to Towle Manufacturing Company, Newburyport, Mass. Knife or similar article. 164,210, Aug. 7.
Van Prooyen, William, Jr., Ada, Mich. Inking pad. 163,496, May 29.
Van Raalte Company, Inc., assignee: *See*—
Junghans, Max.
Van Sciver, Edwin P., Philadelphia, Pa., assignor to Pyrene Manufacturing Company, Newark, N. J. Fire extinguisher. 165,034, Oct. 30.
Van Veen, Anton, Canton Center, Conn. Counter. 165,564, Dec. 25.
Vastano, Joseph J., assignor to Flex-Let Corporation, East Providence, R. I. Expansible bracelet. 161,556, Jan. 2.
Vaughan, Francis E., Pasadena, Calif. Drafting machine thumb control unit. 162,907, Apr. 10.
Vaughan, Francis E., Pasadena, Calif. Counterpoise housing for a drafting machine. 163,150, May 1.
Vaughan, William, Woodstock, Conn., assignor to American Optical Company, Southbridge, Mass. Optical instrument. 161,976, Feb. 13.
Vaughn, Albert E., Orange, N. J. Hair curler. 161,664, Jan. 16.
Veeder, Harry, New York, N. Y. Ribbon display stand. 162,262, Feb. 27.
Veith, John E., assignee: *See*—
Battle, Wingate.
Vellá, Ruby S., assignor of ½ to F. J. Burnham, Los Angeles, Calif. Convertible chair and table. 161,601, Jan. 9.
Vendo Company, The, assignee: *See*—
Hansen, George H., Jr.
Schumacher, Warner.
Verderosa, Louis, Ozone Park, N. Y. Safety disk wheel. 164,746, Oct. 2.
Vermann, Charles, New York, N. Y. Base for a hosiery leg form. 161,665, Jan. 16.
Vermann, Charles, New York, N. Y. Base for a hosiery leg form. 161,721, Jan. 23.
Verrand, Mamie, New York, N. Y. Dress. 162,999, Apr. 17.
Verrand, Mamie, New York, N. Y. Dress. 163,000, Apr. 17.
Verrand, Mamie, New York, N. Y. Dress ensemble. 163,001, Apr. 17.
Verrand, Mamie, New York, N. Y. Combined dress and scarf. 165,035, Oct. 30.
Verrand, Mamie, New York, N. Y. Dress. 165,121, Nov. 6.
Versen, Kurt, Tenafly, N. J. Table lamp. 164,886, Oct. 16.
Versen, Kurt, Tenafly, N. J. Table lamp. 165,312, Nov. 27.
Victor Adding Machine Co., assignee: *See*—
Budlong, Robert D.
Victor Vending Corporation, assignee: *See*—
Schaef, Harold M.
Victory, Frederick C., Milford, assignor to Moore Special Tool Co., Inc., Bridgeport, Conn. Jig grinder. 163,076, Apr. 24.
Vinje, Arne F., Santa Monica, Calif. Combination airplane and automobile. 163,722, June 19.
Virtue Bros. Mfg. Co., assignee: *See*—
Virtue, Philip M.
Virtue, Philip M., assignor to Virtue Bros. Mfg. Co., Los Angeles, Calif. Chair back. 163,655, June 12.
Virtue, Philip M., assignor to Virtue Bros. Mfg. Co., Los Angeles, Calif. Chair. 163,656, June 12.
Vischer, Harry P., Brooklyn, Mich. Portable crane. 163,723, June 19.
Voelker, Edward M.: *See*—
Voelker, Jane E. and E. M., and Sabbagh.
Voelker, Jane E. and E. M., New Salem, Mass., and J. W. Sabbagh, Jackson Heights, assignors to Inventors Enterprises, Inc., New York, N. Y. Chair. 164,527, Sept. 11.
Vogl, Hugh W., Wilmette, Ill. Vise or similar article. 164,143, July 31.
Vogler, Willy M., Shillington, Pa. Lady's stocking. 162,598, Mar. 20.
Vogler, Willy M., Shillington, Pa. Lady's stocking. 162,599, Mar. 20.
Vogue Rubber Company, assignee: *See*—
Dodson, Loyd O.

Voice, Sidney P., Hewlett, assignor to Gotham Hosiery Company, Inc., New York, N. Y. Stocking box. 163,914, July 10.
Voigt, Max T., Reading, assignor to American Safety Table Co., Inc., Mohnton, Pa. Supporting base for a worktable or the like. 164,528, Sept. 11.
Volckening, Lloyd I., executor: *See*—
Salfisberg, Leroy L.
Volk, Margaret A., Toledo, Ohio. Bedspread rack. 162,908, Apr. 10.
Volkheimer, Charles, New Hyde Park, N. Y. Adjustable ratchet wrench. 163,002, Apr. 17.
Vonnegut Moulder Corporation, assignee: *See*—
Clyne, Joseph N.
Von Seekamm, Egon F., New York, N. Y. Spectacle frame. 164,211, Aug. 7.
Vorbau, Robert C., Chicago, Ill., assignor to Le Febure Corporation, Cedar Rapids, Iowa. Filing tray. 164,212, Aug. 7.
Vuillemenot, Fred A., Raynham, and F. R. High, Attleboro, Mass. Bottle. 165,122, Nov. 6.
Vulcan Radiator Company, The, assignee: *See*—
Hodgman, Clare E.
Waas, Samuel M., assignor to Manley, Inc., Kansas City, Mo. Popcorn machine cabinet. 163,497, May 29.
Waas, Samuel M., assignor to Manley, Inc., Kansas City, Mo. Combination popcorn making machine and storage cabinet. 164,267, Aug. 14.
Waas, Samuel M., assignor to Manley, Inc., Kansas City, Mo. Popcorn making machine. 164,268, Aug. 14.
Waas, Samuel M., assignor to Manley, Inc., Kansas City, Mo. Kettle unit for popcorn machines. 165,497, Dec. 18.
Wackerman, Charles S., assignor to The American Fabrics Company, Bridgeport, Conn. Narrow woven fabric. 165,498, Dec. 18.
Wade, Catherine C., St. Louis, and J. C. Sherman, St. Louis County, Mo. Lady's belt. 161,666, Jan. 16.
Wade, Ripley, Mobile, Ala. Game cabinet. 163,498, May 29.
Wagenman, Samuel C., Cleveland, Ohio. Store front. 163,835, July 3.
Wagner, Anna V., Chicago, Ill. Fruit picker. 161,977, Feb. 13.
Wagner, Anna V., Chicago, Ill. Bookmark. 163,657, June 12.
Wagner Electric Corporation, assignee: *See*—
Milster, Arthur N., and Shartle.
Wagner, Franz, Chicago, Ill. Spoon or similar article. 161,803, Jan. 30.
Wagner, Franz, assignor to Ekco Products Company, Chicago, Ill. Handle for cooking utensils. 162,762, Apr. 3.
Wagner, Franz, Chicago, Ill. Cutlery holder. 163,151, May 1.
Wagner, Franz, assignor to Ekco Products Company, Chicago, Ill. Handle for kitchen utensils or similar articles. 163,428, May 22.
Wagner, Franz, assignor to Ekco Products Company, Chicago, Ill. Fork or similar article. 163,658, June 12.
Wagner, Franz, assignor to Ekco Products Company, Chicago, Ill. Knife or similar article. 163,659, June 12.
Wagner, Franz, assignor to Ekco Products Company, Chicago, Ill. Knife or similar article. 163,660, June 12.
Wagner, Franz, Chicago, Ill., assignor to Nesco, Inc., Milwaukee, Wis. Covered receptacle. 163,780, June 26.
Wagner, Franz, assignor to Ekco Products Company, Chicago, Ill. Spoon or similar article. 164,529, Sept. 11.
Wagner, Franz, assignor to Ekco Products Company, Chicago, Ill. Spoon or similar article. 164,530, Sept. 11.
Wagner, Franz, assignor to Ekco Products Company, Chicago, Ill. Spoon or similar article. 164,531, Sept. 11
Wagner, Franz, assignor to Ekco Products Company, Chicago, Ill. Spoon or similar article. 164,532, Sept. 11.
Wagner, Franz, assignor to Ekco Products Company, Chicago, Ill. Spoon or similar article. 164,533, Sept. 11.
Wagner, Franz, assignor to Ekco Products Company, Chicago, Ill. Spoon or similar article. 164,534, Sept. 11.
Wagner, Franz, assignor to Ekco Products Company, Chicago, Ill. Spoon or similar article. 164,535, Sept. 11.
Wagner, Franz, assignor to Ekco Products Company, Chicago, Ill. Spoon or similar article. 164,536, Sept. 11.
Wagner, Franz, assignor to Ekco Products Company, Chicago, Ill. Spoon or similar article. 164,537, Sept. 11.
Wagner, Franz, assignor to Ekco Products Company, Chicago, Ill. Spoon or similar article. 164,538, Sept. 11.
Wagner, Franz, assignor to Ekco Products Company, Chicago, Ill. Knife or similar article. 164,887, Oct. 16.
Wagner, Franz, assignor to Ekco Products Company, Chicago, Ill. Merchandise display case. 165,036, Oct. 30.
Wagner, Walter J., Wyckoff, N. J. Fruit juice shaker. 163,342, May 15.
Wagner, Willard F., assignor of one-half to C. W. Glenn, Detroit, Mich. Lighter. 164,391, Aug. 28.
Wahlberg, Eric C., Stamford, and J. J. Moughty, assignors to Electrolux Corporation, Old Greenwich, Conn. Electric space heater. 164,613, Sept. 18.
Wahlberg, Paul E., and N. V. Johnson, Pomona, Calif. Game board. 162,700, Mar. 27.
Walden, Mary I., Castle Rock, Wash. Ribbon-run trimming. 162,600, Mar. 20.
Walden, Mary I., Castle Rock, Wash. Ribbon-run beading. 162,601, Mar. 20.
Waldheim, John J., assignee: *See*—
Bartolucci, Edgar O.
Waldman, Thelma, assignor to Quaker Lace Company, Philadelphia, Pa. Lace tablecloth. 163,003, Apr. 17.
Waldman, Thelma, assignor to Quaker Lace Company, Philadelphia, Pa. Lace tablecloth. 163,004, Apr. 17.
Waldron, William L., Mesquite, Tex. Casket. 163,837, July 3.
Walker, Arthur H., J. A., and R. J., Alameda, Calif. Child's roller skate. 161,557, Jan. 2.
Walker China Company, The, assignee: *See*—
Rudd, George.
Walker, George W., Bloomfield Hills, Mich., assignor to International Harvester Company. Refrigerator cabinet. 163,661, June 12.
Walker, George W., Detroit, assignor to Dearborn Motors Corporation, Highland Park, Mich. Manure spreader or similar article. 162,909, Apr. 10.
Walker, John A.: *See*—
Walker, Arthur H., J. A., and R. J.
Walker, John R., Flushing, assignor to Norcross, Inc., New York, N. Y. Combined lighting fixture and interchangeable sign holder. 163,781, June 26.
Walker, Maude J., Takoma Park, Md. Artist's smock. 161,558, Jan. 2.
Walker, Richard J.; *See*—
Walker, Arthur H., J. A., and R. J.
Walkley, William G., Manly, and W. M. Leonard, Neutral Bay, New South Wales, Australia. Bottle. 165,313, Nov. 27.
Wall, Harry L., East St. Louis, Ill. Sugar dispenser. 163,915, July 10.
Wallace China Co., Ltd., assignee: *See*—
Reiser, John H.
Wallace, R., & Sons, Mannufacturing Companny, assignee: *See*—
Warren, William S.
Wallace, Waldo W., Panama City, Fla. Oarlock. 162,910, Apr. 10.
Wallance, Donald A., New York, N. Y. Table. 164,075, July 24.
Wallance, Donald A., Washington, D. C., and D. Bendersky, said Bendersky, assignor to Midwest Research Institute, Kansas City, Mo. Dresser or similar article. 164,614, Sept. 18.
Wallau, Alex L., New York, N. Y. Combined slipper and sox. 164,888, Oct. 16.
Waller, Irvin, Chicago, Ill. Graver and screw driver sharpening fixture. 162,911, Apr. 10.
Waller, James A.: *See*—
Andrews, Elton L., and Waller.
Waller, William J., Bridgeport, Conn. Molded building block. 161,722, Jan. 23.
Walls, Edna M., Washington, D. C. Barrette or similar article. 162,363, Mar. 6.
Walsh, Bertrand R., Forest Hills, N. Y. Display counter. 163,499, May 29.
Walsh, John F., and D. Webster, Chicago, Ill. Combined ashtray and signal. 164,144, July 31.
Walsh, John H., Boston, Mass. Lipstick display case. 161,804, Jan. 30.
Walter, John H., Grosse Pointe, assignor to Motor Products Corporation, Detroit, Mich. Refrigerator cabinet. 163,916, July 10.
Walter, John H., Grosse Pointe, assignor to Motor Products Corporation, Detroit, Mich. Refrigerator cabinet. 164,829, Oct. 9.
Ward, Raymond R., North Royalton, Ohio. Golf tee. 161,602, Jan. 9.
Ward, Raymond R., North Royalton, Ohio. Golf tee holder or similar article. 165,253, Nov. 20.
Ware, Homer K.: *See*—
Beckett, Donald E. and W. N., Wasmuth, and Ware.
Wark, John: *See*—
Bowen, Billi, and Wark.
Metzler, Charles L., and Wark.
Warnell, Charles E., Portland, Oreg. Illuminating clip board. 164,615, Sept. 18.
Warner, Clarence S., assignor to American Prismatic Glasses Incorporated, Boston, Mass. Pair of prism spectacles. 161,885, Feb. 6.
Warp, John R., assignor to Flex-O-Glass, Inc., Chicago, Ill. Display rack. 161,559, Jan. 2.
Warp, John R., assignor to Flex-O-Glass, Inc., Chicago, Ill. Combined display and dispensing stand. 165,254, Nov. 20.
Warren, Fred, Forest Hills, assignor to Longines-Wittnauer Watch Co., Inc., New York, N. Y. Watchcase or similar article. 162,263, Feb. 27.

Warren, Fred, Forest Hills, assignor to Longines-Wittnauer Watch Co., Inc., New York, N. Y. Wrist watch case or similar article. 164,830, Oct. 9.
Warren, Fred, Forest Hills, assignor to Longines-Wittnauer Watch Co., Inc., New York, N. Y. Wrist watch case or similar article. 164,831, Oct. 9.
Warren, Fred, Forest Hills, assignor to Longines-Wittnauer Watch Co., Inc., New York, N. Y. Wrist watch case or similar article. 164,832, Oct. 9.
Warren, Robert L.: *See*—
Staggers, Robert L., and Warren.
Warren, William S., Meriden, Conn. Table ornament or similar article. 164,747, Oct. 2.
Warren, William S., Meriden, assignor to R. Wallace & Sons Manufacturing Company, Wallingford, Conn. Spoon or similar article. 165,199, Nov. 13.
Warren, William S., Meriden, assignor to R. Wallace & Sons Manufacturing Company, Wallingford, Conn. Spoon or similar article. 165,200, Nov. 13.
Warren, William S., Meriden, assignor to R. Wallace & Sons Manufacturing Company, Wallingford, Conn. Spoon or similar article. 165,201, Nov. 13.
Wasko, Joseph S. and S. M., Farrell, Pa. Birth announcement plaque. 164,076, July 24.
Wasko, Steve M.: *See*—
Wasko, Joseph S. and S. M.
Wasmuth, Robert E., assignee: *See*—
Beckett, Donald E. and W. N., Wasmuth, and Ware.
Wass, Samuel M., assignor to Manley, Inc., Kansas City, Mo. Storage cabinet for popcorn. 164,612, Sept. 18.
Wassner, Dorothy K., New York, N. Y. Quilt cover or similar article. 163,917, July 10.
Wasson, David H., North Tonawanda, N. Y. Ash tray. 163,005, Apr. 17.
Waterhouse, William O.: *See*—
Brown, Timothy C., and Waterhouse.
Waterman, L. E., Company, assignee: *See*—
Covey, Laird F., and Harten.
Watkins, Edward L., Ferndale, Mich. Heat-insulated bottle and lunch holder. 163,782, June 26.
Watson, John F., Chatham, N. J. Bottle. 163,343, May 15.
Watts, Ruth, Bellaire, Tex. Combined sundial and paperweight. 163,500, May 29.
Waukegan Baby Seat Co., assignee: *See*—
Inman, Walter A.
Wayne, Phyllis, assignor to Harry Goldinger Textile Corporation, Los Angeles, Calif. Textile fabric. 162,602, Mar. 20.
Wayne Pump Company, The, assignee: *See*—
Muller-Munk, Peter.
Weatherhead Company, The, assignee: *See*—
St. Clair, Theodore A.
Webbeking, Carl, Cleveland, Ohio. Fly swatter. 163,152, May 1.
Webster-Chicago Corporation, assignee: *See*—
Pearson, Oscar A.
Webster, Daniel: *See*—
Walsh, John F., and Webster.
Webster Electric Company, assignee: *See*—
Stevens, Clifford B.
Webster, James M., Pelham, N. Y. Child's play booth. 164,748, Oct. 2.
Wedemeyer, Eric, Floral Park, assignor to Hamilton Art Metal Corporation, New York, N. Y. Combined ash tray and snuffer. 163,918, July 10.
Wee, Quan, San Antonio, Tex. Educational spinning top. 162,100, Feb. 20.
Weeber, Marion, assignor to National Silver Company, New York, N. Y. Salt shaker or similar article. 162,496, Mar. 13.
Weeber, Marion, assignor to National Silver Company, New York, N. Y. Spoon or similar article of flatware. 162,497, Mar. 13.
Weeber, Marion, assignor to National Silver Company, New York, N. Y. Spoon or similar article of flatware. 162,498, Mar. 13.
Wegelin, Charles, Birmingham, Ala. Mop wringer. 164,340, Aug. 21.
Wehner Engineering Company, assignee: *See*—
Wehner, William C.
Wehner, William C., and Lapp.
Wehner, William C., Grosse Pointe Park, and J. Lapp, Detroit, assignors to Wehner Engineering Company, Grosse Pointe Park, Mich. Lawn sprinkler. 161,805, Jan. 30.
Wehner, William C., assignor to Wehner Engineering Company, Grosse Pointe Park, Mich. Lawn sprinkler. 161,806, Jan. 30.
Wehner, William C., Grosse Pointe Park, and J. Lapp, Detroit, assignors to Wehner Engineering Company, Grosse Pointe Park, Mich. Lawn sprinkler. 161,807, Jan. 30.
Weidenfeld, Henry, New York, N. Y. Dress or similar article. 161,808, Jan. 30.
Weidig, Eugene C., New Orleans, La. Garden tool. 163,501, May 29.
Weil, Max, assignee: *See*—
Baker, George A.
Weill, Milton, New York, N. Y. Jewelry box. 162,364, Mar. 6.
Weill, Milton, New York, N. Y. Jewelry box. 163,006, Apr. 17.
Weill, Milton, New York, N. Y., assignor to Arrow Manufacturing Company, Incorporated, West New York, N. J. Watch and jewel chest. 165,350, Dec. 4.
Weiman, Jacob J., Jamaica, N. Y. Combined plant holder and bracket therefor. 161,978, Feb. 13.
Weinberg, Harold A., New York, N. Y. Textile fabric. 163,783, June 26.
Weinberg, Paul, Los Angeles, Calif. Glove holding attachment for handbags or the like. 165,123, Nov. 6.
Weinberg, Ralph H., Philadelphia, Pa. Stocking. 163,836, July 3.
Weinberg, William, assignee: *See*—
Gibbons, Harry.
Weiner, Martin, Passaic County, N. J. Combined clock and desk unit. 164,616, Sept. 18.
Weinreich, Richard E., New York, N. Y. Necklace or similar article. 163,724, June 19.
Weinstein, George, New York, N. Y. Handbag. 161,980, Feb. 13.
Weisberg, Sidney, Stamford, Conn., and H. M. Freydberg, Scarsdale, assignors to Freydberg Bros.-Strauss, Inc., New York, N. Y. Ribbon reel. 163,344, May 15.
Weisbrod, Martin O., Chicago, Ill. Optometric mirror. 161,886, Feb. 6.
Weisbrot, Max A., Chicago, Ill. Serving bottle. 165,499, Dec. 18.
Weiss, Felix, Brookline, Mass. Antenna rotator. 161,979, Feb. 13.
Weiss, Joan, New York, N. Y. Combined bobby pin and perfume holder. 163,662, June 12.
Weissberger, Elaine, Brooklyn, N. Y. Hat. 162,763, Apr 3.
Weissinger, Herbert F., Franklin, and W. B. Kindred, Allen Park, assignors to Kaiser-Frazer Corporation, Willow Run, Mich. Hood ornament. 165,037, Oct. 30.
Weissman, Harry, New Hyde Park, N. Y. Pair of spectacles. 162,603, Mar. 20.
Weissman, Harry, New Hyde Park, N. Y. Spectacle front. 163,429, May 22.
Weissman, Harry, New Hyde Park, N. Y. Spectacle front. 164,341, Aug. 21.
Weissman, Harry, New Hyde Park, N. Y. Spectacle front. 164,392, Aug. 28.
Weissman, Harry, New Hyde Park, N. Y. Spectacle front. 164,539, Sept. 11.
Weissman, Harry, New Hyde Park, N. Y. Brace for a spectacle temple or similar article. 164,889, Oct. 16.
Weissman, Harry, New Hyde Park, N. Y. Spectacle front. 165,314, Nov. 27.
Weissman, Harry, New Hyde Park, N. Y. Spectacle front. 165,315, Nov. 27.
Weiszberg, Emanual, New York, N. Y. Container for a phylactery or similar article. 163,077, Apr. 24.
Weitlauf, Howard, Seattle, Wash. Cub Scout trophy. 164,617, Sept. 18.
Welch Allyn, Inc., assignee: *See*—
Long, Walter K.
Welch, Joe T., Burlington, assignor to Burlington Mills Corporation, Greensboro, N. C. Lady's stocking. 162,365, Mar. 6.
Welch, William W., Sr., Cincinnati, Ohio. Fan stand. 161,887, Feb. 6.
Welden, William A., Stamford, Conn., assignor to Revere Copper and Brass Incorporated, Rome, N. Y. Teakettle. 163,725, June 19.
Welk, Lawrence, River Forest, Ill. Lunch box. 164,658, Sept. 25.
Wellco Shoe Corporation, assignee: *See*—
Leslie, Leo.
Wells, Horace P., South Bend, Ind. Carving board. 162,101, Feb. 20
Wendell, Jack J., Burbank, Calif. Child's compartmented feeding dish. 162,102, Feb. 20.
Wendell, Jack J., Burbank, Calif. Child's compartmented feeding dish. 164,077, July 24.
Wendt, Robert H., Evanston, Ill. Inflatable toy horse. 165,202, Nov. 13.
Wenter, Julius, New York, N. Y. Combined comb and hair curler. 162,912, Apr. 10.
Werman, A., & Sons, Inc., assignee: *See*—
Hoffenberg, Isidor.
Werner, Oscar F., San Bruno, Calif. Container and dispenser for book matches. 163,919, July 10.
Wesley, Robert O., assignor to Daisy Manufacturing Company, Plymouth, Mich. Target. 162,499, Mar. 13.
Wesley, Robert O., assignor to Daisy Manufacturing Company, Plymouth, Mich. Target. 162,500, Mar. 13.
West Bend Aluminum Co., assignee: *See*—
Finch, Leonard E.
Painter, David L.
West Disinfecting Company, assignee: *See*—
Rich, Hyman R.
West, Hattie L., Shreveport, La. Hobbyhorse. 164,749, Oct. 2.
Westerberg, Lawrence A., assignee: *See*—
Birse, George S.
Carpenter, Harry L.
Western Electric Company, Incorporated, assignee: *See*—
Henning, George E.
Western Newell Mfg. Co., assignee: *See*—
Soderstrom, Wesley.
Western Stove Co., Inc., assignee: *See*—
Honer, Henry.

Westernacher, Fritz, New York, N. Y. Merchandise display stand or similar article. 162,764, Apr. 3.
Westernacher, Fritz, New York, N. Y. Display stand or similar article. 162,913, Apr. 10.
Westernacher, Fritz, New York, N. Y. Display stand or similar article. 162,914, Apr. 10.
Westernacher, Fritz, New York, N. Y. Merchandise display stand or similar article. 163,007, Apr. 17.
Westernacher, Fritz, New York, N. Y. Merchandise display stand or similar article. 163,153, May 1.
Westernacher, Fritz, New York, N. Y. Merchandise display stand or similar article. 163,154, May 1.
Westfield Manufacturing Company, The, assignee: *See*— Day, John F., and Maschin.
Westinghouse Electric Corporation, assignee: *See*— Baker, Benjamin P., and Leeds.
Baker, Benjamin P., Leeds, and Izzi.
Florschutz, Fritz E., Aspey, and Izzi.
Müller-Munk, Peter.
Westmore, Ernest H., North Hollywood, Calif. Manicurist's hand rest. 161,667, Jan. 16.
Westmore, Ernest H., North Hollywood, Calif. Foot holder. 163,430, May 22.
Westmore, Ernest H., North Hollywood, Calif. Toothbrush holder. 163,431, May 22.
Westmore, Ernest H., North Hollywood, Calif. Hair holder. 165,124, Nov. 6.
Westwood Mfg Co., assignee: *See*— Crain, Owen R.
Wheeler, Charles L., Salt Lake City, Utah, assignor to The Peck, Stow & Wilcox Company, Southington, Conn. Display stand. 165,255, Nov. 20.
White, Allan T., East Palestine, and A. D. Bulone, Cleveland, assignors to Fitzpatrick Industries, Inc., East Palestine, Ohio. Figurine or the like. 161,981, Feb. 13.
White, Allan T., East Palestine, and A. D. Bulone, Cleveland, assignors to Fitzpatrick Industries, Inc., East Palestine, Ohio. Figurine or the like. 161,982, Feb. 13.
White, Charles D., Monroe, Wis. Combined wall ornament and mirror. 164,393, Aug. 28.
White, Clarence J., Peoria, Ill. Floral rack. 165,125, Nov. 6.
White, Constance R., Beverly Hills, Calif. Toy figurine or similar article. 164,463, Sept. 4.
White, David, Company, assignee: *See*— Graef, John N.
White, David L., deceased, Miami, Fla.; R. L. White, administratrix of said D. L. White. Bird drinking fountain. 164,213, Aug. 7.
White, Donald G., Vancouver, British Columbia, Canada. Coin-controlled lock. 162,501, Mar. 13.
White, Loretta B., Evanston, Ill. Combination spectacle and coin case. 163,078, Apr. 24.
White Motor Company, The, assignee: *See*— Harris, Bert C.
White, Paul W., New Haven, Conn. Buckle. 161,560, Jan. 2.
White, Paul W., New Haven, Conn., assignor to Parva Products Company, Chicago, Ill. Buckle frame. 164,750, Oct. 2.
White, Ruth L., administratrix: *See*— White, David L.
White, Virginia A., Dallas, Tex. Lipstick tray. 165,565, Dec. 25.
White Castle System, Inc., assignee: *See*— Snapp, Otto L., and High.
Whitehouse, John R.: *See*— Vaisey, Harold C., and Whitehouse.
Whitesons, Inc., assignee: *See*— Hayward, Josephine.
Whitmore, Harland W., Kenosha, Wis., assignor to Motor Products Corporation, Detroit, Mich. Home freezer cabinet. 163,079, Apr. 24.
Whitney, Minna R., Middleburg, Va. Hobby horse or similar article. 163,155, May 1.
Whittaker, William A., Dobbs Ferry, N. Y. Ball. 162,264, Feb. 27.
Whittier, Wilmot L., Los Angeles, assignor to Douglas Aircraft Company, Inc., Santa Monica, Calif. Pilot's clip board. 164,269, Aug. 14.
Wickersham, Max L., Independence, Kans. Burial vault. 161,561, Jan. 2.
Wickes Bros., assignee: *See*— Kendall, George A., and Chriscaden.
Wide Vision Optics Inc., assignee: *See*— Del Riccio, Lorenzo.
Wiehe, Theodore E., Miami, Okla. House identification sign. 164,214, Aug. 7.
Wiesen, Alex, assignor to Marcus & Wiesen, Inc., New York, N. Y. Insert for a box. 162,915, Apr. 10.
Wiethoff, Oscar J., Hollywood, Calif. Table frame. 162,604, Mar. 20.
Wiggin, Daniel W., assignor to Leather Products, Inc., Boston, Mass. Handbag. 163,726, June 19.
Wiggins, Tessie, New Rochelle, N. Y. Emblem. 163,345, May 15.
Wiggins, Walter, Jr., Beaver Heights, Md. Marine vessel. 163,663, June 12.
Wiggins, Walter, Jr., Beaver Heights, Md. Aircraft carrier. 164,270, Aug. 14.
Wiggins, Walter, Jr., Beaver Heights, Md. Tug boat. 164,394, Aug. 28.
Wiggins, Walter, Jr., Beaver Heights, Md. Cabin cruiser. 165,126, Nov. 6.
Wiggins, Walter, Jr., Kenilworth, Md. Submarine. 162,267, Feb. 27.
Wiggins, Walter, Jr., Washington, D. C. Ship. 162,265, Feb. 27.
Wiggins, Walter, Jr., Washington, D. C. Motor boat. 162,266, Feb. 27.
Wiginton, Emma, Hammond, La. Doll. 163,432, May 22.
Wilcher, Abrasha, assignor to M. J. and S. Z. Gorden and N. G. Stone, doing business as Manchester Hosiery Mills, Manchester, N. H. Lady's stocking. 163,502, May 29.
Wilcher, Abrasha, assignor to M. J. and S. Z. Gordon and N. G. Stone, doing business as Manchester Hosiery Mills, Manchester, N. H. Lady's stocking. 163,503, May 29.
Wilkens, Samuel, East Rockaway, N. Y. Bicycle or similar article. 161,983, Feb. 13.
Wilkin, Lewis G., Cincinnati, Ohio. Parking lot meter. 161,888, Feb. 6.
Willert, August W., Jr.: *See*— Irwin, George C., and Willert.
Williams, Arthur P., St. Louis, Mo. Infant's shoe. 161,889, Feb. 6.
Williams, Betty A., Chicago, Ill. Bathing cap. 164,342, Aug. 21.
Williams, Betty A., Chicago, Ill. Bathing cap. 164,751, Oct. 2.
Williams, Betty A., Chicago, Ill. Bathing cap. 164,752, Oct. 2.
Williams, Betty A., Chicago, Ill. Bathing cap. 164,753, Oct. 2.
Williams, Elizabeth J., Westchester, Ill. Corner lamp. 164,395, Aug. 28.
Williams, Harry E., Chicago, Ill. Baseball game table or the like. 161,562, Jan. 2.
Williams Manufacturing Company, assignee: *See*— Collins, Edward J.
Williams, Oliver H., assignor to Industrial Lamp Corporation, Elkhart, Ind. Combined desk lamp and clock. 163,233, May 8.
Williams, Ralph E.: *See*— Miller, Warren P. and N. R., and Williams.
Williams, Robert G., Oakland, Calif., assignor to M. L. Sturm, doing business as Milton Sturm & Company, Chicago, Ill. Combined door handle and bracket. 163,548, June 5.
Williams, Rollin H., Chicago, Ill. Headlight diffusing shield. 163,433, May 22.
Williams, Willis E., Shelbyville, Ind., assignor to Chambers Corporation. Thumb latch key for a gas safety valve. 165,351, Dec. 4.
Willis, Elizabeth M., Wheaton, Ill. Tree decorating frame. 163,434, May 22.
Willis, Sumner C., White Plains, and L. W. Brulin, New York, N. Y., assignors to American Seating Company, Grand Rapids, Mich. Combined chair and desk. 161,809, Jan. 30.
Willson, Alfred B., East Hartford, Conn. Poultry and livestock inoculator or similar article. 163,008, Apr. 17.
Willson Products, Inc., assignee: *See*— Auchter, Joseph.
Wilson Athletic Goods Mfg. Co., Inc., assignee: *See*— Behrendt, Medard A.
Wilson, Edward F., assignor to The Rock-Et Tool Company, Fairfield, Conn. Card punch. 163,664, June 12.
Wilson, John W., assignor to Lincoln National Furniture Company, Chicago, Ill. Combined radio, phonograph, and table. 163,234, May 8.
Wilson Jones Company, assignee: *See*— Marano, Herbert W.
Wilson, Kathleen M., Oakland, Calif. Rosary. 162,103, Feb. 20.
Wilson, Kenneth R., Rock Lake Highlands, Wis. Button gauge. 163,549, June 5.
Wilson, Lawrence H., Detroit, assignor to Motor Wheel Corporation, Lansing, Mich. Cabinet for a heater or the like. 162,268, Feb. 27.
Wilson, Lawrence H., Detroit, assignor to Motor Wheel Corporation, Lansing, Mich. Cabinet for a heater or the like. 163,235, May 8.
Wilson, William Y., Western Springs, Ill. Drinking glass. 163,080, Apr. 24.
Wimberly, Herbert, Baton Rouge, La. Automobile emblem plate or similar article. 161,668, Jan. 16.
Winchester Electronics, Incorporated, assignee: *See*— Burtt, Horatio H., Koenig, and Gilbert.
De Tar, Donald R.
Windhorst, Pearl R., Oakland, Calif., assignor to American Seating Company, Grand Rapids, Mich. Combination chalkboard and eraser rail or similar article. 165,038, Oct. 30.
Wine Corporation of America, assignee: *See*— Markus, Henry A.
Winebrenner, Charles E., Garrett, Ind. Fluorescent lamp fixture. 163,665, June 12.
Winkelmannn, R. E., assignee: *See*— Reifsteck, Francis.
Winkitty Products, Inc., assignee: *See*— Simms, Leo G.
Winslow, Richard H., and H. E. Marsh, Reseda, Calif. Map holder. 163,550, June 5.
Winters & Crampton Corporation, assignee: *See*— Stewart, Donald E.
Wirklich, Abraham, New York, N. Y. Handbag ornament. 165,203, Nov. 13.

Wirklich, Abraham, New York, N. Y. Handbag ornament. 165,204, Nov. 13.
Wirt & Knox Mfg. Co., assignee: *See*—
Becker, Nathaniel.
Wisconsin Tissue Mills, assignee: *See*—
Taylor, Milford J.
Wiseman, Robert T., Canton, Ohio. Shoe or similar article. 163,009, Apr. 17.
Wiseman, Robert T., Canton, Ohio. Evening slipper. 163,010, Apr. 17.
Wishengrad, Hyman R., Mount Vernon, N. Y. Bracelet. 164,343, Aug. 21.
Wishnick, Milton W., Oak Park, Ill. Combination food merchandising container and cooking utensil. 163,011, Apr. 17.
Wisteria Hosiery Mills, Inc., assignee: *See*—
Florsheim, Harry A.
Withington, Lothrop, Jr.: *See*—
Batchelder, Charles F., Jr.
Witkin, Daniel W., Port Washington, N. Y. Metal molding strip or similar article. 161,723, Jan. 23.
Wittel, Otto, and F. G. Knowles, assignors to Eastman Kodak Company, Rochester, N. Y. Motion-picture camera. 161,984, Feb. 13.
Wittie, William W., Chicago, Ill. Electric space heater. 162,916, Apr. 10.
Wittke, Kurt H., Berkley, Mich. Combination radio phonograph. 162,269, Feb. 27.
Wlach, Klári M.: *See*—
Maxwell, Paul M., and Wlach.
Wockenfuss, William, Union, N. J., assignor to Control Instrument Company, Inc., Brooklyn, N. Y. Card analyzing unit. 163,784, June 26.
Wohl, Harry, assignor to Cory Corporation, Chicago, Ill. Vacuum coffee maker. 162,765, Apr. 3.
Wolf, William, assignor to Quaker Lace Company, Philadelphia, Pa. Lace tablecloth. 162,104, Feb. 20.
Wolf, William, assignor to Quaker Lace Company, Philadelphia, Pa. Lace tablecloth. 162,105, Feb. 20.
Wolfe, Harold J., and D. O. Crawford, Seattle, Wash. Dehumidifier. 164,833, Oct. 9.
Wolff, Mortimer M., Atlantic City, N. J. Vegetable slicer. 162,106, Feb. 20.
Wolff, Saul K., Long Beach, N. Y. Hanging wall shelf or similar article. 162,270, Feb. 27.
Wolfson, Joseph R.: *See*—
Kevorkian, Joseph D., and Wolfson.
Wolk, Michael S., assignee: *See*—
Miles, John R.
Wollensak Optical Company, assignee: *See*—
Springer, Edward A., and Czarnikow.
Wong, Esther V., Jamaica, N. Y. Stuffed pig toy puppet. 164,973, Oct. 23.
Wood, Edward L., Detroit, Mich. Safety automobile headlight lens shield. 162,366, Mar. 6.
Wood, Kenneth A., South Euclid, Ohio, assignor to Bailey Meter Company. Control instrument. 165,352, Dec. 4.
Wood, Kenneth A., South Euclid, and M. Panich, Willoughby, Ohio, assignors to Bailey Meter Company. Control instrument. 165,353, Dec. 4.
Woodrow, Charles N., assignor to Holiday Hosiery Mills, Inc., York, Pa. Stocking. 162,917, Apr. 10.
Woodworth, John A., Los Angeles, Calif. Telescopic towel rack or similar article. 161,985, Feb. 13.
Woofter, Cecil B., assignor to Brown & Bigelow, St. Paul, Minn. Thermometer. 162,107, Feb. 20.
Woofter, Cecil B., assignor to Brown & Bigelow, St. Paul, Minn. Perpetual calendar. 162,367, Mar. 6.
Woofter, Cecil B., assignor to Brown & Bigelow, St. Paul, Minn. Combination desk cigarette container and lighter. 162,368, Mar. 6.
Woofter, Cecil B., assignor to Brown & Bigelow, St. Paul, Minn. Desk calendar support. 164,834, Oct. 9.
Woofter, Cecil B., assignor to Brown & Bigelow, St. Paul, Minn. Desk calendar support. 164,835, Oct. 9.
Woofter, Cecil B., assignor to Brown & Bigelow, St. Paul, Minn. Cigarette lighter. 164,974, Oct. 23.
Wooster Rubber Company, The, assignee: *See*—
Caldwell, James R.
Worden, Earl T., Baltimore, Md. Birdhouse. 163,666, June 12.
Worsley, Harry F., Washington, D. C. Linotype cartridge stand. 161,986, Feb. 13.
Wottring, Lee R., Altadena, Calif. Stereoscopic projector. 163,504, May 29.
Wrablica, Paul, Jr., Corona, assignor to Shor's Catering Corporation, Rockville Centre, N. Y. Roadside restaurant or the like. 162,369, Mar. 6.
Wray, Victor C., assignor to Ranilom, Inc., Los Angeles, Calif. Holder for lipsticks or the like. 162,766, Apr. 3.
Wright-Batchelder Corporation, assignee: *See*—
Batchelder, Charles F., Jr.
Wright, Clyde E.: *See*—
Ingwer, Carl H., and Wright.
Wright, Clyde E., Elyria, Ohio. Combined stock and die unit. 165,205, Nov. 13.
Wright, Donald C.: *See*—
Strickler, John F., Jr., and Wright.
Wright, James B., Philadelphia, Pa. Spectacle frame or similar article. 164,145, July 31.
Wright, James B., Philadelphia, Pa. Frame for sunglasses or similar articles. 164,146, July 31.
Wright, Karl T., Cuyahoga Falls, Ohio. Window shelf or similar article. 164,464, Sept. 4.
Wright, Russel, New York, N. Y. Teapot. 161,603, Jan. 9.
Wright, Russel, New York, N. Y. Coffee urn. 161,604, Jan. 9.
Wright, Russel, New York, N. Y. Sugar bowl. 161,605, Jan. 9.
Wright, Russel, New York, N. Y. Pitcher. 162,271, Feb. 27.
Wright, Russel, New York, N. Y. Creamer. 163,667, June 12.
Wright, Russel, New York, N. Y. Creamer. 164,344, Aug. 21.
Wurzlow, Olga L., Houma, La. Bouquet holder. 163,505, May 29.
Wyatt, Raymond A., Detroit, Mich. Refrigerator. 163,983, July 17.
Yaggi, Lawrence W., Mishawaka, Ind., assignor to United States Rubber Company, New York, N. Y. Shoe sole. 163,012, Apr. 17.
Yale Belt Corp., assignee: *See*—
Krasnow, Bernard.
Yandell, Anne, New York, N. Y. Slipper or similar article. 164,754, Oct. 2.
Yankee, Hazel R., and L. M. Faulconer, Independence, Mo. Decorative plate or similar article. 162,701, Mar. 27.
Yarbrough, Edward M., and J. T. Macken, Minneapolis, assignors to The Microtone Company, Inc., St. Paul, Minn. Hearing aid. 161,987, Feb. 13.
Yates, Cyril J., assignor to Tri-State Plastic Molding Co., Henderson, Ky. Crisper. 163,346, May 15.
Yates, Cyril J., assignor to Tri-State Plastic Molding Co., Henderson, Ky. Refrigerator container or the like. 163,668, June 12.
Yates, Cyril J., assignor to Tri-State Plastic Molding Co., Henderson, Ky. Crisper. 164,540, Sept. 11.
Yecko, Albert S., and R. H. Fitzgerald, Pittsburgh, Pa. Bowl. 164,659, Sept. 25.
Yecko, Albert S., and R. H. Fitzgerald, Pittsburgh, Pa. Drinking cup. 165,566, Dec. 25.
Yellin, Bernard, Chicago, Ill. Combined plant receptacle and support. 162,272, Feb. 27.
Yellin, Bernard, Chicago, Ill. Combined plant receptacle and support. 163,727, June 19.
Yellin, Bernard, Chicago, Ill. Box. 165,256, Nov. 20.
Yellin, Morris, assignor to Bernard Edward Co., Chicago, Ill. Bird cage. 165,567, Dec. 25.
Yett, Samuel L., Barre, Vt. Attachment for garment hanger. 162,702, Mar. 27.
Yohpe, Reinhard A., assignor to Union Steam Pump Company, Battle Creek, Mich. Homogenizer. 165,500, Dec. 18.
Youker, Mildred D.: *See*—
Long, Harry G., and Youker.
Youmans, Grace A., Greenwich, Conn. Finger ring. 165,316, Nov. 27.
Young, Philip E., Arcadia, Calif., assignor to George S. Bailey Hat Co. Cap. 165,039, Oct. 30.
Young, Stephen A., Delphi, Ind. Canopy flange for valves. 162,273, Feb. 27.
Young, Stephen A., Delphi, Ind. Canopy flange. 163,236, May 8.
Young, Stephen A., Delphi, Ind. Sink faucet shell. 164,078, July 24.
Young, Stephen A., Delphi, Ind. Shower and tub diverter valve handle. 164,541, Sept. 11.
Young, Stephen A., Delphi, Ind. Faucet handle. 165,040, Oct. 30.
Young, Stephen A., Delphi, Ind. Faucet handle. 165,041, Oct. 30.
Youngerman, William H., assignor to Merchants Sales Corp., Chicago, Ill. Corn tray. 163,728, June 19.
Younghusband, James L., Chicago, Ill., assignor to Les Parfums de Dana, Inc., New York, N. Y. Perfume box. 164,755, Oct. 2.
Youngstown Manufacturing, Inc., assignee: *See*—
Gebhard, Paul C.
Youngworth, Bernard, Baltimore, Md. Fence post top ornament. 162,274, Feb. 27.
Youngworth, Bernard, Baltimore, Md. Fence post top ornament. 162,275, Feb. 27.
Youngworth, Bernard, Baltimore, Md. Gate top ornament. 162,918, Apr. 10.
Yuchtmann, Robert A., Fairmont, W. Va. Goblet. 164,618, Sept. 18.
Yutzey, Marvin G., assignor to Fostoria Glass Company, Moundsville, W. Va. Footed creamer. 163,435, May 22.
Yutzey, Marvin G., assignor to Fostoria Glass Company, Moundsville, W. Va. Footed goblet. 164,345, Aug. 21.
Zaccardo, Gilbert V.: *See*—
Janes, Arthur B., and Zaccardo.
Zadikoff, Henry W.: *See*—
Mercer, Norman J., and Zadikoff.
Zahn, Lawrence H., Mountainside, assignor to Ciba Pharmaceutical Products, Incorporated, Summit, N. J. Nebulizer. 164,542, Sept. 11.
Zapol, Bernard, Brooklyn, N. Y. Combined dial and hands for a watch or similar article. 163,729, June 19.
Zarling, George C., Jackson, Wis. Milk can cover rack. 163,156, May 1.
Zavell, Arnold, assignor to The Fabricmart Corporation, New York, N. Y. Textile fabric. 162,605, Mar. 20.
Zaydman, Adam, New York, N. Y. Combined perfume bottle and stand. 161,563, Jan. 2.

Zeeven, Evert, New York, N. Y. Deck of playing cards. 165,501, Dec. 18.
Zeinfeld, Louis, assignee: *See*—
Gibbons, Harry.
Zeisel, Eva S., New York, N. Y., assignor to United China and Glass Co., New Orleans, La. Covered casserole. 164,660, Sept. 25.
Zeisel, Eva S., New York, N. Y., assignor to United China and Glass Co., New Orleans, La. Sugar bowl. 164,661, Sept. 25.
Zeisel, Eva S., New York, N. Y., assignor to United China and Glass Co., New Orleans, La. Platter. 164,890, Oct. 16.
Zeisel, Eva S., New York, N. Y., assignor to United China and Glass Co., New Orleans, La. Creamer. 165,042, Oct. 30.
Zeller, Herbert J., assignor to Motorola, Inc., Chicago, Ill. Combination radio receiver and clock. 162,606, Mar. 20.
Zeman, Charles J., Kalamazoo, Mich. Extendable and portable bar. 163,013, Apr. 17.
Zemmer, Franklin C., Kansas City, Mo. Spiritual cross pulpit. 162,276, Feb. 27.
Zenith Radio Corporation, assignee: *See*—
Budlong, Robert D.
Zimmer, Abraham I., Fairfield, Conn. Necktie rack. 164,396, Aug. 28.
Zimmer, George H., Jr., assignor to Robbins & Myers, Inc., Springfield, Ohio. Motor-driven pump. 162,502, Mar. 13.
Zimmer, Harry R., Los Angeles, Calif. Radon generator. 161,564, Jan. 2.
Zimmerman, Edward C.: *See*—
Arenberg, Albert L., and Zimmerman.
Zimmerman, Jay V., assignee: *See*—
Grossman, Harold.
Zimmermann, Willy E., assignor to Standard Cap and Seal Corporation, Chicago, Ill. Bottle capping machine. 162,919, Apr. 10.
Ziperstein, Allen, Maywood, and H. Keck, assignors of one-third to W. Tessler, Chicago, Ill. Liquid dispensing device. 164,147, July 31.
Zippo Manufacturing Company, assignee: *See*—
Stahl, Gerald.
Zito, George V.: *See*—
Polye, William R., and Zito.
Zonne, Phillip W., assignor to American Electronic Mfg. Inc., Los Angeles, Calif. Portable device for vaporizing sterilizing solutions. 161,669, Jan. 23.
Zoss, Samuel R., Youngstown, Ohio. Stand for Hanukkah lights. 165,127, Nov. 6.
Zucker, Armand S., assignor to Mitchell Manufacturing Company, Chicago, Ill. Combination radio and clock. 165,354, Dec. 4.
Zwierzynski, Alex: *See*—
Abel, Jacob, and Zwierzynski.
Zylberberg, Herszel: *See*—
Bochner, Abe A., and Zylberberg.

1951

LIST OF PLANT PATENTEES

Anderson, Frederic W., Merced, Calif. Nectarine tree. 1,035, Sept. 11.

Armstrong, John S., assignor to Armstrong Nurseries, Inc., Ontario, Calif. Eugenia plant. 1,037, Sept. 18.

Armstrong Nurseries, Inc., assignee: *See*—
Armstrong, John S.
Swim, Herbert C.

Axell, Frederick H., Mountain View, assignor to J. A. Axell & Company, San Francisco, Calif. Rose plant. 1,007, Mar. 13.

Axell, J. A., & Company, assignee: *See*—
Axell, Frederick H.

Boerner, Eugene S., assignor to Jackson & Perkins Company, Newark, N. Y. Rose plant. 1,010. Apr. 3.

Boerner, Eugene S., assignor to Jackson & Perkins Company, Newark, N. Y. Rose plant. 1,011, Apr. 3.

Boerner, Eugene S., assignor to Jackson & Perkins Company, Newark, N. Y. Rose plant. 1,018, June 19.

Boerner, Eugene S., assignor to Jackson & Perkins Company, Newark, N. Y. Rose plant. 1,024, Aug. 7.

Boerner, Eugene S., assignor to Jackson & Perkins Company, Newark, N. Y. Rose plant. 1,025, Aug. 7.

Boerner, Eugene S., assignor to Jackson & Perkins Company, Newark, N. Y. Rose plant. 1,026, Aug. 7.

Boerner, Eugene S., assignor to Jackson & Perkins Company, Newark, N. Y. Rose plant. 1,027, Aug. 7.

Boerner, Eugene S., assignor to Jackson & Perkins Company, Newark, N. Y. Rose plant. 1,039, Sept. 25.

Boerner, Eugene S., assignor to Jackson & Perkins Company, Newark, N. Y. Rose plant. 1,040, Sept. 25.

Boerner, Eugene S., assignor to Jackson & Perkins Company, Newark, N. Y. Rose plant. 1,056, Dec. 25.

Boerner, Eugene S., assignor to Jackson & Perkins Company, Newark, N. Y. Rose plant. 1,057, Dec. 25.

Bourne, Percy M., assignor to Elder Brothers, Inc., Indianapolis, Ind. Rose plant. 1,016, June 12.

Brownell, Josephine D., Little Compton, R. I. Rose plant. 1,003, Feb. 13.

Brownell, Josephine D., Little Compton, R. I. Rose plant. 1,015, June 5.

Burbank, Elizabeth W., Executrix: *See*—
Burbank, Luther.

Burbank, Luther, deceased, late of Santa Rosa, Calif., by E. W. Burbank, Executrix, Santa Rosa, Calif., assignor to Stark Bro.'s Nurseries and Orchards Company, Louisiana, Mo. Plum tree. 1,041, Sept. 25.

California Research Corporation, assignee: *See*—
Stewart, William T., and Clayton.

Conard-Pyle Company, The, assignee: *See*—
De Vink, John.
Meilland, Francis.
Poulsen, Svend.

Cook, Marvin A., Tipp City, Ohio. Pear tree. 1,044, Oct. 9.

De Ruiter, Gerrit, Hazerswoude, Netherlands, assignor to Jackson & Perkins Company, Newark, N. Y. Rose plant. 1,045, Oct. 23.

De Ruiter, Gerrit, Hazerswoude, Netherlands, assignor to Jackson & Perkins Company, Newark, N. Y. Rose plant. 1,058, Dec. 25.

De Vink, John, Boskoop, Netherlands, assignor to The Conrad-Pyle Company, West Grove, Pa. Rose plant. 1,032, Aug. 21.

De Vink, John, Boskoop, Netherlands, assignor to The Conard-Pyle Company, West Grove, Pa. Rose plant. 1,051, Dec. 11.

Ecke, Paul, Encinitas, Calif. Poinsettia plant. 1,052, Dec. 11.

Ecke, Paul, Encinitas, Calif. Poinsettia plant. 1,055, Dec. 18.

Elder Brothers, Inc., assignee: *See*—
Bourne, Percy M.

Elmer, Constance A., San Gabriel, assignor to Germain's Inc., Van Nuys, Calif. Rose plant. 1,002, Jan. 30.

Felten, Oscar E., East Merchantville, N. J. Strawberry plant. 1,005, Feb. 27.

Felten, Oscar E., East Merchantville, N. J. Strawberry plant. 1,033, Aug. 28.

Gaujard, Jean, Feyzin, France, assignor to Jackson & Perkins Company, Newark, N. Y. Rose plant. 1,017, June 12.

Germain's Inc., assignee: *See*—
Elmer, Constance A.
Whisler, Milton L.

Grillo, Nicholas, Milldale, Conn. Hybrid tea rose plant. 1,013, June 5.

Grillo, Nicholas, Milldale, Conn. Hybrid tea rose plant. 1,043, Oct. 2.

Grillo, Nicholas, Milldale, Conn. Hybrid tea rose plant. 1,049, Dec. 4.

Hahn, Louis, & Son, assignee: *See*—
Hahn, Walter S.

Hahn, Walter S., assignor to Louis Hahn & Son, Pittsburgh, Pa. Ivy plant. 1,046, Oct. 30.

Hall, Madelene A., West Gravenhurst, Ontario, Canada, assignor to Jackson & Perkins Company, Newark, N. Y. Veronica plant. 1,034, Aug. 28.

Howard, Arthur P., Sierra Madre, assignor to Howard & Smith, Montebello, Calif. Rose plant. 1,047, Oct. 30.

Howard, Fred H., deceased, by M. J. Howard, executrix, assignor to Howard & Smith, Montebello, Calif. Rose plant. 1,006, Feb. 27.

Howard, Minnie J., executrix: *See*—
Howard, Fred H.

Howard, Paul J., assignor to Paul J. Howard California Flowerland, Los Angeles, Calif. Rose plant. 1,004, Feb. 13.

Howard, Paul J., assignor to Paul J. Howard California Flowerland, Los Angeles, Calif. Rose plant. 1,009, Mar. 20.

Howard, Paul J., California Flowerland, assignee: *See*—
Howard, Paul J.

Howard & Smith, assignee: *See*—
Howard, Arthur P.
Howard, Fred H.

Inter-State Nurseries, assignee: *See*—
Moore, David A.

Jackson & Perkins Company, assignee: *See*—
Boerner, Eugene S.
De Ruiter, Gerrit.
Gaujard, Jean.
Hall, Madelene A.
Kordes, Wilhelm.
Robinson, Herbert.
Verschuren, Hendrikus A. M.

Kellogg, R. M., Company, The, assignee: *See*—
Prushek, Emil.

Kordes, Wilhelm, Holstein, Germany, assignor to Jackson & Perkins Company, Newark, N. Y. Rose plant. 1,036, Sept. 18.

Meilland, Francis, Cap Azura, Cap d'Antibes, France, assignor to The Conard-Pyle Company, West Grove, Pa. Rose plant. 1,001, Jan. 16.

Moore, David A., Grand Junction, Colo., assignor to Inter-State Nurseries, Hamburg, Iowa. Apricot tree. 1,053, Dec. 18.

Newberry, Frank A., Port Angeles, Wash. Berry plant. 1,031, Aug. 21.

Poulsen, Svend, Copenhagen, Denmark, assignor to The Conard-Pyle Company, West Grove, Pa. Rose plant. 1,050, Dec. 11.

Prushek, Emil, Niles, assignor to The R. M. Kellogg Company, Three Rivers, Mich. Chrysanthemum plant. 1,020, July 3.

Robinson, Herbert, Burbage, Hinckley, England, assignor to Jackson & Perkins Company, Newark, N. Y. Rose plant. 1,012, May 22.

Shamburger, Paul, Tyler, Tex. Rose plant. 1,054, Dec. 18.

Smith, Henry F., Dover, Ark., assignor to Stark Bro's Nurseries and Orchards Company, Louisiana, Mo. Peach tree. 1,021, July 10.

Spanbauer, Frank, Decatur, Ill. Rose plant. 1,048, Nov. 13.

Stark Bro's Nurseries and Orchards Company, assignee: *See*—
Burbank, Luther.
Smith, Henry F.

Swim, Herbert C., assignor to Armstrong Nurseries, Inc., Ontario, Calif. Berry plant. 1,008, Mar. 20.

Swim, Herbert C., assignor to Armstrong Nurseries, Inc., Ontario, Calif. Combined ornamental and fruiting peach tree. 1,022, July 24.

Swim, Herbert C., assignor to Armstrong Nurseries, Inc., Ontario, Calif. Nectarine plant. 1,023, July 24.

Swim, Herbert C., assignor to Armstrong Nurseries, Inc., Ontario, Calif. Rose plant. 1,028, Aug. 7.

Swim, Herbert C., assignor to Armstrong Nurseries, Inc., Ontario, Calif. Rose plant. 1,029, Aug. 7.
Swim, Herbert C., assignor to Armstrong Nurseries, Inc., Ontario, Calif. Rose plant. 1,030, Aug. 7.
Totty, Charles H., Company, assignee: *See*— Verschuren, Hens A.
Veca, Antonino, Pico, Calif. Azalea plant. 1,014, June 5.
Verschuren, Hendrikus A. M., Haps, Netherlands, assignor to Jackson & Perkins Company, Newark, N. Y. Rose plant. 1,038, Sept. 18.
Verschuren, Hens A., deceased, by M. T. A. Verschuren, legal representative, Haps, Netherlands, assignor, by mesne assignments, to Charles H. Totty Company, Madison, N. J. Rose plant. 1,019, July 3.
Verschuren, Maria T. A., legal representative: *See*— Verschuren, Hens A.
Whisler, Milton L., assignor to Germain's, Inc., Van Nuys, Calif. Rose plant. 1,042. Oct. 2.

1951

LIST OF ABSTRACTS OF APPLICATIONS

Aagaard, Leif, Plainfield, N. J., assignor to National Lead Company, New York, N. Y. Production of metallic titanium. Ser. No. 129,305, published Aug. 14, 1951.

Addressograph-Multigraph Corporation, assignee: *See*—
Van Dusen, Charles H., Jr.

Agriculture, United States of America as represented by the Secretary of, assignee: *See*—
Couch, James F., and Krewson.
Mast, William C., Rehberg, and Fisher.
Porges, Nandor, Bloch, and King.
Swern, Daniel, and Billen.
Williamson, Robert V., Clark, Naffziger, and Lathrop.

Albert, Harry E.: *See*—
Smith, George E. P., Jr., and Albert.

Allen, Horace C., and C. C. Martinelli, Princeton, N. J., assignors to Radio Corporation of America. Gain control for radar receivers. Ser. No. 585,414, published May 22, 1951.

Allen, James S., Chicago, Ill., assignor, by mesne assignments, to the United States of America as represented by the Secretary of War. Electrical apparatus. Ser. No. 666,025, published Aug. 21, 1951.

Allis-Chalmers Manufacturing Company, assignee: *See*—
Wurgler, John, and Kohlhepp.

American Steel Foundries, assignee: *See*—
Leisk, Roland T.

Ampex Electric Corporation, assignee: *See*—
Lindsay, Harold W.

Angst, Gustave, Lynn Mass., assignor to General Electric Company. Dynamoelectric machine. Ser. No. 78,934, published Mar. 27, 1951.

Arey, Duane D.: *See*—
Cawl, Allen P., and Arey.

Army, United States of America as represented by the Secretary of the, assignee: *See*—
Schuster, Ludwig K., and Krutzke.

Ashe, Robert W.: *See*—
Pierpoline, Mario F., and Ashe.

Atchison, Leonard W., Erie, Pa., assignor to General Electric Company. Snap action valve. Ser. No. 759,556, published Feb. 13, 1951.

Atlas Powder Company, assignee: *See*—
Griffin, William C.
King, George J.

Atomic Energy Commission, United States of America as represented by the, assignee: *See*—
Benning, Anthony F., and Richards.
Burford, William B., III.
Klaesmann, John A.
McBee, Earl T., and Evans.
Monk, Gaines W.
Schlesinger, Hermann I., and Brown.
Scott, Roy M.
Tufts, Lewis E.
Wisner, Raymond R.
Wohlberg, Cornel.

Bacon, Clare E., Newark, Ohio. Mending tape. Ser. No. 666,651, published Apr. 10, 1951.

Baker, William R.: *See*—
Brobeck, William M., Baker, and Lofgren.

Bansbach, Herbert L., Wynnewood, Pa., and C. L. Sadler, Jr., Rockford, Ill., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Gas turbine apparatus. Ser. No. 40,824, published Sept. 4, 1951.

Barr, Samuel R., Bridgeport, Conn., assignor to General Electric Company. Thermostat. Ser. No. 25,579, published Mar. 27, 1951.

Bartlett, Paul D., Weston, Mass., and S. Siegel, Chicago, Ill. Insect repellents. Ser. No. 70,814, published Jan. 9, 1951.

Bebb, Robert L.: *See*—
Dunbrook, Raymond F., Bebb, and Street.

Becker, Howard I., Vischers Ferry, N. Y., assignor to General Electric Company. Starting and operating circuit for high-pressure gaseous discharge device. Ser. No. 151,616, published Dec. 18, 1951.

Bedford, Alda V., Princeton, N. J., assignor to Radio Corporation of America. Illumination of area surrounding cathode ray tube. Ser. No. 83,652, published Feb. 20, 1951.

Bell Telephone Laboratories, Incorporated, assignee: *See*—
Huber, George H.
Martin, William H.

Bellamy, John I., Brookfield, assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Electromagnetic relays. Ser. No. 687,629, published Nov. 13, 1951.

Benning, Anthony F., Woodstown, N. J., and M. K. Richards, Wilmington, Del., assignors to the United States of America as represented by the United States Atomic Energy Commission. Electrode assemblies. Ser. No. 601,116, published Sept. 4, 1951.

Bentley, William A., Lancaster, Pa., assignor to Radio Corporation of America. Electric wave forming circuits. Ser. No. 721,564, published Mar. 20, 1951.

Bergson, Gustav: *See*—
Grundmann, Gustave L., and Bergson.

Billen, Geraldine N.: *See*—
Swern, Daniel, and Billen.

Blain, Ray, Philadelphia, Pa. Dial telephone unit. Ser. No. 660,383, published Jan. 23, 1951.

Bloch, Thekla K.: *See*—
Porges, Nandor, Bloch, and King.

Boeing Airplane Company, assignee: *See*—
Soderquist, Albert A.

Bottema, Theodore C.: *See*—
King, Alexander S., Jr., and Bottema.

Brobeck, William M., and W. R. Baker, Berkeley, and E. J. Lofgren, Albany, Calif. Electromagnetic accelerator. Ser. No. 196,048, published Jan. 30, 1951.

Brockington, Stanley F.: *See*—
Stivers, Theodore E., Jr., and Brockington.

Bromer, John A: *See*—
Orlansky, Jesse, and Bromer.

Brown, Herbert C.: *See*—
Schlesinger, Hermann I., and Brown.

Browning, Paul M., and D. Wheatley, Fort Worth, Tex., dedicated to the free use of the people in the territory of the United States. Sprig planter. Ser. No. 141,804, published July 17, 1951.

Bruner, Walter M., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Chewing gum compositions. Ser. No. 94,753, published Jan. 2, 1951.

Bryant, William M. D., Holly Oak, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Treating polymeric materials. Ser. No. 691,180, published May 22, 1951.

Bugbee, Charles W., Royal Oak, S. E. Crick, J. R. Gustafson, and T. W. Stephenson, assignors to Ford Motor Company, Dearborn, Mich. Hinge construction. Ser. No. 790,892, published Dec. 4, 1951.

Burford, William B., III, Baltimore, Md., assignor to the United States of America as represented by the United States Atomic Energy Commission. Oil vaporizer. Ser. No. 668,254, published May 29, 1951.

Burke, Richard L., Swarthmore, assignor to Sun Shipbuilding & Dry Dock Company, Chester, Pa. Ship propulsion unit and ship propulsion. Ser. No. 83,116, published Oct. 2, 1951.

Bush, Ralph R., Upper Darby, Pa., and R. Paxton, Pittsfield, Mass., assignors to General Electric Company. Circuit breaker operating means. Ser. No. 613,506, published Jan. 30, 1951.

Caldwell, John R., Kingsport, Tenn. Web fabric of oxidized cellulose. Ser. No. 19,881, published Apr. 24, 1951.

Calumet and Hecla Consolidated Copper Company, assignee: *See*—
Kenny, Herman C.

Cambern, Cecil M., Portland, Oreg., assignor to Phillips Screw Co. Driving tool for screws and the like fastening devices. Ser. No. 688,650, published Sept. 11, 1951.

Cambern, Cecil M., Portland, Oreg., assignor to Phillips Screw Co. Screw driver. Ser. No. 688,651, published Sept. 11, 1951.

Campbell, Donald J., Niagara Falls, N. Y. Wool bleaching. Ser. No. 164,625, published Mar. 6, 1951.

Canada, Alfred H., Schenectady, N. Y., assignor to General Electric Company. Photometer sample cell. Ser. No. 126,645, published Aug. 14, 1951.

Carboloy Company, Inc., assignee: *See*—
Parker, Raymond F.
York, Harold E.

Carson, Clarence M., Cuyahoga Falls, Ohio. Dust-proof garment bag. Ser. No. 762,154, published July 31, 1951.

Cartlidge, Frank, assignor to Goodman Manufacturing Company, Chicago, Ill. Mining apparatus. Ser. No. 137,403, published Aug. 14, 1951.

Castle, Donald H., New Canaan, Conn., assignor to Radio Corporation of America. Photographic test pattern. Ser. No. 694,537, published May 1, 1951.

Cawl, Allen P., Painesville, and D. D. Arey, Cleveland, Ohio, assignors to General Electric Company. Suction cleaner end cap. Ser. No. 112,188, published Dec. 4, 1951.
Cawley, John D., assignor to Eastman Kodak Company, Rochester, N. Y. Vitamin A ethers and preparation. Ser. No. 616,658, published Feb. 6, 1951.
Chalupa, Joseph F., Springfield, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Gas turbine apparatus. Ser. No. 771,343, published Feb. 13, 1951.
Civkin, Victor, Fairfield, Conn., assignor to General Electric Company. Joint structure. Ser. No. 557,796, published Oct. 2, 1951.
Clark, David L., Bridgeport, Conn., assignor to General Electric Company. Electric dressing table. Ser. No. 774,717, published Nov. 27, 1951.
Clark, Frank M., Pittsfield, Mass., assignor to General Electric Company. Stabilized electric capacitors. Ser. No. 775,782, published Jan. 30, 1951.
Clark, Hugh K., Staunton, Va., J. D. Kraus, Newton Center, and W. D. McGuigan, Cambridge, Mass., assignors to the United States of America as represented by the Secretary of War. Electrical apparatus. Ser. No. 668,198, published Jan. 16, 1951.
Clark, Thomas F.: *See*—
Williamson, Robert V., Clark, Naffziger, and Lathrop.
Clarke, Robert A., Elmhurst, Ill., assignor to Wilson & Co., Inc. Drying gelatin. Ser. No. 792,801, published Feb. 6, 1951.
Cohee, Rolland F., Jr., Wheaton, Ill., assignor to Corn Products Refining Company, New York, N. Y. Treating foods. Ser. No. 174,793, published Sept. 18, 1951.
Communication Engineering Pty. Limited, assignee: *See*—
Stewart, James C.
Corn Products Refining Company, assignee: *See*—
Cohee, Rolland F., Jr.
Couch, James F., Glenside, and C. F. Krewson, Erdenheim, Pa., assignors to the United States of America as represented by the Secretary of Agriculture. Converting nitriles into the corresponding acid amides. Ser. No. 63,432, published Mar. 6, 1951.
Coutant, Edward R., Stratford, Conn., assignor to General Electric Company. Low resistance contact member or material. Ser. No. 136,385, published July 10, 1951.
Craig, Louis D., Toronto, Ontario, Canada, assignor to the United States of America. Control of nickel carbonate precipitation. Ser. No. 741,235, published Aug. 21, 1951.
Crick, Stephen E.: *See*—
Bugbee, Charles W., Crick, Gustafson, and Stephenson.
Cromeans, John S., Bartlesville, Okla., assignor to Phillips Petroleum Company. Formation of acetals to separate oxygenated compounds from Fischer-Tropsch products. Ser. No. 43,202, published Nov. 20, 1951.
Curtiss-Wright Corporation, assignee: *See*—
Cushman, Maurice E.
Cushman, Maurice E., Verona, N. J., assignor to Curtiss-Wright Corporation. Reversible propeller. Ser. No. 172,090, published Nov. 13, 1951.
D'Agostine, Philip, Havertown, Pa., assignor to General Electric Company. Punch and die mechanism. Ser. No. 32,140, published Apr. 3, 1951.
Damschroder, Rudolph E., Rochester, N. Y. Removal of photographically active ingredients from proteins. Ser. No. 36,405, published June 5, 1951.
Dant and Russell, Inc., assignee: *See*—
Zoradi, Elko D.
Davidson, Hugh R., Easton, Pa. Manufacture of electrical condensers. Ser. No. 65,722, published May 22, 1951.
Dearborn Motors Corporation, assignee: *See*—
Hauswirth, Vernon O.
Spokely, Guy G.
Vlaich, George.
Dinse, Walter, L. M. Headley, and J. Kudrich, assignors to The Federal Machine and Welder Company, Warren, Ohio. Metal working. Ser. No. 734,280, published May 1, 1951.
Dodson, Wayne E., Caldwell, N. J., assignor to General Electric Company. Two-range refrigerating system. Ser. No. 152,455, published May 8, 1951.
Doran, John H., Scotia, N. Y., assignor to General Electric Company. Elastic fluid reversing turbine. Ser. No. 135,943, published June 5, 1951.
Dorrler, Philip G., Malverne, assignor to Republic Aviation Corporation, near Farmingdale, N. Y. Structural sheet material. Ser. No. 57,860, published May 8, 1951.
Drake, Nathan L., College Heights, Md., and S. Melamed, Philadelphia, Pa. Insect repellents. Ser. No. 70,382, published Jan. 9, 1951.
Drake, Nathan L., College Heights, Md., and W. J. Shenk, Cleveland, Ohio. Insect repellents. Ser. No. 70,388, published Jan. 9, 1951.
Drake, Nathan L., College Heights, Md., and W. J. Shenk, Cleveland, Ohio. Insect repellents. Ser. No. 70,390, published Jan. 9, 1951.
Drake, Nathan L., College Heights, Md., and C. M. Eaker, Affton, St. Louis, Mo. Insect repellents. Ser. No. 70,392, published Jan. 9, 1951.
Dunbrook, Raymond F., R. L. Bebb, and J. N. Street, assignors to The Firestone Tire & Rubber Company, Akron, Ohio. Controlling and stopping synthetic rubber polymerizations. Ser. No. 767,360, published Mar. 13, 1951.
Du Pont, E. I., de Nemours & Company, assignee: *See*—
Bruner, Walter M.
Bryant, William M. D.
Fogg, Robert E., and Haon.
Magill, Paul L.
Stalter, Neil J.
Dupree, Walter R., Scotia, N. Y., assignor to General Electric Company. Plug locking device. Ser. No. 141,459, published May 29, 1951.
Eaker, Charles M.: *See*—
Drake, Nathan L., and Eaker.
Earl, Austin W., Palo Alto, Calif. Flooring. Ser. No. 770,500, published July 31, 1951.
Early, Harold C., Ann Arbor, Mich., assignor to the United States of America as represented by the Secretary of War. Magnetron circuit. Ser. No. 651,311, published Aug. 21, 1951.
Eastman Kodak Company, assignee: *See*—
Cawley, John D.
Ehrenfeld, Robert, New York, N. Y. Electrolytic method of dehalogenating organic halogenides. Ser. No. 762,873, published May 22, 1951.
Electric and Musical Industries Limited, assignee: *See*—
Scantlebury, Gordon S. P.
Elmendorf, Andrew G., Schenectady, N. Y., assignor to General Electric Company. Terminal connector. Ser. No. 733,354, published Feb. 27, 1951.
Estes, Phillip H., Schenectady, N. Y., assignor to General Electric Company. Electromagnetic switching device. Ser. No. 794,298, published Feb. 20, 1951.
Evans, Latimer R.: *See*—
McBee, Earl T., and Evans.
Faus, Harold T., Lynn, Mass., assignor to General Electric Company. Powdered magnetic core. Ser. No. 105,906, published Apr. 10, 1951.
Federal Machine and Welder Company, The, assignee: *See*—
Dinse, Walter, Headley, and Kudrich.
Noftsinger, Ora L.
Federal Telecommunication Laboratories, Inc., assignee: *See*—
Smullin, Louis D.
Feiertag, Karl M., Fort Wayne, Ind., assignor to General Electric Company. Magnetic clutch or the like. Ser. No. 158,564, published May 1, 1951.
Fernsler, George L., Lawrenceville, N. J., assignor to Radio Corporation of America. Radio wave polarization device. Ser. No. 792,146, published Aug. 28, 1951.
Ferris, Robert G., Harvard, Ill., assignor to the United States of America as represented by the Secretary of the Navy. Auxiliary detonator. Ser. No. 473,149, published Aug. 7, 1951.
Firestone Tire & Rubber Company, The, assignee: *See*—
Dunbrook, Raymond F., Bebb, and Street.
Schmidt, Ernst.
Smith, George E. P., Jr., and Albert.
Fisher, Charles H.: *See*—
Mast, William C., Rehberg, and Fisher.
Flowers, Ralph G.: *See*—
Miller, Harry F., and Flowers.
Fogg, Robert E., and H. J. Haon, assignors to E. I. du Pont de Nemours and Company, Wilmington, Del. Heated roll for use in bookbinding. Ser. No. 44,144, published May 29, 1951.
Ford Motor Company, assignee: *See*—
Bugbee, Charles W., Crick, Gustafson, and Stephenson.
Kaiser, Edward, and Reed.
French, Hubert, Brooklyn, N. Y., assignor to Radio Corporation of America. Projection kinescopes. Ser. No. 72,366, published May 15, 1951.
Fried, Sherman, Chicago, Ill. Making neptunium oxyhalide. Ser. No. 771,705, published Nov. 13, 1951.
Fried, Sherman, Chicago, Ill. Neptunium metal and its preparation. Ser. No. 771,706, published Sept. 18, 1951.
Gagliardi, Domenick D., Philadelphia, and A. C. Nuessle, Hatboro, Pa. Crush-proofing cellulosic fabrics. Ser. No. 187,825, published Aug. 14, 1951.
Galley, Hollis T., Rochester, N. Y. Diazo type photographic material. Ser. No. 737,711, published July 17, 1951.
Gandrud, Bennie W., Tuscaloosa, Ala., assignor to the United States of America as represented by the Secretary of the Interior. Dewatering fine coal. Ser. No. 687,051, published Sept. 4, 1951.
Geiser, Kenneth R., Schenectady, N. Y., assignor to General Electric Company. Optical system for oscillographs. Ser. No. 79,531, published July 17, 1951.
Geist, Joseph L., Drexel Hill, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Turbine apparatus. Ser. No. 75,140, published Feb. 27, 1951.
General Cable Corporation, assignee: *See*—
Hewitt, Norman L.
General Electric Company, assignee: *See*—
Angst, Gustave.
Atchison, Leonard W.
Barr, Samuel R.
Becker, Howard I.
Bush, Ralph R., and Paxton.
Canada, Alfred H.
Cawl, Allen P., and Arey.

General Electric Company, assignee: *See*—Continued.
Civkin, Victor.
Clark, David L.
Clark, Frank M.
Coutant, Edward R.
D'Agostine, Philip
Dodson, Wayne E.
Doran, John H.
Dupree, Walter R.
Elmendorf, Andrew G.
Estes, Phillip H.
Faus, Harold T.
Feiertag, Karl M.
Geiser, Kenneth R.
Grant, Eduard T.
Hall, Chester I.
Harbison, George C.
Harrington, Richard H.
Hoffman, Herbert N.
Holbrook, Henry S.
Hudson, Alexander E.
Hunt, William R.
Keser, Otto A.
Kinman, Thomas H.
Knowlton, Paul H., Jr.
Kooiker, Paul I.
Labastie, Albert H.
Lynch, Donald W., and Kirke.
Lynn, Lambert H.
Manners, Maurice, and Partridge.
Martin, John H.
McArthur, Elmer D.
McClain, Joseph W.
McCurry, Eugene T., and Oppel.
McNairy, Jacob W.
Miller, Harry F.
Miller, Harry F., and Flowers.
Morey, Arthur H.
Nelson, Richard B.
Orr, Howard W.
Patten, Ray.
Phillipi, Earl L.
Rhoades, John M.
Roberts, William H.
Rosenkrans, Frank A.
Schad, James L.
Schmidt, August, Jr.
Sebens, Carl R.
Seigel, Wayne A.
Sheahan, Robert E.
Somes, Arthur D.
Stack, George E.
Stocking, Harold E.
Ten Broeck, Robert L.
Thomas, Charles A., and Klomp.
Vienneau, Jacob J.
Warren, Glenn B.
Weeks, Walter R.
Young, James F.

George, Percy F., Midland, Mich. Tarnish resistant magnesium-base alloy article. Ser. No. 119,753, published Jan. 23, 1951.

Gillespie, Charles N., Waltham, Mass., assignor to Radio Corporation of America. Conversion of frequency modulated signals. Ser. No. 685,589, published Sept. 25, 1951.

Gilmore, William J., U. S. Navy, Adrian, Mich. Swaged cable clamp. Ser. No. 681,272, published Jan. 2, 1951.

Golay, Marcel J. E., West End, N. J. Radiation detecting device. Ser. No. 24,636, published Mar. 27, 1951.

Goodman Manufacturing Company, assignee: *See*—
Cartlidge, Frank.

Gosnell, Earl J.: *See*—
Kantrowitz, Morris S., and Gosnell.

Grant, Eduard T., Scotia, N. Y., assignor to General Electric Company. Vacuum-tight insulated conductor seal and bushing. Ser. No. 53,494, published Mar. 20, 1951.

Gray, George W., Lambertville, N. J., assignor to Radio Corporation of America. Electrical phase angle measurement. Ser. No. 134,777, published Mar. 27, 1951.

Griffin, Sam J., La Jolla, Calif., assignor to the United States of America as represented by the Secretary of War. Electrical wave filter. Ser. No. 658,941, published Nov. 13, 1951.

Griffin, William C., West Chester, Pa., assignor to Atlas Powder Company, Wilmington, Del. Yeast-raised bakery products. Ser. No. 85,260, published Oct. 9, 1951.

Gross, Siegfried T., Easton, Pa. Improving the reversal or secondary exposure of reversible color film. Ser. No. 620,178, published Aug. 28, 1951.

Grundmann, Gustave L., Westmont, N. J., and G. Bergson, Philadelphia, Pa., assignors to Radio Corporation of America. Electromagnetic yoke shield. Ser. No. 84,272, published July 17, 1951.

Gullette, Willis S.: *See*—
Strader, Leroy F., and Gullette.

Gustafson, John R.: *See*—
Bugbee, Charles W., Crick, Gustafson, and Stephenson.

Hablutzel, Charles E., Albuquerque, N. Mex., assignor, by mesne assignments, to the United States of America as represented by the Secretary of the Navy. Projectile. Ser. No. 543,005, published Feb. 13, 1951.

Hall, Chester I., Vischer's Ferry, N. Y., assignor to General Electric Company. Electric sander. Ser. No. 85,643, published June 5, 1951.

Hamlin, Howard P., Northport, and T. A. Klinefelter, Tuscaloosa, Ala. Producing light weight aggregate from clays. Ser. No. 51,842, published Mar. 20, 1951.

Hammack, Calvin M., U. S. Army, Denver, Colo. Cathode follower circuit. Ser. No. 546,069, published Dec. 4, 1951.

Haon, Harry J.: *See*—
Fogg, Robert E., and Haon.

Harbison, George C., Erie, Pa., assignor to General Electric Company. Refrigerator door construction. Ser. No. 137,133, published Nov. 13, 1951.

Harrington, Richard H., Schenectady, N. Y., assignor to General Electric Company. Aluminum-zirconium alloy. Ser. No. 18,483, published Jan. 23, 1951.

Harshaw, William J., Shaker Heights, Ohio. Manufacture of nickel chloride tetrahydrate bodies. Ser. No. 739,259, published Feb. 27, 1951.

Hauswirth, Vernon O., Los Gatos, Calif., assignor to Dearborn Motors Corporation, Highland Park, Mich. Cutter bar assembly for a mower. Ser. No. 102,057, published Dec. 18, 1951.

Hazeltine Research, Inc., assignee: *See*—
Hirsch, Charles J.

Headley, Lewis M.: *See*—
Dinse, Walter, Headley, and Kudrich.

Heckendorn, Alphonse: *See*—
Widmar, Willy, Heckendorn, and Schuetz.

Heinrich, Helmut G., Dayton, Ohio. Guide surface parachute. Ser. No. 783,883, published Aug. 21, 1951.

Herold, Edward W., Kingston, N. J., assignor to Radio Corporation of America. Transistor amplifying circuits. Ser. No. 68,347, published May 22, 1951.

Hershberger, William D., Princeton, N. J., assignor to Radio Corporation of America. High Q circuit-elements. Ser. No. 25,542, published Sept. 18, 1951.

Hewitt, Norman L., Red Bank, N. J., assignor to General Cable Corporation, New York, N. Y. Insulated electrical conductors. Ser. No. 760,455, published Apr. 24, 1951.

Hill, Jerald E., Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Apparatus for measuring ultra-high frequency energy. Ser. No. 601,425, published Mar. 20, 1951.

Hirsch, Charles J., Douglaston, N. Y., assignor to Hazeltine Research, Inc., Chicago, Ill. Wave-signal transmitting system. Ser. No. 667,263, published Nov. 6, 1951.

Hoffman, Herbert N., Wakefield, Mass., assignor to General Electric Company. Turbine type pump for hydraulic governing system. Ser. No. 129,490, published May 8, 1951.

Hoffman, James I., Chevy Chase, Md. Acid extraction of alumina from clays. Ser. No. 517,221, published Apr. 17, 1951.

Holbrook, Henry S., Rugby, England, assignor to General Electric Company. Electric regulators. Ser. No. 159,069, published Oct. 2, 1951.

Houdry Process Corporation, assignee: *See*—
Strader, Leroy F., and Gullette.

Huber, George H., Short Hills, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Pulse modulation system. Ser. No. 721,438, published Apr. 10, 1951.

Hudson, Alexander E., Albany, N. Y., assignor to General Electric Company. Selective radio frequency amplifier utilizing a cathode follower stage. Ser. No. 15,585, published Oct. 2, 1951.

Hume, David M., Needham, Mass. Composition of matter effective to cause the release of adrenocortiocotrophic hormone from the pituitary. Ser. No. 159,648, published Nov. 27, 1951.

Hunt, William R., Fort Wayne, Ind., assignor to General Electric Company. Plotting linkage. Ser. No. 51,781, published May 1, 1951.

Huntoon, Robert D., Silver Spring, Md. Recording. Ser. No. 80,703, published June 19, 1951.

Interior, United States of America as represented by the Secretary of the, assignee: *See*—
Gandrud, Bennie W.
Johnson, Jesse C., and Riordan.
Kandiner, Harold J.
Newman, Louis L.

Jenson, Arthur S., Princeton, N. J., assignor to Radio Corporation of America. Area moving target indication. Ser. No. 161,661, published Nov. 20, 1951.

Johnson, Jesse C., Knoxville, and F. S. Riordan, Jr., Norris, Tenn., assignors to the United States of America as represented by the Secretary of the Department of the Interior. Neutralization and purification of slurries produced by acid digestion of magnesium silicate ore. Ser. No. 724,694, published Apr. 17, 1951.

Johnson, Oliver: *See*—
Newton, Amos S., and Johnson.

Jones, Howard A., Baltimore, Md. Insect repellent. Ser. No. 70,141, published Aug. 14, 1951.

Kadak, Eugene, Wilkinsburg, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Coupling circuit. Ser. No. 781,536, published Sept. 4, 1951.

Kaiser, Edward, Birmingham, and H. G. Reed, Grosse Pointe Farms, assignors to Ford Motor Company, Dearborn, Mich. Filler cap. Ser. No. 78,028, published Nov. 6, 1951.

Kandiner, Harold J., Washington, D. C., assignor to the United States of America as represented by the Secretary of the Interior. Bottom discharge valve. Ser. No. 44,213, published May 8, 1951.
Kantrowitz, Morris S., and E. J. Gosnell, Washington, D. C. Manufacturing permanent alkaline writing ink. Ser. No. 17,363, published Apr. 10, 1951.
Keary, Thomas J., San Diego, Calif., assignor, by mesne assignments, to the United States of America as represented by the Secretary of War. Electrical apparatus. Ser. No. 651,303, published May 1, 1951.
Kellogg Switchboard and Supply Company, assignee: *See*—
Bellamy, John I.
Kennedy, Walter W., Rockford, Ill. Air distribution outlet. Des. 149,755, published Feb. 13, 1951.
Kenny, Herman C., Lake Linden, assignor to Calumet and Hecla Consolidated Copper Company, Calumet, Mich. Process and apparatus for removing arsenic from copper and arsenic containing slag. Ser. No. 706,246, published Jan. 16, 1951.
Keser, Otto A., Pittsfield, Mass., assignor to General Electric Company. Torque wrench. Ser. No. 110,918, published Sept. 18, 1951.
Kilpatrick, Martin, Philadelphia, Pa., assignor to the United States of America. Method and composition of matter for removing mercury from metal structures. Ser. No. 637,491, published Jan. 30, 1951.
King, Alexander S., Jr., Prospect Park, and T. C. Bottema, Swarthmore, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Turbine apparatus. Ser. No. 609,580, published Aug. 7, 1951.
King, Gladys S.: *See*—
Porges, Nandor, Bloch, and King.
King, George J., Hewlett, N. Y., assignor to Atlas Powder Company, Wilmington, Del. Nonaqueous dentifrice composition. Ser. No. 168,857, published Aug. 21, 1951.
Kinman, Thomas H., Rugby, England, assignor to General Electric Company. Asymmetrically conductive device. Ser. No. 65,305, published Dec. 18, 1951.
Kirke, Dorman H.: *See*—
Lynch, Donald W., and Kirke.
Klaesmann, John A., Oak Ridge, Tenn., assignor to the United States of America as represented by the United States Atomic Energy Commission. Method and apparatus for liquid transfer. Ser. No. 621,848, published Apr. 24, 1951.
Klinefelter, Theron A.: *See*—
Hamlin, Howard P., and Klinefelter.
Klomp, Edward: *See*—
Thomas, Charles A., and Klomp.
Knowlton, Paul H., Jr., Schenectady, N. Y., assignor to General Electric Company. Moisture separation device for elastic fluid turbine. Ser. No. 133,199, published June 5, 1951.
Kohlhepp, Roy A.: *See*—
Wurgler, John, and Kohlhepp.
Kooiker, Paul I., East Orange, N. J., assignor to General Electric Company. Air distributing unit for oil burner heads. Ser. No. 98,999, published Sept. 11, 1951.
Korman, Nathaniel I., Camden, and C. A. Rosencrans, Haddonfield, N. J., assignors to Radio Corporation of America. High gain direct current amplifier. Ser. No. 681,176, published May 15, 1951.
Kraus, John D.: *See*—
Clark, Hugh K., Kraus, and McGuigan.
Krewson, Charles F.: *See*—
Couch, James F., and Krewson.
Krutzke, Herbert G.: *See*—
Schuster, Ludwig K., and Krutzke.
Kudrich, John: *See*—
Dinse, Walter, Headley, and Kudrich.
Kuhn, Carl S., Jr.: *See*—
Nelson, Murrell D., Jr., and Kuhn.
Kun, Emil, Forest Hills, assignor to The Lummus Company, New York, N. Y. Cathodic electrical grounding. Ser. No. 16,373, published Feb. 20, 1951.
Kurath, Franz, Park Ridge, Ill., assignor to The Quaker Oats Company. Abrasive elements. Ser. No. 58,801, published Apr. 3, 1951.
Labastie, Albert H., West Medford, Mass., assignor to General Electric Company. Air cleaning machine. Ser. No. 163,984, published June 12, 1951.
Labounsky, Alexander M., Port Washington, N. Y., assignor to the United States of America. Strength testing device for sheet material. Ser. No. 656,466, published Sept. 11, 1951.
Langer, Alois, and W. E. Stephens, Forest Hills, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Separation of isotopes. Ser. No. 357,386, published Mar. 6, 1951.
Lappin, Lester S., Merchantville, N. J., assignor to Radio Corporation of America. Arc back protection for electronic tubes. Ser. No. 135,879, published Aug. 7, 1951.
Lathrop, Elbert C.: *See*—
Williamson, Robert V., Clark, Naffziger, and Lathrop.
Leisk, Roland T., East Chicago, Ind., assignor to American Steel Foundries. Core blower. Ser. No. 20,212, published Feb. 6, 1951.
Liger, Andrew W., Wyandotte, Mich. Permanent spray booth coating and removing dried paint films from spray booth surfaces. Ser. No. 150,557, published Nov. 20, 1951.
Linder, Ernest G., Princeton, N. J., assignor to Radio Corporation of America. Vacuum tube leak detector. Ser. No. 90,331, published Feb. 27, 1951.
Lindsay, Harold W., Redwood City, assignor to Ampex Electric Corporation, San Carlos, Calif. Tape reels for magnetic recordings. Ser. No. 82,691, published Nov. 6, 1951.
Little, Robert W., Wilmington, Del. Flameproofing compositions. Ser. No. 61,695, published Aug. 14, 1951.
Lofgren, Edward J.: *See*—
Brobeck, William M., Baker, and Lofgren.
Lummus Company, The, assignee: *See*—
Kun, Emil.
Lynch, Donald W., and D. H. Kirke, Fort Wayne, Ind., assignors to General Electric Company. Automatically reversible gear pump. Ser. No. 68,614, published Dec. 4, 1951.
Lynn, Lambert H., Syracuse, N. Y., assignor to General Electric Company. Radar system. Ser. No. 180,945, published Nov. 6, 1951.
Mader, Stanley C., Belmar, N. J. Molded pre-wired panel. Ser. No. 144,555, published June 12, 1951.
Magerlein, Barney J.: *See*—
Newman, Melvin S., and Magerlein.
Magill, Paul L., Ransomville, N. Y., assignor to E. I. du Pont de Nemours and Company, Wilmington, Del. Production of chloromethanes. Ser. No. 673,140, published July 17, 1951.
Mahan, John E., and S. D. Turk, Bartlesville, Okla., assignors to Phillips Petroleum Company. Production of aromatic nitriles. Ser. No. 120,606, published June 5, 1951.
Malin, Robert D., Montclair, N. J., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Alloy and use. Ser. No. 560,163, published Sept. 25, 1951.
Manners, Maurice, and J. H. Partridge, Pinner, England, assignors to General Electric Company. Glass to metal seals. Ser. No. 709,432, published May 29, 1951.
Marlow, Douglas G., Arcadia, Calif. Oscillator frequency controls. Ser. No. 115,308, published Jan. 30, 1951.
Martin, John H., Toronto, Ontario, Canada, assignor to General Electric Company. Underfloor duct junction box. Ser. No. 172,165, published Nov. 6, 1951.
Martin, William H., Short Hills, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electroacoustic transducer. Ser. No. 704,389, published Mar. 27, 1951.
Martinelli, Ciro C.: *See*—
Allen, Horace C., and Martinelli.
Mast, William C., Philadelphia, C. E. Rehberg, Glenside, and C. H. Fisher, Abington, Pa., assignors to the United States of America as represented by the Secretary of Agriculture. Synthetic resinous and rubberlike materials. Ser. No. 595,869, published Jan. 9, 1951.
McArthur, Elmer D., Schenectady, N. Y., assignor to General Electric Company. Electronic tuning arrangement for cavity resonators. Ser. No. 133,620, published Mar. 6, 1951.
McBee, Earl T., West Lafayette, Ind., and L. R. Evans, Wilmington, Del., assignors to the United States of America as represented by the United States Atomic Energy Commission. Manufacture of highly fluorinated organic compounds. Ser. No. 658,214, published May 8, 1951.
McClain, Joseph W., Logansport, Ind., assignor to General Electric Company. Electromagnet with plunger. Ser. No. 735,485, published Jan. 2, 1951.
McCurry, Eugene T., and J. A. Oppel, Aldan, Pa., assignors to General Electric Company. Buffing means for electromagnetic device. Ser. No. 90,412, published Mar. 20, 1951.
McGuigan, William D.: *See*—
Clark, Hugh K., Kraus, and McGuigan.
McMillan, Edward B., Wakefield, Mass., assignor, by mesne assignments, to the United States of America as represented by the Secretary of War. Electrical insulating material and making same. Ser. No. 715,138, published Mar. 6, 1951.
McNairy, Jacob W., Westport, Conn., assignor to General Electric Company. Automatic valve actuator for steam flatirons. Ser. No. 76,018, published Apr. 17, 1951.
Meagher, Ralph E., Watertown, Mass., assignor, by mesne assignments, to the United States of America as represented by the Secretary of War. Gain-control circuit. Ser. No. 578,767, published Mar. 6, 1951.
Meagher, Ralph E., Watertown, Mass., assignor, by mesne assignments, to the United States of America as represented by the Secretary of the Navy. Control circuit for dual selsyn servo. Ser. No. 613,179, published Sept. 25, 1951.
Mechem, Robert C., Belmont, Mass. Can opener. Ser. No. 125,513, published Apr. 17, 1951.
Melamed, Sidney: *See*—
Drake, Nathan L., and Melamed.
Mierley, George M., Havertown, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Gas turbine apparatus. Ser. No. 780,355, published Feb. 13, 1951.
Miller, Ernest F., Lansdowne, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Turbine apparatus. Ser. No. 682,768, published Aug. 14, 1951.
Miller, Harry F., Pittsfield, Mass., assignor to General Electric Company. Cellulosic pulp and paper. Ser. No. 634,282, published Apr. 17, 1951.

Miller, Harry F., and R. G. Flowers, Pittsfield, Mass., assignors to General Electric Company. Halogenated dielectric composition containing sulphur. Ser. No. 760,010, published Feb. 27, 1951.

Monk, Gaines W., Oak Ridge, Tenn., assignor, by mesne assignments, to the United States of America as represented by the United States Atomic Energy Commission. Pressure measuring apparatus. Ser. No. 785,216, published Mar. 13, 1951.

Morey, Arthur H., Erie, Pa., assignor to General Electric Company. Flexible floor mounting. Ser. No. 183,961, published Dec. 18, 1951.

Murray, Alexander, Rochester, N. Y. Recording paper. Ser. No. 790,115, published Nov. 13, 1951.

Naffziger, Theodore R.: *See*—
Williamson, Robert V., Clark, Naffziger, and Lathrop.

National Cash Register Company, The, assignee: *See*—
Aberth, Walter C.

National Lead Company, assignee: *See*—
Aagaard, Leif.

Navy, United States of America as represented by the Secretary of the, assignee: *See*—
Ferris, Robert G.
Hablutzel, Charles E.
Meagher, Ralph E.

Nelson, Murrell D., Jr., and C. S. Kuhn, Jr., Dallas, Tex., assignors, by mesne assignments, to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Treatment of weighting agents for drilling fluids. Ser. No. 9,327, published May 22, 1951.

Nelson, Richard B., Schenectady, N. Y., assignor to General Electric Company. Method and apparatus for heating by high frequency electromagnetic fields. Ser. No. 784,619, published July 10, 1951.

Newcombe, Frank A., Nutley, N. J. Electrode handling apparatus. Ser. No. 552,769, published Feb. 27, 1951.

Newman, Louis L., Washington, D. C., assignor to the United States of America as represented by the Secretary of the Interior. Continuous production of water gas. Ser. No. 625,919, published May 22, 1951.

Newman, Louis L., Hallam Township, Pa., assignor to the United States of America as represented by the Secretary of the Interior. Continuous generation of gas. Ser. No. 687,542, published Jan. 23, 1951.

Newman, Melvin S., Columbus, Ohio, and W. B. Wheatley, Syracuse, N. Y. Insect repellents. Ser. No. 68,042, published Jan. 9, 1951.

Newman, Melvin S., Columbus, Ohio, and B. J. Magerlein, Kalamazoo, Mich. Insect repellents. Ser. No. 68,046, published Jan. 9, 1951.

Newton, Amos S., and O. Johnson, Berkeley, Calif. Preparing thorium compounds. Ser. No. 787,850, published Oct. 9, 1951.

Nicoll, Frederick H., Princeton, N. J., assignor to Radio Corporation of America. Colored signal display systems. Ser. No. 127,669, published Mar. 6, 1951.

Nielssen, Steffen F., Laurel Springs, N. J., assignor to Radio Corporation of America. Insulator support. Ser. No. 777,056, published May 29, 1951.

Noftsinger, Ora L., assignor to The Federal Machine and Welder Company, Warren, Ohio. Object holding and positioning means. Ser. No. 697,592, published Apr. 3, 1951.

Nuessle, Albert C.: *See*—
Gagliardi, Domenick D., and Nuessle.

Olson, Harold M., Vermilion, Ohio. Phosphorus containing metal soaps. Ser. No. 23,637, published May 29, 1951.

Oppel, John A.: *See*—
McCurry, Eugene T., and Oppel.

Orlandsky, Jesse, New York, N. Y., and J. A. Bromer, South Orange, N. J. Aircraft lighting system for identification. Ser. No. 88,472, published July 10, 1951.

Orr, Howard W., Fort Wayne, Ind., assignor to General Electric Company. Insulating tape. Ser. No. 786,703, published Aug. 28, 1951.

Parker, Raymond F., Ferndale, assignor to Carboloy Company, Inc., Detroit, Mich. Cemented carbide body having a soft metal insert. Ser. No. 711,040, published Mar. 27, 1951.

Partridge, John H.: *See*—
Manners, Maurice, and Partridge.

Patten, Ray, Westport, Conn., assignor to General Electric Company. Corner unit for installation in kitchen cabinets and the like. Ser. No. 9,835, published May 1, 1951.

Patten, Ray, Norwalk, Conn., assignor to General Electric Company. Wall cabinet. Ser. No. 692,763, published Dec. 18, 1951.

Paxton, Robert: *See*—
Bush, Ralph R., and Paxton.

People in the territory of the United States, Dedicated to the free use of the, assignee: *See*—
Browning, Paul M., and Wheatley.

Perry, Charles W., Bartlesville, Okla., assignor to Phillips Petroleum Company. Hydrocarbon oxidation. Ser. No. 121,229, published Nov. 20, 1951.

Pessel, Leopold, Philadelphia, Pa., assignor to Radio Corporation of America. Core composition. Ser. No. 677,639, published Apr. 3, 1951.

Philco Corporation, assignee: *See*—
Tellier, Joseph C.

Phillipi, Earl L., Schenectady, N. Y., assignor to General Electric Company. Static phase shifting circuits. Ser. No. 97,060, published Apr. 10, 1951.

Phillips Petroleum Company, assignee: *See*—
Cromeans, John S.
Mahan, John E., and Turk.
Perry, Charles W.
Ray, Gardner C.
Robinson, Sam P.

Phillips Screw Co., assignee: *See*—
Cambern, Cecil M.

Pierpoline, Mario F., Swarthmore, Pa., and R. W. Ashe, Patuxent River, Md., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Turbine power plant. Ser. No. 45,044, published Sept. 11, 1951.

Podbielniak, Thaddeus, Buffalo, N. Y. Process and apparatus for testing electronic tubes. Ser. No. 111,922, published Sept. 11, 1951.

Porges, Nandor, Hillside, N. J., T. K. Bloch, Evanston, Ill., and G. S. King, New Orleans, La., assignors to the United States of America as represented by the Secretary of Agriculture. Yeast propagation. Ser. No. 726,945, published Jan. 16, 1951.

Pound, Robert V., Cambridge, Mass., and H. F. Webster, Ithaca, N. Y., assignors, by mesne assignments, to the United States of America as represented by the Secretary of War. Electrical apparatus. Ser. No. 648,525, published Feb. 20, 1951.

Punch Engineering Pty. Limited, assignee: *See*—
Skillman, Thomas S.

Quaker Oats Company, The, assignee: *See*—
Kurath, Franz.
Stivers, Theodore E., Jr., and Brockington.

Radio Corporation of America, assignee: *See*—
Allen, Horace C., and Martinelli.
Bedford, Alda V.
Bentley, William A.
Castle, Donald H.
Fernsler, George L.
French, Hubert.
Gillespie, Charles N.
Gray, George W.
Grundmann, Gustave L., and Bergson.
Herold, Edward W.
Hershberger, William D.
Jenson, Arthur S.
Korman, Nathaniel I., and Rosencrans.
Lappin, Lester S.
Linder, Ernest G.
Nicoll, Frederick H.
Nielssen, Steffen F.
Pessel, Leopold.
Roe, John H.
Schlesinger, Kurt.
Shenk, Eugene R.
Squier, Bertrand W., Jr.
Wendt, Karl R.

Ray, Gardner C., Bartlesville, Okla., assignor to Phillips Petroleum Company. Selective hydrogenation of acetylene. Ser. No. 32,541, published Nov. 20, 1951.

Record, Frank A.: *See*—
Salisbury, Winfield W., and Record.

Reed, Howard G.: *See*—
Kaiser, Edward, and Reed.

Reek, Royal J.: *See*—
Wisman, Franklin O., and Reek.

Rehberg, Chessie E.: *See*—
Mast, William C., Rehberg, and Fisher.

Republic Aviation Corporation, assignee: *See*—
Dorrler, Philip G.

Rhoades, John M., North Syracuse, N. Y., assignor to General Electric Company. Contact brush. Serial No. 175,977, published July 10, 1951.

Richards, Melbourne K.: *See*—
Benning, Anthony F., and Richards.

Richman, Donald, New York, N. Y. Superregenerative amplifier. Ser. No. 15,245, published Nov. 27, 1951.

Riordan, Frank S., Jr.: *See*—
Johnson, Jesse C., and Riordan.

Rippey, George S., Orlando, Fla. Sprayer. Ser. No. 80,752, published July 31, 1951.

Ritter, Lawrence: *See*—
Weidenheimer, Joseph F., and Ritter.

Roberts, William H., Cheshire, Mass., assignor to General Electric Company. Adjustable chain control mechanism. Ser. No. 113,780, published Nov. 6, 1951.

Robinson, Sam P., Bartlesville, Okla., assignor to Phillips Petroleum Company. Manufacture of carbon disulfide. Ser. No. 651,293, published June 19, 1951.

Roe, John H., Collingswood, N. J., assignor to Radio Corporation of America. Impedance transforming receptacle. Ser. No. 602,445, published Nov. 6, 1951.

Rosen, Shy, U. S. Army, Washington, D. C. Hand printing device. Ser. No. 622,105, published May 1, 1951.

Rosencrans, Charles A.: *See*—
Korman, Nathaniel I., and Rosencrans.

Rosenkrans, Frank A., Bridgeport, Conn., assignor to General Electric Company. Operating spinner type washing machine to prevent suds lock. Serial No. 2,013, published May 8, 1951.

Ruebensaal, Clayton F., Baltimore, and E. H. Sorg, Hyde, Md., assignors, by mesne assignments, to United States Rubber Company, New York, N. Y. Polyvinyl chloride pneumatic tire inner tube. Ser. No. 538,244, published Nov. 6, 1951.
Ruggles, Albert C.: *See*—
Von Bramer, Harold, and Ruggles.
Sadler, Carl L., Jr.: *See*—
Bansbach, Herbert L., and Sadler.
Saldin, Harvey B., Springfield, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Gas turbine apparatus. Ser. No. 3,040, published Apr. 10, 1951.
Salisbury, Winfield W., Cedar Rapids, Iowa, and F. A. Record, Potsdam, N. Y., assignors to the United States of America as represented by the Secretary of War. Impedance matching section for coaxial line. Ser. No. 609,657, published Aug. 28, 1951.
Salminen, Ilmari F., and A. Weissberger, Rochester, N. Y. Aryl sulfonyl chloride couplers and use in photographic emulsion layers. Ser. No. 774,890, published Apr. 24, 1951.
Scantlebury, Gordon S. P., Ealing, London, assignor to Electric and Musical Industries Limited, Hayes, Middlesex, England. Voltage regulator. Ser. No. 564,840, published Aug. 21, 1951.
Schad, James L., Schenectady, N. Y., assignor to General Electric Company. Flow measuring device. Ser. No. 167,824, published Aug. 21, 1951.
Schlesinger, Hermann I., Chicago, Ill., and H. C. Brown, Detroit, Mich. Complexes of uranium and fluoro substituted beta diketones. Ser. No. 611,220, published Mar. 6, 1951.
Schlesinger, Hermann I., Chicago, Ill., and H. C. Brown, Detroit, Mich., assignors to the United States of America as represented by the United States Atomic Energy Commission. Complex compounds of uranium and alpha substituted beta diketones. Ser. No. 643,460, published Oct. 9, 1951.
Schlesinger, Hermann I., Chicago, Ill., and H. C. Brown, Detroit, Mich. assignors to the United States as represented by the United States Atomic Energy Commission. Trifluoro 2,4 diketones. Ser. No. 662,600, published Mar. 6, 1951.
Schlesinger, Kurt, New York, N. Y., assignor to Radio Corporation of America. Frequency divider. Ser. No. 703,513, published Feb. 13, 1951.
Schmidt, August, Jr., Schenectady, N. Y., assignor to General Electric Company. Multiple frequency filter circuits. Ser. No. 132,876, published Mar. 6, 1951.
Schmidt, Ernst, assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Filtering latex. Ser. No. 650,090, published Jan. 23, 1951.
Schuetz, Fritz: *See*—
Widmar, Willy, Heckendorn, and Schuetz.
Schuster, Ludwig K., and H. G. Krutzke, Philadelphia, Pa.; said Schuster assignor to the United States of America as represented by the Secretary of the Army. High pressure lubricant and using same. Ser. No. 37,498, published Nov. 20, 1951.
Schwartzberg, Hyman, Chicago, Ill. Phenolic coating composition and process. Ser. No. 713,087, published Dec. 18, 1951.
Scott, Roy M., Richland, Wash., assignor, by mesne assignments, to the United States of America as represented by the United States Atomic Energy Commission. Pipe coupler. Ser. No. 154,296, published Apr. 24, 1951.
Sebens, Carl R., Bridgeport, Conn., assignor to General Electric Company. Mixing tool. Ser. No. 189,017, published Dec. 4, 1951.
Seigel, Wayne A., Palmer, N. Y., assignor to General Electric Company. Pole shader. Ser. No. 732,605, published Mar. 13, 1951.
Shannon, Harold S., Detroit, Mich. Building framework. Ser. No. 678,637, published July 31, 1951.
Sheahan, Robert E., Cleveland, Ohio, assignor to General Electric Company. Ironing apparatus. Ser. No. 104,295, published Feb. 20, 1951.
Shenk, Eugene R., Brooklyn, N. Y., assignor to Radio Corporation of America. Electron discharge device circuit. Ser. No. 642,481, published May 15, 1951.
Shenk, Wilbur J.: *See*—
Drake, Nathan L., and Shenk.
Siegel, Samuel: *See*—
Bartlett, Paul D., and Siegel.
Siegle, Jacob C., Youngstown, Ohio. Drill pipe and holding means therefor. Ser. No. 782,584, published Apr. 10, 1951.
Simson, Alva G., U. S. Army, Washington, D. C. Propulsion means for vehicles. Ser. No. 637,758, published Mar. 13, 1951.
Sinclair Refining Co., assignee: *See*—
Strader, Leroy F., and Gullette.
Skillman, Thomas S., Mosman, assignor to Punch Engineering Pty Limited, Commeray, near Sydney, New South Wales, Australia. Multi-channel carrier telephone systems. Ser. No. 771,009, published July 31, 1951.
Smith, George E. P., Jr., and H. E. Albert, assignors to The Firestone Tire & Rubber Company, Akron, Ohio. Stabilization. Ser. No. 71,033, published Dec. 4, 1951.
Smith, George E. P., Jr., and H. E. Albert, assignors to The Firestone Tire and Rubber Company, Akron, Ohio. Stabilization of GR-S with stannous phenol sulfides. Ser. No. 789,142, published June 19, 1951.
Smith, Keith V., Wilkinsburg, and S. Way, Churchill Boro, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Atomizing nozzles for liquids. Ser. No. 709,918, published July 31, 1951.
Smith, William N., Lake Jackson, Tex. Production of alkali metal bicarbonate and chloride. Ser. No. 695,523, published Apr. 3, 1951.
Smullin, Louis D., Watertown, Mass., assignor to Federal Telecommunication Laboratories, Inc., New York, N. Y. Micro-wave frequency discriminators. Ser. No. 52,229, published Apr. 17, 1951.
Snyder, James E., Akron, Ohio. Package. Ser. No. 22,329, published July 31, 1951.
Socony-Vacuum Oil Company, Incorporated, assignee: *See*—
Nelson, Murrell D., Jr., and Kuhn.
Soderquist, Albert A., Seattle, Wash., assignor to Boeing Airplane Company. Closure mountings. Ser. No. 605,415, published Mar. 13, 1951.
Somes, Arthur D., Marblehead, Mass., assignor to General Electric Company. Tandem compound double-flow turbine arrangement. Ser. No. 134,204, published Aug. 7, 1951.
Sorg, Earl H.: *See*—
Ruebensaal, Clayton F., and Sorg.
Spencer, Herbert E.: *See*—
Weir, Richard L., and Spencer.
Spokely, Guy G., Clarkston, assignor to Dearborn Motors Corporation, Highland Park, Mich. Hitch for reverse operation of tractor. Ser. No. 99,751, published Nov. 13, 1951.
Squier, Bertrand W., Jr., Lancaster, Pa., assignor to Radio Corporation of America. Temperature control circuit. Ser. No. 749,845, published Aug. 7, 1951.
Stack, George E., Ballston Spa, N. Y., assignor to General Electric Company. Welding of laminated core. Ser. No. 131,029, published Dec. 18, 1951.
Stalter, Neil J., Charlotte, N. C., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Bleaching process. Ser. No. 591,864, published Apr. 3, 1951.
Steinman, Robert, Los Angeles, Calif. Colored glass fibers. Ser. No. 754,282, published Apr. 10, 1951.
Stephens, William E.: *See*—
Langer, Alois, and Stephens.
Stephenson, Thomas W.: *See*—
Bugbee, Charles W., Crick, Gustafson, and Stephenson.
Stewart, James C., Neutral Bay, near Sydney, New South Wales, assignor to Communication Engineering Pty. Limited, Canberra, Australian Capital Territory, Australia. Multichannel carrier telephone system providing for music transmission at carrier frequencies. Ser. No. 547,747, published Mar. 6, 1951.
Stivers, Theodore E., Jr., Akron, Ohio, and S. F. Brockington, Clarendon Hills, assignors to The Quaker Oats Company, Chicago, Ill. Preventing deterioration of grain in storage. Ser. No. 46,214, published June 19, 1951.
Stocking, Harold E., Trenton, N. J., assignor to General Electric Company. Drive assembly for automatic washing machines. Ser. No. 81,044, published May 29, 1951.
Strader, Leroy F., Long Beach, Calif., and W. S. Gullette, Highland, Ind., assignors of one-half to Sinclair Refining Co., New York, N. Y., and one-half to Houdry Process Corporation, Wilmington, Del. Apparatus for catalytic cracking. Ser. No. 620,808, published Apr. 24, 1951.
Street, John N.: *See*—
Dunbrook, Raymond F., Bebb, and Street.
Sudman, Israel H., Cambridge, Mass., assignor, by mesne assignments, to the United States of America as represented by the Secretary of War. Communication system. Ser. No. 540,589, published May 1, 1951.
Sun Shipbuilding & Dry Dock Company, assignee: *See*—
Burke, Richard L.
Swern, Daniel, and G. N. Billen, Philadelphia, Pa., assignors to the United States of America as represented by the Secretary of Agriculture. Preparation of 1,2-dodecanediol. Ser. No. 675,120, published July 17, 1951.
Swern, Daniel, and G. N. Billen, Philadelphia, Pa., assignors to the United States of America as represented by the Secretary of Agriculture. Preparation of 1,2-tetradecanediol. Ser. No. 675,121, published Aug. 14, 1951.
Tellier, Joseph C., Penn Wynne, assignor, by mesne assignments, to Philco Corporation, Philadelphia, Pa. Superregenerator. Ser. No. 662,418, published Nov. 20, 1951.
Ten Broeck, Robert L., Pittsfield, Mass., assignor to General Electric Company. Magnetic core. Ser. No. 137,143, published June 19, 1951.
Thomas, Charles A., and E. Klomp, Fort Wayne, Ind., assignors to General Electric Company. Special two-pole rotor winding. Ser. No. 136,192, published Dec. 18, 1951

Thompson, Albert S., Los Angeles, Calif., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Turbine apparatus. Ser. No. 783,729, published Jan. 30, 1951.

Tufts, Lewis E., Niagara Falls, N. Y., assignor to the United States of America as represented by the United States Atomic Energy Commission. Vessel and closure. Ser. No. 651,287, published Apr. 3, 1951.

Turk, Stanley D.: *See*—
Mahan, John E., and Turk.

United States of America, The, assignee: *See*—
Craig, Louis D.
Kilpatrick, Martin.
Labounsky, Alexander M.

United States Rubber Company, assignee: *See*—
Ruebensaal, Clayton F., and Sorg.

Van Dusen, Charles H., Jr., Willoughby, assignor to Addressograph-Multigraph Corporation, Cleveland, Ohio. Non-ink receptive support for planographic printing plates. Ser. No. 35,427, published Sept. 4, 1951.

Vienneau, Jacob J., Pittsfield, Mass., assignor to General Electric Company. Making a magnetic core. Ser. No. 655,960, published Nov. 27, 1951.

Vlaich, George, Centerline, assignor to Dearborn Motors Corporation, Highland Park, Mich. Tractor transported mixing device. Ser. No. 168,769, published Dec. 18, 1951.

Von Bramer, Harold, and A. C. Ruggles, Kingsport, Tenn. N-tertiary butyl-n'-secondary alkyl-p-phenylenediamines. Ser. No. 649,770, published Nov. 27, 1951.

Wallace, Charles F., Westfield, assignor to Wallace and Tiernan Products, Incorporated, Belleville, N. J. Humidity sensitive means. Ser. No. 742,997, published Apr. 17, 1951.

Wallace and Tiernan Products, Incorporated, assignee: *See*—
Wallace, Charles F.

War, United States of America as represented by the Secretary of, assignee: *See*—
Allen, James S.
Clark, Hugh K., Kraus, and McGuigan.
Early, Harold C.
Griffin, Sam J.
Keary, Thomas J.
McMillan, Edward B.
Meagher, Ralph E.
Pound, Robert V., and Webster.
Salisbury, Winfield W., and Record.
Sudman, Israel H.
Watt, Bob E.
Wrightson, Frances M.

Warren, Glenn B., Schenectady, N. Y., assignor to General Electric Company. Cross-over water extraction structure. Ser. No. 137,217, published Oct. 2, 1951.

Watt, Bob E., Tulsa, Okla., assignor, by mesne assignments, to the United States of America as represented by the Secretary of War. Single side band modulator. Ser. No. 652,185, published Aug. 28, 1951.

Way, Stewart: *See*—
Smith, Keith V., and Way.

Webster, Harold F.: *See*—
Pound, Robert V., and Webster.

Weeks, Walter R., Hamden, Conn., assignor to General Electric Company. Thermal control for heating devices. Ser. No. 65,938, published Sept. 25, 1951.

Weidenheimer, Joseph F., Pearl River, and L. Ritter, Spring Valley, N. Y. Aureomycin salts. Ser. No. 83,780, published Sept. 18, 1951.

Weir, Richard L., and H. E. Spencer, Dayton, Ohio. Cargo anchoring device. Ser. No. 74,643, published Apr. 10, 1951.

Weissberger, Arnold: *See*—
Salminen, Ilmari F., and Weissberger.

Weissberger, Arnold, Rochester, N. Y. Dyeing pelts, hairs, and feathers. Ser. No. 88,685, published Nov. 6, 1951.

Welch, Frank R., U. S. Army, Dayton, Ohio. Telegraph system. Ser. No. 693,610, published June 12, 1951.

Wendt, Karl R., Hightstown, N. J., assignor to Radio Corporation of America. Keyed automatic gain control systems. Ser. No. 731,139, published May 8, 1951.

Wengel, Raymond W., Rochester, N. Y. Binocular sighting devices. Ser. No. 708,373, published Apr. 3, 1951.

Westinghouse Electric Corporation, assignee: *See*—
Bansbach, Herbert L., and Sadler.
Chalupa, Joseph F.
Geist, Joseph L.
Hill, Jerald E.
Kadak, Eugene.
King, Alexander S., Jr., and Bottema.
Langer, Alois, and Stephens.
Malin, Robert D.
Mierley, George M.
Miller, Ernest F.
Pierpoline, Mario F., and Ashe.
Saldin, Harvey B.
Smith, Keith V., and Way.
Thompson, Albert S.
Whiteman, Irvin R.
Zetterquist, Eric A.

Wheatley, De Boy: *See*—
Browning, Paul M., and Wheatley.

Wheatley, William B.: *See*—
Newman, Melvin S., and Wheatley.

Whiteman, Irvin R., Philadelphia, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Gas turbine apparatus. Ser. No. 129,006, published Feb. 6, 1951.

Widmar, Willy, Bottmingen, A. Heckendorn, Basel, and F. Schuetz, Neuewelt, Switzerland. Preparations and making fast dyeings. Ser. No. 31,606, published Mar. 20, 1951.

Wiens, Jacob H., Redwood City, Calif. High voltage regulator. Ser. No. 7,052, published June 12, 1951.

Williamson, Robert V., T. F. Clark, T. R. Naffziger, and E. C. Lathrop, Peoria, Ill., assignors to the United States of America as represented by the Secretary of Agriculture. Plastics molding compounds. Ser. No. 590,105, published Apr. 10, 1951.

Wilson & Co., Inc., assignee: *See*—
Clarke, Robert A.

Wisman, Franklin O., and R. J. Reek, South Bend, Ind. Mounting means for head-lamps. Ser. No. 730,960, published Mar. 20, 1951.

Wisner, Raymond R., Newton Highlands, Mass., assignor, by mesne assignments, to the United States of America as represented by the United States Atomic Energy Commission. Gland packing material. Ser. No. 680,259, published May 15, 1951.

Wohlberg, Cornel, Chicago, Ill., assignor to the United States of America as represented by the United States Atomic Energy Commission. Sodium phytate as a stabilizer of hydrous oxide colloids. Ser. No. 17,122, published May 22, 1951.

Wrightson, Frances M., North Bergen, N. J., assignor to the United States of America as represented by the Secretary of War. Radio frequency coaxial switch. Ser. No. 623,419, published Aug. 28, 1951.

Wurgler, John, Milwaukee, and R. A. Kohlhepp, West Allis, assignors to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Relay with reversible contacts. Ser. No. 68,544, published Jan. 2, 1951.

York, Harold E., St. Clair Shores, Mich., assignor to Carboloy Company, Inc. Cemented carbide boring bar. Ser. No. 729,189, published June 5, 1951.

Young, James F., Bridgeport, Conn., assignor to General Electric Company. Dishwashing machine or the like. Ser. No. 134,472, published May 15, 1951.

Zetterquist, Eric A., Drexel Hill, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Turbine supplied with superheated and reheated steam. Ser. No. 49,750, published Aug. 28, 1951.

Zoradi, Elko D., assignor to Dant and Russell, Inc., Portland, Oreg. Products comprising expanded perlite. Ser. No. 664,682, published Jan. 16, 1951.

1951

LIST OF DISCLAIMERS

Alfery, Henry F., Milwaukee, Wis. Disclaimer filed by the assignee, Milwaukee Gas Specialty Company. No. 2,321,119; disclaimer filed Apr. 6, 1951; v. 646; p. 17.

Argabrite, George M., Chicago, Ill. Disclaimer filed by the trustee, William L. Barie. No. 2,102,667; disclaimer filed Mar. 27, 1951; v. 646; p. 701.

Armistead, William H., Corning, N. Y. Disclaimer filed by the assignee, Corning Glass Works. No. 2,435,995; disclaimer filed Nov. 20, 1951; v. 653; p. 888.

Barford, Norman Charles, Hayes, England. Disclaimer filed by the assignee, Electric & Musical Industries Limited. No. 2,464,549; disclaimer filed Apr. 17, 1951; v. 647; p. 13.

Barry, Arthur J., Midland, Mich. Disclaimer filed by the assignee, The Dow Chemical Company. No. 2,405,988; disclaimer filed June 20, 1951; v. 648; p. 1288.

Beekley, Francis Cheyney, West Hartford, Conn. Disclaimer filed by the assignee and trustee, The Glastonbury Bank & Trust Company, the inventor joining in. No. 2,350,010; disclaimer filed Feb. 16, 1951; v. 644; p. 666.

Bell, Paul Hadley, Noroton Heights, Conn. Disclaimer filed by the assignee, American Cyanamid Company. No. 2,493,382; disclaimer filed Feb. 10, 1951; v. 644; p. 344.

Beveridge, David D., Jr., Boston, Mass. Disclaimer filed by the assignee, National Pneumatic Co., Inc. No. 2,420,768; disclaimer filed June 15, 1951; v. 649; p. 11.

Blewett, John P., Scotia, N. Y. Disclaimer filed by the assignee, General Electric Company. No. 2,428,612; disclaimer filed Aug. 23, 1951; v. 652; p. 641.

Bodendieck, Henry W., Taylorville, Ill. Disclaimer filed by the patentee. No. 2,414,136; disclaimer filed Dec. 7, 1950; v. 642; p. 380.

Borg, Edward M., Seattle, Wash. Disclaimer filed by the inventor. No. 2,409,341; disclaimer filed Feb. 12, 1951; v. 644; p. 344.

Borg, Edward M., Seattle, Wash. Disclaimer filed by the inventor. No. 2,427,186; disclaimer filed Feb. 12, 1951; v. 644; p. 344.

Bradley, William E., Swarthmore, Pa. Disclaimer filed by the assignee, Philco Corporation. No. 2,484,798; disclaimer filed Dec. 21, 1950; v. 642; p. 1250.

Bradley, William E., Swarthmore, Pa. Disclaimer filed by the assignee, Philco Corporation. No. 2,485,031; disclaimer filed Sept. 28, 1951; v. 652; p. 14.

Brayton, Corey C., Oakland, Calif. Disclaimer filed by the assignee, American Brake Shoe Company. No. 2,545,134; disclaimer filed June 20, 1951; v. 648; p. 1288.

Broadway, Leonard Francis, Ickenham, and Albert Horace Atherton, Hayes, England. Disclaimer filed by the assignee, Electric & Musical Industries Limited. No. 2,508,141; disclaimer filed Feb. 1, 1951; v. 644; p. 344.

Brown, John F., Lima, Ohio. Disclaimer filed by the inventor. No. 2,514,740; disclaimer filed June 29, 1951; v. 649; p. 11.

Brown, Lemual G., Oklahoma City, Okla. Disclaimer filed by the assignee, J. E. Bush. No. 2,359,289; disclaimer filed May 18, 1951; v. 647; p. 1009.

Brown, William C., Lincoln, Mass. Disclaimer filed by the assignee, Raytheon Manufacturing Company. No. 2,509,419; disclaimer filed Aug. 6, 1951; v. 650; p. 336.

Busch, Charles R., Orange, N. J. Disclaimer filed by the assignee, Buffalo Brake Beam Company. No. 2,490,205; disclaimer filed Oct. 6, 1951; v. 652; p. 14.

Busch, Charles R., Orange, N. J. Disclaimer filed by the inventor and the assignee, Buffalo Brake Beam Company. No. 2,493,913; disclaimer filed Mar. 15, 1951; v. 645; p. 357.

Campbell, Kenneth N., and Barbara K. Campbell, South Bend, Ind. Disclaimer filed by the inventors; the assignee, Ivano, Inc., assenting and joining in. No. 2,523,496; disclaimer filed Feb. 7, 1951; v. 645; p. 357.

Carlile, Alfred E., Great Neck, N. Y. Disclaimer filed by the assignee, Talon, Inc. No. 2,460,124; disclaimer filed May 12, 1951; v. 647; p. 695.

Carnell, Paul H., Albion, Mich. Disclaimer filed by the assignee, Leonard Refineries, Inc. No. 2,560,632; disclaimer filed Oct. 17, 1951; v. 653; p. 604.

Carter, Ralph B., Jr., Maywood, N. J. Disclaimer filed by the inventor; the assignee, Frederick E. Stuart, agreeing and consenting to the extent set forth. No. 2,499,816; disclaimer filed Sept. 5, 1951; v. 651; p. 312.

Cerf, Gustave D., Livingston, N. J. Disclaimer filed by the assignee, Thomas A. Edison, Incorporated. No. 2,500,345; disclaimer filed Oct. 4, 1951; v. 651; p. 1268.

Cloud, William S., Wilmette, Ill. Disclaimer filed by the inventor. No. 2,514,028; disclaimer filed Nov. 30, 1951; v. 653; p. 888.

Coberly, Clarence J., Los Angeles, Calif. Disclaimer filed by the assignee, Kobe, Inc. No. 2,081,220; disclaimer filed June 4, 1951; v. 648; p. 328.

Comb, David M., Belmont, Calif. Disclaimer filed by the inventor. No. 2,477,511; disclaimer filed Feb. 5, 1951; v. 644; p. 9.

Cooley, Austin G., New York, N. Y. Disclaimer filed by the assignee, Times Facsimile Corporation; the inventor consenting. No. 2,492,621; disclaimer filed Jan. 9, 1951; v. 643; p. 8.

Curtiss, George E., Jr., Penn Wynne, Pa. Disclaimer filed by the assignee, Philco Corporation. No. 2,451,380; disclaimer filed Aug. 28, 1951; v. 651; p. 312.

Curtiss, George E., Jr., Penn Wynne, Pa. Disclaimer filed by the assignee, Philco Corporation. No. 2,451,381; disclaimer filed Aug. 28, 1951; v. 651; p. 312.

Dench, Edward C., South Orange, N. J. Disclaimer filed by the assignee, Westinghouse Electric Corporation. No. 2,200,443; disclaimer filed June 14, 1951; v. 648; p. 328.

Dickinson, Arthur H., Scarsdale, N. Y. Disclaimer filed by the assignee, International Business Machines Corporation. No. 2,402,989; disclaimer filed Mar. 16, 1951; v. 645; p. 1054.

Driggs, Louis L., Jr., Tippecanoe City, Ohio, and Henry B. Faber, New York, N. Y. Disclaimer filed by the assignee, The Kilgore Manufacturing Company. No. 1,947,834; disclaimer filed Jan. 22, 1951; v. 643; p. 338.

Ellis, Carleton, Montclair, N. J. Disclaimer filed by the assignee, Ellis-Foster Company. No. 2,033,131; disclaimer filed Aug. 1, 1951; v. 650; p. 336.

Eppler, Arthur H., Milwaukee, Wis. Disclaimer filed by the inventor. No. 2,462,480; disclaimer filed May 19, 1951; v. 649; p. 11.

Esmond, William G., Cumberland, Md. Disclaimer filed by the assignee, Celanese Corporation of America. No. 2,459,270; disclaimer filed May 18, 1951; v. 648; p. 328.

Fawick, Thomas L., Akron, Ohio. Disclaimer filed by the assignee, The Fawick Airflex Company, Inc. No. 2,251,445; disclaimer filed Nov. 18, 1950; v. 642; p. 1014.

Fiske, Milan D., Schenectady, and James M. Lafferty, Colonie, N. Y. Disclaimer filed by the assignee, General Electric Company. No. 2,407,068; disclaimer filed June 14, 1951; v. 649; p. 10.

Fiske, Milan D., and Chauncey G. Suits, Schenectady, N. Y. Disclaimer filed by the assignee, General Electric Company. No. 2,413,963; disclaimer filed June 14, 1951; v. 649; p. 10.

Fourneau, Ernest, Paris, France. Disclaimer filed by the assignee, Societe des Usines Chimiques Rhone Poulenc. No. 2,445,393; disclaimer filed Nov. 8, 1951; v. 653; p. 604.

Goldberg, Harold, Towson, Md. Disclaimer filed by the assignee, Bendix Aviation Corporation. No. 2,483,195; disclaimer filed June 6, 1951; v. 649; p. 326.

Gravley, Charles K., Cleveland Heights, Ohio. Disclaimer filed by the assignee, The Brush Development Company. No. 2,479,926; disclaimer filed Sept. 26, 1951; v. 652; p. 14.

Hall, Elisha W., Scituate, Mass. Disclaimer filed by the inventor. No. 2,462,741; disclaimer filed Jan. 22, 1951; v. 643; p. 696.

Hawkins, James E., Tulsa, Okla. Disclaimer filed by the inventor; the assignee, Seismograph Service Corporation, assenting. No. 2,513,315; disclaimer filed Oct. 16, 1951; v. 652; p. 315.

Hawkins, Roe C., Long Beach, Calif. Disclaimer filed by the assignees, Roe C. Hawkins, Esta F. Hixson, and Harold U. Thomas, doing business as Universal Truck Company. No. 2,150,503; disclaimer filed July 18, 1951; v. 649; p. 326.

Hays, Robert Fred, Jr., Bloomfield, N. J. Disclaimer filed by the assignee, Westinghouse Electric Corporation. No. 2,228,210; disclaimer filed June 14, 1951; v. 648; p. 328.

Hays, Russell R., Lawrence, Kans. Disclaimer filed by the inventor. No. 2,418,407; disclaimer filed Nov. 28, 1950; v. 642; p. 9.

Hepner, Charles, Chicago, Ill. Disclaimer filed by the inventor. No. 2,493,968; disclaimer filed Apr. 11, 1951; v. 646; p. 350.

Hintz, Otto E., Jr., Chicago, Ill. Disclaimer filed by the assignee, International Harvester Company. No. 2,477,983; disclaimer filed Apr. 27, 1951; v. 647; p. 13.

Hodgkins, Charles H., Fairfield, Conn. Disclaimer filed by the assignee, The Bryant Electric Company. No. 2,400,353; disclaimer filed June 14, 1951; v. 648; p. 328.

Howland, Louis H., Watertown, and James A. Reynolds, Naugatuck, Conn. Disclaimer filed by the assignee, United States Rubber Company. No. 2,556,651; disclaimer filed Sept. 12, 1951; v. 651; p. 1268.

Howlett, Thomas W., Detroit, Mich. Disclaimer filed by the assignee, Letts Drop Forge, Inc. No. 2,549,604; disclaimer filed Nov. 23, 1951; v. 653; p. 888.

Hull, Albert W., Schenectady, N. Y. Disclaimer filed by the assignee, General Electric Company. No. 2,468,554; disclaimer filed June 21, 1951; v. 648; p. 1288.

Jones, Clifford C., Washington, D. C. Disclaimer filed by the inventor. No. 2,078,854; disclaimer filed Oct. 17, 1951; v. 652; p. 641.

Kaler, Clifford P., Lansdale, Pa. Disclaimer filed by the inventor. No. 2,528,371; disclaimer filed Dec. 28, 1950; v. 642; p. 1014.

Kasperowicz, Henry, Passaic, N. J. Disclaimer filed by the assignee, Allen B. Du Mont Laboratories, Inc. No. 2,508,267; disclaimer filed Sept. 28, 1951; v. 652; p. 14.

Kather, Erich N., South Lincoln, Mass. Disclaimer filed by the inventor; the assignee, Raytheon Manufacturing Company, assenting. No. 2,529,950; disclaimer filed Sept. 29, 1951; v. 652; p. 14.

Kearby, Kenneth K., Cranford, N. J. Disclaimer filed by the assignee, Standard Oil Development Company. No. 2,469,733; disclaimer filed Dec. 2, 1950; v. 642; p. 9.

Kleinman, Jacob L., New York, N. Y. Disclaimer filed by the inventor. Re. No. 22,638; disclaimer filed May 16, 1951; v. 647; p. 695.

Koch, Winfield R., Haddonfield, N. J. Disclaimer filed by the assignee, Radio Corporation of America. No. 2,410,981; disclaimer filed Mar. 13, 1951; v. 645; p. 1054.

Koonter, Carlton G., Fairhaven, Mich. Disclaimer filed by the assignee, George C. Knight Company. No. 2,533,475; disclaimer filed July 16, 1951; v. 649; p. 326.

Lang, Gregor L., Longmeadow, Mass. Disclaimer filed by the inventor, the assignee, American Bosch Corporation, consenting. No. 2,497,307; disclaimer filed July 18, 1951; v. 649; p. 326.

Lange, Harold T., Webster Groves, Mo. Disclaimer filed by the assignee, Sporlan Valve Company; the inventor consenting. No. 2,443,581; disclaimer filed Nov. 1, 1950; v. 642; p. 1014.

Lawson, Walter E., Wilmington, Del. Disclaimer filed by the assignee, E. I. du Pont de Nemours and Company. No. 2,403,932; disclaimer filed Feb. 8, 1951; v. 644; p. 344.

Levy, Maurice Moise, London, England. Disclaimer filed by the assignee, International Standard Electric Corporation. No. 2,419,576; disclaimer filed Mar. 16, 1951; v. 645; p. 1054.

Lyons, Joseph L., Jr., Chicago, Ill. Disclaimer filed by the assignee, Empire Box Corporation. No. 2,239,564; disclaimer filed Oct. 12, 1951; v. 652; p. 315.

Lyons, Joseph L., Jr., Chicago, Ill. Disclaimer filed by the assignee, Empire Box Corporation. No. 2,296,937; disclaimer filed Oct. 12, 1951; v. 652; p. 315.

Lyons, Joseph L., Jr., Chicago, Ill. Disclaimer filed by the assignee, Empire Box Corporation. No. 2,339,278; disclaimer filed Oct. 12, 1951; v. 652; p. 315.

Lyons, Joseph L., Jr., Chicago, Ill. Disclaimer filed by the assignee, Empire Box Corporation. No. 2,393,114; disclaimer filed Oct. 12, 1951; v. 652; p. 315.

McKeever, Charles H., Glenside, and John O. Van Hook, Roslyn, Pa. Disclaimer filed by the assignee, Rohm & Haas Company. No. 2,542,551; disclaimer filed July 19, 1951; v. 650; p. 14.

Millendorf, Alfred J., Beacon, N. Y. Disclaimer filed by the assignee, The Texas Company. No. 2,445,795; disclaimer filed June 5, 1951; v. 649; p. 11.

Morway, Arnold J., Roselle, N. J. Disclaimer filed by the assignee, Jasco, Incorporated. No. 2,364,382; disclaimer filed Aug. 1, 1951; v. 650; p. 14.

Mounce, Whitman D., Houston, Tex. Disclaimer filed by the assignee, Standard Oil Development Company. No. 2,264,450; disclaimer filed Aug. 9, 1951; v. 650; p. 336.

Mouromtseff, Ilia E., Montclair, and George M. Dinnick, Bloomfield, N. J. Disclaimer filed by the assignee, Westinghouse Electric Corporation. No. 2,394,398; disclaimer filed Jan. 31, 1951; v. 643; p. 1063.

Newton, John C., Garden City, N. Y. Disclaimer filed by the assignee, The Sperry Corporation. No. 2,429,642; disclaimer filed Jan. 25, 1951; v. 643; p. 1063.

Nicol, John, Detroit, Mich. Disclaimer filed by the assignee, Divco Corporation. No. 2,233,323; disclaimer filed Feb. 27, 1951; v. 644; p. 951.

Nordsieck, Arnold T., New York, N. Y. Disclaimer filed by the assignee, United States of America as represented by the Secretary of the Army. No. 2,463,416; disclaimer filed Oct. 3, 1951; v. 651; p. 1268.

Norgaard, Donald E., Scotia, N. Y. Disclaimer filed by the assignee, General Electric Company. No. 2,465,113; disclaimer filed May 29, 1951; v. 650; p. 14.

Paget, Win W., Michigan City, Ind. Disclaimer filed by the assignee, Joy Manufacturing Company. No. 2,484,848; disclaimer filed Mar. 21, 1951; v. 645; p. 1054.

Pakala, William E., Pittsburgh, Pa. Disclaimer filed by the assignee, Westinghouse Electric Corporation. No. 2,490,087; disclaimer filed Nov. 7, 1951; v. 653; p. 299.

Peremi, Edmund, Bayside, Long Island, N. Y., and Louis Toth, Flushing, N. Y. Disclaimer filed by the assignee, General Bronze Corporation. Re. No. 23,045; disclaimer filed June 16, 1951; v. 648; p. 975.

Peremi, Edmund, and Louis Toth, Manhasset, N. Y. Disclaimer filed by the assignee, General Bronze Corporation. No. 2,077,808; disclaimer filed June 16, 1951; v. 648; p. 975.

Peremi, Edmund, and Louis Toth, Manhasset, N. Y. Disclaimer filed by the assignee, General Bronze Corporation. No. 2,084,355; disclaimer filed June 16, 1951; v. 648; p. 975.

Peremi, Edmund, and Louis Toth, Manhasset, N. Y. Disclaimer filed by the assignee, General Bronze Corporation. No. 2,084,776; disclaimer filed June 16, 1951; v. 648; p. 975.

Peremi, Edmund, Manhasset, and Louis Toth, Flushing, N. Y. Disclaimer filed by the assignee, General Bronze Corporation. No. 2,257,123; disclaimer filed June 16, 1951; v. 648; p. 975.

Peremi, Edmund, Manhasset, and Louis Toth, Flushing, N. Y. Disclaimer filed by the assignee, General Bronze Corporation. No. 2,304,063; disclaimer filed June 16, 1951; v. 648; p. 975.

Petersen, Nels H., Racine, Wis. Disclaimer filed by the assignee, Addison-Semmes Corporation. No. 2,476,623; disclaimer filed Apr. 13, 1951; v. 647; p. 13.

Phair, Harry W., Lyndhurst, N. J. Disclaimer filed by the inventor; the assignee, Fairchild Camera and Instrument Corporation, assenting. No. 2,469,782; disclaimer filed Oct. 22, 1951; v. 652; p. 910.

Powell, Melvin W., Pelham, Ga. Disclaimer filed by the inventor. No. 2,564,719; disclaimer filed Aug. 31, 1951; v. 651; p. 312.

Rainey, Clifton King, Knoxville, Tenn. Disclaimer filed by the assignee, Rainey Accounting Machine Company, Inc. No. 2,492,887; disclaimer filed Dec. 26, 1950; v. 642; p. 1250.

Rogoff, Julian, New Rochelle, N. Y. Disclaimer filed by the assignee, Burndy Engineering Company, Inc. No. 2,449,251; disclaimer filed Apr. 12, 1951; v. 646; p. 1065.

Roys, Carl S., West Chicago, Ill. Disclaimer filed by the assignee, Nader Engineering Company. No. 2,460,714; disclaimer filed Jan. 20, 1951; v. 643; p. 696.

Schaaf, Edward J., and Edwin F. Greedy, Anderson, Iowa. Disclaimer filed by the assignee, The Midwest Co. No. 2,434,124; disclaimer filed Sept. 28, 1951; v. 652; p. 14.

Schlesinger, Kurt, New York, N. Y. Disclaimer filed by the assignee, Columbia Broadcasting System, Inc. No. 2,458,532; disclaimer filed Nov. 3, 1951; v. 653; p. 299.

Schreyer, Edward P., Ridgefield, Conn. Disclaimer filed by the inventor. No. 2,475,572; disclaimer filed May 1, 1951; v. 647; p. 13.

Smith, McDonald D., Washington, D. C., and Gorham F. Freer, Arlington, Va. Disclaimer filed by the assignee, Mueller Co. No. 2,482,696; disclaimer filed May 31, 1951; v. 648; p. 328.

Smith, Roy M., Fairfield, and John R. Steegstra, Bridgeport, Conn. Disclaimer filed by the assignee, The Bryant Electric Company. No. 2,355,476; disclaimer filed June 14, 1951; v. 648; p. 328.

Spencer, Lloyd, Los Angeles, Calif. Disclaimer filed by the assignee, Lane-Wells Company. No. 2,092,337; disclaimer filed Mar. 1, 1951; v. 644; p. 951.

Spurlin, William G., Dearborn, Mich. Disclaimer filed by the assignee, Harry Ferguson, Inc. No. 2,502,805; disclaimer filed Jan. 16, 1951; v. 643; p. 338.

Stephens, Clarence L., Bayside, N. Y. Disclaimer filed by the assignee, Stephens Products Co., Inc. No. 2,146,237; disclaimer filed Aug. 13, 1951; v. 650; p. 336.

Stiefel, Karl J., Waltham, Mass. Disclaimer filed by the assignee, Raytheon Manufacturing Company. No. 2,415,116; disclaimer filed June 27, 1951; v. 649; p. 11.

Storer, Richard M., Denver, Colo. Disclaimer filed by the inventor. No. 2,503,305; disclaimer filed Oct. 8, 1951; v. 652; p. 641.

Teter, John W., Chicago, Ill. Disclaimer filed by the assignee, Sinclair Refining Company. No. 2,330,640; disclaimer filed Dec. 2, 1950; v. 642; p. 9.

Thornbery, John H., Milwaukee, Wis. Disclaimer filed by the assignee, Milwaukee Gas Specialty Company. No. 2,328,111; disclaimer filed Apr. 6, 1951; v. 646; p. 17.

Truell, Rohn, Princeton, N. J. Disclaimer filed by the assignee, Radio Corporation of America. No. 2,506,752; disclaimer filed Oct. 4, 1951; v. 652; p. 14.

Turnham, Ellis D., Houston, Tex. Disclaimer filed by the assignee, Supermarket Equipment Corporation. No. 2,242,408; disclaimer filed Apr. 16, 1951; v. 646; p. 350.

Tyrrell, Warren A., Fairhaven, N. J. Disclaimer filed by the assignee, Bell Telephone Laboratories, Incorporated. No. 2,410,114; disclaimer filed Apr. 12, 1951; v. 646; p. 1065.

Wadleigh, George R., Hastings on Hudson, N. Y. Disclaimer filed by the assignee of one-half interest, West Virginia Pulp & Paper Company. No. 2,487,202; disclaimer filed Jan. 13, 1951; v. 643; p. 696.

Webster, Benjamin C., Fairfield, Conn. Disclaimer filed by the assignee, The Bryant Electric Company. No. 2,447,676; disclaimer filed Dec. 12, 1950; v. 642; p. 380.

Weston, Simeon, New York, N. Y. Disclaimer filed by the assignee, Federal Telephone and Radio Corporation. No. 2,459,859; disclaimer filed Mar. 9, 1951; v. 645; p. 1054.

Whitmoyer, Clarence Walter, and William James Moore, Myerstown, Pa. Disclaimer filed by the assignee, Whitmoyer Laboratories, Inc. No. 2,382,193; disclaimer filed May 16, 1951; v. 647; p. 1009.

Windaus, Adolf, and Friedrich Schenck, Gottingen, Germany. Disclaimer filed by the assignee, E. I. du Pont de Nemours and Company. No. 2,098,984; disclaimer filed Jan. 30, 1951; v. 643; p. 1063.

923445—P——59

Windaus, Adolf, Goettingen, and Friedrich Schenck, Wuppertal-Elberfeld, Germany. Disclaimer filed by the assignee, E. I. du Pont de Nemours and Company. No. 2,099,550; disclaimer filed June 30, 1951; v. 649; p. 10.

Witzel, Ernst, Milwaukee, Wis. Disclaimer filed by the assignee, Milwaukee Gas Specialty Company. No. 2,506,403; disclaimer filed Apr. 6, 1951; v. 646; p. 350.

Wolfert, Edward R., Springfield, Mass. Disclaimer filed by the assignee, Westinghouse Electric Corporation. No. 2,296,822; disclaimer filed Feb. 16, 1951; v. 644; p. 951.

Wolff, Irving, Princeton, N. J. Disclaimer filed by the assignee, Radio Corporation of America. No. 2,433,804; disclaimer filed June 7, 1951; v. 648; p. 328.

1951

LIST OF INVENTIONS

This list includes reissue inventions

Abbé type refractometer. J. W. Forrest and R. F. E. Stegeman. 2,574,734, Nov. 13.
Abrading apparatus. F. F. Klett. 2,554,830, May 29.
Abrading device. F. Postma. 2,548,445, Apr. 10.
Abrading means, Beet crown. V. F. Bozeman and C. W. Walz. 2,538,351, Jan. 16.
Abrading operation and apparatus useful therein. J. S. Stewart. 2,568,096, Sept. 18.
Abrading shoe leather. F. Stuckler. 2,545,392, Mar. 13.
Abrading the interior surfaces of hollow ware. R. G. Riedesel and L. A. Martin. 2,573,220, Oct. 30.
Abrading tool. E. Robbins. 2,547,837, Apr. 3.
Abrading wheel. E. W. Hall. 2,556,966, June 12.
Abrasion-resistant castings, Making. N. R. Peterson and R. L. Brown. 2,565,518, Aug. 28.
Abrasive article. C. E. Wooddell, G. Van Nimwegen, and E. T. Hager. 2,577,060, Dec. 4.
Abrasive article and manufacturing the same, Resin bonded. K. G. Ries, N. P. Robie, and P. von Doenhoff. 2,559,664, July 10.
Abrasive article bonded with a methyl pentadiene synthetic elastomer and manufacturing the same. C. von Doenhoff. 2,552,500, May 8.
Abrasive article, Composite. G. J. Goepfert and E. E. Howard. 2,557,047, June 12.
Abrasive articles and manufacturing the same. N. P. Robie and O. L. Mahlman. Re. 23,387, July 3.
Abrasive articles and the manufacture thereof, Borofluoride bonded. P. Neven. 2,536,953, Jan. 2.
Abrasive articles, Coated. R. P. Carlton. 2,536,871, Jan. 2.
Abrasive bodies and making same. F. A. Hessel and J. B. Rust. 2,559,122, July 3.
Abrasive cutoff wheel. K. M. Taylor. 2,564,217, Aug. 14.
Abrasive device. H. U. Gallagher. 2,570,107, Oct. 2.
Abrasive disk backup pad. F. De Michel. 2,573,411, Oct. 30.
Abrasive insert for rubber tires. T. W. Dunlap. 2,572,996, Oct. 30.
Abrasive mix. L. M. Debing. 2,563,774, Aug. 7.
Abrasive products, Ceramically bonded diamond. S. R. De Laney. 2,566,828, Sept. 4.
Abrasive salvaging apparatus. L. M. Gilbert and C. G. Derr. 2,568,063, Sept. 18.
Abrasive sheets and belts. W. J. McNamara and J. H. Kugler. 2,545,484, Mar. 20.
Abrasive sleeve holder. G. A. Larson. 2,548,166, Apr. 10.
Abrasive suspensions. W. E. Boak. 2,548,582, Apr. 10.
Abrasive tool. E. T. Andresen. 2,537,252, Jan. 9.
Abrasive wheel. G. J. Goepfert and L. L. Cofran. 2,540,112, Feb. 6.
Abrasive wheel. A. S. Titcomb. 2,541,844, Feb. 13.
Absorbent glass container. H. A. Hamm. 2,568,623, Sept. 18.
Absorbent pad. G. A. Bricmont. 2,548,341, Apr. 10.
Absorber cooler in refrigerator, Controlled. C. C. Coons. 2,544,916, Mar. 13.
Absorbing gases in liquids. H. W. Doughty. 2,545,654, Mar. 20.
Absorbing means for delay lines. D. L. Arenberg. 2,577,500, Dec. 4.
Absorption refrigeration. N. E. Berry. 2,563,574, Aug. 7.
Absorption refrigeration. N. E. Berry. 2,563,575, Aug. 7.
Absorption refrigeration. C. C. Coons. 2,566,171, Aug. 28.
Absorption refrigeration. W. G. Kogel. Re. 23,442, Dec. 18.
Absorption refrigeration. W. G. Kögel. 2,538,010–12, Jan. 16.
Absorption refrigeration. W. G. Kögel. 2,538,874, Jan. 23.
Absorption refrigeration. P. P. S. B. Strandberg. 2,538,058, Jan. 16.
Absorption refrigeration, Inert gas. W. G. Kögel. 2,538,013, Jan. 16.
Absorption refrigeration system. A. G. Hellstrom. 2,561,369, July 24.
Absorption spectrometry with use of radio-frequency modulated light source. G. A. D. Touvet. 2,559,688, July 10.
Abstracting hot gas from the exhausts of gas-turbine engines. R. Janes, 2,572,346, Oct. 23.
Abutment for automobile frame presses. L. V. Jacobsen and G. G. Gosline. 2,547,757, Apr. 3.
Accelerating composition. R. B. Hill. 2,567,710, Sept. 11.
Accelerating device for gas pressure regulators used in engine feed systems. P. W. Ensign. 2,563,228, Aug. 7.
Accelerating ions. E. E. Hays. 2,576,601, Nov. 27.
Accelerating the growth of microorganisms. R. F. Shropshire. 2,578,491, Dec. 11.
Acceleration element for fuel controlling means for internal-combustion engines. H. W. Hanners and C. W. Areson. 2,571.571, Oct. 16.
Acceleration of polymerization of polymerizable materials. J. A. Loritsch. 2,553,325, May 15.
Acceleration responsive device with integrating means. F. C. Woolson, H. S. Snyder, and R. H. Jacobs. 2,577,061, Dec. 4.
Accelerator and brake control. J. S. Ching, Sr. 2,553,080, May 15.
Accelerator control device. S. N. Laverents. 2,568,454, Sept. 18.
Accelerator controlling device. C. J. Bianca, Sr. 2,568,481, Sept. 18.
Accelerator for charged particles, Linear. J. R. Pierce. 2,556,978, June 12.
Accelerator, Induction. D. W. Kerst. 2,545,958, Mar. 20.
Accelerator locking assembly. S. F. Clark. 2,562,017, July 24.
Accelerator, Magnetic induction. R. Wideroe. 2,550,212, Apr. 24.
Accelerator, Magnetic induction. K. J. R. Wilkinson and C. J. Milner. 2,540,853, Feb. 6.
Accelerator, Magnetic resonance particle. N. Christofilos. 2,567,904, Sept. 11.
Accelerator pedal depressor. A. I. Seeler. 2,566,859, Sept. 4.
Accelerators for addendum type resins. H. L. Gerhart. 2,578,690, Dec. 18.
Accelerometer. J. G. Burmist. 2,557,173, June 19.
Accelerometer. R. O. Fehr, A. H. Fiske, Jr., and R. J. Wells. 2,536,802, Jan. 6.
Accelerometer. H. C. Maynard. 2,564,705, Aug. 21.
Accelerometer. L. D. Statham. 2,573,285, Oct. 30.
Accelerometer. R. H. Varian. 2,554,512, May 29.
Accelerometer, Electromagnetic. J. G. King. 2,552,722, May 15.
Accelerometer testing device. G. K. Newell. 2,540,754, Feb. 6.
Accelerometer unit. C. M. Hathaway. 2,570,672, Oct. 9.
Accessory drive and coupling. F. W. Edwards. 2,537,335, Jan. 9.
Accessory drive for turbo-jet engines. R. M. Williams. 2,566,049, Aug. 28.
Accessory driving mechanism for railway cars. H. E. Roberts. 2,554,682, May 29.
Accessory for bathtubs, Reclining. W. C. C. Burton. 2,541,029, Feb. 13.
Accessory system for motor vehicles. A. Rappl. 2,538,327, Jan. 16.
Accessory system operable by either of two suction sources. A. Rappl. 2,560,306, July 10.
Accommodating lug construction for collars of roof vents. S. Epstein. 2,563,710, Aug. 7.
Accordion. D. E. Noble. 2,546,076, Mar. 20.
Accordion. R. R. Rieschick. 2,576,480, Nov. 27.
Accordion. A. J. Yeager. 2,550,320, Apr. 24.
Accordion bass section. W. B. Ahern and A. J. Walt. 2,556,408, June 12.
Accordion folding door. G. E. Dixon, Jr. 2,579,910, Dec. 25.
Accordion stand. J. A. Mooney. 2,580,120, Dec. 25.
Accordion with auxiliary keyboard. L. R. Stahl. 2,546,022, Mar. 20.
Accountant's apparatus. C. F. Wolters. 2,564,589, Aug. 14.
Accounting aid. F. A. Howard, Jr. 2,573,570, Oct. 30.
Accounting machine. E. J. Carey and L. D. Kilheffer. 2,536,837, Jan. 2.
Accounting machine. J. T. Davidson, P. H. Williams, and L. N. Lehman. 2,540,189, Feb. 6.
Accounting machine, Electronic. R. L. Palmer and B. E. Phelps. 2,536,955, Jan. 2.
Accounting machine for comparing totals on two accumulators. E. J. Rabenda. 2,573,356, Oct. 30.
Accounting machine having two forms of item entering mechanisms, Record controlled. H. S. Beattie, R. E. Page, and E. J. Rabenda. 2,551,088, May 1.
Accounting machine with means for handling positive and negative balances. E. J. Rabenda. 2,569,830, Oct. 2.
Accounting sheet. F. W. Trumbull. 2,576,490, Nov. 27.

Accumulating means for sequential sampling. W. P. Koechel. 2,556,374, June 12.
Accumulator. E. D. Johnson and C. F. Wall. 2,540,676, Feb. 6.
Accumulator. J. Mercier. 2,558,770, July 3.
Accumulator. R. S. Miller. 2,543,585, Feb. 27.
Accumulator and dehydrator, Refrigeration. R. O. Balogh. 2,548,335, Apr. 10.
Accumulator control for tabulating machines. W. Wockenfuss. 2,562,250. July 31.
Accumulator engaging mechanism for adding and subtracting machines. G. V. Liljeström. 2,580,031, Dec. 25.
Accumulator shell sealing plug. J. Mercier and E. M. Greer. Re. 23,343, Feb. 20.
Accumulator system and control. E. J. Svenson. 2,566,381, Sept. 4.
Accumulator with electrodes of graphite material. P. W. Haayman, F. C. Romeyn, and E. J. W. Verwey. 2,540,446, Feb. 6.
Acenaphthenyl amino alcohols. J. F. Kerwin and G. E. Ullyot. 2,574,150, Nov. 6.
Acetals and β-haloaldehydes, Production of. J. W. Copenhaver. 2,550,637, Apr. 24.
Acetals of propargyl alcohol. F. Fahnoe. 2,563,325, Aug. 7.
Acetals of trihalo propionaldehyde and preparing same. J. W. Copenhaver. 2,556,905, June 12.
Acetals, Preparation of. A. A. Dolnick and M. Potash. 2,566,559, Sept. 4.
Acetarylamides, Production of. E. S. Pemberton. 2,551,046–7, May 1.
Acetic acid, Manufacture of. W. H. Groombridge. 2,556,271, June 12.
Acetoacetic amides of β,γ-ethylenically unsaturated amines. G. D. Jones. 2,561,205, July 17.
Acetoacetic-arylides. R. P. Parker, G. R. Waitkins, and F. H. Adams. 2,542,565, Feb. 20.
Acetone cyanohydrin, Preparation of. H. S. Davis. 2,537,814, Jan. 9.
Acetone-diphenylamine condensation products, Manufacture of. I. Mankowich. 2,562,803, July 31.
Acetone-formaldehyde resins. C. F. Schrimpe. 2,538,884, Jan. 23.
Acetone resin. C. F. Schrimpe. 2,570,389, Oct. 9.
Acetone resin modified phenol resins. C. F. Schrimpe. 2,545,559, Mar. 20.
Acetone-soluble unsaturated copolymerizate of a di-2-alkenyl itaconate and a 2-alkenyl chloride. P. O. Tawney. 2,569,959, Oct. 2.
Acetone-soluble unsaturated interpolymer of a di-2-alkenyl itaconate, a styrene, and a 2-alkenyl chloride. P. O. Tawney. 2,569,960, Oct. 2.
Acetophenone from alpha-methyl styrene, Preparation of. G. R. Bond, Jr. 2,542,985, Feb. 27.
Acetylene generation from hydrocarbons. S. P. Robinson. 2,561,996, July 24.
Acetylene generator. R. R. L. Geffroy. 2,543,662, Feb. 27.
Acetylene manifold. J. J. Crowe. 2,563,989, Aug. 14.
Acetylene manufacture. S. P. Robinson. 2,549,240, Apr. 17.
Acetylene, Manufacture of. S. P. Robinson. 2,572,664, Oct. 23.
Acetylenic alcohols and acetylenic gamma-glycols, Manufacture of. A. Brothman, H. Gold, and P. Levine. 2,536,028, Jan. 2.
Acetylsulfanilyl-s-alkyl isothioureas. E. H. Cox and J. M. Sprague. 2,557,633, June 19.
Acid concentration. R. L. Teeter and H. B. Jones. 2,541,486, Feb. 13.
Acid dyeing process using alkane-sulfonic acids. A. M. Schwartz. 2,572,954, Oct. 30.
Acid extraction of mixed olefin hydrocarbons. C. E. Morrell and R. F. Robey. 2,560,362, July 10.
Acid-fading inhibition using dibenzylethylenediamine. V. S. Salvin and J. R. Adams, Jr. 2,546,167, Mar. 27.
Acid-fading inhibition with certain p,p′-diaminodiphenylcyclohexane compounds. J. J. Hayden. 2,536,640, Jan. 2.
Acid hydrolysis of proteins. F. L. Rigby. 2,578,946, Dec. 18.
Acid-modified copolymers of drying oil acids, maleic-polyhydric alcohol esters, and making same. F. B. Root. 2,559,466, July 3.
Acid pump. P. Balletto. 2,575,508, Nov. 20.
Acid-resistant electrical immersion heater. E. H. Briscoe. 2,566,921, Sept. 4.
Acid-soluble titania slags, Production of. R. S. I. McLaren. 2,537,229, Jan. 9.
Acid-treated clay catalyst for cracking hydrocarbons. G. R. Bond, Jr. 2,551,580, May 8.
Acid-treating clay. G. Stecker. 2,574,895, Nov. 13.
Acid zinc electroplating and electrolyte therefor. A. E. Chester. 2,576,997, Dec. 4.
Acid zinc electroplating compositions and method. A. E. Chester and K. J. Ackermann. 2,537,032, Jan. 9.
Acidified aqueous emulsions of polyvinyl acetate containing hydroquinone and making. W. E. Donahue and S. B. Luce. 2,576,827, Nov. 27.
Acidifying compound for photographic baths. L. E. Muehler. 2,548,552, Apr. 10.
Acidizing gas wells. E. S. Villines. 2,549,728, Apr. 17.
Aconitic acid, Manufacture of. H. A. Cranston. 2,566,172, Aug. 28.
Acoustic measuring apparatus. J. C. Webster. 2,571,979, Oct. 16.
Acoustic ranging system, including magnetic recording. D. H. Weinstein and M. Keiser. 2,573,748, Nov. 6.
Acrolein from glycerol, Production of. H. E. Hoyt and T. H. Manninen. 2,558,520, June 26.
Acrylates, polymers, and copolymers. F. W. Cox and J. M. Wallace, Jr. 2,575,585, Nov. 20.
Acrylic acid esters containing a dialkylphosphono group and polymers prepared therefrom. J. B. Dickey and H. W. Coover. 2,559,854, July 10.
Acrylic nitrile, Production of. J. Zwilling, H. Bassoli, and C. Granger. 2,579,638, Dec. 25.
Acrylic resin, Multicellular. J. R. McLoughlin. 2,548,438, Apr. 10.
Acrylonitrile copolymers. A. L. Allewelt. 2,560,680, July 17.
Acrylonitrile copolymers and producing them. D. W. Chaney. 2,537,031, Jan. 9.
Acrylonitrile-isobutylene copolymer synthetic resin latex. J. A. Davison. 2,575,750, Nov. 20.
Acrylonitrile polymer mixed with copolymer of vinyl acetate and isopropenyl acetate. T. E. Stanin and J. B. Dickey. 2,571,777, Oct. 16.
Acrylonitrile polymer spinning. H. A. Bruson and G. S. Hooper. 2,570,201, Oct. 9.
Acrylonitriles, Making. H. W. Schulz and A. E. Pufahl. 2,562,583, July 31.
Acrylyl sulfanilamides and polymers thereof. J. R. Caldwell. 2,566,162, Aug. 28.
Acrylyl-triazene polymerization products. E. Zerner, M. Gradsten, and F. W. West. 2,559,694, July 10.
Action blocking or locking mechanism for power-operated typewriters or like machines. J. F. Kloski. 2,557,976, June 26.
Activated carbon, Manufacture of. J. W. Donegan. 2,549,298, Apr. 17.
Activating alkali metals. L. Tiganik. 2,577,289, Dec. 4.
Activating cellulose to prepare it for esterification. J. C. Lackey and H. G. Reed. 2,552,190, May 8.
Activating oxide coated cathodes. H. Jacobs. 2,548,110, Apr. 10.
Activating process for plating. R. M. Wagner. 2,574,305, Nov. 6.
Activation of oxalate metal coating compositions. R. C. Gibson. 2,577,887, Dec. 11.
Activators for p quinone dioxime cures. L. B. Turner and W. C. Smith. 2,548,505, Apr. 10.
Actuating and counterbalancing mechanism for overhead horizontally hinged closures. G. W. Sjoboen. 2,540,761, Feb. 6.
Actuating and locking means for the handles of plier type tools. W. Sarvie. 2,539,865, Jan. 30.
Actuating and parking mechanism for windshield wipers. R. F. Gamundi. 2,570,109. Oct. 2.
Actuating apparatus for sound systems. P. H. Case, P. L. Karr, and H. J. Koeber, Jr. 2,545,941, Mar. 20.
Actuating means for dumping hayrakes, Automatic trip. C. L. Uthaug. 2,548,083, Apr. 10.
Actuating means for fastener driving machines. J. G. Soave. 2,580,135, Dec. 25.
Actuating means for metal parts washers, Pneumatic. C. B. Shanaman. 2,559,472, July 3.
Actuating mechanism for collets and the like. L. R. Evans. 2,545,610, Mar. 20.
Actuating system for air-brake mechanism. C. J. Keim, A. R. Maier, and A. Quayle. 2,544,997, Mar. 13.
Actuator and latching mechanism, Folding leg. J. Benvissuto. 2,546,816, Mar. 27.
Actuator for clutches. L. Ochtman. 2,548,269, Apr. 10.
Actuator for door opening mechanisms. J. P. Burke. 2,536,489, Jan. 2.
Actuator for door opening mechanisms. J. P. Burke. 2,564,750, Aug. 21.
Actuator for gun firing mechanisms. V. F. Lucht. 2,576,953, Dec. 4.
Actuator for hoist pit closures. T. O. Snider. 2,577,377, Dec. 4.
Actuator for hydraulic valves, Fluid pressure-operated. H. M. Purcell. 2,568,254, Sept. 18.
Actuator for power-operated adjustable beds. G. D. McVicker. 2,541,529, Feb. 13.
Actuator for thermally responsive control devices. D. A. Brown. 2,548,941, Apr. 17.
Actuator, Vane type hydraulic. A. Keller and S. B. McLeod. 2,553,973, May 22.
Actuator with pilot control, Power. F. B. Small. 2,569,585, Oct. 2.
Acyclic generator. D. B. Clark. 2,539,569, Jan. 30.
Acyclic polyfluorinated olefins and their preparation. G. H. Denison, Jr., and A. Goldschmidt. 2,549,580, Apr. 17.
Acyl-acetoacetic anilides, Production of aromatic. M. Schmid. 2,538,168, Jan. 16.
Acylamido-acetobiphenyls. L. L. Bambas. 2,543,266, Feb. 27.
Acylamido-hydroxy-propionaphthones. L. M. Long and H. D. Troutman. 2,545,092. Mar. 13.
Acylamido-phenylpropanediols. H. M. Crooks, Jr., M. C. Rebstock, J. Controulis, and Q. R. Bartz. 2,538,764, Jan. 23.

Acylamino acetophenones and preparation thereof. L. M. Long. 2,546,762, Mar. 27.
Acylamino-acyloxy-propionaphthones. L. M. Long and H. D. Troutman. 2,545,093, Mar. 13.
Acylamino-anthraquinone vat dyestuffs. E. Moergeli. 2,567,821, Sept. 11.
Acylcarbamylguanidines, Preparation of. D. E. Nagy. 2,548,231, Apr. 10.
Acyl fluorides, Preparation of. W. F. Gresham and I. D. Webb. 2,570,793, Oct. 9.
Acyl ureide preparation. E. W. Eckey and A. D. Abbott. 2,574,864, Nov. 13.
Acylated amino diols. L. L. Bambas. 2,543,269, Feb. 27.
Acylated derivatives of certain diamino distyrylbenzene disulfonic acids. H. Häusermann and R. Zweidler. 2,547,910, Apr. 3.
Acylated keto amido alcohols. L. L. Bambas. 2,543,268, Feb. 27.
Acylating castor oil. C. H. Fisher and M. L. Fein. 2,562,900, Aug. 7.
Acylation of amino stilbene sulfonic acids. W. P. Munro. 2,563,354, Aug. 7.
Acylation of aminosulfonic acids of dibenzothiophene. M. Scalera and W. S. Forster. 2,573,652, Oct. 30.
Acylation of diarylguanidine salts of diaminostilbene sulfonic acids. H. Z. Lecher and D. R. Eberhart. 2,580,234, Dec. 25.
Acylation with conjugated diene acids. L. Shechter. 2,552,872, May 15.
Acyloxymethyl substituted siloxanes. J. L. Speier, Jr. 2,550,205, Apr. 24.
Acyloxymethylene-pentenoates. W. J. Croxall and J. O. Van Hook. 2,540,070, Jan. 30.
Acyloxy polymethine dye intermediates. E. Van Lare and L. G. S. Brooker. 2,575,373, Nov. 20.
Adapter. E. H. Shaff. 2,538,919, Jan. 23.
Adapter for a "Smith-Peterson" nail. A. S. Lloyd. 2,557,669, June 19.
Adapter for fuel can spout for accommodation of nozzles of different diameters. R. J. Miksis. 2,556,627, June 12.
Adapter for incandescent electric lamp bases. J. W. Hipelius. 2,564,974, Aug. 21.
Adapter for mounting cameras upon tripods. M. C. Guest. 2,536,170, Jan. 2.
Adapter for radial grinding attachments. E. Vidales. 2,572,220, Oct. 23.
Adapter for snap gauges. A. H. Emery. 2,580,009, Dec. 25.
Adapter for wall-type outlet boxes. C. J. Bindel. 2,568,942, Sept. 25.
Adapter for windshield wiper motors. R. I. Lappin and L. Zaiger. 2,538,750, Jan. 23.
Adapter means for supporting the air lines of railroad cars. T. H. Birch and V. L. Green. 2,559,753, July 10.
Adapter pulley for motor vehicle generators. J. M. Carlin and C. H. Rentz. 2,550,223, Apr. 24.
Adapter saddle for vehicle hoist. S. A. and V. J. Campagna. 2,568,271–2, Sept. 18.
Adapting decimal accumulators to nondecimal systems of notations. R. H. Strother. 2,557,804, June 19.
Adding device, Pocket. F. J. Perillo. 2,545,555, Mar. 20.
Adding machine. I. Engstrom. 2,542,403, Feb. 20.
Adding machine, Plastic. P. Cummins. 2,541,463, Feb. 13.
Adding magnesium to cast iron. J. F. Jordan. 2,543,853, Mar. 6.
Adding unit for race totalisators. A. F. and G. A. Julius. 2,541,587, Feb. 13.
Addition agent. K. D. Millis, A. P. Gagnebin, and N. B. Pilling. 2,563,859, Aug. 14.
Addition agents for mineral oil lubricants. H. G. Smith, T. L. Cantrell, and J. G. Peters. 2,545,113, Mar. 13.
Addition of a desiccant to a fluidized iron reduction process. W. L. Slater, Jr. 2,550,609, Apr. 24.
Addition product of diester of dithiophosphoric acid and maleic acid and its esters, and preparation. J. T. Cassaday. 2,578,652, Dec. 18.
Addition products of acetylene and their preparation. G. H. Kalb and J. C. Sauer. 2,540,736, Feb. 6.
Addition products of esters comprising a polyhydric alcohol esterified with drying oil acids and an alkenol-dicarboxylic acid monoester and making same. J. B. Rust. 2,570,385, Oct. 9.
Addition salts of chloromethyl derivatives of vat dyestuffs and making same. S. Coffey, N. H. Haddock, F. Lodge, J. Wardleworth, and C. Wood. 2,544,825, Mar. 13.
Additives for hydrocarbon oils. J. D. Bartleson. 2,572,000, Oct. 23.
Additives for lubricating oils, Manufacture of extreme pressure. K. C. Roberts. 2,549,525, Apr. 17.
Addressing machine, Bed and platen hectographic. J. A. Weber. 2,542,443, Feb. 20.
Adducts of 9,11-oxido-bisnor-choladienic acids. R. H. Levin. 2,576,949, Dec. 4.
Adducts of 1-alkenes with polyhalogenated alkanes. M. S. Kharasch. 2,574,832, Nov. 13.
Adducts of quinones and dialkyl phosphites. E. C. Ladd. and M. P. Harvey. 2,553,417, May 15.
Adhering metal foil to non-metallic carrying webs. R. S. Reynolds. 2,568,463, Sept. 18.
Adhering vinyl resin surfaces. T. C. Morris and E. C. Johnson. 2,572,877, Oct. 30.
Adhesive. P. V. Palmquist and D. J. Douglas. 2,543,799, Mar. 6.
Adhesive and adhesive tape, Pressure-sensitive. C. J. Ebel. 2,553,816, May 22.
Adhesive and laminated structure. C. M. Carson. 2,541,689, Feb. 13.
Adhesive applicator. M. B. Gwinn. 2,558,084, June 26.
Adhesive applying apparatus. A. W. Moffat. 2,564,493, Aug. 14.
Adhesive aplying machine. A. W. Moffat and W. E. Whitney. 2,564,492, Aug. 14.
Adhesive applying machine. E. W. Quackenbush. 2,546,522, Mar. 27.
Adhesive applying means. J. M. Brown. 2,536,907, Jan. 2.
Adhesive cementing and coating composition. A. L. Finn. 2,537,982, Jan. 16.
Adhesive composition. J. E. Fenn. 2,579,481, Dec. 25.
Adhesive composition. J. E. Fenn. 2,579,483, Dec. 25.
Adhesive composition. W. B. Kinney. 2,570,561, Oct. 9.
Adhesive composition and making. L. F. Fiedler and P. J. Leakey. 2,575,265, Nov. 13.
Adhesive composition containing isobutylene-conjugated diolefin copolymer. J. B. Kirkland and R. R. Lamm. 2,537,766, Jan. 9.
Adhesive composition for metal foil to paper laminating. C. R. Erikson. 2,544,146, Mar. 6.
Adhesive composition of sulphite waste liquor, phosphoric acid, and sulfur dioxide. J. E. Fenn. 2,579,482, Dec. 25.
Adhesive comprising an aqueous dispersion of albumin and an isobutylene-diolefin copolymer, Container closure. J. A. Benner. 2,557,169, June 19.
Adhesive, Dust filter. G. D. Jefferson and E. K. Stigger. 2,538,199, Jan. 16.
Adhesive for bonding plasticized polyvinyl halide-containing resin surfaces and bonding such surfaces. C. F. Ruebensaal. 2,569,954, Oct. 2.
Adhesive for use in making skin tests of specific biological reactions for various diseases, Inert transdermal. H. J. Corper. 2,554,241, May 22.
Adhesive material. B. W. Burdine. 2,552,664, May 15.
Adhesive material, Expandible. O. A. Berman. 2,555,564, June 5.
Adhesive of water remoistenable type from lignin sulfonic acid and polyvinyl alcohol and process involved in its preparation and use. D. S. Bruce and H. L. Heise. 2,544,585, Mar. 6.
Adhesive, Pressure-sensitive. W. E. Holland, C. O. Pike, and E. S. Voutetakis. 2,551,600, May 8.
Adhesive sheet and making same. E. F. Guillot. 2,561,362, July 24.
Adhesive tape. W. Eustis. 2,572,459, Oct. 23.
Adhesive tape dispenser. T. H. Krueger. 2,576,404, Nov. 27.
Adhesive tape package. E. W. Lewis and C. H. Watson. 2,574,152, Nov. 6.
Adhesive tape, Pressure-sensitive. W. Eustis. 2,572,458, Oct. 23.
Adhesive tape, Pressure-sensitive. W. Kellgren. 2,548,980, Apr. 17.
Adhesive tape, Pressure-sensitive. J. H. Kugler and W. E. Lundquist. 2,544,692, Mar. 13.
Adhesive tapes and sheets. J. E. A. Hopkins, C. E. Frick, and P. Van Cleef. 2,555,745, June 5.
Adhesive, Water-resistant. E. E. Moore. 2,544,714, Mar. 13.
Adhesives, Dust filter. J. D. Brandner. 2,538,187, Jan. 16.
Adipic acid process. C. H. Hamblet and A. McAlevy. 2,557,282, June 19.
Adipic acid, Production of. J. C. Hillyer and J. T. Edmonds. 2,551,675, May 8.
Adjustable and foldable desk and drawing board. T. B. Crayton. 2,555,575, June 5.
Adjustable and nonslotted extension member for doors. G. P. and W. N. Ray. 2,579,861, Dec. 25.
Adjustable and yieldable male bending die. V. Wildman. 2,568,691, Sept. 18.
Adjustable back rest folding chair. B. F. Wozniak. 2,547,897, Apr. 3.
Adjustable ball cock valve. L. A. Couture. 2,571,206, Oct. 16.
Adjustable bearing. J. B. Armitage and O. W. Barker. 2,557,405, June 19.
Adjustable bearing for disk harrows and the like. W. R. McKay. 2,566,991, Sept. 4.
Adjustable bed table. H. E. Heuser. 2,547,642, Apr. 3.
Adjustable blind and curtain support. J. Trimarchi and L. Pezza. 2,561,157, July 17.
Adjustable block gauge. I. Tornansky. 2,544,192, Mar. 6.
Adjustable book cover. A. Cohn. 2,560,087, July 10.
Adjustable bracket. L. E. and R. M. Kanter. 2,542,872, Feb. 20.
Adjustable bracket. W. H. Woodward. 2,572,231, Oct. 23.
Adjustable brake latch. O. N. Whitefield. 2,569,841, Oct. 2.
Adjustable cake cutter. J. W. McDevitt. 2,571,465, Oct. 16.
Adjustable cam. C. W. Bryant. 2,573,638, Oct. 30.
Adjustable chair. R. A. Cramer. 2,538,507, Jan. 16
Adjustable chair. J. M. Dorton. 2,560,688, July 17

Adjustable chair. J. E. and E. M. Voelker, and J. W. Sabbagh. 2,549,869, Apr. 24.
Adjustable clamp F. L. Button. 2,550,001, Apr. 24.
Adjustable comparator. J. C. Nilsson. 2,568,558, Sept. 18.
Adjustable concrete form clamp. W. Kittas. 2,538,526, Jan. 16.
Adjustable crank device. R. I. Lappin and L. Zaiger. 2,566,843, Sept. 4.
Adjustable crankshaft bearing. A. S. Parks and B. C. Chandler. 2,564,076, Aug. 12.
Adjustable dental tray for making artificial dentures. J. W. Robinson. 2,579,965, Dec. 25.
Adjustable eaves trough support. P. Dodson. 2,577,006, Dec. 4.
Adjustable eccentric. H. M. Stueland. 2,568,937, Sept. 25.
Adjustable electric plug. K. F. Ferguson. 2,570,784, Oct. 9.
Adjustable electrode spark plug. E. A. McDonald. 2,540,453, Feb. 6.
Adjustable empennage. C. L. Johnson. 2,580,176, Dec. 25.
Adjustable feed mechanism for sewing machines. R. L. Hoffmeister. 2,577,705, Dec. 4.
Adjustable filter darkroom light. A. H. Golden. 2,545,274, Mar. 13.
Adjustable flow fountain type washer device. W. E. Berndsen. 2,577,872, Dec. 11.
Adjustable frame. M. N. Anderson. 2,568,882, Sept. 25.
Adjustable frequency commutator generator. H. Rosenberg. 2,573,494, Oct. 30.
Adjustable garment hanger. T. A. Bell. 2,574,999, Nov. 13.
Adjustable garment hanger. L. W. McClain. 2,549,500, Apr. 17.
Adjustable gate. W. A. Diefenbronn. 2,559,066, July 3.
Adjustable gate. E. D. McCullough. 2,572,171, Oct. 23.
Adjustable gib chaser holder. C. A. Reimschissel and H. E. Davies. 2,571,944, Oct. 16.
Adjustable guide arm. S. E. Hopper. 2,579,923, Dec. 25.
Adjustable hack saw frame. J. M. Leatherman. 2,556,093, June 5.
Adjustable hammock hanger. F. P. Hoffman. 2,571,037, Oct. 9.
Adjustable hand cultivating tool. A. R. Hines. 2,536,180, Jan. 2.
Adjustable hand operator for variable stroke hydraulic pumps. S. Schlein. 2,557,056, June 12.
Adjustable height ironing table. E. A. Krueger. 2,566,668, Sept. 4.
Adjustable insulator bracket. A. G. Steinmayer. 2,571,495, Oct. 16.
Adjustable jar trip spring. D. U. Shaffer. 2,557,238, June 19.
Adjustable length pipe coupling. R. L. Shugart and A. H. Stromeier. 2,575,685, Nov. 20.
Adjustable light mounting. C. Sklarek. 2,536,233, Jan. 2.
Adjustable limit control for tractor lift shafts. R. E. Stutzke. 2,566,779, Sept. 4.
Adjustable loading device for valves and the like. F. M. Van Deventer. 2,579,218, Dec. 18.
Adjustable locking support. J. M. Thompson. 2,556,348, June 12.
Adjustable luggage carrier. H. K. Rehn. 2,536,570, Jan. 2.
Adjustable magnetic pressure valve. R. O. Bullard. 2,575,906, Nov. 20.
Adjustable means for changing the contour of seat back rests. R. E. Lingenfelter. 2,550,831, May 1.
Adjusting means for the jaws of a pivoted jaw wrench. J. W. Burrows. 2,574,909, Nov. 13.
Adjusting mechanism for temperature regulators. W. M. Watkins, Jr. 2,575,081, Nov. 13.
Adjustable meter support. F. H. Mueller and W. J. Bowan. 2,576,630, Nov. 27.
Adjustable miter box. R. E. Hess. 2,547,121, Apr. 3.
Adjustable miter gauge. V. C. Shaw. 2,562,746, July 31.
Adjustable nozzle. C. R. Curtis. 2,560,279, July 10.
Adjustable oil jug stand. F. Massucci. 2,570,359, Oct. 9.
Adjustable pipe for the intake of air and expansion of the driving gases in reaction jet propellers for projectiles and vehicles. R. Anxionnaz and R. J. Imbert. 2,570,629, Oct. 9.
Adjustable plug gauge. J. Schaetzle. 2,577,633, Dec. 4.
Adjustable plug gauge. E. J. Witchger. 2,563,984, Aug. 14.
Adjustable point marking gauge. G. R. Lee. 2,536,378, Jan. 2.
Adjustable portable mortarboard. A. Mueller. 2,556,207, June 12.
Adjustable post. C. E. Myers. 2,548,844, Apr. 10.
Adjustable-rate differential pressure responsive device. N. Plank. 2,579,334, Dec. 18.
Adjustable reading table J. H. Basinger. 2,563,671, Aug. 7.
Adjustable register wheel. J. B. Hoye. 2,539,368, Jan. 23.
Adjustable ring gauge. G. and E. F. Hohwart. 2,565,025, Aug. 21.
Adjustable ring gauge. H. L. Peterson. 2,563,063, Aug. 7.
Adjustable rivet cutter. W. E. Hainline. 2,543,018, Feb. 27.
Adjustable safety seat. G. A. Lynn. 2,565,695, Aug. 28.
Adjustable seat. W. B. Dean. 2,547,446, Apr. 3.
Adjustable seat support. C. S. McCarthy. 2,555,804, June 5.
Adjustable shade and curtain hanger. F. Davidson, Sr. 2,544,950, Mar. 13.
Adjustable shoe gripper. N. M. Morris. 2,579,953, Dec. 25.
Adjustable shoulder strap for undergarments. M. Traub and J. A. Nyer. 2,568,670, Sept. 18.
Adjustable side bearing. O. V. Borup. 2,543,484, Feb. 27.
Adjustable snap gauge. F. A. Barr. 2,545,757, Mar. 20.
Adjustable sport cap. L. Goldman. 2,556,807, June 12.
Adjustable spring clamp. F. R. Dorner. 2,538,509, Jan. 16.
Adjustable support. B. C. Meriwether. 2,565,978, Aug. 28.
Adjustable support. C. L. Thompson. 2,541,793, Feb. 13.
Adjustable temperature responsive device for combustion furnaces. W. J. Hatton. 2,580,173, Dec. 25.
Adjustable tooth gauge. J. J. Parker. 2,561,533, July 24.
Adjustable transmitter condenser. C. A. de Giers and A. Edelman. 2,540,658, Feb. 6.
Adjustable trip. W. H. Edmunds. 2,574,093, Nov. 6.
Adjustable vehicle seat. E. D. Scott and E. A. Herider. 2,576,365, Nov. 27.
Adjustable window frame. W. R. Vass. 2,560,752, July 17.
Adjustable wire netting protector. M. W. Wenger. 2,555,620, June 5.
Adjuster, Bicycle seat height. M. Vick. 2,566,387, Sept. 4.
Adjuster for clothes hangers. K. S. Douglas. 2,548,778, Apr. 10.
Adjuster, track tension. B. B. Bachman and D. J. Macklin. 2,561,901, July 24.
Adjusting a vehicle draft mechanism and bed, Relatively vertically. R. O. Bill. 2,546,491, Mar. 27.
Adjusting apparatus for load compensating brake equipment. C. S. Kelley. 2,540,739, Feb. 6.
Adjusting arc furnace electrodes, Automatically. W. H. Payne. 2,541,887, Feb. 13.
Adjusting device. C. Demuth. 2,577,569, Dec. 4.
Adjusting device for cutting tools. H. B. Gooding. 2,553,761, May 22.
Adjusting high-frequency electric discharge devices. W. T. Gibson. 2,543,011, Feb. 27.
Adjusting means for brake actuators. B. E. House. 2,554,301, May 22.
Adjusting means for brakes. G. R. G. Gates. 2,562,354, July 31.
Adjusting means for cam operated engine valves. W. A. Hattink. 2,565,022, Aug. 21.
Adjusting means for chain wrench. L. K. Selfridge. 2,577,861, Dec. 11.
Adjusting means for hydraulic governor compensating springs. R. W. Taylor. 2,570,287, Oct. 9.
Adjusting means for typewriters, Platen. F. U. Ritz. 2,566,963, Sept. 4.
Adjusting mechanism for welding electrode rolls. N. D. Abbey. 2,537,503, Jan. 9.
Adjusting member for chair irons. M. Fox. 2,557,736, June 19.
Adjusting radio echo detection systems, Method and apparatus for. J. L. Lawson. 2,552,489, May 8.
Adjusting spacing between neutron source and detector, Method and apparatus for. L. M. Swift. 2,543,675, Feb. 27.
Adjusting the effective exit cross-section of a nozzle or the like. L. Servanty. 2,575,735, Nov. 20.
Adjusting the sensitivity of contact devices. E. T. Burton. 2,577,602, Dec. 4.
Adjusting the sound and picture heads of motion-picture projecting machines. H. F. Heidegger. 2,558,248, June 26.
Adjustment device for the frequency of spiral balances. J. Renaud. 2,541,286, Feb. 13.
Adjustment for mowing machines, Ledger bar. G. W. Cooper. 2,558,340, June 26.
Adjustment mechanism for helicopter stabilizing surfaces. P. H. Stanley. 2,551,067, May 1.
Adjustment mechanism, Parallel roll. W. C. Steinmetz. 2,558,321, June 26.
Administration of medicament. G. R. Ryan and F. H. Young. 2,551,339, May 1.
Adobe composition and method. G. Agueros. 2,569,272, Sept. 25.
Adsorption and elution of streptomycin. M. A. Spielman and J. E. Rundell. 2,553,685, May 22.
Adsorption and elution of streptomycin employing columnar carbon. F. J. Wolf. 2,538,140, Jan. 16.
Adsorption apparatus and process. C. H. O. Berg. 2,539,006, Jan. 23.
Adsorption of olefins, Selective. J. W. Teter. 2,543,614, Feb. 27.
Adsorption process. C. H. O. Berg. 2,539,005, Jan. 23.
Adsorption process. C. H. O. Berg. 2,571,329, Oct. 16.
Adsorption process. C. H. O. Berg. 2,575,520, Nov. 20.
Adsorption process. C. H. O. Berg and D. H. Imhoff. 2,545,067, Mar. 13.
Adsorption process. D. H. Imhoff and C. H. O. Berg. 2,575,519, Nov. 20.
Adsorption process and apparatus. C. H. O. Berg. 2,548,192, Apr. 10.

Adsorption process and apparatus. C. H. O. Berg. 2,550,955, May 1.
Adsorption process and apparatus. D. H. Imhoff. 2,545,850, Mar. 20.
Adsorption process for removal of carbon dioxide from the atmosphere of a submarine. A. P. Colburn and B. F. Dodge. 2,545,194, Mar. 13.
Adsorption separation of zirconium and hafnium. R. S. Hansen. 2,571,237, Oct. 16.
Adsorption system. H. L. Galson. 2,541,694, Feb. 13.
Advancing reel. W. G. Esmond. 2,558,834–5, July 3.
Advertising apparatus. J. L. Pflueger. 2,546,236, Mar. 27.
Advertising attachment, Shoe. S. J. Knode. 2,557,663, June 19.
Advertising device. W. Adelman. 2,576,272, Nov. 27.
Advertising device. R. E. Eaves. 2,566,124, Aug. 28.
Advertising device. I. E. Swart. 2,573,625, Oct. 30.
Advertising device, Action. C. E. Serrine. 2,554,063, May 22.
Advertising device, Collapsible. F. W. Wolf. 2,559,489, July 3.
Advertising device, Electromagnetic vibratory. J. A. Simpson. 2,557,242, June 19.
Advertising device for pencils or the like. H. W. Brewer. 2,574,615, Nov. 13.
Advertising device, Illuminated. R. Baxter. 2,552,249, May 8.
Advertising device, Mirror. J. H. Rosenthal. 2,565,575, Aug. 28.
Advertising display and making same. R. Burdick. 2,536,420, Jan. 2.
Advertising dummy. A. H. De Vane. 2,570,778, Oct. 9.
Advertising medium, Illuminated plastic. E. H. Mohr. 2,551,622, May 8.
Advertising or display device, Self-supporting. F. W. Wolf. 2,559,488, July 3.
Aerating water. A. R. Persson and J. O. Naucler. 2,560,978, July 17.
Aeration plate. D. Saponara. 2,540,914, Feb. 6.
Aerator for minnow buckets. E. Volenec and F. C. Kohagen. 2,560,672, July 17.
Aerial array and feeder arrangement for use therewith. N. M. Rust and L. H. Dawson. 2,570,599, Oct. 9.
Aerial, Directional. R. Reulos. 2,559,092, July 3.
Aerial pickup. R. Fink and C. H. Webb. 2,560,563, July 17.
Aerial top, Audible. T. I. Nakano. 2,538,120, Jan. 16.
Aerodynamic body, Cable-suspended. E. O. Schonstedt. 2,549,857, Apr. 24.
Aerodynamic body for carrying detection apparatus. G. O. Haglund. 2,551,596, May 8.
Aerodynamic flap balance and auxiliary airfoil. G. K. Adams. 2,549,760, Apr. 24.
Aerodynamic trim means. F. Erny. 2,570,534, Oct. 9.
Aerodynes equipped with reaction jet propulsion means. A. Vautier. 2,557,522, June 19.
Aerosol insecticide dispenser. T. M. Rector and A. F. Stagmeier. 2,536,221, Jan. 2.
Agar, Preparation of. T. S. Lian. 2,551,143, May 1.
Agents for coloring emulsions and dispersions, especially those of the oil in water type. A. Herlöw. 2,546,748, Mar. 27.
Agents for rendering cleaners' solvents electrically conductive. P. M. Rapier. 2,564,926, Aug. 21.
Agglomerated body and preparing same. C. R. Brown. 2,576,566, Nov. 27.
Agglomerates of fuel and manufacture process. A. Vloebergh. 2,567,136, Sept. 4.
Agglomerating apparatus. C. Alexander and T. H. Whaley. 2,548,332, Apr. 10.
Aggregate batcher by weight. J. D. Noble. 2,549,704, Apr. 17.
Aggregating and displaying device, particularly applicable to totalizators. J. Handley. 2,566,610, Sept. 4.
Agitating and discharging disk structure for fertilizer spreaders. G. F. Stahmer, II, and R. W. Foley. 2,541,008, Feb. 6.
Agitating and scraping mechanism. T. Carvel. 2,576,995, Dec. 4.
Agitating apparatus. R. M. Gogolick, C. L. Goldthwaite, and W. F. P. Pardy. 2,562,545, July 31.
Agitating mechanism for agitating potato chips in cooking liquid. E. V. Wise, Sr. 2,558,892, July 3.
Agitation of pulps and the like. E. D. Davis and J. E. Germain. 2,544,301, Mar. 6.
Agitator. H. F. Boucher. 2,545,914, Mar. 20.
Agitator and fan drive mechanism for vacuum cleaners. D. H. Reeves. 2,558,496, June 26.
Agitator for drill hoppers. A. W. Dericks. 2,573,315, Oct. 30.
Agitator for drink mixers. E. M. Brown and F. V. Forss. 2,549,885, Apr. 24.
Agitator for drink mixers. L. Myers. 2,548,442, Apr. 10.
Agitator for generating oscillating motion, Rotary. C. C. Dickinson. 2,551,206, May 1.
Agitator for grain drills. B. J. Schill. 2,551,853, May 8.
Agitator for lather mixers and the like. W. Ulke. 2,551,713, May 8.
Agitator for liquid dispensing devices, Sirup. S. H. Ellison. 2,548,597, Apr. 10.
Agitator for rotary filters. J. W. Little. 2,538,110, Jan. 16.
Agitator for spreader stoker feeders. H. L. Wagner. 2,578,161, Dec. 11.
Agitator, Magnetic drive. G. J. Okulitch and I. Zozulin. 2,566,743, Sept. 4.
Agitator shaft support. H. L. Cerniak. 2,543,567, Feb. 27.
Agricultural attachment for tractors. E. R. Burgess. 2,560,631, July 17.
Agricultural implement and support for the same. J. M. Landry. 2,574,113, Nov. 6.
Agricultural picker and assorter. C. E. Lang, A. Karnemaat, and J. Jansma. 2,536,507, Jan. 2.
Aid for carrying out multiplication. C. Lipkin. 2,544,389, Mar. 6.
Aiming drill target and system. J. G. Winter. 2,571,511, Oct. 16.
Air and fuel control for burners. D. H. McCorkle. 2,539,789, Jan. 30.
Air and water-heating apparatus, Combined. H. D. Dufault. 2,562,023, July 24.
Air bag for use in high-frequency electrical vulcanization, Making. R. S. Enabnit. 2,568,848, Sept. 25.
Air-blast circuit breaker. A. Latour. 2,574,334, Nov. 6.
Air blast cotton gin. D. D. Day. 2,564,883, Aug. 21.
Air blow gun valve. C. D. Vreeland, Jr. 2,579,408, Dec. 18.
Air-blowing clay tower polymer. L. C. Morris. 2,559,985, July 10.
Air-brake automatic bleeder valve. G. E. Benoit. 2,561,607, July 24.
Air brake bleeder. E. F. Wideman. 2,566,472, Sept. 4.
Air chamber for slush pumps. H. L. Willke. 2,550,435, Apr. 24.
Air charger for hydropneumatic systems. A. W. Burks. 2,557,724, June 19.
Air chuck. V. G. K. Sundt. 2,573,166, Oct. 30.
Air circulating and humidifying device. D. M. Vaughan. 2,571,173, Oct. 16.
Air circulating apparatus. J. I. Shireman. 2,575,894, Nov. 20.
Air circulating arrangement for refrigerators. H. H. Bixler. 2,576,665, Nov. 27.
Air circulation control for refrigerators. E. B. Jaeger. 2,546,363, Mar. 27.
Air circulator. A. G. Orear. 2,554,633, May 29.
Air circulator and heater. E. C. Wahlberg. 2,552,470, May 8.
Air cleaner. S. L. Cox. 2,565,596, Aug. 28.
Air cleaner. P. Ketelsen. 2,565,690, Aug. 28.
Air cleaner. W. H. Phelps. 2,562,331, July 31.
Air cleaner and making parts thereof. F. Sebok. 2,575,136, Nov. 13.
Air cleaner, etc. J. A. Demonet and W. Howard. 2,552,887, May 15.
Air compressor. W. P. Dalrymple. 2,539,896, Jan. 30.
Air compressor. W. V. Fischer. 2,572,711, Oct. 23.
Air compressor, Liquid piston. E. Sjöberg. 2,564,548, Aug. 14.
Air conditioner. N. R. Inglis. 2,560,349, July 10.
Air conditioner. F. E. White. 2,553,508, May 15.
Air conditioner for tractor cabs. E. J. Patterson. 2,537,278, Jan. 9.
Air conditioner mixing fresh and recirculated air, Room. A. B. Newton. 2,540,957, Feb. 6.
Air-conditioner system. R. W. Smith. 2,567,915, Sept. 11.
Air conditioning. N. E. Berry. 2,546,382, Mar. 27.
Air-conditioning. P. Edberg. 2,548,426, Apr. 10.
Air conditioning. N. A. Pennington. 2,536,081, Jan. 2.
Air conditioning. T. K. Sherwood. 2,557,573, June 19.
Air conditioning. W. M. Simpson. 2,548,448, Apr. 10.
Air conditioning apparatus. E. Feinberg. 2,544,592, Mar. 6.
Air-conditioning apparatus. A. H. Kehoe. 2,559,217, July 3.
Air-conditioning apparatus. N. A. Pennington. 2,576,140, Nov. 27.
Air conditioning apparatus. H. R. Rogant. 2,553,278, May 15.
Air conditioning apparatus. R. D. Touton. 2,553,121, May 15.
Air-conditioning apparatus. W. E. Wiesenthal. 2,548,694, Apr. 10.
Air-conditioning apparatus and the like. G. S. Dauphinee. 2,579,477, Dec. 25.
Air-conditioning conduit and procedure for installing same. A. MacDougall, Jr. 2,551,751, May 8.
Air-conditioning control arrangement. W. L. McGrath. 2,547,879, Apr. 3.
Air conditioning device. H. Rinnman. 2,540,758, Feb. 6.
Air conditioning device. J. Sanchis. 2,560,372, July 10.
Air conditioning device. T. E. Sayers. 2,564,998, Aug. 21.
Air-conditioning method. C. M. Ashley. 2,567,758, Sept. 11.
Air-conditioning system. H. W. Angelery. 2,555,528, June 5.
Air conditioning system and apparatus. E. J. Dillman. 2,558,937, July 3.
Air conditioning system and control valve therefor, Aircraft cabin. W. M. Hynes. 2,562,918, Aug. 7.
Air-conditioning system, Multiple stage. A. B. Newton. 2,561,067, July 17.

Air-conditioning unit. C. J. Wagner and G. V. Mack. 2,576,549, Nov. 27.
Air control for sanding machines. J. J. Robinson, Jr., and H. M. Wassem. 2,543,988, Mar. 6.
Air controller, Portable. R. W. Calkins. 2,559,495, July 3.
Air-cooled internal-combustion engine. J. M. Colby. 2,573,544, Oct. 30.
Air-cooled vehicle wheel. W. C. Carriker. 2,537,442, Jan. 9.
Air cooler. J. J. Dean. 2,576,503, Nov. 27.
Air-cooling apparatus. A. S. Richardson. 2,573,491, Oct. 30.
Air-cooling apparatus for vehicle wheels. H. J. Butler. 2,580,001, Dec. 25.
Air cooling apparatus, Forced. A. J. Brandecker. 2,552,396, May 8.
Air-cooling device. D. R. Williams and R. "B" Kizer. 2,546,661, Mar. 27.
Air cooling installation for automobiles. O. P. Leonard. 2,561,876, July 24.
Aircraft. G. F. Myers. 2,564,370, Aug. 14.
Aircraft accessory, Turbine driving. W. H. Lindsey. 2,566,618, Sept. 4.
Aircraft air-speed regulator. J. R. McGuire. 2,542,202, Feb. 20.
Aircraft alighting gear. E. H. Replogle. 2,552,115, May 8.
Aircraft armament assembly. E. J. Meyer. 2,559,727, July 10.
Aircraft balance indicator. F. D. Mathes, Jr., and W. J. Cerny. 2,541,429, Feb. 13.
Aircraft cabin pressure regulating means. W. D. Teague, Jr. Re. 23,445, Dec. 18.
Aircraft cabin pressurizing. R. N. Green. 2,578,539, Dec. 11.
Aircraft cable lock. H. H. Drumm. 2,553,641, May 22.
Aircraft control and indicating apparatus. R. J. Kutzler. 2,536,850, Jan. 2.
Aircraft control apparatus. L. W. Gordon. 2,574,916, Nov. 13.
Aircraft control column. C. G. Peterson. 2,539,753, Jan. 30.
Aircraft control means. T. B. Lavelle. 2,557,829, June 19.
Aircraft control means. J. G. Lee. 2,568,812, Sept. 25.
Aircraft control mechanism. P. H. Taylor and R. E. Karnuth. 2,538,602. Jan. 16.
Aircraft control surface. H. O. Wendt. 2,553,694, May 22.
Aircraft control surface balance means. A. A. Lambert, Jr. 2,551,495, May 1.
Aircraft control system. L. W. Alvarez and L. H. Johnston. 2,555,101, May 29.
Aircraft control system. H. E. Heberding. 2,548,787, Apr. 10.
Aircraft control system. J. Lecarme. 2,566,526, Sept. 4.
Aircraft control system. A. Sivitz and P. L. Ruby. 2,556,345, June 12.
Aircraft control system. R. J. White. 2,556,353, June 12.
Aircraft control, Vertical lift. H. E. Neville. 2,540,543, Feb. 6.
Aircraft cooling valve. J. E. Eshbaugh and N. Walker. 2,574,254, Nov. 6.
Aircraft course stabilizing means. W. H. Wirkler. 2,548,278, Apr. 10.
Aircraft, Direct lift. E. A. Stalker. 2,556,710, June 12.
Aircraft enclosure operating means. A. O. Willis. 2,570,622, Oct. 9.
Aircraft flight control apparatus. L. Hammond. 2,550,806, May 1.
Aircraft, Fluid-jet-sustained. I. M. Hoglin. 2,547,266, Apr. 3.
Aircraft, Fluid sustained. H. Naught. 2,567,392, Sept. 11.
Aircraft folding wing construction. E. Abel, Jr. 2,572,421, Oct. 23.
Aircraft fuel tank ejector. B. W Douglass. 2,549,785, Apr. 24.
Aircraft gunsight mounting. M. J. O. Lobelle. 2,569,819, Oct. 2.
Aircraft gun turret. G. Bussiere and E. C. Holton. 2,570,761, Oct. 9.
Aircraft indicator system. E. M. Deloraine, H. G. Busignies, and P. R. Adams. 2,543,002, Feb. 27.
Aircraft landing aid system. H. W. G. Salinger. 2,543,065, Feb. 27.
Aircraft landing gear. A. C. Smith. 2,538,389, Jan. 16.
Aircraft landing gear. W. R. Winslow. 2,575,647, Nov. 20.
Aircraft landing gear strut. H. E. Emigh. 2,542,123, Feb. 20.
Aircraft landing system. R. H. Varian and T. M. Ferrill, Jr. 2,536,112. Jan. 2.
Aircraft launching apparatus. A. G. Liebmann. 2,567,954, Sept. 18.
Aircraft, Loading. J. H. Connelly. 2,569,557, Oct. 2.
Aircraft mudguard. J. C. Huett. 2,572,342, Oct. 23.
Aircraft navigational aid. T. A. Stansbury. 2,568,568, Sept. 18.
Aircraft nose-wheel or tail-wheel mounting. G. H. Dowty. 2,543,233, Feb. 27.
Aircraft of the reaction propulsion type. F. B. Lane. 2,571,586, Oct. 16.
Aircraft pilot's seat. A. B. Rogers and C. G. Brown. 2,538,427, Jan. 16.
Aircraft power plant, Gas reaction. N. C. Price. 2,540,991, Feb. 6.
Aircraft propeller. A. Palfi. 2,572,188, Oct. 23.
Aircraft propeller rotatable about the external periphery of the aircraft body. E. T. Turner. 2,558,501, June 26.
Aircraft propelling device. H. M. Cox. 2,539,010, Jan. 23.
Aircraft radio cooling. P. S. Rogers, W. O. Emmons, J. W. Godfrey, and J. M. Kelso. 2,544,183, Mar. 6.
Aircraft radio range system. L. R. Kahn and D. S. Sanford. 2,571,368, Oct. 16.
Aircraft refrigeration control. T. J. Lehane and E. W. Johnson. 2,566,617, Sept. 4.
Aircraft refueling plant. L. T. Spurin. 2,559,233, July 3.
Aircraft retractable landing skid. R. L. Levy. 2,574,404, Nov. 6.
Aircraft, Roadable. A. R. Perl. 2,573,271, Oct. 30.
Aircraft, Roadable. S. C. Rethorst. 2,561,291, July 17.
Aircraft, Rotary wing. R. A. C. Brie. 2,579,647, Dec. 25.
Aircraft, Rotating wing. H. T. Avery. 2,539,562, Jan. 30.
Aircraft rotor hub construction. H. S. Campbell. 2,537,623, Jan. 9.
Aircraft speed governor means. H. F. T. Adams. 2,552,131, May 8.
Aircraft speed measuring system designed to avoid propeller modulation effects. C. C. Martinelli. 2,537,596, Jan. 9.
Aircraft stabilizing apparatus. D. R. Webb. 2,555,019, May 29.
Aircraft structure and interconnected damping device, Rotary wing. J. A. J. Bennett. 2,568,214, Sept. 18.
Aircraft tow target carrier. G. L. Wing Shee and M. I. Weinberg. 2,538,719, Jan. 16.
Aircraft traffic control system. W. A. Tolson. 2,577,166, Dec. 4.
Aircraft turn control. O. E. Esval. 2,553,560, May 22.
Aircraft undercarriage, Steerable. R. W. Brown. 2,537,650, Jan. 9.
Aircraft wing flap with a leading edge roller. A. Favre. 2,569,983, Oct. 2.
Aircraft with adjustable glide control channels. B. F. Heer. 2,572,147, Oct. 23.
Aircraft with boundary layer control, Jet-propelled. B. K. O. Lundberg. 2,568,813, Sept. 25.
Aircraft with rotary wings. C. G. Pullin and K. Watsen. 2,579,860, Dec. 25.
Air-current deflector. W. H. Bohnenblust. 2,561,778, July 24.
Air deflector. O. C. Palmer. 2,561,591, July 24.
Air deflector. J. B. Sutherland. 2,550,619, Apr. 24.
Air directing device for gun-type fuel oil burners. C. M. Gressley. 2,569,754, Oct. 2.
Air directing means for gun type oil burners. A. Cadella. 2,553,130, May 15.
Air discharge control. A. B. Newton. 2,540,958, Feb. 6.
Air distributing duct. V. E. Matulaitis. 2,544,465, Mar. 6.
Air distribution outlet. W. W. Kennedy. 2,577,771, Dec. 11.
Air distribution unit. W. W. Kennedy. 2,544,689, Mar. 13.
Air distributor, Adjustable. O. A. Labus. 2,576,905, Nov. 27.
Air distributor, Adjustable. R. N. Trane and A. O. Tadewald. 2,552,236, May 8.
Air drier. J. H. Anderson. 2,577,176, Dec. 4.
Air driven shaker. J. S. High. 2,559,620, July 10.
Air-driven tapping unit, Automatically reversible. S. A. Burke, H. C. Hansen, and C. P. Bullard. 2,552,840, May 15.
Air drying unit. C. C. Carson. 2,572,009, Oct. 23.
Air duct and girder, Combination. H. E. Venuti. 2,569,910, Oct. 2.
Air ducting arrangement for combustion chamber. M. L. Nathan. 2,552,492, May 8.
Air filter. H. E. Anthony. 2,557,717, June 19.
Air filter. R. L. Brown. 2,548,942, Apr. 17.
Air filter. C. A. Lang. 2,552,191, May 8.
Air filter. T. E. Philipps. 2,569,575, Oct. 2.
Air filter for beer pump pressure systems. A. R. Dickschat. 2,559,284. July 3.
Air filter head for portable abrading machines. J. A. Wright. 2,550,319, Apr. 24.
Air filter media. W. K. Gregory. 2,555,125, May 29.
Airflow control apparatus. W. E. Welch. 2,545,563, Mar. 20.
Air-flow control for vacuum cleaners. O. M. Anderson. 2,561,964, July 24.
Airfoil. F. J. Mulholland. 2,575,185. Nov. 13.
Airfoil and slat assembly. P. E. Ziegler. 2,541,565, Feb. 13.
Airfoil construction. E. Y. Roberts. 2,567,124, Sept. 4.
Airfoil section and making same, Laminated. G. F. Darracott, G. N. Barba, and L. Reichert. 2,563,218, Aug. 7.
Airfoil structure and making same. G. Chausson. 2,558,819, July 3.
Airfoil, Variable lift. J. G. Battaglia. 2,539,222, Jan. 23.
Air fractionating column and operating same. E. G. Engel and J. A. Hufnagel. 2,550,679, May 1.
Air-free lubricant pump discharge system. I. R. Whiteman. 2,578,275, Dec. 11.

Air gun automatic safety device. F. Mihalyi. 2,572,176, Oct. 23.
Air hammer. H. B. Lewis. 2,542,038, Feb. 20.
Air handling apparatus. R. S. Farr and R. B. Esselman. 2,552,847, May 15.
Air handling apparatus. D. D. Herrman. 2,536,130, Jan. 2.
Air heater control. S. E. Miller and H. J. Dick. 2,552,107, May 8.
Air heating gas burner. H. Muehleisen. 2,539,153, Jan. 23.
Air hose bracket. L. C. Edwards. 2,554,176, May 22.
Air humidifier and mounting means therefor for application to duct walls. E. W. Bottum. 2,569,512, Oct. 2.
Air humidifier for internal-combustion engines. H. C. Wallin. 2,537,495, Jan. 9.
Air-impelled liquid pump. W. M. Reed. 2,553,276. May 15.
Air impeller. M. C. McDerment. 2,579,119, Dec. 18.
Air impurity remover. S. J. Erling. 2,574,552, Nov. 13.
Air induction system for turbo-supercharged aircraft engines, including air intercooler and air interwarmer. E. C. Theiss. 2,558,797, July 3.
Air injection smoke-consuming structure for furnaces. L. P. Kerruish. 2,541,582, Feb. 13.
Air inlet opening arrangement for combustion chambers. F. P. Berger. 2,543,755, Mar. 6.
Air inlet structure for combustion chambers. R. J. McGarry. 2,541,171, Feb. 13.
Air inlet structure for the aeration of the rear engine compartment in streamlined vehicles. R. Březek. 2,556,464, June 12.
Air intake arrangement for air jacketed combustion chambers. M. A. Mayers and H. T. Holzwarth. 2,541,170, Feb. 13.
Air intake control apparatus for gas turbine power plants. W. G. Ovens. 2,570,847, Oct. 9.
Air intake mechanism for air filter machines. E. P. Senné. 2,550,384, Apr. 24.
Air jack. J. F. Harris. 2,552,965, May 15.
Air jacketed combustion chamber flame tube. H. E. Rowe. 2,577,918, Dec. 11.
Air launched radio station. P. D. Lowell and W. Hakkarinen. 2,555,352, June 5.
Air line lubricator. C. A. Norgren. 2,538,031, Jan. 16.
Air-line oiler. M. O'Farrell. 2,560,239. July 10.
Air lock work clamp. C. L. Sands. 2,544,356, Mar. 6.
Air mixing and delivery device. L. R. Phillips. 2,541,280, Feb. 13.
Air navigation. P. J. Herbst. 2,539,905, Jan. 30.
Air or gas cleaning apparatus. T. W. Carraway. 2,539,344, Jan. 23.
Air or gas relief valve. J. D. E. Venning. 2,544,476, Mar. 6.
Air outlet. W. W. Kennedy. 2,564,334, Aug. 14.
Air pilot valve. J. L. Cooney. 2,575,209, Nov. 13.
Airplane anchor screw kit. W. J. Padgett. 2,559,732, July 10.
Airplane and helicopter, Convertible. H. K. Moore. 2,580,312, Dec. 25.
Airplane approach control system. O. S. Field, S. N. Wight, and R. W. Hewes. 2,576,452, Nov. 27.
Airplane cabin cooling system. L. A. Williamson, Jr. and J. L. Byrne. 2,575,541, Nov. 20.
Airplane, Cargo. C. F. Greene. 2,557,962, June 26.
Airplane control device. W. R. Sears. 2,575,532, Nov. 20.
Airplane control system. F. W. Ross. 2,542,946, Feb. 20.
Airplane control system, Fully powered. I. L. Ashkenas. 2,559,817, July 10.
Airplane, Convertible automobile. C. B. Smith. 2,539,489, Jan. 30.
Airplane crash switch. R. H. Hodgins and C. J. McGillivray. 2,573,335, Oct. 30.
Airplane cross-wind landing gear. J. H. Geisse. 2,551,665, May 8.
Airplane engine cooling arrangement. K. F. Lovejoy and D. B. Peat. 2,573,854, Nov. 6.
Airplane flap with slot controller. C. H. Grant. 2,556,326, June 12.
Airplane ground lock. E. O. Johnston. 2,577,330, Dec. 4.
Airplane, High-lift. O. C. Koppen. 2,541,704, Feb. 13.
Airplane landing gear. R. W. Allen. 2,560,030, July 10.
Airplane landing gear. V. J. Burnelli. 2,554,009, May 22.
Airplane mooring rope shackle. J. M. Hill. 2,561,371, July 24.
Airplane proximity indicator. C. Adler, Jr. 2,560,265, July 10.
Airplane rudder. M. Gliwa. 2,572,134, Oct. 23.
Airplane rudder and aileron control. R. A. Lander, Jr. 2,579,265, Dec. 18.
Airplane sustentation and control surface arrangement. A. D. Geraci. 2,576,294, Nov. 27.
Airplane, Twin engine sport. V. J. Burnelli. 2,572,442, Oct. 23.
Airplane washer. F. E. Grossenbacher. 2,559,295, July 3.
Airplane wheel brake. H. J. Butler. 2,555,182, May 29.
Airplane wing flap and slat mounting. J. H. Bennett and J. A. Webb. 2,542,792, Feb. 20.
Airport fueling mechanism. S. Hinds and J. G. Dahlem. 2,577,682, Dec. 4.
Airport heating and airport fog dispersal. P. L. Geiringer. 2,570,226, Oct. 9.

Air preheater control system. R. Rasmussen. 2,570,859, Oct. 9.
Air pressure relief for enclosures. W. W. Emery. 2,573,419, Oct. 30.
Air purifier and circulator. W. J. Harshbarger. 2,549,087, Apr. 17.
Air ram. T. E. Mead. 2,567,390, Sept. 11.
Air relay device for pressure controlled systems. O. Fischer. 2,560,163, July 10.
Airscrew with Automatic pitch adjustment, Pivoted blade. R. Dorand. 2,536,041, Jan. 2.
Air speed control valve. E. O. Krueger. 2,558,687, June 26.
Air-speed indicator. J. E. Bevins. 2,563,207, Aug. 7.
Air speed indicator. R. Shaw, Jr. 2,537,240, Jan. 9.
Air-speed responsive device. M. J. B. Russell. 2,550,603, Apr. 24.
Air spring and shock absorber. S. L. C. Coleman. 2,536,626, Jan. 2.
Air supply system for welders' helmets. T. A. Conley. 2,577,607, Dec. 4.
Air valve. C. A. Crome. 2,538,832, Jan. 23.
Air vent and focusing screen support for bellows type cameras. V. Yager and J. Woermann. 2,575,902, Nov. 20.
Air vent and pressure release valve, Combined. A. G. Swenson. 2,563,563, Aug. 7.
Airway traffic control system. O. S. Field and S. N. Wight. 2,572,127, Oct. 23.
Alarm and trap, Burglar. J. Taylor. 2,579,214, Dec. 18.
Alarm apparatus for hot journal bearings and like hazards. A. J. Sorensen. 2,566,968, Sept. 4.
Alarm, Automatic burglar and fire. E. R. Mountstephen. 2,537,599, Jan. 9.
Alarm, Check-controlled clock. R. L. Nor Velle. 2,579,009, Dec. 18.
Alarm, Cyclometer clock. A. A. Johnson. 2,539,138, Jan. 23.
Alarm device for indicating failure of the paper feed mechanism in teleprinters. R. D. Salmon. 2,572,057, Oct. 23.
Alarm device for milking machines. A. G. Perkins. 2,549,231, Apr. 17.
Alarm device, Hotbox. C. P. Leese. 2,566,494, Sept. 4.
Alarm, Double signal. E. Bourquin. 2,554,809, May 29.
Alarm, Fire. L. H. McCarron. 2,550,076, Apr. 24.
Alarm, Fire. J. Sfreddo. 2,563,877, Aug. 14.
Alarm, Fishing. H. Nisle, Sr. 2,556,628, June 12.
Alarm for deaf persons. P. Rody. 2,561,481, July 24.
Alarm for fishing reels, Sound-producing. J. J. Seifert. 2,553,480, May 15.
Alarm for motor vehicle tires, Low air pressure. C. L. Dyke. 2,574,863, Nov. 13.
Alarm means for liquid temperatures. W. E. Melick. 2,546,608, Mar. 27.
Alarm of the rotary eccentric weight type, Vibratory aircraft. L. M. Greene. 2,566,409, Sept. 4.
Alarm, Power failure. G. J. Cass. 2,566,597, Sept. 4.
Alarm, Radio object detection. W. Tucker. 2,545,503, Mar. 20.
Alarm, Screen. E. B. Purdin. 2,547,283, Apr. 3.
Alarm selector, Automatic. F. S. Holloway. 2,552,174, May 8.
Alarm, Shutoff. C. Jauch. 2,552,790. May 15.
Alarm signal box. J. I. Ellmann. 2,553,244, May 15.
Alarm switch. J. Cufalo. 2,550,673, May 1.
Alarm system. D. B. Talbot. 2,555,714, June 5.
Alarm system, Annunciator. F. R. Quinn. 2,565,323, Aug. 21.
Alarm system for railway trains, Bearing. H. L. Weinberg. 2,560,753, July 17.
Alarm system, Localized. J. H. Kirkpatrick, Jr. 2,547,016, Apr. 3.
Alarm system, Radio carrier. S. J. Levy. 2,567,908, Sept. 11.
Alarm system, Refrigerator. C. A. Stickel. 2,537,431, Jan. 9.
Alarm system with circuit integrity checking means. K. M. Lord and P. N. Bredesen. 2,556,363, June 12.
Alarm, Tear gas projector burglar and fire. P. F. Flagge and M. W. Gerds. 2,570,438, Oct. 9.
Alarm, Thermal. C. W. Ingels. 2,540,527, Feb. 6.
Alarm-train limit mechanism for single-spring alarm clocks. P. H. Morganson. 2,538,161, Jan. 16.
Alarm, Universal burglar. W. H. Lawrence. 2,541,770, Feb. 13.
Alarm, Window burglar. C. M. Bartram. 2,577,224, Dec. 4.
Album. J. K. Rose. 2,544,566, Mar. 6.
Album, Phonograph record. H. H. Mueller. 2,546,470, Mar. 27.
Alcohols, Preparation of. R. E. Brooks. 2,549,416, Apr. 17.
Alcohol process. F. M. Archibald and H. O. Mottern. 2,543,820, Mar. 6.
Alcohol-water injection means for internal-combustion engines. P. H. Bills, J. A. Logan, and T. J. Mesh. 2,554,612, May 29.
Alcohols and aldehydes, Production of primary. J. C. Hillyer and J. T. Edmonds, Jr. 2,561,984, July 24.
Alcohols and making the same, Tertiary rosin. H. H. Zeiss. 2,540,157, Feb. 6.

Alcohols from carbon monoxide and hydrogen, Production of. C. H. Holder. 2,569,380, Sept. 25.
Alcohols from olefins, Manufacture of. A. Gislon and A. M. Valet. 2,574,325, Nov. 6.
Alcohols, Sulfonated. J. A. Otto and E. E. Gilbert. 2,571,286, Oct. 16.
Aldehyde-amines and preparation thereof. G. H. Coleman. 2,568,579, Sept. 18.
Aldehyde condensation resins. R. A. Barkhuff, Jr., and L. M. Debing. 2,538,753, Jan. 23.
Aldehyde-secondary amine reaction products, Conjugated. C. W. Smith. 2,565,529, Aug. 28.
Aldehyde sulfonic acid and salts thereof, Manufacture of. E. E. Gilbert and J. A. Otto. 2,552,421, May 8.
Algaecidal composition comprising a water-soluble cupric salt and lignin sulfonate. H. C. Marks. 2,551,446, May 1.
Aligned rotary elements with overload release. D. D. Shields and E. E. Jeffcoat. 2,555,061, May 29.
Aligner for recording machines, Paper. H. M. Fleming. 2,549,187, Apr. 17.
Aligning and mounting binocular telescopes. J. W. French. 2,573,560, Oct. 30.
Aligning device. J. S. Malsbary. 2,572,942, Oct. 30.
Aligning device for automobiles, Front end. A. E. James. 2,552,178, May 8.
Aligning means for belt conveyers. J. Thomson. 2,561,641, July 24.
Aligning means for cabinets, Drawer. H. G. Knuth. 2,551,843, May 8.
Aligning means for folding partitions. W. J. Horn. 2,572,153, Oct. 23.
Aligning means for vehicle hoists. H. K. Hecker. 2,580,091, Dec. 25.
Aligning mechanism, Conveyer belt. W. E. Nicholoy. 2,567,494, Sept. 11.
Aligning stage for instruments. C. D. Bennes. 2,567,005, Sept. 4.
Aligning tool. F. C. Gehrke. 2,568,390, Sept. 18.
Alignment device for measuring wheels. W. A. Pitts. 2,576,041, Nov. 20.
Alignment device support. H. J. Kenner. 2,545,784, Mar. 20.
Aliphatic acids by fermentation, Production of lower. S. C. Beesch and D. A. Legg. 2,549,765, Apr. 24.
Aliphatic amines from primary aliphatic amines, Production of secondary. W. F. Engel and H. Hoog. 2,574,693, Nov. 13.
Aliphatic di-ketones, Production of. E. G. E. Hawkins. 2,575,014, Nov. 13.
Aliphatic nitro compounds as azo coupling components. F. W. Neumann. 2,541,886, Feb. 13.
Aliphatic orthoformic esters. J. G. Erickson. 2,567,927, Sept. 18.
Aliphatic oxy- and mercaptophenyl-penicillins. O. K. Behrens, R. G. Jones, Q. F. Soper, and J. W. Corse. 2,562,408, July 31.
Aliphatic phosphonamides, Unsaturated. G. E. Walter, I. Hornstein, and G. M. Steinberg. 2,574,516–17, Nov. 13.
Aliphatic unsaturated, branched-chain siccatives. W. E. Elwell and Z. H. Ballmer, Jr. 2,561,791, July 24.
Alkali base lubricating greases. A. A. Bondi. 2,545,190, Mar. 13.
Alkali cellulose, Production of. F. C. Wedler. 2,558,066, June 26.
Alkali metal aluminum fluoride, Manufacture of. E. Brodal and H. Guldhav. 2,547,901, Apr. 3.
Alkali metal carbonate perhydrates, Production of. J. H. Young. 2,541,733, Feb. 13.
Alkali metal cyanates, Making. L. L. Lento, Jr., and D. W. Jayne, Jr. 2,546,551, Mar. 27.
Alkali metal dispersions. V. L. Hansley and W. J. P. Hilts. 2,579,257, Dec. 18.
Alkali metal pentachlorophenate pellets. F. A. Linde. 2,567,909, Sept. 11.
Alkali metal salt-organic sulfoxy detergent compositions inhibited against deterioration of vitreous and ceramicware surfaces. L. R. Bacon and J. V. Otrhalek. 2,575,576, Nov. 20.
Alkali metal salts of N-substituted dithiocarbamic acids, Production of W. W. Crouch. 2,563,007, Aug. 7.
Alkali-resistant alginate materials, Production of. J. B. Speakman, N. H. Chamberlain, and C. M. C. Dorkin. 2,536,893, Jan. 2.
Alkali resistant phenolic molding powders and laminate. L. M. Debing and R. M. Huck. 2,542,484, Feb. 20.
Alkali stabilized calcium phosphate phosphor. H. C. Froelich and J. M. Margolis. 2,575,755, Nov. 20.
Alkaline battery. F. A. Schneider. 2,557,615, June 19.
Alkaline cylindrical dry cell. S. Ruben. 2,542,576, Feb. 20.
Alkaline digestion of cottonseed hull bran. J. L. Eskridge. 2,536,047, Jan. 2.
Alkaline digestion of cottonseed hulls. J. L. Eskridge. 2,536,046, Jan. 2.
Alkaline dry cell. S. Ruben. 2,536,699, Jan. 2.
Alkaline dry cell. S. Ruben. 2,542,574–5, Feb. 20.
Alkaline dry cell. S. Ruben. 2,542,710, Feb. 20.
Alkaline earth oxysulfide phosphor. R. B. Head. 2,567,769, Sept. 11.
Alkaline earth silicates of zirconium and compositions thereof. E. Wainer. 2,559,381, July 3.
Alkaline earth sulfide phosphorescent pigments. D. W. Lyon. 2,544,507, Mar. 6.
Alkaloid manufacture. M. M. Baizer. 2,544,291, Mar. 6.
Alkaloid salts of N-formyl-s-benzyl-d-penicillamine and preparation thereof. R. Mozingo, J. F. McPherson, and K. Folkers. 2,539,854, Jan. 30.
Alkamine esters of cyclopentylalkylacetic acids. R. B. Moffett and C. A. Hart. 2,538,793, Jan. 23.
Alkamine esters of Δ2-cyclohexenalkylacetic acids. R. B. Moffett and C. A. Hart. 2,538,794, Jan. 23.
Alkamine esters of Δ2-cyclopentenyl-Δ2-cyclohexenylacetic acid. R. B. Moffett and C. A. Hart. 2,538,795, Jan. 23.
Alkane sulfonic acids, Preparing. J. K. Fincke. 2,547,906, Apr. 3.
Alkanolamine salts of sulfaquinoxaline. R. S. Sweet and W. L. Benson. 2,578,761, Dec. 18.
Alkenyl esters of endoalkylene-tetrahydrophthalic acids, Producing. R. C. Morris, A. V. Snider, and R. M. Horowitz. 2,537,845, Jan. 9.
Alkenyl phenols, Production of. H. Pines and J. A. Vesely. 2,553,470, May 15.
Alkenylation of phenols. H. Pines and J. A. Vesely. 2,578,206, Dec. 11.
Alkenylation process. W. A. Proell. 2,564,077, Aug. 14.
Alkenylene bisisothiouronium compounds. L. W. Clemence and M. T. Leffler. 2,545,876, Mar. 20.
Alkenylhalosilanes, Production of. D. B. Hatcher. 2,574,390, Nov. 6.
Alkenylthiophenes, Production of. C. R. Wagner. 2,560,610, July 17.
Alkoxyacetals, Making. R. I. Hoaglin and S. F. Clark. 2,564,760, Aug. 21.
Alkoxyalkanoates of hydroxylated hormones and producing same, Lower. E. J. Lawson, C. J. Cavallito, and A. Mooradian. 2,547,949, Apr. 10.
Alkoxyalkyl esters of iodo-alkoxy substituted phenyl acetic acids. S. Archer. 2,548,852, Apr. 17.
Alkoxyalkyl esters of monoiodo-monoalkoxybenzoic acids. S. Archer. 2,572,828, Oct. 30.
Alkoxychlorobenzenes as plasticizers for elastomers. J. K. Stevenson. 2,578,853, Dec. 18.
Alkoxysilane-amine asphalt additive. P. H. Aldrich. 2,570,185, Oct. 9.
Alkoxysilanes, Preparation of. H. A. Clark. 2,553,845, May 22.
Alkyd-isocyanate plastics, Foamed. E. Simon and F. W. Thomas. 2,577,279, Dec. 4.
Alkyd resin. C. J. Opp and R. E. Werner. 2,560,592, July 17.
Alkyd resins. P. Kass and Z. W. Wicks. 2,577,770, Dec. 11.
Alkyd resins. H. Wittcoff and J. R. Roach. 2,572,085, Oct. 23.
Alkyd resins and coating compositions containing the same in admixture with readily copolymerizable vinyl monomers, Modified. H. E. Adams. 2,537,949, Jan. 16.
Alkyl acetophenone-α-sulfonic acids and salts, Long chain. F. M. Watkins. 2,554,434, May 22.
Alkyl alpha-oxo-gamma-phenyl-gamma-alkoxy-beta-butenoates, Preparation of. W. J. Croxall and H. J. Schneider. 2,550,042, Apr. 24.
Alkylaminoalkyl esters of aryl urethans. J. S. Pierce. 2,576,079, Nov. 20.
Alkyl-aminoalkyl esters of 3-benzothienyl-hydroxyacetic acid. G. J. Martin and S. Avakian. 2,550,017, Apr. 24.
Alkyl-aralkyl ketones, Preparation of. R. V. Heinzelmann. 2,557,051, June 12.
Alkyl aromatic sulfonic acids and their salts, Production of. I. G. Nixon. 2,567,854, Sept. 11.
Alkyl aryl sulfonate-carboxymethyl-cellulose-alkaline salt detergent composition. C. E. Smith and T. H. Vaughn. 2,566,501, Sept. 4.
Alkylating thiophene with alkyl sulfate catalyst. P. D. Caesar and P. G. Waldo. 2,550,769, May 1.
Alkylation and polymerization process, Combination. W. M. Smith. 2,554,275, May 22.
Alkylation of aromatic amines. W. W. Levis, Jr. 2,541,655, Feb. 13.
Alkylation of aromatic hydrocarbons. H. J. Passino. 2,545,671, Mar. 20.
Alkylation of aromatics. M. H. and E. Gorin. 2,542,190, Feb. 20.
Alkylation of aryl glycol ethers. J. M. Cross and M. E. Chiddix. 2,536,976, Jan. 2.
Alkylation of hydrocarbons. J. E. Penick. 2,536,514–15, Jan. 2.
Alkylation of isobutane with propylene. R. M. Kennedy and A. Schneider. 2,557,118, June 19.
Alkylation of olefinic compounds. E. C. Ladd and L. Y. Kiley. 2,552,980, May 15.
Alkylation of phenolic compounds with olefins. E. C. Kooyman. 2,567,848, Sept. 11.
Alkylation of phenols. W. N. Axe. 2,544,818, Mar. 13.
Alkylation of phenols. J. E. Fearey. 2,537,337, Jan. 9.
Alkylation of polynuclear aromatic hydrocarbons. R. J. Moore. 2,541,882, Feb. 13.
Alkylation of polystyrene using a hydrogen fluoride catalyst. J. M. Butler. 2,569,400, Sept. 25.
Alkylation of toluene by propylene catalyzed by acid activated montmorillonite clay. J. E. Mahan. 2,564,488, Aug. 14.
Alkylation of urea with olefins. H. C. Brown. 2,548,585, Apr. 10.

Alkylation process. A. Gislon. 2,550,413, Apr. 24.
Alkylation process. M. H. Gorin and L. G. Sharp. 2,539,350, Jan. 23.
Alkylation process. A. P. Lien and J. F. Deters. 2,564,072, Aug. 14.
Alkyl benzene peroxides, Manufacture of. R. H. Hall and D. C. Quin. 2,547,938, Apr. 10.
Alkyl benzenes, Production of. R. S. Hanmer. 2,559,818, July 10.
Alkyl cellulose stabilized with hydroquinone. J. H. Sharphouse and J. Downing. 2,547,141, Apr. 3.
Alkyl cyanoacetates, Preparation of. E. G. Somogyi. 2,553,065, May 15.
Alkylene - bis - carbamylamino- and guanidylcyclohexanes. J. E. Kirby. 2,551,378, May 1.
Alkyleneoxy-benzyl diaminodiphenylsulfone. M. Kosmin. 2,577,708, Dec. 4.
Alkyl ether of chlorofluoro heptene. E. T. McBee and W. S. Barnhart. 2,574,649, Nov. 13.
Alkyl ethers of polyhydroxyaralkylamines as accelerators. I. V. Runyan. 2,541,889, Feb. 13.
Alkyllead compounds, Continuous process for making. H. M. Rodekohr and S. M. Blitzer. 2,574,759, Nov. 13.
Alkyllead compounds, Manufacture of. G. Calingaert and H. Shapiro. 2,558,207, June 26.
Alkyllead compounds, Manufacture of. G. Calingaert and H. Shapiro. 2,562,856, July 31.
Alkylmercaptoalkanoates of hydroxylated hormones and producing same, Lower. A. Mooradian, E. J. Lawson, and C. M. Suter. 2,547,961, Apr. 10.
Alkyl-nitroaryl ethers, Preparation of. W. R. Ashford and R. W. Beattie. 2,545,597, Mar. 20.
Alkylol amides of dimerized fatty acids. J. T. Thurston and R. B. Warner. 2,537,493, Jan. 9.
Alkylolamine and morpholine salts of polymerized olefin sulfonic acids. H. W. Bradley. 2,570,094, Oct. 2.
Alkylolamine salts of acid esters of phosphorus acids, Esterified. J. W. Bishop. 2,574,955, Nov. 13.
Alkyl peresters. N. A. Milas. 2,567,615, Sept. 11.
Alkylphenol sulfoxides. W. S. Cook. 2,560,049, July 10.
Alkyl phenols as stabilizers for synthetic rubber latex. M. W. Swaney and F. W. Banes. 2,565,998, Aug. 28.
Alkyl-substituted carbamates. D. Papa, N. Sperber, and E. Schwenk. 2,536,079, Jan. 2.
Alkyl sulfenyl trithiocarbonates, Manufacture of. P. M. Arnold. 2,574,457, Nov. 13.
Alkyl sulfo-alkenyl phenols and salts thereof. E. A. Oberright. 2,542,832, Feb. 20.
Alkyl thiocyanates, Preparation of. C. M. Himel and L. O. Edmonds. 2,572,564, Oct. 23.
Alkylthiohydroxypropyl quaternary ammonium halides, Preparation of. J. F. Olin. 2,548,679, Apr. 10.
Alkylthiosulfenyl dithiocarbamates and preparation thereof. C. M. Himel and L. O. Edmonds. 2,572,845, Oct. 30.
Alkyl 3-thia-7-sila-7,7,7-trialkoxyheptanoates. C. A. Burkhard. 2,563,516, Aug. 7.
Alkyltin carboxylates, Preparation of. K. C. Eberly. 2,560,034, July 10.
Alkynes, Production of. R. S. Airs and P. J. Garner. 2,542,976, Feb. 27.
All-movable horizontal tail. J. W. Thorp. 2,563,757, Aug. 7.
All-purpose auto parts cleaner. H. L. Gorden. 2,573,008, Oct. 30.
All relay automatic telephone system trunk selection. J. H. Voss. 2,574,944, Nov. 13.
All-textile elastic fabrics, Making. B. H. Foster. 2,574,029, Nov. 6.
All-weather recording board. J. P. Nielsen. 2,547,167, Apr. 3.
Alloy: *See*—
Aluminum alloy.
Aluminum base alloy.
Copper base alloy.
Copper - iron - chromium alloy.
Ferritic alloy.
Heat-resistant ferritic alloy.
Hot workable alloy.
Magnesium alloy.
Metal alloy.
Nickel base high-temperature alloy.
Self-lubricating alloy.
Titanium alloy.
Titanium base alloy.
Uranium-cobalt alloy.
Alloy and making same, Cast graphitic nickel. G. L. Lee and J. T. Eash. 2,568,013, Sept. 18.
Alloy and making same, Graphitic nickel tin. J. T. Eash and G. L. Lee. 2,568,014, Sept. 18.
Alloy especially adapted for use at high temperatures, Metal. F. B. Foley. 2,543,841, Mar. 6.
Alloy for cathode element. A. M. Bounds. 2,566,115, Aug. 28.
Alloy for treatment of steel, Addition. C. N. Dawe. 2,579,369, Dec. 18.
Alloy for use as a pot or container for molten light metals. C. M. Sheridan and T. A. Pruger. 2,546,525, Mar. 27.
Alloy steel having high strength at elevated temperature. P. Payson. 2,572,191, Oct. 23.
Alloy steels for use at elevated temperatures. H. W. Kirkby and C. Sykes. 2,556,373, June 12.
Alloy steels resistant to softening at elevated temperatures, Hardenable. P. Payson. 2,565,264, Aug. 21.
Alloyed steel suitable preferably for water hardening tools of high resistance to wear as well as shock. H. Krainer and K. Swoboda. 2,569,894, Oct. 2.
Alloying compositions. F. A. Miller. 2,563,056, Aug. 7.
Alloying magnesium with ferrous metals. G. E. McKinney and P. J. Motter. 2,574,581, Nov. 13.
Alloys, Aluminum-magnesium casting. C. B. Willmore. 2,564,044, Aug. 14.
Alloys and articles, High-temperature. C. G. Bieber and W. F. Sumpter. 2,570,193, Oct. 9.
Alloys, Brazing. R. E. Ballentine and R. L. Zimmer. 2,554,233, May 22.
Alloys, Creep-resistant lead base. C. J. Snyder. 2,570,501, Oct. 9.
Alloys, High-temperature. R. H. English, and N. B. and M. N. Ornitz. 2,540,107, Feb. 6.
Alloys, Magnesium base. A. C. Jessup, E. F. Emley, and P. A. Fisher. 2,549,955, Apr. 24.
Alloys of cobalt and iron base, Weldable and high-temperature resisting hard. M. Schmidt. 2,553,609, May 22.
Alloys, Preparation of. J. D. Nisbet. 2,564,498, Aug. 14.
Allyl alcohols, Preparing substituted. J. M. Butler. 2,537,622, Jan. 9.
Allyl amine carbonates, polymers, and copolymers. C. E. Gleim. 2,579,426–7, Dec. 18.
Allylated polymeric ketones. R. S. Schreiber. 2,542,782, Feb. 20.
Allyl esters of fatty acids. M. A. Pollack. 2,536,568, Jan. 2.
Allyl esters of 3:6-endoxo-1:2-cyclohexanedicarboxylic acid and polymers thereof. M. L. A. Fluchaire and G. Collardeau. 2,570,029, Oct. 2.
Allylic rearrangement. W. J. Croxall and J. O. Van Hook. 2,540,071, Jan. 30.
Allyl isothiocyano ethers. W. S. Emerson and R. I. Longley, Jr. 2,577,409, Dec. 4.
Allyl 3:5-hexadienoate and producing it. M. L. A. Fluchaire and G. Collardeau. 2,573,001, Oct. 30.
Alpha-alkyl,4-alkyl cyclohexylbutyric acids. E. L. Pelton and A. A. Holzschuh. 2,560,242, July 10.
Alpha, alpha'-azobis (alpha-arylnitriles). D. C. Pease and J. A. Robertson. 2,565,573, Aug. 28.
Alpha-amino, alpha-cyano glutaric acid compounds and certain alkyl derivatives, Production of. O. A. Moe and D. T. Warner. 2,551,566, May. 1.
Alpha-amino-alpha-methylol malonic acid. J. H. Billman and E. E. Parker. 2,556,791, June 12.
Alpha-ammomethyl, alpha-amino araliphatic acids. G. Ehrhart. 2,543,837, Mar. 6.
α-anthrapyridinequinone compounds. J. B. Dickey. 2,552,263, May 8.
Alpha-bromo, omega-benzoylamino caproic acid, Preparation of. E. E. Howe and E. W. Pietrusza. 2,561,574, July 24.
Alpha-fluoromethacrylamides and polymers thereof. J. B. Dickey. 2,541,465, Feb. 13.
Alpha-fluoromethyl acrylonitriles and copolymers thereof. J. B. Dickey. 2,541,466, Feb. 13.
Alpha-halogen substituted acrylic compounds. C. E. Barnes and W. O. Ney, Jr. 2,548,091, Apr. 10.
Alpha-hydroxydecanoic acid. C. L. Levesque. 2,569,422, Sept. 25.
α-methacryloxy propionamide, Preparing an. D. D. Reynolds and W. O. Kenyon. 2,545,044, Mar. 13.
Alpha-methylacrolein, Preparation of. W. F. Gresham. 2,549,457, Apr. 17.
α-methyl benzyl esters of campholic and fencholic acids. W. A. Fry. 2,561,193, July 17.
α-(mononitro-monocyclic-aryl)-β-haloethyl lower alkyl ethers. J. M. Wilkinson, G. W. Pedlow, and R. F. Kleinschmidt. 2,573,080, Oct. 30.
Alpha-pinene and vinyl cyclohexene resin. S. G. Burroughs. 2,567,918, Sept. 18.
α-substituted acrylic acids and esters and polymers thereof. J. B. Dickey and H. W. Coover, Jr. 2,563,776, Aug. 7.
Altar, Folding. F. T. Paden. 2,547,966, Apr. 10.
Alterable common gauge railway track construction. L. Spencer. 2,578,099, Dec. 11.
Altering flavor of cereals. E. G. Huzenlaub and F. H. Rogers. 2,539,999, Jan. 30.
Alternating azimuth sweep. M. A. Starr. 2,562,341, July 31.
Alternating current actuator or relay. O. I. Price. 2,563,271, Aug. 7.
Alternating-current-direct-current rectifier circuit. P. R. Weiler. 2,570,175, Oct. 2.
Alternating-current electrologging. R. G. Norelius. 2,569,867, Oct. 2.
Alternating current excited frequency changer. W. S. Wiseman. 2,557,901, June 19.
Alternating current frequency measuring. O. B. Dutton. 2,557,817, June 19.
Alternating current generator. W. L. Ringland. 2,539,273, Jan. 23.
Alternating-current generator. F. A. Sherman. 2,549,135, Apr. 17.
Alternating current motor. W. H. Gille. 2,553,760, May 22.
Alternating-current motor control apparatus. J. C. Mouzon. 2,574,837, Nov. 13.
Alternating-current rectifier of the selenium type. G. H. Leland. 2,571,588, Oct. 16.
Alternating-current signaling system. T. F. S. Hargreaves and W. F. Gould. 2,577,755, Dec. 11.

Alternating-current welder. F. B. Miller. 2,577,258, Dec. 4.
Alternator control. C. W. Chillson. 2,566,694, Sept. 4.
Altimeter. W. Angst and J. H. Andresen. 2,557,856, June 19.
Altimeter. C. J. Jenny. 2,552,377, May 8.
Altimeter actuated by cosmic rays. J. W. B. Barghausen and J. A. Van Allen. 2,573,823, Nov. 6.
Altimeter and range finder, Frequency modulation. V. D. Landon and W. L. Carlson. 2,537,593, Jan. 9.
Altitude control. A. M. MacCallum and N. B. Murphy. 2,552,196, May 8.
Altitude control system for automatic pilots. E. P. Turner. 2,567,831, Sept. 11.
Alumina chromatographic purification of liver extracts. K. Folkers and J. Shavel, Jr. 2,573,702, Nov. 6.
Alumina from slags or sinters prepared from lime and alumina-bearing materials, Producing. A. M. Hollum, W. A. James, and W. A. Semple. 2,544,231, Mar. 6.
Alumina magnesia silica catalysts, Coprecipitated. D. Porret. 2,540,689, Feb. 6.
Alumina-platinum oxysulfide-halogen catalyst and its preparation. V. Haensel. 2,566,521, Sept. 4.
Aluminum alkoxides, Manufacture of. A. C. Coates and L. Saunders. 2,579,251, Dec. 18.
Aluminum alloy. H. Burkhardt. 2,574,318, Nov. 6.
Aluminum alloy. R. H. Harrington. 2,572,562, Oct. 23.
Aluminum articles coated with heat-sealable composition. G. H. Bischoff. 2,566,513–14, Sept. 4.
Aluminum articles coated with heat-sealable composition L. M. Debing. 2,566,794, Sept. 4.
Aluminum articles coated with heat-sealable composition. R. G. Kennelly. 2,566,802, Sept. 4.
Aluminum articles coated with heat-sealable composition. N. N. T. Samaras. 2,566,536, Sept. 4.
Aluminum base alloy. J. C. Southard. 2,578,098, Dec. 11.
Aluminum base alloys. C. B. Willmore. 2,568,179–80, Sept. 18.
Aluminum carboxylic acid soap-heavy metal salt of hydroxy quinoline fungicidal composition and preparation thereof. V. N. Kalberg. 2,561,379, July 24.
Aluminum clad steel, Making. F. R. Hensel. 2,539,246, Jan. 23.
Aluminum coated metal articles, Producing. G. Stern. 2,573,229, Oct. 30.
Aluminum coating of ferrous metal and resulting product. D. O. Gittings. 2,565,768, Aug. 28.
Aluminum compounds, Production of. O. Redlich, M. F. Adams, and E. K. Holt. 2,566,143, Aug. 28.
Aluminum fluoride, Producing. A. Schnorf, J. Nabholz, and B. Sguaitamatti. 2,540,493, Feb. 6.
Aluminum halide catalysts, Manufacture of. T. H. Whaley, Jr. 2,538,345, Jan. 16.
Aluminum hydrogen phosphates, Solid. H. H. Greger. 2,538,867, Jan. 23.
Aluminum hydroxide-magnesium phosphate pharmaceutical composition, method therefor, and thixotropy thereof. H. Eisenberg, B. W. Allan, and R. Roseman. 2,570,532, Oct. 9.
Aluminum resinates and preparation. W. E. St. Clair and R. V. Lawrence. 2,567,250, Sept. 11.
Aluminum soap compositions and greases containing them. K. D. Ashley and S. Mason. 2,555,104, May 29.
Aluminum trihydrate, Producing. J. R. Wall. 2,549,549, Apr. 17.
Aluminum welding wire, Preparing. R. V. Vanden Berg. 2,569,030, Sept. 25.
Amalgam carrier. W. S. Crowell. 2,573,547, Oct. 30.
Amalgamating machine. W. Styles. 2,579,881, Dec. 25.
Ambient pressure-responsive clamping means. A. J. Reyenga. 2,570,984, Oct. 9.
Ambulatory invalid chair. W. R. Nelson. 2,578,828, Dec. 18.
Amide-glyoxal-formaldehyde reaction product and shrinkproofing cellulose textile fibers therewith. R. L. Lehmann and J. Lintner. 2,574,114, Nov. 6.
Amide-linked bis-quaternary ammonium compounds. P. L. de Benneville and C. L. Levesque. 2,569,409, Sept. 25.
Amide resins and resinous vehicles thereof. L. E. Cadwell. 2,540,776, Feb. 6.
Amides of monocarboxylic acids having acaricidal and disinfecting properties. H. Martin and A. Margot. 2,541,930, Feb. 13.
Amides of 9,10-epoxystearic acid. J. T. Scanlan, D. Swern, and E. T. Roe. 2,567,237, Sept. 11.
Amides of ortho titanic acid. T. Boyd. 2,579,413, Dec. 18.
Amides, Preparation of. T. L. Gresham and F. W. Shaver. 2,548,155, Apr. 10.
Amides, Production of. W. F. Gresham. 2,542,766, Feb. 20.
Amides, Production of. C. F. Jelinek. 2,572,809–10, Oct. 23.
Amidothiophosphates. C. L. Moyle. 2,552,576, May 15.
Amidothiophosphates. C. L. Moyle and E. E. Kenaga. 2,552,574, May 15.
Amine activated polymerization process. G. E. Serniuk. 2,557,363, June 19.
Amine-gasoline mixtures, Stabilized aromatic. W. J. Sweeney. 2,552,466, May 8.
Amine salt of penicillin. A. P. Granatek. 2,578,537, Dec. 11.
Amine salt of penicillin. A. P. Granatek. 2,579,185, Dec. 18.
Amine salt precipitants for antibiotic bases. P. P. Regna and I. A. Solomons. 2,560,891, July 17.
Amines as gel-shrinkage reducing agents in synthetic-rubber sponge. L. A. Wohler and E. Schmidt. 2,537,645, Jan. 9.
Aminoacetobiphenyl compounds. L. L. Bambas. 2,543,265, Feb. 27.
Amino acid amides of pteroic acid and preparing the same. J. F. McPherson and R. Mozingo. 2,540,274, Feb. 6.
Aminoacidamides, Preparation of. W. H. Hartung. 2,542,812, Feb. 20.
Amino acid synthesis. D. I. Weisblat and D. A. Lyttle. 2,570,297, Oct. 9.
Amino acids from protein, Production of. E. C. Pattee. 2,555,276, May 29.
Amino acids, Production of. H. C. White. 2,557,920, June 19.
Amino-aldehyde condensation products and preparing them. G. Barsky and F. A. Strauss. 2,548,416, Apr. 10.
Amino-aldehyde resin plasticized with a polyvinyl acetal and a flow-promoting secondary plasticizer. H. P. Wohnsiedler and W. S. Sloatman, Jr. 2,546,841, Mar. 27.
Amino-aldehyde resin solutions and preparing them. G. Barsky and F. A. Strauss. 2,576,711, Nov. 27.
Aminoalkoxysilanes. L. J. Clapsadle. 2,541,154, Feb. 13.
Aminoalkylated diamino diphenyl sulfones. A. L. Rawlins. 2,561,948. July 24.
Aminoalkyl esters of α,β,β-triaryl-propionic acids. C. P. Krimmel. 2,576,230, Nov. 27.
Aminoalkylethanesulfonamide. R. M. Jacob and J. G. Robert. 2,553,093, May 15.
Aminoalkyl ethers of diaryl carbinols, Production of. J. W. Cusic. 2,577,234, Dec. 4.
Aminoalkyl ethers of pyridyl alkylene aryl compounds. D. Papa and N. Sperber. 2,566,360, Sept. 4.
Aminoalkyl-2-thienyl-cycloalkenyl acetate. F. Leonard. 2,561,385, July 24.
Amino-anthraquinone compounds containing a trifluoromethyl group and a polyfluoroalkylamino group. J. B. Dickey and E. B. Towne. 2,537,976, Jan. 16.
Amino aryl acetonitriles, Substituted. L. M. Schenck. 2,563,376, Aug. 7.
Aminoazobenzenes, Preparation of. G. Shulman. 2,538,431, Jan. 16.
Aminobenzothiazole, Preparation of. J. T. Cassaday and E. I. Hoegberg. 2,575,614, Nov. 20.
Aminobenzoyl amino acids, Producing. J. H. Mowat and C. W. Waller. 2,537,366, Jan. 9.
Amino cyclic acetals. M. Senkus. 2,543,473, Feb. 27.
Amino-cyclohexylcyclohexane salts of dyestuff acids. J. Ogilvie. 2,555,603, June 5.
Amino derivatives and making same. F. Ackermann. 2,550,321, Apr. 24.
Amino diols, Acylated. L. M. Long and H. D. Troutman. 2,545,094, Mar. 13.
Amino diols, Polyacylated. L. M. Long and H. D. Troutman. 2,545,095, Mar. 13.
Aminoguanidine compounds, Manufacture of. G. R. Campbell. 2,537,328, Jan. 9.
Amino-halogen-thiophanthraquinones. H. E. Schroeder and L. A. Ringrose. 2,559,677, July 10.
Amino hydroxy acids, Preparing aromatic. L. Doub. 2,540,104, Feb. 6.
Aminoindane compounds, Preparation of. M. J. Allen. 2,539,388. Jan. 30.
Aminomethyl compounds of the benzanthrone series and the N-phthaloyl derivatives thereof. D. I. Randall and S. R. Buc. 2,536,984, Jan. 2.
Aminomethyl-keto-steroids and preparing. P. L. Julian, E. W. Meyer, and H. C. Printy. 2,562,194, July 31.
Amino nitriles by ammonolysis of chloro nitriles, Production of. O. W. Bauer and J. W. Teter. 2,552,026, May 8.
Amino-phenylmercury sulfate and aqueous solutions thereof. F. J. Sowa and A. Schwerdle. 2,543,733, Feb. 27.
Amino resinous compositions and their preparation, Plasticized. J. E. H. Hayward and P. H. Calderbank. 2,571,240, Oct. 16.
Aminostilbene derivatives and process, Water-soluble. F. Ackermann. 2,567,796, Sept. 11.
Amino-thiophanthraquinones. H. R. Lee and V. Weinmayr. Re. 23,390, July 10.
Ammelide and ammeline, Production of. L. J. Beckham. 2,572,587, Oct. 23.
Ammonia dissociator. W. H. Marshall, Jr. 2,578,193, Dec. 11.
Ammonia, Producing. A. M. Souby and J. C. Schiller. 2,550,389, Apr. 24.
Ammonium alkyl sulfates, Unsymmetrical quaternary. J. B. Niederl, W. F. Hart, and M. E. McGreal. 2,569,326, Sept. 25.
Ammonium hydroxide composition. C. S. Kimball. 2,554,913, May 29.
Ammonium nitrate, Manufacture of. S. Strelzoff. 2,551,569, May 1.
Ammonium nitrate, Producing. L. A. Stengel. 2,568,901, Sept. 25.
Ammonium pentachlorophenates, Quaternary. S. N. Glarum and A. L. Houk. 2,541,816, Feb. 13.
Ammonium phosphate, Producing. O. Rice. 2,561,415, July 24.

Ammonium thiocyanate-partially resinified furfuryl alcohol resins. A. P. Dunlop and P. R. Stout. 2,570,028, Oct. 2.
Ammonium uranyl sulfate and uranium oxide, Production of basic. E. O. Brimm and C. N. Smith. 2,536,347, Jan. 2.
Ammonolysis of organo silicon halides. N. D. Cheronis. 2,579,417, Dec. 18.
Ammunition clip. G. W. Kinzelman. 2,578,706, Dec. 18.
Ammunition container. R. N. Sandberg. 2,573,774, Nov. 6.
Ammunition feed and control system. E. J. Meyer. 2,541,530, Feb. 13.
Ammunition feeding means. W. L. MacKenzie. 2,550,837, May 1.
Ammunition lubrication. J. R. Turner. 2,547,548, Apr. 3.
Ammunition repair apparatus. A. R. Kinzle. 2,549,820, Apr. 24.
Ammunition supply system. V. S. Kraeger and A. F. Pym. 2,542,200, Feb. 20.
Amorphous silica, Preparing white finely divided. J. L. Porter. 2,573,057, Oct. 30.
Amplification and demodulation system. W. Y. Pan. 2,553,672, May 22.
Amplification system, Direct current. J. M. Lafferty. 2,540,825, Feb. 6.
Amplifier. L. M. Belleville. 2,577,506, Dec. 4.
Amplifier. I. R. Brenholdt. 2,541,198, Feb. 13.
Amplifier. J. C. Lozier. 2,556,699, June 12.
Amplifier. P. T. Semm and R. T. Nakasone. 2,548,176, Apr. 10.
Amplifier, Alternating current magnetic. K. Votruba. 2,573,818, Nov. 6.
Amplifier arrangement. J. A. Rado. 2,562,476, July 31.
Amplifier, Audio-frequency. J. W. Crownover and H. W. Koren. 2,563,773, Aug. 7.
Amplifier, Balanced dynamic compressor. E. S. Purington. 2,553,674, May 22.
Amplifier, Balanced push-pull. E. J. Stachura. 2,561,425, July 24.
Amplifier band width control. G. C. Sziklai. 2,579,345, Dec. 18.
Amplifier, Beam. D. E. Wooldridge. 2,537,388, Jan. 9.
Amplifier, Bridging. J. W. Rieke. 2,547,538, Apr. 3.
Amplifier circuit. J. J. Z. van Zelst. 2,554,132, May 22.
Amplifier, Clipping. W. R. Woodward. 2,560,709, July 17.
Amplifier construction, Semiconductor. G. M. Rose, Jr. 2,538,593, Jan. 16.
Amplifier control system, Magnetic. R. E. Morgan. 2,554,203, May 22.
Amplifier coupling circuit. A. B. Macnee. 2,571,045, Oct. 9.
Amplifier, Direct-current. F. M. Bailey. 2,570,088, Oct. 2.
Amplifier, Direct current. R. W. Gilbert. 2,550,990, May 1.
Amplifier, Direct-current. A. O. McCoubrey. 2,571,915, Oct. 16.
Amplifier, Direct-current. M. S. Wheeler. 2,562,006, July 24.
Amplifier, Direct current negative feedback. B. L. Weller. 2,536,617, Jan. 2.
Amplifier, Displacement or torque. W. L. Hunt and W. D. Macgeorge. 2,568,586, Sept. 18.
Amplifier, Distortion-free automatic volume control. F. W. Roberts and R. C. Curtis. 2,548,822, Apr. 10.
Amplifier, Double-acting proportional hydraulic pressure power. E. G. Staude. 2,579,711, Dec. 25.
Amplifier, Double-bridge push-pull differential. J. E. Williams. 2,545,507, Mar. 20.
Amplifier, Dynamic compressor. E. S. Purington. 2,553,673, May 22.
Amplifier, Electromechanical. C. W. Hansell. 2,540,614, Feb. 6.
Amplifier, Electron discharge valve. E. L. C. White. 2,550,029, Apr. 24.
Amplifier, Feedback. R. L. Watters. 2,573,523, Oct. 30.
Amplifier for controlling heating apparatus, Thermocouple auxiliary. A. S. Kyle. 2,544,031, Mar. 6.
Amplifier for facsimile recording lamps, Compensating. A. Liguori. 2,569,321, Sept. 25.
Amplifier for hearing aids, Unitary. F. S. Corso and T. H. Crabtree. 2,564,425, Aug. 14.
Amplifier for motor controls, Electronic. R. R. Chapman. 2,547,621, Apr. 3.
Amplifier for pulses, Voltage regulated multiple. G. E. Hagen. 2,560,691, July 17.
Amplifier for three-phase current impulses, Electronic. G. Briggs. 2,546,628, Mar. 27.
Amplifier, Frequency selective feedback. R. D. Huntoon. 2,566,333, Sept. 4.
Amplifier having a predetermined band-pass characteristic throughout its range, Tunable. C. J. van Loon and B. D. H. Tellegen. 2,555,906, June 5.
Amplifier, Hearing aid. J. W. Crownover and H. A. Pearson. 2,541,811, Feb. 13.
Amplifier, High efficiency class C. J. C. Ferguson. 2,546,993, Apr. 3.
Amplifier, High-fidelity. L. L. Pourciau. 2,559,515, July 3.
Amplifier, High-frequency. J. E. Young. 2,551,715, May 8.
Amplifier, Hydraulic force. G. F. Drake. 2,549,786, Apr. 24.
Amplifier, including a velocity modulation tube, High-frequency. M. J. O. Strutt and A. van der Ziel. 2,547,235, Apr. 3.
Amplifier, including input electrode capacitance neutralizing means, Wave signal. J. A. Rankin. 2,550,378, Apr. 24.
Amplifier, Input damping compensated. G. Diemer and K. S. Knol. 2,557,178, June 19.
Amplifier, Listening. R. O. Hanson. 2,569,930, Oct. 2.
Amplifier, Low noise intermediate-frequency. R. T. Adams. 2,549,761, Apr. 24.
Amplifier, Magnetic. E. G. Downie. 2,578,405, Dec. 11.
Amplifier, Magnetic. P. Gachet and P. J. A. de Montgremier. 2,552,952, May 15.
Amplifier, Magnetic. G. Hepp. 2,556,083, June 5.
Amplifier, Magnetic. R. W. Olson. 2,548,049, Apr. 10.
Amplifier, Multiple reaction circuit. M. Rheingold and S. Van Mierlo. 2,559,662, July 10.
Amplifier, Negative feedback. L. R. J. Johnson, D. G. Holloway, and E. L. C. White. 2,547,213, Apr. 3.
Amplifier, Negative feedback thermionic. A. H. Roche and A. J. Buxton. 2,556,218, June 12.
Amplifier network. H. M. Zeidler. 2,566,508, Sept. 4.
Amplifier of very high frequency. G. Bezy. 2,550,759, May 1.
Amplifier, Proportional pressure double-acting power. E. G. Staude. 2,554,843, May 29.
Amplifier protective circuit. H. M. Wilson. 2,541,489, Feb. 13.
Amplifier, Push-pull differential electronic. J. E. Williams. 2,543,819, Mar. 6.
Amplifier-rectifier circuit. J. F. Clark, III. 2,574,690, Nov. 13.
Amplifier, Secondary emission. W. G. Shepherd. 2,547,142, Apr. 3.
Amplifier, Seismic signal. J. E. Hawkins and J. R. Cornett. 2,554,905, May 29.
Amplifier, Selective. D. E. Howes. 2,575,109, Nov. 13.
Amplifier, Self-focusing direct-coupled. W. K. Volkers. 2,538,488, Jan. 16
Amplifier, Self-focusing, direct-coupled, even stage. W. K. Volkers. 2,538,487, Jan. 16.
Amplifier, Semiconductor. W. E. Kock and R. L. Wallace, Jr. 2,560,579, July 17.
Amplifier, Servo control. L. E. Barton. 2,538,494, Jan. 16.
Amplifier, Signal shaping. W. A. Anderson. 2,546,813, Mar. 27.
Amplifier, Space-charge-coupled cascade. R. Adler. 2,547,145, Apr. 3.
Amplifier, Stabilized. A. B. Anderson. 2,547,107, Apr. 3.
Amplifier, Stabilized feedback. S. Doba, Jr. 2,578,341, Dec. 11.
Amplifier system, Audio. G. F. Devine. 2,566,057, Aug. 28.
Amplifier system for alternating voltages. F. R. Milsom. 2,557,194, June 19.
Amplifier system, Linear. C. A. E. Beurtheret. 2,552,136, May 8.
Amplifier system, Selective. E. S. Purington. 2,557,009, June 12.
Amplifier, Television intermediate frequency. H. Goldberg. 2,574,259, Nov. 6.
Amplifier, Thermionic. E. G. O. Anderson. 2,537,807, Jan. 9.
Amplifier, Thermionic valve. F. L. Hill. 2,558,519, June 26.
Amplifier, Torque. C. F. Schaefer. 2,572,523, Oct. 23.
Amplifier, Torque. M. ten Bosch and P. H. Lang. 2,576,863, Nov. 27.
Amplifier, Transverse traveling wave. R. S. Bailey. 2,559,581, July 10.
Amplifier, Vacuum tube. V. H. Hiatt. 2,576,938, Dec. 4.
Amplifier, Vacuum tube current. E. G. Linder. 2,540,537, Feb. 6.
Amplifier, Variable mutual conductance. G. H. P. Alma. 2,538,663, Jan. 16.
Amplifier, Voltage doubler magnetic. R. E. Morgan. 2,552,203, May 8.
Amplifier, Volume controlling. D. E. Maxwell. 2,544,340, Mar. 6.
Amplifier, Volume limiting. J. L. Merrill and G. C. Reier. 2,561,747, July 24.
Amplifier wave inverter. D. L. Hings. 2,537,760, Jan. 9.
Amplifier, Wide-band. L. W. Hershinger. 2,574,828, Nov. 13.
Amplifying and oscillating tube with traveling wave control. O. Dohler, H. Huber, and W. Kleen. 2,580,007, Dec. 25.
Amplifying device, High-frequency. L. M. Field. 2,575,383, Nov. 20.
Amplifying gauge. H. J. Lovenston. 2,546,513, Mar. 27.
Amplifying system for ultra high frequencies. M. J. O. Strutt and A. van der Ziel. 2,549,992, Apr. 24.
Amplifying system, Variable gain. V. L. Holdaway. 2,556,692, June 12.
Amplitude and frequency modulation detectors, Combined. E. I. Anderson. 2,561,088, July 17.
Amplitude control for oscillators, Automatic. R. E. King. 2,543,030, Feb. 27.
Amplitude limiter. E. W. Herold. 2,544,226, Mar. 6.
Amplitude-modulation-frequency-modulation antenna. F. H. Nelson and R. H. Dreisbach. 2,572,183, Oct. 23.

Amplitude modulation of magnetron. H. F. Engelmann. 2,576,108, Nov. 27.
Amplitude modulation of microwaves. R. T. Gabler and W. Altar. 2,545,994, Mar. 20.
Ampoule and injection syringe, Combined. F. Leonetti and F. Tasso. 2,552,100, May 8.
Ampoule closure, Tubular. M. L. Lockhart. 2,556,331, June 12.
Ampoule package. C. E. Slaughter. 2,555,863, June 5.
Ampoule, Syringe. F. E. Brown. 2,549,417, Apr. 17.
Amusement and exercising device, Ridable. M. Green. 2,560,436, July 10.
Amusement device. R. L. Carwile. 2,577,309, Dec. 4.
Amusement device. L. J. Milbourn. 2,564,542, Aug. 14.
Amusement device. W. H. Nicholson. 2,576,852, Nov. 27.
Amusement device, Animated. B. N. Daniel. 2,544,949, Mar. 13.
Amusement device embodying a simulated racing game. L. B. Cook. 2,555,785, June 5.
Amusement device for children, Convertible rocking or rolling. W. A. Billinghurst. 2,541,327, Feb. 13.
Amusement device, Punchboard. D. Cook. 2,572,110, Oct. 23.
Amusement device, Spinning indicator. F. Cook. 2,560,158, July 10.
Amusement ride car. N. Bartlett. 2,539,360, Jan. 23.
Amusement ride device. E. and J. F. Mosca. 2,573,589, Oct. 30.
Analogue, Electrical. B. D. Lee and G. Herzog. 2,547,950, Apr. 10.
Analytical method and apparatus. D. E. Smith. 2,538,710, Jan. 16.
Analytical selenium strip and preparation thereof. F. Stitt. 2,567,251, Sept. 11.
Analyzer. J. W. Hutchins. 2,579,825, Dec. 25.
Analyzer, Industrial infrared. G. A. Martin. 2,550,419, Apr. 24.
Analyzing apparatus. W. H. Wannamaker, Jr. 2,576,056, Nov. 20.
Analyzing hydrocarbons. E. F. Wadley and J. A. Anderson, Jr. 2,577,640, Dec. 4.
Analyzing optical images. G. A. Morton and G. L. Krieger. 2,548,118, Apr. 10.
Analyzing substance by mass spectrometry, Method and apparatus for. R. W. Long. 2,541,656, Feb. 13.
Analyzing system for determining the fundamental frequency of a complex wave. D. Mitchell. 2,561,478, July 24.
Anastigmatic deflection yoke. K. Schlesinger. 2,562,395, July 31.
Anchor. R. S. Danforth. 2,576,390, Nov. 27.
Anchor. E. L. Johnson. 2,556,279, June 12.
Anchor apparatus, Sea. L. P. Frieder and W. S. Finken. 2,536,682, Jan. 2.
Anchor, Collapsible. D. V. Douglas. 2,540,867, Feb. 6.
Anchor controlling device. D. E. Rice. 2,536,224, Jan. 2.
Anchor, Earth. E. K. Cole. 2,570,646, Oct. 9.
Anchor for decoy ducks. H. L. Rawlins and G. W. Weaver. 2,555,815, June 5.
Anchor for gratings. W. A. Bates. 2,572,431, Oct. 23.
Anchor for infants, Crib. H. S. Weinstein. 2,566,046, Aug. 28.
Anchor for ladders, Rung. N. A. Stroud. 2,570,730, Oct. 9.
Anchor for mine roof bolts, Explosively actuated. R. Temple. 2,573,880, Nov. 6.
Anchor for mortise and tenon joint. W. R. Brown. 2,538,292, Jan. 16.
Anchor for pipes. T. F. M. Williamson. 2,546,533, Mar. 27.
Anchor for tapes, bands, cables, and the like. G. Steingruber. 2,560,396, July 10.
Anchor for well derricklines, Cable. C. R. Athy and C. R. Konkle. 2,552,924, May 15.
Anchor, Grating. W. A. Bates. 2,572,432, Oct. 23.
Anchor, Multiple load-binder. J. M. Moon. 2,570,368, Oct. 9.
Anchor pad for musical instruments. R. L. McMullen. 2,561,937, July 24.
Anchor, Pivoted fluke. J. A. Staempfli. 2,563,380, Aug. 7.
Anchor plate, Strap. J. P. Mierzwa. 2,548,993, Apr. 17.
Anchor, Rail. J. W. Skeel. 2,551,507–8, May 1.
Anchor, Sea. L. P. Frieder and W. S. Finken. 2,536,681, Jan. 2.
Anchor, Self-propelled marine. L. G. Howell. 2,541,652, Feb. 13.
Anchor stud. J. R. Nyl. 2,560,525, July 10.
Anchor support and rope guide. W. D. Amundson. 2,554,804, May 29.
Anchor, Tapeline. W. R. Brennan. 2,549,287, Apr. 17.
Anchor, Tubing. J. D. Nixon. 2,546,950, Mar. 27.
Anchorage of toilet fixtures. C. J. Angelone. 2,549,357, Apr. 17.
Anchoring device. G. H. Erb. 2,545,514, Mar. 20.
Anchoring device for checkrow wires. J. C. Engebretson. 2,544,260, Mar. 6.
Anchoring device for coal and other mines. W. Vogel. 2,566,003, Aug. 28.
Anchoring device for well packers. R. A. Lamb. 2,570,565, Oct. 9.
Anchoring means for visors for vehicles. M. U. Squiers. 2,541,304, Feb. 13.
Anchoring wobble plates. E. E. K. Sparmann. 2,550,613, Apr. 24.
Andiron for fireplaces. E. C. Schoenheit. 2,569,198, Sept. 25.
Androgenic compositions. A. C. Ott. 2,566,358, Sept. 4.
Anemometer construction. F. R. Sias. 2,579,344, Dec. 18.
Angle block. F. P. De Sousa. 2,536,629, Jan. 2.
Angle cock bracket. C. R. Radey. 2,568,562, Sept. 18.
Angle device, Adjustable cropping. E. J. Ens. 2,560,937, July 17.
Angle guide, Type compositor's. W. H. Hughes. 2,563,169, Aug. 7.
Angle modulation demodulator. R. B. Dome. 2,540,813, Feb. 6.
Angle objective, Wide field. R. K. Luneburg. 2,538,841, Jan. 23.
Angle post shoring head. T. Sato. 2,537,863, Jan. 9.
Angle station for belt conveyers. R. Milik. 2,561,708, July 24.
Angler's tackle box. R. L. Fye. 2,539,302, Jan. 23.
Angularly adjustable beach seat. O. V. Johnson. 2,571,-139, Oct. 16.
Angularly adjustable circular saw mounting. J. P. Enslow and P. L. Wagner. 2,574,025, Nov. 6.
Angularly adjustable wire to bar connector. I. F. Matthyse. 2,576,527, Nov. 27.
Anhydride synthesis. W. F. Gresham and R. E. Brooks. 2,549,453, Apr. 17.
Anhydrides, Manufacturing. P. Chassaing and P. Biarnais. 2,575,159, Nov. 13.
Anhydrous magnesium carbonate, Manufacture of. G. H. Gloss. 2,580,168, Dec. 25.
Anhydrous sodium beta-naphtholate and carbonation thereof, Preparation of. F. J. Hodges and M. L. Nadler. 2,544,881, Mar. 13.
Animal-actuated insecticide distributor. A. C. Bush. 2,571,536, Oct. 16.
Animal feeder. H. E. Morey. 2,543,465, Feb. 27.
Animal feedstuff. G. H. Beckwith and J. I. Sutherland. 2,566,549, Sept. 4.
Animal holder. W. G. Brosene, Jr., and F. B. Ablondi. 2,540,650, Feb. 6.
Animal horn weight. R. F. Ellis. 2,541,224, Feb. 13.
Animal killer. A. Watson. 2,536,336, Jan. 2.
Animal seat and exercising device. E. M. Churchfield and W. Barnes, Jr. 2,579,797, Dec. 25.
Animal trap. B. M. Bird. 2,540,418, Feb. 6.
Animal trap. J. Blatchford. 2,573,759, Nov. 6.
Animal trap. E. Brust. 2,544,295, Mar. 6.
Animal trap. E. N. Burrows. 2,542,310, Feb. 20.
Animal trap. F. L. Clark. 2,577,182, Dec. 4.
Animal trap. M. A. Clayton. 2,555,677, June 5.
Animal trap. W. G. Dague. 2,571,841, Oct. 16.
Animal trap. E. C. De Hart. 2,559,348, July 3.
Animal trap. L. J. De Vorsey. 2,562,417, July 31.
Animal trap. C. D. Ellis. 2,566,176, Aug. 28.
Animal trap. F. Ellwein. 2,544,145, Mar. 6.
Animal trap. C. Grossi. 2,549,080, Apr. 17.
Animal trap. W. H. Hickson. 2,562,313, July 31.
Animal trap. W. R. Horne. 2,560,442, July 10.
Animal trap. A. E. Kern and E. L. Wood. 2,544,026, Mar. 6.
Animal trap. W. R. Lazenby. 2,541,771, Feb. 13.
Animal trap. J. U. Lehn. 2,568,344, Sept. 18.
Animal trap. C. C. Mau. 2,564,811, Aug. 21.
Animal trap. E. F. Mogren. 2,562,809, July 31.
Animal trap. J. Silvia. 2,579,208, Dec. 18.
Animal trap. A. M. Sloan. 2,551,908, May 8.
Animal trap. H. L. Story. 2,578,856, Dec. 18.
Animal trap. C. E. Streed. 2,564,134, Aug. 14.
Animal trap. G. Titus. 2,536,585, Jan. 2.
Animal trap. E. Torgeson. 2,578,762, Dec. 18.
Animated picture lamp. R. Y. Allen. 2,538,407, Jan. 16.
Animated toy vehicle. G. W. Harris. 2,576,398, Nov. 27.
Anion exchange materials and their preparation. T. R. E. Kressman. 2,570,822, Oct. 9.
Anionic flotation process for beneficiating iron ore. R. J. Morton. 2,551,893, May 8.
Anisometric metallic filter. D. Pall. 2,554,343, May 22.
Anisotropic alnico magnet, Sintered. R. J. Studders. 2,546,047, Mar. 20.
Annealing a selenium coating. C. E. Peters and D. W. Rau. 2,575,392, Nov. 20.
Annealing furnace. T. W. Munford. 2,546,697, Mar. 27.
Annular combustion chamber with circumferentially spaced double air-swirl burners. L. E. Berggren and W. C. Schaffer. 2,560,207, July 10.
Annular radiating drum air heating furnace. H. H. Diggins. 2,568,388, Sept. 18.
Annunciator. A. H. B. Walker. 2,571,973, Oct. 16.
Annunciator torque tool. A. J. Savoy. 2,557,695, June 19.
Anode basket. J. D. Beebe. 2,559,926, July 10.
Anode control for plating tanks. W. Messinger and D. B. Lytle. 2,545,294, Mar. 13.
Anode for electroplating phonograph recordings and shells produced therefrom. G. B. Hogaboom, Jr. 2,557,503. June 19.
Anode for electrowinning manganese and making the same. J. Koster. 2,546,548, Mar. 27.
Anode for gas filled tubes, Tantalum. E. K. Smith. 2,538,053, Jan. 16.
Anode for magnetrons, Continuous-strip. N. P. Nichols. 2,548,808, Apr. 10.
Anode structure for space resonant discharge devices. R. B. Nelson. 2,546,773, Mar. 27.

Anode target for high-voltage high-vacuum uniform-field acceleration tubes. R. J. Van de Graaff and W. W. Buechner. 2,559,526, July 3.
Ant trap. O. W. Fisher, Sr. 2,545,772, Mar. 20.
Ant trap. L. Magnesi. 2,544,234, Mar. 6.
Antacid composition. M. J. Sullivan and G. J. Martin. 2,554,072, May 22.
Antenna. R. F. Baum. 2,541,021, Feb. 13.
Antenna. E. J. Bernet. 2,558,727, July 3.
Antenna. J. W. Christensen and R. C. Moyer. 2,562,296, July 31.
Antenna. T. H. Clark. 2,541,037, Feb. 13.
Antenna. J. Cretella. 2,556,839, June 12.
Antenna. L. A. De Rosa, F. J. Lundburg, and H. N. Capen. 2,549,783, Apr. 13.
Antenna. A. S. Dunbar. 2,572,995, Oct. 30.
Antenna. M. D. Ercolino. 2,570,333, Oct. 9.
Antenna. G. A. Kumpf. 2,577,469, Dec. 4.
Antenna. N. E. Lindenblad. 2,573,460–1, Oct. 30.
Antenna. W. C. Mock, Jr. 2,558,145, June 26.
Antenna. C. C. Moore. 2,537,191, Jan. 9.
Antenna. H. J. Riblet. 2,540,757, Feb. 6.
Antenna. H. J. Riblet. 2,543,468, Feb. 27.
Antenna. W. Sichak. 2,547,414, Apr. 3.
Antenna. V. Trebules and A. Robertson, Jr. 2,542,884, Feb. 20.
Antenna. L. C. Van Atta. 2,567,746, Sept. 11.
Antenna and power indicator, High-frequency dummy. V. H. Wiley. 2,565,900, Aug. 28.
Antenna apparatus. S. L. Bergey and J. A. Nottingham. 2,544,648, Mar. 13.
Antenna array. E. C. Hills. 2,578,973, Dec. 18.
Antenna, Automobile. J. Grashow. 2,536,053, Jan. 2.
Antenna, Biconical high-frequency. G. G. Greene. 2,541,870, Feb. 13.
Antenna, Circularly polarized. A. G. Kandoian. 2,539,433, Jan. 30.
Antenna connector system. H. A. Bass. 2,538,497, Jan. 16.
Antenna construction. E. G. Hills. 2,566,491, Sept. 4.
Antenna, Directional. J. H. Gardner. 2,555,123, May 29.
Antenna, Directional. T. M. Gluyas, Jr. 2,540,518, Feb. 6.
Antenna, Directive. A. M. Casabona. 2,557,941, June 26.
Antenna, Directive dielectric guide. C. C. Cutler. 2,548,655, Apr. 10.
Antenna, Dual purpose. J. I. Bohnert and A. S. Dunbar. 2,570,197, Oct. 9.
Antenna, Folded dipole. E. C. Hamel, G. A. Brown, and R. F. Pond. 2,569,810, Oct. 2.
Antenna for broad frequency band operation. E. O. Willoughby. 2,559,693, July 10.
Antenna for microwaves, Directive. W. H. Watson and E. W. Guptill. 2,573,746, Nov. 6.
Antenna, High-frequency. M. D. Ercolino. Re. 23,346 Mar. 20.
Antenna, Indoor television. E. G. Hills. 2,563,243, Aug. 7.
Antenna, Louver. P. S. Carter. 2,573,401, Oct. 30.
Antenna, Low-clearance. P. J. Selgin. 2,541,107, Feb. 13.
Antenna, Man-pack. R. J. Lense. 2,576,128, Nov. 27.
Antenna, Metallic lens. W. E. Kock. 2,576,463, Nov. 27.
Antenna, Microwave broadcast. W. C. Tinus. 2,549,143, Apr. 17.
Antenna, Microwave directive. P. H. Smith. 2,542,844, Feb. 20.
Antenna, Microwave radar. A. P. King. 2,575,058, Nov. 13.
Antenna mounting. M. R. Friedberg. 2,580,350, Dec. 25.
Antenna, Multifrequency tunable. E. G. Hills. 2,558,487, June 26.
Antenna output indicator. S. Tomberg. 2,539,495, Jan. 30.
Antenna, Precipitation static reducing aircraft. W. C. Hall. 2,567,205, Sept. 11.
Antenna, Radiant energy. J. P. Shanklin. 2,578,154, Dec. 11.
Antenna, Radio. F. L. Parsons. 2,537,481, Jan. 9.
Antenna, Radio. S. B. Pickles. 2,577,804, Dec. 11.
Antenna reflector. S. J. Mason. 2,556,969, June 12.
Antenna, Retractable. W. E. Schumann, Jr. 2,538,885, Jan. 23.
Antenna, Retractable whip. W. F. Squibb and R. T. Brackett. 2,553,611, May 22.
Antenna, Rotatable directive. B. A. Carlisle. 2,556,026, June 5.
Antenna, Scalloped limacon pattern. G. B. Litchford. 2,567,220, Sept. 11.
Antenna, Scalloped plural dipole. H. J. Riblet and M. E. Van Valkenburg. 2,567,858, Sept. 11.
Antenna scanner. W. R. Childs, F. A. Schnell, and R. J. Newman. 2,574,376, Nov. 6.
Antenna setting device. H. Weingarden. 2,565,334, Aug. 21.
Antenna, Short-wave. H. J. Rowland. 2,538,915, Jan. 23.
Antenna, Short wave. R. J. Wohl. 2,575,377, Nov. 20.
Antenna, Slotted prismatic. J. E. Pauch. 2,568,560, Sept. 18.
Antenna, Stabilized aircraft. R. Ward. 2,574,853, Nov. 13.
Antenna structure. H. Balton. 2,572,430, Oct. 23.
Antenna structure. G. N. Carmichael. 2,576,748, Nov. 27.
Antenna structure, High-frequency. P. C. Gardiner and C. W. Frick. 2,547,637, Apr. 3.
Antenna structure, Submarine. O. E. Dunlap, Jr. 2,560,218, July 10.
Antenna system. L. A. De Rosa, F. J. Lundburg, and H. N. Capen. 2,557,951, June 26.
Antenna system. L. R. Dobler and L. J. Money. 2,551,586, May 8.
Antenna system. V. D. Landon. 2,573,914, Nov. 6.
Antenna system. J. A. Nelson and A. Dorne. 2,555,857, June 5.
Antenna system. A. C. Schroeder. 2,551,171. May 1.
Antenna system. H. C. A. van Duuren. 2,549,867, Apr. 24.
Antenna system, Directional. J. J. Root. 2,552,816, May 15.
Antenna system, Directional. O. T. Simpson. 2,556,046, June 5.
Antenna system, Directive. H. Iams. 2,556,087, June 5.
Antenna system, Directive. C. M. Simpson. 2,576,150, Nov. 27.
Antenna system, Duplex directive. B. P. Brown, Jr. 2,552,146, May 8.
Antenna system for radio locators, Parabolic. P. S. Carter. 2,539,657, Jan. 30.
Antenna system for television, Multiple. M. Bettan. 2,571,660, Oct. 16.
Antenna system, Metallic lens directive. W. E. Kock. 2,562,277, July 31.
Antenna system of variable directivity and high resolution. H. A. Straus, I. A. Getting, and L. J. Chu. 2,549,721, Apr. 17.
Antenna system, Scanning. W. W. Hansen. 2,571,129, Oct. 16.
Antenna system, scanning. W. C. Wilkinson, Jr. 2,576,182, Nov. 27.
Antenna system, Vehicular. W. W. Schweiss and R. I. Gratzner. 2,575,471, Nov. 20.
Antenna systems, Ultra high frequency. E. D. McArthur. 2,566,900, Sept. 4.
Antenna, Television. R. G. Bock. 2,553,295, May 15.
Antenna, Television. M. D. Ercolino. 2,559,148–9, July 3.
Antenna, Television. S. Galper. 2,551,664, May 8.
Antenna, Television. S. Priser. 2,567,577, Sept. 11.
Antenna, Tilted slot. H. J. Riblet. 2,562,332, July 31.
Antenna, Ultra high frequency. R. S. Wehner. 2,539,680, Jan. 30.
Antenna, Wide-band. J. T. Bolljahn. 2,568,710, Sept. 25.
Antenna, Wide band. N. E. Lindenblad. 2,570,824, Oct. 9.
Antenna, Wide frequency band. E. O. Willoughby. 2,543,085, Feb. 27.
Antenna with dielectric casing. C. A. Wiley. 2,567,260, Sept. 11.
Anthelmintic feed composition. A. H. Craige, Jr. 2,544,826, Mar. 13.
Anthraquinone-azomethine dyestuffs. P. Grossmann and W. Kern. 2,538,152, Jan. 16.
Anthraquinone carbonyl hydrazines. F. B. Stilmar. 2,567,132, Sept. 4.
Anthraquinone dyestuffs for acetate rayon. D. I. Randall and E. E. Renfrew. 2,560,887, July 17.
Anthraquinone dyestuffs, Production of. V. S. Salvin and J. R. Adams, Jr. 2,573,733, Nov. 6.
Anthraquinone vat dyestuffs. H. E. Schroeder and L. A. Ringrose. 2,559,676, July 10.
Anthraquinone vat dyestuffs. P. Sutter and W. Kern. 2,580,201, Dec. 25.
Antibacklash mechanism. H. F. Oliver. 2,563,953, Aug. 14.
Antibacterial composition. W. O. Elson. 2,571,849, Oct. 16.
Antibiotic compositions. A. Barol. 2,550,398, Apr. 24.
Antibiotic salts of mono (higher-aliphatic) sulfates, and purification of the antibiotics thereby, Preparation of. W. A. Lott, J. Bernstein, and L. J. Heuser. 2,537,933, Jan. 9.
Antibiotic salts of mono (higher-aliphatic) sulfates, preparation of these salts, and purification of the antibiotics thereby. W. A. Lott, J. Bernstein, and L. J. Heuser. 2,537,934, Jan. 9.
Antibody-rich globulin fractions, Preparing. J. W. Williams and H. F. Deutsch. 2,543,215, Feb. 27.
Anticipating control. M. May. 2,573,041, Oct. 30.
Anticircumcision ring. E. Twachtman. 2,538,136, Jan. 16.
Anticoccidiotic composition. J. A. Whiting. 2,547,144, Apr. 3.
Anticorrosion composition. T. E. Reamer. 2,562,845, July 31.
Anticorrosion compositions. M. Fainman. 2,580,288, Dec. 25.
Anticorrosion tank. C. M. Osterheld. 2,566,138, Aug. 28.
Anticorrosive treatment of chlorinated elastomer. E. M. Behrend. 2,537,646, Jan. 9.
Anticreeping device for railway rails. R. T. Scholes. 2,546,046, Mar. 20.
Antidazzling device, more particularly for headlights. P. Mayu. 2,536,301, Jan. 2.
Antidetonant injection system. W. D. Cannon. 2,560,213, July 10.
Antidetonating device. G. R. Ericson. 2,575,210, Nov. 13.
Antidiabetic. R. G. Roberts. 2,563,070, Aug. 7.
Antidistortion device for receiving and retransmitting impulses. J. C. M. R. Dauvin and H. L. Lesigne. 2,563,311, Aug. 7.

Antidrip device for bottom cementing machines. J. W. Pratt. 2,538,039, Jan. 16.
Antifouling composition. A. L. Alexander and P. King. 2,571,094, Oct. 16.
Antifreeze indicator. P. F. Byrum. 2,540,425, Feb. 6.
Antifriction bearing. L. D. Cobb. 2,550,911, May 1.
Antifriction bearing. K. P. Goodwin and L. D. Cobb. 2,550,912, May 1.
Antifriction bearing assembly sealing means. R. M. Heintz and W. T. Buhl. 2,566,448, Sept. 4.
Antifriction bearing-retaining strip. D. H. Lapointe. 2,566,421, Sept. 4.
Antiglare or dimming device for motor vehicle headlamps. D. U. Robinson. 2,541,834, Feb. 13.
Anti-icing means for aircraft propeller blades. E. P. Palmatier and W. E. Bates. 2,541,661, Feb. 13.
Anti-icing of variable pitch propeller blades. J. Stuart, III and W. D. Berkley. 2,553,218, May 15.
Anti-insect shelter, Portable. T. C. Fierle. 2,572,461, Oct. 23.
Antinoise carrier receiving system. W. H. Wirkler. 2,580,148, Dec. 25.
Antioxidant. L. A. Hall. Re. 23,329, Jan. 16.
Antioxidants for oils and oil compositions containing the same. D. R. Stevens and A. C. Dubbs. 2,570,402, Oct. 9.
Antipercolating device. A. G. Winter. 2,564,142, Aug. 14.
Antipickable lock. L. O'Kane. 2,552,012, May 8.
Antirattling device for gear-shifting control mechanisms. F. M. Fike. 2,552,005, May 8.
Antirattling device for shades. F. D. Spencer. 2,564,770, Aug. 21.
Antirust agent. H. S. Trigg, H. D. Norris, and R. V. White. 2,540,800, Feb. 6.
Antiseptic animal appliance. F. Springborn and J. E. Sinos. 2,574,130, Nov. 6.
Antiseptic dental plate adhesive. C. J. Heath, C. A. Lawrence, and H. R. Kolar. 2,574,476, Nov. 13.
Antiseptic, Vasoconstrictor. V. P. Seeberg. 2,536,315, Jan. 2.
Antiseptic wound dressings. E. A. Brown, M. H. Gorin, and H. A. Abramson. 2,542,897, Feb. 20.
Antisiphoning spray tube. C. A. Tea and P. F. Aschman. 2,566,469, Sept. 4.
Antiskid chain attaching means. P. C. Traver, Sr. 2,579,057, Dec. 18.
Antiskid device. C. W. Dart. 2,570,922, Oct. 9.
Antiskid device. H. J. Eisenhauer, Sr. 2,575,263, Nov. 13.
Antiskid device. A. K. Stevens. 2,560,198, July 10.
Antiskid device. W. K. Young. 2,538,182, Jan. 16.
Antiskid device, Automotive. L. S. Haracz. 2,559,425, July 3.
Antiskid device for motor vehicle tires. I. Andrews. 2,540,230, Feb. 6.
Antiskid device for motor vehicles. F. Hanel. 2,545,578, Mar. 20.
Antiskid device for pneumatic tires. C. R. Kennedy. 2,570,689, Oct. 9.
Antiskid device for tires. I. H. Kendall. 2,537,835, Jan. 9.
Antiskid device for vehicle tires. G. W. Horner and W. R. Robertson, Sr. 2,547,007, Apr. 3.
Antiskid tire chain. M. L. Bettcher. 2,537,392, Jan. 9.
Antiskid tire chain. W. B. McLean. 2,572,045, Oct. 23.
Antislip pad. L. Bernstein. 2,561,777, July 24.
Antislipping desk pad. A. L. Eshelman. 2,573,323, Oct. 30.
Antislipping device. A. A. Carabatsos. 2,547,812, Apr. 3.
Antisnoring device. M. Clyde. 2,574,623, Nov. 13.
Antispill device for liquid containers. W. S. Dale. 2,571,843, Oct. 16.
Antisplitting device. R. E. Beegle. 2,558,231, June 26.
Antistatic treatment of shaped articles comprising a vinyl resin and treated articles. I. Wizon. 2,543,539, Feb. 27.
Antisurge mechanism for fluid spray apparatus. R. M. Stephenson, W. F. Dozier, and R. K. McCoy. 2,578,102, Dec. 11.
Antitampering electric meter. C. L. Jauss. 2,546,693, Mar. 27.
Antitelescoping safety device for semi-trailers. W. R. Young and J. M. Bickel. 2,550,632, Apr. 24.
Antithumb-sucking device. R. F. Fitch. 2,536,633, Jan. 2.
Antitilt and stop means for sliding shelves. E. D. Drake. 2,550,980, May 1.
Antitipping and bumper structure for baby carriages. L. Gottfried. 2,548,601, Apr. 10.
Antivibration device for journal box pins. D. M. Light. 2,538,372, Jan. 16.
Antivibration supporting arrangement for optical instruments of the telescope type. J. W. French, J. M. Strang, and C. D. Macgill. 2,565,807, Aug. 28.
Antiwear device for the mooring cables of submarine mines. R. H. Park. 2,578,735, Dec. 18.
Anvil and shield, Combination. J. W. Straight. 2,577,382, Dec. 4.
Anvil for sound recording and reproducing machines. J. M. Kuhlik. 2,550,826, May 1.
Anvil, Micrometer. H. W. Brink. 2,557,073, June 19.
Aperture four-member photographic objective, Large. F. Kupka. 2,543,856, Mar. 6.
Apparatus and method for canning fish. J. Gorby. 2,542,133, Feb. 20.
Apparatus and method for centrifugally molding tubular concrete elements. J. T. Parrett. 2,550,858, May 1.
Apparatus and method for clay baking. P. E. Kopp. 2,576,519, Nov. 27.
Apparatus and method for electrically splicing film. B. Eisenberg. 2,577,570, Dec. 4.
Apparatus and method for handling capsules. R. E. Moule. 2,545,299, Mar. 13.
Apparatus and method for making connector bolts. J. Pavelka. 2,573,218, Oct. 30.
Apparatus and method for making separable fasteners. N. A. Wahl. 2,541,728–9, Feb. 13.
Apparatus and method for molding concrete vaults and the like. P. Di Stefano. 2,537,447, Jan. 9.
Apparatus and method for molding ring-like and other shaped open members. L. R. Ord. 2,541,379, Feb. 13.
Apparatus and method for plating strips. F. A. Prahl. 2,544,510, Mar. 6.
Apparatus and method for preserving products in sealed containers. W. M. Martin. 2,549,216, Apr. 17.
Apparatus and method for producing gusseted plastic tubing. C. G. Reber and S. Dalzell, III. 2,544,044, Mar. 6.
Apparatus and method for the preparation of pimento. G. W. Ashlock, Jr. 2,578,496, Dec. 11.
Apparatus and method for the tenderization of meat. H. C. Rentschler. 2,544,724, Mar. 13.
Apparatus and method for use in color reproduction. N. R. Gunderson. 2,560,567, July 17.
Apparatus and method for vaporizing carbon dioxide. H. V. Williamson and J. C. Hesson. 2,539,291, Jan. 23.
Apparatus and method of making friction lining. D. W. Fether. 2,548,009, Apr. 10.
Apparatus and method to comminute solid particles in gas. H. G. Tanner. 2,552,603, May 15.
Apparatus and procedure for filling electrical capacitors and the like. F. Weiss. 2,573,123, Oct. 30.
Apparatus and process for continuous sulfonation of aromatic compounds. A. D. Green and E. W. Carrier. 2,540,519, Feb. 6.
Apparatus and process for distillation of HCN. A. G. Houpt and L. J. Christmann. 2,543,971, Mar. 6.
Apparatus and process for forming piston rings. J. C. Linn. 2,566,028, Aug. 28.
Apparatus and process for launching revetments. A. B. Pickett. 2,570,271, Oct. 9.
Apparatus and process for mixing solids in liquids. V. V. Hartman, L. V. Sybrandt, and S. L. Force. 2,554,492, May 29.
Apparatus employing thyratron tube control. B. A. Knauth and P. H. Chin. 2,537,677, Jan. 9.
Apparatus for actuating an electromagnetic type camera shutter synchronizer. P. A. Marsal. 2,553,662, May 22.
Apparatus for aerating liquids. H. T. Jeffery. 2,540,948, Feb. 6.
Apparatus for aiding high altitude ignition in jet power plants. J. W. Cross and N. E. Whitchurch. 2,557,909, June 19.
Apparatus for aligning balloons or the like. D. P. Reynolds. 2,576,891, Nov. 27.
Apparatus for analysis by mass spectrometry. C. T. Shewell. 2,566,037, Aug. 28.
Apparatus for anatomical use of gas. S. S. Garrett. 2,539,189, Jan. 23.
Apparatus for and method of determining permeability of earth formations penetrated by well bores. C. L. White. 2,557,488, June 19.
Apparatus for and method of drying. R. A. and E. L. Benoit. 2,571,815, Oct. 16.
Apparatus for and method of fabricating sheets of plastic compositions. S. Nixon. 2,545,300, Mar. 13.
Apparatus for and method of forming glass sheets. U. E. Bowes. 2,539,398, Jan. 30.
Apparatus for and method of testing pasteurization time. R. N. Perkins. 2,536,082, Jan. 2.
Apparatus for and method of treating film. R. F. Pierce. 2,551,966, May 8.
Apparatus for and process of forming single-faced corrugated board. W. C. George. 2,572,716, Oct. 23.
Apparatus for annealing magnetic iron. H. A. Field. 2,556,962, June 12.
Apparatus for anodically treating internal surfaces. K. M. Bartlett. 2,577,644, Dec. 4.
Apparatus for applying a primer coating to the stems of flash lamps. G. D. P. Brent. 2,578,627, Dec. 11.
Apparatus for applying adhesive tape to cards. L. N. Storey and H. C. Tyler. 2,541,444, Feb. 13.
Apparatus for applying adhesive to a mass of wood chips. F. Fahrni. 2,542,804, Feb. 20.
Apparatus for applying adhesive to box blanks and the like. C. E. Palmer. 2,549,000, Apr. 17.
Apparatus for applying covers to balls. F. T. Roberts. 2,560,370, July 10.
Apparatus for applying dust covers or jackets to books. J. A. E. Burls. 2,570,916, Oct. 9.
Apparatus for applying emission material to cathodes. W. P. Zabel. 2,545,909, Mar. 20.
Apparatus for applying fertilizer to lawns. N. M. Rieger. 2,563,961, Aug. 14.
Apparatus for applying heat to a series of articles. S. J. Moore and C. T. Wedgwood. 2,561,629, July 24.
Apparatus for applying linear designs to work surfaces. A. Beckelman. 2,547,554, Apr. 3.

Apparatus for applying lubricant to the surface of an endless conveyer. L. W. Peck. 2,548,739, Apr. 10.
Apparatus for applying pellets to the surface of an article. A. E. Keeley and R. W. Wilson. 2,539,084, Jan. 23.
Apparatus for applying powder to an electrophotographic plate. E. R. Sabel and F. I. Galbrecht. 2,550,724, May. 1.
Apparatus for applying powder to electrophotographic plates. L. E. Walkup. 2,550,738, May 1.
Apparatus for applying predetermined loads to objects for testing hardness. C. B. James. 2,536,880, Jan. 2.
Apparatus for applying sizing and other coatings. R. A. Rusca. 2,564,725, Aug. 21.
Apparatus for applying viscous coating compositions to wire. H. W. Sturgis and E. H. Olson. 2,558,993, July 3.
Apparatus for applying viscous material in the forming of cables. A. L. Loucks and L. W. Lovett. 2,539,147, Jan. 23.
Apparatus for arranging and delivering bolts or the like. C. D. Overly. 2,546,866, Mar. 27.
Apparatus for arranging looped articles. H. G. Hager. 2,563,465, Aug. 7.
Apparatus for assembling and sealing glass and metal parts. R. A. Vinson. 2,551,402, May 1.
Apparatus for assembling attachment plugs. N. Chirelstein. 2,548,773, Apr. 10.
Apparatus for assembling bicycle frames. H. L. Kraeft, L. J. Walters, and R. F. Skerl. 2,542,538, Feb. 20.
Apparatus for assembling rubber bearings. P. C. Hutton. 2,550,564, Apr. 24.
Apparatus for atomizing liquid material. R. T. Savage. 2,553,608, May 22.
Apparatus for attaching and detaching machine parts. E. E. Skilling. 2,547,345, Apr. 3.
Apparatus for automatic localized annealing. H. A. Holberson. 2,569,634, Oct. 2.
Apparatus for automatic production of music. J. M. Hanert. 2,541,051, Feb. 13.
Apparatus for automatic regulation of electrolytic cells. R. J. Perret-Bit. 2,545,413, Mar. 13.
Apparatus for automatically playing gramaphone records. C. Metcalfe and A. J. Rae. 2,571,466, Oct. 16.
Apparatus for baking bread and similar food products. W. E. Owen. 2,575,291, Nov. 13.
Apparatus for bending and tempering sheets of glass. G. W. T. Bird and J. Dennett. 2,536,905, Jan. 2.
Apparatus for bending tubes. R. Brown. 2,571,416, Oct. 16.
Apparatus for blowing or pumping oil wells. J. B. Hawley, Jr. 2,570,553, Oct. 9.
Apparatus for bonding brake linings to brake shoes. C. S. Batchelor and E. L. Carey. 2,559,748, July 10.
Apparatus for bonding heads into barrels. H. E. Thyen. 2,560,906, July 17.
Apparatus for brazing. F. W. Schwinn. 2,579,097, Dec. 18.
Apparatus for brazing fins to tubes. J. W. Brown, Jr. 2,572,593, Oct. 23.
Apparatus for breaking scored glass sheets. J. R. Morris. 2,559,366, July 3.
Apparatus for bringing films into register at exposure station when printing. A. J. Miller. 2,556,930, June 12.
Apparatus for brining fish. M. P. Vucassovich. 2,542,382, Feb. 20.
Apparatus for brushing a strip. C. J. Klein. 2,537,675, Jan. 9.
Apparatus for building concrete walls. J. L. Ahart. 2,562,403, July 31.
Apparatus for burning waste material. T. R. Komline. 2,537,467, Jan. 9.
Apparatus for calibrating piezoelectric crystal units. C. H. Grogan. 2,574,475, Nov. 13.
Apparatus for calking fins. W. B. Bronander. 2,561,174, July 17.
Apparatus for canceling stray field effects in magnetic recorders. L. M. Kay. 2,536,132, Jan. 2.
Apparatus for carbonating beverages. P. Kollsman. 2,556,038, June 5.
Apparatus for carrying out an exothermic reaction at substantially constant temperature. L. Massiot. 2,537,472, Jan. 9.
Apparatus for casting connecting straps on battery terminal lugs. C. D. Galloway. 2,542,503, Feb. 20.
Apparatus for casting dental restorations. I. Hordes. 2,543,110, Feb. 27.
Apparatus for casting dental restorations. I. Hordes. 2,576,224, Nov. 27.
Apparatus for casting heads on pins. L. H. Morin and O. Gries. 2,579,951, Dec. 25.
Apparatus for casting metal. J. J. Gorlinski. 2,540,199, Feb. 6.
Apparatus for casting metal rods. J. W. Juppenlatz. 2,539,625, Jan. 30.
Apparatus for casting metal strips. J. B. Brennan. 2,540,242, Feb. 6.
Apparatus for casting metals. M. J. R. Morris. 2,567,525, Sept. 11.
Apparatus for casting tubular elements. D. R. Rankin and J. B. Wade. 2,555,998, June 5.
Apparatus for catalytic cracking of hydrocarbons. H. C. Kuhn. 2,554,413, May 22.
Apparatus for centrifugal pulverizing and separating. J. H. Macartney. 2,562,560, July 31.
Apparatus for centrifugally separating suspended particles from gases. L. C. Whiton, J. E. Watson, C. B. McBride and F. Remington. 2,546,246, Mar. 27.
Apparatus for changing the mechanical advantage of a system. J. R. Stovall, Jr. 2,575,032, Nov. 13.
Apparatus for charging and discharging concrete materials. L. G. Hilkemeier. 2,544,085, Mar. 6.
Apparatus for charging and discharging concrete materials. L. G. Hilkemeier and R. M. Hawkins. 2,544,084, Mar. 6.
Apparatus for charging and discharging concrete mixers. R. M. Hawkins. 2,544,083, Mar. 6.
Apparatus for checking bowling balls on return tracks. J. A. Barry. 2,545,252, Mar. 13.
Apparatus for clamping a copy board on the base plate of a photographic enlarging apparatus. E. Schreiber. 2,560,190, July 10.
Apparatus for cleaning and flushing radiators and the like. J. La Cross. 2,553,195, May 15.
Apparatus for cleaning animal intestines. T. R. Selby. 2,560,603, July 17.
Apparatus for cleaning automobiles with the aid of water and soft pellets. K. R. Dye. 2,536,843, Jan. 2.
Apparatus for cleaning beer lines. F. J. Warcup. 2,563,385, Aug. 7.
Apparatus for cleaning carcasses. A. Kurt. 2,562,556, July 31.
Apparatus for cleaning cotton. J. A. Streun. 2,536,781, Jan. 2.
Apparatus for cleaning gases. J. E. Burton. 2,547,902, Apr. 3.
Apparatus for cleaning hose filters. S. W. Wallin. 2,576,656, Nov. 27.
Apparatus for cleaning perforations. H. C. Brown. 2,574,141, Nov. 6.
Apparatus for cleaning pipes. W. A. Frank. 2,579,813, Dec. 25.
Apparatus for cleaning tanks. W. H. Bell. 2,568,314, Sept. 18.
Apparatus for cleansing drinking vessels and the like. G. A. Stanley. 2,574,069, Nov. 6.
Apparatus for closing and sealing containers. R. B. Cartwright and W. M. Owen. 2,551,527, May 1.
Apparatus for coating candy bars. S. C. Petrilli. 2,551,849, May 8.
Apparatus for coating flat disks. R. L. Dyar. 2,573,835, Nov. 6.
Apparatus for coating frozen confections and the like. A. Friedman. 2,536,635, Jan. 2.
Apparatus for coating indirectly heated cathodes. A. W. W. Gait and C. W. Tapping. 2,578,418, Dec. 11.
Apparatus for coating sheet material with particulate material. P. A. Marsell and C. H. Teller. 2,569,484, Oct. 2.
Apparatus for coating thin stiff sheets. C. J. Cross and S. W. Lynch. 2,541,502, Feb. 13.
Apparatus for coating tube interiors. F. A. Bowen. 2,551,722, May 8.
Apparatus for coating webs. C. A. Dickhaut and B. R. Newcomb. 2,545,266, Mar. 13.
Apparatus for coiling and cutting a continuously moving web. F. J. Keller. 2,539,745, Jan. 30.
Apparatus for coiling filaments. E. D. Hanson. 2,561,736, July 24.
Apparatus for coiling strip material. H. H. Talbot. 2,556,149, June 5.
Apparatus for collecting ash and dust. W. G. Davenport and J. H. Hampton. 2,553,175, May 15.
Apparatus for collecting cigarettes from cigarette-making machines. D. W. Molins. 2,572,650, Oct. 23.
Apparatus for collecting soil gas samples. R. M. Squires. 2,545,900, Mar. 20.
Apparatus for color reproduction. C. W. Jacob. 2,573,143, Oct. 30.
Apparatus for combining and emplacing cementitious substances. W. E. Anderson. 2,543,517, Feb. 27.
Apparatus for comminuting materials. R. H. Carson. 2,577,403, Dec. 4.
Apparatus for comparing alternating currents. H. S. Petch. 2,566,140, Aug. 28.
Apparatus for comparing angles. C. H. Booth. 2,542,470, Feb. 20.
Apparatus for compensating for frequency changes. W. R. Ahrendt and H. B. Rex. 2,544,643, Mar. 13.
Apparatus for compressing or expanding the frequency bands of electric oscillations. D. A. Bell. 2,545,871, Mar. 20.
Apparatus for compressing thermoplastic masses. R. Colombo. 2,564,880, Aug. 21.
Apparatus for concentrating liquids. G. G. Zahm. 2,546,380–1, Mar. 27.
Apparatus for conditioning, cleaning, and circulating cooling liquids. H. W. Hapman. 2,559,614, July 10.
Apparatus for conditioning load compensating brakes. A. J. Bent. 2,553,805, May 22.
Apparatus for conditioning soles. W. D. Thomas. 2,564,039, Aug. 14.
Apparatus for conducting high-temperature reactions. L. W. T. Cummings. 2,548,519, Apr. 10.
Apparatus for conducting metallurgical process. E. R. Gilliland. 2,557,651, June 19.
Apparatus for connecting coil springs. J. Spühl. 2,575,774, Nov. 20.

Apparatus for contacting fluent solids with gases. R. H. Newton. 2,538,030, Jan. 16.
Apparatus for contacting gases and liquids to effect concentration, fractionation, and the like. W. J. Bloomer and B. R. Wright. 2,560,077, July 10.
Apparatus for continuously making retractile cordage. T. K. Cox. 2,547,357, Apr. 3.
Apparatus for continuously producing combustible gas. W. F. Faber. 2,563,460, Aug. 7.
Apparatus for continuously producing French fried foods. S. K. Foster. 2,538,937, Jan. 23.
Apparatus for control of the speed of direct-current motors. G. G. Mozzanini and V. P. Lebertre. 2,539,791, Jan. 30.
Apparatus for controlling corrosion in fire extinguishers. C. K. Huthsing, Jr. 2,563,171, Aug. 7.
Apparatus for controlling electrical power. R. W. Brown. 2,567,692, Sept. 11.
Apparatus for controlling engine intake pressure with variable-speed blower and engine throttle. J. Dolza, A. W. Gaubatz, P. W. Perish, D. P. Croisant, and F. W. Kerfoot. 2,565,482, Aug. 28.
Apparatus for controlling fluid pressures. J. A. Scruggs. 2,563,192, Aug. 7.
Apparatus for controlling fluid producing formations. J. O. Lewis. 2,537,066, Jan. 9.
Apparatus for controlling freeness of paper-making stock. C. N. Nilson. 2,577,712, Dec. 4.
Apparatus for controlling highway crossing signals. M. R. Douglass. 2,547,626, Apr. 3.
Apparatus for controlling one hydraulic pressure in accordance with another. R. C. McLeod. 2,577,027, Dec. 4.
Apparatus for controlling rectified voltage. F. H. Shepard, Jr. 2,569,698, Oct. 2.
Apparatus for controlling tension in warp yarns. T. J. Willis and W. A. Smith. 2,571,509, Oct. 16.
Apparatus for controlling the hardness of water. F. C. Wilhelm. 2,541,732, Feb. 13.
Apparatus for controlling the intake manifold pressure of internal-combustion engines. L. Lee, II. 2,558,968, July 3.
Apparatus for controlling the position of a shock wave. A. G. Smith. 2,551,470, May 1.
Apparatus for controlling the thickness of a coating on a traveling web. L. B. Mulloy and R. H. Thompson. 2,558,773, July 3.
Apparatus for controlling the timing of periodically actuated switches. A. Goldstein and H. Blatter. 2,557,740, June 19.
Apparatus for controlling the timing of periodically actuated switches of mechanical current converters. A. Goldstein and H. Blatter. 2,557,739, June 19.
Apparatus for controlling yarn tension. J. K. Cochran. 2,552,150, May 8.
Apparatus for converting reciprocating motion to rotary motion. E. Mercier and M. Ehlinger. 2,571,153, Oct. 16.
Apparatus for conversion of hydrocarbons. J. McAfee. 2,540,373, Feb. 6.
Apparatus for conversion of hydrocarbons. A. B. Welty, Jr. 2,550,741, May 1.
Apparatus for conveying fluid under pressure to an interiorly located cavity. G. Levene. 2,564,809, Aug. 21.
Apparatus for cooking foods. C. E. Cripps. 2,568,792, Sept. 25.
Apparatus for cooling and drying stereotype plates and for effecting the controlled application of cooling and drying fluids thereto in synchronism with the conveying thereof. O. C. Roesen, C. L. Ricards, and P. L. Tollison. 2,572,666, Oct. 23.
Apparatus for cooling granular solids. E. C. Greisen. 2,543,776, Mar. 6.
Apparatus for cooling mill rolls. T. A. Zsamboky. 2,550,899, May 1.
Apparatus for cooling products in containers. A. A. G. Magis. 2,564,165, Aug. 14.
Apparatus for copying by means of machine tools. R. Glaser. 2,542,507, Feb. 20.
Apparatus for counting and marking sheets cut from webs. J. E. Battersby. 2,570,306, Oct. 9.
Apparatus for counting bacterial colonies. F. W. Kavanagh. 2,548,478, Apr. 10.
Apparatus for coupling and uncoupling propellers. O. W. Ehlers. 2,571,848, Oct. 16.
Apparatus for coupling ultra high frequency systems. M. D. Fiske. 2,557,180, June 19.
Apparatus for covering a metallic core with a cast layer of another metal. J. L. Reynolds. 2,543,936, Mar. 6.
Apparatus for crimping condenser cans having leads. N. H. Swanson. 2,559,904, July 10.
Apparatus for crystallizing. A. Rey and A. Oriol. 2,551,162. May 1.
Apparatus for curing building blocks. E. Luzzatti and A. L. Nugey. 2,563,408, Aug. 7.
Apparatus for curing building blocks. A. L. Nugey. 2,575,462, Nov. 20.
Apparatus for cutting and mixing sand. A. I. Bredeson. 2,562,766, July 31.
Apparatus for cutting and stacking strip material. E. A. Davis. 2,538,191, Jan. 16.
Apparatus for cutting beet seed glomerules to prepare monogerminal seeds. M. Tourneur and J. Renault. 2,537,717, Jan. 9.
Apparatus for cutting bodies to a polygonal contour. C. S. Olson. 2,559,258, July 3.
Apparatus for cutting brush strips. C. G. Rowland. 2,554,123, May 22.
Apparatus for cutting material. F. S. Sternad and A. G. Seifried. 2,544,241, Mar. 6.
Apparatus for cutting plate glass. J. H. Fancher. 2,538,901, Jan. 23.
Apparatus for cutting, punching, or pressing moving continuous length material. E. Penkala. 2,562,475, July 31.
Apparatus for cutting sheet material. U. C. Haren. 2,552,674, May 15.
Apparatus for cutting strip material. J. W. Huff. 2,575,450, Nov. 20.
Apparatus for cutting tubing. R. I. Hahn and B. E. Frank. 2,553,189, May 15.
Apparatus for deaerating liquids. J. Gorgerat and R. Détrez. 2,540,390, Feb. 6.
Apparatus for de-airing and delivering plaster. J. A. Bower. 2,548,340, Apr. 10.
Apparatus for decelerating torpedoes. W. R. Smythe. 2,539,643, Jan. 30.
Apparatus for decorating ceramic ware and the like. H. V. Schweitzer. 2,558,274, June 26.
Apparatus for decorating dinnerware and the like. A. J. Wahl. 2,540,920, Feb. 6.
Apparatus for decorating potteryware. W. J. Miller. 2,543,186, Feb. 27.
Apparatus for decorticating and decelling beet seeds with recirculation of oversize seeds. F. H. Mangelsdorf. 2,545,367, Mar. 13.
Apparatus for deep fat cooking. H. T. Hunter. 2,570,127, Oct. 2.
Apparatus for deflecting a fuel jet towards a region of turbulence in a propulsive gaseous stream. R. F. Darling. 2,546,432, Mar. 27.
Apparatus for dehydrating air. H. J. Kaufman. 2,579,830, Dec. 25.
Apparatus for dehydrating peat having a high water content. F. Gebauer. 2,573,134, Oct. 30.
Apparatus for delivering a fluid into a furnace. J. J. Wyandt and J. K. McKelvey. 2,546,937, Mar. 27.
Apparatus for delivering and receiving telephone messages. D. C. Beatty. 2,539,565, Jan. 30.
Apparatus for delivering cans in reoriented position. G W. Baker, W. E. Conley, Jr., and A. M. Olson. 2,538,408, Jan. 16.
Apparatus for delivering newly molded glassware. F. A. Dahms. 2,556,469, June 12.
Apparatus for delivering weighed quantities of dough. J. T. Wood. 2,538,346, Jan. 16.
Apparatus for demagnetizing a magnetic recording-reproducing head. S. J. Begun. 2,538,893, Jan. 23.
Apparatus for deodorizing the atmosphere. H. Ward. 2,545,755. Mar. 20.
Apparatus for depositing strips of adhesive upon a base material. T. O. Bretherton. 2,573,952, Nov. 6.
Apparatus for detecting and marking pin holes. G. H. Rendel. 2,576,043, Nov. 20.
Apparatus for detecting explosive gases. R. Poole. 2,546,273, Mar. 27.
Apparatus for detecting explosive gases. R. Poole. 2,557,008, June 12.
Apparatus for detecting flaws. W. C. Barnes and H. W. Keevil. 2,571,999, Oct. 23.
Apparatus for detecting metal objects on a moving belt. P. J. Nelson. 2,547,407, Apr. 3.
Apparatus for detecting the caloric outputs of gaseous fuels. P. Schuller. 2,574,665, Nov. 13.
Apparatus for detection of flaws by means of microwaves. G. E. Feiker, Jr. 2,548,598, Apr. 10.
Apparatus for detection of toxic gases, especially carbon monoxide. C. W. Klug. 2,561,802, July 24.
Apparatus for determining a chemically reactive gas. E. A. McClendon. 2,554,414, May 22.
Apparatus for determining coating thickness. R. F. McCartney, G. E. Pellissier, and E. E. Wicker. 2,578,722, Dec. 18.
Apparatus for determining fluent level. R. J. Detuno. 2,541,576, Feb. 13.
Apparatus for determining listening habits of radio receiver users. H. A. Rahmel. 2,552,585, May 15.
Apparatus for determining oxygen in gases. M. G. Jacobson. 2,540,674, Feb. 6.
Apparatus for determining paraffin percentages. K. A. Fischer. 2,562,901, Aug. 7.
Apparatus for determining resonant frequencies. A. Stewart. 2,576,423, Nov. 27.
Apparatus for determining straightness of axle housings. E. L. Ross. 2,562,213, July 31.
Apparatus for determining surface quality. C. Johnson. 2,538,622, Jan. 16.
Apparatus for determining temperatures of molten metal. H. H. Locke. 2,560,232, July 10.
Apparatus for determining the angular positions of objects in wells. J. S. Goodwin and P. Campbell. 2,572,332. Oct. 23.
Apparatus for determining the average thickness of coiled strip. P. H. Washam, Jr. 2,562,075, July 24.
Apparatus for determining the behavior of suspended cables. G. Hunziker. 2,539,954, Jan. 30.

Apparatus for determining the character of fluids which are present in well bores. R. W. Goble. 2,570,111, Oct. 2.
Apparatus for determining the composition of a substance. N. C. Jamison, O. G. Koppius, T. R. Kohler, and J. G. Black. 2,547,212, Apr. 3.
Apparatus for determining the course of the refractive index of an optically nonhomogenous medium disposed in a cell, particularly an electrophoresis cell. H. Labhart. 2,568,589, Sept. 18.
Apparatus for determining the liquid level in a container. E. Hanson. 2,547,002, Apr. 3.
Apparatus for determining the number of turns in electrical coils. S. J. Lesniak. 2,540,398, Feb. 6.
Apparatus for determining the voltage of a battery. S. C. Hurley, Jr. 2,547,324, Apr. 3.
Apparatus for determining thermal stability of materials. H. R. Moore. 2,551,624, May 8.
Apparatus for determining vapor pressure. R. W. Pachaly. 2,540,377, Feb. 6.
Apparatus for dewaxing and dehydrating refrigerants. E. A. Wenk. 2,577,834, Dec. 11.
Apparatus for die rolling. A. C. Ruden. 2,574,121, Nov. 6.
Apparatus for dielectric heating. R. H. Blewitt. 2,548,093, Apr. 10.
Apparatus for digging and harvesting vegetables. S. Vella. 2,546,411, Mar. 27.
Apparatus for digging potatoes and the like. C. R. Johnston. 2,577,525, Dec. 4.
Apparatus for discharging liquid by a medium stored under pressure. D. Mapes and A. E. Schmidlin. 2,547,954, Apr. 10.
Apparatus for dispensing and inscribing tape. L. D. Walker. 2,574,674, Nov. 13.
Apparatus for dispensing fluids from a container under pressure. C. W. Roberts. 2,539,929, Jan. 30.
Apparatus for dispensing fluent material. W. F. Middlestadt. 2,578,080, Dec. 11.
Apparatus for dispensing materials. C. T. Asbury. 2,573,784, Nov. 6.
Apparatus for dispensing predetermined quantities of liquids. L. Wilson. 2,578,215, Dec. 11.
Apparatus for dispensing thermoplastic adhesive. J. Fossa. 2,544,661, Mar. 13.
Apparatus for dispensing towels. H. E. Dosberg. 2,572,121, Oct. 23.
Apparatus for dispersing material in a fluid stream. J. D. Walker. 2,577,095, Dec. 4.
Apparatus for dispersing vitamin carrying mediums in food products. A. C. Richardson and J. E. Dimick. 2,553,788, May 22.
Apparatus for displaying pictorial representations. J. W. Down and D. R. Miller 2,572,454, Oct. 23.
Apparatus for distillation of fatty acids, tall oil, and the like. R. H. Potts and R. N. Olson. 2,573,727, Nov. 6.
Apparatus for distillation of gasoline containing hydrocarbon fractions. L. P. Scoville. 2,546,349, Mar. 27.
Apparatus for distributing insecticides or pollen. R. E. Blair. 2,570,511, Oct. 9.
Apparatus for distribution of lubricants. S. O. Jakobsen. 2,556,968, June 12.
Apparatus for draining plates and similar articles. S. P. P. Cieri. 2,562,982, Aug. 7.
Apparatus for drawing psychological-physiological curves (audiometer, etc.). G. Von Békésy. 2,563,384, Aug. 7.
Apparatus for drawing thermoplastic sheets. G. W. Borkland. 2,559,705, July 10.
Apparatus for drawing wire. A. H. Rosenthal. 2,568,303, Sept. 18.
Apparatus for dressing convex surfaces on grinding wheels. J. Klopak. 2,560,454, July 10.
Apparatus for drilling and recovering side wall cores. J. A. Zublin. 2,571,644, Oct. 16.
Apparatus for dry cleaning. W. R. Dapprich. 2,574,731, Nov. 13.
Apparatus for dry-cleaning and degreasing of fibrous material. M. T. Hoffman. 2,567,938, Sept. 18.
Apparatus for drying and powdering surgeons' rubber gloves. C. J. Miller. 2,565,455, Aug. 21.
Apparatus for drying and storing shelled grain. L. B. Osterbur and G. W. Collins. 2,565,663, Aug. 28.
Apparatus for drying articles of clothing or wearing apparel. S. H. Meninger. 2,571,918, Oct. 16.
Apparatus for drying fabric. H. W. Butterworth, Jr., S. and M. Cohn, and J. G. Walter. 2,570,318, Oct. 9.
Apparatus for drying filaments. H. A. Kuljian. 2,574,833, Nov. 13.
Apparatus for drying hygroscopic liquids. C. S. Bauman, Jr. 2,556,250, June 12.
Apparatus for drying or calcining materials. D. De Rycke. 2,538,833, Jan. 23.
Apparatus for drying photographic strip film. S. and B. Rose. 2,567,730, Sept. 11.
Apparatus for drying sheet material. W. F. Roden. 2,574,844, Nov. 13.
Apparatus for drying warp and the like. P. R. Rose. 2,541,383, Feb. 13
Apparatus for drying wood. H. P. Wood. 2,543,618, Feb. 27.
Apparatus for dusting strip material. E. D. George. 2,579,425, Dec. 18.
Apparatus for dyeing and after treating fibers. S. H. Williams. 2,552,078, May 8.
Apparatus for dyeing or otherwise treating fibrous materials. J. M. Rugh. 2,548,740, Apr. 10.
Apparatus for dynamically balancing tires, wheel assemblies, and the like. R. E. Burke, M. Periat, and W. Schlichtmann. 2,559,707, July 10.
Apparatus for effecting catalytic reactions. E. E. Sensel and R. A. Beck. 2,562,993, Aug. 7.
Apparatus for effecting contact between a gas and a downwardly flowing contiguous mass of pebbles. L. J. Weber. 2,554,435, May 22.
Apparatus for effecting or controlling traverse of a body between opposed walls. H. Spragg. 2,579,981, Dec. 25.
Apparatus for effecting the hardening of deposits of ink and like compositions. J. D. Klopfenstein. 2,544,839, Mar. 13.
Apparatus for effecting transcriptions. G. Goldberger. 2,571,563, Oct. 16.
Apparatus for ejecting articles from molds. E. R. Byers. 2,572,984, Oct. 30.
Apparatus for electric arc-welding. E. Skytte. 2,536,999, Jan. 2.
Apparatus for electrically lighting the interior of handbags. V. N. Wadland. 2,565,895, Aug. 28.
Apparatus for electrocoating strip-like material. E. W. Rieger. 2,569,578, Oct. 2.
Apparatus for electrolytic investigation of solutions. J. Heyrovský. 2,569,100, Sept. 25.
Apparatus for electroperforating irregularly shaped articles. J. W. Meaker. 2,538,578, Jan. 16.
Apparatus for electroplating articles. A. N. Gray. 2,571,709, Oct. 16.
Apparatus for electrostatically depositing gas-suspended solids. E. W. York and F. C. Smith. 2,560,047, July 10.
Apparatus for electrowinning or electroplating of metals. W. T. Rawles. 2,543,059, Feb. 27.
Apparatus for elevating and dumping the contents of containers. H. C. and F. F. House. 2,569,609, Oct. 2.
Apparatus for embalming. C. L. Spurgeon. 2,538,282, Jan. 16.
Apparatus for exchanging heat with subterranean regions. G. E. Clancy. 2,554,661, May 29.
Apparatus for expanding perlite and the like. E. O. Howle, R. W. Jackson, and N. M. Foster. 2,572,484, Oct. 23.
Apparatus for extracting heat from gases under pressure. L. J. Marshall. 2,547,589, Apr. 3.
Apparatus for extracting juices from citrus fruits and the like. H. Cohen. 2,575,584, Nov. 20.
Apparatus for extracting liquid to form a concentrate. G. L. Cunningham. 2,552,524, May 15.
Apparatus for extracting mandrels from cavitied plastic structures. D. Gonda. 2,580,223, Dec. 25.
Apparatus for extraction of dust from gases by filtration. M. Véron. 2,564,316, Aug. 14.
Apparatus for extruding materials on cores under vacuum. C. A. Hallam and E. W. Reynolds. 2,550,555, Apr. 24.
Apparatus for extruding the contents of collapsible tubes. G. H. Snyder. 2,558,916, July 3.
Apparatus for fabricating insulating members for lamp bases and the like. A. B. Scholes and O. Mann. 2,573,365, Oct. 30.
Apparatus for facing leather or the like. H. A. Bernard. 2,558,811, July 3.
Apparatus for fastening materials together. C. E. Lincoln. 2,557,668, June 19.
Apparatus for feeding and aligning fish. W. A. Fonken. 2,541,046, Feb. 13.
Apparatus for feeding and cutting coiled material. J. S. Stull. 2,568,775, Sept. 25.
Apparatus for feeding and weighing. J. Johansen. 2,549,908, Apr. 24.
Apparatus for feeding can bodies to isolated wiping stations. W. W. Maher. 2,551,616, May 8.
Apparatus for feeding clay or like plastic material to mechanism in which it is to be molded into pottery or like articles. S. J. Moore. 2,567,523, Sept. 11.
Apparatus for feeding cut tobacco. D. W. Molins, F. F. Ruau, and A. E. Francis. 2,579,950, Dec. 25.
Apparatus for feeding filled containers and heads to seaming means. J. Schmidt. 2,563,496, Aug. 7.
Apparatus for feeding material at a predetermined rate. R. J. Harkenrider. 2,544,155, Mar. 6.
Apparatus for feeding powdered material. J. M. Tyrner. 2,549,033, Apr. 17.
Apparatus for feeding radiator vapor combined with an anti-corrosion and alkaline inhibiting solution into the fuel feed line of an internal-combustion engine. R. Oros. 2,557,459, June 19.
Apparatus for feeding, severing, stripping, and bending hooked wire leads. J. Vollmer. 2,571,078, Oct. 9.
Apparatus for feeding sheets vertically. C. W. Spohr. 2,558,989, July 3.
Apparatus for fiber collection. J. E. Coleman. 2,561,843, July 24.
Apparatus for filleting fish. K. A. Leuschner. 2,552,985, May 15.
Apparatus for filling and ramming foundry flasks. A. S. Beech. 2,568,536, Sept. 18.

Apparatus for filling and sealing containers. S. S. Jacobs and S. Birkland. 2,540,120, Feb. 6.
Apparatus for filling and weighing containers. J. A. Maslin. 2,548,611, Apr. 10.
Apparatus for filling bags. H. V. Kindseth. 2,548,222, Apr. 10.
Apparatus for filling brush handles. J. Petrome. 2,554,635, May 29.
Apparatus for filling containers. R. H. Winters. 2,558,028, June 26.
Apparatus for filling containers with ice cream or the like. F. C. Gross. 2,553,250, May 15
Apparatus for filling containers with liquid. T. Rapp. 2,537,421, Jan. 9.
Apparatus for filling inverted bottles. J. Staller. 2,547,606, Apr. 3.
Apparatus for filling molds with foamed latex. R. A. Herrly. 2,574,391, Nov. 6.
Apparatus for filling tubes with liquids. F. Oscroft. 2,562,815, July 31.
Apparatus for filling tubular receptacles with plural materials. C. Gonzalez. 2,569,928, Oct. 2.
Apparatus for filtering. D. E. Bench. 2,576,275, Nov. 27.
Apparatus for finishing braided threads. H. E. Smith. 2,575,981, Nov. 20.
Apparatus for finishing fabric. H. B. Koth. 2,543,413, Feb. 27.
Apparatus for finishing garments. W. C. Glover, Sr. and W. C. Glover, Jr. 2,551,209, May 1.
Apparatus for finishing gear teeth by shaving processes. R. J. McLeod. 2,556,143, June 5.
Apparatus for finishing glassware. C. W. Schreiber. 2,548,743, Apr. 10.
Apparatus for finishing surfaces. W. I. Knapp. 2,558,300, June 26.
Apparatus for fitting lens into frames, Electrically heated. J. D. Tasker. 2,544,514, Mar. 6.
Apparatus for flame hardening rounds. H. G. Hughey. 2,578,065, Dec. 11.
Apparatus for flame spraying. R. A. Wiese. 2,549,736, Apr. 17.
Apparatus for flattening cold-rolled strip metal. C. R. Wessman. 2,543,392, Feb. 27.
Apparatus for fluid filling of containers. W. M. Fleming. 2,579,916, Dec. 25.
Apparatus for fluoroscopy and radiography. E. E. Sheldon. 2,555,424, June 5.
Apparatus for focusing high-energy particles. W. K. H. Panofsky and W. R. Baker. 2,574,655, Nov. 13.
Apparatus for folding cloth in predetermined lengths. G. C. Truslow and J. T. MacIsaac, Jr. 2,572,289, Oct. 23.
Apparatus for forming and applying bottom stops. L. H. Morin. 2,543,418, Feb. 27.
Apparatus for forming and assembling parts. J. S. Stull. 2,568,776, Sept. 25.
Apparatus for forming and applying appendages for potteryware. W. S. Robson and A. E. Moore. 2,572,200, Oct. 23.
Apparatus for forming buttonholes. E. A. De Marco. 2,549,294, Apr. 17.
Apparatus for forming commutator rings. P. W. Nippert. 2,557,308, June 19.
Apparatus for forming colloidized plastics. K. C. Rathbun. 2,571,760, Oct. 16.
Apparatus for forming continuous welded tubing. G. B. Kueter. 2,567,020, Sept. 4.
Apparatus for forming depressions in cylindrical cans. W. F. Rothe. 2,576,240, Nov. 27.
Apparatus for forming designs in kitted or woven fabrics of synthetic polyamide fibers. F. G. Weisbecker. 2,550,893, May 1.
Apparatus for forming flutes in hollow lampposts. H. Guthmann. 2,568,730, Sept. 25.
Apparatus for forming molds and investing patterns. C. R. Baker. 2,568,978, Sept. 25.
Apparatus for forming paper closure members for paper containers. W. E. Amberg. 2,568,698, Sept. 25.
Apparatus for forming paper strips into continuous label forming bands for yarn and the like. S. E. Tribbey. 2,548,451, Apr. 10.
Apparatus for forming plastic sheets. R. W. Canfield. 2,541,203, Feb. 13.
Apparatus for forming powder metallurgy parts. R. P. Seelig. 2,570,989, Oct. 9.
Apparatus for forming rounded bottoms on conically shaped cups. W. E. Amberg. 2,563,632, Aug. 7.
Apparatus for forming solid fuels into films or bands. E. Rivoche and M. Barsky. 2,556,217, June 12.
Apparatus for forming structural compressed elements obtained by means of the expansion of elastic tubes, bags, and diaphragms inside rigid flasks. A. V. Locatelli. 2,542,874, Feb. 20.
Apparatus for forming tubes. J. W. Miller. 2,566,423, Sept. 4.
Apparatus for forwarding web material. W. Dreisel. 2,557,417, June 19.
Apparatus for fractionation. W. J. Bloomer. 2,560,072, July 10.
Apparatus for frothing rubberlike material. J. T. Marvin and G. H. McFadden. 2,574,220, Nov. 6.
Apparatus for gas analysis. J. E. Potts, Jr. 2,561,414, July 24.
Apparatus for gas separation by adsorption. C. H. O. Berg. 2,544,214, Mar. 6.
Apparatus for gasification of woods. C. E. Jenkins. 2,556,090, June 5.
Apparatus for gasifying liquid. A. G. Howard. 2,537,761, Jan. 9.
Apparatus for gasifying liquids. A. G. Howard. 2,558,179, June 26.
Apparatus for gauging and sorting lengths of tubing or rod. C. D. Spicer and A. F. Casler. 2,579,129, Dec. 18.
Apparatus for gauging textiles, particularly yarns and sliver. O. Grob and H. Locher. Re. 23,368, May 22.
Apparatus for gauging the lengths of articles. R. W. Mueller and R. Stech. 2,577,144, Dec. 4.
Apparatus for generating alternating current. W. E. O'Shei. 2,536,211, Jan. 2.
Apparatus for generating electrical pulses. A. D. Blumlein. 2,545,018, Mar. 13.
Apparatus for gluing packages. J. D. Conti. 2,571,204, Oct. 16.
Apparatus for grading and charting shoe lasting wipers. F. C. Eastman. 2,553,852, May 22.
Apparatus for greasing baking tins and like utensils. A. Foster. 2,553,408, May 15.
Apparatus for grinding and refinishing crankpins. M. T. Georgian. 2,566,660, Sept. 4.
Apparatus for grinding auger bits and similar articles. L. and E. W. Stebelton, and H. P. Berington. 2,572,212, Oct. 23.
Apparatus for grinding combustible materials. J. W. Ayers. 2,561,043, July 17.
Apparatus for grinding gears and gear cutters. F. Lohutko. 2,560,967, July 17.
Apparatus for grinding lenses. G. A. Clement. 2,545,447–8, Mar. 20.
Apparatus for grinding ore. T. E. Hobensack. 2,546,506, Mar. 27.
Apparatus for grinding rotating eccentric knives. F. F. Ruau. 2,541,615, Feb. 13.
Apparatus for guiding gripping means. H. L. Young. 2,557,492, June 19.
Apparatus for gun perforating well casing and surrounding unconsolidated formations. G. B. Thomas, Jr. 2,559,687, July 10.
Apparatus for handling and applying plaster. P. C. Baumann. 2,552,763, May 15.
Apparatus for handling and brightening metal. J. E. Erhardt, Jr. 2,546,538, Mar. 27.
Apparatus for handling and coating strip material. E. A. Wilckens. 2,552,245, May 8.
Apparatus for handling and loading citrus fruit. Hubert E. and Harry E. Ellis. 2,562,539, July 31.
Apparatus for handling and packaging eggs. J. W. Cox. 2,574,959, Nov. 13.
Apparatus for handling and packaging eggs. E. W. Fahey. 2,564,056, Aug. 14.
Apparatus for handling and tempering glassware. C. E. Mongan, Jr., and D. W. Mueller. 2,561,529, July 24.
Apparatus for handling annular articles. M. Morgan. 2,565,927, Aug. 28.
Apparatus for handling containers. A. C. Everett. 2,543,280, Feb. 27.
Apparatus for handling fish. H. R. Humphreys. 2,573,907, Nov. 6.
Apparatus for handling fish preparatory of canning. P. F. Skoog. 2,541,442, Feb. 13.
Apparatus for handling glassware. E. Crooks. 2,541,574, Feb. 13.
Apparatus for handling heavy slabs and other material. T. K. Graham. 2,546,362, Mar. 27.
Apparatus for handling irrigation fluid. E. O. Pratt. 2,578,374, Dec. 11.
Apparatus for handling liquids. J. R. Miller. 2,578,145, Dec. 11.
Apparatus for handling mixed concrete. E. D. Alessio. 2,568,678, Sept. 18.
Apparatus for handling rod and wire bundles or the like. B. N. Bletso. 2,567,271, Sept. 11.
Apparatus for handling rolls of sheet material. D. S. Robertson and L. J. Highfield. 2,549,239, Apr. 17.
Apparatus for handling rolls of sheet material. D. S. Robertson and L. J. Highfield. 2,565,740, Aug. 28.
Apparatus for handling tubing or the like. C. E. Harvey. 2,558,554, June 26.
Apparatus for hard surfacing blast furnace bells and hoppers. F. H. Janecek. 2,578,248, Dec. 11.
Apparatus for harvesting cotton. J. L. Hart, Jr. 2,538,454, Jan. 16.
Apparatus for harvesting onions. L. B. Sampson. 2,579,013, Dec. 18.
Apparatus for harvesting pineapples. M. Bainbridge, W. P. Tuttle, H. J. Baldwin, and E. S. Sheffield, Jr. 2,576,991, Dec. 4.
Apparatus for heat shaping piston rings. M. C. Dunsford. 2,577,113, Dec. 4.
Apparatus for heat transfer between fluids. C. A. Phipps. 2,577,359, Dec. 4.
Apparatus for heat-treating wire and the like. O. C. Trautman. 2,556,349, June 12.
Apparatus for heating a fluid by means of solid fuel. M. C. K. de Poray. 2,554,092, May 22.
Apparatus for heating fluids to high temperatures. F. W. Leffer. 2,548,030, Apr. 10.

Apparatus for heating selected portions of elongated workpieces in a continuous process. F. O. Hess and F. Maud. 2,576,342, Nov. 27.
Apparatus for heating sludge. J. D. Walker. 2,542,602, Feb. 20.
Apparatus for heating the human body without any external power. E. L. Lessard. 2,551,142, May 1.
Apparatus for high-frequency heating and sealing fixtures. P. R. Menzel and J. W. West. 2,572,646, Oct. 23.
Apparatus for high-frequency retorting. V. M. Hodge. 2,542,028, Feb. 20.
Apparatus for holding and guiding a chain of slides for successive displays. F. Waller and J. C. Shields. 2,563,893, Aug. 14.
Apparatus for holding citrus fruit. R. Polk, Sr. and R. Polk, Jr. 2,552,733, May 15.
Apparatus for holding documents for manifold writing. A. and G. B. Elisabeth. 2,579,808, Dec. 25.
Apparatus for homogenizing liquids. L. A. Runton. 2,553,213, May 15.
Apparatus for hydraulic motor control. M. O. Dean. 2,578,676, Dec. 18.
Apparatus for incising tires. W. F. Errig and E. S. De Hart. 2,567,149, Sept. 4.
Apparatus for imparting high energy to charged particles. A. M. Gurewitsch. 2,553,312, May 15.
Apparatus for impregnating yarn. L. P. Miller. 2,577,793, Dec. 11.
Apparatus for impregnating yarns. W. Jones and J. J. Heslin. 2,545,468, Mar. 20.
Apparatus for incinerating waste material. M. A. Clift. 2,577,000, Dec. 4.
Apparatus for increasing the traction of vehicle tires. H. W. Furnald. 2,570,540, Oct. 9.
Apparatus for indicating and recording the performance of electrically driven locomotives. R. S. Clark. 2,577,950, Dec. 11.
Apparatus for indicating ballast changes necessary to maintain submersed submarines in trim. A. C. Vine. 2,579,220, Dec. 18.
Apparatus for indicating the position of bodies. B. C. Fleming-Williams and A. Allen. 2,553,907, May 22.
Apparatus for inducing respiration by tilting. C. F. Eaton. 2,574,092, Nov. 6.
Apparatus for injection molding. F. A. Groth. 2,561,021, July 17.
Apparatus for inserting documents into envelopes. G. E. Bamber and S. G. Turnbull. 2,569,219, Sept. 25.
Apparatus for inspecting articles with a movable spot of radiant energy. H. T. Odquist and R. E. J. Nordquist. 2,561,406, July 24.
Apparatus for inspecting materials by wave trains. R. B. De Lano, Jr. 2,562,449, July 31.
Apparatus for inspecting sheets. C. M. Eddy and H. I. Hooper. 2,541,752, Feb. 13.
Apparatus for inspection of sensitized materials. C. A. Morrison. 2,548,551, Apr. 10.
Apparatus for insufflating the fallopian tubes. J. L. Marco. 2,544,931, Mar. 13.
Apparatus for insulating conductors. S. M. Martin. 2,566,846, Sept. 4.
Apparatus for internal truing of holes. R. Langel. 2,545,435, Mar. 20.
Apparatus for introducing gases into molten metal. A. R. Hutt. 2,545,663, Mar. 20.
Apparatus for inverting article containers. E. Rothman. 2,578,603, Dec. 11.
Apparatus for investigating a plurality of physical values in boreholes. S. Krasnow. 2,547,876, Apr. 3.
Apparatus for investigating optical refraction phenomena in gaseous media. R. Prescott. 2,541,437, Feb. 13.
Apparatus for joining thermoplastic material. J. T. G. Milne. 2,571,599, Oct. 16.
Apparatus for jointly or severally operating master cylinders. A. N. Milster. 2,556,288, June 12.
Apparatus for kneading and manufacturing granulated plastic masses. R. Colombo. 2,567,274, Sept. 11.
Apparatus for knitting striped fabric. S. Mishcon, H. Agulnek, and L. Mishcon. 2,549,701, Apr. 17.
Apparatus for laboratory investigations. A. Chediak. 2,561,339, July 24.
Apparatus for laminating materials. R. F. Hollis. 2,554,988, May 29.
Apparatus for lenticulating film. D. F. Winnek. 2,562,078, July 24.
Apparatus for leveling or straightening metal sheets. E. Mayer. 2,578,820, Dec. 18.
Apparatus for lifting and displacing railroad rails and frogs. A. Di Biase. 2,578,969, Dec. 18.
Apparatus for loading record strips into record frames. M. B. Hall. 2,576,682, Nov. 27.
Apparatus for localizing the effects of accidental fires. J. B. Schaus. 2,549,936, Apr. 24.
Apparatus for locating faults in electric circuits. T. Greene. 2,551,942, May 8.
Apparatus for locating images on screens. F. Waller and W. R. Dresser. 2,563,892, Aug. 14.
Apparatus for locking tubular members on shafts. B. W. Lerch. 2,561,745, July 24.
Apparatus for logging. P. W. Martin. 2,568,241, Sept. 18.
Apparatus for lubricating metallic strips. E. R. Backus. 2,555,021, May 29.
Apparatus for lubricating wire ropes or cables. A. McPherson and W. B. Bird. 2,578,260, Dec. 11.
Apparatus for magnetically measuring thickness of ferrous pipe. W. R. MacLean. 2,573,799, Nov. 6.
Apparatus for maintaining a constant liquid level. R. P. Moore. 2,556,771, June 12.
Apparatus for making aural announcements. T. J. Valentino and R. Fine. 2,561,602, July 24.
Apparatus for making bellows. W. H. Grant. 2,541,869, Feb. 13.
Apparatus for making brushes. M. D. Smith. 2,549,536, Apr. 17.
Apparatus for making brushes. J. A. Starr. 2,576,545, Nov. 27.
Apparatus for making coaxial cable units. S. E. Brillhart. 2,579,468, Dec. 25.
Apparatus for making dental plates. A. J. Desnoyers. 2,565,481, Aug. 28.
Apparatus for making edible products. M. L. Balzarini. 2,572,833, Oct. 30.
Apparatus for making electrical connections to articles in transit. C. N. Stover. 2,540,843, Feb. 6.
Apparatus for making electrical measurements. A. J. Ehlschlager. 2,567,700, Sept. 11.
Apparatus for making flock covered paper. O. W. Berglund. 2,576,276, Nov. 27.
Apparatus for making fluorophotometric measurements. H. L. Condiff. 2,549,574, Apr. 17.
Apparatus for making fluted containers. M. H. Sidebotham. 2,539,356, Jan. 23.
Apparatus for making frozen confections. C. McCarl. 2,549,915, Apr. 24.
Apparatus for making insulation batts and boards. W. J. Kropp. 2,546,266, Mar. 27.
Apparatus for making marshmallows. E. T. Oakes. 2,572,049, Oct. 23.
Apparatus for making means to attach friction material to brake shoes and the like. S. G. Tilden. 2,542,064, Feb. 20.
Apparatus for making multiple ply extruded hose. F. M. Galloway. 2,574,555, Nov. 13.
Apparatus for making optical devices. F. C. P. Henroteau. 2,543,778, Mar. 6.
Apparatus for making optical devices. G. E. Pride, H. Osterberg, and H. Jupnik. 2,549,926, Apr. 24.
Apparatus for making paper and like bags. J. Nicholas. 2,565,258, Aug. 21.
Apparatus for making plats. J. B. Scheel. 2,566,910, Sept. 4.
Apparatus for making plywood tubing. T. E. Ilch. 2,574,920, Nov. 13.
Apparatus for making pottery ware. A. J. Wahl. 2,547,294, Apr. 3.
Apparatus for making retractile cordage continuously. W. L. Ames. 2,547,356, Apr. 3.
Apparatus for making retractile cords. J. B. Cook. 2,575,747, Nov. 20.
Apparatus for making sectional wires. M. W. Kremer. 2,579,117, Dec. 18.
Apparatus for making sheet or web material. W. C. Huebner. 2,562,358, July 31.
Apparatus for making slitted and expanded sheet material. A. Ziska. 2,565.641, Aug. 28.
Apparatus for making sponge rubber. E. B. Lewis. 2,567,949, Sept. 18.
Apparatus for making stereoscopic pictures. W. A. Ayres. 2,560,538, July 17.
Apparatus for making stranded wire structures. D. B. Carleton and W. H. Simcoe. 2,556,164, June 12.
Apparatus for making tubing. J. P. Hill. 2,569,856, Oct. 2.
Apparatus for making tuft buttons and the like. J. A. Dayton and W. C. Staire. 2,561,912, July 24.
Apparatus for making use of the suction stroke in internal-combustion engines. E. Bobard. 2,541,740, Feb. 13.
Apparatus for making welded pipe joints. A. R. C. Markl. 2,537,776, Jan. 9.
Apparatus for manufacture of films and foils. G. and E. Frenkel. 2,559,420, July 3.
Apparatus for manufacture of thread. H. A. Kuljian. 2,572,268, Oct. 23.
Apparatus for manufacture of type fonts. D. F. Neely. 2,571,471, Oct. 16.
Apparatus for manufacturing box constructions. G. P. Woodbury. 2,547,514, Apr. 3.
Apparatus for manufacturing cheese and the like. B. S. Harrington. 2,536,054, Jan. 2.
Apparatus for manufacturing clothespins. B. B. Sweet. 2,568,373, Sept. 18.
Apparatus for manufacturing cutlery. B. M. Miller. 2,552,103, May 8.
Apparatus for manufacturing plastic toy balloons. M. Haas. 2,553,252, May 15.
Apparatus for manufacturing retractile cords. W. L. Ames. 2,565,465, Aug. 28.
Apparatus for manufacturing screens. J. A. Gibbons. 2,558,244, June 26.
Apparatus for manufacturing screw sticks. E. H. Kesel. 2,548,538, Apr. 10.
Apparatus for manufacturing striplike glass. P. Schoonenberg and P. van Zonneveld. 2,578,986, Dec. 18.
Apparatus for manufacturing tabulated bulbs from glass tubing. L. C. Baker and J. F. Haines. 2,549,762, Apr. 24.

Apparatus for manufacturing tubes and the like from flat metal strips or bands. L. Desilly. 2,554,093, May 22.
Apparatus for manufacturing tubes from artificial resins, rubber, and the like. R. Colombo. 2,563,397, Aug. 7.
Apparatus for marine seismic prospecting. J. J. Babb and N. J. Smith. 2,544,819, Mar. 13.
Apparatus for marking strands. E. K. Bauer. 2,548,856, Apr. 17.
Apparatus for marking tags. A. K. Marsh. 2,549,107, Apr. 17.
Apparatus for marking traffic lines on footpaths and roads. W. D. Woellwarth. 2,543,395, Feb. 27.
Apparatus for measurement of time intervals between pulses. L. L. Morse. 2,567,229, Sept. 11.
Apparatus for measuring and recording lengths. M. E. True. 2,553,613, May 22.
Apparatus for measuring and transmitting a condition from a rotatable member. H. Schaevitz. 2,548,397, Apr. 10.
Apparatus for measuring apparent density of flour, meal, and the like. P. J. Wood. 2,578,118, Dec. 11.
Apparatus for measuring depth by stereoscopic views. L. J. Leishman. 2,545,622, Mar. 20.
Apparatus for measuring distances within bores. J. E. Miller. 2,544,100, Mar. 6.
Apparatus for measuring electrical characteristics. H. K. Bradford. 2,543,715, Feb. 27.
Apparatus for measuring electrochemical potentials. E. L. Gambetta. 2,560,857, July 17.
Apparatus for measuring excess reactive kilovoltampere demand. O. K. Coleman. 2,573,407, Oct. 30.
Apparatus for measuring extrusion pressures. G. E. Gliss. 2,557,738, June 19.
Apparatus for measuring forces, especially the force of gravity. G. V. A. Gustafsson. 2,559,919, July 10.
Apparatus for measuring gas velocity in flames. F. P. Bundy and H. M. Strong. 2,578,398, Dec. 11.
Apparatus for measuring helix angle and taper of gear teeth and the like. A. I. Bean. 2,563,910, Aug. 14.
Apparatus for measuring intensity of magnetic field. G. Muffly. 2,564,854, Aug. 21.
Apparatus for measuring interstitial water content, permeability, and electrical conductivity of well cores. P. P. Reichertz. 2,539,355, Jan. 23.
Apparatus for measuring jet reaction of a nozzle. H. E. Karig. 2,538,785, Jan. 23.
Apparatus for measuring liquid contents of tanks. S. G. Isserstedt. 2,559,436, July 3.
Apparatus for measuring low-temperature stiffening of elastomers. S. D. Gehman. 2,579,424, Dec. 18.
Apparatus for measuring physical conditions. K. A. Lang and J. F. Cross. 2,576,611, Nov. 27.
Apparatus for measuring pressure. S. Cromer, E. T. Booth, Jr., and F. L. Alexander. 2,542,905, Feb. 20.
Apparatus for measuring profiles and contours. D. C. White. 2,556,381, June 12.
Apparatus for measuring rotor-blade vibration. G. W. Hardigg. 2,575,710, Nov. 20.
Apparatus for measuring the rate of drilling fluid flow through a well. J. W. Pitcher and J. T. Callahan, Jr. 2,552,454, May 8.
Apparatus for measuring the size of bags. P. G. Stanley. 2,571,628, Oct. 16.
Apparatus for measuring the volumes of periodically recurring fluid flows. J. H. Emerson. 2,569,849, Oct. 2.
Apparatus for measuring ultra high frequency field distributions. S. Sensiper. 2,551,398, May 1.
Apparatus for measuring, weighing, and loading loose materials into containers. H. J. Zenke and E. E. Arnold. 2,544,210, Mar. 6.
Apparatus for metallizing articles. J. A. Sargrove. 2,570,600, Oct. 9.
Apparatus for metering the fuel supplied to a prime mover. R. H. D. Chamberlin, C. H. L. Wynne, and J. Skellern. 2,536,158, Jan. 2.
Apparatus for mingling solids and fluids to treat one with the other. W. J. Rowe. 2,568,661, Sept. 18.
Apparatus for mining coal. W. Vogel. 2,561,642, July 24.
Apparatus for mixing and dispensing beverages. J. V. Whipple. 2,548,641, Apr. 10.
Apparatus for mixing and dispensing paint. W. L. Hancock and B. Walsh. 2,548,106, Apr. 10.
Apparatus for mixing rubber compounds and the like. C. H. Beare. 2,571,655, Oct. 16.
Apparatus for mixing the vapor of a volatile anesthetic. W. Edmondson and W. Jones. 2,553,446, May 15.
Apparatus for mixing viscous liquids. R. G. Russell and and R. B. Wiley. 2,577,920, Dec. 11.
Apparatus for molding articles. H. L. Crowley and A. M. Hossenlopp. 2,558,823, July 3.
Apparatus for molding concrete blocks. V. V. Benischek. 2,560,208, July 10.
Apparatus for molding concrete floor slabs. M. G. Flores. 2,578,057, Dec. 11.
Apparatus for molding doll components. D. Sklarsky. 2,557,014, June 12.
Apparatus for molding flanged workpieces. W. J. Baëza. 2,562,876, Aug. 7.
Apparatus for molding plastic aggregate. J. P. Kany. 2,543,292, Feb. 27.
Apparatus for molding plastic slide fasteners. J. N. Kuzmick. 2,543,111, Feb. 27.
Apparatus for molding prestressed reinforced concrete elements. K. R. Danhof. 2,569,231, Sept. 25.
Apparatus for molding thermoplastic material. E. C. Quear, W. C. Shaw, and J. R. Edwards. 2,569,535, Oct. 2.
Apparatus for molding threaded articles. J. L. Howie, Jr. 2,560,291, July 10.
Apparatus for molding V-belts. H. A. Bourne. 2,550,183, Apr. 24.
Apparatus for mounting tanks in a cargo vessel. H. Marlow and J. E. Steele. 2,539,453, Jan. 30.
Apparatus for moving pipe. A. L. Stone. 2,537,607, Jan. 9.
Apparatus for multiple separation in heavy density mediae. C. B. Hebbard. 2,563,332, Aug. 7.
Appliance for musical instruments. W. D. Gladstone. 2,565,225, Aug. 21.
Apparatus for nebulizing liquids. B. Joos. 2,537,833, Jan. 9.
Apparatus for notching can body blanks. E. Laxo. 2,577,021, Dec. 4.
Apparatus for opening and cleaning lint cotton. E. H. Brooks. 2,576,280, Nov. 27.
Apparatus for opening and filling bags. M. J. Harrington. 2,540,615, Feb. 6.
Apparatus for operating automatic telephones. M. E. Thornton. 2,579,983, Dec. 25.
Apparatus for operating lathes. C. A. Bickel. 2,561,724, July 24.
Apparatus for optically projecting and gauging profiles. C. F. Dietrich and H. J. Smith. 2,542,755, Feb. 20.
Apparatus for orienting tools in well bores. C. A. Brokaw and W. G. James. 2,544,979, Mar. 13.
Apparatus for ornamenting ceramic ware. W. C. Denison, Jr. 2,556,258, June 12.
Apparatus for packaging articles. H. J. Osterhof. 2,549,123, Apr. 17.
Apparatus for packaging Venetian blind installation brackets. H. K. Lorentzen. 2,554,624, May 29.
Apparatus for packing fruit and the like. W. R. Peterson. 2,536,516, Jan. 2
Apparatus for padding absorbent materials. R. S. E. Hannay, W. Kilby, and R. H. Edmead. 2,562,457, July 31.
Apparatus for painting walls. S. P. Chappen. 2,543,436, Feb. 27.
Apparatus for parking automobiles. C. M. Walker. 2,569,393, Sept. 25.
Apparatus for partial surface hardening of crankshafts, camshafts, or like workpieces. L. Högel, T. Thelemarck, and C. Lingberg. 2,574,564, Nov. 13.
Apparatus for pasteurizing and the like. D. B. Vandewater. 2,551,651, May 8.
Apparatus for peeling fruit. R. Polk, Sr. and R. Polk, Jr. 2,570,071, Oct. 2.
Apparatus for pelleting solids. G. W. Batchelder and O. J. Bronn. 2,570,423, Oct. 9.
Apparatus for performing chemical tests. T. A. Hewson. 2,550,067, Apr. 24.
Apparatus for phase modulating high-frequency oscillations. A. J. W. M. van Overbeek. 2,569,358, Sept. 25.
Apparatus for photographically copying either both or only one side of a document. J. F. Egan and G. S. Jones. 2,552,266, May 8.
Apparatus for photographically recording documents or the like. F. Budde. 2,557,026, June 12.
Apparatus for pickling plates. C. G. Watson. 2,567,416, Sept. 11.
Apparatus for piercing metallic billets. C. Tichy. 2,537,867, Jan. 9.
Apparatus for piling sheets. W. H. Mursch. 2,566,240, Aug. 28.
Apparatus for plant cultivation. S. D. Pool and B. J. Shager. 2,569,194, Sept. 25.
Apparatus for plasticizing plastic material. G. E. Henning. 2,573,440, Oct. 30.
Apparatus for playing an oracle card game. C. van Asten. 2,557,400, June 19.
Apparatus for plicating tubing. G. Freund, II. 2,542,652, Feb. 20.
Apparatus for plotting graphs. L. Bihaly. 2,567,632, Sept. 11.
Apparatus for polishing ball races. C. C. Moore. 2,551,961, May 8.
Apparatus for polishing continuous strip metal. D. A. Wallace. 2,567,163, Sept. 4.
Apparatus for polishing precious stones. C. West. 2,569,592, Oct. 2.
Apparatus for positioning a rotary controlled element. H. F. Elliott. 2,567,325, Sept. 11.
Apparatus for positioning bone nails for fixing fractured bones. E. J. Haboush. 2,579,186, Dec. 18.
Apparatus for positioning fish. P. Danielsson. 2,563,008, Aug. 7.
Apparatus for pouring molten metal. I. Harter, Jr. and T. W. Ratcliffe. 2,571,033, Oct. 9.
Apparatus for powdering and smoothing shoe soles. J. F. Porter. 2,563,362, Aug. 7.
Apparatus for precision control of climatic conditions. C. E. Ohlheiser. 2,545,491, Mar. 20.
Apparatus for predicting the lateral and vertical angles of the future position of a moving target by geometrical analogue. K. B. Palme and S. G. Gerdin. 2,578,203, Dec. 11.

Apparatus for preparing coal dust for briquetting. L. A. Tarpley and C. H. Fleming. 2,576,548, Nov. 27.
Apparatus for preparing explosives. F. A. F. Crawford. 2,579,474, Dec. 25.
Apparatus for preparing solutions. E. Swartz. 2,576,315, Nov. 27.
Apparatus for preshrinking crystalline vinylidene chloride copolymer film. W. A. Klein, R. R. Trull, and E. V. Dettmer. 2,540,986, Feb. 6.
Apparatus for pressing bark-removing cables against a pile, pole or log. E. A. Laulainen. 2,575,422, Nov. 20.
Apparatus for pressing out liquid. R. W. Scott. 2,579,054, Dec. 18.
Apparatus for pressure measurement. J. H. Strange and H. M. Grubb. 2,567,253, Sept. 11.
Apparatus for preventing static charges from collecting on articles in a dispensing hopper. H. R. Longfellow. 2,547,132, Apr. 3.
Apparatus for preventing the accumulation of ice upon surfaces. H. E. Greene. 2,536,739, Jan. 2.
Apparatus for printing composite films. A. Coutant and J. Mathot. 2,558,605, June 26.
Apparatus for printing on textile fabrics. W. E. Image. 2,562,984, Aug. 7.
Apparatus for processing cast elongated articles. L. L. Johnston. 2,563,844, Aug. 14.
Apparatus for processing continuous film. O. J. Wampole, F. M. Brown, and C. M. Tuttle. 2,548,573, Apr. 10.
Apparatus for processing foods. G. T. Reich. 2,558,268, June 26.
Apparatus for processing iced bakery products. L. H. Braun. 2,550,526, Apr. 24.
Apparatus for processing olives. L. B. Sammis and R. L. Keck. 2,577,273, Dec. 4.
Apparatus for processing packaged food material. H. J. Bierman. 2,563,576, Aug. 7.
Apparatus for processing pickled food products. J. J. Mackin. 2,573,468, Oct. 30.
Apparatus for processing workpieces. A. H. Hannon. 2,538,242, Jan. 16.
Apparatus for producing a grooved article. S. F. Cybulski and W. C. Christie. 2,551,728, May 8.
Apparatus for producing acetylene. R. L. Hasche. 2,556,424, June 12.
Apparatus for producing activated carbon. K. B. Stuart. 2,536,106, Jan. 2.
Apparatus for producing activated carbon. K. B. Stuart. 2,536,783, Jan. 2.
Apparatus for producing air-borne particles of insecticide. W. A. Simanton. 2,536,231, Jan. 2.
Apparatus for producing arch supports. M. L. Niles. 2,558,690, June 26.
Apparatus for producing artificial crystals. G. E. Merritt. 2,562,325, July 31.
Apparatus for producing charged water. L. Gottlieb. 2,575,267, Nov. 13.
Apparatus for producing containers. C. W. Heinle. 2,536,055, Jan. 2.
Apparatus for producing fibers. E. Fletcher. 2,571,025, Oct. 9.
Apparatus for producing fibers from glass and other heat softenable materials. C. J. Stalego. 2,578,101, Dec. 11.
Apparatus for producing frangible seal container parts. C. W. Heinle and R. E. J. Nordquist. 2,549,808, Apr. 24.
Apparatus for producing gas under pressure. M. Kadenacy. 2,579,321, Dec. 18.
Apparatus for producing glass articles. A. J. Throm. 2,561,248, July 17.
Apparatus for producing glass to be attenuated to fibers. F. V. Tooley and R. G. Russell. 2,566,252, Aug. 28.
Apparatus for producing high-intensity ultrasonic waves. B. Szczeniowski. 2,570,081, Oct. 2.
Apparatus for producing hollow rubber or like articles. D. G. Rempel. 2,537,089, Jan. 9.
Apparatus for producing metal compounds by electrolysis. M. von Schulthess. 2,552,753, May 15.
Apparatus for producing milk of lime. R. S. Walker. 2,559,691, July 10.
Apparatus for producing notes and sounds of a musical character. P. P. Pattyn. 2,544,722, Mar. 13.
Apparatus for producing oscillographic records. C. M. Hathaway. 2,539,832, Jan. 30.
Apparatus for producing pellets. H. E. Eisner. 2,572,998, Oct. 30.
Apparatus for producing sand cores and the like. R. R. Snow. 2,545,799, Mar. 20.
Apparatus for producing self-supporting wrinkle film. H. A. Toulmin, Jr. 2,576,317, Nov. 27.
Apparatus for producing shaped sections. W. R. Dodds. 2,544,447, Mar. 6.
Apparatus for producing simulated snowstorms. R. and M. R. Solomon. 2,543,606, Feb. 27.
Apparatus for producing substantially clear ice bodies. B. K. Roberts and C. E. Enger. 2,575,892, Nov. 20.
Apparatus for producing waves in fluid media. F. W. Crawford and J. S. Kirby-Smith. 2,568,186, Sept. 18.
Apparatus for production of acetylene and other hydrocarbons. P. T. Liggett. 2,558,861, July 3.
Apparatus for production of volatilizable metals. R. Fouquet. 2,550,684, May 1.
Apparatus for profiling articles. B. A. Raetsch. 2,577,154, Dec. 4.
Apparatus for projecting aerial images in high relief. F. Sauvagé. 2,576,147, Nov. 27.
Apparatus for projecting images. R. E. Brown. 2,553,745, May 22.
Apparatus for projecting stereopicture slides. F. A. Ramsdell. 2,538,124, Jan. 16.
Apparatus for projecting three-dimensional photographs. G. Pastor. 2,565,185, Aug. 21.
Apparatus for proportional mixing of paints. M. D. McCauley. 2,561,525, July 24.
Apparatus for proportionally blending liquids. J. Isreeli and G. T. Allen. 2,564,306, Aug. 14.
Apparatus for proportioning liquid mixtures. E. M. O'Neill. 2,537,277, Jan. 9.
Apparatus for proportioning liquids. S. J. Cohen. 2,543,522, Feb. 27.
Apparatus for proportioning liquids. H. G. Freeman. 2,580,011, Dec. 25.
Apparatus for protection against falls into space. J. Trouin. 2,546,202, Mar. 27.
Apparatus for pulling rails. C. Gorbett. 2,553,854, May 22.
Apparatus for pulping paper stock. E. Cowles. 2,557,174, June 19.
Apparatus for pulverization and dispersion of materials. T. Robinson. 2,544,047, Mar. 6.
Apparatus for pumping and sterilizing liquids. W. W. Cushman. 2,578,673, Dec. 18.
Apparatus for pumping concrete. C. I. Longenecker. 2,548,733, Apr. 10.
Apparatus for pumping viscous materials. B. Olsson. 2,571,932, Oct. 16.
Apparatus for purging containers. G. B. Long. 2,537,416, Jan. 9.
Apparatus for purifying metals. G. H. Sittner. 2,550,502, Apr. 24.
Apparatus for pushing fish tape through conduits. J. G. Jacob. 2,559,160, July 3.
Apparatus for pyrolytic conversion of hydrocarbons. O. G. Kaasa. 2,548,026, Apr. 10.
Apparatus for pyrolytic conversion of hydrocarbons. K. M. Watson. 2,542,887, Feb. 20.
Apparatus for quick-freezing foods. C. A. Baker and G. W. Mathews. 2,537,390, Jan. 9.
Apparatus for radium therapy applied in the cavity of the body. A. M. Ritala. 2,544,939, Mar. 13.
Apparatus for raising curtains, shades, and blinds. N. Bratt. 2,576,171, Nov. 27.
Apparatus for rapid solution and/or suspension of powdered solids. D. D. Peebles and G. P. Hensley. 2,580,316, Dec. 25.
Apparatus for rapid heat transfer in process material. H. S. Hill and J. T. Coghill. 2,573,709, Nov. 6.
Apparatus for rapidly accelerating a shaft. J. Hirsch and J. Onisko, Jr. 2,553,584, May 22.
Apparatus for rapping electrodes in electrical precipitators. R. A. Dawson. 2,552,771, May 15.
Apparatus for receiving electrical alternating field effects. H. J. Tyzzer. 2,536,329, Jan. 2.
Apparatus for reconstituting dried powders. S. T. Coulter and J. L. Becker. 2,566,555, Sept. 4.
Apparatus for recovering zinc from zinciferous material containing iron. F. F. Poland. 2,552,648, May 15.
Apparatus for reducing scale formation. C. H. Van Toorn. 2,561,762, July 24.
Apparatus for refining fibrous materials. H. L. X. Vincent. 2,536,332, Jan. 2.
Apparatus for refinishing floors. J. Lombardo. 2,547,223, Apr. 3.
Apparatus for reforming thermoplastic sheets. E. F. and C. W. Middleton. 2,559,365, July 3.
Apparatus for regeneration of ion exchangers. W. J. Hughes. 2,538,418, Jan. 16.
Apparatus for registering sheets. H. T. Backhouse. 2,555,913, June 5.
Apparatus for regulating air pressure in automobile tires. A. L. Caiptman. 2,577,458, Dec. 4.
Apparatus for regulating high voltage. K. G. Morrison. 2,546,106, Mar. 20.
Apparatus for regulating power used by pulp grinders. L. A. Cole. 2,545,260, Mar. 13.
Apparatus for regulating the indicated power of hot gas motors. H. Rinia and H. de Brey. 2,547,781, Apr. 3.
Apparatus for reinforcing asbestos-cement sheets. W. H. Rooksby. 2,578,598, Dec. 11.
Apparatus for releasably locking a gasoline pump or the like after each operation thereof. B. J. Patten. 2,547,967, Apr. 10.
Apparatus for relieving the teeth of circular cutting elements. R. W. Andreasson. 2,547,845, Apr. 3.
Apparatus for removing bark from logs. R. D. Pauley and L. A. McCanna. 2,576,967, Dec. 4.
Apparatus for removing cans from cartons. L. W. Waters. 2,578,912, Dec. 18.
Apparatus for removing entrained particles from liquid coolant. H. J. Caldwell. 2,541,202, Feb. 13.
Apparatus for removing moisture from heat insulating walls. C. G. Munters. 2,579,509, Dec. 25.
Apparatus for removing moisture in a refrigerating system. J. E. Gray. 2,546,594, Mar. 27.

Apparatus for removing wood waste. C. V. Anderson. 2,574,161, Nov. 6.
Apparatus for reproducing colored pictures. R. Thomas. 2,553,285, May 15.
Apparatus for resistance welding fins to the interior surfaces of tubes. J. W. Brown, Jr. 2,550,965, May 1.
Apparatus for resurfacing plastic phonograph records or the like. F. S. Ajero. 2,563,701, Aug. 7.
Apparatus for retreading pneumatic tires. M. Peigney. 2,553,722, May 22.
Apparatus for rimming paper cups. S. W. Amberg. 2,541,905, Feb. 13.
Apparatus for roasting ore. K. D. McBean. 2,536,952, Jan. 2.
Apparatus for roasting ores. E. Klepetko and P. de B. Kaye. 2,558,963, July 3.
Apparatus for roasting sulfide ores. L. W. Booton. 2,573,785, Nov. 6.
Apparatus for rotating and spray painting disks. C. Giordano, Jr. 2,579,737, Dec. 25.
Apparatus for sampling particulate clouds. K. R. May. 2,538,116, Jan. 16.
Apparatus for scalding poultry. H. E. Drews. 2,549,070, Apr. 17.
Apparatus for scarfing board ends. H. H. Payzant. 2,571,603, Oct. 16.
Apparatus for scavenging hydrodynamic machines. J. K. Douglas. 2,553,850, May 22.
Apparatus for scorching and preshinking mats. E. C. Gadden. 2,542,654, Feb. 20.
Apparatus for scouring, bleaching, dyeing, or other similar operations on textile materials. J. Rottier. 2,559,030, July 3.
Apparatus for scraping and cleaning conveyer belts. H. Hall. 2,545,882, Mar. 20.
Apparatus for scraping and cleaning conveyer belts, rollers, and the like. H. Hall. 2,545,883, Mar. 20.
Apparatus for screw cutting and feeds for machine tools. M. H. Rumpf. 2,570,720, Oct. 9.
Apparatus for sealing plastics. K. F. Spalding. 2,556,452, June 12.
Apparatus for sectionizing citrus fruit. R. Polk, Sr., and R. Polk, Jr. 2,558,579, June 26.
Apparatus for sectionizing citrus fruit. R. Polk, Sr., and R. Polk, Jr. 2,560,128, July 10.
Apparatus for securing a handle to a cup or other hollow ware article made of earthenware or china. A. Steele. 2,560,007, July 10.
Apparatus for securing cargo in transit. J. R. Huber. 2,560,695, July 17.
Apparatus for securing sheet metal heads to tubular bodies. J. W. Miller and A. A. Hale. 2,558,576, June 26.
Apparatus for seismic exploration. C. H. Carlisle. 2,551,417, May 1.
Apparatus for semiautomatically producing photographic type. H. J. A. de Goeij. 2,572,322, Oct. 23.
Apparatus for separating closely adjacent strips of dough. C. Malnati. 2,545,667, Mar. 20.
Apparatus for separating dust from dust-laden air. A. H. Korn. 2,569,567, Oct. 2
Apparatus for separating particles of different densities. E. L. Erickson. 2,579,228, Dec. 18.
Apparatus for separating pulverulent material. N. Ahlmann. 2,577,295, Dec. 4.
Apparatus for separating solid materials. M. A. Swayze. 2,538,285, Jan. 16.
Apparatus for separating solid particles from gases. T. Blomén. 2,571,331, Oct. 16.
Apparatus for separating solids according to their specific gravities. C. L. Key. 2,554,495, May 29.
Apparatus for separating suspended particles from gases. C. B. McBride. 2,542,549, Feb. 20.
Apparatus for sequentially degassing and combusting solid fuel having a low sintering temperature. D. Dalin and C. J. Gejrot. 2,567,058, Sept. 4.
Apparatus for servicing the trucks or wheels of railway vehicles. L. H. Holdeman. 2,554,145, May 22.
Apparatus for setting feeding mechanisms for material working machines. L. G. Holt. 2,564,434, Aug. 14.
Apparatus for setting up cartons. L. Back. 2,560,405, July 10.
Apparatus for sewing stringer tape for slide fasteners. R. M. Gibbons, Jr. 2,542,764, Feb. 20.
Apparatus for shaping materials. J. J. Kowalewski. 2,572,267, Oct. 23.
Apparatus for shaping the ends of can bodies. M. R. Delaval. 2,564,193, Aug. 14.
Apparatus for sharpening pencil refills. H. Buser. 2,552,402, May 8.
Apparatus for shelling shrimp. J. C. Abbott. 2,546,414, Mar. 27.
Apparatus for shipboard wind measurement. L. E. Wood. 2,567,984, Sept. 18.
Apparatus for short-circuiting overhead supply mains for electric railways. S. Bureš and F. Novák. 2,540,424, Feb. 6.
Apparatus for silencing and filtering noise producing gases. H. A. Dietrich. 2,553,306, May 15.
Apparatus for silencing and filtering noise producing gases. W. L. Manning. 2,553,326, May 15.
Apparatus for silencing noise producing gases. R. L. Hoyle. 2,562,101, July 24.
Apparatus for simulating radio navigation aids. R. C. Dehmel. 2,560,527, July 10.
Apparatus for simulating the operation of a radio object locating system. W. Roth. 2,548,684, Apr. 10.
Apparatus for simultaneously advancing and plasticizing plastic compounds. A. N. Gray. 2,547,000, Apr. 3.
Apparatus for simultaneously advancing and worikng organic plastic material. G. E. Henning. 2,556,276, June 12.
Apparatus for simultaneously transporting and processing electron discharge devices, including aging the same. R. C. Eddy. 2,573,416, Oct. 30.
Apparatus for sizing and drying warp yarn. R. J. Taylor and J. F. Davenport. 2,572,288, Oct. 23.
Apparatus for slaking lime. R. S. Walker. 2,560,316, July 10.
Apparatus for slitting and expanding sheet material. caps. J. C. and W. H. Johnson. 2,537,832, Jan. 9.
Apparatus for slitting and expanding sheet materials. D. L. Hunzicker and C. T. Walton. 2,537,764, Jan. 9.
Apparatus for solvent extraction of oil from seeds. H. R. Straight. 2,550,947, May 1.
Apparatus for spectrophotometric quantitative analysis. T. E. Weichselbaum. 2,562,874, July 31.
Apparatus for spinning and twisting textile yarns. J. K. Cochran. 2,541,746, Feb. 13.
Apparatus for spinning and twisting textile yarns. J. K. Cochran. 2,578,513, Dec. 11.
Apparatus for spinning artificial filaments. R. W. Stanley. 2,538,283, Jan. 16.
Apparatus for splicing cushion tires. W. J. Strong. 2,565,703, Aug. 28.
Apparatus for splicing rubber articles. A. N. Iknayan and A. B. Clayton. 2,576,940, Dec. 4.
Apparatus for spray coating articles in an electrostatic field. H. P. Ransburg, E. P. Miller and N. Curtis. 2,546,701, Mar. 27.
Apparatus for spray coating particles. E. Lowe and H. A. Swenson. 2,576,952, Dec. 4.
Apparatus for spraying hides and skins. E. Giraudo. 2,565,655, Aug. 28.
Apparatus for spraying hot dope, lacquers and other thermally thinned material. D. B. Grossman. 2,546,741, Mar. 27.
Apparatus for spraying liquid insecticide from airplanes. A. C. Wilson. 2,537,251, Jan. 9.
Apparatus for spraying molten material. M. Huntoon and L. J. Johnston. 2,543,320, Feb. 27.
Apparatus for spraying trees. R. V. Newcomb and H. F. Keeler. 2,538,879, Jan. 23.
Apparatus for stacking articles on edge. J. H. Nutt. 2,555,602, June 5.
Apparatus for starting and operating gaseous discharge devices. A. E. Feinberg. 2,558,293, June 26.
Apparatus for starting engines. G. W. Lewis. 2,562,196, July 31.
Apparatus for stereophonic sound reproduction. K. de Boer. 2,547,447, Apr. 3.
Apparatus for sterilizing and cleaning feathers. H. E. Wheeler. 2,552,243, May 8.
Apparatus for sterilizing containers. C. B. Cook. 2,544,007, Mar. 6.
Apparatus for sterilizing plasma, vaccine, and other fluids. J. J. Dill. 2,569,153, Sept. 25.
Apparatus for straightening teeth. G. J. Broussard. 2,558,475, June 26.
Apparatus for stretch-bending work in different directions under a predetermined tension. L. S. Hubbert. 2,553,092, May 15.
Apparatus for stringing tag blanks. G. L. Cornman, G. L. Cornman, Jr., and G. W. Vernon. 2,567,991, Sept. 18.
Apparatus for stripping and printing motion-picture films with improved registration. A. J. Miller. 2,551,689, May 8.
Apparatus for stripping wing feathers from fowl and the like. C. W. Haley. 2,541,647, Feb. 13.
Apparatus for stunning and killing poultry. W. W. Rabin. 2,536,220, Jan. 2.
Apparatus for supplying cigarettes to packing machines. G. Dearsley. 2,574,628, Nov. 13.
Apparatus for supplying solid material to liquids. E. L. Prizer. 2,579,859, Dec. 25.
Apparatus for supplying soluble treating agents to flowing water. E. L. Prizer. 2,546,317, Mar. 27.
Apparatus for supporting and coating golf balls. M. Harris. 2,579,073, Dec. 18.
Apparatus for supporting glass sheets during bending. E. L. Walters. 2,537,803, Jan. 9.
Apparatus for swaging metals. P. T. Bohlander. 2,577,303, Dec. 4.
Apparatus for synchronizing film with sound tape. J. F. Stoltz. 2,567,086, Sept. 4.
Apparatus for synthesizing facsimile signals from coded signals. C. E. Hunt, Jr. 2,575,017, Nov. 13.
Apparatus for taking and developing a series of pictures in sequence on a film strip. P. S. Allen. 2,541,016, Feb. 13.
Apparatus for taking oriented cores in earth formations. L. O. Miller. 2,536,303, Jan. 2.
Apparatus for taking physical measurements in boreholes. S. Krasnow. 2,547,875, Apr. 3.
Apparatus for taper grinding elongated articles. F. C. Julian. 2,575,346, Nov. 20.
Apparatus for taping cores. H. Fitch and R. Gillis. 2,570,929, Oct. 9.

Apparatus for teaching and practicing skiing. R. Ravoire. 2,573,808, Nov. 6.
Apparatus for tempering glass objects, particularly plate glass. J. L. Schrader. 2,553,945, May 22.
Apparatus for tempering glassware. G. D. Mylchreest. 2,563,130, Aug. 7.
Apparatus for tensioning running strands. S. C. Nelson. 2,556,291, June 12.
Apparatus for tentering. F. G. Dodge. 2,577,880, Dec. 11.
Apparatus for testing electric heating devices. C. H. Sparklin. 2,541,121, Feb. 13.
Apparatus for testing electrical contactors. B. A. Raetsch and J. A. Trethewey. 2,573,488, Oct. 30.
Apparatus for testing electrically actuated indicating instruments. C. F. Duerr, Jr. 2,570,781, Oct. 9.
Apparatus for testing fire-resistant material. H. B. Kime. 2,566,338, Sept. 4.
Apparatus for testing gas leakage. H. Lacks. 2,567,215, Sept. 11.
Apparatus for testing gear drives by the method of unilateral gear tooth rolling motion control. D. Ernst. 2,539,239, Jan. 23.
Apparatus for testing magnetic properties of cores. W. C. Young. 2,550,951, May 1.
Apparatus for testing material. C. N. Kimball, W. R. Lewis, and H. A. Strecker. 2,542,928, Feb. 20.
Apparatus for testing paperboard with controlled pressure. R. F. Hollis. 2,565,371, Aug. 21.
Apparatus for testing piezoelectric pressure gauges. C. H. Grogan. 2,539,418, Jan. 30.
Apparatus for testing pipe joints for leaks. V. E. Hamilton, Jr. 2,571,236, Oct. 16.
Apparatus for testing the hardness of materials. A. Ernst. 2,536,632, Jan. 2.
Apparatus for testing thermostatic control devices. J. Youhouse. 2,571,643, Oct. 16.
Apparatus for testing thermostatic controls. L. S. Cooper. 2,552,087, May 8.
Apparatus for the application of finishing materials by dipping. R. F. Wysocki. 2,554,803. May 29.
Apparatus for the combustion of fuel, including a tubular walled combustion chamber. C. A. Bonvillian, R. C Brierly, and S. Letvin. 2,569,446, Oct. 2.
Apparatus for the continuous aftertreatment of flocculent textiles. B. G. de Klerk. 2,539,947, Jan. 30.
Apparatus for the continuous casting of metal slab. I. Rossi. 2,564,723, Aug. 21.
Apparatus for the continuous formation of metal in sheets. J. F. Jordan. 2,544,837, Mar. 13.
Apparatus for the continuous operation of cells for the electrolysis of molten salts. L. Ferrand. 2,560,854, July 17.
Apparatus for the continuous spraying of individual container bodies. J. P. Jakob. 2,576,942, Dec. 4.
Apparatus for the continuous treatment of liquiform comestibles. W. E. Conley, Jr. 2,549,575, Apr. 17.
Apparatus for the decomposition of alkali amalgams. C. Deprez and A. Basilewsky. 2,551,248, May 1.
Apparatus for the dehydration of water-bearing substances. E. P. Wenzelberger. 2,552,525, May 1.
Apparatus for the delivery of predetermined volumes of liquid. M. A. Lipkau. 2,543,321, Feb. 27.
Apparatus for the electrical control of railway track switches. P. Laze. 2,566,945–6, Sept. 4.
Apparatus for the electrolytic oxidation of metallic elements. J. A. Odier. 2,541,275, Feb. 13.
Apparatus for the extrusion of pipe. J. A. Hjulian. 2,549,686, Apr. 17.
Apparatus for the fluid catalytic conversion of different hydrocarbon feeds. G. Orescan. 2,558,194, June 26.
Apparatus for the handling of yarn. H. Von Kohorn. 2,570,172, Oct. 2.
Apparatus for the inspection of tire treads. B. F. McGovern. 2,541,659. Feb. 13.
Apparatus for the liquid treatment of fruits and vegetables. J. F. Hussey and B. S. Johnson. 2,578,427, Dec. 11.
Apparatus for the liquid treatment of packages of yarn. H. O. Naumann. 2,553,106, May 15.
Apparatus for the manufacture of artificial yarns. M. L. Hudson. 2,563,039, Aug. 7.
Apparatus for the manufacture of brick siding. C. G. Muench. 2,559,543, July 3.
Apparatus for the manufacture of denture models. M. Fleischhacker. 2,579,111, Dec. 18.
Apparatus for the manufacture of hardened glass. L. Rembaux and G. M. V. R. Thomassin. 2,569,951, Oct. 2.
Apparatus for the manufacture of iron shot. R. R. Hancox, G. L. Tuer, Jr., and M. J. Stutzman. 2,544,678, Mar. 13.
Apparatus for the manufacture of mercaptobenzothiazole. H. B. H. Cooper and C. E. Mensing. 2,552,260, May 8.
Apparatus for the manufacture of metallized paper for electric condensers. R. A. Grouse. 2,549,966, Apr. 24.
Apparatus for the manufacture of thermoplastic tubes. S. J. Everett. 2,545,729, Mar. 20.
Apparatus for the measurement of radioactivity. J. Hecomovich. 2,567,668, Sept. 11.
Apparatus for the measurement of temperature by color comparison. A. Jagersberger. 2,572,488, Oct. 23.
Apparatus for the mechanical actuation of agricultural implements. J. Parmilleux. 2,550,590, Apr. 24.
Apparatus for the preparation of metal halides. B. McDuffie, A. D. Schelberg, and R. W. Thompson. 2,580,357, Dec. 25.
Apparatus for the preparation of solids containing liquid hydrocarbons. J. P. Labour. 2,557,549, June 19.
Apparatus for the production of air foam and air foam fire-extinguishing installations. G. Clemens and E. Westenfelder. 2,577,451, Dec. 4.
Apparatus for the production of blown-glass articles. H. F. Teichmann. 2,556,237, June 12.
Apparatus for the production of boron. G. H. Fetterley. 2,542,916, Feb. 20.
Apparatus for the purification and drying of gases. M. M. Waller. 2,577,720, Dec. 4.
Apparatus for the recovery of crab meat from bony material by gravity liquid separation. S. G. Harris and R. H. Carrington. 2,545,517, Mar. 20.
Apparatus for the regulation of current in an electrolytic cell. R. J. Perret-Bit. 2,545,412, Mar. 13.
Apparatus for the remote control of a tunable radio frequency converting system. H. B. R. Boosman and E. H. Hugenholtz. 2,541,329, Feb. 13.
Apparatus for the surface coating of web materials. J. I. Nasmith. 2,574,584, Nov. 13.
Apparatus for the surface treatment of girders or other bars. H. Wilmot and C. S. Smith. 2,557,624, June 19.
Apparatus for the treatment of rayon cakes. A. Politzer and H. O. Naumann. 2,553,110, May 15.
Apparatus for the treatment of textiles. W. W. Spooner. 2,571,494, Oct. 16.
Apparatus for the vapor deposition of metals. J. G. Oliver. 2,551,389, May 1.
Apparatus for the vulcanization of plastic materials. J. Šimorda. 2,565,003, Aug. 21.
Apparatus for the washing in bulk of particles of coal and ores by alluviation in washing chutes. A. France. 2,560,429, July 10.
Apparatus for thermal decomposition of metal halides. C. L. Scheer and C. M. McFarland. 2,551,341, May 1.
Apparatus for thermally severing moil from hollow articles of glassware. J. W. Eldred. 2,537,660, Jan. 9.
Apparatus for thermochemically cutting gears. D. A. Schrock. 2,573,653–4, Oct. 30.
Apparatus for thickening liquid slurry stock. J. Baxter, Jr. 2,548,417, Apr. 10.
Apparatus for thickening pulp. J. T. Coghill and H. H. Langdon. 2,561,013, July 17.
Apparatus for tightening caps. W. B. Hullhorst and R. A. Pim. 2,559,358, July 3.
Apparatus for timing relay operations. H. F. Blair. 2,545,541, Mar. 20.
Apparatus for timing the interval between impulses. T. G. Barnes. 2,544,482, Mar. 6.
Apparatus for timing the passage of a liquid. F. A. Faust. 2,546,891, Mar. 27.
Apparatus for transfer of fluids. J. H. Bertin and R. H. Marchal. 2,565,907, Aug. 28.
Apparatus for transferring bottles. E. O. Hiller. 2,575,220, Nov. 13.
Apparatus for transferring loads from pallets to industrial trucks. W. Isler. 2,574,394, Nov. 6.
Apparatus for transferring powdered material. W. K. Carter. 2,569,227, Sept. 25.
Apparatus for transmitting terms to a distance. A. Chevallier. 2,542,627, Feb. 20.
Apparatus for transporting materials. R. W. Gausmann. 2,558,648, June 26.
Apparatus for transversely testing cylindrical members. R. Aubrey, Jr., and A. A. Chambers. 2,578,031, Dec. 11.
Apparatus for traversing draperies and the like. H. Bradley. 2,538,755, Jan. 23.
Apparatus for treating a soap bar. B. A. Wood. 2,538,720, Jan. 16.
Apparatus for treating and dispensing liquids. E. H. Thompson. 2,536,400, Jan. 2.
Apparatus for treating articles. W. Colburn and E. J. Latos. 2,548,948, Apr. 17.
Apparatus for treating asbestos fiber. N. L. Dolbey. 2,563,458, Aug. 7.
Apparatus for treating crude petroleum and other liquids. F. A. Kent and C. W. Patrick. 2,543,242, Feb. 27.
Apparatus for treating fibrous stalks. J. N. Selvig. 2,551,855, May 8.
Apparatus for treating gases. F. L. Hunter. 2,559,720, July 10.
Apparatus for treating grain. D. S. Fernandes. 2,571,555, Oct. 16.
Apparatus for treating granular material. J. J. Mahoney. 2,563,475, Aug. 7.
Apparatus for treating liquids with radiation. W. P. de Stoutz. 2,577,879, Dec. 11.
Apparatus for treating materials. H. W. Bevarly. 2,578,393, Dec. 11.
Apparatus for treating perlite ore. H. Hammond. 2,536,742, Jan. 2.
Apparatus for treating plant material. C. F. Reed. 2,540,348, Feb. 6.
Apparatus for treating synthetic fibers. C. B. Moss. 2,554,537, May 29.
Apparatus for treating the contents of closed containers. G. A. Chissom and A. W. Gordon. 2,569,656, Oct. 2.

Apparatus for treating the surface of articles. J. H. Breisch. 2,552,767, May 15.
Apparatus for treating shaped articles with fluids. W. T. R. Kinraide. 2,568,920, Sept. 25.
Apparatus for treating solids and/or liquids. H. B. Pullar. 2,559,899, July 10.
Apparatus for treating vegetables with hot water and steam. E. Allan. 2,556,385, June 12.
Apparatus for treating windrows. J. L. Ferguson. 2,559,862, July 10.
Apparatus for trimming appendages for pottery ware. N. I. Sebell. 2,558,318, June 26.
Apparatus for trimming molded articles. E. T. Gadd. 2,561,356, July 24.
Apparatus for trimming spherical segments. T. C. Kane. 2,564,364, Aug. 14.
Apparatus for troweling or coating the interior surface of a conduit. W. J. MacEvoy. 2,575,353, Nov. 20.
Apparatus for truing out-of-round can bodies. J. Drygulski. 2,558,741, July 3.
Apparatus for tube bending. A. V. Brogren. 2,565,717, Aug. 28.
Apparatus for turning coils or the like. S. F. Jackes and R. H. Sheets. 2,564,436, Aug. 14.
Apparatus for twisting and winding textile fibers. J. J. Gannon, J. J. Fiscella, C. P. Powell, and T. A. Bramfitt. 2,558,677, June 26.
Apparatus for twisting threads. C. J. Gonsalves. 2,572,135, Oct. 23.
Apparatus for uniform heating with electromagnetic fields. R. B. Nelson. 2,549,511, Apr. 17.
Apparatus for uniting metal to glass. C. M. Browne. 2,577,306, Dec. 4.
Apparatus for unloading cargo through a hatchway. G. L. Hurst. 2,563,651, Aug. 7.
Apparatus for unloading conveyer belts. A. Laprise. 2,569,011, Sept. 25.
Apparatus for unloading pulverulent material from tanks. M. J. Bozich. 2,580,214, Dec. 25.
Apparatus for unloading pulverulent material from transportation tanks. M. J. Bozich. 2,580,215, Dec. 25.
Apparatus for upsetting edges. F. A. Gruetjen. 2,569,522, Oct. 2.
Apparatus for use in detecting the passage of objects. A. R. Carpenter and H. J. N. Riddle. 2,550,970, May 1.
Apparatus for use in finger printing. I. E. Hitt. 2,569,310, Sept. 25.
Apparatus for use in glazing earthenware articles. G. W. Bird. 2,560,270, July 10.
Apparatus for use in planting sweet potatoes. M. R. Pope. 2,571,483, Oct. 16.
Apparatus for use in the delivery of liquids from containers. B. J. Todd and R. E. Turner. 2,540,409, Feb. 6.
Apparatus for use in the manufacture of laminated tubes, tubular insulations, tubular bushings, and like tubular members from flexible strip material. A. A. Hodge. 2,558,849, July 3.
Apparatus for use in the treatment of articles. J. C. Mills. 2,572,743, Oct. 23.
Apparatus for vacuumizing, gassing, and closing containers. A. L. Kronquest. 2,578,815, Dec. 18.
Apparatus for vaporizing heavy liquid fuels. A. le Coënt, H. Guillon, and R. Roubinet. 2,580,179, Dec. 25.
Apparatus for vaporizing liquid anesthetics. J. J. Richards. 2,572,199, Oct. 23.
Apparatus for vaporizing solutions or liquid mixtures and pelleting the residues. D. E. Marshall. 2,561,395, July 24.
Apparatus for varying the volume of discharge of rotary pumps. C. E. Kerr. 2,564,483, Aug. 14.
Apparatus for venting heat transfer units of a steam-heated drying system or the like. C. J. Lahman. 2,561,874, July 24.
Apparatus for venting tire casings. H. H. Clark. 2,561,012, July 17.
Apparatus for viewing stereoscopic motion pictures. A. F. de Lima Campos. 2,553,171, May 15.
Apparatus for viewing stereoscopic pictures. J. Mahler. 2,574,186, Nov. 6.
Apparatus for visual detection of illuminated suspended matter in fluids. A. W. Uhl. 2,549,866, Apr. 24.
Apparatus for vulcanizing pneumatic tires with radio-frequency current. R. S. Enabnit. 2,541,644, Feb. 13.
Apparatus for washing and sterilizing medicinal containers. V. Christina. 2,546,385, Mar. 27.
Apparatus for washing bearings. W. G. Merritt. 2,549,837, Apr. 24.
Apparatus for waxing collapsible tubes. D. J. Palermo. 2,562,871, July 31.
Apparatus for wear indicating and logging while drilling. E. A. Johnson. 2,575,173, Nov. 13.
Apparatus for welding. E. C. Chapman. 2,542,393, Feb. 20.
Apparatus for welding thermoplastic bodies. N. S. Norris. 2,546,164, Mar. 27.
Apparatus for winding. E. K. Bauer. 2,572,904, Oct. 30.
Apparatus for winding electrical coils. J. B. Leece and N. P. Harmon. 2,569,679, Oct. 2.
Apparatus for working sheet material. F. B. Pfeiffer. 2,547,836, Apr. 3.
Apparatus for wrapping plastic confections. J. E. Brandenberger. 2,578,626, Dec. 11.
Apparatus for wrapping string about supporting wires. J. Slangal. 2,541,302, Feb. 13.
Apparatus for yarn twisting. A. L. Ewing. 2,577,571, Dec. 4.
Apparatus having rotatable means for feeding aeratable powdered material from storage and dispensing such material. A. D. Sinden. 2,574,231, Nov. 6.
Apparatus, including gas turbines for the direct driving of vehicles. H. H. L. Sedille. 2,554,593, May 29.
Apparatus, including successive sets of bending rolls for forming plates into tubes. U. Radaelli and E. Bertoli. 2,551,704, May 8.
Apparatus incorporating a cathode-ray device, particularly television receivers. P. R. J. Court. 2,574,245, Nov. 6.
Apparatus materializing the paths of electrified particles moving inside a magnetic field. J. M. Loeb. 2,567,647, Sept. 11.
Apparatus permitting a thermal transformation particularly for isomerization of pinene into dipentene. P. M. Bourdon. 2,551,361, May 1.
Apparatus responsive to abnormally hot conditions in machines. G. H. Fritzinger. 2,552,165, May 8.
Apparatus stabilizing three-phase voltage supplies. E. L. C. White. 2,577,551, Dec. 4.
Apparatus to control the gain of a signal amplifying system. W. G. Amesz. 2,540,313, Feb. 6.
Apparatus to expand and mount solid resilient tires on channelled wheels or rims. R. L. Sherrick. 2,574,195, Nov. 6.
Apparatus to produce fresh water from ocean water. W. A. E. Hult. 2,546,071, Mar. 20.
Apparatus triggered by recorded signals. S. Breen. 2,558,669, June 26.
Apparatus under control of telephone bell that is remotely operated. R. Favre. 2,553,084, May 15.
Apparatus with movably mounted spoon magazine for inserting spoons in cartons. L. Kulpinski. 2,563,728, Aug. 7.
Apparatus with reflector and illuminating means for viewing furnace interiors. C. E. Stevens. 2,571,964, Oct. 16.
Apple preserving method, Natural. A. J. Borck. 2,576,919, Dec. 4.
Apples, Dehydrated. R. W. Callaghan and L. W. Berglund. 2,541,859, Feb. 13.
Appliance for cleaning Venetian blinds. G. Schneider. 2,579,870, Dec. 25.
Appliance for embalming. H. B. Cox. 2,571,207, Oct. 16.
Appliance for gripping and holding flexible material. J. D. Thompson. 2,550,734, May 1.
Appliance for making orthodontic models. S. Ackerman. 2,545,249, Mar. 13.
Appliance for positioning automobile parts for reforming operations. H. W. Porter and W. H. Ferguson. 2,542,836, Feb. 20.
Appliance for removing and installing overhead electric lamps. C. E. Foster. 2,573,002, Oct. 30.
Appliance for sickrooms and other purposes. T. McRae. 2,557,674, June 19.
Appliance for stimulating the process of lactation. G. H. Gascoigne. 2,542,505, Feb. 20.
Appliance for the treatment of the spine. E. Schinman. 2,558,105, June 26.
Appliance for use in sharpening safety razor blades. A. L. Walton. 2,549,148, Apr. 17.
Appliance for vibrating a safety razor. H. F. Partridge. 2,552,688, May 15.
Appliance useful in permanent waving of hair. M. I. Burgess. 2,547,810, Apr. 3.
Application of thermoplastic tape. F. W. Holt, Jr., C. F. Howard, and D. E. Bench. 2,538,520, Jan. 16.
Application of transfers to glass-, ceramic-, and other ware. P. Farrow and F. H. Honey. 2,546,360, Mar. 27.
Applicator. H. E. Curry. 2,546,214, Mar. 27.
Applicator, Adhesive tape. B. A. Rosen. 2,551,168, May 1
Applicator and guard therefor, Coloring or coating. J. C. Lanius, Jr. 2,537,468, Jan. 9.
Applicator, Cosmetic. C. H. Braselton. 2,565,346, Aug. 21.
Applicator, Cuticle remover. A. E. Vaughn. 2,550,890, May 1.
Applicator, Dental sponge. M. J. Bump. 2,568,317, Sept. 18.
Applicator, Dispensing. P. Schroer. 2,565,889, Aug. 28.
Applicator, Fire foam. E. R. Wilkinson and T. H. Richardson. 2,545,983, Mar. 20.
Applicator for an automobile wheel to a wheel drum. J. A. Masheck. 2,555,698, June 5.
Applicator for floor wax, Fountain. E. K. Ploner. 2,551,220, May 1.
Applicator for heat manipulation of the eyes. C. C. Curtis. 2,545,724, Mar. 10.
Applicator for ion traps. L. Hopps. 2,549,602, Apr. 17.
Applicator for paints and the like. A. W. Schaefer. 2,565,743, Aug. 28.
Applicator for radio-frequency heating. W. N. Parker. 2,545,106, Mar. 13.
Applicator for rotary brush-type shoe shining machines, Polish. C. E. Danielson. 2,554,524, May 29.
Applicator for tire building or other machines. L. C. Frazier and F. J. Shook. 2,567,150, Sept. 4.

Applicator for weed-killing liquid. H. A. Chittick. 2,551,096, May 1
Applicator for yarn conditioning liquids. C. F. Dulken, H. C. Sonntag, and G. Westwater. 2,553,815, May 22.
Applicator, hand dauber, and brush, Combined shoe polish. H. M. Schwartz. 2,556,112, June 5.
Applicator head for fountain brushes. A. B. Davies. 2,567,764, Sept. 11.
Applicator, Liquid. L. Sanders and C. Paff. 2,547,287, Apr. 3.
Applicator, Nail polish. J. Elby. 2,568,328, Sept. 18.
Applicator, Paint. M. Bick. 2,548,580, Apr. 10.
Applicator, Shaving cream. A. Gazda. 2,557,221, June 19.
Applicator stick container. J. W. Thomsen. 2,540,304, Feb. 6.
Applicator, Wax distributing. W. J. Lundberg. 2,579,842, Dec. 25.
Applicator with reservoir for liquids. G. Trill. 2,565,104 Aug. 21.
Applying a masking composition to a glass base. D. H. Kennedy. 2,559,969, July 10.
Applying a modified wrinkle finish coating to a base. J. R. Fisher, Jr. 2,576,290, Nov. 27.
Applying annular coatings to light bulbs. C. E. McCoy and W. J. Scott. 2,567,723, Sept. 11.
Applying cover pieces to balls, Method and apparatus for. W. E. Humphrey. 2,536,182, Jan. 2.
Applying decalcomania designs to wrinkle finishes. M. Axelrod. 2,572,967, Oct. 30.
Applying edge veneers to the edges of panels. F. M. Curran, J. D. Quist, and H. C. Geen. 2,565,952, Aug. 28.
Applying electrically conducting coatings to vitreous bases. R. A. Gaiser and J. W. McAuley. 2,567,331, Sept. 11.
Applying end closures to containers. W. A. Ringler. 2,562,579, July 31.
Applying flag type labels to electric cords or other cylindrical articles. A. K. Marsh. 2,543,323, Feb. 27.
Applying flexible covering material to a relatively rigid backing. J. S. Kamborian. 2,576,121, Nov. 27.
Applying liquids to textile fibers, Method and apparatus for. R. S. Hood. 2,568,499, Sept. 18.
Applying markings to wrinkle finish coated bases. W. E. Overton. 2,538,378, Jan. 16.
Applying matrix strips. L. V. B. Eicher. 2,575,800, Nov. 20.
Applying metal foil to paper in strip form. P. A. Sporing and C. P. Johnson. 2,569,785, Oct. 2.
Applying metal to at least one metallic part, Method and installation for. P. Lucas. 2,553,925, May 22.
Applying phosphate coatings, Process and compositions for. P. Amundsen. 2,540,314, Feb. 6.
Applying protective coatings of mica to solid surfaces. M. D. Heyman. 2,568,004, Sept. 18.
Applying wafers to hamburger patties. L. X. Garfunkel. 2,554,821, May 29.
Applying wound covering to elastic thread. A. G. Seifried. 2,579,244, Dec. 18.
Approach control apparatus for railroad block signaling systems. C. E. Staples. 2,555,013, May 29.
Apron. I. R. Phelps. 2,538,471, Jan. 16.
Apron. E. R. Van Staagen. 2,568,421, Sept. 18.
Apron and ejector control for carry-type scrapers. D. E. Murray. 2,567,118, Sept. 4.
Apron and ejector control for earth moving apparatus. L. L. Hyler and M. H. Galbraith. 2,565,850, Aug. 28.
Apron and ejector control linkage for earth movers of the carry type. L. L. Hyler. 2,565,851, Aug. 28.
Apron and pot holder, Combination. I. Ozenberger. 2,570,848, Oct. 9.
Apron, Fisherman's. L. E. Ferrand. 2,538,677, Jan. 16.
Apron for scrapers. B. E. Lindquist. 2,565,384, Aug. 21.
Apron for use on textile machines, Rub. E. L. Howell. 2,553,456, May 15.
Apron machine for treating hides and similar pieces of work, Rotatable. A. R. Abbott. 2,553,537, May 22.
Apron movement for carry type scrapers. A. A. Vereschagin. 2,548,754, Apr. 10.
Apron, Protective. A. L. Pietrowicz. 2,563,956, Aug. 14.
Aquarium, Heated. A. Mahle. 2,566,990, Sept. 4.
Aquatic device. H. L. Root. 2,577,917, Dec. 11.
Aquatic device for bathers, Rider propelled. R. E. Jones. 2,542,143, Feb. 20.
Aqueous acid fluoride compositions. J. L. Staubly and W. A. Millsaps. 2,558,013, June 26.
Aqueous colloidal dispersions of polymers. K. L. Berry. 2,559,752, July 10.
Aqueous colloidal dispersions of polytetrafluoroethylene and the formation of shaped structures therefrom. K. L. Berry. 2,559,750, July 10.
Aqueous dispersion of a pigmented alkyd resin. W. A. Waldie. 2,543,211, Feb. 27.
Aqueous dispersions of copolymers of vinyl esters, neutral ethylenic polyesters, and acrylic acid, and making, Stable. W. E. Lundquist. 2,570,253, Oct. 9.
Aqueous dispersions of dichloro-diphenyl trichloroethane. A. H. Nease. 2,556,820, June 12.
Aqueous emulsion and making it. A. J. Watters and D. M. Shepherd. 2,550,211, Apr. 24.
Aqueous emulsion polymerization of styrene in the presence of a salt of dehydroabietic acid. J. N. Borglin and P. A. Ray. 2,569,449, Oct. 2.
Aqueous emulsion polymerization with low initial soap concentration. J. A. Davison and W. R. Dunn. 2,579,908, Dec. 25.
Aqueous emulsions of cellulose esters. C. L. Crane. 2,563,708, Aug. 7.
Aqueous medium with phenol-aldehyde condensation product as emulsifying agent. R. J. Wolf. 2,564,291, Aug. 14.
Aqueous methionine nitrile sulfate. W. F. Gresham and C. E. Schweitzer. 2,564,105, Aug. 14.
Aqueous polychloroprene adhesives and preparing the same. A. D. Macdonald and S. L. Sprague. 2,550,834, May 1.
Aqueous polyvinyl acetate emulsion paints and preparing same. G. O. Morrison. 2,567,678, Sept. 11.
Aqueous sizing compositions. H. B. Goldstein and A. S. Waldman. 2,565,962, Aug. 28.
Aqueous solutions of polyvinyl acetate derivatives, Production of. R. R. Lyne. 2,555,049, May 29.
Aqueous solutions of riboflavin. M. R. Zentner. 2,571,326, Oct. 16.
Aqueous solutions of vitamin A esters. A. L. Rawlins. 2,541,285, Feb. 13.
Aqueous suspension polymerization in the presence of methyl hydroxypropyl cellulose as granulating agent. J. L. Schick. 2,538,051, Jan. 16.
Aralkyl cyanides, Preparation of. J. K. Dixon. 2,553,404, May 15.
Arbor, Motor. M. P. Laughlin. 2,544,096, Mar. 6.
Arc-back counter. G. L. Usselman. 2,557,848, June 19.
Arc discharge device, Concentrated. W. D. Buckingham. 2,541,028, Feb. 13.
Arc extinguishing attachment for airbreak switches. T. F. Johnson. 2,572,625, Oct. 23.
Arc extinguishing device. J. W. Kalb. 2,555,971, June 5.
Arc extinguishing material. R. H. Amundson and H. V. Dryer. 2,545,596, Mar. 20.
Arc interrupter for electric switches. L. H. Matthias. 2,575,060, Nov. 13.
Arc lamp. W. F. Weisheit. 2,536,242, Jan. 2.
Arc lamp and the like. A. Bergmann. 2,569,917, Oct. 2.
Arc-over protective system for high-frequency heating systems. J. E. Walstrom. 2,548,246, Apr. 10.
Arc prevention system. P. M. G. Toulon. 2,571,076, Oct. 9.
Arc-spinning arrester, High-voltage. R. R. Pittman. 2,569,192, Sept. 25.
Arc starting device, Enclosed. H. B. Deri. 2,545,345, Mar. 13.
Arc transferring means for switchgears. A. C. Kelle. 2,548,220, Apr. 10.
Arc, Ventilated. E. Gretener. 2,540,256, Feb. 6.
Arc welder interrupter. A. F. Hessler, N. P. Boretti, and K. Sarafian. 2,573,020, Oct. 30.
Arc welding apparatus. G. G. Landis and N. J. Hoenie. 2,536,294, Jan. 2.
Arc welding apparatus. G. G. Landis and N. J. Hoenie. 2,569,476, Oct. 2.
Arc welding apparatus, Electric. J. R. Penrose and J. A. Donelan. 2,543,668, Feb. 27.
Arc welding electrode holder. C. J. Holslag. 2,540,204, Feb. 6.
Arc Welding, Gas blanketed. F. J. Pilia. 2,550,495, Apr. 24.
Arc welding system. D. C. Girard and F. T. Roach. 2,573,901, Nov. 6.
Arc welding system. W. L. Roberts. 2,558,102, June 26.
Arc welding system. W. L. Roberts. 2,561,995, July 24.
Arc welding system, Alternating current. D. C. Girard. 2,555,481, June 5.
Arcuate-edged discharge opening for hopper, and an arcuate closure for said opening. A. H. Stockmar. 2,577,927, Dec. 11.
Arch construction. W. C. Martin and D. K. MacLeod. 2,536,759, Jan. 2.
Arch support. J. Guest. 2,553,451, May 15.
Arch support. C. B. Sheridan. 2,559,262, July 3.
Arch-supporting counter for shoes. M. Sibulkin and M. Sibulkin, Jr. 2,562,514, July 31.
Arch supporting device. A. Lavinthal. 2,546,827, Mar. 27.
Archer's sight. B. E. Fredrickson. 2,545,454, Mar. 20.
Archery sight. B. E. Fredrickson. 2,542,501, Feb. 20.
Architectural model construction set. M. D. Schwartz. 2,559,261, July 3.
Ar-cyclohexylstyrene and polymer thereof. D. T. Mowry, and R. B. Seymour. 2,572,572, Oct. 23.
Arecoline, Production of. J. Levy. 2,569,182, Sept. 25.
Arm and wheel for lawn mowers. T. J. Stahl. 2,546,279, Mar. 27.
Arm, Artificial. C. F. Bender. 2,536,868, Jan. 2.
Arm cap release for reclining backs of coach seats. E. W. Hollis. 2,560,796, July 17.
Armchair, Folding. R. L. Jensen. 2,567,111, Sept. 4.
Armrest. J. M. Allen, Sr. 2,569,436, Oct. 2.
Armrest. F. J. Collins. 2,563,922, Aug. 14.
Armrest. C. B. Doty. 2,563,222, Aug. 7.
Armrest. C. B. Doty. 2,565,211, Aug. 21.
Armrest. J. W. Smith. 2,569,834, Oct. 2.
Armrest and heat shield, Combination. L. W. Atwater. 2,577,561, Dec. 4.
Armrest for automobile seats, Detachable. H. S. Drake. 2,545,545, Mar. 20.

Armrest for automobiles and trucks. A. J. Buck. 2,567,840, Sept. 11.
Armrest for automobiles, Portable. N. G. Schuessler. 2,572,526, Oct. 23.
Armrest for motor vehicles, Portable. D. F. and H. T. Fincher. 2,560,791, July 17.
Armrest for seats. H. B. Goodman. 2,541,756, Feb. 13.
Arm shackle. C. O. Parker. 2,559,514, July 3.
Armature for phonograph pickups, Segmented magnetic. G. L. Miller. 2,553,715, May 22.
Armature lock. C. W. McCarty and F. B. Jennings. 2,542,692, Feb. 20.
Armature reaction control for alternators. C. L. Brown. 2,560,718, July 17.
Armature winding machine. E. W. Collins. 2,561,562, July 24.
Arming device for mines, Delayed. L. E. Kissinger. 2,551,608, May 8.
Arming mechanism, Adjustable. J. Rabinow. 2,558,000, June 26.
Armor. A. Rose and G. J. Merritt. 2,562,951, Aug. 7.
Armor block construction. J. E. Biery. 2,571,006, Oct. 9.
Armor plate and making same. J. W. Kinnear, Jr. 2,562,467, July 31.
Aromatic acid synthesis. W. H. C. Rueggeberg, R. K. Frantz, and A. Ginsburg. 2,552,591, May 15.
Aromatic amine thiocyanate-aldehyde condensate products, Manufacture of. T. E. Robbins. 2,578,742, Dec. 18.
Aromatic and heterocyclic diazosulfones. J. A. Sprung and W. A. Schmidt. 2,540,057, Jan. 30.
Aromatic compositions and treating lactone material to prepare them. J. C. Hillyer and J. T. Edmonds. 2,572,563, Oct. 23.
Aromatic compounds, Halogenated. S. D. Ross and M. Markarian. 2,564,214, Aug. 14.
Aromatic diamines as coupling components for the formation of photographic azine dyestuff images. W. A. Schmidt and J. A. Sprung. 2,543,338, Feb. 27.
Aromatic diazonium fluorides and corresponding aromatic fluorides, Manufacture of. W. J. Shenk, Jr. and G. R. Pellon. 2,563,796, Aug. 7.
Aromatic disulfides, Preparation of. H. W. Marson. 2,571,740, Oct. 16.
Aromatic sulfide and the resultant products, Producing. A. D. Macallum. 2,538,941, Jan. 23.
Aromatic sulfones, Preparation of. E. C. Ladd. 2,573,580, Oct. 30.
Aromatics from petroleum distillates, Preparation of. E. T. Layng. 2,545,153, Mar. 13.
Aroylacetamidine. J. M. Smith, Jr., and B. Roth. 2,543,341, Feb. 27.
Arrangement for applying chemicals and minerals for therapeutical purposes. F. Schwab, 2,539,036, Jan. 23.
Arrangement for automatically disengaging a mechanism by stop action. V. Nouzák. 2,560,238, July 10.
Arrangement for automatically steering a ship on a predetermined course. J. A. Dias. 2,541,217, Feb. 13.
Arrangement for counting electrical impulses. F. H. Bray and L. R. Brown. 2,549,769, Apr. 24.
Arrangement for detecting, measuring, or directly using for control purposes, the time derivatives of space. L. E. W. Montrose-Oster. 2,551,502, May 1.
Arrangement for determining distance by means of electromagnetic waves. P. K. Chatterjea and L. W. Houghton. 2,546,973, Apr. 3.
Arrangement for determining distances by reflection of electrical pulses. W. A. Beatty. 2,542,983, Feb. 27.
Arrangement for disconnecting switching equipment from telephone lines. F. Kessler. 2,541,589, Feb. 13.
Arrangement for drawing sand and sand mixtures from a container. H. Tütsch. 2,543,344, Feb. 27.
Arrangement for night watchman controls. L. F. B. Ahlberg and S. T. F. Sundberg. 2,559,746, July 10.
Arrangement for prevention of corrosion in precipitators. A. U. Wästvind and K. H. Andersson. 2,565,106, Aug. 21.
Arrangement for regulating the voltage of a galvanic bath. J. Kälin. 2,578,251, Dec. 11.
Arrangement for selecting electric pulses of given width. P. K. Chatterjea. 2,579,473, Dec. 25.
Arrangement for the identification of potential differences. R. M. M. Oberman and A. Snyders. 2,577,147, Dec. 4.
Arrangement for transmitting electric signals occupying a wide frequency band over narrow band circuits. S. S. Hill. 2,576,115, Nov. 27.
Arrangement for withdrawing cigarettes from a feed stock, their alignment, grouping and insertion into sleeves, boxes, or the like. J. Bašus. 2,551,199, May 1.
Arrangement in electrical air blast circuit breakers. H. Forwald. 2,542,650, Feb. 20.
Arrangement in high-tension disconnecting switches. H. Forwald. 2,562,027, July 24.
Arrangement in rapid reclosing compressed air circuit breakers. H. Forwald. 2,573,256, Oct. 30.
Arrangement of load carrier and lifting mechanism for trucks. F. Stoner. 2,560,608, July 17.
Arrangement of the air inlet to the carburetor of air-cooled engines with the cylinders in V. R. Březek. 2,571,828, Oct. 16.
Arrangement of trunk lock and license plate on motor vehicles. H. C. Flacke. 2,575,211, Nov. 13.
Arrangement on roofs of vehicles, vessels, and buildings in order to facilitate the loading and unloading of goods. N. I. Schwalbe. 2,575,565, Nov. 20.
Arrangements of labyrinth packing for a rotary type of fluid-pressure apparatus. T. Clark and J. H. C. Atkins. 2,553,442, May 15.
Arrester. W. C. Hasselhorn and J. S. Baker. 2,559,426, July 3.
Arrester, Button type. J. S. Baker. 2,545,867, Mar. 20.
Arresting the polymerization of chloroprene. J. R. Goertz. 2,576,009, Nov. 20.
Arrow. G. M. Butler. 2,540,387, Feb. 6.
Arrow. R. B. Evatt. 2,570,782, Oct. 9.
Arrow construction. A. R. Ferguson. 2,540,079, Feb. 6.
Arrowhead assembly. B. H. Steinbacher. 2,568,417, Sept. 18.
Arrowhead construction, Interlocked multiplate. J. C. Ramsey. 2,549,235, Apr. 17.
Arrow holding attachment or rack for hunting bows. J. C. Ramsey. 2,575,126, Nov. 13.
Arrow, Hunting. B. Cohen. 2,554,012, May 22.
Arrow-shaped slide fastener. P. Natzler and R. I. Prupis. 2,573,046, Oct. 30.
Arsenical compounds and obtaining the same. L. A. Sweet and E. W. Tillitson. 2,566,382, Sept. 4.
Arsenical compounds and obtaining the same. E. W. Tillitson. 2,566,383, Sept. 4.
Arsenical insecticide safened with zinc sulfite. A. A. Nikitin. 2,540,210, Feb. 6.
Article arranging. W. S. Reynolds and J. R. Turner. 2,538,706, Jan. 16.
Article assorting machine. M. W. Warren. 2,571,977, Oct. 16.
Article carrier. E. L. Arneson. 2,543,821, Mar. 6.
Article carrier for washing machines and tray therefor. L. M. Kahn. 2,574,149, Nov. 6.
Article carrying lanyard. J. R. Strykower. 2,572,889, Oct. 30.
Article controlled adjustment for packaging apparatus. J. A. Kay. 2,550,928, May 1.
Article controlled release mechanism for postal franking machines. K. O. Odèn. 2,567,493, Sept. 11.
Article conveying and timing mechanism. C. A. Heyne and J. R. Johnson. 2,571,036, Oct. 9.
Article conveying machine. R. E. J. Nordquist and J. E. Socke. 2,578,733, Dec. 18.
Article dispenser. T. J. Foley and G. W. Emmert. 2,562,180, July 31.
Article dispenser. G. T. Kitahara. 2,565,030, Aug. 21.
Article dispenser. N. F. Smith. 2,541,945, Feb. 13.
Article feed device. K. J. Yost, W. S. Reynolds, and J. R. Turner. 2,547,551, Apr. 3.
Article feeding apparatus. H. L. Louden. 2,545,888, Mar. 20.
Article feeding means. K. J. Yost. 2,570,903, Oct. 9.
Article feeding mechanism. D. V. Waters and N. Zuck. 2,543,538, Feb. 27.
Article forming apparatus. H. W. David and M. L. Svikhart. 2,562,702, July 31.
Article handling and sorting apparatus. H. H. Merwin and D. V. Waters. 2,546,314, Mar. 27.
Article handling apparatus. W. H. Emerson. 2,555,227, May 29.
Article holding clip. R. Williams. 2,547,424, Apr. 3.
Article holding device. G. H. Myrick and R. H. Bremer. 2,555,053, May 29.
Article isolating shipping container. G. Loth. 2,553,418, May 15.
Article of apparel. R. M. Ronstadt. 2,566,706, Sept. 4.
Article of baby furniture, Combination. I. E. Adams. 2,567,752, Sept. 11.
Article of footwear. H. L. Whitman. 2,539,761, Jan. 30.
Article of footwear, Spring cushioned. W. Benner, Jr. 2,552,393, May 8.
Article of footwear with gathered vamp member. L. P. Carpenter. 2,536,723, Jan. 2.
Article of furniture and bed, Combination. J. Rosen. 2,568,366, Sept. 18.
Article of furniture and hoisting and transporting device therefor. W. Pivovaroff. 2,553,939, May 22.
Article of furniture, Foldable reclining. A. Lorenz. 2,571,463, Oct. 16.
Article of furniture, Reclining. A. Lorenz. 2,536,195, Jan. 2.
Article of furniture, Reclining. A. Lorenz. 2,575,880–1, Nov. 20.
Article of furniture, Reclining. A. Lorenz. 2,576,465–6, Nov. 27.
Article of furniture, Reclining. A. Lorenz. 2,578,311, Dec. 11.
Article of furniture, Reclining. A. Lorenz. 2,578,708, Dec. 18.
Article of furniture, Reclining. A. Lorenz. 2,579,502, Dec. 25.
Article of hosiery. P. L. Thurston. 2,573,117, Oct. 30.
Article of manufacture and method. O. J. De Sylva. 2,563,316, Aug. 7.
Article orienting mechanism. C. P. Slagle. 2,572,773, Oct. 23.
Article pack. E. L. Shepard. 2,575,192, Nov. 13.
Article packaging device. G. C. McKoy. 2,554,713, May 29.
Article packaging machine. W. S. Reynolds, G. E. Bange, and J. R. Turner. 2,555,861, June 5.

Article separating and feeding device. W. Pechy. 2,542,053, Feb. 20.
Article sorting apparatus. N. A. Siegal. 2,570,395, Oct. 9.
Article spacing means. N. F. Armstrong and J. A. Tweddell. 2,549,281, Apr. 17.
Article stacker. H. P. Curlee. 2,571,840, Oct. 16.
Article support for electroplating racks. M. S. Schneider. 2,562,683, July 31.
Article suspending support. H. R. Berglund. 2,537,957, Jan. 16.
Article testing and sorting appartus. S. V. Smith. 2,567,741, Sept. 11.
Article that is useful for treating feet. E. Birkle. 2,565,751, Aug. 28.
Article timing and indexing mechanism. R. E. J. Nordquist and J. Foris. 2,570,265, Oct. 9.
Article transfer mechanism. S. C. Petrilli. 2,546,951, Mar. 27.
Article transfer mechanism. J. A. Stake. 2,561,541, July 24.
Article treating and plating apparatus. E. S. Collick. 2,562,084, July 24.
Article with water-sensitive gum coating and manufacture. R. L. Smith and M. A. Wight, Jr. 2,577,821, Dec. 11.
Articles comprising cellulose, Manufacture of. W. A. Sisson and M. M. Cruz, Jr. 2,538,279, Jan. 16.
Articles of food, Manufacture of. E. E. Lindsey. 2,536,649, Jan. 2.
Articulated finger, Segmented. M. J. Fletcher. 2,545,452, Mar. 20.
Articulated grain car door. A. J. Ferrell and P. J. McEnroe, Jr. 2,549,301, Apr. 17.
Articulated locomotive frame. J. N. Green. 2,556,914, June 12.
Articulated railway vehicle. J. MacVeigh. 2,559,540, July 3.
Articulator, Dental. L. L. Shore. 2,549,339, Apr. 17.
Artificial arm. M. Fishbein, M. J. Nagy, and D. M. Threewit. 2,537,338, Jan. 9.
Artificial arm. M. J. Maguth. 2,557,792, June 19.
Artificial arm. G. M. Motis. 2,540,374, Feb. 6.
Artificial arm hook. J. K. Northrop. 2,537,368, Jan. 9.
Artificial arm hook or hand with force multiplier and lock. G. M. Motis. 2,540,375, Feb. 6.
Artificial arm with elbow lock and selective control of forearm flexion or hook operation. J. D. Chapman and L. J. Stevenson. 2,572,914, Oct. 30.
Artificial bait. T. E. Candioto. 2,578,041, Dec. 11.
Artificial bait. R. Carter, Jr. 2,574,529, Nov. 13.
Artificial bait. R. J. Flynn. 2,579,377, Dec. 18.
Artificial bait. K. H. Reed. 2,572,817, Oct. 23.
Artificial bait. B. O. Smith. 2,575,139, Nov. 13.
Artificial bait body. C. E. Key. 2,542,776, Feb. 20.
Artificial bait casting or trolling fishing lure. S. Nickel. 2,573,592, Oct. 30.
Artificial bait for fishing. J. Graaten. 2,556,533, June 12.
Artificial breast. W. O. Kausch. 2,543,499, Feb. 27.
Artificial bust. H. M. Herbener. 2,563,241, Aug. 7.
Artificial cryolite free from silica, Preparation of. F. Sciacca and L. Notarbartolo. 2,573,282, Oct. 30.
Artificial denture. I. M. Funderburg, Jr. 2,572,714, Oct. 23.
Artificial denture. J. D. Kinsley. 2,570,562, Oct. 9.
Artificial dentures. H. Freedman. 2,555,403, June 5.
Artificial eye. F. W. Jardon. 2,571,721, Oct. 16.
Artificial eye. A. Yuhas. 2,551,781, May 8.
Artificial eye and forming the same. J. S. Galeski. 2,563,462, Aug. 7.
Artificial eye comprising an eye implant and a connecting support for an eye-simulating member. J. H. Wilson. 2,572,416, Oct. 23.
Artificial fish bait. F. A. Arbogast. 2,561,040, July 17.
Artificial fish lure. R. F. Alderman. 2,575,609, Nov. 20.
Artificial flower article. B. F. Miller and B. S. Owen. 2,566,950, Sept. 4.
Artificial fly. W. F. and D. I. Sivey. 2,547,788, Apr. 3.
Artificial foot and ankle joint. H. C. Campbell. 2,551,724, May 8.
Artificial hair forming device. P. Eiberle. 2,542,645, Feb. 20.
Artificial hand. W. M. Drennon. 2,556,524, June 12.
Artificial hand. W. J. Philpott. 2,568,298–9, Sept. 18.
Artificial hand, Mechanical. J. H. Simpson. 2,549,716, Apr. 17.
Artificial hand with articulated fingers and passively positioned thumb. H. L. Mason. 2,553,827, May 22.
Artificial hand with worm and gear drive to thumb. M. Fishbein and L. J. Stevenson. 2,549,074, Apr. 17.
Artificial horizon having gyroscope control means. S. J. Catravas. 2,567,053, Sept. 4.
Artificial insemination device. J. H. Coles and W. D. Davies. 2,572,987, Oct. 30.
Artificial insemination device. G. J. Propp. 2,566,632, Sept. 4.
Artificial leg. G. Guzey. 2,543,908, Mar. 6.
Artificial leg. M. A. McIntyre. 2,570,581, Oct. 9.
Artificial leg and knee joint therefor. J. A. Mazzola. 2,573,347, Oct. 30.
Artificial leg (thigh muscle knee lock control). J. G. Catranis. 2,568,051, Sept. 18.
Artificial leg with controlled knee locking means. U. K. Henschke and H. A. Mauch. 2,561,370, July 24.
Artificial limb. W. G. Farrar, Jr. 2,542,316, Feb. 20.
Artificial limb. H. G. Hanson. 2,559,017, July 3.
Artificial limb. R. R. Hydorn. 2,545,146, Mar. 13.
Artificial limb. C. N. Pace and E. O. Decker. 2,559,044, July 3.
Artificial limb. W. J. Philpott. 2,568,297, Sept. 18.
Artificial limb. C. M. Ryan. 2,578,019, Dec. 11.
Artificial limb. H. Schultz. 2,542,436, Feb. 20.
Artificial limb construction. J. H. F. Stewart. 2,578,854, Dec. 18.
Artificial limb joint. W. M. Drennon. 2,556,525, June 12.
Artificial limb knee joint. C. A. Renfro. 2,563,618, Aug. 7.
Artificial limb mechanism. B. Peters. 2,542,567, Feb. 20.
Artificial lure and leader protector and holder. P. Martinson. 2,559,780, July 10.
Artificial lure for casting. K. G. Caen. 2,555,435, June 5.
Artificial materials, Production of. W. I. Taylor. 2,542,166, Feb. 20.
Artificial molar teeth. R. O. Dickson. 2,548,956, Apr. 17.
Artificial oestrogenic compounds and products obtained thereby, Preparing. A. Horeau and J. Jacques. 2,547,123, Apr. 3.
Artificial pneumatic hand. J. Felip and A. Biasi. 2,545,947, Mar. 20.
Artificial porphyry or artificial granite and the product thereof, Manufacture of. I. Orsini. 2,572,510, Oct. 23.
Artificial protein fibers, Production of. R. L. Wormell. 2,541,804, Feb. 13
Artificial protein threads, filaments, and the like, Production of. R. L. Wormell. 2,541,803, Feb. 13.
Artificial rosebud flower. A. Gentile. 2,552,274, May 8.
Artificial snow machine. R. M. Shearman. 2,571,069, Oct. 9.
Artificial teeth. W. D. Raber. 2,549,636, Apr. 17.
Artificial teeth. M. Zilinski. 2,539,882–3, Jan. 30.
Artificial tooth. E. W. Baumgardner. 2,574,810, Nov. 13.
Artificial transmission line network. P. Robinson and W. M. Allison. 2,565,093, Aug. 21.
Artificially reproducing the actions of the heart and blood circulation and the factors controlling the same. E. Roucka. 2,556,043, June 5.
Artillery ammunition training round. G. S. Bluford and C. W. Musser. 2,541,025, Feb. 13.
Aryl dicarboxylic acids, Preparation of. J. L. Darragh and R. J. Miller. 2,563,820, Aug. 14.
Aryl esters of 4-chlorobenzene sulfonic acid. E. C. Britton and H. R. Slagh. 2,567,008, Sept. 4.
Aryl-glycinedialkylamides. W. F. Bruce and J. Seifter. 2,568,142, Sept. 18.
Arylhalosilanes, Production of. A. J. Barry. 2,572,302, Oct. 23.
Aryl 6-tetrahydropyranyl ethers, Substituted. R. R. Whetstone. 2,574,444, Nov. 6.
Arylsulfonyl derivatives of pteroylglutamic acid and intermediates therefor. D. I. Weisblat and B. J. Magerlein. 2,562,223, July 31.
Arylthioalkanoamides and their preparation. J. A. King and F. H. McMillan. 2,568,011, Sept. 18.
Aryl-(2-pyridyl)-amino alkanes and their production. N. Sperber, D. Papa, and E. Schwenk. 2,567,245, Sept. 11.
Asbestos and producing same, Free filtering. W. M. Perry. 2,568,023, Sept. 18.
Asbestos-cement sheet products, Method and apparatus for manufacturing. W. Reinecker. 2,550,862, May 1.
Asbestos-containing material, Manufacturing. P. P. Peyrot and P. J. Chevalier. 2,546,474, Mar. 27.
Asbestos sheet material and manufacture. H. W. Greider and M. F. Smith. 2,567,558–9, Sept. 11.
Aseptic canning. L. V. E. Clifcorn. 2,575,863, Nov. 20.
Ash collector with shredding means. W. E. Hentschel. 2,561,275, July 17.
Ash receiver. B. H. de Haven. 2,558,827, July 3.
Ash receiver. A. T. Hagerty and Y. W. Ehret. 2,568,151, Sept. 18.
Ash receiver. C. Hendricks. 2,548,533, Apr. 10.
Ash receiver. J. G. Rosenbaum. 2,563,750, Aug. 7.
Ash receiver. V. Savage. 2,539,166, Jan. 23.
Ash receiver, Drawer type. C. Hendricks. 2,553,138, May 15.
Ash receiver, Safety. R. G. Fox. 2,558,551, June 26.
Ash receptacle. C. A. T. Agee. 2,575,857, Nov. 20.
Ash receptacle. W. E. Burnett. 2,575,441, Nov. 20.
Ash tray. G. S. Bunch, Jr. 2,545,019, Mar. 13.
Ash tray. C. B. Clapp. 2,576,572, Nov. 27.
Ash tray. A. G. Wheler. 2,536,480, Jan. 2.
Ash tray and extinguisher, Combined. F. N. Durbin. 2,559,188, July 3.
Ash tray and glass holder. C. K. Brown, Jr. 2,554,136, May 22.
Ashtray and glass holder attachment for tables. R. J. and W. E. Barbour. 2,562,443, July 31.
Ash tray and holder for cigars, cigarettes, and the like, Combination. W. Schwiering. 2,564,313, Aug. 14.
Ash tray, Cigarette extinguishing. W. C. Marley. 2,541,929, Feb. 13.
Ash tray for chair arms, Built-in tubular. C. L. Mosher and R. N. Owler. 2,549,114, Apr. 17.
Ash tray for motor vehicles, Self-emptying. J. D. Thompson. 2,559,178, July 3.
Ash tray, Resilient openable top. S. N. Bonanos. 2,573,391, Oct. 30.
Ash tray, Windproof. J. A. Cadrain. 2,574,813, Nov. 13.

Asphalt-base laminating adhesive. R. H. Cubberley, L. P. Hill, and W. J. Mohr. 2,578,001, Dec. 11.
Asphalt coating, Fire resistant. F. B. Burns and M. S. Larrison. 2,569,399, Sept. 25.
Asphalt compositions, Producing. C. Mack. 2,545,963, Mar. 20.
Asphalt pelletizer. G. B. Mollring. 2,562,149, July 2.
Asphalt resin compositions. D. W. Young, J. D. Garber, and W. J. Sparks. 2,549,558, Apr. 17.
Asphalt suspension, Pumpable powdered. H. F. Dague. 2,579,652, Dec. 25.
Asphalt tile cutter. F. I. White. 2,572,791, Oct. 23.
Aspirating dissector. H. M. Kirschbaum. 2,555,493, June 5.
Assaying solid catalysts. C. A. Boyd and J. Hirschfelder. 2,573,245, Oct. 30.
Assembler star wheel clutch. L. B. Lucy. 2,551,498, May 1.
Assembling apparatus. J. C. Hroch, Jr. 2,563,468, Aug. 7.
Assembling apparatus. C. A. Nichols, L. E. Poole, D. G. Mahoney, and M. D. McShurley. 2,568,248, Sept. 18.
Assembling device and application thereof. C. De la Source. 2,571,545, Oct. 16.
Assembling fixture. B. P. Girard and B. A. Raetsch. 2,573,432, Oct. 30.
Assembling tool joints. R. W. Brown. 2,539,056, Jan. 23.
Assembling torque converters. E. E. Ensign. 2,542,913, Feb. 20.
Assembly for tiltably mounting a circular saw on an arbor. E. J. Warren. 2,544,814, Mar. 13.
Assembly machine, Box end. H. J. Goff. 2,548,527, Apr. 10.
Assembly of shells of containers. A. F. Reilly and F. Gengenbach. 2,568,512, Sept. 18.
Association on flying machine of compressor-jet units with ram-jet units. M. Roy. 2,577,919, Dec. 11.
Astringent, antiperspirant, and making. T. Govett and M. L. Almquist. 2,571,030, Oct. 9.
Asymmetrical trigger circuit. A. H. Dickinson. 2,551,104, May 1
Athletic balls, Making. W. T. Brown. 2,579,294, Dec. 18.
Athletic trunks, Men's. M. G. Monroe and P. Haberfeld. 2,565,082, Aug. 21.
Atomizer. J. Belinkine. 2,575,786, Nov. 20.
Atomizer. S. M. Croce. 2,578,463, Dec. 11.
Atomizer. E. L. Hadden. 2,561,570, July 24.
Atomizer. V. C. Hall. 2,564,400, Aug. 14.
Atomizer. D. J. Peeps, J. B. Schmitt, and C. C. Daggett. 2,540,010, Jan. 30.
Atomizer. G. Steinberg. 2,572,213, Oct. 23.
Atomizer and suction device, Combined. H. A. Miller. 2,566,806, Sept. 4.
Atomizer case. E. S. Tupper. 2,578,907, Dec. 18.
Atomizer for perfume and like liquids. H. A. Simpson and A. A. Bamberger. 2,576,195, Nov. 27.
Atomizer, Garbage and outdoor-toilet lid. O. Henrikson. 2,540,447, Feb. 6.
Atomizer, Insecticide. H. R. Rich. 2,550,164, Apr. 24.
Atomizer, Nonclogging. P. P. Fracchione. 2,538,416, Jan. 16.
Atomizer, Normally sealed. E. Lipman. 2,575,632, Nov. 20.
Atomizer of single piece construction. R. Morris. 2,571,921, Oct. 16.
Atomizer or carburetor, Liquid fuel. E. P. Sharp. 2,562,826, July 31.
Atomizer, Perfume. A. J. Bruneau. 2,543,829, Mar. 6.
Atomizer, Pocket. W. I. Nissen. 2,539,155, Jan. 23.
Atomizer, Pocket type. F. Poreber. 2,536,214, Jan. 2.
Atomizer, Pulverized coal. E. E. Hewitt. 2,545,518, Mar. 20.
Atomizer with impinging streams. J. E. Evans. 2,553,562, May 22.
Atomizer with means for concealing plungers and nozzles. W. A. Cotter. 2,568,057, Sept. 18.
Atomizer, Variable output. R. F. M. Waeselynck. 2,540,970, Feb. 6.
Atomizing apparatus. D. D. Peebles. 2,574,705, Nov. 13.
Atomizing device. H. A. Altorfer. 2,536,832, Jan. 2.
Attaching a panel to a surface. F. T. Grothouse and C. Frere. 2,543,626, Feb. 27.
Attaching airplane propeller deicer shoes. R. W. Brown. 2,560,026, July 10.
Attaching decorative panels to wall surfaces. S. D. Bosco. 2,549,164, Apr. 17.
Attaching flexible sheets to articles. A. C. Hoven. 2,553,043, May 15.
Attaching means and assembly method for slotted tube and tip member of a mechanical pencil. C. N. Johnson. 2,544,759, Mar. 13.
Attaching means for adapter sprockets. G. Chamberlain. 2,575,582, Nov. 20.
Attaching means for carbon paper packs or the like. R. A. Kohut. 2,565,031, Aug. 21.
Attaching means for masking strips. J. Isaac and A. C. Rissberger, Jr. 2,544,883, Mar. 13.
Attaching printing members to cylinders of printing presses. G. S. Rowell and H. McGeorge. 2,579,517, Dec. 25.
Attaching stays to cloth. E. F. McTighe. 2,538,699, Jan. 16.
Attaching wing tip fuel tanks to airplanes. H. E. Michael. 2,547,226, Apr. 3.
Attachment for airbrushes. I., G., and S. Chasan. 2,550,404, Apr. 24.
Attachment for applying disinfectant to toilet seats. L. L. Hartman. 2,551,882, May 8.
Attachment for articulators. A. J. Naggi. 2,571,280, Oct. 16.
Attachment for automobile tops, Rain-drain. O. J. Blanchet. 2,544,580, Mar. 6.
Attachment for automobiles, Carrier. D. F. Hack. 2,541,244, Feb. 13.
Attachment for baby carriages, Runner. J. Ballentine. 2,539,686, Jan. 30.
Attachment for band saws, Protective guard. C. E. Howe, Jr. 2,538,456, Jan. 16.
Attachment for beds, Drawer. H. G. Zuk. 2,538,549, Jan. 16.
Attachment for box-covering machines. M. V. Silby. 2,574,126–7, Nov. 6.
Attachment for brushes and combs. A. I. Dombitsky. 2,553,242, May 15.
Attachment for camera shutters, External flash synchronizing. P. J. M. Richartz. 2,546,319, Mar. 27.
Attachment for cameras. M. Liss. 2,553,661, May 22.
Attachment for capacitor winding machines. W. H. Roberts. 2,572,663, Oct. 23.
Attachment for caps, Loss preventing. R. Wiinikka. 2,547,353, Apr. 3.
Attachment for ceramic combustion chambers. F. Christenson. 2,548,421, Apr. 10.
Attachment for children's vehicles, Canopy. D. Hall. 2,539,951, Jan. 30.
Attachment for chiropractic tables, Footrest lift. A. V. Fenander. 2,543,451, Feb. 27.
Attachment for chucking machines, Cutoff. E. R. Hansen. 2,536,175, Jan. 2.
Attachment for claw hammers. D. K. M. McLean. 2,541,372, Feb. 13.
Attachment for claw hammers, Fulcrum. D. K. M. McLean. 2,553,102, May 15.
Attachment for coke-igniting devices, Treating-material injection. D. E. Mason. 2,540,002, Jan. 30.
Attachment for combines, Grain unloading. A. L. Chandler. 2,541,984, Feb. 20.
Attachment for controlling weeds in cotton. G. L. White. 2,580,145, Dec. 25.
Attachment for converting semiautomatic firearms to full automatic. S. J. Ketterer. 2,572,872, Oct. 30.
Attachment for curtain or drapery rods. E. J. Husarik. 2,546,601, Mar. 27.
Attachment for cutting tables. T. McDowell. 2,559,982, July 10.
Attachment for dental drills, Light. J. D. Goldis and L. J. Harbaugh. 2,539,828, Jan. 30.
Attachment for digging postholes and the like. R. J. Piper. 2,578,834, Dec. 18.
Attachment for domestic boilers. F. P. Robinson. 2,545,242, Mar. 13.
Attachment for drawing compasses. W. F. Jamison and C. W. Van Buren. 2,537,058, Jan. 9.
Attachment for drills, Saw. A. M. Leitzel. 2,544,461, Mar. 6.
Attachment for drinking glasses, Animated. E. N. Genovese. 2,547,312, Apr. 3.
Attachment for dual wheels, Antiskid. B. Silver. 2,557,241, June 19.
Attachment for electric handsaw supporting and driving units, Sanding and polishing. E. J. Strandberg. 2,544,810, Mar. 13.
Attachment for electric razors, Haircutting. B. P. Sandlie. 2,547,288, Apr. 3.
Attachment for endgate seeders, Wagon-box. W. L. Boettger. 2,536,532, Jan. 2.
Attachment for engine manifolds, Starting. J. L. Holmes. 2,538,455, Jan. 16.
Attachment for engraving machines, Pen holding. A. J. Masi. 2,557,447, June 19.
Attachment for filling and draining fuel tanks. R. H. Davies. 2,548,354, Apr. 10.
Attachment for fishing poles, Signal. L. G. Leyda. 2,549,694, Apr. 17.
Attachment for fishing reels, Antibacklash. E. W. Peterson. 2,546,776, Mar. 27.
Attachment for flatirons, Ruffle ironing. E. R. Lowe. 2,549,319, Apr. 17.
Attachment for floor sanders or the like. F. C. Cooke. 2,544,377, Mar. 6.
Attachment for fly and casting rods. S. J. Paris. 2,561,289, July 17.
Attachment for folding fans, Operating. S. L. Keene and R. T. Palmer. 2,542,199, Feb. 20.
Attachment for forming machines, Cutter guide. L. J. Siepe. 2,549,024, Apr. 17.
Attachment for garden rakes, Cleaning. J. T. Perzynski. 2,539,590, Jan. 30.
Attachment for golf clubs. F. W. Hetzel. 2,543,722, Feb. 27.
Attachment for grain drills, Rotary spreader. A. H. and V. M. Oswald. 2,545,747, Mar. 20.
Attachment for grinding machines. S. J. Kopec. 2,574,110, Nov. 6.
Attachment for guitars, Collapsible music holding. K. Krarup. 2,546,757, Mar. 27.
Attachment for hair driers, Miniature loud-speaker. A. W Antone. 2,541,980, Feb. 20.

Attachment for hammers, Nail holding. L. R. Watters and F. Schaefer. 2,542,603, Feb. 20.
Attachment for hand-operated freight trucks, Cargo-retaining. D. W. Sherman. 2,569,118, Sept. 25.
Attachment for harvesters with swingably mounted bag supports, Bagger. S. D. Pool, and E. L. Faust. 2,551,461, May 1.
Attachment for harvesting combines, Fan. W. E. Schoth. 2,557,235, June 19.
Attachment for holding cross braces to end frame scaffolding. V. W. Meng and J. Huck. 2,561,938, July 24.
Attachment for hospital beds. M. Allyn. 2,536,707, Jan. 2.
Attachment for ice skates. J. C. Matchett. 2,536,382, Jan. 2.
Attachment for irons, Electric cord. G. A. Holland and H. H. Schott. 2,536,996, Jan. 2.
Attachment for irons, Ruffle and lace doily. M. E. Langdon. 2,545,621, Mar. 20.
Attachment for ladders, Platform. J. Kurmer. 2,553,322, May 15.
Attachment for lathes, Electric duplicator. H. J. Siekmann and H. C. Kemper. 2,553,984, May 22.
Attachment for lathes, Hydraulic duplicating shaping and turning. M. Turchan and C. Walker. 2,538,604, Jan. 16.
Attachment for leg braces, Toe lift. J. C. McIntyre. 2,536,454, Jan. 2.
Attachment for lifting and deflecting plants. F. L. Barney. 2,542,617, Feb. 20.
Attachment for links, Closing. W. L. Brown. 2,550,038, Apr. 24.
Attachment for mechanical beaters, Flour sifting. D. W. Peterson. 2,537,852, Jan. 9.
Attachment for mechanically agitating ice cream while being frozen in home freezers. F. A. Anderson. 2,555,624, June 5.
Attachment for milk bottles, Valved pouring. W. S. Fuld. 2,545,350, Mar. 13.
Attachment for multiple rotary band cutters, Sharpening. P. Crissey. 2,537,512, Jan. 9.
Attachment for multiple shuttle looms for preventing fouling of the filling threads. C. A. Cannon. 2,570,764, Oct. 9.
Attachment for outboard motors, Steering. L. T. Murphy, Jr. 2,553,204, May 15.
Attachment for pneumatic elevators, Wagon unloading. W. R. Peterson and E. R. Johnson. 2,569,191, Sept. 25.
Attachment for power tools, Belt sander. E. C. Ruehle. 2,538,044, Jan. 16.
Attachment for power vehicles, Rotary brush sweeper. H. E. Milz and J. J. Sichman, Jr. 2,548,676, Apr. 10.
Attachment for printing presses, Cutting. L. R. Addington. 2,543,219, Feb. 27.
Attachment for rakes. H. S. Rhett. 2,553,474, May 15.
Attachment for record controlled machines, Column printing. L. N. Curtis. 2,550,786, May 1.
Attachment for revolving equipment. C. A. Thompson. 2,545,122, Mar. 13.
Attachment for rib-knitting machines, Loop cutting. J. N. Gilbreath. 2,543,574, Feb. 27.
Attachment for roller conveyers, Driving. I. S. Eggleston. 2,553,964, May 22.
Attachment for rotary impact tools. M. H. Boden. 2,540,161, Feb. 6.
Attachment for rubber tired tractors, Antiskid. L. J. Larsen. 2,536,554, Jan. 2.
Attachment for sewing machines, Button sewing. A. Mosberg. 2,549,920, Apr. 24.
Attachment for sewing machines, Hemstitching. J. P. Enos. 2,553,514, May 15.
Attachment for sewing machines, Reverse stitch. P. J. Stuster and G. H. Epstein. 2,539,759, Jan. 30.
Attachment for sewing machines, Trimming. V. J. Sigoda. 2,540,355, Feb. 6.
Attachment for sewing machines, Work-guiding. F. W. Breul. 2,547,562, Apr. 3.
Attachment for shapers, Automatic variable feed. L. A. Vassakos. 2,548,180, Apr. 10.
Attachment for shears and the like. W. Zacrep. 2,553,697, May 22.
Attachment for shot guns and rifles, Slide action. J. W. Raymond. 2,552,214, May 8.
Attachment for shower fixtures, Spray control. J. Samson and H. Masonek. 2,539,976, Jan. 30.
Attachment for sleds, Wheel. J. C. Pintak. 2,549,003, Apr. 17.
Attachment for spinning frames. J. H. Riddle and W. G. Reed. 2,560,476, July 10.
Attachment for spools of thread. J. H. Erickson. 2,542,758, Feb. 20.
Attachment for steam irons, Refill. G. F. Kolodie. 2,550,825, May 1.
Attachment for stock and die implements, Pipe reaming and burring. T. A. Caliendo. 2,547,195, Apr. 3.
Attachment for stringed musical instruments. R. O. Adams. 2,555,388, June 5.
Attachment for sweeper nozzles, Cleaning. S. F. Crabb. 2,544,489, Mar. 6.
Attachment for tanks through which the tank may be filled. E. C. Hartley and C. P. Dahl. 2,548,368, Apr. 10.
Attachment for tapping holes, screwing up studs, and like operations. J. Dodd. 2,540,513, Feb. 6.
Attachment for telephone-handset handles, Luminescent. E. F. Nelson. 2,539,266, Jan. 23.
Attachment for telephones. A. M. Hutchinson. 2,538,458, Jan. 16.
Attachment for the ends of electric bus bar ducts. C. B. Turton. 2,572,218, Oct. 23.
Attachment for the spindle housings of drill presses. J. G. Polk. 2,567,856, Sept. 11.
Attachment for the take-up bar of a sewing machine. D. L. Webster, III. 2,550,628, Apr. 24.
Attachment for the wheels of agricultural implements, Guard. F. Huggler. 2,551,744, May 8.
Attachment for toilet tanks. E. R. Bowden. 2,545,338, Mar. 13.
Attachment for tools, Spirit level. T. C. Kennedy. 2,541,366, Feb. 13.
Attachment for tractors. R. L. Davies. 2,554,900, May 29.
Attachment for tractors and the like, Loading. D. F. Pitcher and R. A. Dewey. 2,546,199, Mar. 27.
Attachment for tractors, Box. F. Richardson. 2,551,901, May 8.
Attachment for tractors, Cultivator. T. J. Leonard. 2,557,443, June 19.
Attachment for tractors, Ditching and terracing. L. S. Berry. 2,548,139, Apr. 10.
Attachment for tractors, Pusher. C. H. Huff. 2,553,320, May 15.
Attachment for tractors, Reverse scoop. B. F. Arps. 2,548,461, Apr. 10.
Attachment for tractors, Shovel. V. J. Holopainen. 2,543,496, Feb. 27.
Attachment for tractors, Trench digging. J. S. Larkin. 2,550,071, Apr. 24.
Attachment for tractors, Two-way plow. J. G. Lindeman. 2,543,786, Mar. 6.
Attachment for tractors, Utility mixer. E. J. Lesniak. 2,545,236, Mar. 13.
Attachment for tractors, Wood saw. C. L. Cook and J. R. Spurling. 2,536,910, Jan. 2.
Attachment for transporting boats, Wheeled. F. T. Newell. 2,551,040, May 1.
Attachment for tricycles, velocipedes, and the like, Auxiliary load-carrying. D. S. Livingston. 2,544,963, Mar. 13.
Attachment for typewriters or like printing mechanisms for producing offsetting of printed impressions. M Kissell. 2,544,998, Mar. 13.
Attachment for use in servicing screw-threading taps. S. H. Rollason. 2,578,842, Dec. 18.
Attachment for use on French type telephones, Hearing aid. R. E. King. 2,544,027, Mar. 6.
Attachment for vacuum cleaners. C. H. MacFarland and N. H. Hammink. 2,563,541, Aug. 7.
Attachment for vehicle hoists, Wheel elevating. R. E. Johnson. 2,552,974, May 15.
Attachment for vehicle jacks, Wheel. W. H. G. Slaymaker. 2,546,909, Mar. 27.
Attachment for vehicle, Slip-preventing. C. J. Jensen. 2,553,712, May 22.
Attachment for vehicle sun visors, Glare shield. W. H. Sauer. 2,538,384, Jan. 16.
Attachment for vehicle ventilator windows, Screen. H. H. Baggs. 2,544,003, Mar. 6.
Attachment for vehicles, All-purpose lift. H. B. Hutchings. 2,551,745, May 8.
Attachment for vehicles, Jack. G. W. Marshall and J. B. Scapiliati. 2,549,321, Apr. 17.
Attachment for waistbands. H. G. McCormick. 2,562,386, July 31.
Attachment for wheels, Counterbalancing. R. C. McCrorey. 2,548,842, Apr. 10.
Attachment means for aircraft components. G. Snyder. 2,538,433, Jan. 16.
Attachment of preformed blocks to wall studs. C. A. Stoldt. 2,547,347, Apr. 3.
Attachment of soles to footwear. R. Ashworth. 2,578,218, Dec. 11.
Attachment plug. J. E. Flood. 2,537,819–20, Jan. 9.
Attachment plug. J. E. Flood, W. J. Fitzgerald, and C. H. Wilmot. 2,551,934, May 8.
Attemperator. J. Fletcher and E. C. Huge. 2,550,683, May 1.
Attemperator regulating the temperature of superheated vapor. C. H. Sparks. 2,568,567, Sept. 18.
Attenuating circuit. R. W. Olson. 2,557,888, June 19.
Attenuator. A. J. Hyatt. 2,548,024, Apr. 10.
Attenuator for electric circuits. I. A. F. Hood and W. G. Lumb. 2,536,501, Jan. 2.
Attenuator for very high frequency waves. H. F. Mataré. 2,548,116, Apr. 10.
Attenuator, High-frequency. E. Feenberg. 2,538,771. Jan. 23.
Attenuator, Ultra-high-frequency. J. V. Hupcey. 2,567,-210, Sept. 11.
Attenuator without phase shift, Rotatable. A. G. Fox. 2,542,185, Feb. 20.
Audible piston position indicator. J. V. Spadola. 2,579,710, Dec. 25.
Audio compression system. M. R. Winkler. 2,572,900, Oct. 30.
Audio level control apparatus, Automatic. W. W. McGoffin. 2,551,150, May 1.

Audio level indicator. R. G. Nuckolls. 2,575,358, Nov. 20.
Audio output system, Transformerless. H. F. Olson. 2,548,235, Apr. 10.
Audio signal modifying apparatus. R. C. Moses. 2,580,376, Dec. 25.
Audiometer. H. M. Bach. 2,555,390, June 5.
Audiometer. S. N. Reger. 2,537,911, Jan. 9.
Auger rock drill bit. F. L. Cory and E. A. Hayden. 2,558,341, June 26.
Auger-type drill bit. O. Phipps. 2,578,593, Dec. 11.
Aureotracin, a compound of aureomycin and bacitracin, Production of. H. Welch. 2,572,897, Oct. 30.
Autocondensation products of an aryloxy aminotriazine. F. C. Schaefer. 2,560,825, July 17.
Auto focus enlarger. J. Rabinow. 2,568,762, Sept. 25.
Autofocus enlarger. A. Tlusty. 2,555,460, June 5.
Auto jack. S. T. Romeo. 2,571,615, Oct. 16.
Auto radiator hanger clamp. H. B. Fechter. 2,552,417, May 8.
Auto radiator hanger clamp. H. B. Fechter. 2,575,412, Nov. 20.
Auto truck, Self-loading and unloading. J. W. Daniels. 2,576,001, Nov. 20.
Automatic accounting device. E. W. Flint and A. E. Joel, Jr. 2,572,804, Oct. 23.
Automatic adjusting mechanism for brakes. G. L. Smith. 2,570,398, Oct. 9.
Automatic adjustment for disk brakes. W. H. Du Bois. 2,551,252, May 1.
Automatic air volume control for liquid supply systems. E. M. Deters. 2,578,050, Dec. 11.
Automatic and manually operated clutch. C. H. Richards. 2,544,107, Mar. 6.
Automatic and progressive change-speed gear. J. Martin. 2,573,472, Oct. 30.
Automatic and trap laying nest. J. A. Birky. 2,539,052, Jan. 23.
Automatic antidetonation system. F. J. Wiegand and E. F. Pierce. 2,560,262, July 10.
Automatic approach control system. C. M. Perkins, Sr. and A. Bennett. 2,575,890, Nov. 20.
Automatic arc welding with coated electrodes. W. Senft. 2,562,132–3, July 24.
Automatic back water valve. C. H. Hyer. 2,554,053, May 22.
Automatic balancing means for unbalanced rotary bodies. R. E. Cornwell. 2,555,678, June 5.
Automatic bank of elevator cars. D. Santini, P. C. Keiper, and W. H. Esselman. 2,573,932, Nov. 6.
Automatic battery for looms. A. J. Fiset and C. D. Brown. 2,566,880, Sept. 4.
Automatic bromine water feeder. H. Waterman. 2,577,054, Dec. 4.
Automatic carton feeder. J. L. Ferguson. 2,573,324, Oct. 30.
Automatic change-over and indicator valve. A. W. Chandler. 2,578,042, Dec. 11.
Automatic change-over valve. P. S. Atkinson. 2,549,409, Apr. 17.
Automatic chime and Christmas tree holder. G. Eckhardt, Jr. 2,568,995, Sept. 25.
Automatic choke. M. J. Kittler. 2,564,114, Aug. 14.
Automatic chuck. W. H. Heaton, Jr. 2,578,245, Dec. 11.
Automatic circuit breaker. F. J. M. Theunissen. 2,551,303, May 1.
Automatic comparator for records. R. F. Badgley, W. A. Wilken, and C. Tietig. 2,580,270, Dec. 25.
Automatic contrast control system for television apparatus. A. V. Loughren. 2,547,648, Apr. 3.
Automatic control and indicating system for crafts. F. W. Meredith and F. R. Milsom. 2,546,555, Mar. 27.
Automatic control circuit. W. S. Moul. 2,541,477, Feb. 13.
Automatic control for air to be heated in air-heating furnaces. C. L. Lund. 2,551,956, May 8.
Automatic control for gas turbines. P. Fortescue. 2,542,499, Feb. 20.
Automatic control for tire building machines. T. C. Jones. 2,555,343, June 5.
Automatic control for transfer molding presses. G. B. Sayre. 2,566,857, Sept. 4.
Automatic control for vacuum brewers. R. W. Kelley. 2,539,541, Jan. 30.
Automatic control for wave forms. B. E. Denton. 2,574,732, Nov. 13.
Automatic control of electric locomotives. L. Heidmann. 2,538,868, Jan. 23.
Automatic control of machinery or other devices. A. J. O. A. Salmont. 2,554,124, May 22.
Automatic control of selectors by register potential matching. W. Pouliart. 2,547,043, Apr. 3.
Automatic control of variable physical characteristics. A. Callender and A. B. Stevenson. Re. 23,366, May 22.
Automatic control system, Radio pulse-echo. R. G. Pelton. 2,552,579, May 15.
Automatic deluge valve. H. N. Rider. 2,575,469, Nov. 20.
Automatic depth control for presses. G. B. Bickelhaupt, Jr. 2,561,169, July 17.
Automatic distillation apparatus. A. H. Garrison and F. B. Rolfson. 2,577,615, Dec. 4.
Automatic doffing motion for spinning doubling and winding frames. E. J. V. Rigg. 2,564,280, Aug. 14.
Automobile door handle. C. F. Kramer. 2,573,028, Oct. 30.
Automatic double shuttle loom. E. L. Roullard. 2,562,509, July 31.
Automatic draft controlled brake. F. E. Machamer. 2,574,406, Nov. 6.
Automatic drifting valve. E. P. Kelly. 2,544,793, Mar. 13.
Automatic electric transfer fancy loom. J. Stuer. 2,576,244, Nov. 27.
Automatic electrical control for furnaces and fire alarms. W. Kagan. 2,567,112, Sept. 4.
Automatic electromagnetic drain valve. E. H. Wright. 2,564,873, Aug. 21.
Automatic electromagnetic switch. E. and C. A. McMullen. 2,549,323, Apr. 17.
Automatic equalizer. S. A. Van Mierlo. 2,556,242, June 12.
Automatic feed mechanisms. R. E. Price. 2,570,592, Oct. 9.
Automatic feeding device. Z. L. White and W. Buchal. 2,561,255, July 17.
Automatic filler. T. A. St. Clair. 2,544,734, Mar. 13.
Automatic filter valve. A. C. Barnebl. 2,563,205, Aug. 7.
Automatic fishing reel. J. W. White, Jr. 2,577,552–5, Dec. 4.
Automatic flow regulator. T. R. Smith. 2,568,519, Sept. 18.
Automatic focusing circuit. R. H. Hoglund, G. E. Hulstede, and A. J. Yakutis. 2,548,791, Apr. 10.
Automatic freight car. F. G. Holmes. 2,546,507, Mar. 17.
Automatic frequency and phase control system. E. H. Hugenholtz. 2,574,482, Nov. 13.
Automatic frequency control. R. A. Braden. 2,570,758, Oct. 9.
Automatic frequency control circuit. N. W. Parker. 2,561,817, July 24.
Automatic frequency control for television receivers. C. R. Edelsohn. 2,545,346, Mar. 13.
Automatic frequency control system. E. Durand and L. M. Hollingsworth. 2,562,304, July 31.
Automatic frequency control system. J. Halpern and R. V. Pound. 2,564,005, Aug. 14.
Automatic frequency control system. H. R. Summerhayes, Jr. and P. W. Howells. 2,580,254, Dec. 25.
Automatic frequency control system. A. E. Whitford. 2,555,175, May 29.
Automatic-frequency-control system for an oscillator. E. H. Hugenholtz. 2,564,205, Aug. 14.
Automatic frequency-control system for frequency-modulation television systems. W. P. Boothroyd and W. H. Forster. 2,552,140, May 8.
Automatic frequency corrected transmission system. J. H. Hammond, Jr. 2,578,541, Dec. 11.
Automatic friction lock. B. B. Junkunc. 2,563,040, Aug. 7.
Automatic gain control circuit. D. H. Black. 2,559,587, July 10.
Automatic gain control circuit. H. A. Robinson. 2,570,715, Oct. 9.
Automatic gain control circuit. E. R. Toporeck. 2,539,042, Jan. 23.
Automatic gain control for pulse amplifiers. F. H. Harris, Jr. 2,570,233. Oct. 9.
Automatic gain control system. E. L. Clark. 2,569,289, Sept. 25.
Automatic gate. W. Benke. 2,561,683, July 24.
Automatic gate. C. C. Chandler. 2,543,893, Mar. 6.
Automatic gate. H. W. Stevens. 2,537,486. Jan. 9.
Automatic gate latch. C. M. Hunter and W. W. Wingo. 2,571,452, Oct. 16.
Automatic hardness tester. F. L. Pearson and A. E. Spaulding. 2,554,206, May 22.
Automatic hay baler control. G. and C. C. Dodds. 2,576,784, Nov. 27.
Automatic humidity regulating means for rooms. M. J. Snyder. 2,560,006, July 10.
Automatic hydraulic-mechanical follow-up control system. J. P. Anderson. 2,547,552, Apr. 3.
Automatic hydraulically operated control valve. J. M. and F. H. Towler. 2,561,431, July 24.
Automatic injection feed appliance for rivets and headed fastenings. B. T. Holter. 2,569,891, Oct. 2.
Automatic jacket and weight shifter for snap flask mold conveyers. F. R. Pollard and C. M. Young, Jr. 2,575,123, Nov. 13.
Automatic lathe headstock reciprocating means. A. Bechler. 2,574,775, Nov. 13.
Automatic load control for disk harrows. W. J. Preising and C. T. Ray. 2,565,664, Aug. 28.
Automatic locking coupling pin. F. E. Milner. 2,558,907, July 3.
Automatic lubricated plug valve. O. Jacobsen. 2,565,609, Aug. 28.
Automatic machine for metering and applying adhesive to diaphragms. W. A. Schneider. 2,571,065, Oct. 9.
Automatic machine for sequentially immersing machine parts in successive cleaning liquids. A. and J. Aiello. 2,559,921, July 10.
Automatic means for opening and closing gates or doors. H. M. Purnel. 2,563,365, Aug. 7.

Automatic mechanism for controlling the operation of machines. R. C. Marcy and R. R. Perron. 2,565,566, Aug. 28.
Automatic molten glass level control apparatus. M. G. Kretzmer, Jr. 2,565,136, Aug. 21.
Automatic oil tank switch. F. Guyton. 2,560,104, July 10.
Automatic opening and closing container. J. A. Yerkes. 2,546,915, Mar. 27.
Automatic or manually actuated hydraulic jack. W. G. Tucker. 2,546,203, Mar. 27.
Automatic overhead door. K. E. Johanson. 2,568,808, Sept. 25.
Automatic paddle wax and tallow heater. J. J. Gendron. 2,563,021, Aug. 7.
Automatic phasing in facsimile systems. P. E. Volz. 2,537,610, Jan. 9.
Automatic pickup device. P. Blaire. 2,579,539, Dec. 25.
Automatic picture phasing circuit. H. W. G. Salinger. 2,543,066, Feb. 27.
Automatic poise operating means for weighing scales. L. R. Culver. 2,541,915, Feb. 13.
Automatic position plotter. A. C. Omberg. 2,569,328, Sept. 25.
Automatic positioning means for machine-tool supports and other supports. C. B. De Vlieg and E. E. Stegner. 2,561,346, July 24.
Automatic poultry feeder. L. Chard. 2,538,413, Jan. 16.
Automatic poultry feeder. O. J. Weist. 2,571,637, Oct. 16.
Automatic press. E. Cannon and J. N. Heater. 2,543,759, Mar. 6.
Automatic pressure control system for pneumatic tires. W. R. Paul. 2,579,048, Dec. 18.
Automatic pressure switch. O. H. Simmons. 2,547,050, Apr. 3.
Automatic pressure, temperature, and vacuum relief valve. E. W. Work. 2,553,347, May 15.
Automatic rafter square. H. C. Heiskell. 2,574,035, Nov. 6.
Automatic range gate. H. M. Stearns. 2,543,072, Feb. 27.
Automatic range tracking circuit. E. F. MacNichol, Jr. 2,577,536, Dec. 4.
Automatic rate of speed-change signal system. D. V. Healy. 2,572,144, Oct. 23.
Automatic reel for fishing lines. L. E. Totusek and G. T. Quam. 2,561,714, July 24.
Automatic registration of component color images. A. N. Goldsmith. 2,568,543, Sept. 18.
Automatic relief valve. J. D. E. Venning. 2,563,200, Aug. 7.
Automatic resetting timing switch. R. H. Hickey. 2,548,604, Apr. 10.
Automatic restoring mechanism for alarm clock shutoff. E. L. Gordon. 2,541,817, Feb. 13.
Automatic restoring mechanism for alarm-clock shutoffs. E. L. Gordon. 2,548,362, Apr. 10.
Automatic roll adjustment. J. B. Sutton. 2,556,120, June 5.
Automatic safety shutoff system for gas burners comprising two latching means. F. M. Wolfe. 2,555,433, June 5.
Automatic screen. G. Ditta. 2,539,122, Jan. 23.
Automatic sealing gate valve. A. S. Volpin. 2,570,413, Oct. 9.
Automatic selecting switch. D. P. Long. 2,541,593, Feb. 13.
Automatic selector control system. G. Deakin. 2,559,601, July 10.
Automatic setup box. K. T. Buttery. 2,538,860, Jan. 23.
Automatic severing of sheets from a band of glass, Process and apparatus for. M. H. M. L. Ramain. 2,560,305, July 10.
Automatic shifting mechanism for hydraulic-mechanism transmissions. A. F. Hulick. 2,560,870, July 17.
Automatic shutdown arrangement for document copying apparatus. A. E. Schubert, H. P. Hintz, and J. F. Egan. 2,552,220, May 8.
Automatic shutoff valve. T. E. Parrish. 2,570,372, Oct. 9.
Automatic soldering iron. G. L. Flanagan. 2,576,393, Nov. 27.
Automatic sole laying press. I. Galper. 2,543,771, Mar. 6.
Automatic spark control in supercharged spark ignition engines. W. Ostling. 2,538,377, Jan. 16.
Automatic speed and feed change mechanism for machine tools. H. B. Soule and G. W. Smithson. 2,574,301, Nov. 6.
Automatic speed control for rail-guided vehicles. D. E. Sunstein. 2,576,424, Nov. 27.
Automatic starting and stopping of Diesel engines. R. E. S. Swam. 2,579,130, Dec. 18.
Automatic starting system for internal-combustion engines. F. J. Perhats. 2,579,958, Dec. 25.
Automatic steady rest for grinding machines. H. A. Silven. 2,567,620, Sept. 11.
Automatic step control of current. G. H. Williams. 2,540,638, Feb. 6.
Automatic stitch length adjusting mechanism. C. W. Johnson. 2,538,565, Jan. 16.
Automatic stock feeding mechanism for lathes. S. L. Casella. 2,559,941, July 10.
Automatic stop for calculating machines. G. W. Hopkins and J. L. Moody. 2,580,298, Dec. 25.
Automatic stop mechanism for record changers. S. A. Stolberg. 2,578,378, Dec. 11.
Automatic stopping and time delay for mixer motors. H. Waterstone. 2,564,553, Aug. 14.
Automatic strand feed regulator. K. H. Andren. 2,560,204, July 10.
Automatic switch. E. W. Jones and O. A. Pearce. 2,578,071, Dec. 11.
Automatic switch control circuit. M. E. Griffins. 2,576,220, Nov. 27.
Automatic synchronization of oscillators. E. H. Hugenholtz. 2,572,343, Oct. 23.
Automatic system for checking receipt of telegraph messages in numerical order. E. F. Watson. 2,570,505, Oct. 9.
Automatic teat cup release device for milking machines. A. G. Perkins. 2,572,658, Oct. 23.
Automatic telephone message accounting system. J. W. Dehn and E. Vroom. 2,579,729, Dec. 25.
Automatic telephone system involving separate operator and subscriber register sender apparatus. H. W. Balzer J. E. Ostline. 2,569,650, Oct. 2.
Automatic temperature control apparatus. P. E. Bjork. 2,563,304, Aug. 7.
Automatic tensioning device. L. H. Scott. 2,564,132, Aug. 14.
Automatic time valve. E. R. Joynes. 2,549,909, Apr. 24.
Automatic tire pressure switch. K. T. Fuehring. 2,565,073, Aug. 21.
Automatic trailer brake actuator. D. D. Mayhew. 2,562,280, July 31.
Automatic trailer coupling. J. R. Gosser. 2,547,313, Apr. 3.
Automatic transfer machine tool. H. T. R. Hanitz. 2,576,341, Nov. 27.
Automatic transmission. E. J. Farkas. Re. 23,436, Dec. 4.
Automatic transmission. E. J. Farkas. 2,566,518–19, Sept. 4.
Automatic transmission. E. J. Farkas and J. W. Rackle. 2,568,798, Sept. 25.
Automatic transmission. G. W. Jessup. 2,564,848, Aug. 21.
Automatic transmission. J. B. Polomski. 2,567,446, Sept. 11.
Automatic traverse stop and tool retractor. C. A. Baillod. 2,568,977, Sept. 25.
Automatic two-speed drive. J. Hulman and C. L. Sadler, Jr. 2,537,057, Jan. 9.
Automatic type fusing valve. W. A. Hopkins. 2,562,190, July 31.
Automatic valve. L. C. Barling. 2,550,441, Apr. 24.
Automatic valve control means. A. Stadler. 2,564,133, Aug. 14.
Automatic variable speed and reverse hydraulic transmission. O. J. Eisele. 2,574,819, Nov. 13.
Automatic volume control. W. F. Kannenberg. 2,564,437, Aug. 14.
Automatic volume control circuit. O. L. MacSorley. 2,563,052, Aug. 7.
Automatic water valve. N. F. Toadvine. 2,541,622, Feb. 13.
Automatic web guiding apparatus. I. L. Fife. 2,562,026, July 24.
Automatic winder machine attachment. G. Pait. 2,557,995, June 26.
Automatic window latch. J. R. Burbridge. 2,563,209, Aug. 7.
Automatic window lock. P. F. Foley. 2,556,720, June 12.
Automatic window washer. F. G. Holmes. 2,569,635, Oct. 2.
Automatic work abrading apparatus. R. G. Hall and S. M. Hill. 2,576,787, Nov. 27.
Automatically adjustable rotary turbine-type hydraulic coupling. M. W. Miller. 2,544,713, Mar. 13.
Automatically adjusting brake. P. A. Driscoll. 2,536,269, Jan. 2.
Automatically adjusting brake. W. H. Du Bois. 2,551,251, May 1.
Automatically adjusting brake. W. H. Du Bois. 2,551,253, May 1.
Automatically adjusting the stroke of locomotive piston valves. J. F. McQuilkin. 2,553,860, May 22.
Automatically and intermittently feeding blanks of cardboard or similar sheet material. F. K. Daniels. 2,569,976, Oct. 2.
Automatically controlled washing apparatus. E. K. Clark. 2,575,704, Nov. 20.
Automatically injecting fuel into engines. E. B. Marr. 2,579,687, Dec. 25.
Automatically lighted ash receptacle. W. J. Todhunter. 2,555,716, June 5.
Automatically making rectangular sheets of fabric, Method and apparatus for. E. C. Newell. 2,546,831, Mar. 27.
Automatically opening and closing lifting hook. F. R. Loney. 2,574,835, Nov. 13.
Automatically operable snap-acting switch. E. J. Dillman. 2,548,877, Apr. 17.

Automatically partitioned carrier device. W. A. Ringler. 2,563,620, Aug. 7.
Automatically variable resistance electrical device. D. E Fritz. 2,572,330, Oct. 23.
Automobile and window washer. L. R. Rich. 2,564,031, Aug. 14.
Automobile attachable coat hanger support. W. Schwartz. 2,549,712, Apr. 17.
Automobile attachable garment hanger. N. L. Ellison. 2,557,537, June 19.
Automobile body construction. B. J. Brown. 2,580,156, Dec. 25.
Automobile body side and roof assembly. C. B. Doty and T. Vigmostad. 2,563,221, Aug. 7.
Automobile body trim. J. S. Judd. 2,553,504, May 15.
Automobile bracket. H. J. Secord. 2,549,391, Apr. 17.
Automobile clothes hanger. E. G. Brant. 2,537,507, Jan. 9.
Automobile clothes hanger support. R. R. McPherson. 2,548,992, Apr. 17.
Automobile clothes rack. D. B. Hennessy. 2,573,102, Oct. 30.
Automobile crash pad. C. L. Straith. 2,560,009, July 10.
Automobile door joint scuff plate. T. H. Core. 2,542,181, Feb. 20.
Automobile door lock. T. A. Scanlan. 2,546,703, Mar. 27.
Automobile door safety lock. C. W. Hummer. 2,564,600, Aug. 14.
Automobile engine carburetor choke valve. M. J. Kittler and A. G. Winter. 2,538,569, Jan. 16.
Automobile fishing pole holder. J. W. Jensen. 2,578,067, Dec. 11.
Automobile, Flying. T. P. Hall. 2,562,491, July 31.
Automobile frame suspension. K. E. Lyman. 2,571,908, Oct. 16.
Automobile heating system for outdoor drive-in theaters. G. A. Behman and F. R. Meze. 2,574,949, Nov. 13.
Automobile hitch arrangement. L. I. Hill. 2,550,561, Apr. 24.
Automobile hood position warning indicator. J. Jeffrey and T. T. May. 2,576,017, Nov. 20.
Automobile hubcap cover J. Casabianca. 2,568,430, Sept. 18.
Automobile jack. J. E. Adams and G. E. Wagner. 2,559,182, July 3.
Automobile jack. W. G. Ernst and R. M. Newlin. 2,543,904, Mar. 6.
Automobile jack. R. H. McCarroll. 2,570,360, Oct. 9.
Automobile jack. H. Seckendorf. 2,571,067, Oct. 9.
Automobile jack. V. H. Seely. 2,537,554, Jan. 9.
Automobile jacking-up kit. F. D. Saunders. 2,550,870, May 1.
Automobile lift. F. S. Pearne. 2,544,039, Mar. 6.
Automobile luggage carrier. P. J. Comeau. 2,554,776, May 29.
Automobile luggage device. S. C. Myers. 2,577,263, Dec. 4.
Automobile master brake cylinder tool. M. E. Davis. 2,537,515, Jan. 9.
Automobile mounted clothes hanger support. M. C. and P. C. Dellinger. 2,557,264, June 19.
Automobile push bar. S. Morreale. 2,554,375, May 22.
Automobile sling. R. A. Brady. 2,550,218, Apr. 24.
Automobile spring suspension. K. E. Lyman. 2,571,736, Oct. 16.
Automobile steering wheel spinner. R. Chambers. 2,549,774, Apr. 24.
Automobile tire valve. J. L. Cox. 2,552,666, May 15.
Automobile traction device. P. S. Hardy. 2,577,890, Dec. 11.
Automobile wheel. J. D. Brosick. 2,553,891, May 22.
Automobile wheel-balance weight. H. E. Pouell. 2,576,724, Nov. 27.
Automobile window screen. A. J. Beneteau. 2,540,504, Feb. 6.
Automobile window wind deflector. J. Heck, Sr., and H. A. Merkel. 2,564,972, Aug. 21.
Automotive body and frame straightening apparatus. C. E. Jackson. 2,559,250, July 3.
Automotive distributor. R. E. Hall. 2,574,698, Nov. 13.
Automotive electrical system. E. M. Claytor. 2,558,643–4, June 26.
Automotive equipment. F. P. Noone and A. C. Mullin. 2,570,587, Oct. 9.
Automotive headlight dimming system. L. A. Vanderlip. 2,573,627, Oct. 30.
Automotive transmission incorporating hydrodynamic coupling. J. S. Brown. 2,572,310, Oct. 23.
Automotive variable-speed transmission and control mechanism therefor. G. T. Randol. 2,578,740, Dec. 18.
Automotive vehicle radiator and gas tank handling apparatus. F. F. Lietz. 2,567,384, Sept. 11.
Auto-oxidation of alkylated anthraquinones. L. H. Dawsey, C. K. Muehlhausser and R. R. Umhoefer. 2,537,655, Jan. 9.
Autothermic cracking reactor. K. T. Hartwig and T. B. Haufe. 2,572,338, Oct. 23.
Autothermic cracking reactor. W. R. Kinnaird. 2,576,228, Nov. 27.
Autotransformer. R. Dessarzin. 2,560,385, July 10.
Autotransformer, Three-phase. H. J. Morrison. 2,546,011, Mar. 20.
Auxiliary bolt deadlocking latch. R. C. Cerf, Jr. 2,558,509, June 26.
Auxiliary carburetion device. C. de Marval. 2,576,450, Nov. 27.
Auxiliary contact assembly. R. B. Immel. 2,546,001, Mar. 20.
Auxiliary core. E. E. Wettley. 2,571,321, Oct. 16.
Auxiliary light for automobiles. L. Dawley. 2,579,653, Dec. 25.
Auxiliary stadium seat. S. H. Browne. 2,545,840, Mar. 20.
Auxiliary steam engine. O. Hajek. 2,553,821, May 22.
Auxiliary toilet seat. E. B. Potts and F. D. La Roche. 2,548,238, Apr. 10.
Auxiliary windmill drive. R. T. Beasley. 2,562,762, July 31.
Awning. L. R. and H. S. Drake. 2,564,641, Aug. 14.
Awning. J. Ferfort. 2,549,302, Apr. 17.
Awning. C. J. Freeth. 2,568,679, Sept. 18.
Awning. R. L. Friend and C. C. Knapp. 2,551,558, May 1.
Awning. J. Krohn. 2,542,418, Feb. 20.
Awning. J. Otti. 2,577,800, Dec. 11.
Awning. F. A. Powell. 2,561,225, July 17.
Awning. F. M. Powers. 2,578,737, Dec. 18.
Awning. C. N. Raibourn. 2,565,884, Aug. 28.
Awning. E. R. Scott. 2,551,975, May 8.
Awning. C. M. Skaggs. 2,572,821, Oct. 23.
Awning. H. P. Spradling. 2,576,422, Nov. 27.
Awning. R. F. Whitfield. 2,551,917, May 8.
Awning. D. L. Woodberry. 2,559,058, July 3.
Awning, Adjustable window. S. P. Lombardo and W. W. Taylor. 2,536,755, Jan. 2.
Awning and shade, Combination transparent. T. C. Tims. 2,560,397, July 10.
Awning and storm shutter, Combination. R. M. Miller. 2,557,676, June 19.
Awning box. E. P. D'Azzo. 2,576,391, Nov. 27.
Awning clip. L. J. Babin, Jr. 2,578,460, Dec. 11.
Awning, Collapsible. W. C. Ne Smith. 2,576,692, Nov. 27.
Awning, Collapsible ventilated. M. F. Todd. 2,538,286, Jan. 16.
Awning construction. R. M. Cole. 2,569,599, Oct. 2.
Awning construction. L. M. Sweeney. 2,574,423, Nov. 6.
Awning construction. H. W. Toney. 2,569,621, Oct. 2.
Awning construction, Metal. M. Harrison and S. B. Korman. 2,562,092, July 24.
Awning, Contractible. E. N. Arnold. 2,568,048, Sept. 18.
Awning, Demountable. J. J. Ciciarelli. 2,546,386, Mar. 27.
Awning, Expansible. S. P. Card. 2,565,545, Aug. 28.
Awning fixture. J. M. Alexander and C. V. Basey. 2,558,331, June 26.
Awning, Folding. H. A. Logan and C. N. Wilcher, Sr. 2,579,198, Dec. 18.
Awning, Folding metal. C. E. Mullin. 2,572,944, Oct. 30.
Awning for freight cars. D. G. Ellis and J. C. Sharp. 2,540,365, Feb. 6.
Awning for trailers. L. B. Obenchain. 2,556,210, June 12.
Awning, marquee, or the like. L. T. Thompson. 2,565,282, Aug. 21.
Awning, Metal. A. E. Hodo. 2,546,894, Mar. 27.
Awning, Metal. F. F. Whiteside. 2,553,123, May 15.
Awning, Metal. D. Yancho. 2,557,775, June 19.
Awning of metal or similar material. C. M. Preaus and C. E. Ross. 2,564,275, Aug. 14.
Awning of the ventilated panel type. C. C. Bain. 2,565,294, Aug. 21.
Awning, Portable. G. I. Wiethase. 2,539,762, Jan. 30.
Awning, Rigid type sheet material. D. J. Freeman. 2,542,919, Feb. 20.
Awning, Sheet metal. L. Guarcello. 2,551,736, May 8.
Awning, Store. E. P. D'Azzo. 2,547,692, Apr. 3.
Awning structure. F. A. Ray. 2,577,482, Dec. 4.
Awning structure. F. W. Simonton. 2,539,705, Jan. 30.
Awning, Telescoping metal. H. E. Paddock and C. W. Lay. 2,563,547, Aug. 7.
Awning, Trailer. G. Rauglas. 2,573,060, Oct. 30.
Awning, Variable width rigid. H. C. Riemann. 2,560,248, July 10.
Awning, Vented. J. C. Rogers and R. Sims. 2,569,388, Sept. 25
Awning, Ventilated. D. L. Carlson. 2,579,064, Dec. 18.
Awning, Ventilated. C. G. Hunter. 2,549,201, Apr. 17.
Awning, Window. J. M. Mayer and G. J. Snedden. 2,572,363, Oct. 23.
Awning, Window. J. C. Mead. 2,546,607, Mar. 27.
Awning with adjustable louvers. J. S. Phillips. 2,560,303, July 10.
Ax and saw, Combination hand. E. C. Woltemath. 2,576,869, Nov. 27.
Axe, Turpentine tin incision. M. L. Dell. 2,546,728, Mar. 27.
Axes roundabout, Vertical and horizontal. I. F. Howard. 2,559,768, July 10.
Axial-flow compressor on turbine. A. A. Lombard, K. I. C. Vincent, and F. W. W. Morley. 2,579,745, Dec. 25.
Axial-gap motor. B. Litman. 2,550,571, Apr. 24.
Axial impact type rotary tool. P. H., E. N., and W. E. Carlson. 2,559,558, July 3.
Axially adjustable rotary valve. A. J. Kreiner. 2,576,300, Nov. 27.

Axially collapsing type, hydraulically operated tire bead breaking machine. P. J. Christofoli and W. O. Bennett. 2,566,315, Sept. 4.
Axially engaging clutch. C. B. Spase. 2,540,463, Feb. 6.
Axially slidable actuator for pivoted outlet element. F. Satz, M. Berns, and S. Sontag. 2,562,580, July 31.
Axially slidable and axially discharging outlet element operated by pressure of contents. J. A. Horn. 2,555,490, June 5.
Axis control means for gyroscopic instruments, Spin. F. P. Strother. 2,551,069, May 1.
Axle and wheel spring suspension, Trailer. P. M. Morrow. 2,558,311, June 26.
Axle assembly for trailers, Swinging. F. Rohr. 2,561,230, July 17.
Axle construction. R. C. Hoffman. 2,563,680, Aug. 7.
Axle construction for fertilizer spreaders. E. S. Gandrud. 2,558,352, June 26.
Axle contact means for vehicle hoists. T. O. Snider. 2,577,374, Dec. 4.
Axle contactor for vehicle hoists. T. O. Snider. 2,577,375, Dec. 4.
Axle, Drive. B. Griffith. 2,548,258, Apr. 10.
Axle drive construction. J. Borland. 2,549,884, Apr. 24.
Axle engaging means for vehicle hoists. J. J. Pelouch. 2,577,376, Dec. 4.
Axle housing, Fluted. L. R. Buckendale. 2,569,452, Oct. 2.
Axle or rod and making same, Headed. V. C. Helberg. 2,560,290, July 10.
Axle stub-removing tool. W. F. Dritley. 2,544,142, Mar. 6.
Axle suspension, Wheeled. M. E. Makin. 2,549,320, Apr. 17.
Axle, Trailer. J. Moore. 2,558,310, June 26.
Axle with caster wheels, Swinging. C. F. Forbes. 2,537,521, Jan. 9.
Axle with wheel-type planetary drive. V. L. Snow and W. F. Double. 2,543,811, Mar. 6.
Axminster fabric. P. Miller. 2,557,452, June 19.
Axminster tube frame. O. V. Payne. 2,577,266, Dec. 4.
Azathiazolone cyanine dyes and their preparation. H. G. Derbyshire. 2,578,178, Dec. 11.
Azeotropic dehydration of 1,1′-oxybis-(2-chloroethanol). S. C. Stowe. 2,540,998, Feb. 6.
Azeotropic distillation of alcohols from methyl n-butyl ketone. H. Grekel. 2,564,200, Aug. 14.
Azeotropic distillation of hydrocarbons with aqueous azeotrope formers. C. B. Leffert and C. H. O. Berg. 2,563,344, Aug. 7.
Azeotropic distillation of naphthalenes. J. W. Teter. 2,551,912, May 8.
Azimuth indicating circuit. B. Ostendorf, Jr., and W. T. Rea. 2,546,370, Mar. 27.
Azimuth measuring device. J. H. Dunaway and P. B. Powell. 2,575,166, Nov. 13.
Azine dye images by means of a developer containing two N-substituted-diamino-metanilic acids, Production of. R. C. Gunther. 2,537,460, Jan. 9.
Azine dyestuff images, Production of. R. C. Gunther. 2,555,127, May 29.
Azlactones of phenylacetamino acrylic acids, Preparation of. E. W. Cook, E. O. Hook, and S. Kushner. 2,569,801, Oct. 2.
Azo anthraquinone vat dyes and intermediates. H. E. Schroeder and J. Deinet. 2,559,668, July 10.
Azo compound. E. Steinberg. 2,580,251, Dec. 25.
Azo compounds of the thiophanthraquinone series. H. E. Schroeder and L. A. Ringrose. 2,559,670–2, July 10.
Azo compounds, Production of. H. H. Johnson, Jr. 2,551,003, May 1.
Azo dye components of the amino naphthol series for diazotypes. W. H. Von Glahn and L. N. Stanley. 2,551,570, May 1.
Azo dye intermediates of the anthraquinone series. H. E. Schroeder and J. Deinet. 2,559,667, July 10.
Azo dyeing process. C. H. Stratton. 2,563,381, Aug. 7.
Azo dyeing process for cellulose fibers. C. H. Stratton. 2,571,990, Oct. 16.
Azo dyes as silver halide photographic developing agents. J. S. Friedman. 2,543,691, Feb. 27.
Azo dyes of the thiophanthraquinone series. H. E. Schroeder and L. A. Ringrose. 2,559,673, July 10.
Azo dyes produced by coupling a diazonium compound with 4-cyano-2,5-dialkoxyacetoacetanilides. W. H. von Glahn and H. A. Bergstrom. 2,559,181, July 3.
Azo dyestuffs. W. F. Beech and M. Mendoza. 2,564,243, Aug. 14.
Azo dyestuffs, Chromable. A. Conzetti and G. Schetty. 2,544,068, Mar. 6.
Azo esters. P. J. Flory and N. Rabjohn. 2,554,141, May 22.
Azo safranine leather dyestuffs. J. J. Hayden. 2,554,443, May 22.
B-chloroethyl aminoindanes. J. F. Kerwin and G. E. Ullyot. 2,573,644, Oct. 30.
Babcock test mixer. G. F. Massey. 2,539,851, Jan. 30.
Baby carriage support. L. Gottfried. 2,567,808, Sept. 11.
Baby carrier. J. L. Nichols. 2,550,851, May 1.
Baby carrier. F. T. Smith. 2,551,509, May 1.
Baby carrier. V. H. Maxwell. 2,554,340, May 22.
Baby feeder. S. I. Pittman. 2,545,414, Mar. 13.
Baby holding device. L. A. Hoder. 2,547,466, Apr. 3.
Baby mouth washer. C. Scarkino. 2,560,746, July 17.
Baby nursing bottle holder. J. R. Hensley and B. D. Baker. 2,557,430, June 19.
Baby seat carrier. E. L. Skaer. 2,537,864, Jan. 9.
Baby seat support. A. F. Hegewald. 2,551,267, May 1.
Baby support. F. J. McPeake, Jr. 2,562,628, July 31.
Baby walker. L. Tantimonaco. 2,574,897, Nov. 13.
Bacitracin, Production of. G. D. Darker. 2,567,698, Sept. 11.
Back exercising and massaging device. J. C. Johnston and G. P. Schmitt. 2,577,129, Dec. 4.
Backfill tamper. J. W. Brown. 2,551,925, May 8.
Backflow prevention apparatus. L. L. Snyder. 2,538,281, Jan. 16.
Backflow retarder. W. J. Hoenecke. 2,540,670, Feb. 6.
Back for vehicle seats, Collapsible. A. V. St. Germain. 2,545,679, Mar. 20.
Background control and synchronizing signal separating circuit. E. I. Anderson. 2,564,554, Aug. 14.
Back head for rock drills, Wet and dry. E. B. Lear. 2,562,468, July 31.
Back illumination device for translucent indicators. A. C. Hughes, Jr. 2,566,026, Aug. 28.
Backlash preventor for fishing reels. R. D. Hull and W. R. Crawford. 2,553,589, May 22.
Back or headrest, Adjustable. P. Billet and I. Levy. 2,565,015, Aug. 21.
Backout or nipple wrench. E. M. Roddick. 2,556,945, June 12.
Back-pedalling braking hub. J. C. Hooykaas. 2,565,819, Aug. 28.
Back-pressure relief valve. W. H. Schmitt. 2,576,541, Nov. 27.
Back pressure safety valve. T. J. Redd. 2,574,061, Nov. 6.
Back rest. F. De Mier, Sr. 2,565,597, Aug. 28.
Back rest, Adjustable bisectional. V. J. De Young. 2,578,879, Dec. 18.
Back rest and bag structure, Combination. R. N. Leeman. 2,570,571, Oct. 9.
Backrest for automobiles. F. E. Veale. 2,547,350, Apr. 3.
Back rest for chairs, Adjustable. P. Mondy. 2,577,089, Dec. 4.
Back rest for posture chairs, Resilient. T. H. Van Buren. 2,577,050, Dec. 4.
Backrest, Grandstand seat. T. F. Pavey and D. L. McDowell. 2,558,315, June 26.
Back rest, Resiliently pivoted. R. J. Freeman. 2,547,455, Apr. 3.
Backsight, Surveyor's illuminated. F. J. Skrastin, Jr. 2,538,475, Jan. 16.
Back-sizing composition for floor coverings. E. P. Mersereau, Jr. 2,542,344, Feb. 20.
Back spacing mechanism operating means for typewriting or like machines. J. F. Kloski and W. H. Kupper. 2,577,467, Dec. 4.
Back support. C. M. Hopper. 2,551,741, May 8.
Back support for reclining lounge chairs, Resilient. E. M. Morvice. 2,560,181, July 10.
Back washing filter. R. P. Moore. 2,559,784, July 10.
Backing sheet for manifold copies. E. Phillips. 2,560,701, July 17.
Bacon package, Sliced. C. G. Mayer and O. E. Seiferth. 2,565,976, Aug. 28.
Bacon rind product, Producing a. G. A. Darrow. 2,547,747, Apr. 3.
Bacteria-resistant elastomers containing silvered anion-exchange resins. G. P. Ham. 2,578,186, Dec. 11.
Bactericidal compositions. H. G. Guy. 2,572,855, Oct. 30.
Bacteriostatic cellulosic textile reacted with derivatives of dihydroxy hexachloro diphenyl methane. D. M. Musser. 2,559,986, July 10.
Baffle. J. Maynard. 2,553,141, May 15.
Baffle and reflector for lighting fixtures. A. P. Leinen. 2,565,435, Aug. 21.
Baffle construction for fuel burners, Double air-swirl. W. V. Hanzalek. 2,560,223, July 10.
Baffle for boiler tubes. S. J. Clark. 2,560,275, July 10.
Baffle for drainage ports. M. E. Osburn. 2,561,221, July 17.
Baffle means for rotating bodies. C. S. Rice. 2,564,503, Aug. 14.
Baffle plate for use in tube type heat exchangers. J. E. Weiks. 2,577,832, Dec. 11.
Baffle structure for combustion tube type burners. J. J. Conron. 2,570,771, Oct. 9.
Bag: *See*—

Carry bag.
Chemically treated laundry bag.
Child's sleeping bag.
Cloth water bag.
Colostomy bag.
Combination bowler's and traveling bag.
Commodity bag.
Cooking bag.
Draw closure bag.
Fungicidally treated multiwall bag.
Garment bag.
Garment storage bag.
Golf bag.
Ham packaging bag.
Market bag.
Multicompartment traveling bag.
Shoulder bag.
Sleeping bag.
Stand-up golf bag.
Suction cleaner bag.
Tea bag.
Urinal specimen bag.
Vacuum cleaner dust bag.
Valve bag.
Valved bag.

Bag and canopy, Beach. W. W. Peery. 2,543,597, Feb. 27.

Bag and its manufacture, Valved. C. V. Brady and A. F. Ottinger. 2,564,462, Aug. 14.
Bag and making same, Duplex. H. F. Waters. 2,569,964, Oct. 2.
Bag and making same, Pneumatic tire curing. L. M. Baker. 2,564,662, Aug. 21.
Bag and making the same, Display. H. F. Shumann. 2,538,920, Jan. 23.
Bag and method. T. E. Piazze. 2,562,389, July 31.
Bag and sunshade, Combination. H. Vollweiler. 2,554,688, May 29.
Bag and the like, Garment. I. Blechman. 2,541,150, Feb. 13.
Bag bladder, Striking. J. P. Hayes. 2,549,197, Apr. 17.
Bag closing machine. F. F. Lindstaedt and C. Fischer. 2,571,460, Oct. 16.
Bag closure. J. F. Doyle. 2,538,510, Jan. 16.
Bag closure. G. K. Odén. 2,538,585, Jan. 16.
Bag closure. A. F. Ottinger and C. V. Brady. 2,551,044, May 1.
Bag closure. W. O. Streller. 2,539,799, Jan. 30.
Bag construction, Thermoplastic. G. T. Schjeldahl and D. D. Wendt. 2,547,097, Apr. 3.
Bag for medical and hygienic purposes. M. V. Gandhi. 2,548,359, Apr. 10.
Bag for urine, Collection. H. G. Gohlke. 2,536,052, Jan. 2.
Bag for vacuum cleaners, Disposable. G. W. Holt, Jr. 2,564,845, Aug. 21.
Bag for vacuum cleaners, Paper dust collecting. M. Sosnowich. 2,577,863, Dec. 11.
Bag forming and sealing machine. F. J. Pancratz. 2,559,368, July 3.
Bag forming machine. J. G. Vergobbi. 2,577,386, Dec. 4.
Bag handling machine, having means for driving the bag downwardly and closing the mouth thereof. E. E. Messmer and J. D. Sylvester. 2,576,471, Nov. 27.
Bag holder for coffee mills. G. R. Wood. 2,566,279, Aug. 28.
Bag manufacture, Drawstring. J. Abler. 2,546,623, Mar. 27.
Bag of open-mesh material and paper. C. V. Brady and A. F. Ottinger. 2,565,754, Aug. 28.
Bag opening machine with upper and lower bag forming units disposed in parallel relationship. J. F. Peters. 2,561,410, July 24.
Bag or envelope. I. A. Reiss. 2,549,931, Apr. 24.
Bag packer. H. L. Stoker. 2,548,075, Apr. 10.
Bag seal. G. G. Canter. 2,578,504, Dec. 11.
Bag sealer. C. Miller and R. Mangold. 2,536,455, Jan. 2.
Bag slitter. F. J. Vogel. 2,576,492, Nov. 27.
Bag splitting and dispensing device. G. T. Sutch. 2,571,781, Oct. 16.
Bag stool combination. J. Tullis. 2,558,995, July 3.
Bag structure and manufacture. C. V. Brady and R. J. Williams. 2,550,000, Apr. 24.
Bag structure, and particularly the closure therefor. J. E. Snyder. 2,541,674, Feb. 13.
Bag tying device. J. A. Mangold. 2,559,449, July 3.
Bag valve. M. J. Strauss. 2,573,230, Oct. 30.
Bag with hood attachment, Golf. H. J. Wilkens. 2,552,501, May 8.
Bag with vacuum sealed valve closure. H. F. Waters. 2,576,322, Nov. 27.
Bagging device, Leaf. J. R. Ritchie. 2,539,635, Jan. 30.
Bagging machine, Garment. L. B. Allen. 2,542,449, Feb. 20.
Bagging machine with feed and feed cutoff operated by motor-driven and brake retarded receptacle support. P. J. Soulen. 2,553,684, May 22.
Bags with opening means, Producing. S. Bergstein. 2,536,529, Jan. 2.
Bagel clamp. E. Brooker. 2,553,700, May 22.
Bail and can. F. L. Cole. 2,577,001, Dec. 4.
Bail construction. E. O. Martinson. 2,541,261, Feb. 13.
Bail ear for containers. J. W. King and J. J. McNamee. 2,571,369, Oct. 16.
Bailing machine with spiral feeding and compression means. S. D. Russell. 2,571,489, Oct. 16.
Bait and lure, Artificial. C. G. McRoberts. 2,556,205, June 12.
Bait, Artificial. C. R. Anderson. 2,567,310, Sept. 11.
Bait, Artificial. R. C. Exley, Sr. 2,552,946, May 15.
Bait box. E. E. Kent. 2,573,202, Oct. 30.
Bait box. C. D. Sawner. 2,544,049, Mar. 6.
Bait casting float. J. J. Wardrip and R. D. Woodson. 2,554,318, May 22.
Bait dispenser. H. M. Babington. 2,560,381, July 10.
Bait holder. W. F. Anderson. 2,568,602, Sept. 18.
Bait hook and complemental gaff hooks. L. S. Penninger. 2,560,302, July 10.
Bait, Spinning. J. S. O'Callaghan. 2,554,342, May 22.
Baked goods with cheese flavor. P. Kass. 2,564,763, Aug. 21.
Bakery cake tin rack. R. H. Wuollet. 2,538,612, Jan. 16.
Baking apparatus. T. H. Sarchet. 2,559,801, July 10.
Baking composition. G. A. McDonald. 2,550,491, Apr. 24.
Baking liquid coating compositions. J. R. Fisher, Jr., and I. Kenis. 2,555,587, June 5.
Baking machine. H. Puls. 2,563,866, Aug. 14.
Baking machine, Waffle. T. F. Schlicksupp. 2,549,531, Apr. 17.
Baking mixes, Preparation of. P. W. Salo and L. J. Huber. 2,555,902, June 5.
Balance chain. H. S. Pierce. 2,572,755, Oct. 23.
Balance weight, Adjustable back. N. E. Hart. 2,558,136, June 26.
Balanced crystal microwave converter. G. Rodwin. 2,576,481, Nov. 27.
Balanced double-acting engine. E. F. and P. E. Mercier. 2,578,439, Dec. 11.
Balanced mixer. H. J. Riblet. 2,568,090, Sept. 18.
Balanced panic door. E. Peremi and H. Weimann. 2,576,854, Nov. 27.
Balanced phase detector. R. C. Eaton. 2,564,471, Aug. 14.
Balanced plug valve. R. H. Wunn. 2,573,238, Oct. 30.
Balanced thermal demand meter. L. A. Paine. 2,569,868, Oct. 2.
Balanced to unbalanced coupling. P. H. Smith. 2,546,322, Mar. 27.
Balanced valve. S. K. Wolcott, Jr. 2,545,220, Mar. 13.
Balancing device. G. W. Johnson. 2,572,265, Oct. 23.
Balancing device for aircraft rotors. J. C. Childs. 2,576,105, Nov. 27.
Balancing machine. D. R. Whitney. 2,554,180, May 1.
Balancing means for rotary structures. J. E. Elrod, Jr. 2,543,447, Feb. 27.
Balancing mechanism. J. W. Allen. 2,554,766, May 29.
Balancing mechanism for fluid storage apparatus of the vertically movable type. J. W. Allen. 2,540,773, Feb. 6.
Balancing or leveling mechanism for fluid storage apparatus. J. W. Allen. 2,540,312, Feb. 6.
Balancing oscillating or rotating members. W. Kohlhagen. 2,554,033, May 22.
Balancing rotor blades. R. B. Lightfoot. 2,552,727, May 15.
Balancing rotors, Method and apparatus for. C. H. Lindenberg and T. Ongaro. 2,547,764, Apr. 3.
Balancing sensitivity of dual tubes. P. Glass. 2,539,127, Jan. 23.
Balancing system for gun elevating mechanisms. V. Hammar and G. Dahlbäck. 2,564,360, Aug. 14.
Bale and making same. W. F. Caraher. 2,539,725, Jan. 30.
Bale handling hook. L. R. D. Yoder. 2,575,986, Nov. 20.
Bale handling vehicle. W. R. Peterson and A. C. Radtke. 2,569,190, Sept. 25.
Bale hoist. B. J. Leach. 2,577,338, Dec. 4.
Bale loader. R. and H. A. Abel. 2,542,446, Feb. 20.
Bale loading and closing apparatus. A. E. Glow and L. Coakley. 2,561,853, July 24.
Bale of fibrous material and forming same. J. H. Zimmermann. 2,546,809, Mar. 27.
Bale tie. E. F. W. Keihl, Jr. 2,549,206, Apr. 17.
Bale tie. S. D. Russell. 2,551,222, May 1.
Bale tie forming machine. J. H. Young. 2,545,332, Mar. 13.
Bale tying mechanism. G. B. Hill and F. D. Jones. 2,545,579, Mar. 20.
Bale weight gauge. W. E. Taylor. 2,579,444, Dec. 18.
Baled hay feeding device. C. J. Peterson. 2,561,069, July 17.
Baled hay lifter. C. F. Aydelott. 2,556,386, June 12.
Baler plunger head adjustment. G. B. Hill and R. U. Zollars. 2,575,449, Nov. 20.
Baler salter. A. L. Boughan. 2,567,760, Sept. 11.
Baling machine. M. Druetta. 2,552,888, May 15.
Baling machine. M. Ronning and K. M. Keith. 2,548,559, Apr. 10.
Baling press with extensible and resilient needle driving means. M. H. Tuft. 2,575,538, Nov. 20.
Baling wire cutter. F. Fisher. 2,575,948, Nov. 20.
Balking ring clutch. E. W. Zingsheim. 2,574,004, Nov. 6.
Ball. P. Kassuba. 2,546,896, Mar. 27.
Ball and making the same, Play. G. S. Radford. 2,542,356, Feb. 20.
Ball and paddle device. C. L. Trepanier. 2,566,044, Aug. 28.
Ball-and-socket coupling. A. T. C. Dear. 2,549,178, Apr. 17.
Ball and socket mounting for rearview mirrors and the like. N. E. Squire. 2,566,042, Aug. 28.
Ball bearing. J. B. Thomson. 2,576,269, Nov. 27.
Ball-bearing mounting. F. M. Amos. 2,549,154, Apr. 17.
Ball-bearing shifter collar. A. T. Bodle. 2,556,412, June 12.
Ball-bearing structure. T. W. Kunzog. 2,569,531, Oct. 2.
Ball-bearing unit, Rectilinear-motion. T. F. Schlicksupp. 2,546,375, Mar. 27.
Ball, Bowling. W. McLaren. 2,539,918, Jan. 30.
Ball centering and propelling mechanism for playing boards. D. R. Wiser. 2,577,222, Dec. 4.
Ball chain drive. W. Bengtson. 2,551,821, May 8.
Ball cock. E. V. Anderson. 2,549,041, Apr. 17.
Ball for ball mills, Grinding. D. Weston. 2,558,327, June 26.
Ball game apparatus, Chance controlled. N. H. Sanger. 2,562,822, July 31.
Ball housing. A. N. Jones. 2,578,069, Dec. 11.
Ball joint. J. H. Booth. 2,544,583–4, Mar. 6.
Ball joint. J. H. Booth. 2,553,743, May 22.
Ball-joint mounting. D. Friend. 2,545,406, Mar. 13.
Ball lock coupling. R. E. Risley. 2,561,887, July 24.
Ball mount for fluid meter vanes, Improved. J. L. Vincent. 2,579,987, Dec. 25.

Ball pitching machine, Automatic. A. S. Moe. 2,574,408, Nov. 6.
Ball pump. S. D. Pool and R. D. Titus. 2,577,361, Dec. 4.
Ball release mechanism for pool tables, Coin-controlled. P. F. Wilhem. 2,574,363, Nov. 6.
Ball return means for bowling alleys. E. G. Strong. 2,566,379, Sept. 4.
Ball-sliding bearing. J. D. Repko and A. Horowitz. 2,557,689, June 19.
Ball throwing device. A. M. Rankin. 2,547,776, Apr. 3.
Ball transfer mechanism for ball games. D. D. Levitt. 2,551,023, May 1.
Ballast construction. H. R. Gould. 2,561,855, July 24.
Ballast removal apparatus. R. A. Morrison. 2,548,677, Apr. 10.
Ballast remover. R. Kershaw. 2,568,156, Sept. 18.
Ballast spreader. J. B. White. 2,555,173, May 29.
Balustrade. F. L. Hawkins. 2,563,530, Aug. 7.
Balustrade, Metal. F. L. Hawkins. 2,563,529, Aug. 7.
Band and handle attachment for cooking utensils. A. W. Serio. 2,554,642, May 29.
Band and handle structure, Glass vessel. J. H. Reichart. 2,556,441, June 12.
Band and pulley structure. C. O. Slemmons. 2,560,307, July 10.
Band applying mechanism. J. F. Crawford. 2,546,496, Mar. 27.
Band brake. A. G. Wilson and A. A. Miller. 2,542,171, Feb. 20.
Band clamp. T. A. Woolsey. 2,548,249, Apr. 10.
Band, Clamping. G. B. Desloge. 2,545,653, Mar. 20.
Band filter with adjustable band width, Audio-frequency. K. Wagner. 2,541,797, Feb. 13.
Band for polishing, Endless. J. L. Fihe. 2,552,774, May 15.
Band placing apparatus. W. H. Taylor and D. S. Eaton. 2,539,936, Jan. 30.
Band saw and work support, Combined. A. L. Hoffman. 2,551,268, May 1.
Band saw for cutting rafter ends, Shiftable and rotatable. F. E. Pence. 2,555,056, May 29.
Band saw machine, Tiltable table. M. Orescan. 2,579,955, Dec. 25.
Band saw work guiding attachment. A. D. Hobbs. 2,542,524, Feb. 20.
Band-sawing machine, Swinging frame. J. L. Ashworth. 2,556,670, June 12.
Bandspread and scale equalizing resistance-capacitance tuning circuit. C. F. Weiland. 2,540,702, Feb. 6.
Band switching arrangement. E. F. De Mers. 2,541,917, Feb. 13.
Band-tightening instrumentality for hose clamps. C. Tetzlaff. 2,578,860, Dec. 18.
Band width indicator. J. K. Chapman. 2,573,402, Oct. 30.
Band, Wrist-watch. D. R. Templeman. 2,564,652, Aug. 14.
Bandage. R. M. Curtis, J. H. Brewer, and A. E. Stickels. 2,579,367, Dec. 18.
Bandage. E. L. Dubé. 2,580,085, Dec. 25.
Bandage. W. L. Parrott. 2,553,270, May 15.
Bandage. H. E. Waite and W. K. Smith. 2,539,170, Jan. 23.
Bandage, Adhesive. H. J. Heldmann. 2,544,315, Mar. 6.
Bandage and method and composition for making same, Plaster. J. J. Eberl. 2,557,083, June 19.
Bandage, Catamenial. J. M. Julien. 2,566,451, Sept. 4.
Bandage for the arm, shoulder, and clavicle, Surgical. M. W. New. 2,549,703, Apr. 17.
Bandage for varicose ulcer treatment. L. B. Bell. 2,560,712, July 17.
Bandage, Hand. D. T. Lewis. 2,567,489, Sept. 11.
Bandage, Medical. J. Slomowitz and M. Del Conte. 2,579,403, Dec. 18.
Bandage roller. J. J. Williams and J. H. Rast. 2,571,175, Oct. 16.
Bandage, Splayfoot. H. Horlacher. 2,572,152, Oct. 23.
Bandage, Surgical. W. Engel. 2,563,593, Aug. 7.
Bandage, Tubular. B. Rosenfield. 2,571,946, Oct. 16.
Banding machine. V. A. Grey. 2,578,799, Dec. 18.
Banding machine and method. J. J. Prohaska. 2,551,288, May 1.
Bang shaper. N. R. Metzler 2,539,198, Jan. 23.
Bank, Coin. C. A. Thompson. 2,563,291, Aug. 7.
Bank, Coin actuated calendar. A. E. Maage, Jr. 2,550,364, Apr. 24.
Bank, Registering coin. R. I. N. Weingart. 2,569,360, Sept. 25.
Bank robber trap. J. H. Brown. 2,560,410, July 10.
Bank with removable cylinders, Coin. O. H. Brasier. 2,552,931, May 15.
Banking reel. W. J. D. van Dobbenburgh. 2,539,979, Jan. 30.
Bar: *See*—
- Automobile push bar.
- Boring bar.
- By-pass meter bar.
- Connector bar.
- Cylinder sleeve extracting bar.
- Floral spray bar.
- Furnace grate bar.
- Glazing bar.
- Impinging-jet fuel-spray bar.
- Machine-tool angle bar.
- Railway crossing bar.
- Sewing machine pressure bar.
- Sine bar.
- Support bar.
- Tow bar.

Bar actuating mechanism for typewriters, Spring powered type. M. Julliard. 2,562,237, July 31.
Bar and shuttle guide, Lay. P. Rusnov. 2,538,630, Jan. 16.
Bar cap for greenhouses and the like. S. Jacobs. 2,557,660, June 19.
Bar connection, Automatic pitman. M. J. Polley. 2,548,055, Apr. 10.
Bar construction, Sectionalized bus. W. Mayer. 2,548,986, Apr. 17.
Bar feed loader for metal-working machines. E. S. Mariotte. 2,577,203, Dec. 4.
Bar feed mechanism, Breech-loading. B. C. Harney. 2,548,786, Apr. 10.
Bar feed mechanism for machine tools. B. C. Harney. 2,548,785, Apr. 10.
Bar fixture, Beverage. L. E. Smith. 2,539,335, Jan. 23.
Bar for goggles or the like, Cushion. F. W. Lindblom. 2,542,689-90, Feb. 20.
Bar for hoists, Load. E. E. Robins. 2,542,209, Feb. 20.
Bar grinding apparatus. S. R. Ellison. 2,558,943, July 3.
Bar hanger. L. G. Dotson. 2,543,357, Feb. 27.
Bar mechanism for window blinds, Lift. H. F. Hackedorn, Jr. 2,539,830, Jan. 30.
Bar or rod, Reinforcing. W. E. Bradbury. 2,552,364, May 8.
Barbecue appliance. C. R. Larkin. 2,545,818, Mar. 20.
Barbecue machine. G. C. Koch. 2,558,569, June 26.
Barbecue machine, R. J. Dietrich and F. L. Dieterich. 2,577,184, Dec. 4.
Barbed wire. H. Swanson. 2,541,388, Feb. 13.
Barber rest, Horizontally swinging. J. E. and O. E. Bryan and V. B. Crews. 2,554,852, May 29.
Barbituric acids and intermediates therefor, Production of substituted. P. Charpentier. 2,570,024, Oct. 2.
Barium perborate. J. H. Young. 2,556,953, June 12.
Barking logs. R. D. Pauley and L. A. McCanna. 2,576,966, Dec. 4.
Barn. C. S. Ash. 2,549,155, Apr. 17.
Barn cleaner. C. F. Dretzke. 2,558,424, June 26.
Barn cleaner. J. Kunz. 2,547,270, Apr. 3.
Barn for agricultural crops, Drying. W. R. Peterson. 2,551,460, May 1.
Barn, Tobacco curing. L. T. Leitner. 2,579,681, Dec. 25.
Barrel and barrel head therefor. H. G. Bell and J. D. Gay, Jr. 2,556,789, June 12.
Barrel buffer for automatic firearms. J. Koucky. 2,558,364, June 26.
Barrel cleaning apparatus. F. B. Roberts. 2,558,983, July 3.
Barrel construction. C. U. Gramelspacher. 2,538,682, Jan. 16.
Barrel extension and coupling device for attachment to gun barrels. G. B. Davis, Jr. 2,543,766, Mar. 6.
Barrel for watches, Winding. E. Hall. 2,552,963, May 15.
Barrel grapple. K. L. Reynolds. 2,576,193, Nov. 27.
Barrelhead construction. H. E. Thyen. 2,545,831. Mar. 20.
Barrel lift. E. A. Zeh. 2,570,741, Oct. 9.
Barrel, Lined tumbling. J. Lupo. 2,565,385, Aug. 21.
Barrel maker for toy barrels. C. J. Niebuhr. 2,549,329, Apr. 17.
Barrel, Rolling door. J. A. Langer. 2,540,742, Feb. 6.
Barrel upending device. A. T. Stratton. 2,553,283, May 15.
Barrel with cooling means for beverages. F. S. Walker. 2,536,404, Jan. 2.
Barrier grid storage tube. A. S. Jensen. 2,538,836, Jan. 23.
Barrier grid storage tube. A. Rose. 2,563,488, Aug. 7.
Barrier means for shuffleboards. J. C. Koci. 2,565,238, Aug. 21.
Barrow attachment for lawn mowers. C. A. Hubner. 2,579,077, Dec. 18.
Baseboard for electrical outlets. A. B. Weisler. 2,574,075, Nov. 6.
Base-catalyzed vapor-phase production of ethers from alcohols and olefins. R. J. Moore and G. J. O'Donnell. 2,544,392, Mar. 6.
Base for desks, furniture, and the like, Adjustable. W. C. Brown. 2,544,822, Mar. 13.
Base for refuse cans, Sanitary. R. A. Tilson and H. M. Garner. 2,545,320, Mar. 13.
Base for swivel chairs. T. Elleman. 2,561,102, July 17.
Base making apparatus. S. Poje. 2,538,589, Jan. 16.
Base plate for cutting machines. L. J. Ulrich. 2,575,695, Nov. 20.
Base plate for mortars. W. R. Gerhardt. 2,557,960, June 26.
Base threading method and apparatus. G. V. Brunner and J. J. Gresko. 2,536,677, Jan. 2.
Basic esters of bile acids. R. R. Burtner. 2,562,350, July 31.
Basic esters of cholanic and ketocholanic acids. R. R. Burtner. 2,562,351, July 31.
Basic esters of 1-aryl-cyclopentene-(3)-1-carboxylic acids. F. Häfliger and R. Denss. 2,573,015, Oct. 30.
Basic esters of 2-aryl-2-(1-hydroxycyclohexyl) ethanoic acid and acid addition salts of the same. G. R. Treves. 2,558,020, June 26.
Basic esters of 2-aryl-2-(1-hydroxycyclopentyl) ethanoic acid and acid addition salts of the same. G. R. Treves. 2,554,511, May 29.

Basic ethers of xylenols. A. M. Mattocks. 2,567,778, Sept. 11.
Basic 9,10-dihydro-9-anthryl carbinols and salts thereof. J. W. Cusic. 2,541,342, Feb. 13.
Basin drain spillway. A. F. Jackson. 2,560,954, July 17.
Basin night latch. J. W. Patton and R. G. Cudini. 2,552,058, May 8.
Basin, Sanitary closet. B. Kulhavý. 2,559,019, July 3.
Basket. A. Ellis. 2,543,157, Feb. 27.
Basket and casing for clothes-washing machines, Spin. T. T. Woodson. 2,554,229, May 22.
Basketball apparatus, Demountable. R. F. Morey. 2,553,105, May 15.
Basketball net. G. D. Garvey. 2,579,312, Dec. 18.
Basket, Bicycle. E. L. Dennis. 2,541,640, Feb. 13.
Basket, Bicycle. C. S. Glenny and R. C. Method. 2,576,111, Nov. 27.
Basket, Bicycle. C. J. Lydick. 2,554,865, May 29.
Basket cover. S. Ptak. 2,543,300, Feb. 27.
Basket cover fastener. J. C. Doolittle and E. A. McCabe. 2,571,548, Oct. 16.
Basket, Fish. J. E. Dick. 2,566,719, Sept. 4.
Basket framework lining and blank therefor. W. Ernst and F. E. Bonner. 2,544,075, Mar. 6.
Basket handle. A. E. Skelley. 2,557,895, June 19.
Basket, Knockdown. W. L. Bassett. 2,553,628, May 22.
Basket, Market. F. M. Harrison. 2,554,025, May 22.
Basket, Molded plastic. H. G. Long. 2,556,590, June 12.
Basket, Novelty. M. Kurhan. 2,572,631, Oct. 23.
Basket, Picnic. A. M. Watson. 2,537,725, Jan. 9.
Basket, Stiff paper. G. C. F. Brandes. 2,536,590, Jan. 2.
Basket, Vegetable washing. M. Watson. 2,575,149, Nov. 13.
Basket weave bracelet chain. A. O. Schoeninger. 2,574,125, Nov. 6.
Basket with folding table and benches, Picnic. E. Weamer. 2,548,639, Apr. 10.
Baskets and the like, Manufacture of. A. A. Concepcion. 2,562,774, July 31.
Bass boost circuit. G. W. Wallin. 2,572,544, Oct. 23.
Bassinet. P. A. McLendon and J. L. Parks. 2,537,539, Jan. 9.
Bassinet, Collapsible. C. S. McCarthy. 2,561,285, July 17.
Baster, Automatic. P. V. Shell. 2,560,605, July 17.
Batch for refractory masses and consolidating. F. E. Lathe. 2,568,237, Sept. 18.
Batch mixing apparatus. A. H. Petersen and R. K. Castleman. 2,562,506, July 31.
Batcher control mechanism. E. O. Martinson. 2,559,307, July 3.
Bath, Animal. C. E. Kessel. 2,536,943, Jan. 2.
Bath chair. O. G. Brown. 2,562,598, July 31.
Bath implement. A. C. Hempel. 2,580,226, Dec. 25.
Bathroom article holder. G. A. Hallenscheid. 2,577,011, Dec. 4.
Bathroom cabinet. A. P. Hurley. 2,539,838, Jan. 30.
Bathroom structure, Unitary. R. D. and A. E. Rollie. 2,557,470, June 19.
Bathroom unit. B. A. Krenov. 2,558,443, June 26.
Bathroom unit, Prefabricated. D. H. Fergusson. 2,552,546, May 15.
Bathtub. H. A. Danielson. 2,564,190, Aug. 14.
Bathtub. W. Fine. 2,572,463, Oct. 23.
Bathtub. H. J. Otis. 2,569,825, Oct. 2.
Bathtub formed with body rests. G. K. Miyakawa. 2,566,495, Sept. 4.
Bathtub hingedly mounted on a collapsible stand. B. E. McLaughlin. 2,576,623, Nov. 27.
Bathtub protective covering. W. H. Slawson. 2,575,236, Nov. 13.
Bathtub supply bracket. O. L. Aaby. 2,537,437, Jan. 9.
Bathtub with cloth support, Baby. R. L. Burr and J. M. Hudson. 2,547,743, Apr. 3.
Bathing cap. V. H. Hurt. 2,549,376, Apr. 17.
Bathing device, Collapsible baby. P. W. Douglas. 2,536,731, Jan. 2.
Bathing implement. F. A. Brackmann. 2,544,216, Mar. 6.
Bathing suit, Inflatable. C. I. Briscoe. 2,571,532, Oct. 16.
Batter board. W. R. Breuninger. 2,562,597, July 31.
Batterproof cock coop. G. H. Frederick. 2,565,765, Aug. 28.
Batteries, Making. G. Wheat. 2,544,517, Mar. 6.
Batteries, Manufacturing. J. R. Smyth. 2,575,076, Nov. 13.
Battery. A. Debeh. 2,539,946, Jan. 30.
Battery breaking machine. W. O. Blake. 2,567,542, Sept. 11.
Battery cable clamp. P. H. Proff. 2,577,714, Dec. 4.
Battery carrier. C. W. Deo. 2,548,256, Apr. 10.
Battery cell and unit. S. Ruben. 2,536,698, Jan. 2.
Battery cell indicating device. E. Kopper and W. H. Radeke. 2,560,962, July 17.
Battery charger. A. M. Salazar. 2,549,854, Apr. 24.
Battery charger. C. Shuler, C. J. Godfrey, and L. A. Medlar. 2,565,273, Aug. 21.
Battery charger and power inverter system. H. D. Bishner. 2,555,630, June 5.
Battery charger, Thermally controlled. J. B. Godshalk. 2,550,344, Apr. 24.
Battery-charging apparatus. A. E. Dodd. 2,543,314, Feb. 27.
Battery charging apparatus. J. A. Potter. 2,541,935, Feb. 13.
Battery-charging apparatus. G. Wheat. 2,575,151, Nov. 13.
Battery charging system. W. J. Rady and L. A. Rice. 2,554,383, May 22.
Battery connections, Making. E. F. Steinhoff. 2,539,873, Jan. 30.
Battery, Deferred action primary. L. H. Harriss. 2,543,106, Feb. 27.
Battery, Deferred action primary. J. B. Mullen. 2,564,495, Aug. 14.
Battery, Electric. J. D. Moulton, R. F. Enters, and H. F. Moufang. 2,561,943, July 24.
Battery, Electric storage. E. S. Chapman. 2,552,405, May 8.
Battery electrolyte level indicator. W. P. Murphy. 2,561,748, July 24.
Battery filling cap and plug, Combined. J. Warner. 2,565,010, Aug. 21.
Battery filling means. E. C. Iwanowski. 2,543,724, Feb. 27.
Battery, Hydraulic press. W. C. Schmidt and F. A. Zaenkert. 2,574,892, Nov. 13.
Battery lead clamp. T. W. Holland. 2,573,972, Nov. 6.
Battery, Leakproof. M. Wagner. 2,544,115, Mar. 6.
Battery, Multiple dry cell. S. Greenstein. 2,547,262, Apr. 3.
Battery-operated book light. V. V. Langdon and J. S. Irvine. 2,561,744, July 24.
Battery plate and making, Sintered. F. A. Schneider. 2,544,112, Mar. 6.
Battery plate forming tank. A. C. Zachlin. 2,560,836, July 17.
Battery post and cable terminal cleaner tool. W. I. Sullins. 2,562,136, July 24.
Battery separator. E. M. O. Honey and C. R. Hardy. 2,570,677, Oct. 9.
Battery separator. J. J. Uber. 2,543,137, Feb. 27.
Battery, Storage. R. M. Raney. 2,548,558, Apr. 10.
Battery, Storage. A. C. Zachlin. 2,565,674, Aug. 28.
Battery terminal. F. Scott. 2,541,617, Feb. 13.
Battery terminal and cable and producing the same, Combination. J. P. Whitaker. 2,566,646, Sept. 4.
Battery terminal clamp. A. G. Goodnight. 2,548,782, Apr. 10.
Battery terminal connector. H. G. Anderson. 2,543,540, Feb. 27.
Battery terminal connector. F. L. B. Lord. 2,571,145, Oct. 16.
Battery terminal connector. O. H. Thomas and R. Elton. 2,575,644, Nov. 20.
Battery terminal protector. F. E. Martin and J. A. Daugherty. 2,564,810, Aug. 21.
Battery testing and charging apparatus. R. H. Riley, Jr., and T. W. Holland. 2,540,174, Feb. 6.
Battery truck for metal-clad switchgears. G. L. Claybourn. 2,539,184, Jan. 23.
Battery, Vertically flued rich gas fired coke oven. F. Wethly. 2,564,140, Aug. 14.
Batting material, The production of. F. G. Dodge and G. Schneider. 2,538,899, Jan. 23.
Batting means for mechanical baseball games. W. G. and S. H. Grohman. 2,559,872, July 10.
Beach bag and beach mat, Combination. D. Fiel. 2,540,165, Feb. 6.
Beach or like rocking chair. V. T. O'Connor. 2,570,842, Oct. 9.
Beacon, Course indicating light. O. S. Field, E. W. Moore, and F. S. Craig. 2,559,415, July 3.
Beacon guide. H. M. Wagner. 2,547,066, Apr. 3.
Beacon modulator circuit. J. C. Reed, Jr. 2,571,060, Oct. 9.
Beacon, Radar responder. H. R. Whitfield and A. Harrison. 2,544,204, Mar. 6.
Beacon, Radio. F. de Fremery. 2,551,828, May 8.
Beacon system, Radio. M. D. O'Day. 2,558,373, June 26.
Beacon system, Radio responder. E. R. Gaerttner. 2,543,454, Feb. 27.
Bead coated tympan sheet. B. S. Cross. 2,555,319, June 5.
Bead machine. M. C. Meyer and S. Wechsler. 2,562,932, Aug. 7.
Bead making machine, Automatic. E. C. Healy. 2,544,835, Mar. 13.
Bead trimmer. E. W. Allardt. 2,573,295, Oct. 30.
Beaded mock welting for McKay type footwear. C. F. Batchelder, Jr. and L. Withington, Jr. 2,575,783, Nov. 20.
Beam amplifier tube. N. Z. Ballantyne. 2,569,971, Oct. 2.
Beam antenna system. B. P. Brown, Jr. 2,541,806, Feb. 13.
Beam bender, Electron. M. J. Obert. 2,569,327, Sept. 25.
Beam clamp. T. Haagensen. 2,570,666, Oct. 9.
Beam deflection system for cathode-ray devices. M. H. Kronenberg. 2,562,985, Aug. 7.
Beam for railway trucks, Equalizer. A. G. Dean. 2,560,505, July 10.
Beam form kicker tie. L. R. Vines. 2,554,431, May 22.
Beam head. C. A. Pendleton. 2,548,390, Apr. 10.
Beam hook. O. C. Robbins. 2,542,289, Feb. 20.
Beam trammel. C. J. O'Rourke. 2,539,097, Jan. 23.
Beaming apparatus. E. K. Bauer and W. H. Newton. 2,558,033, June 26.

Bean harvester catcher attachment. G. A. Peel. 2,575,120, Nov. 13.

Bearing: *See*—

Adjustable bearing.
Adjustable crankshaft bearing.
Adjustable side bearing.
Antifriction bearing.
Ball bearing.
Ball-sliding bearing.
Composite powdered metal bearing.
Crown block double roller bearing.
Cutting disk bearing.
Disk bearing.
Disk roller bearing.
Double-row roller bearing.
Fluid pressure bearing.
Fluid thrust bearing.
Glass jewel bearing.
Guide bearing.
Journal bearing.
Knife-edge bearing.
Low friction journal bearing.
Meter bearing.
Pivot bearing.
Radial roller bearing.
Railway vehicle center bearing.
Resilient side bearing.
Rocker arm thrust bearing.
Roller bearing.
Roller thrust bearing.
Rolling mill bearing.
Self-aligning bearing.
Self-lubricating bearing.
Sensitive instrument bearing.
Shaft bearing.
Shock-absorbing bearing.
Side bearing.
Spherical thrust bearing.
Springless self-equalizing thrust bearing.
Stud bearing.
Tapered roller bearing.
Thrust bearing.
Treadle bearing.

Bearing. P. A. Fasoli. 2,563,778, Aug. 7.
Bearing. L. B. Fink. 2,542,405, Feb. 20.
Bearing. M. E. Martellotti. 2,578,711, Dec. 18.
Bearing. R. D. Pike. 2,576,141, Nov. 27.
Bearing. H. A. Schmitz, Jr. 2,539,932, Jan. 30.
Bearing. B. Schroeter. 2,560,133, July 10.
Bearing. J. Schwitter. 2,557,476, June 19.
Bearing. R. D. Smeallie. 2,538,921, Jan. 23.
Bearing. P. J. Super. 2,576,651, Nov. 27.
Bearing. N. Trbojevich. 2,565,284, Aug. 21.
Bearing and lock for display racks. L. H. Best. 2,565,644, Aug. 28.
Bearing and taper roller bearing, Angular contact. M. Frenkel. 2,553,536, May 22.
Bearing arrangement, Thrust. E. G. Gardiner. 2,552,166, May 8.
Bearing assembly. J. E. Shafer. 2,553,337, May 15.
Bearing assembly. L. W. Wightman. 2,548,644, Apr. 10.
Bearing assembly for centrifuges and the like. J. E. Cook. 2,556,317, June 12.
Bearing assembly for centrifuges and the like. W. O. Michelsen. 2,551,621, May 8.
Bearing assembly for oil mills lubricated by the material processed, Internal thrust. R. C. Hopkins. 2,548,792, Apr. 10.
Bearing assembly for steering linkage and the like. J. H. Booth. 2,544,582, Mar. 6.
Bearing construction. L. Brendel. 2,549,659, Apr. 17.
Bearing construction. A. H. Dall. 2,538,746, Jan. 23.
Bearing construction. L. W. Wightman. 2,558,598, June 26.
Bearing construction, Grit flushing. P. T. Brantingham. 2,544,913, Mar. 13.
Bearing construction with segmental shoes on flexible resilient supports. E. T. P. Neubauer. 2,577,798, Dec. 11.
Bearing device for relay armatures and the like. A. O. Jörgensen. 2,571,580, Oct. 16.
Bearing for car trucks, Side. O. T. Gregg. 2,546,029, Mar. 20.
Bearing for disk harrow shafts, Combined thrust. R. T. Evans and J. H. Clasen. 2,540,661, Feb. 6.
Bearing for display racks. L. H. Best. 2,565,645, Aug. 28.
Bearing for rotating shafts. A. R. Trist. 2,566,002, Aug. 28.
Bearing for scales, Knife edge. A. van Duyn. 2,552,826, May 15.
Bearing for sliding members, Antifriction. H. K. Ferger. 2,559,292, July 3.
Bearing for surveying instruments, Spindle. H. R. Larsen and D. Gurney. 2,570,568, Oct. 9.
Bearing for universal joints. R. R. Rolph. 2,540,548, Feb. 6.
Bearing for Venetian blind head bars, Pulley. M. Bird. 2,544,005, Mar. 6.
Bearing for vertical shaft turbines, Pivot suspension. J. Fieux. 2,557,422, June 19.
Bearing for water wheels, turbines, or the like, Submerged. H. L. Blomgren. 2,542,467, Feb. 20.
Bearing guard. S. D. Russell. 2,575,531, Nov. 20.
Bearing lubrication. H. I. Becker. 2,545,335, Mar. 13.
Bearing lubrication. C. N. Paden. 2,573,597, Oct. 30.
Bearing lubrication. F. Postma. 2,554,154, May 22.
Bearing lubricator. J. J. Hennessy. 2,561,983, July 24.
Bearing, Making shaft. A. Rappl. 2,536,821, Jan. 2.
Bearing mounting. E. G. Boden. 2,538,229, Jan. 16.
Bearing mounting device. N. E. Wahlberg. 2,563,980, Aug. 14.
Bearing mounting for lawn mower cutter blades. L. J. Winchell. 2,536,481, Jan. 2.
Bearing mounting for rotary tool units. C. A. Horn. 2,569,313, Sept. 25.
Bearing mounting for spindles. F. P. Hegeman. 2,556,368, June 12.
Bearing play remover. T. E. Hayes. 2,536,283, Jan. 2.
Bearing seal. H. Jensen. 2,559,963–4, July 10.
Bearing seal. C. H. Witthofft. 2,553,801, May 22.
Bearing seal for meat grinders. J. D. Brown. 2,537,943, Jan. 16.
Bearing sleeve. J. F. A. Kell. 2,539,782, Jan. 30.
Bearing structure. J. H. Stark and W. E. Tyler. 2,543,647, Feb. 27.
Bearing structure for pump shafts. L. G. L. Thomas. 2,540,968, Feb. 6.
Bearing support for a two-part universally coupled transmission shaft. H. I. F. Evernden and F. J. Hardy. 2,560,759, July 17.
Bearing support for gears. C. J. Lucia. 2,547,877, Apr. 3.
Bearing surface. A. F. Folz. 2,572,021, Oct. 23.
Bearing surface reconditioner. O. Engel. 2,552,545, May 15.
Bearing test apparatus. L. M. Headley. 2,539,578, Jan. 30.
Bearing tester, Electric. W. E. Merrill. 2,538,790, Jan. 23.
Bearing washing and drying machine. W. B. Heaney. 2,536,129, Jan. 2.
Bearings, Manufacturing. W. E. McCullough and E. O. Goerke. 2,555,497, June 5.
Bearings, Manufacturing. R. J. Novy. 2,540,688, Feb. 6.
Beater. G. W. Dodge. 2,548,425, Apr. 10.
Beater. D. J. Euler, G. W. Crittenden, and J. B. Brandt. 2,565,723, Aug. 28.
Beater. R. Krasberg. 2,563,941, Aug. 14.
Beater and mixer, Hand-operated. C. E. Elliott. 2,562,380, July 31.
Beater and separator with oversize-material return tube means to the air inlet, Air swept rotary. J. F. Les Veaux. 2,552,565, May 15.
Beater for food mixers. W. Van Guilder. 2,571,316, Oct. 16.
Beater mill and classifier for producing sieve range sized chocolate products, Rotary. J. J. Alikonis. 2,574,948, Nov. 13.
Beater mill with inperforate concaves, vertical baffled discharge, upper anvil plate, and air and material inlets, Rotary. P. Zakel. 2,546,286, Mar. 27.
Beater, Pulp. W. N. Sherwood. 2,546,376, Mar. 27.
Beating wing propelled aircraft. W. Schmidt. 2,578,845, Dec. 18.
Beautician's device for retaining a head in a predetermined position. A. F. Sawyer. 2,545,313, Mar. 13.
Beauty operator's appliance holder. O. G. Faulkinbury. 2,563,594, Aug. 7.
Bed. W. C. Bornhuetter. 2,541,194, Feb. 13.
Bed. C. H. Phillips. 2,550,426, Apr. 24.
Bed, Adjustable. L. F. Clerc. 2,550,224, Apr. 24.
Bed, Adjustable. E. M. Rosenfeld. 2,567,619, Sept. 11.
Bed, Adjustable hospital. R. G. Miller. 2,540,133, Feb. 6.
Bed and cylinder multicolor printing press. L. W. and C. C. Claybourn and P. R. Franzen. 2,561,908, July 24.
Bed and display rack, Roll-away. N. Jensen. 2,565,027, Aug. 21.
Bed and seat equipment for automobiles, Combination. H. Pfau. 2,546,834, Mar. 27.
Bed and spring, Adjustable. S. Carter. 2,536,534, Jan. 2.
Bed and table for trailers, Combination. H. E. Specht. 2,564,512, Aug. 14.
Bed, Automobile. W. T. Scheld. 2,566,996, Sept. 4.
Bed, Baby. R. B. Shanks. 2,570,393, Oct. 9.
Bed bath. C. A. Hoffman. 2,567,514, Sept. 11.
Bed, chair, and rocking exerciser, Combination. E. E. Socol. 2,562,339, July 31.
Bedchair, Invalid's. T. L. McKinley. 2,546,765, Mar. 27.
Bedclothes holder. M. P. Palsson. 2,549,001, Apr. 17.
Bed, Collapsible. J. Martin. 2,562,197, July 31.
Bed, Concealed. E. E. Woller. 2,565,417, Aug. 21.
Bed construction for automobiles, Baby. J. Rose. 2,555,659, June 5.
Bed, Convertible chair. A. R. Paladino. 2,556,703, June 12.
Bed, Convertible double. M. Fox. 2,557,734, June 19.
Bedcover-supporting means. L. L. Hinton. 2,547,942, Apr. 10.
Bed covering. K. P. Bellinger. 2,577,178, Dec. 4.
Bed dividing guard. L. A. Gilbert. 2,556,913, June 12.
Bed, Double frame. J. H. Pilates. 2,570,855, Oct. 9.
Bed, Folding. J. L. Godschalk. 2,547,863, Apr. 3.
Bed, Folding. F. A. Hoeft. 2,568,546, Sept. 18.
Bed, Folding cabinet. G. C. Lochridge. 2,544,762, Mar. 13.
Bed for game utilizing glidable objects. R. G. Stewart. 2,566,681, Sept. 4.
Bedframe and the like, Expansible. W. A. Moeller. 2,544,274, Mar. 6.
Bed frame spring stabilizer. T. S. Cobb. 2,542,904, Feb. 20.
Bed guard. G. J. Arliss. 2,567,047, Sept. 4.
Bed, Hospital. D. C. Travis. 2,538,993, Jan. 23.
Bed, Invalid. O. A. Logan. 2,547,827, Apr. 3.
Bed, Invalid. W. M. Loxley. 2,556,591, June 12.
Bed leg. J. Ludwig. 2,565,613, Aug. 28.
Bed, Love seat. P. P. Bebry. 2,576,062, Nov. 20.
Bed, Matched. J. M. Rowland. 2,563,752, Aug. 7.
Bed or berth structure. S. F. Reed. 2,550,599, Apr. 24.
Bedpan, Sponge rubber. I. M. Timian. 2,567,830, Sept. 11.
Bed, Portable baby. D. J. Markowitz. 2,537,903, Jan. 9.
Bedrail extension device. I. I. Silverman. 2,539,933, Jan. 30.

Bedrail finishing carrier. J. H. B. Herts and J. E. McPhee. 2,559,958, July 10.
Bed, Reciprocating. J. V. Henderson. 2,570,676, Oct. 9.
Bed side guard. A. T. Evers. 2,555,228, May 29.
Bed slat hanger. W. G. Brands. 2,553,807, May 22.
Bed slat, Osteopathic. E. F. Smith. 2,551,976, May 8.
Bed, Sofa. J. M. Rozwens. 2,578,453, Dec. 11.
Bed, Sofa. R. G. Stein. 2,570,401, Oct. 9.
Bed, Sofa. D. Waxman. 2,552,128, May 8.
Bed, Sofa. W. W. Wilson. 2,567,263, Sept. 11.
Bedspring. L. I. Cohn. 2,548,349, Apr. 10.
Bed spring. H. I. Golding. 2,537,664, Jan. 9.
Bed spring. J. Platis. 2,550,294, Apr. 24.
Bedspring. C. F. White. 2,578,331, Dec. 11.
Bedspring frame retainer. J. Okulanis. 2,553,205, May 15.
Bed structure. F. L. Rega and W. E. Hartmann. 2,559,998, July 10.
Bed, Two-in-one. J. A. Parker. 2,569,574, Oct. 2.
Bed urinal for ladies. J. T. Felts. 2,542,276, Feb. 20.
Bed, Wall. J. M. Dorton. 2,560,689, July 17.
Bed, Wall. E. E. Woller. 2,577,223, Dec. 4.
Bed warmer and producing same, Electric. G. W. Crise. 2,548,467, Apr. 10.
Bed warmers, Producing electric. G. W. Crise. 2,548,468, Apr. 10.
Bed with manual control, Invalid's. A. H. W. Stechert. 2,564,083, Aug. 14.
Bedding. L. A. Kay. 2,567,072, Sept. 4.
Bedstead. R. W. Gimmler. 2,572,469, Oct. 23.
Bedstead. G. W. Sprunger. 2,554,799, May 29.
Bedstead corner lock. D. C. Travis. 2,566,541, Sept. 4.
Bee feeder. A. V. Briercliffe. 2,567,871, Sept. 11.
Beehive. H. Albrecht. 2,543,750, Mar. 6.
Bee smoker. G. A. Jackson. 2,543,409, Feb. 27.
Beer faucet. R. Del Nero. 2,575,658, Nov. 20.
Beet topping machine. A. K. K. Andersen. 2,555,389, June 5.
Beet topping machine. Arnold, Adam, S., F., and E. Piel. 2,538,121, Jan. 16.
Bell actuating mechanism. W. G. Holmes. 2,540,671, Feb. 6.
Bell and making same. B. J. Frankel and I. Cohen. 2,568,190, Sept. 18.
Bell and vibrator element therefor, Alarm. F. W. Jackson and H. M. Nacey. 2,560,444, July 10.
Bell attachment for skates. W. Kusnarowis. 2,561,743, July 24.
Bell, Electronic swinging. D. W. Martin and W. R. Ayres. 2,574,577, Nov. 13.
Bell housing. F. B. Martin, Jr. 2,564,019, Aug. 14.
Bell housing repair assembly. T. C. Gerner. 2,571,562, Oct. 16.
Bell, Rotary. E. Moard. 2,554,046, May 22.
Bellows, Flexible. T. H. Nakken. 2,577,908, Dec. 11.
Bellows pump. R. B. Saalfrank. 2,578,265, Dec. 11.
Belt. P. W. Carr and S. G. Gerlach. 2,539,891, Jan. 30.
Belt. H. W. Goff. 2,575,952, Nov. 20.
Belt-aligning apparatus. S. R. Reimel. 2,553,473, May 15.
Belt and hook attachment, Picking. F. F. Foss. 2,539,242, Jan. 23.
Belt and splicing the same. E. R. Traxler. 2,566,262, Aug. 28.
Belt, Apparel. W. D. Costner. 2,542,479, Feb. 20.
Belt, Bandage supporting. B. M. Butler. 2,545,224, Mar. 13.
Belt, Braided driving. P. F. Mitterway. 2,549,382, Apr. 17.
Belt buckle lock. H. R. Kirsten. 2,536,063, Jan. 2.
Belt, Catamenial. S. Rosen. 2,554,684, May 29.
Belt, Catamenial bandage. C. L. Casey and J. B. Ryno. 2,536,796, Jan. 2.
Belt, Child's safety. M. A. Rahe. 2,567,400, Sept. 11.
Belt, Colostomy. I. R. Versoy and P. E. Munger. 2,556,891, June 12.
Belt conveyer, Extensible. I. S. Eggleston. 2,576,217, Nov. 27.
Belt conveyer structure. G. Niemitz. 2,539,792, Jan. 30.
Belt, Cooling. I. Goldmerstein. 2,544,381, Mar. 6.
Belt covering machine. O. F. Homeier and L. Scheib. 2,579,822, Dec. 25.
Belt, Driving. E. F. Gingras. 2,557,095, June 19.
Belt fastener. P. A. Siple. 2,574,502, Nov. 13.
Belt, Flexible. C. W. Dean. 2,540,245, Feb. 6.
Belt for cone pulleys. J. W. Huff. 2,578,885, Dec. 18.
Belt for fish lures, Carrying. R. D. Thorn. 2,548,080, Apr. 10.
Belt, Garter. P. Lazare. 2,555,892, June 5.
Belt grinding and polishing machine. S. Bader. 2,578,662, Dec. 18.
Belt grinding machine. R. M. Bell. 2,562,229, July 31.
Belt idler, Self-aligning. S. M. Mercier. 2,570,364, Oct. 9.
Belt loader. A. L. Bureau. 2,542,988, Feb. 27.
Belt loosening and tightening device. A. L. Dahl. 2,570,527, Oct. 9.
Belt, Making. J. A. Hurry. 2,573,642, Oct. 30.
Belt, Maternity garter. P. E. Rosenblatt. 2,569,953, Oct. 2.
Belt positioner. C. M. Stephan. 2,554,964, May 29.
Belt protector for sintering machines. P. W. Gebo. 2,539,070, Jan. 23.
Belt, Sacroiliac. R. E. Davis. 2,543,095, Feb. 27.
Belt, Sacroiliac. C. P. Lampert. 2,554,337, May 22.
Belt, Safety. F. Haller. 2,574,178, Nov. 6.
Belt, Sam Browne. H. C. Cookman. 2,564,564, Aug. 14.
Belt, Sanitary. J. M. Spisak. 2,539,338, Jan. 23.
Belt stretching, truing, and smoothing apparatus, Endless. G. A. Lyon. 2,541,080, Feb. 13.
Belt support structure and forming same. J. Singer. 2,550,647, Apr. 24.
Belt, T. C. Y. Jones. 2,566,768, Sept. 4.
Belt, Tape. W. J. Elvin and G. L. McLuckie. 2,543,903, Mar. 6.
Belt tension adjusting device for laundry machines. M. A. Pocock. 2,539,522, Jan. 30.
Belt tensioner, Gainer. J. L. Laquerre. 2,552,725, May 15.
Belt tightener. I. N. Eustis. 2,566,177, Aug. 28.
Belt tightener and clutch. H. M. Hager and R. J. Kendrick. 2,554,738, May 29.
Belt traction means for V-pulleys. B. H. Locke. 2,548,316, Apr. 10.
Belt transmission driven on a grooved pulley. P. J. Mathieu. 2,554,372, May 22.
Belt unloading mechanism. A. R. Young. 2,563,444, Aug. 7.
Belting. W. Lord. 2,570,576, Oct. 9.
Bench and picnic table, Folding convertible. P. M. Seymour. 2,558,465, June 26.
Bench, Growing. P. A. Voigt. 2,545,717, Mar. 20.
Bench plane with adjustable bit carrier. C. de la Source. 2,572,599, Oct. 23.
Bench plate, Technician's. C. A. Martin. 2,579,844, Dec. 25.
Bench, Reversible. G. F. Bujjoni. 2,557,595, June 19.
Bench stop, Adjustable. J. U. Micheli. 2,571,050, Oct. 9.
Bendable clip box lock. M. C. Andre. 2,553,840, May 22.
Bender, Pipe. H. Bachli and H. S. Shapiro. 2,568,694, Sept. 25.
Bending and stretching apparatus with rotatable and shiftable die support, Metal. L. B. Green. 2,536,738, Jan. 2.
Bending glass, Method and apparatus for. L. V. Black. 2,570,309, Oct. 9.
Bending machine, Portable. E. T. Tal. 2,569,544, Oct. 2.
Bending mold. J. E. Jendrisak. 2,551,607, May 8.
Beneficiation of acidic minerals. D. W. Jayne, H. M. Day, and E. W. Gieseke. 2,569,417, Sept. 25.
Beneficiation of iron ores. W. A. Bates. 2,547,148, Apr. 3.
Beneficiation of reclaim porcelain enamel. D. W. Scott. 2,539,486, Jan. 30.
Benzanthrone halogenation. F. Sievenpiper. 2,563,663, Aug. 7.
Benzanthrone vat dyes methylated in 9-position, Production of. D. I. Randall. 2,547,044, Apr. 3.
Benzene hexachloride, Making. K. C. Kauer, F. N. Alquist, and E. C. Britton. 2,552,562, May 15.
Benzene hexachloride, Manufacture of. A. J. Kolka and H. D. Orloff. 2,555,889, June 5.
Benzene hexachloride, Manufacture of. H. D. Orloff. 2,559,569, July 3.
Benzenes containing sulfur in their allylic or propenylic side chains and preparing them. O. Gaudin. 2,556,963, June 12.
Benzhydryl ethers, Manufacture of. G. Rieveschl, Jr. 2,567,351, Sept. 11.
Benzhydrylurea addition compound and preparing same. R. Duschinsky. 2,544,660, Mar. 13.
Benzodioxan amino alcohols. J. F. Kerwin. 2,551,013, May 1.
Benzoguanamine resin surface coating materials and preparing the same. F. R. Spencer. 2,579,980, Dec. 25.
Benzonitrile, Production of. F. A. Klimitas and H. E. Rasmussen. 2,540,787, Feb. 6.
Benzonitrile, The production of. F. A. Klimitas and H. E. Rasmussen. 2,540,788–9, Feb. 6.
Benzonitriles, Preparation of. J. K. Dixon. 2,553,405, May 15.
Benzyl chloride, Stabilized. J. L. West, Jr. 2,542,225, Feb. 20.
Benzyl phenaceturate. S. T. Rolfson, J. H. Hunter, and J. W. Hinman. 2,555,008, May 29.
Berry box holder. J. B. Ullrich. 2,556,124, June 5.
Berth flap lifter. R. G. Cudini. 2,541,504, Feb. 13.
Berth for sleeping cars and supporting and locking means therefor, Folding. C. L. Fike. 2,541,156, Feb. 13.
Berth leg and anchor. R. G. Cudini. 2,565,204, Aug. 21.
Berth structure. J. W. Patton. 2,541,540, Feb. 13.
Berth supporting leg. G. K. Bradfield, Jr. 2,564,875, Aug. 21.
Beryllium nitride, Preparation of. A. S. Langsdorf, Jr. 2,567,518, Sept. 11.
Beryllium target and manufacture. J. G. Hamilton, T. M. Putnam, and J. H. Wiens. 2,549,596, Apr. 17.
Bessemer steel having reduced strain sensitivity, Manufacture of. H. K. Work and R. R. Webster. 2,578,872, Dec. 18.
Beta-acyloxy carboxylic acids and anhydrides, Preparation of. J. E. Jansen. 2,568,634, Sept. 18.
Beta and gamma chamber, Combination. E. R. Tompkins. 2,538,632, Jan. 16.
Beta-chloro acyl chloride, Preparation of. J. E. Jansen and W. L. Beears. 2,548,161, Apr. 10.
Beta-cyanoethyl derivatives of amino acids and preparing them. L. I. McKinney, J. C. Cowan, and E. H. Uhing. 2,538,024, Jan. 16.

Beta-di-piperonyl-amino-ethanol-hydrochloride. S. Carlsson. 2,574,620, Nov. 13.
Beta-ethylnaphthalene, Production of. J. E. Nickels and W. M. Kutz. 2,570,263, Oct. 9.
β-haloethylamines. J. F. Kerwin and G. E. Ullyot. 2,569,814, Oct. 2.
Beta halo substituted phenethyl amines. L. C. Cheney. 2,548,652, Apr. 10.
Beta-hydroxy monocarboxylic acid esters, Preparation of. J. T. Gregory. 2,568,619, Sept. 18.
Beta irradiation method and means. A. Pregel. 2,559,793, July 10.
Beta-lactones, Preparation of. B. Barnett. Re. 23,396, Aug. 7.
Beta-methylcrotonaldehyde, Preparation of. N. L. Wendler and H. L. Slates. 2,577,867, Dec. 11.
β-naphthyl-(2)-α:α-dialkyl-β-alkyl propionaldehydes and corresponding propanols. K. Miescher and P. Wieland. 2,542,937, Feb. 20.
Beta-phenylpropionic acid, Manufacture of. J. C. Hillyer and J. T. Edmonds. 2,551,674, May 8.
β-pyridyl carbinol acid tartrate. W. M. Lauter. 2,540,680, Feb. 6.
Beta-(pyrrolidyl-1)-propanol-2. E. H. Woodruff. 2,552,502, May 8.
Beta-substituted polymethine dyestuffs, Preparing. L. A. Van de Straete and M. A. Schouwenaars. 2,557,806, June 19.
β-tertiary aminoacrylic esters from alkoxyacrylic esters, Preparation of. P. L. de Benneville. 2,578,788, Dec. 18.
Beta-tertiary aminoethanol ethers of diaryl pyridyl carbinols. R. S. Shelton and C. H. Tilford. 2,566,376, Sept. 4.
Beta-tetrahydrofluoranthoyl propionic acid and salts thereof. O. E. Fancher. 2,560,425, July 10.
Beta-thioalkyl mercaptan promoter-modifiers for conjugated diolefin polymerizations. H. R. Snyder and J. M. Stewart. 2,574,894, Nov. 13.
Beta thioethyl substituted carbonyl compounds as modifiers in ethylene polymerization. R. B. Thompson and L. Schmerling. 2,568,902, Sept. 25.
Bevel seat rim. F. S. Riggs. 2,563,748, Aug. 7.
Bevelled siding, Making. T. H. Ryall. 2,569,831, Oct. 2.
Beveling machine, Sole edge. C. H. James. 2,573,025, Oct. 30.
Beverage and making the same. F. M. Boyles. 2,556,792, June 12.
Beverage brewer. H. W. Peters. 2,567,027, Sept. 4.
Beverage case. A. W. Reed. 2,574,983, Nov. 13.
Beverage dispensing receptacle. J. L. Fine and L. H. Collar. 2,571,433, Oct. 16.
Beverage dispensing valve. F. R. Hassler. 2,574,699, Nov. 13.
Beverage maker, Hot. A. A. Locke. 2,569,820, Oct. 2.
Beverage making apparatus. R. T. Cameron. 2,560,214, July 10.
Beverage sipper. E. W. D. Docter. 2,558,645, June 26.
Beverage tapping bung. W. T. Giles. 2,539,349, Jan. 23.
Bias blocking means to cutoff amplifier during record changing operation. H. H. Scott. 2,559,902, July 10.
Bias cutter. F. B. Pfeiffer. 2,551,762, May 8.
Bias supply. J. A. Rado. 2,539,100, Jan. 23.
Biasing system for magnetic recorders. W. Howey. 2,548,109, Apr. 10.
Bib. L. M. Roe. 2,563,420, Aug. 7.
Bib. A. Savrin. 2,552,462, May 8.
Bib, Child's. J. R. Arseneault. 2,569,915, Oct. 2.
Bib, Disposable baby. K. M. Jesse. 2,571,888, Oct. 16.
Bib for children. D. D. Serebrin. 2,551,907, May 8.
Bicycle article carrier. L. G. McClung. 2,536,071, Jan. 2.
Bicycle brake conserving device. H. H. Henry. 2,579,573, Dec. 25.
Bicycle carrier. J. H. Hill. 2,576,222, Nov. 27.
Bicycle coaster brake disk aligning tool. A. G. Enander. 2,546,665, Mar. 27.
Bicycle drive mechanism. A. L. Gourley. 2,553,367, May 15.
Bicycle fork. L. O. Thorkildsen. 2,561,156, July 17.
Bicycle fork mechanism. W. G. Spencer. 2,550,876, May 1.
Bicycle frame. H. A. Schuricht. 2,550,941, May 1.
Bicycle lock. L. M. Dyson and J. G. Root. 2,544,590, Mar. 6.
Bicycle seat. F. E. Robinson. 2,558,389, June 26.
Bicycle sidecar. R. R. Braun, Jr. 2,537,258, Jan. 9.
Bicycle, tandem, or like frame. E. Mercier. 2,580,118, Dec. 25.
Bicycle, tricycle, and exerciser, Combination. H. S. Williams. 2,541,952, Feb. 13.
Bicycloalkylthiophenes. H. Pines and B. Kvetinskas. 2,553,785, May 22.
Bicyclohexylamine salt of penicillin. D. E. Cooper. 2,578,641, Dec. 11.
Bicyclooctane acetic acid and esters thereof. E. L. Pelton, G. C. Wiggins, and G. M. Corbett. 2,567,026, Sept. 4.
Bidirectional no-back clutch. J. M. Mergen and R. K. Tiedeman. 2,566,705, Sept. 4.
Bifilar inductor. S. Wald. 2,550,891, May 1.
Bifilar suspension for electrical measuring instruments. E. H. Greibach. 2,562,183, July 31.
Bifocal spectacles, Vertically adjustable. H. Ronicker and R. A. Horn. 2,578,318, Dec. 11.

Bifunctional carbonyl compounds from 1,4-dichlorobutane, Production of. A. L. Miller and B. H. Kress. 2,572,943, Oct. 30.
Biguanide derivatives, Manufacture of. F. H. S. Curd. 2,544,827, Mar. 13.
Billboard, Parking meter. A. W. Reitz. 2,554,923, May 29.
Billet, Bimetallic. W. A. Carlson and W. A. Keil. 2,537,207, Jan. 9.
Billet heating. F. O. Hess. 2,547,755, Apr. 3.
Billet piercing apparatus. J. F. Crawford. 2,545,229, Mar. 13.
Billfold. W. R. Whitmer. 2,556,310, June 12.
Billfold and coin purse, Combination. G. E. Bastow. 2,578,390, Dec. 11.
Billfold and purse, Combination. S. Knee. 2,579,833, Dec. 25.
Billfold blank and interlock construction. W. A. Pence and L. S. Spielmann. 2,543,334, Feb. 27.
Billfold closure device. M. Becker. 2,550,216, Apr. 24.
Billfold having a locking tab. G. W. Durham. 2,555,789, June 5.
Billholder, Self-closing. M. M. Yates. 2,550,437, Apr. 24.
Billing machine for dispensing liquid, Automatic. C. S. Hazard and J. Shipman. 2,538,243, Jan. 16.
Billing machine for liquid dispensers, Automatic. C. S. Hazard and J. Shipman. 2,540,617, Feb. 6.
Bimetallic backing for artificial teeth. R. E. O'Morrow. 2,572,377, Oct. 23.
Bimetallic fastener. H. Fruth. 2,575,213, Nov. 13.
Bimetallic piston. C. E. Stevens, Jr. 2,550,879, May 1.
Bimetallic structure. J. B. Brennan. 2,569,149, Sept. 25.
Bin and drier, Sand. J. P. Brunschwyler. 2,552,254, May 8.
Bin and rack, Pipe. E. A. Bender. 2,543,274, Feb. 27.
Bin, Collapsible. H. Skreberg. 2,553,728, May 22.
Bin feeding mechanism. A. L. Boltzen. 2,574,524, Nov. 13.
Bin, Portable supply. K. A. Grahn. 2,555,332, June 5.
Bin, Weighing and dispensing. E. D. and F. Geiger. 2,550,240, Apr. 24.
Binary asphaltic particles. G. B. Mollring. 2,572,744, Oct. 23.
Binary binomial sequential analyzer. R. W. Jones. 2,560,172, July 10.
Binary coding by successive subtractions. P. F. M. Gloess and L. J. Libois. 2,569,927, Oct. 2.
Binary-decade counter. C. A. Bergfors. 2,566,918, Sept. 4.
Binary type electronic counter circuit. R. S. Crenshaw, Jr. 2,541,041, Feb. 13.
Binder, Loose-leaf. M. W. Federbush. 2,568,227, Sept. 18.
Binder detachable hand rest. G. M. Flatin and A. H. Rorvig. 2,579,915, Dec. 25.
Binder element. C. E. Emmer. 2,543,158, Feb. 27.
Binder for foundry compositions. W. E. Koonce. 2,549,822, Apr. 24.
Binder for loose leaves and the like, Transparent. W. Hempel. 2,537,135, Jan. 9.
Binder, Journal. W. C. Hamilton. 2,564,531, Aug. 14.
Binder, Load. L. Haubert. 2,566,061, Aug. 28.
Binder, Loose-leaf. J. A. Purvis. 2,548,618, Apr. 10.
Binder, Loose-leaf. F. S. Schade. 2,553,872, May 22.
Binder, Loose-leaf. F. D. Wedge. 2,552,076, May 8.
Binder, Multiple catalogue. C. J. Panfil, Sr. 2,543,865, Mar. 6.
Binder, Removable loose-leaf. C. J. Panfil, Sr. 2,543,866, Mar. 6.
Binder, Ring. E. M. Phillips. 2,550,597, Apr. 24.
Binder ring closing mechanism. C. D. Trussell. 2,555,947, June 5.
Binder, Sectional. C. D. Trussell. 2,557,521, June 19.
Binder, yarn. E. St. Pierre. 2,559,327, July 3.
Binding. C. E. Emmer and L. A. Valli. 2,555,534, June 5.
Binding agent for core sand from sulfite lye, Manufacture of a novel. F. R. Moser. 2,556,333–4, June 12.
Binding agent in a stable aqueous form and making same, Hardenable. L. Schibler. 2,541,440, Feb. 13.
Binding cylindrical concrete work and apparatus for executing this method. R. G. Séchaud and A. N. F. Metz. 2,554,755, May 29.
Binding guide, L-type. G. E. Smith. 2,546,172, Mar. 27.
Binding laminated material. F. G. and S. H. Dobbs. 2,576,826, Nov. 27.
Binding machine, Edge. W. Adams. 2,570,086, Oct. 2.
Binding mechanism for baling presses, Bale. E. E. Burford. 2,551,873, May 8.
Binding sheet material in piles. A. Blitstein. 2,571,525, Oct. 16.
Binding tape applicator. C. F. McBride and H. G. Kreps. 2,576,621, Nov. 27.
Binocular objective mounting and adjustment. V. E. Carbonara. 2,538,828, Jan. 23.
Binocular, Single eyepiece. L. H. Brown. 2,537,962, Jan. 16.
Biochemical production of enzymes. J. C. Hoogerheide and E. G. Laughery. 2,549,465, Apr. 17.
Biocidal composition. E. M. Owen. 2,536,983, Jan. 2.
Biological oxygen demand reduction process. J. N. Borglin and I. Woodcock. 2,576,442, Nov. 27.
Biological production of citric acid. E. H. Groot. 2,550,243, Apr. 24.

Biological production of riboflavin. T. G. Pridham. 2,578,738, Dec. 18.
Biotin derivatives and preparing the same. D. E. Wolf and K. Folkers. 2,538,139, Jan. 16.
Biotin intermediate. S. A. Harris, R. Mozingo, G. E. Arth, and K. Folkers. 2,571,238, Oct. 16.
Biphenyl compounds. L. L. Bambas. 2,543,271, Feb. 27.
Birdcall, Slidably adjustable. F. D. Walther. 2,544,370, Mar. 6.
Bird calling device. H. E. McMahon. 2,559,781, July 10.
Bird scaring device. H. L. Berger. 2,576,209, Nov. 27.
Bis (alkylbenzyl) dimethyl ammonium halides. P. L. de Benneville and L. H. Bock. 2,569,803, Oct. 2.
Bis-amino alkyl siloxanes and their hydrochlorides. L. H. Sommer. 2,557,803, June 19.
Bis (betachlorethyl)-para-nitrophenyl thiophosphate, Preparing. G. M. Kosolapoff. 2,536,647, Jan. 2.
Bis carbonyl dithiophosphate compounds. A. H. Fischer. 2,574,554, Nov. 13.
Bis-cyanoalkyl amines by ammonolysis of chloralkyl cyanides, Production of. J. W. Teter and J. L. Mostek. 2,552,072, May 8.
Bis-oxazolines. S. P. Rowland. 2,569,428, Sept. 25.
Bis-phthalimido-esters, Production of. S. P. Rowland. 2,547,495, Apr. 3.
Bis-quaternary ammonium compounds. P. L. de Benneville. 2,560,280, July 10.
Bis-succinimido-esters. S. P. Rowland. 2,547,496, Apr. 3.
Bis-(2-azolyl) carbanilides. B. H. Carroll and R. H. Sprague. 2,537,877, Jan. 9.
Biscuit loading mechanism for conveyers. J. W. Smith. 2,576,366, Nov. 27.
Bit: *See*—
- Auger rock drill bit.
- Auger-type drill bit.
- Bridle bit.
- Coring and crushing bit.
- Coring bit.
- Cutter bit.
- Diamond bit.
- Diamond plug or blast hole bit.
- Drill bit.
- Expansible drill bit.
- Expansible rotary drill bit.
- Expansion bit.
- High-speed wood boring bit.
- Mining machine cutter bit.
- Pilot bit.
- Retrievable drilling bit.
- Rotary well drilling bit.
- Soldering bit.
- Thermal shock drilling bit.
- Well drill bit.
- Well drilling bit.

Bit. S. A. Stokes. 2,567,084, Sept. 4.
Bit and holder, Self-adjusting. F. K. Brown, H. F. Phipard, Jr., and G. E. Jenney, Jr. 2,550,635, Apr. 24.
Bit and holder therefor, Reversible. R. J. Stephens. 2,575,239 Nov. 13.
Bit for core drills, Plug insert. H. J. Mader. 2,543,861, Mar. 6.
Bit with detachable blade. H. C. Wilson. 2,577,987, Dec. 11.
Bituminous composition. R. G. Mitchell, S. A. Hunn, R. G. Green, and W. L. Ghijsen. 2,574,930, Nov. 13.
Bituminous composition and making the same. C. S. Reeve and B. A. Anderton. 2,542,706, Feb. 20.
Bituminous compositions. W. F. Jense. 2,550,481, Apr. 24.
Bituminous compositions. M. Naps and H. J. Sommer. 2,550,371, Apr. 24.
Black and white limiter. F. A. Hester. 2,545,463, Mar. 20.
Blackening iron and steel and composition of matter therefor. I. L. Newell. 2,579,752, Dec. 25.
Blade, Air-cooled turbine. A. Franz. 2,568,726, Sept. 25.
Blade and cover blind shutter for cameras. A. B. Fox. 2,537,885, Jan. 9.
Blade and handle for shears, Detachable. O. B. Bray. 2,575,861, Nov. 20.
Blade and handle securing means. M. H. Storch. 2,568,833, Sept. 25.
Blade and jaw construction for cylinder folding mechanisms. A. Meadowcroft. 2,546,075, Mar. 20.
Blade and manufacture, Electrically heated. W. Boyd, G. F. Kelk, and J. E. Clarke. 2,540,472, Feb. 6.
Blade clod masher. G. S. Greeott. 2,574,917, Nov. 13.
Blade for fowl-plucking apparatus. C. R. Kemp. 2,571,042, Oct. 9.
Blade for resilient wheels. J. M. MacLean. 2,544,889, Mar. 13.
Blade holder. O. H. Ladd. 2,566,493, Sept. 4.
Blade magazine. N. Testi. 2,536,109. Jan. 2.
Blade magazine for razors. J. A. Gabriel. 2,576,589, Nov. 27.
Blade magazine with sight opening. J. Muros. 2,573,671, Oct. 30.
Blade or pick for gluers, Heated take-off. L. N. Warren. 2,559,908, July 10.
Blade oscillating means for earth-working implements. P. Lund. 2,553,926, May 22.
Blade protector device. C. C. Goolsbee. 2,554,780, May 29.
Blade, Rotary wing. D. N. Meyers. 2,574,980, Nov. 13.
Blade sharpener. J. J. Kilian. 2,570,690, Oct. 9.
Blade, Surgical saw. H. T. Treace. 2,557,364, June 19.
Bladed roll for working hides. V. H. Meyer and D. M. Ferguson. 2,570,470, Oct. 9.
Bladed tool. T. S. and P. S. Vosbikian. 2,558,697, June 26.
Blades for roofer's slag scraper. M. Conforto. 2,565,841, Aug. 28.
Blading for fluid flow devices. H. Schneider. 2,576,700, Nov. 27.
Blancher or cooker, Rotary. G. T. Hemmeter. 2,537,053, Jan. 9.
Blanching machine. F. M. McBeth. 2,551,148, May 1.
Blanching nuts. P. Green. 2,558,899, July 3.
Blank separating and feeding device. W. W. Maher and H. B. Peterson. 2,567,223, Sept. 11.
Blanket and manufacture, Heat insulating. W. L. Stafford. 2,554,963, May 29.
Blanket, Bag type service. E. Junghans. 2,538,420, Jan. 16.
Blanket combination, Baby. E. B. Shuster. 2,567,082, Sept. 4.
Blanket, Compressive shrinking and finishing. Z. J. Chagnon. 2,536,974, Jan. 2.
Blanket, Electric. H. F. Smith. 2,537,376, Jan. 9.
Blanket, Food protecting. N. T. Jensen. 2,561,798, July 24.
Blanket, Silo. N. Cordis. 2,542,996, Feb. 27.
Blanket tensioning means. W. F. Huck, F. Heller, and A. J. Albrecht. 2,541,254, Feb. 13.
Blanket, Textile print. E. W. Merrill. 2,547,220, Apr. 3.
Blast furnace. H. A. Brassert and F. E. Kling. 2,567,007, Sept. 4.
Blasting assembly. T. Thomson and K. C. Reid 2,563,491, Aug. 7.
Blasting device. F. D. Bickel, R. A. G. Earich and H. A. Lewis. 2,546,686, Mar. 27.
Blasting device. F. D. Bickel, H. A. Lewis, and R. H. Mecklenborg. 2,569,511, Oct. 2.
Bleacher back. F. C. Webber. 2,578,114, Dec. 11.
Bleacher seat splice. J. W. Crichton. 2,557,413, June 19.
Bleaching and filling leather with amino-carboxylic acid-methylol melamine resin. W. O. Dawson. 2,550,638, Apr. 24.
Bleaching and filling leather with amino-sulfonic acid-methylol melamine type resins. W. O. Dawson. 2,550,639, Apr. 24.
Bleaching apparatus, Continuous. H. A. Dameron. 2,554,090, May 22.
Bleaching oils in the presence of steam. R. M. Christenson and R. E. Harpt. 2,569,124, Sept. 25.
Bleaching process, Continuous. J. H. Sanders. 2,555,098, May 29.
Bleeder for water and oil separation, Automatic. R. A. Werts. 2,568,309, Sept. 18.
Blend of isoolefin-diolefin and polychloroprene synthetic rubbers for adhering isoolefin-diolefin rubber to other materials. D. V. Sarbach and G. P. Loomis. 2,541,550, Feb. 13.
Blending alkyd resin and ether of dimethylol urea. H. J. West. 2,541,139, Feb. 13.
Blending apparatus. A. L. Christy. 2,549,169, Apr. 17.
Blending machine. G. C. and W. M. Truslow. 2,565,637, Aug. 28.
Blending of dry powdered materials. V. Urban. 23.
Blending of polystrene with modifiers, Controlled. K. E. Stober. 2,540,146, Feb. 6.
Blending polyethylene-amorphous petroleum wax compositions. R. G. Larsen and A. A. Schaerer. 2,559,645, July 10.
Blending system. J. F. Meissner. 2,579,153, Dec. 18.
Blending viscose solutions, Method and an apparatus for. L. S. Fryer. 2,578,002, Dec. 11.
Blends of butadiene-acrylonitrile rubbery copolymers having a toluene-insoluble "B" gel content of from 30 to 50 per cent and hard resinous styrene-acrylonitrile copolymers. L. E. Daly. 2,550,139, Apr. 24.
Blind assembly nut. W. A. Bedford, Jr. 2,572,588, Oct. 23
Blind attachment device. E. Torosian. 2,563,976, Aug 14.
Blind flying device. M. W. Ortenburger. 2,572,656, Oct. 2,570,168, Oct. 2.
Blind flying trainer. L. R. Susdorf. 2,536,474, Jan. 2.
Blind landing system. R. J. McElhannon. 2,572,043, Oct. 23.
Blind-landing system, Magnetic. G. C. Lawrence. 2,574,490, Nov. 13.
Blind rivet. H. Kearns. 2,542,144, Feb. 20.
Blind, Slatted. R. C. Clark and T. C. Jones. 2,565,840, Aug. 28.
Blinder for poultry, Flexible antipicking. D. Wolfson and H. Seiden. 2,573,942, Nov. 6.
Block: *See*—
- Angle block.
- Building block.
- Carbide tipped gauge block.
- Child's building block.
- Clapper block.
- Dental bite block.
- Die cutting block.
- Electric motor terminal block.
- Electrical terminal block.
- Gated shift block.
- Gauge block.
- Grinding block.
- Hat block.
- Hollow and channel building block.
- Junction block.
- Lens block.
- Lightweight refrigerant block.
- Metal faced building block.
- Multipole magneto rotor charging block.
- Noisemaker building block.
- Paving block.
- Pillow block.
- Reinforced building block.
- Snatch block.
- Shuttle threading block.
- Side block.
- Traveling sheave block.
- Ventilating wall block.

Block and swivel connection, Combination traveling. B. C. Christensen. 2,570,320, Oct. 9.
Block and swivel connector, Combination traveling. B. C. Christensen. 2,556,165, June 12.
Block flue, Prefabricated. L. W. Baylor. 2,539,177, Jan. 23.
Block for internal-combustion engines. F. J. Stuckert. 2,573,116, Oct. 30.
Block for plate type clutches, Rubber. H. C. Goodchild. 2,567,168, Sept. 11.
Block for spectacle cases. E. Nathan. 2,540,542, Feb. 6.
Block for stringing cables, Pulley. R. T. Makie. 2,566,233, Aug. 28.
Block forming apparatus. H. F. Geist. 2,556,754, June 12.
Block handling machine. M. R. Warren. 2,554,433, May 22.
Block indication apparatus for centralized traffic control systems of the normally inactive reversible coded track circuit type. F. T. Pascoe and A. L. Jerome. 2,552,862, May 15.
Block laying guide. J. A. Carini. 2,543,716–17, Feb. 27.
Block material handling machine. H. P. Steinbrecher. 2,574,131, Nov. 6.
Block or segment, Abrasive. A. S. Titcomb. Re. 23,364, May 8.
Block out system for duplicating. R. A. Marquardt and S. C. Morrey. 2,537,359, Jan. 9.
Block removal mechanism for hydraulic block presses, Automatic. G. Kershner. 2,542,817, Feb. 20.
Block set, Storybook. P. Cotton. 2,538,085, Jan. 16.
Blocker and chopper, Cross-row. H. A. Turner. 2,551,475, May 1.
Blocking hats of felted material, Method of and apparatus for. H. W. Hunter. 2,542,676, Feb. 20.
Blocking the bore of a long hollow piston rod. H. C. Weimar. 2,550,925, May 1.
Blood anticoagulant composition. V. R. Swayne, Jr., and G. J. Martin. 2,543,674, Feb. 27.
Blouse. P. A. Landert. 2,556,039, June 5.
Blouse and slip, Combination. L. Kovacs. 2,557,355, June 19.
Blouse, Handkerchief. V. Murphey. 2,565,040, Aug. 21.
Blouse holder. J. C. Farquhar. 2,567,277, Sept. 11.
Blouse holding means. L. I. Serbin. 2,555,817, June 5.
Blow on arc tip. A. S. Caswell. 2,545,341, Mar. 13.
Blowout preventer. A. L. Stone. 2,554,276, May 22.
Blowout preventer and tubing head for pumping wells. G. L. Cardwell. 2,563,155, Aug. 7.
Blowpipe machine. L. W. Young and T. S. James. 2,542,226, Feb. 20.
Blowpipe rod feed mechanism. A. P. Scheller. 2,570,386, Oct. 9.
Blowtorch. S. C. Brody. 2,544,217, Mar. 6.
Blowtorch. F. L. Schweitzer. 2,539,595, Jan. 30.
Blowtorch shutoff hanger. R. F. Gervais. 2,554,856, May 29.
Blower. V. Petr, Jr. 2,548,615, Apr. 10.
Blower. V. Petr, Jr. 2,562,388, July 31.
Blower. J. G. Sawyer. 2,552,118, May 8.
Blower. J. L. Wall. 2,544,813, Mar. 13.
Blower. C. E. Wilken. 2,537,805, Jan. 9.
Blower, Centrifugal. J. E. Oliphant. 2,540,136, Feb. 6.
Blower, Diesel engine exhaust. T. Torell. 2,568,039, Sept 18.
Blower for spinning frames, Dust and lint. L. Y. Herren. 2,549,601, Apr. 17.
Blower pipe access door. G. Slavicek. 2,564,930, Aug. 21.
Blower, Portable. H. E. Clark. 2,543,833, Mar. 6.
Blower with combined air cleaner. A. S. Chipley. 2,548,945, Apr. 17.
Blower with safety switch, Powder. M. E. Griffin. 2,561,860, July 24.
Blowing articles of rubber, etc. H. B. Morris. 2,568,128, Sept. 18.
Blowing of articles. H. B. Morris. 2,568,129, Sept. 18.

Board: *See*—

All - weather recording board.
Adjustable and foldable desk and drawing board.
Batter board.
Bulletin board.
Chair back supported folding ironing board.
Clip board.
Collapsible ironing board.
Collar board.
Columned game board.
Cribbage board.
Display board.
Drawing board.
Electrical terminal board.
Emery board.
Facia board.
Flight progress board.
Folding ball game board.
Grade scoring board.
Insulation board.
Ironing board.
Marble game board.
Movable strip indicator board.
Panel board.
Paper clip board.
Photographic copy board.
Portable collapsible ironing board.
Portable foldable ironing board.
Portable ironing board.
Production control board.
Ringtoss type game board.
Shirt board.
Spotting board.
Steam-heated ironing board.
Taxi dispatch board.
Trimming board.
Writing board.

Board and making same, Composite sheathing. W. W. Wesner. 2,553,227, May 15.
Board and making same, Construction. E. Eger. 2,550,143, Apr. 24.
Board and making same, Corrugated. R. C. McKee. 2,568,349, Sept. 18.
Board and sign, Combination utility. W. Walker. 2,576,983, Dec. 4.
Board construction, Piano sounding. E. J. Schneider. 2,538,801, Jan. 23.
Board for beehives, Combination. C. W. Evans. 2,575,102, Nov. 13.
Board for demonstrating electric circuits. C. E. Ballard. 2,568,535, Sept. 18.
Board for simulated naval games, Game. G. W. Vitale. 2,557,583, June 19.
Board for small size hand luggage, Garment fold. C. Doppelt. 2,554,668, May 29.
Board or table, Two-man glass-cutting. J. A. Koehler. 2,578,811, Dec. 18.
Board structure for hen houses, Drop. T. J. Dobson. 2,553,640, May 22.
Board structure, Ironing. U. K. Johannsen. 2,545,699, Mar. 20.
Board tightening tool. L. C. Clair. 2,552,519, May 15.
Board with adjustable supporting legs, Ironing. E. C. Booth. 2,548,648, Apr. 10.
Board with playing piece receptacles, Folding game. J. E. Huffaker. 2,548,606, Apr. 10.
Boat and trailer, Combination. D. J. Van Oeveren. 2,548,274, Apr. 10.
Boat bailer. L. W. Reitz. 2,565,885, Aug. 28.
Boat carrier for automobiles. G. W. Harder. 2,561,199, July 17.
Boat, Collapsible. F. T. and F. A. Larsson, G. E. Von Dardel, and R. G. Nettelbladt. 2,577,970, Dec. 11.
Boat, Combination hunting and fishing. E. Tveter. 2,562,372, July 31.
Boat construction. F. C. Melchior. 2,569,686, Oct. 2.
Boat construction. F. Riesenecker. 2,554,059, May 22.
Boat construction, Foldable. V. Harasty. 2,545,084, Mar. 13.
Boat cover. A. Skjeveland. 2,542,586, Feb. 20.
Boat dock and the like. J. H. Burnham. 2,571,337, Oct. 16.
Boat docking device. S. O. Flink. 2,558,174, June 26.
Boat, Farm utility. H. Swanson. 2,538,599–600, Jan. 16.
Boat fastening apparatus. F. A. Smith. 2,569,783, Oct. 2.
Boat fender. D. H. Dickson, Jr. 2,578,291, Dec. 11.
Boat fender and life raft, Combination. L. R. Jenkins. 2,546,396, Mar. 27.
Boat, Fishing. A. L. Field. 2,551,431, May 1.
Boat, Folding. L. O. Bergman. 2,549,412, Apr. 17.
Boat-handling and launching apparatus. D. L. Brei. 2,554,398, May 22.
Boat hook. L. J. Calemmo. 2,550,770, May 1.
Boat hull, Concave bottom. R. D. Sweeny and W. L. Coutchure. 2,546,704, Mar. 27.
Boat hull, Metal. G. V. Ventura. 2,546,955, Mar. 27.
Boat hulls, Making. R. M. Brown. 2,569,224, Sept. 25.
Boat, Hydrofoil. N. W. Gardiner. 2,576,716, Nov. 27.
Boat, Jet-propelled. R. J. Hearon. 2,556,619, June 12.
Boat loading and unloading device. P. J. Stephens. 2,572,778, Oct. 23.
Boat mooring arrangement. W. W. Gorman. 2,552,424, May 8.
Boat protecting device. H. H. Johnson. 2,536,551, Jan. 2.
Boat, Salvage. E. F. Chadwick. 2,536,908, Jan. 2.
Boat, Sectional. J. H. Jenkins. 2,569,611, Oct. 2.
Boat structure. D. Hoppenstand. 2,572,623, Oct. 23.
Boat top. O. T. Birdlebough. 2,570,911, Oct. 9.
Boat trailer. E. P. Bonfietti. 2,562,596, July 31.
Boat trailer. J. E. Cunningham and D. R. Combs. 2,571,213, Oct. 16.
Boat trailer. J. H. Mosier. 2,540,279, Feb. 6.
Boat trailer and hoisting mechanism therefor. E. C. Harmanson. 2,571,361, Oct. 16.
Boat trailer and loading and unloading means therefor. A. V. Montgomery. 2,536,563, Jan. 2.
Boat, Welding. H. J. Graham. 2,549,804, Apr. 24.
Bobber. D. G. Trowbridge. 2,575,852, Nov. 20.
Bobber for fish lines. V. L. Perry. 2,575,832, Nov. 20.
Bobber hook. R. W. Deimler. 2,540,716, Feb. 6.
Bobbin and making the same, Weft. R. G. Turner. 2,548,454, Apr. 10.
Bobbin, Antibacklash sewing-machine. A. J. Slodysko. 2,543,475, Feb. 27.
Bobbin carrier. E. J. Eaddy. 2,573,958, Nov. 6.
Bobbin clutch. H. A. Simmons. 2,572,398, Oct. 23.
Bobbin for weft detecting systems. R. G. Turner. 2,548,453, Apr. 10.
Bobbin, Hair curler clamping. A. Teopilian. 2,536,705, Jan. 2.
Bobbin hanger. R. G. Hilbert. 2,565,429, Aug. 21.
Bobbin receiver for weft replenishing looms. R. G. Turner. 2,542,598, Feb. 20.
Bobbin releaser for weft replenishing mechanism. W. A. Blanchard. 2,568,607, Sept. 18.
Bobbin rotation restraining means for sewing machines. H. Ritter. 2,555,658, June 5.
Bobbin spindle construction. J. J. Pichette. 2,559,461, July 3.
Bobbin stripping device. L. Clark. 2,580,003, Dec. 25.
Bobbin with die cast center core. W. H. Miller. 2,542,554, Feb. 20.
Bobbins, Production of cross wound. P. A. Beeftink. 2,539,942, Jan. 30.

Bobby pin. H. E. and R. S. Chapin. 2,556,749, June 12.
Bobby pin spreading device. R. K. Weaver. 2,579,990, Dec. 25.
Bobby pin stripping device. R. K. Weaver. 2,561,039, July 17.
Body attachment for jeeps. J. A. Negin and L. J. Gaspar, Jr. 2,556,101, June 5.
Body encircling article. R. N. Wilbur. 2,574,678, Nov. 13.
Body extension for motor vehicles. R. D. Whittington. 2,556,130, June 5.
Body lifting device. J. D. Gay, Jr. 2,577,885, Dec. 11.
Body lowering apparatus. E. Sokolik. 2,556,118, June 5.
Body structure for vehicles. N. E. Cole. 2,561,098, July 17.
Body-supporting assemblage, Portable. H. A. Almoslino. 2,558,722, July 3.
Body supporting seat. J. C. Barrett. 2,577,949, Dec. 11.
Boiler: *See*—
Directly fired waste-heat boiler.
Egg boiler.
Electric steam boiler.
Electrode type water boiler.
Inclined U water tube boiler.
Multipass boiler.
Steam boiler.
Superheater boiler.
Vertical boiler.
Vertical fire tube steam boiler.
Vertical flue boiler.
Waste heat or surplus heat boiler.
Boiler. C. Z. Alexander. 2,577,728, Dec. 11.
Boiler. H. H. Andersen. 2,546,082, Mar. 20.
Boiler. R. K. Behr. 2,561,839, July 24.
Boiler. C. T. Denker and J. R. Moore. 2,569,294, Sept. 25.
Boiler. C. T. Denker and J. R. Moore. 2,574,913, Nov. 13.
Boiler. A. Kazlauskas. 2,554,861, May 29.
Boiler. E. J. Le Claire and B. J. Heinzman. 2,565,973, Aug. 28.
Boiler. D. L. Swendsen. 2,545,903, Mar. 20.
Boiler and chemical recovery unit, Combined waste-heat. D. Dalin. 2,550,676, May 1.
Boiler circulating system. A. Clarkson. 2,571,540, Oct. 16.
Boiler construction. A. W. Ruff. 2,549,640, Apr. 17.
Boiler control system, Steam heating. L. C. Simmons. 2,566,041, Aug. 28.
Boiler drum and soot hopper construction. I. L. Langvand and G. J. Schoessow. 2,561,875, July 24.
Boiler feed. D. McBride. 2,570,961, Oct. 9.
Boiler feed and fuel control float construction. E. J. Le Claire and B. J. Heinzman. 2,556,588, June 12.
Boiler feed trap. D. McBride. 2,574,341, Nov. 6.
Boiler feed recycling valve combined with a boiler water level control valve. H. J. Campbell. 2,542,624, Feb. 20.
Boiler feed water control, Pressure operated. A. J. Rosenberger. 2,563,374, Aug. 7.
Boiler for natural gas processing systems, Waste heat. W. S. Patterson. 2,552,505, May 8.
Boiler safety device. P. Spence. 2,543,558, Feb. 27.
Boiler scaling tool. B. E. Mills. 2,546,768, Mar. 27.
Boiler skimmer. A. A. Giesen. 2,569,160, Sept. 25.
Boiler tube gauge. A. L. Dale. 2,563,216, Aug. 7.
Boiler unit. G. Steiner. 2,538,169, Jan. 16.
Boiler with adjacent interconnected separately fired boiler. J. Berger. 2,572,100, Oct. 23.
Boiler with upper and lower transverse drums, Water tube. E. K. Mosier and F. X. Gilg. 2,549,843, Apr. 24.
Bolster. H. E. Robertson. 2,551,904, May 8.
Bolster construction for vehicle undercarriages. D. W. Voorhees. 2,560,144, July 10.
Bolt-action firearm. L. S. Singer. 2,543,604, Feb. 27.
Bolt cutter. C. M. McKenzie. 2,539,312, Jan. 23.
Bolt fastener. H. J. Murphy. 2,571,747, Oct. 16.
Bolt fastening device. G. A. Tinnerman. 2,571,786, Oct. 16.
Bolt for hole sealing devices, Toggle head. N. Stevens. 2,540,145, Feb. 6.
Bolt for running boards and the like, Molding. L. B. Steinman. 2,557,773, June 19.
Bolt, Nonloosening safety. J. H. Heckert. 2,537,527, Jan. 9.
Bolt or stud tightener. A. R. Stone. 2,562,831, July 31.
Bolt, Resilient head lock. C. E. S. Place. 2,543,705, Feb. 27.
Bolt retainer and attaching structure for agricultural tractors and implements. W. H. Nordenson and D. J. Mihal. 2,568,928, Sept. 25.
Bolt, Retractor. H. Eichacker. 2,566,284, Aug. 28.
Bolt, Self-locking. E. R. Boots. 2,539,887, Jan. 30.
Bolt, Self-locking. H. B. Rudd. 2,555,661, June 5.
Bolt, Self-locking. J. H. Kindelberger. 2,568,640, Sept. 18.
Bolt, Stabilizing and lubricating pivot. M. D. Schlegel, Sr. 2,537,552, Jan. 9.
Bolt with swinging head. Fastening. H. H. Crafton. 2,578,515, Dec. 11.
Bomb, Aerosol. R. S. Knapp. 2,552,857, May 15.
Bomb, Jet-accelerated armor-piercing. C. N. Hickman, R. L. Graumann, and R. F. Mallina. 2,545,204, Mar. 13.
Bomb, Radio drift. G. L. Kohr and R. L. Freas. 2,551,609, May 8.
Bomb release mechanism. A. T. Potter. 2,571,381, Oct. 16.
Bomb sighting device. O. Boonshoft. 2,546,145, Mar. 27.
Bomb slip and analogous releasable attachment. R. A. Firman. 2,565,172, Aug. 21.
Bomb slip, towing gear, and analogous releasable attachment. R. K. Pierson and R. A. Firman. 2,548,053, Apr. 10.
Bombardment induced conductivity in solid insulators. K. G. McKay. 2,543,039, Feb. 27.
Bonded abrasive. W. P. Swearingen. 2,562,587, July 31.
Bonded alumina refractories and manufacture. H. S. Schroeder and I. M. Logan. 2,569,430, Sept. 25.
Bonded article and bonding. R. S. Ohl. 2,555,001, May 29.
Bonded magnetic core structure. J. G. Ford. 2,579,560, Dec. 25.
Bonding aluminum alloys to steel. W. E. Lynch and R. M. Strain. 2,539,248, Jan. 23.
Bonding aluminum to steel. F. R. Hensel. 2,539,247, Jan. 23.
Bonding and glazing of concrete articles. W. S. Ramsay. 2,562,477, July 31.
Bonding element for friction element assemblies. R. E. Spokes. 2,554,128, May 22.
Bonding metal printing plates to wooden supports. J. F. Manning and M. Seymour. 2,544,169, Mar. 6.
Bonding metals. J. H. Clark, W. Grahn, L. P. Overend, and H. R. Cole. 2,551,244, May 1.
Bonding plywood, an adhesive therefor and making it. W. G. Van Beckum and H. L. Cook. 2,574,803, Nov. 13.
Bonding rubber to glass. A. J. Barry. 2,557,778, June 19.
Bonding rubber to metals. H. B. Hindin, H. S. Howe, and J. G. Walsh. 2,63,113, Aug. 7.
Bonding thermoplastic materials. E. L. Danielson and F. J. Dofsen. 2,565,803, Aug. 28.
Bonding two metal members with an aperture therein. H. A. Towner. 2,550,174, Apr. 24.
Bonding unhexed tubes. M. Newcomer. 2,577,124, Dec. 4.
Bone graft apparatus. H. E. Hipps and E. J. Kupjack. 2,543,780, Mar. 6.
Book- and copyholder. A. R. Keith. 2,572,731, Oct. 23.
Bookbinder. M. H. November. 2,555,290, May 29.
Bookbinding. H. Freeman. 2,579,488, Dec. 25.
Book binding. S. K. Boyajian. 2,551,555, May 1.
Book casing-in machine. J. A. E. Burls. 2,549,890, Apr. 24.
Book, Child's. F. Muhlhauser. 2,548,043, Apr. 10.
Book construction, Pop-up. W. B. Freedman and J. Gettler, Jr. 2,544,783, Mar. 13.
Book, Floatable plastic. H. Ullmann. 2,558,996, July 3.
Bookkeeping device. A. J. Bickel. 2,549,956, Apr. 24.
Bookkeeping machine. G. W. Allan. 2,550,133, Apr. 24.
Bookmark. W. G. Albrecht, Jr. 2,541,735, Feb. 13.
Bookmark and bookholding device. H. A. Jaffin. 2,565,966, Aug. 28.
Bookmarker. R. F. Barsotti. 2,539,687, Jan. 30.
Book marker. O. W. Jolly. 2,557,190, June 19.
Book marker. P. Lang. 2,543,182, Feb. 27.
Book, Match. J. H. Sutton. 2,556,561, June 12.
Book, Musical. L. Patz. 2,570,976, Oct. 9.
Book opening and closing device. C. H. Campbell. 2,540,244, Feb. 6.
Book, Photo record. A. G. De Vry. 2,542,754, Feb. 20.
Book, Picture. F. Townley. 2,546,878, Mar. 27.
Book protector. J. Bauer. 2,551,784, May 8.
Bookrack. B. B. Bergevin. 2,576,993, Dec. 4.
Bookrack, Automatically adjustable. G. Cougias. 2,545,844, Mar. 20.
Bookrest. H. S. Chase. 2,558,931, July 3.
Bookrest. W. G. Finch. 2,573,191, Oct. 30.
Book, Reversible. J. H. Shepherd. 2,544,568, Mar. 6.
Book, Sound-illustrated. H. L. Samuels. 2,546,680, Mar. 27.
Book trimmer, Five-knife four-stage. C. L. Moyer. 2,562,938, Aug. 7.
Book unit rack. C. F. Wolters. 2,537,565, Jan. 9.
Boom. M. Armstrong. 2,545,937, Mar. 20.
Boom for cranes or the like, Adjustable. L. R. Russell. 2,545,047, Mar. 13.
Boom for excavators or the like. B. S. Calvert. 2,560,412, July 10.
Boom for light hoisting. C. B. Garland. 2,571,858, Oct. 16.
Booster device for fluid pressure system. E. R. Price. 2,536,461, Jan. 2.
Booster socket wrench. S. M. Akins. 2,558,897, July 3.
Boot for elevator legs, Automatic grain-cleaning. R. I. Patterson. 2,552,812, May 15.
Boot or the like. C. G. Tranefors. 2,548,753, Apr. 10.
Boot with ankle-hugging sleeve. E. Mangold. 2,569,026, Jan. 23.
Bootjack and boot hook, Combined. C. G. Hilton. 2,571,447, Oct. 16.
Bootee stretcher, Baby. A. B. Reser. 2,567,081, Sept. 4.
Booth, Spray. A. L. Newcomb and O. E. Fenn. 2,536,998, Jan. 2.
Booth, Spray. F. E. Pearson. 2,545,672, Mar. 20.
Booth, Vending or concession. R. E. Taylor. 2,563,886, Aug. 14.
Border clipping device. H. Carter. 2,574,858, Nov. 13.
Border facer. H. A. Smith. 2,569,350, Sept. 25.
Borehole gravity meter. C. H. Fay and R. R. Goodell. 2,570,659, Oct. 9.

Borehole logging, Method and apparatus for. J. E. Sherborne. 2,564,861, Aug. 21.
Bore sight. L. H. Brown. 2,548,861, Apr. 17.
Bore sight. R. S. Cranmer. 2,548,871, Apr. 17.
Bore sighting apparatus. J. A. Broadston. 2,548,700, Apr. 10.
Boresighting device. I. C. Gardner. 2,573,703, Nov. 6.
Bore sighting fixture. P. F. Peterson. 2,544,804, Mar. 13.
Boric acid from sodium borate, Manufacture of. P. J. O'Brien and R. V. Chettle. 2,545,746, Mar. 20.
Boring and drilling apparatus. H. E. Shankweiler. 2,544,617, Mar. 6.
Boring and end mill cutter. F. A. Melzer. 2,557,751, June 19.
Boring attachment for electric hand drills. C. G. Lindell. 2,571,589, Oct. 16.
Boring bar. W. S. Hutchinson. 2,551,948, May 8.
Boring head. J. R. Blanco. 2,564,460, Aug. 14.
Boron carbide material and making same. F. Pfeiffer. 2,575,927, Nov. 20.
Boron-containing aluminum wire and its production. R. T. Whitzel and W. E. King. 2,545,866, Mar. 20.
Boron derivatives of penicillin. S. L. Ruskin. 2,564,505, Aug. 14.
Boron fluoride in ethylidene fluoride for low-temperature polymerization. L. M. Welch and H. L. Wilson. 2,548,415, Apr. 10.
Boron hydrides, Method of and apparatus for the production of. S. D. Lesesne. 2,553,198, May 15.
Bottle breaker. H. H. Smith. 2,555,612, June 5.
Bottle cap. W. P. Cady. 2,544,586, Mar. 6.
Bottle cap. A. G. Edwards. 2,576,580, Nov. 27.
Bottle cap. Y. S. Fong. 2,571,227, Oct. 16.
Bottle cap. M. Robeski. 2,580,322, Dec. 25.
Bottle cap. I. Rossi and W. Dubilier. 2,573,111, Oct. 30.
Bottle cap. H. H. Schweizer. 2,546,566, Mar. 27.
Bottle, cap, and brush. D. J. Nardone. 2,550,586, Apr. 24.
Bottle cap and measuring cup, Combined medicine. J. R. Warne. 2,543,427, Feb. 27.
Bottle cap and spout, Nonrefillable. W. Sandler. 2,577,980, Dec. 11.
Bottle cap lifter. M. S. Cushman. 2,562,842, July 31.
Bottle cap skirt contracting head. W. J. Vedder. 2,541,001, Feb. 6.
Bottle-capping machine. A. H. Edgerton. 2,572,704, Oct. 23.
Bottle capsule. S. Hood. 2,562,423, July 31.
Bottle carrier. E. L. Arneson. 2,537,614–15, Jan. 9.
Bottle carrier. R. H. Casler. 2,575,654, Nov. 20.
Bottle carrier. C. L. Emrick. 2,565,449, Aug. 21.
Bottle carrier. L. Faria. 2,568,436, Sept. 18.
Bottle carrier. H. W. Forrer. 2,537,452, Jan. 9.
Bottle carrier. J. C. A. Fortner. 2,559,150, July 3.
Bottle carrier. C. L. Gilbert. 2,551,559, May 1.
Bottle carrier. R. Guyer. 2,565,683, Aug. 28.
Bottle carrier. R. Guyer. 2,565,810, Aug. 28.
Bottle carrier. M. G. Hall and M. H. Kowal. 2,539,304, Jan. 23.
Bottle carrier. C. Killingsworth. 2,558,182, June 26.
Bottle carrier. M. H. Kowal. 2,570,133, Oct. 2.
Bottle carrier. J. A. Lamprecht. 2,552,439, May 8.
Bottle carrier. S. N. Lebold. 2,558,618, June 26.
Bottle carrier. C. S. Price. 2,563,065, Aug. 7.
Bottle carrier. M. I. Williamson. 2,540,066, Jan. 30.
Bottle carrier. M. I. Williamson. 2,558,712–14, June 26.
Bottle-carrying means. E. L. Bloomquist. 2,575,612, Nov. 20.
Bottle case. R. H. Brady and E. O. Birkner. 2,537,299, Jan. 9.
Bottle closure device. J. J. Detzel. 2,573,552, Oct. 30.
Bottle closure, Vent-type. A. W. Weidner. 2,542,741, Feb. 20.
Bottle container. D. A. Seaver. 2,568,371, Sept. 18.
Bottle disposal receiver. A. C. Kohl. 2,557,001, June 12.
Bottle feeder. A. R. Silva. 2,541,300, Feb. 13.
Bottle for babies, Nursing. C. S. Matthews and L. L. Copley. 2,544,464, Mar. 6.
Bottle forming machine cam. S. E. Winder. 2,554,545, May 29.
Bottle guide, Refrigerator rack. D. D. Allen. 2,572,090, Oct. 23.
Bottle handling apparatus. J. B. Hutaff. 2,543,578, Feb. 27.
Bottle handling apparatus. N. J. Hyatt. 2,553,373, May 15.
Bottle heater. N. B. Doerr. 2,541,218, Feb. 13.
Bottleholder. W. H. Brunell and R. D. Hand. 2,536,419, Jan. 2.
Bottle holder. E. D. Clinehens. 2,552,844, May 15.
Bottle holder. E. Jones. 2,575,056, Nov. 13.
Bottle label remover. C. L. Gerlach and R. W. Marty. 2,573,169, Oct. 30.
Bottle loader for automatic beverage bottle washing machines, Quantity. E. M. Clark. 2,541,809, Feb. 13.
Bottle, Nursing. F. B. Busch. 2,571,010, Oct. 9.
Bottle, Nursing. L. R. Oliver. 2,555,054, May 29.
Bottle package. N. A. Schoelles. 2,576,725, Nov. 27.
Bottle sterilizer rack. G. B. Lee. 2,552,983, May 15.
Bottle stopper, Nondrip dispensing. A. Moy. 2,549,225, Apr. 17.
Bottle support and lock for liquid dispensing apparatus R. W. Woodward. 2,559,815, July 10.
Bottle, Thermoplastic spray. R. P. Vuillemenot. 2,571,504, Oct. 16.
Bottle top seal cutter. H. A. Sneckner. 2 561,758, July 24.
Bottle vendor. E. S. Wegman. 2,541,564, Feb. 13.
Bottle warmer, Electric. R. R. Fisher. 2,555,229, May 29.
Bottle with aeration and dispensing control means, Siphon. C. H. Sollmann. 2,547,052, Apr. 3.
Bottle wrapper holder. L. E. Brackney. 2,540,090, Feb. 6.
Bottling or dispensing container. L. Greiner. 2,543,163, Feb. 27.
Bottom hole separator. J. S. Page. 2,549,706, Apr. 17.
Bottom hole plug for wells. N. C. McIntyre. 2,576,234, Nov. 27.
Bottom hole sampler. W. Ruska. 2,577,210, Dec. 4.
Bottom member for milk bottle carrying cases and the like. E. R. Erickson. 2,565,299, Aug. 21.
Bottom opening suction cleaner. J. T. Ferraris. 2,571,-125, Oct. 16.
Bottom ring for hot tops and mounting means therefor. W. M. Charman. 2,574,815, Nov. 13.
Bottomer, Bag. E. E. Burroughs. 2,570,047, Oct. 2.
Bottoming shoes. J. D. Chandler. 2,549,960, Apr. 24.
Boundary layer control and intake system for aircraft. G. A. Woodward, Jr. 2,580,339, Dec. 25.
Bouquet holder. O. L. Wurzlow. 2,563,202, Aug. 7.
Bow and tacking strip assembly. K. G. Zummach. 2,538,931, Jan. 23.
Bow construction for barges and the like. B. Williamson. 2,546,353, Mar. 27.
Bow construction, Ship's. O. J. Baggerud. 2,543,654, Feb. 27.
Bow for packages, Decorative. B. Y. James. 2,562,919, Aug. 7.
Bow forming and tying jig. J. W. Mitchell. 2,569,943, Oct. 2.
Bow, Package. B. Y. James. 2,562,192, July 31.
Bow shuttle. D. B. Lease. 2,543,914, Mar. 6.
Bow sight. H. C. Hamm. 2,562,187, July 31.
Bow structure for folding tops. J. W. Votypka. 2,556,565, June 12.
Bow tie, Plastic. J. H. Sinton. 2,578,269, Dec. 11.
Bowl and stand assembly, Manicure. V. M. Ward. 2,561,001, July 17.
Bowl control for carry type scrapers. L. T. McGee. 2,566,901, Sept. 4.
Bowl, Folding closet. O. C. Osterhage. 2,567,025, Sept. 4.
Bowl, Salad mixing and serving. M. L. Easton. 2,577,185, Dec. 4.
Bowl structure, Scraper. R. G. Le Tourneau. 2,565,247, Aug. 21.
Bowl with cleanout opening, Water closet. V. Di Marzo. 2,540,812, Feb. 6.
Bowling ball cleaner having a rotary brush, Motor operated. S. A. Jankowski. 2,575,814, Nov. 20.
Bowling game. J. L. Carroll. 2,542,625, Feb. 20.
Bowling game apparatus. C. Metz. 2,541,266, Feb. 13.
Bowling game apparatus, Simulated. L. A. Durant and M. J. Binks. 2,572,456, Oct. 23.
Bowling game ball delivery device. E. A. Hayden. 2,541,583, Feb. 13.
Bowling pin hardening apparatus. H. E. McKenzie. 2,562,807, July 31.
Bowling pin setting machine. W. C. Broekhuysen. 2,559,274, July 3.
Bowling pin setting machine. G. J. Schmidt. 2,578,319, Dec. 11.
Bowling pins, Making. R. E. Clark. 2,568,274, Sept. 18.
Box: *See*—

Adjustable miter box.
Alarm signal box.
Angler's tackle box.
Automatic setup box.
Awning box.
Bait box.
Cable controlled dump box.
Cartridge holding box.
Coin box.
Collapsible box.
Collapsible delivery box.
Collapsible metal box.
Combination mail and news box.
Compartment box.
Conduit box.
Duplex covered mail and news box.
Dustproof box.
Electrical cable connection box.
Electrical outlet box.
Elongated service box.
Face powder box.
Fisherman's bait box.
Fishing tackle box.
Flush type fill box.
Foldable box.
Folding box.
Forming box.
Fur piece box.
Furnace box.
Golf club box.
Hinged cover plastic box.
Hinged lid automatic box.
Jewelry box.
Journal box.
Junction box.
Knockdown fruit box.
Man's jewelry accessory box.
Mixing box.
One-piece lined box.
Overlapped-end box.
Packing box.
Pad box.
Paper making machine flow box.
Pencil box.
Plug box.
Polish rod stuffing box.
Polygonal box.
Portable refrigeration box.
Railway journal box.
Refrigerated commodity box.
Reinforced box.
Reinforced knockdown box.
Round cornered box.
Safety scissors box.
Sectional metal box.
Self-locking box.
Self-locking folding box.
Sewing box.

Box: *See*—Continued.
Sheet metal bread box.
Spooled film developer box.
Spring box.
Stuffing box.
Switch box.
Tablet box.
Tackle box.
Unitary reinforced folding box.
Vanity box.
Wagon box.
Welded journal box.
Box. A. C. Ertner. 2,563,827, Aug. 14.
Box. J. H. Oxley. 2,544,101, Mar. 6.
Box and boat automobile carrier. E. C. Swenson. 2,551,351, May 1.
Box and dispenser, Powder. W. B. Crane. 2,554,489, May 29.
Box and rack, Combined wagon. M. Podnar. 2,546,519, Mar. 27.
Box assembly and polished rod for the same, Liquid seal stuffing. F. B. Bayless and D. A. Chase. 2,544,212, Mar. 6.
Box beam construction for floors. K. L. Bergvall and E. E. Dahlberg. 2,579,446, Dec. 18.
Box blank and box. R. A. Samsing. 2,553,870, May 22.
Box blank folding machine. W. E. Bowersock. 2,574,527, Nov. 13.
Box cap. A. L. Dickson, Jr. 2,564,252, Aug. 14.
Box carrier. D. M. Hazenfield. 2,570,804, Oct. 9.
Box construction. W. F. Barry. 2,547,849, Apr. 3.
Box cover switch. V. R. Despard. 2,558,739, July 3.
Box cutter. B. J. Baran. 2,537,505, Jan. 9.
Box, desk, and seat, Combination typewriter. R. E. Herrick. 2,547,754, Apr. 3.
Box dump, Rotary. G. E. Stilwell and E. A. Verrinder. 2,540,766, Feb. 6.
Box dumper, Covering. G. M. Porter. 2,577,091, Dec. 4.
Box end thrust means, Journal. D. Willison. 2,568,530, Sept. 18.
Box for clothing, Shipping. R. C. Lemon. 2,538,204, Jan. 16.
Box for safety shoes, Metal. W. G. Greenan. 2,537,891, Jan. 9.
Box for sensitized medium used in photographic reproductions. G. N. Bumstead. 2,555,631, June 5.
Box for smoking meat, fish, or poultry, Smoke. P. Nysten. 2,573,772, Nov. 6.
Box for tires, Vacuum shaping. E. S. Thompson. 2,561,958, July 24.
Box forming machine. A. A. Kaehler and E. B. Johnson. 2,554,574, May 29.
Box forming machine, Folding. R. W. Mettler. 2,570,144–6, Oct. 2.
Box framing machine. G. C. Paxton. 2,557,889, June 19.
Box lid support. A. H. Eichholz and H. Samuelson. 2,572,706, Oct. 23.
Box lidding machine. H. D. Benson. 2,536,416, Jan. 2.
Box lidding machine, Wire-bound. L. H. and J. D. Platt, and L. H. Platt, Jr. 2,565,987, Aug. 28.
Box load support. H. C. Pierce. 2,569,731, Oct. 2.
Box making, filling and closing apparatus. F. D. Palmer. 2,558,456, June 26.
Box-making machine. H. J. Goss. 2,541,414, Feb. 13.
Box making machine. G. S. Sillars. 2,561,485, July 24.
Boxmaking system. J. S. Stokes. 2,542,099, Feb. 20.
Box network. M. and A. Rosenberg. 2,554,958, May 29.
Box or carton having interlocking wall elements, Telescoping. R. C. Stenger. 2,565,053, Aug. 21.
Box or tray, Stacking. F. J. Ullrich. 2,569,205, Sept. 25.
Box-part making machine. D. G. Kingsley. 2,578,936, Dec. 18.
Box spring and mattress, Combination. L. E. Warner. 2,560,018, July 10.
Box structure, Camera. H. D. Kirby. 2,553,656, May 22.
Box structure, Convertible. R. F. Weber. 2,564,940, Aug. 21.
Box structure, Safety. R. D. McBride. 2,561,129, July 17.
Box toe and counter materials, Unsupported. C. G. Newton, Jr. 2,572,184, Oct. 23.
Box tool. K. O. Fellroth. 2,546,853, Mar. 27.
Box with a secret compartment, Jewelry. E. V. Mele. 2,564,122, Aug. 14.
Box with attached handles. S. Bergstein. 2,548,252, Apr. 10.
Box with foldable tiered shelves, Display. D. S. Bussey. 2,550,968, May 1.
Box with overlapped end walls. F. D. Bergstein. 2,572,239, Oct. 23.
Box with selective operation means, Music. D. A. Goldman. 2,557,061, June 19.
Box with time controlled latch, Tobacco. R. F. Davis. 2,554,360, May 22.
Boxed produce handling equipment. H. C. Brest. 2,548,767, Apr. 10.
Brace and latching device, Combination lid supporting. J. Calling. 2,551,415, May 1.
Brace and pivotal joint therefor, Surgical. C. L. Invidiato. 2,557,604, June 19.
Brace, Drop-foot. C. L. Invidiato. 2,557,603, June 19.
Brace end. W. A. Smith. 2,544,619, Mar. 6.
Brace for hand luggage, Corner. J. Luft. 2,573,036, Oct. 30.
Brace for holding table legs, Locking. J. B. Adler. 2,567,417, Sept. 11.
Brace, Ladder. E. C. Rein. 2,574,286, Nov. 6.
Brace, Leg. J. H. Murphy. 2,573,866, Nov. 6.
Brace, Leg. A. Seelert. 2,558,986, July 3.
Brace, Leg. W. L. Slodek, Sr. 2,559,473, July 3.
Brace, Orthopedic drop-foot. E. C. Ellery. 2,567,195, Sept. 11.
Brace, Rail. J. H. Asselin. 2,557,494, June 19.
Brace, Spinal. G. H. Triplett. 2,541,487, Feb. 13.
Brace, Sway. J. K. Wood. 2,574,309, Nov. 6.
Brace, Vehicle body. E. S. Grilley. 2,576,397, Nov. 27.
Brace, Welded bolster center. C. M. Wright and L. G. Miller. 2,569,211, Sept. 25.
Bracelet. C. Feid. 2,553,563, May 22.
Bracelet. H. Ferragamo. 2,538,090, Jan. 16.
Bracelet. R. L. Wells. 2,539,110, Jan. 23.
Bracelet and utility holder. H. M. Korth. 2,555,890, June 5.
Bracelet chain construction. E. Prestinari. 2,536,391, Jan. 2.
Bracelet, Expansible. C. M. Bryzek. 2,575,207, Nov. 13.
Bracelet, Expansible. H. F. Ebert. 2,573,415, Oct. 30.
Bracelet, Expansible. G. A. Ingleby. 2,557,292, June 19.
Bracelet for wrist watches. C. E Askholt. 2,536,622, Jan. 2.
Bracelet with strap attachment. L. E. Clendening. 2,563,818, Aug. 14.
Bracket: *See*—
Adjustable bracket.
Adjustable insulator bracket.
Air hose bracket.
Angle cock bracket.
Automobile bracket.
Bathtub supply bracket.
Combination bracket.
Condiment holder supporting bracket.
Cornice bracket.
Curtain and shade bracket.
Curtain rod bracket.
Drapery rod bracket.
Eaves trough bracket.
Folding leg bracket.
Furniture assembly bracket.
Hand line pulley bracket.
Hanger bracket.
Insulator bracket.
Jointed bracket.
Ladder bracket.
Mailbox bracket.
Mailbox name plate bracket.
Maintenance bracket.
Mounting bracket.
Multipurpose bracket.
Pull cord supporting bracket.
Radiator bracket.
Removable sash shade bracket.
Rural mailbox supporting bracket.
Scaffold bracket.
Self-releasing bracket.
Shelf bracket.
Sign bracket.
Table leg clamping bracket.
Table-rail supporting bracket.
Television antenna bracket.
Trestle bracket.
Trestle leg and hinge bracket.
Utility window bracket.
Venetian blind supporting bracket.
Wall bracket.
Window shade bracket.
Bracket. M. Doerhoff. 2,558,347, June 26.
Bracket. H. B. Goodman. 2,551,432, May 1.
Bracket. F. G. Horstmann. 2,548,476, Apr. 10.
Bracket. A. E. Nelson. 2,542,696, Feb. 20.
Bracket. A. E. Nelson. 2,558,058, June 26.
Bracket. F. J. Rock. 2,555,819, June 5.
Bracket and lock therefor. C. F. Vanderveld. 2,576,865, Nov. 27.
Bracket and vent for flexible tanks, Combination. O. G. Blocher. 2,557,861, June 19.
Bracket assembly, Universally adjustable. E. Barany. 2,543,221, Feb. 27.
Bracket construction for lighting arms, Detachable. A. A. Hocher. 2,540,784, Feb. 6.
Bracket construction, Unitary Venetian blind. H. H. Haynam. 2,560,765, July 17.
Bracket for adjusting automobile trays, Instrument panel clamping. J. L. Ashman. 2,549,753, Apr. 24.
Bracket for bedsprings, Side. J. R. Houle. 2,577,685, Dec. 4.
Bracket for building molding forms, Supporting. H. Lindemann. 2,545,437, Mar. 20.
Bracket for cans, Caster. D. Coviello. 2,567,185, Sept. 11.
Bracket for containers, Tilting. N. Martinsen. 2,539,094, Jan. 23.
Bracket for hospital beds, Extension. J. J. Ettinger. 2,550,983, May 1.
Bracket for ladders, Scaffold. I. I. Thorne. 2,544,368, Mar. 6.
Bracket for mounting rollers on overhead doors. H. B. Clark. 2,567,763, Sept. 11.
Bracket for outdoor thermometers, Supporting. H. Jungjohann. 2,541,363, Feb. 13.
Bracket for plungers of flush tanks, Guide. I. J. Musielak. 2,556,658, June 12.
Bracket for shade rollers. E. J. Grigsby. 2,569,756, Oct. 2.
Bracket for supporting an inverted mason type jar containing articles to be dispensed, including a receptacle with rotary valve. F. Poskey. 2,543,934, Mar. 6.
Bracket for supporting cables or pipes. O. H. Lind. 2,567,386, Sept. 11.
Bracket for supporting motors. P. Tresenberg. 2,563,292, Aug. 7.
Bracket for supporting roadway overhang forms. J. B. Templeton. 2,564,935, Aug. 21.
Bracket for universal adjustment. L. Boltuch. 2,537,927, Jan. 9.
Bracket for Venetian blinds. P. J. Harris. 2,568,001, Sept. 18.

Bracket for Venetian blinds, Tape-supporting. E. E. Schaefer. 2,575,977, Nov. 20.
Bracket or support, Collapsible. A. B. Bell. 2,577,399, Dec. 4.
Bracket rod mounting. A. Vanderveld. 2,574,073, Nov. 6.
Bracket supported folding chair. H. J. Criner. 2,541,501, Feb. 13.
Bracket supported folding seat. E. J. Huoer. 2,563,114, Aug. 7.
Bracket supported seat. N. L. Holmes. 2,540,672, Feb. 6.
Braid or cord positioning device for sewing machines. A. G. Ferris. 2,562,780, July 31.
Braided eye for sling. V. C. J. Peterson. 2,575,974, Nov. 20.
Braiding machine. T. T. Bunch. 2,567,694, Sept. 11.
Brake: *See*—

Airplane wheel brake.
Automatic draft controlled brake.
Automatically adjusting brake.
Band brake.
Coaster brake.
Countershaft brake.
Diaphragm operated disk brake.
Disk brake.
Electric brake.
Electric motor brake.
Electromagnetic brake.
Electromagnetic rail brake.
Emergency wheel brake.
Engine heat booster brake.
Expanding brake.
Friction brake.
Hand brake.
Hub brake.
Hydraulic brake.
Hydraulic-mechanical servo brake.
Internal-expanding shoe brake.
Internally expanding brake.
Link mounted brake.
Magnetic rail brake.
Mechanical vehicle brake.
On track railway brake.
Pawl type one-way brake.
Piston type fluid brake.
Portable dynamometer brake.
Roller type brake.
Rotary fluid brake.
Rotor brake.
Safety brake.
Self-energizing brake.
Servo electric brake.
Sheet metal brake.
Spindle brake.
Spring applied-electro-magnetic released brake.
Steering wheel brake.
Strand brake.
Strap brake.
Thread brake.
Vehicle brake.
Weight-applied, solenoid released brake.

Brake. A. Y. Dodge. 2,571,847, Oct. 16.
Brake. M. P. Winther. 2,551,079, May 1.
Brake actuating means, Hydraulic. B. N. Hoffstrom. 2,551,677, May 8.
Brake actuating mechanism. R. E. Bradley and H. Fisher. 2,554,291, May 22.
Brake actuator, Internally expanding. L. N. Lauer. 2,569,012, Sept. 25.
Brake actuator, Trailer. W. H. Parham. 2,552,687, May 15.
Brake adjuster. V. A. Anderson. 2,536,410, Jan. 2.
Brake adjuster. J. J. Sainz. 2,576,971, Dec. 4.
Brake adjuster, Automatic. J. Wilson. 2,562,226, July 31.
Brake adjuster, Automatic hydraulic. R. R. Alvarez. 2,551,081, May 1.
Brake adjusting device. F. Neale. 2,548,044, Apr. 10.
Brake adjusting means. L. R. Pistoles and A. G. Brinsfield. 2,559,830, July 10.
Brake adjusting means. C. E. Tack. 2,550,731, May 1.
Brake adjusting mechanism. P. C. Wilson. 2,566,150, Aug. 28.
Brake adjustment. L. R. Buckendale. 2,560,551, July 17.
Brake and automatic control system for aircraft, Aerodynamic. B. G. Eaton and W. J. Clark. 2,553,642, May 22.
Brake and clutch, Friction. H. R. Amundsen. 2,541,978–9, Feb. 20.
Brake and gas pedal for automobiles, Combination. L. J. Parker. 2,536,854, Jan. 2.
Brake apparatus, Electropneumatic. C. M. Hines and W. B. Kirk. 2,575,958, Nov. 20.
Brake apparatus, Fluid pressure. E. G. Erson. 2,580,348, Dec. 25.
Brake applying mechanism, Automatic. G. Connors. 2,577,071, Dec. 4.
Brake arrangement and slack adjuster therefor. C. E. Tack and F. E. Bachman. 2,550,732, May 1.
Brake arrangement, Car truck. C. E. Tack and F. E. Bachman. 2,550,733, May 1.
Brake arrangement, Load compensating. T. H. Birch and A. V. Nystrom. 2,549,957, Apr. 24.
Brake assembly, Internally expanding. J. P. Butterfield. 2,578,285, Dec. 11.
Brake attachment. B. and R. Lipnicki. 2,544,462, Mar. 6.
Brake beam. O. Otterson. 2,566,744, Sept. 4.
Brake beam assembly, Railway. R. H. Gaver. 2,551,938, May 8.
Brake beam guide. N. Flesch. 2,547,860, Apr. 3.
Brake beam, Railway car. C. R. Busch. 2,570,202, Oct. 9.
Brake beam structure, Railway. H. W. Ekholm. 2,548,595, Apr. 10.
Brake beam support. P. Best. 2,537,002, Jan. 9.
Brake cable actuator, Variable output hand-operated. R. R. Peterson. 2,555,811, June 5.
Brake charging control apparatus, Fluid pressure. A. T. Gorman. 2,538,834, Jan. 23.
Brake clearance maintaining device. A. Van Der Wilt. 2,553,343, May 15.
Brake construction, Disk. L. N. Franklin. 2,548,008, Apr. 10.
Brake construction, Expander tube. C. Hollerith. 2,570,345, Oct. 9.
Brake control apparatus. G. T. McClure and E. G. Erson. 2,548,674, Apr. 10.
Brake control apparatus. R. R. Stevens and R. C. Brooks. 2,558,885, July 3.
Brake control apparatus, Fluid pressure. J. A. Campbell. 2,545,512, Mar. 20.
Brake control mechanism. U. Lillard. 2,552,289, May 8.
Brake control mechanism for crane type vehicles. R. A. Beckwith. 2,569,445, Oct. 2.
Brake control, Safety. H. T. Seale. 2,562,370, July 31.
Brake control system. F. H. Boesche, L. D. Staver, and P. L. Griffith. 2,571,821, Oct. 16.
Brake control system for motor vehicles. J. Weiss and A. Weiss. 2,572,962, Oct. 30.
Brake controlling structure. N. I. Perry. 2,557,758, June 19.
Brake cooling means, Aircraft. P. E. Mercier. 2,552,571, May 15.
Brake cooling system, Friction. J. A. Mason. 2,549,217, Apr. 17.
Brake cylinder closure. L. G. Naumann. 2,565,571, Aug. 28.
Brake cylinder protection valve. F. V. Kennedy. 2,537,273, Jan. 9.
Brake device, Electromagnetic. P. B. Burrus and L. A. Ditmer. 2,543,830, Mar. 6.
Brake device, Hydraulic. S. Severini. 2,566,147, Aug. 28.
Brake drum. H. J. Horn. 2,558,296–7, June 26.
Brake drum, Liquid or air cooled. A. S. Page. 2,568,759, Sept. 25.
Brake drum with cooling means. I. A. Wyant. 2,563,769, Aug. 7.
Brake equalizing system, Magnetic. G. D. Hudson. 2,550,068, Apr. 24.
Brake equipment, Fluid pressure. J. R. Ainsworth. 2,550,900, May 1.
Brake equipment, Fluid pressure. C. O. De Witt. 2,575,946, Nov. 20.
Brake for automobile vehicles and the like. P. Farkas. 2,571,432, Oct. 16.
Brake for automobiles, Automatic parking. E. E. Curtiss. 2,537,514, Jan. 9.
Brake for automotive vehicles, Automatic. C. T. Nickell. 2,554,954, May 29.
Brake for automotive vehicles, Disk. H. T. Lambert and C. R. Myers. 2,555,651, June 5.
Brake for beverage mixers, Spinner. J. Kantor. 2,551,011, May 1.
Brake for beverage mixing machines, Spinner. J. Kantor. 2,577,726, Dec. 11.
Brake for counter dials. C. F. Bane. 2,552,836, May 15.
Brake for fishing reels. A. and O. Kovalovsky. 2,566,803, Sept. 4.
Brake for fishing reels. G. F. Laing. 2,572,496, Oct. 23.
Brake for fishing reels, Automatic. R. L. Allen. 2,579,532, Dec. 25.
Brake for hand trucks. W. H. Gelles. 2,557,183, June 19.
Brake for hoists, Load. C. H. Moffett. 2,576,628, Nov. 27.
Brake for machine tools and the like, Electric. A. E. Pihl. 2,539,468, Jan. 30.
Brake for motor vehicles, Pilot. G. H. Kellogg. 2,563,339, Aug. 7.
Brake for printing press ductor rolls. K. Kummerlen. 2,568,343, Sept. 18.
Brake for rail vehicles, Electromagnetic. A. Zouckermann. 2,542,788, Feb. 20.
Brake for trailer vehicles, Internal expanding. T. A. Bowe. 2,538,232, Jan. 16.
Brake for vehicles, Mechanical. F. R. McGuire. 2,551,448, May 1.
Brake gauge. R. L. Burke and R. E. Wasley. 2,553,525, May 15.
Brake hanger. W. H. Baselt. 2,568,703–4, Sept. 25.
Brake head. C. E. Tack. 2,561,297, July 17.
Brake head and shoe mechanism. C. S. Kelley. 2,553,824, May 22.
Brake head arrangement. N. Flesch. 2,547,572, Apr. 3.
Brakehead arrangement. W. L. Schlegel, Jr. 2,545,213, Mar. 13.
Brake-holder control mechanism. K. A. Harmon. 2,573,196, Oct. 30.
Brake holder system. D. C. Wiseley. Re. 23,408, Sept. 4.
Brake holding and releasing mechanism, Hand. K. Williams. 2,546,081, Mar. 20.
Brake holding attachment for motor vehicles. A. Passarotti. 2,537,697, Jan. 9.
Brake holding device and vacuum switch actuated control circuit therefor. L. B. Forman. 2,574,821, Nov. 13.
Brake lever and lock, Hand. D. S. Devor. 2,553,753, May 22.
Brake lever structure. H. S. Jandus and W. Banta. 2,558,958, July 3.
Brake lining. G. Walters. 2,555,261, May 29.
Brake lining applying mechanism. W. R. Shields and E. R. Marks. 2,541,672, Feb. 13.
Brake lining, Composite. J. A. Albagnac. 2,554,548, May 29.
Brake lining thickness indicator. C. Hagedorn. 2,545,276, Mar. 13.

Brake mechanism. T. R. McGowan. 2,575,825. Nov. 20.
Brake mechanism. S. L. Williams. 2,561,454, July 24.
Brake mechanism, Dual-purpose. L. S. Rither. 2,544,471, Mar. 6.
Brake mechanism for tractor steering, Hydraulic. A. N. Milster. 2,556,287, June 12.
Brake mechanism, Hoist. E. H. Shaff. 2,566,036, Aug. 28.
Brake mechanism, Transversely movable. H. E. Hodgson. 2,554,330, May 22.
Brake operating device, Electrical. C. R. Bacca. 2,551,523, May 1.
Brake operating mechanism, Expanding. I. Waller. 2,558,595, June 26.
Brake operator, Spring applied-electromagnetic. J. F. Tritle. 2,558,594, June 26.
Brake release for motor vehicles, Automatic emergency. R. M. Huey. 2,551,743, May 8.
Brake release, Transmission controlled. T. J. Carmichael. 2,550,403, Apr. 24.
Brake set control. R. H. Sprick. 2,553,119, May 15.
Brake shoe. B. E. House. 2,541,253, Feb. 13.
Brake shoe. R. K. Super. 2,568,777, Sept. 25.
Brake shoe assembly. S. G. Tilden. 2,551,474, May 1.
Brake shoe support mechanism. M. P. Blomberg. 2,571,410, Oct. 16.
Brake shoe treating apparatus. S. P. Lowe. 2,577,534, Dec. 4.
Brake slack adjuster. M. S. Johnson. 2,546,753, Mar. 27.
Brake slack adjuster. C. E. Learn. 2,551,888, May 8.
Brake slack adjuster. A. F. Shields. 2,554,064, May 22.
Brake slack adjuster, Pneumatically actuated. A. F. Shields. 2,554,065, May 22.
Brake structure for platform type casters or the like. D. I. Weisz, C. F. Maroney, and R. W. McGrew. 2,572,548, Oct. 23
Brake system, Fluid. E. F. Gardner. 2,544,785, Mar. 13.
Brake system for amusement park rides. W. B. Schmidt. 2,563,075, Aug. 7.
Brake system for vehicles. F. M. Ambler. 2,578,388, Dec. 11.
Brake system for vehicles, Fluid. R. L. J. Sanmori. 2,538,274, Jan. 16.
Brake system, Hydraulic. H. W. Hart. 2,560,105, July 10.
Brake system, Self-energized. C. Hollerith. 2,569,670, Oct. 2.
Brake system, Tractor-trailer. J. G. Ingres. 2,569,610, Oct. 2.
Brake system, Tractor-trailer. J. G. Ingres. 2,571,885, Oct. 16.
Brake valve assembly. E. F. Loweke. 2,559,886, July 10.
Brake warning, Emergency. S. Ekkelkamp. 2,544,953, Mar. 13.
Brake with antislide control, Air. W. F. Klein. 2,577,897, Dec. 11.
Brake with cocking engagement, Wedge type strand. S. W. Herrington. 2,544,086, Mar. 6.
Brake with emergency weight operator, Fluid pressure. W. T. Bell and A. Crompton. 2,554,235, May 22.
Brake with release signal, Multiple unit locomotive. J. V. V. Elsworth. 2,540,078, Feb. 6.
Braking arrangement for casting reels. K. Siegrist. 2,548,073, Apr. 10.
Braking control system, Regenerative. B. J. Dalton. 2,559,346, July 3.
Braking device for agricultural vehicles. W. M. Woodard and A. E. Taylor. 2,558,917, July 3.
Braking device for towed vehicles. C. Williams. 2,562,008, July 24.
Braking device for web handling apparatus. L. M. Arcement. 2,561,165, July 17.
Braking hub, Back-pedaling. J. C. Hooykaas. 2,569,718, Oct. 2.
Braking system, Fluid pressure. J. F. Shumaker. 2,570,874, Oct. 9.
Braking system for aircraft. H. W. Trevaskis. 2,574,426, Nov. 6.
Braking system for aircraft, Fluid operated. H. J. Butler. 2,555,184, May 29.
Braking system for intermittent feed apparatus. F. K. Maussnest. 2,547,828, Apr. 3.
Braking system with power parking valve, Hydraulic. L. A. Majneri. 2,546,367, Mar. 27.
Branch guide coupler. E. M. Purcell. 2,558,385, June 26.
Branched-chain alkoxyacetals, Making. R. I. Hoaglin and S. F. Clark. 2,564,761, Aug. 21.
Branding device. J. A. Barger. 2,541,684, Feb. 13.
Branding iron heater. H. J. Jurgens. 2,543,781, Mar. 6.
Brank, Hog. B. M. Wassenaar. 2,546,204, Mar. 27.
Brashening of wool. J. Bauer. 2,570,750, Oct. 9.
Bra-slip, Form-fitting. R. S. D'Amato. 2,558,420, June 26.
Brassière. I. F. Basch. 2,539,396, Jan. 30.
Brassière. V. I. Becker. 2,541,147, Feb. 13.
Brassière. P. Ciringione. 2,577,842, Dec. 11.
Brassière. J. Condé. 2,579,365, Dec. 18.
Brassière. S. M. Curran. 2,574,962, Nov. 13.
Brassière. W. F. Davenport and H. A. Smith. 2,544,300, Mar. 6.
Brassière. E. S. Floerchinger. 2,570,932, Oct. 9.
Brassière. A. Garson. 2,541,960, Feb. 13.
Brassière. G. W. Gluckin. 2,559,500, July 3.
Brassière. J. B. Hoffman. 2,540,521, Feb. 6.
Brassière. L. Hunau. 2,537,831, Jan. 9.
Brassière. L. Lindo. 2,554,466, May 22.
Brassière. H. Nelson. 2,540,631, Feb. 6.
Brassière. I. Panes. 2,543,984, Mar. 6.
Brassière. E. P. Ries. 2,542,881, Feb. 20.
Brassière. W. Rosenthal. 2,567,732, Sept. 11.
Brassière. I. Rosner. 2,538,709, Jan. 16.
Brassière. M. Spetalnik. 2,560,706, July 17.
Brassière. S. M. Ullrich. 2,568,175, Sept. 18.
Brassière. K. Van Leuven, Jr. 2,578,954, Dec. 18.
Brassière. R. B. and F. F. Weaver. 2,553,225, May 15.
Brassière. E. G. Wilson and O. W. Gunnels. 2,555,177, May 29.
Brassière construction. I. Kivo. 2,570,819, Oct. 9.
Brassière, Decollété. W. Rosenthal. 2,548,823, Apr. 10.
Brassière device. L. Daché. 2,553,241, May 15.
Brassière garment. T. B. Schaumer. 2,562,582, July 31.
Brassière, Nursing. E. Keller. 2,562,669, July 31.
Brassière, Strapless. E. Cadous. 2,579,545, Dec. 25.
Brazing and removing excess brazing material. T. P. Williams. 2,566,011, Aug. 28.
Brazing cylindrical stocks, Method and apparatus for. C. N. Huntley and C. E. McKinsey. 2,557,745, June 19.
Brazing machine. J. R. Vickery. 2,549,868, Apr. 24.
Brazing process. J. N. Woolrich. 2,550,512, Apr. 24.
Breaching and butting control for cattle. R. E. Warmann. 2,566,437, Sept. 4.
Bread dough finishing machine. C. J. Gareis. 2,574,636, Nov. 13.
Bread, Production of unfermented. W. P. Cohoe. 2,547,566, Apr. 3.
Bread staling. F. W. Miller, Jr., and R. D. Kralovec. 2,564,124, Aug. 14.
Break-away coupling. H. H. Merriman. 2,538,259, Jan. 16.
Break joint frame. H. N. James. 2,540,265, Feb. 6.
Breakout and spinning in apparatus having an axially engageable friction clutch, Combination. O. M. Gahagan. 2,537,403, Jan. 9.
Breaker: *See*—
Seismograph blaster time breaker.
Breaker plate assembly for distributors. S. E. Aldridge. 2,546,710, Mar. 27.
Breaking emulsions. C. M. Blair, Jr. 2,562,878, Aug. 7.
Breaking petroleum emulsions. C. M. Blair, Jr. 2,543,223, Feb. 27.
Breaking petroleum emulsions. M. De Groote. 2,552,528–34, May 15.
Breaking petroleum emulsions. M. De Groote. 2,554,667, May 29.
Breaking petroleum emulsions. M. de Groote. 2,574,544–5, Nov. 13.
Breaking petroleum emulsions. M. de Groote and B. Keiser. Re. 23,432, Nov. 27.
Breaking petroleum emulsions. M. De Groote and B. Keiser. 2,541,990–2,542,013, Feb. 20.
Breaking petroleum emulsions. M. De Groote and B. Keiser. 2,543,489, Feb. 27.
Breaking petroleum emulsions. M. De Groote and B. Keiser. 2,557,081, June 19.
Breaking petroleum emulsions. M. De Groote and B. Keiser. 2,560,333, July 10.
Breaking petroleum emulsions. M. De Groote and B. Keiser. 2,568,115–17, Sept. 18.
Breaking petroleum emulsions. M. De Groote and B. Keiser. 2,571,116, Oct. 16.
Breaking petroleum emulsions. M. De Groote and B. Keiser. 2,571,119, Oct. 16.
Breaking petroleum emulsions. M. de Groote and B. Keiser. 2,574,543, Nov. 13.
Breaking petroleum emulsions. M. de Groote and A. F. Wirtel. 2,574,538, Nov. 13.
Breaking petroleum emulsions. M. de Groote, A. F. Wirtel, and O. H. Pettingill. 2,549,434–9, Apr. 17.
Breaking petroleum emulsions. M. De Groote, A. F. Wirtel, and O. H. Pettingill. 2,558,510–13, June 26.
Breaking petroleum emulsions. R. W. Towne. 2,570,611, Oct. 9.
Breaking petroleum emulsions using certain hydroaromatic analogues of certain hydrophile hydroxylated synthetic products. M. de Groote and B. Keiser. 2,574,536, Nov. 13.
Breaking water and oil emulsions. A. E. Catanach and R. P. Gulley. 2,566,979–80, Sept. 4.
Breast cover. C. L. Langs. 2,553,825, May 22.
Breast form. E. H. Bernhardt. 2,542,619, Feb. 20.
Breast leaf splitting machine. R. L. Bradley. 2,575,406, Nov. 20.
Breathing system, including means for automatic altitude regulation, Oxygen demand. H. Seeler. 2,552,595, May 15.
Breech and firing mechanism for recoilless firearms. W. J. Kroeger and C. W. Musser. 2,537,063, Jan. 9.
Breechblock for explosively actuated fastening tools. S. A. Temple. 2,549,993, Apr. 24.
Breech block return mechanism. P. Müdespacher. 2,557,134, June 19.
Breech bolt lock for automatic firearms, Transversely sliding. C. E. Simpson. 2,576,973, Dec. 4.
Brewer, Automatic coffee. C. N. Waline. 2,547,067, Apr. 3.
Brewer, Beverage. S. H. Frankel. 2,552,420, May 8.
Brewer, Beverage. H. R. Karlen. 2,554,367, May 22.

Brewer, Beverage. H. R. Karlen. 2,558,521, June 26.
Brewer, Beverage. H. W. Peters, C. N. Crossley, and R. J. Gagan. 2,551,219, May 1.
Brewers' worts, Preparation of. R. Seligman and S. W. T. Paine. 2,555,938, June 5.
Brick handling fork mechanism. S. E. Rike. 2,578,016, Dec. 11.
Brickmaking. E. V. Hickey. 2,540,881, Feb. 6.
Brickmaking machine. J. J. Mandryl. 2,545,366, Mar. 13.
Brick scribing and marking device. L. A. Wooten. 2,580,263, Dec. 25.
Brick siding corner construction. J. H. Norrid. 2,537,154, Jan. 9.
Bridge and mobile launching structure therefor. L. P. Frost. 2,556,175, June 12.
Bridge and pickup assembly for string instruments, Combination. C. L. Fender. 2,573,254, Oct. 30.
Bridge arrangement, Electrical. A. D. Blumlein. 2,564,390, Aug. 14.
Bridge block and fastener for spectacle cases, Combined. W. I. Jones. 2,546,755, Mar. 27.
Bridge marking receiver. R. M. M. Oberman and A. Snijders. 2,556,975, June 12.
Bridge network, Electrical. J. W. Whiteley. 2,554,932, May 29.
Bridge plug. A. A. Baker. 2,555,627, June 5.
Bridge unbalance detector, Cathode-ray tube. J. C. Frommer. 2,566,699, Sept. 4.
Bridging plug. G. F. Turechek. 2,546,377, Mar. 27.
Bridging plug setting tool. V. L. Forsyth and L. Dillon. 2,566,323, Sept. 4.
Bridle bit. W. Cratty. 2,555,573, June 5.
Bridle power sealed connection. H. M. Lamb. 2,571,261, Oct. 16.
Brief case. H. Abrams. 2,562,518, July 31.
Brief case. S. H. Lifton. 2,560,297, July 10.
Brief case and traveling bag, Combination. R. Gray. 2,536,169, Jan. 2.
Brightness meter. H. M. Archer and H. A. Boltz. 2,542,299, Feb. 20.
Brine producing and filtering apparatus. D. W. Kaufmann. 2,551,494, May 1.
Briquetting and product thereof. J. H. Gibbs, A. H. Andersen, and A. J. Abbott. 2,548,212, Apr. 10.
Briquetting apparatus. G. Smith. 2,537,920, Jan. 9.
Bristles, Manufacture of. J. M. Schultz. 2,552,221, May 8.
Broach. R. T. and A. I. Bess. 2,574,953, Nov. 13.
Broach. L. J. Kastelic. 2,562,668, July 31.
Broach with work guiding means, Internal. R. N. Tozer. 2,547,509, Apr. 3.
Broaching machine. L. C. Agan. 2,567,093, Sept. 4.
Broaching machine. F. A. Best. 2,546,962, Apr. 3.
Broaching machine. C. R. De Lorme. 2,565,913, Aug. 28.
Broaching machine. C. O. Lofgren. 2,571,904, Oct. 16.
Broaching machine. L. A. Pratt and A. W. Hougland. 2,556,940, June 12.
Broaching machine. B. Welte. 2,539,981, Jan. 30.
Broaching rotating work. W. L. Groene. 2,553,966, May 22.
Broaching tool. W. A. Nimz. 2,538,844, Jan. 23.
Broadcast system, Relay satellite. W. Darling. 2,545,197, Mar. 13.
Broadcaster. H. R. Morrison. 2,564,494, Aug. 14.
Broiler. W. Kennedy. 2,572,870, Oct. 30.
Broiler. E. P. Tyler. 2,550,889, May 1.
Broiler, Barbecue. J. M. Harris. 2,556,808, June 12.
Broiler, Camp. W. O. Russell. 2,545,005, Mar. 13.
Broiler-griddle, Rotatable automatic. R. E. Staples. 2,542,265, Feb. 20.
Broiler, Rotary. P. Staltare. 2,537,378, Jan. 9.
Broiler unit. A. Kapit and E. Kapit. 2,542,335, Feb. 20.
Broken strand indicator. J. Turner. 2,579,407, Dec. 18.
Bromate ion-sulfoxy compound catalyst system in aqueous polymerization process. E. G. Howard, Jr. 2,560,694, July 17.
Brominated phthalic anhydride, Manufacture of. T. R. Liston, S. M. Spatz, R. A. Mazur, and F. J. Glick. 2,558,862, July 3.
Bromophenacetin, Preparation of. J. C. Krantz, Jr. 2,538,105, Jan. 16.
Bromo-trichloro butenyl acetate. E. C. Ladd. 2,554,533, May 29.
Bronzing machine. L. Faller. 2,564,680–1, Aug. 21.
Bronzing machine. L. Faller. 2,574,633, Nov. 13.
Brooder. S. M. Beringer. 2,562,691, July 31.
Brooder, Chick. E. Berg. 2,546,536, Mar. 27.
Brooder, Chicken. V. C. Tankersley. 2,544,189, Mar. 6.
Brooder, Electric chick. J. H. Oliver. 2,542,699, Feb. 20.
Broom holder. A. Biery. 2,550,956, May 1.
Broom, Power sweeper. A. E. Carlson and C. W. Mott. 2,553,748, May 22.
Brown oxide of iron, Preparation of. L. M. Bennetch. 2,574,459, Nov. 13.
Brownprint fixing composition containing alkali thiosulfate, alkali oxalate, and a surface active wetting agent. J. F. Kienast. 2,578,075, Dec. 11.
Brush. J. G. Baumgartner. 2,558,334, June 26.
Brush actuated tooth powder dispenser. L. E. Stone. 2,556,826, June 12.
Brush adjustment for suction cleaners. C. H. Sparklin. 2,541,117, Feb. 13.
Brush and beater roll for vacuum cleaners. F. O. Skidmore. 2,574,128, Nov. 6.
Brush and bog plow coulter. H. E. Nielsen. 2,551,629, May 8.
Brush and flow control valve, Soap dispensing fountain. F. H. Ellinger. 2,557,267, June 19.
Brush and making same. L. R. B. Hervey. 2,562,716, July 31.
Brush and scraper for boots. P. Staheli. 2,558,393, June 26.
Brush and scraper unit. V. D. Wood. 2,576,325, Nov. 27.
Brush and shrub killer. E. B. Stull. 2,557,618, June 19.
Brush and spindle construction for pan greasing machines. A. B. Peffer. 2,547,091, Apr. 3.
Brush assembly for vacuum cleaners, Adjustable. C. H. Sparklin and F. S. Howard. 2,568,772, Sept. 25.
Brush assembly, Motor-driven. F. Novak. 2,558,455, June 26.
Brush, Bath. B. B. Gamble. 2,576,338, Nov. 27.
Brush carried by closure, Extensible. T. A. Finney. 2,538,447, Jan. 16.
Brush carrying device for cleaning articles of clothing. M. Zucker. 2,546,288, Mar. 27.
Brush chopping machine. D. R. Garretson. 2,537,404, Jan. 9.
Brush cleaning apparatus. O. L. Newton and L. M. Erickson. 2,546,041, Mar. 20.
Brush container. F. Lieberman. 2,552,333, May 8.
Brush, Dabbing. G. M. Wilcox and F. D'Angelo. 2,550,509, Apr. 24.
Brush device for cleaning soles of shoe, Reciprocating. C. R. Aben. 2,577,294, Dec. 4.
Brush drive mechanism for carpet sweepers. E. E. Rigby. 2,563,189, Aug. 7.
Brush, Fluid propelled pipe-line. L. B. Moon. 2,552,339, May 8.
Brush, Foldable toilet. L. C. Davis. 2,566,442, Sept. 4.
Brush for columnar evaporator and the like, Cleansing. G. G. Zahm. 2,554,546, May 29.
Brush for floor treating machines. G. W. Breuer, C. W. Lanter and W. R. Lorr. 2,539,054, Jan. 23.
Brush for lawn sweepers, Rotary. A. J. Root. 2,552,382, May 8.
Brush for Venetian blinds and the like, Suction. J. M. Ines. 2,558,253, June 26.
Brush guide, Nail polish. A. McKinney, Jr. 2,559,825, July 10.
Brush head, Retractable. J. L. Livermore. 2,545,091, Mar. 13.
Brush holder. E. E. Anderson. 2,566,650, Sept. 4.
Brush holder. E. S. Dunton. 2,566,877, Sept. 4.
Brush holder. C. S. Holton. 2,550,248, Apr. 24.
Brush holder and assembling same into electric motors. M. H. Spielman. 2,537,714, Jan. 9.
Brushmaking machine. A. L. Le Febvre. 2,572,498, Oct. 23.
Brushmaking machine. A. L. Le Febvre and M. H. Strong. 2,542,687, Feb. 20.
Brush manufacture. R. O. Peterson and V. K. Charvat. 2,580,378, Dec. 25.
Brush, Marking and lettering. L. J. Petion. 2,543,195, Feb. 27.
Brush mechanism. C. A. Thomas. 2,536,827, Jan. 2.
Brush moistener. A. C. Hummel. 2,575,495, Nov. 20.
Brush of the push broom type. A. L. Le Febvre. 2,561,025–6, July 17.
Brush package. P. A. Fryda. 2,570,105, Oct. 2.
Brush packaging. L. R. Schumann. 2,552,740–1, May 15.
Brush, Power-driven clothes-cleaning. R. O. Hooban. 2,578,549, Dec. 11.
Brush, Pressure feed fountain. L. F. Perwas. 2,544,857, Mar. 13.
Brush protector. H. G. Parsons. 2,555,810, June 5.
Brush, Removable bristle. H. A. Brown and E. E. Hobbs, Sr. 2,558,290, June 26.
Brush, Rotary. J. V. Mertes. 2,576,408, Nov. 27.
Brush, Rotary. G. T. Meyer and O. Dreher. 2,575,635, Nov. 20.
Brush, Shaving. J. F. Fitzgerald. 2,548,429, Apr. 10.
Brush shunt protector. E. Martin. 2,541,527, Feb. 13.
Brush structure with bristles held in channel strip. C. G. Rowland. 2,542,709, Feb. 20.
Brush, Surgical hand. J. G. Baumgartner. 2,546,291, Mar. 27.
Brush, Tube cleaning. W. Chandler. 2,559,757, July 10.
Brush, Type cleaning. J. F. Kelley and D. E. Shattuck. 2,573,201, Oct. 30.
Brush, Venetian blind dusting. H. S. Bush. 2,552,366, May 8.
Brush, Water wheel driven. W. F. Boyle. 2,540,240, Feb. 6.
Brush with flat wire elements. C. G. Rowland. 2,565,047, Aug. 21.
Brush with resilient radial scraping bristles, Flue cleaning. W. S. Johnson. 2,536,185, Jan. 2.
Brush with separate handle, container, and brush base. Fountain. D. Kumpman. 2,548,729, Apr. 10.
Brushes, Making. J. A. Starr. 2,576,546, Nov. 27.
Brushing and vacuum cleaning apparatus, Combined. A. J. Beckett. 2,536,902, Jan. 2.
Brushing apparatus, Soap-solution producing hand. C. H. Schaar and G. J. Zilligen. 2,545,110, Mar. 13.

Brushing machine, Container. A. F. Darrah. 2,556,389, June 12.
Brushing machine, Demountable. G. M. Smith. 2,548,826, Apr. 10.
Bubble blower. A. R. Corbitt. 2,561,974, July 24.
Bubble-blowing device. F. G. Ludwig. 2,574,117, Nov. 6.
Bubble cap. H. N. La Croix. 2,576,946, Dec. 4.
Bubble cap and downspout unit. W. R. Kinnaird. 2,551,016, May 1.
Bubble cap assembly. J. P. Dunn. 2,578,881, Dec. 18.
Bubble cap assembly. H. C. Glitsch. 2,547,384, Apr. 3.
Bubble cap hold-down device. E. J. Winters. 2,580,260, Dec. 25.
Bubble cap riser. H. C. Glitsch. 2,547,383, Apr. 3.
Bubble forming and propelling device. A. M. Steiner and M. Unger. 2,553,388, May 15.
Bubble gun. N. J. Limber. 2,560,582, July 17.
Bubble level, Adjustable. C. J. Dodson. 2,541,641, Feb. 13.
Bubble maker, Mechanical hand powered soap. G. J. King. 2,547,825, Apr. 3.
Bubble pipe and tethered ball, Combined. M. Sturm, Jr. 2,542,100, Feb. 20.
Bubbler outlet and deflection plate for water coolers. J. J. Corey. 2,578,047, Dec. 11.
Bucket attachment for tractor mounted forks. N. A. Nelson. 2,577,977, Dec. 11.
Bucket, Clamshell. J. G. Caillard. 2,561,649, July 24.
Bucket, Clam shell. T. J. Simanek. 2,557,575, June 19.
Bucket, Combined fish and bait. K. L. Nicodemus. 2,573,352, Oct. 30.
Bucket elevator for hydrocarbon conversion systems. S. M. Mercier. 2,570,363, Oct. 9.
Bucket, Foliage removal. L. R. Uhland. 2,571,502, Oct. 16.
Bucket for coffee urns, Demountable leecher. D. F. Swanson. 2,539,708, Jan. 30.
Bucket for transporting concrete or the like. L. J. Sarosdy. 2,577,922, Dec. 11.
Bucket, Live bait. W. Comello. 2,568,221, Sept. 18.
Bucket, Minnow. R. Clark. 2,550,533, Apr. 24.
Bucket, Minnow. W. W. Faris. 2,539,412, Jan. 30.
Bucket, Minnow. R. A. and R. Grimshaw, Jr. 2,564,598, Aug. 14.
Bucket, Minnow. W. T. Houser. 2,542,412, Feb. 20.
Bucket, Minnow. W. Klatt. 2,538,462, Jan. 16.
Bucket, Minnow. R. T. Renfro, Sr. 2,573,109, Oct. 30.
Bucket, Ring top. R. J. Gollong. 2,575,446, Nov. 20.
Bucket unloading and loading device. N. B. Greene and E. J. Lloyd. 2,540,200, Feb. 6.
Buckle. B. Björkström. 2,547,557, Apr. 3.
Buckle. C. Delucchi. 2,563,314, Aug. 7.
Buckle. R. W. Johnson. 2,569,933, Oct. 2.
Buckle. H. J. Streyckmans. 2,553,390, May 15.
Buckle. P. W. White. 2,573,527, Oct. 30.
Buckle. P. W. White and J. J. Schutz. 2,549,735, Apr. 17.
Buckle, Adjustable locking. A. J. Gore. 2,552,957, May 15.
Buckle and strap, Stirrup. J. H. Baker. 2,567,314, Sept. 11.
Buckle, Belt. W. A. and T. J. Critchley. 2,548,200, Apr. 10.
Buckle, Belt. A. Garay. 2,538,938, Jan. 23.
Buckle, Clamping. O. H. Griswold. 2,537,307, Jan. 9.
Buckle, Fabric covered. S. Lerma. 2,577,898, Dec. 11.
Buckle guard, Watch or other strap. A. Lombardo. 2,554,369, May 22.
Buckle, Quick-release automatic strap. E. C. Elsner. 2,538,641, Jan. 16.
Buckle, Self-clamping. L. Steiner. 2,554,686, May 29.
Bucky grid and making same. S. W. Strickman. 2,566,998, Sept. 4.
Buff. E. Sandman and E. R. Sykes. 2,556,044, June 5.
Buffer. J. H. Le Rette. 2,546,102, Mar. 20.
Buffer. G. R. Munro. 2,540,630, Feb. 6.
Buffer assembly, Hydraulic. W. T. Fulton. 2,541,234, Feb. 13.
Buffing apparatus. G. A. Lyon. 2,576,131, Nov. 27.
Buffing chuck. J. Hulse. 2,560,111, July 10.
Buffing compounds. C. B. F. Young. 2,570,904, Oct. 9.
Buffing mechanism. K. Williams. 2,548,088, Apr. 10.
Buffing or polishing composition. T. F. Onkey. 2,540,376, Feb. 6.
Buffing wheel. F. E. Hendrickson. 2,574,037, Nov. 6.
Buffing wheel. C. F. Schlegel. 2,548,623, Apr. 10.
Buffing wheel. A. B. Stafford. 2,553,793, May 22.
Buffing wheel and making the same. G. A. Lyon. 2,571,147, Oct. 16.
Buffing wheel or wheel section. E. W. Hall. 2,560,764, July 17.
Buffing wheels, Making. G. A. Lyon. 2,571,148, Oct. 16.
Buggy, Marsh. J. P. Crain. 2,560,384, July 10.
Builder motion. G. E. Repass. 2,558,526, June 26.
Building and parking arrangement. H. A. Toulmin, Jr., 2,580,204, Dec. 25.
Building block. E. A. Stewart. 2,558,630, June 26.
Building block. H. and G. Steinhage and H. J. Wetzels. 2,550,945, May 1.
Building block lifting tool. R. S. Deans and A. B. Cottrill. 2,541,863, Feb. 13.
Building construction. E. D. Bloye. 2,554,396, May 22.
Building construction. L. S. Bonney. 2,563,703, Aug. 7.
Building construction. M. Clements. 2,542,859, Feb. 20.
Building construction. C. C. Droeger. 2,553,363, May 15.
Building construction. G. B. Heijmer, B. E. Sandå, and K. G. Trobeck. 2,541,871, Feb. 13.
Building construction. J. F. Lankton. 2,562,050, July 24.
Building construction. J. H. McAuliffe, Jr. 2,542,151, Feb. 20.
Building construction. H. E. Sage. 2,573,987, Nov. 6.
Building construction. C. F. Schaaf. 2,553,679, May 22.
Building construction. J. R. Swisher, Sr., and J. R. Swisher, Jr. 2,568,133, Sept. 18.
Building construction. C. J. Vogel. 2,574,074, Nov. 6.
Building dry seal, piston-type gas holders. J. W. Allen. 2,554,768, May 29.
Building facing. J. C. Udd. 2,564,288, Aug. 14.
Building having an obtuse-angled outer circumference. J. van Hulst. 2,566,099, Aug. 28.
Building material, Cement wool. H. Hansen. 2,539,904, Jan. 30.
Building mechanism, Bunch. G. E. Repass. 2,558,198, June 26.
Building of nonpermanent bridges chiefly for military purposes by means of amphibian seaplanes. C. A. M. E. Odot. 2,579,605, Dec. 25.
Building pneumatic tires. G. R. Cuthbertson and R. R. Miller. 2,541,506, Feb. 13.
Building, Portable knockdown. A. Heiles. 2,564,691, Aug. 21.
Building slab, Interlocking. E. L. Davis. 2,544,983, Mar. 13.
Building structure. H. C. Mortenson. 2,543,122, Feb. 27.
Building structure. C. J. St. Vincent. 2,550,883, May 1.
Building structure. V. C. Shadgen. 2,575,474, Nov. 20.
Building structure. K. Wachsmann. 2,559,741, July 10.
Building structure. J. J. Whelan. 2,574,307, Nov. 6.
Building structure and tile unit therefor, Radiant heated. W. R. Bovard. 2,536,258, Jan. 2.
Building structure, Insulated. H. M. Day and G. H. Urban. 2,565,206, Aug. 21.
Building wall construction. E. Goenner. 2,577,323, Dec. 4.
Building wall construction. C. J. Roos. 2,538,328, Jan. 16.
Building wall framing. H. S. Shannon. 2,539,279, Jan. 23.
Built-up container. I. Goldman. 2,554,021, May 22.
Bulb changer, Electric lamp. A. L. Odenthal. 2,545,043, Mar. 13.
Bulb construction for thermostats. W. W. Carson, Jr. 2,572,446, Oct. 23.
Bulb, Electric light. M. Bloese. 2,561,460, July 24.
Bulge controller for garment pockets. C. J. Hepp. 2,565,023, Aug. 21.
Bulk egg breaking and separating. O. E. Droege, C. Hale, and P. Schauert. 2,550,189, Apr. 24.
Bulk granular material transporting vehicle. T. W. Cline. 2,545,766, Mar. 20.
Bulkhead and air circulating fan assembly for refrigerator cars, Convertible. W. E. Van Dorn and P. K. Beemer. 2,544,242, Mar. 6.
Bulkhead structure, Movable. J. S. Lundvall. 2,546,646, Mar. 27.
Bulk polymerization of vinyl compounds using a sulfinic acid catalyst. P. Castan and O. Haggers. 2,567,803, Sept. 11.
Bulldozer attachment for tractors. E. C. Alexander. 2,559,816, July 10.
Bulldozer attachment for tractors. J. F. Schneider. 2,554,505, May 29.
Bulletin board. W. B. Ward. 2,544,404, Mar. 6.
Bullets, Making. F. N. Barnes. 2,571,520, Oct. 16.
Bumper and fender construction. W. J. Krueger. 2,562,620, July 31.
Bumper and grille, Combined. C. R. Johnson. 2,578,068, Dec. 11.
Bumper and screen plate combination for rotary hammer mills. J. Harrenstein. 2,543,164, Feb. 27.
Bumper attachment. M. E. Dayton and C. R. Polstra. 2,542,907, Feb. 20.
Bumper attachment for chain saws, Adjustable. A. W. Mall and W. L. Gorden. 2,567,886, Sept. 11.
Bumper device, Motor vehicle. E. F. Druilhet. 2,555,436, June 5.
Bumper, fender, and stand assembly, Motorcycle rear. W. J. Harley. 2,574,739, Nov. 13.
Bumper grill hitch, Combined. D. A. Schonauer. 2,537,553, Jan. 9.
Bumper guard. W. F. Koch. 2,555,795, June 5.
Bumper guard for vehicle jacks, Automobile. F. W. Slack. 2,556,006, June 5.
Bumper jack. H. A. Thorndike. 2,549,862, Apr. 24.
Bumper, Vehicle. M. L. Jurasevich. 2,541,364, Feb. 13.
Bunch building mechanism for spinning or winding machines. W. H. Buckner. 2,574,015, Nov. 6.
Bunch charge forming mechanism. R. E. Rundell. 2,571,618, Oct. 16.
Bunch tier. H. Kohler. 2,550,824, May 1.
Bundle binder. B. A. Moore. 2,564,442, Aug. 14.
Bung and pintle assembly for shade rollers. F. J. Burns, 2,538,827, Jan. 23.
Bung opening. C. E. Vanderholt. 2,567,628, Sept. 11.
Bunion protector. E. C. Ryan. 2,556,887, June 12.

Bunk stake equipment. E. E. Jorgensen and L. Johnson. 2,546,511, Mar. 27.
Bunk, table, and seats for jails and the like, Combination. L. J. White. 2,572,435, Oct. 23.
Buoy. C. Van Deventer. 2,553,798, May 22.
Buoy, Marking. F. C. Kist. 2,562,922, Aug 7.
Buoy, Submersible. L. I. Yeomans. 2,546,956, Mar. 27.
Buoy, Swimmer's life. W. J. Lund. 2,547,333, Apr. 3.
Buoyancy responsive apparatus. J. R. Hicks. 2,564,305, Aug. 14.
Buoyant hatch cover. E. L. Bush. 2,564,051, Aug. 14.
Buoyant sustaining seat. C. R. Barnes. 2,562,080, July 24.
Buoyant tow and communication line. G. E. Forsberg. 2,577,077, Dec. 4.
Burglar alarm switch. R. J. Owens. 2,554,588, May 29.
Burglar and fire safety switch. K. C. Istrati and L. A. Beaudry. 2,563,335, Aug. 7.
Burglarproof lock. J. J. Walsh. 2,541,563, Feb. 13.
Burial vault cover receiving and handling apparatus. W. Boehme. 2,537,812, Jan. 9.
Burner: *See*—
- Air heating gas burner.
- Combination baking and broiling gas burner.
- Combination oil and gas burner.
- Combustion tube fluid fuel burner.
- Controlling pilot burner.
- Fuel and air diffuser burner.
- Fuel burner.
- Gas and oil burner.
- Gas-fired conversion burner.
- Incandescent gas burner.
- Ink drying burner.
- Internal gas burner.
- Liquid and gaseous fuel burner.
- Liquid fuel burner.
- Manually maneuverable weed burner.
- Multijet oil burner.
- Multiple gas burner.
- Oil burner.
- Pilot burner.
- Radiant bowl gas burner.
- Reciprocating liquid fuel burner.
- Rotary atomizing liquid fuel burner.
- Rotary vaporizing oil burner.
- Rotating atomizing cup burner.
- Sheet metal multiple gas burner.
- Sheet-metal oven gas burner.
- Thermostatically controlled vaporizing fuel burner.
- Trash burner.
- Vaporizing manifold type liquid fuel burner.
- Vaporizing oil burner.
- Vaporizing pot type burner.
- Vaporizing type liquid fuel burner.
- Vaporizing type oil burner.
- Vortical flame gas burner.
- Waste gas burner.
- Water-cooled fluid fuel burner.
- Wick type liquid fuel burner.
- Wick type removable oil burner.

Burner and control therefor, Combination gas and oil. C. C. Young. 2,547,611, Apr. 3.
Burner and control therefor, Gaseous fuel. R. E. Yates, J. M. Engel, and W. W. Riesche. 2,538,952, Jan. 23.
Burner and flame detector assembly, Pilot. S. K. Malek. 2,544,930, Mar. 13.
Burner and flame shield, Gas. J. R. Williams. 2,559,527, July 3.
Burner and flame spreader, Gaseous fuel. J. E. Van Tuyl. 2,549,347, Apr. 17.
Burner and fuel cutoff system, Oil. H. E. Earl. 2,554,491, May 29.
Burner and means for removing products of combustion, Radiant gas. E. Blaha. 2,547,735, Apr. 3.
Burner and pilot ring structure, Vaporizing type. R. N. St. John and S. E. McClymonds, Jr. 2,554,474, May 22.
Burner and removable liner members, Internal gas. E. G. de Coriolis and W. Lehrer. 2,543,688, Feb. 27.
Burner and secondary air feed baffles, Multiple gaseous fuel. C. A. Brown. 2,547,850, Apr. 3.
Burner and surrounding baffle ring, Annular. W. W. Taylor. 2,559,265, July 3.
Burner and torch igniter unit with fuel vaporizing tubes, Multiple fuel jet. F. D. M. Williams. 2,541,900, Feb. 13.
Burner assembly for the combustion chambers of internal-combustion turbines. G. Oulianoff. 2,575,889, Nov. 20.
Burner assembly, Gas. A. Clarkson. 2,549,427, Apr. 17.
Burner base for hot-water tanks. M. G. Burwell. 2,549,755, Apr. 24.
Burner cap structure. F. J. Port, J. R. Hall, and C. L. Turner. 2,560,984, July 17.
Burner control, Automatic. P. G. Frerer. 2,567,702, Sept. 11.
Burner control and ignition switching mechanism for providing a purging period, Safety. H. C. Nycum and C. O. Baird. 2,575,289, Nov. 13.
Burner control mechanism. C. M. Mayer and J. M. Hoff. 2,578,717, Dec. 18.
Burner control system, Fuel. R. E. Yates, J. M. Engel, and W. W. Riesche. 2,559,490, July 3.
Burner equipment for rotary driers, Combination. R. C. Hopkins. 2,562,460, July 31.
Burner for combustion chambers. A. J. Perle. 2,565,879, Aug. 28.
Burner for furnace walls, Gaseous fuel. R. E. Buckholdt. 2,571,336, Oct. 16.
Burner for furnace walls, Incandescent gas. A. A. Furczyk. 2,561,793, July 24.
Burner for furnaces, Multiple gas. C. E. Feinberg. 2,567,013, Sept. 4.
Burner for gas cookstoves, Sheet-metal top. H. M. Reeves. 2,539,101, Jan. 23.
Burner for industrial furnaces, Liquid fuel. E. J. G. Laverdisse and J. J. G. Lorneau. 2,542,684, Feb. 20.
Burner for liquid and gaseous fuels. K. H. F. and K. E. Lundberg. 2,574,879, Nov. 13.
Burner for liquid fuel, Adjustable. H. J. J. Janssen. 2,578,934, Dec. 18.
Burner for liquid fuel operating under low air and fuel pressures. E. J. F. Guillot. 2,578,422, Dec. 11.
Burner for liquid fuels. W. Huber. 2,549,092, Apr. 17.
Burner for tipping-off glass articles, Multiple gas. P. O. Cartun. 2,571,537, Oct. 16.
Burner for water heaters, Concentric gas and air. P. L. Fowler. 2,564,358, Aug. 14.
Burner having a reverse gas flow flame stabilizer, Dispersible fuel. A. P. Saha. 2,539,165, Jan. 23.
Burner having fuel and air preheating means, Vaporizing-type oil. P. Swartzentruber. 2,558,016, June 26.
Burner having port-connecting pilot slot, Gas. M. E. McGowan and P. E. C. Moes. 2,546,009, Mar. 20.
Burner having proportional gas and air mixer, Gas. H. C. Mun. 2,558,057, June 26.
Burner head for gas or oil burners, Adjustable outlet. G. W. Franzheim. 2,574,635, Nov. 13.
Burner, including air filter and Venturi mixer, Radiant gas. W. Kennedy. 2,577,772, Dec. 11.
Burner, including internal fuel distributor, Gas. J. L. Raulston. 2,550,296, Apr. 24.
Burner internally fired, Radiant gas. J. B. Henwood. 2,570,554, Oct. 9.
Burner liner comprising interlocking liner elements. G. F. Doyle. 2,536,919, Jan. 2.
Burner nozzle pipe assembly. C. H. Neiman, Jr. and G. W. Wood. 2,553,520, May 15.
Burning off hollow glassware. R. A. Wolf. 2,570,899, Oct. 9.
Burner safety control. C. E. Markham. 2,558,658, June 26.
Burner safety control apparatus. D. W. J. Peterson. 2,537,293, Jan. 9.
Burner safety control system. E. C. Thomson. 2,543,262, Feb. 27.
Burner safety control system and apparatus. W. E. Edelman. 2,567,807, Sept. 11.
Burner system for weed burners. C. O. Henneman and O. L. Garretson. 2,558,359, June 26.
Burner system, including ignition controlling means. F. B. Aubert. 2,569,089, Sept. 25.
Burner system, Mobile weed. O. L. Garretson and A. W. Peck. 2,546,592, Mar. 27.
Burner system with automatic pilot burner control, Gas. W. A. Ray. 2,558,267, June 26.
Burner unit, Vaporizing type oil. J. R. Moon. 2,543,044, Feb. 27.
Burner with air and flame baffles, Gas. R. D. Reed. 2,560,888, July 17.
Burner with attached reflector, Tubular gas. W. C. and W. C. Herbert, Jr. 2,539,512, Jan. 30.
Burner with auxiliary external oxygen supply, Fluid. J. M. Crowe. Re. 23,372, June 5.
Burner with crossover burner grid, Dual band gas. W. B. Ensign and O. Wildermann. 2,575,101, Nov. 13.
Burner with gas preheating chamber and flame nozzles, Gas. H. H. Marsh and G. Short. 2,547,276, Apr. 3.
Burner with grid outlet member, Sheet metal gas. H. S. Leo and R. J. Petersen. 2,541,428, Feb. 13.
Burner with internal-combustion chambers, Gas. J. B. Henwood. 2,559,504, July 3.
Burner with internal fuel distributor, Sheet metal gas. A. L. Miller and P. Woolley. 2,572,273, Oct. 23.
Burner with internal fuel distributors and variable flame area, Gas. J. A. Harrison. 2,560,862, July 17.
Burner with mixing and igniting means, Liquid fuel. R. S. Damon and R. H. Hunter. 2,544,299, Mar. 6.
Burner with modulated flame orifice, Gas. P. F. Swenson and M. F. Pravda. 2,572,675, Oct. 23.
Burner with radiant end wall, Internally fired gas. A. A. Furczyk. 2,575,514, Nov. 20.
Burner with radiant heating element, Liquid fuel. J. Imber. 2,569,315, Sept. 25.
Burner with rotary combustion chamber, Oil. W. R. Ray. 2,568,763, Sept. 25.
Burner with secondary air baffle, Gas. C. C. Lamar and V. C. Peterson. 2,544,603, Mar. 6.
Burner with selective gas supply, Multichambered gas. W. Smith, Jr. 2,573,502, Oct. 30.
Burner with two-stage mixing, Single axial port gas. A. J. Burklin. 2,569,514, Oct. 2.
Burner with variable port size, Gas. E. H. Mueller. 2,537,692, Jan. 9.
Burning apparatus for plant beds. L. K. Reister. 2,548,065, Apr. 10.
Burning fuel, Method and apparatus for. W. J. Bloomer. 2,560,074, July 10.
Burning fuel, Method and apparatus for. W. J. Bloomer. 2,560,076, July 10.
Burning pulverized coal. H. Kreisinger. 2,573,910. Nov. 6.

Burning sewage sludge and apparatus therefor. T. R. Komline. 2,566,731, Sept. 4.
Burr. O. B. Maxim and R. M. Peabody. 2,574,435, Nov. 6.
Burr, Closed type. O. B. Maxim. 2,574,436, Nov. 6.
Burr removing attachment. W. R. Weaver. 2,552,755, May 15.
Bus bar connector. D. L. Greene and C. A. Badeau. 2,574,781, Nov. 13.
Bus bar reversing switch. E. E. Cheek. 2,555,025, May 29.
Bus structure, Isolated phase. J. W. Stafford. 2,548,566, Apr. 10.
Bushing. J. W. Leighton. 2,576,885, Nov. 27.
Bushing and making same. G. H. Swart. 2,572,215, Oct. 23.
Bushing assembly. J. H. Davids. 2,566,080, Aug. 28.
Bushing, Fit-all. J. W. Gortner. 2,551,117, May 1.
Bushing, Funnel guide. H. D. Haley. 2,572,927, Oct. 30.
Bushing remover. N. A. De Grand. 2,572,991, Oct. 30.
Bushing, Shock-resistant condenser-type insulating. H. Milliken. 2,557,359, June 19.
Business machine, Inventory control. R. W. Hersh. 2,537,758, Jan. 9.
Bust-measuring device. H. Heiman. 2,575,343, Nov. 20.
Bust support or brassière. C. Cuozzi. 2,578,175, Dec. 11.
Busy indication in electronic switching equipment for automatic telephone exchanges. D. H. Ransom. 2,553,605, May 22.
Butadiene and 1,1,2 - trichloro - 3,3,3 - trifluoropropene-1. M. Prober. 2,575,125, Nov. 13.
Butadiene polymers with mercaptals of hydroxy aldehydes, Preservation of. R. L. Sibley. 2,564,795, Aug. 21.
Butadiene, Producing. J. R. Owen. 2,554,054, May 22.
Butadiene-styrene copolymers stabilized with tertiary alkyl naphthols. H. E. Albert. 2,537,635, Jan. 9.
Butadiene-styrene rubbery copolymer stabilized with antimonyl-4,6 dimethyl catecholate. H. E. Albert and G. E. P. Smith, Jr. 2,560,029, July 10.
Butcher's tool rack. N. Droshine. 2,566,082, Aug. 28.
Butt gauge. W. A. Priebe. 2,547,489, Apr. 3.
Butter and salt spreader for corn-on-the-cob. M. N. Mossel. 2,565,874, Aug. 28.
Butter conditioner. A. E. Nave. 2,579,848, Dec. 25.
Butter cutter. W. Grocoff. 2,563,237, Aug. 7.
Butter cutter. H. E. Young and G. V. Farnham. 2,553,621, May 22.
Butter forming device. R. R. Steans. 2,572,960, Oct. 30.
Button. M. D. Pollack and J. P. Schalet. 2,543,056, Feb. 27.
Button, Arched turn. A. R. Amundson. 2,551,408, May 1.
Button bottom pile. H. F. Caudill. 2,554,896, May 29.
Button, Color-reflecting plastic. W. Backman. 2,568,212, Sept. 18.
Button cover. H. Groh. 2,577,723, Dec. 4.
Button fastener. O. J. Huelster. 2,571,719, Oct. 16.
Button, Garment. E. W. Biegajski. 2,549,883, Apr. 24.
Buttonhole construction. M. J. Isaacson. 2,552,281, May 8.
Button or ornament, Detachable. V. A. Patterson. 2,579,124, Dec. 18.
Button, Peg-fastened. A. E. Sutin. 2,538,396, Jan. 16.
Button with central plug, Color-reflecting plastic. W. Backman. 2,554,692, May 29.
Butyl alcohol derivatives. R. B. Wearn and C. Bordenca. 2,556,150, June 5.
Butyl alcohol process, One-step. R. C. Schreyer. 2,564,130, Aug. 14.
Butyltin chlorides, Preparation of. K. C. Eberly, G. E. P. Smith, Jr., and H. E. Albert. 2,560,042, July 10.
Butyrometer centrifuge. G. W. Ruda. 2,560,988, July 17.
By-pass arrangement for pumping apparatus. L. M. Nechine. 2,563,862, Aug. 14.
By-pass filter. S. W. Briggs and W. J. Ewbank. 2,575,995, Nov. 20.
By-pass meter bar. C. C. Douglas and W. I. Thrall. 2,579,656, Dec. 25.
By-Pass system, Emergency. F. R. Weymouth. 2,543,652, Feb. 27.
C-clamp, Quick-acting. J. Sparling. 2,549,256, Apr. 17.
C clamp with angularly adjustable pressure element. G. J. Jessen and W. C. Kenworthy. 2,576,904, Nov. 27.
C-nitrosoarylamines, Manufacture of. S. M. Roberts. 2,560,892–4, July 17.
Cab, Detachable. L. A. Campbell. 2,557,339, June 19.
Cab for tractors and road machines, Full-view. V. N. Johnson. 2,563,845, Aug. 14.
Cabin pressure control. B. E. Del Mar. 2,549,672, Apr. 17.
Cabin pressure control. W. B. Klemperer. 2,549,690, Apr. 17.
Cabinet: *See*—
Bathroom cabinet.
Chart display cabinet.
Collapsible bath cabinet.
Collapsible cabinet.
Commode cabinet.
Cubic loud-speaker cabinet.
Dispensing cabinet.
Display cabinet.
Door actuated rotatable service cabinet.
Drawer containing cabinet.
Filing cabinet.
Germicidal cabinet.
Home moving picture cabinet.
Hydrotherapy cabinet.
Insulated posting tray cabinet.
Kitchen cabinet.
Knockdown radio cabinet.
Knockdown wall cabinet.
Ledger tray cabinet.
Medicine cabinet.
Phonograph record cabinet.
Phonograph record filing cabinet.
Phonograph record storage cabinet.
Portable and foldable steam cabinet.
Portable communion cabinet.
Presetting cabinet.
Pulldown cabinet.
Radio cabinet.
Radio-phonograph cabinet.
Record cabinet.
Rotary shelf cabinet.
Sanitary storage cabinet.
Secretary's answering key cabinet.
Sectional filing cabinet.
Sectional refrigerated display cabinet.
Self-lowering cabinet.
Sewing cabinet.
Sewing-machine cabinet.
Sign cabinet.
Speaker cabinet.
Storage and display cabinet.
Telephone cabinet.
Thermotest cabinet.
Tiltable cabinet.
Toilet tissue cabinet.
Towel cabinet.
Transparent block radio cabinet.
Traveling sewing cabinet.
Two-temperature cabinet.
Utility wall cabinet.
Wall cabinet.
Yarn heating cabinet.
Cabinet. G. A. Swartz. 2,575,567, Nov. 20.
Cabinet. G. Wise. 2,561,681, July 24.
Cabinet accessory, Ice-cream. H. A. Quitter. 2,539,326, Jan. 23.
Cabinet and chassis for mounting electrical components, Combined. R. A. Suthann. 2,567,829, Sept. 11.
Cabinet and mechanism, Rotatable. M. W. Loewi, O. G. Furman, and B. L. Mueller. 2,571,903, Oct. 16.
Cabinet and support combination. R. L. Flannery. 2,538,966, Jan. 23.
Cabinet closure locking means. H. J. Smith. 2,571,071, Oct. 9.
Cabinet composed of interlocking sections. W. E. Haut. 2,547,463, Apr. 3.
Cabinet construction. L. S. Chadwick. 2,561,094, July 17.
Cabinet construction. D. B. Keim. 2,566,064, Aug. 28.
Cabinet construction having heat exchange inner walls, Refrigerator. R. L. Benson. 2,576,208, Nov. 27.
Cabinet construction, Refrigerator. L. J. Amore. 2,549,879, Apr. 24.
Cabinet construction, Refrigerator. W. P. Hill. 2,561,276, July 17.
Cabinet construction, Refrigerator. O. E. Norberg and J. W. Norrish. 2,562,056, July 24.
Cabinet construction, Refrigerator. R. L. Spencer. 2,565,995, Aug. 28.
Cabinet construction, Refrigerator. F. R. West. 2,541,453, Feb. 13.
Cabinet door. E. J. Le Claire. 2,559,193, July 3.
Cabinet equipment for machine shops, Filing. J. F. Sheean. 2,565,784, Aug. 28.
Cabinet for babies, Bath. W. L. Henderson. 2,547,641, Apr. 3.
Cabinet for liquid mixers, Sterilizing. J. W. Hayes, Jr. 2,565,426, Aug. 21.
Cabinet for maps, Filing. F. R. Schallert. 2,564,283, Aug. 14.
Cabinet for milk samples, Refrigerating. S. Conklin. 2,575,796, Nov. 20.
Cabinet for radio apparatus. J. D. Reid and P. F. G. Holst. 2,539,327, Jan. 23.
Cabinet for television receivers. A. N. Goldsmith. 2,566,830, Sept. 4.
Cabinet having a closure-carried shelf. R. G. Ewell. 2,557,218, June 19.
Cabinet having humidity and temperature maintenance apparatus therein, Storage. J. S. Whinery. 2,552,387, May 8.
Cabinet having means for regulating air flow and means for collecting drip, Refrigerator. O. E. Norberg and A. E. Nave. 2,562,057, July 24.
Cabinet having tiltable receptacles, Magazine. C. C. Gardner. 2,570,054, Oct. 2.
Cabinet having pivotally mounted rack. F. C. Heer. 2,555,644, June 5.
Cabinet having removable closure supportable as table. L. G. Pickell. 2,552,380, May 8.
Cabinet heater. W. D. Harvey. 2,540,877, Feb. 6.
Cabinet housing several inverted containers, with a valved spout for each of said containers. J. N. Sedor. 2,551,765, May 8.
Cabinet lid. E. F. Woodland. 2,557,211, June 19.
Cabinet or the like, Bathroom. R. O. Ferguson. 2,554,362, May 22.
Cabinet structure, Refrigerator. W. H. Pusch. 2,545,749, Mar. 20.
Cabinet table. J. L. Buntin. 2,556,612, June 12.
Cabinet table photographic projection printer. H. C. McKay. 2,552,990, May 15.
Cabinet with a heating element therein, Beverage and food. G. M. Acton. 2,576,874, Nov. 27.
Cabinet with agitator, Toothbrush. G. Coleman. 2,564,353, Aug. 14.
Cabinet with column stand, Sewing machine supporting. W. A. Davidson. 2,558,826, July 3.
Cabinet with disappearing ironing board. J. Mantagas. 2,548,437, Apr. 10.
Cabinet with elevators for plurality of pumps and vertically sliding front panel, Lubricant dispensing. A. P. Fox and A. D. Reisert. 2,539,615, Jan. 30.

Cabinet with inclined baffles, Loud-speaker. N. I. Daniel. 2,550,336, Apr. 24.
Cabinet with sewing machine raising and lowering mechanisms. D. H. Chason. 2,575,045, Nov. 13.
Cabinet with sliding removable chassis, Television. C. N. Bace. 2,543,146, Feb. 27.
Cable: *See*—

Electric communication cable.	Ribbon cable.
Flexible cable.	Rot-resistant insulated cable.
High-frequency transmission cable.	Rubber insulated power cable.
Nonmetallic armored electrical submarine cable.	Safety cable.
Nonmetallic sheathed multiconductor cable.	Tow cable.
	Weight-graduated wire cable.

Cable anchor for winding drums. R. N. Cordrey and D. E. Wright. 2,571,341, Oct. 16.
Cable-anchoring-and-tightening device. S. W. Hyatt. 2,540,887, Feb. 6.
Cable attachment, Tow target. R. Aiken. 2,567,170, Sept. 11.
Cable clamp. E. U. Kunnas. 2,541,425, Feb. 13.
Cable clamp. A. Speer. 2,551,065, May 1.
Cable-clamping and anchoring device. S. W. Hyatt. 2,540,888, Feb. 6.
Cable connection, Corrosion inhibiting electric. R. Noir. 2,551,895, May 8.
Cable connection, Wire. L. H. Burns. 2,564,463, Aug. 14.
Cable connector. J. McCoy and E. O. Weining. 2,574,579, Nov. 13.
Cable connector. H. D. Stecher. 2,538,393, Jan. 16.
Cable connector. G. C. Thomas, Jr. 2,540,999, Feb. 6.
Cable connector for gun perforators. O. N. Andrew. 2,562,880, Aug. 7.
Cable controlled dump box. A. A. Monson. 2,548,613, Apr. 10.
Cable drilling tool. G. R. Watson. 2,566,913, Sept. 4.
Cable drum, Fire escape. W. Schauer. 2,544,729, Mar. 13.
Cable grip, Split. J. Di Palma. 2,560,418, July 10.
Cable guide. W. R. Beck. 2,562,886, Aug. 7.
Cable hanger. F. Marincic. 2,551,146, May 1.
Cable having a double layer inner conductor, High-frequency coaxial. J. N. Dean and E. W. Smith. 2,540,164, Feb. 6.
Cable having porous wound spacing means, Coaxial. T. R. Scott. 2,556,224, June 12.
Cable lashing machine. J. J. Harley. 2,544,313, Mar. 6.
Cable mooring pennant. G. Bailhe. 2,561,487, July 24.
Cable operation. R. M. Nardone. 2,552,859, May 15.
Cable overthrow loader for tractors. A. Watt., 2,579,888, Dec. 25.
Cable puller. W. E. Raney. 2,556,484, June 12.
Cable seal. J. W. Fitzgerald, B. G. Hurdle, and C. L. Morse. 2,563,829, Aug. 14.
Cable-sealing fitting. W. T. Shea, Jr. 2,542,583, Feb. 20.
Cable sheath slitter. E. Jaeger. 2,548,977, Apr. 17.
Cable slitting tool. C. D. Rosser, Sr. 2,537,237, Jan. 9.
Cable spring handle connection. L. E. Colburn. 2,539,229, Jan. 23.
Cable system for hoisting mechanisms. J. E. Evans and R. M. Shirk. 2,546,991, Apr. 3.
Cable tensioning and retracting device for bomb supports. F. N. Dickerman. 2,555,635, June 5.
Cable tensioning means for hoists. R. F. Warry. 2,560,499, July 10.
Cable terminating device. A. D. Ferguson. 2,552,162, May 8.
Cable tester, Portable. C. W. Hendricks and J. Ogden. 2,569,098, Sept. 25.
Cable testing set. G. D. Harding and R. W. Barker. 2,565,307, Aug. 21.
Cable testing system and method. J. D. Gow. 2,558,485, June 26.
Cable vise. C. A. Scheirer. 2,547,601, Apr. 3.
Cable winch. A. G. Gurries and T. B. Keesling. 2,537,267, Jan. 9.
Cable with air insulation. J. Beuckens and E. A. J. Mol. 2,536,904, Jan. 2.
Cable with helically wound spacer, Coaxial. W. K. Weston. 2,556,244, June 12.
Cables, Making multiconductor. J. W. Olson. 2,536,885, Jan. 2.
Cacao process and product. N. W. Kempf and H. K. Murer. 2,558,854, July 3.
Cadmium sulfide pigments. G. C. Marcot. 2,578,363, Dec. 11.
Caffeine, Production of. F. Comte. 2,542,396, Feb. 20.
Cage, Escapeproof animal. H. L. Leiby. 2,539,024, Jan. 23.
Cage roll structure for boxmaking machinery. W. P. Fergnani. 2,566,021, Aug. 28.
Cage-stud for snap fasteners. H. J. Reiter. 2,564,858, Aug. 21.
Caged float flush control valve. M. P. Brown. 2,572,982, Oct. 30.
Caging and centering apparatus for gyroscopes. W. A. Stone. 2,564,772, Aug. 21.
Caisson. C. Goodman. 2,580,017, Dec. 25.
Cake and pastry sector cutter. C. E. Guerra. 2,555,690, June 5.
Cake cutter. E. N. Genovese. 2,537,455, Jan. 9.
Cake cutter. J. Henrickson. 2,557,539, June 19.
Cake dough or batter depositor. E. O. Engels and H. F. Tiedke. 2,542,239, Feb. 20.
Cake lifter and preserver. G. O. Koponen. 2,573,577, Oct. 30.
Cakemaking. N. F. Johnston. 2,569,527, Oct. 2.
Cake moistener. J. P. Bishop. 2,549,161, Apr. 17.
Calcined calcareous materials, Producing. T. Nagel. 2,555,289, May 29.
Calcining decrepitating rocks, including limestone. F. S. White. 2,548,642, Apr. 10.
Calcium alginate jelly, Edible. H. F. Angermeier. 2,536,708, Jan. 2.
Calcium beryllium silicate phosphor. A. L. J. Smith. 2,547,790, Apr. 3.
Calcium carbonate, Manufacturing. M. O. Schur and R. M. Levy. 2,538,802, Jan. 23.
Calcium chloride process, Anhydrous. A. G. M. Hedley. 2,556,184, June 12.
Calcium dicyanamide and preparation thereof. D. E. Nagy. 2,562,869, July 31.
Calcium fluoride, Making. N. Gilbert and I. A. Hobbs. 2,573,704, Nov. 6.
Calcium phosphate phosphor, Stabilized. H. C. Froelich and J. M. Margolis. 2,575,754, Nov. 20.
Calcium phosphate, Producing a. M. H. R. J. Plusje and H. de Bruijn. 2,555,656, June 5.
Calcium phosphate, Production of. R. Miller. 2,567,227, Sept. 11.
Calcium product. E. F. Hill. 2,561,862, July 24.
Calcium salts, Soluble. E. W. Cook and P. H. Moss. 2,569,403, Sept. 25.
Calcium silicate of microcrystalline lathlike structure. G. L. Kalousek. 2,547,127, Apr. 3.
Calcium silicate phosphor. J. L. Ouweltjes. 2,542,349, Feb. 20.
Calcium silicate phosphor, Preparing. H. C. Froelich. 2,542,322, Feb. 20.
Calcium sulfate-extended titanium dioxide pigments. R. W. Sullivan. 2,549,261, Apr. 17.
Calcium sulfonate solutions, Production of. H. E. Latier and F. M. Watkins. 2,573,796, Nov. 6.
Calculating device. E. Grundlehner. 2,563,110, Aug. 7.
Calculating device. P. M. Pepper. 2,564,227, Aug. 14.
Calculating frame. G. A. Limyr. 2,556,501, June 12.
Calculating machine. H. T. Avery. 2,538,826, Jan. 23.
Calculating machine. R. E. Baldwin. 2,544,126, Mar. 6.
Calculating machine. F. Campos. 2,562,172, July 31.
Calculating machine. F. A. Deutsch. 2,569,804, Oct. 2.
Calculating machine. H. A. de Valle-Arizpe. 2,575,866, Nov. 20.
Calculating machine. S. K. Johnson. 2,578,705, Dec. 18.
Calculating machine. K. Jordan. 2,545,550, Mar. 20.
Calculating machine. P. J. L. Jullien. 2,572,811, Oct. 23.
Calculating machine. H. L. Lambert. 2,562,049, July 24.
Calculating machine, Key-driven. J. A. V. Turck. 2,547,063, Apr. 3.
Calculating or computing device. F. Bardach. 2,575,328, Nov. 20.
Calculator. K. A. Fischer. 2,569,466, Oct. 2.
Calculator. R. H. Paul. 2,564,991, Aug. 21.
Calculator. A. F. Spilhaus. 2,567,246, Sept. 11.
Calculator and circular slide rule, Printer's. F. A. Babcock. 2,561,263, July 17.
Calculator, Balance weight. F. A. Gruetjen. 2,541,243, Feb. 13.
Calculator, Binary. G. T. Baker. 2,552,760, May 15.
Calculator, Draft. F. J. Llansó. 2,546,641, Mar. 27.
Calculator for airplanes, Flight data. T. E. Cody. 2,551,997, May 8.
Calculator for determining fish activity peaks. G. B. Kimes. 2,545,364, Mar. 13.
Calculator for determining maximum cutting speeds of machine tools. R. Egli. 2,558,646, June 26.
Calculator for traverse tables, Rapid. L. J. Goldsmith. 2,573,194, Oct. 30.
Calculator, Graphical. F. M. Goyan and J. Dufrenoy. 2,567,882, Sept. 11.
Calculator, Key-operated. C. F. Webb. 2,569,508, Oct. 2.
Calculator, Photoelectric area. G. H. Eash. 2,578,882, Dec. 18.
Calculator, Roof-framing. G. E. Martin and W. E. Lopez. 2,541,596, Feb. 13.
Calculator, Spherical triangle. R. J. Hundhausen. 2,563,840, Aug. 14.
Calculator, Time. W. D. Graham. 2,553,653, May 22.
Calculator, Tobacco sale. C. R. Taylor. 2,556,949, June 12.
Calculator, Tonnage. R. J. Dresher. 2,550,458, Apr. 24.
Calculator, Vectorial and mathematical. H. S. Marsh. 2,547,955, Apr. 10.
Calendar. R. M. Bryant. 2,549,418, Apr. 17.
Calendar, Bracelet. M. Brunengraber. 2,559,211, July 3.
Calendar, Characterized slide. W. Lang. 2,542,683, Feb. 20.
Calendar date indicator. J. C. Hughes. 2,564,846, Aug. 21.
Calendar, Desk. J. Flanagan. 2,542,647, Feb. 20.
Calendar, Envelope type record. H. Holland. 2,560,766, July 17.
Calendar, Fecundity. T. Schenk and M. Sprung. 2,577,544, Dec. 4.
Calendar, Memorandum. L. H. Waring. 2,574,899, Nov. 13.

Calendar mounts, Making. G. E. Nichols. 2,568,458, Sept. 18.
Calendar, Pencil. J. Millington. 2,577,259, Dec. 4.
Calendar, Perpetual. A. J. Berg. 2,553,163, May 15.
Calendar, Perpetual. J. Flanagan. 2,544,148, Mar. 6.
Calendar, Perpetual. P. W. La Plante. 2,575,555, Nov. 20.
Calendar, Perpetual. A. S. Neves. 2,548,553, Apr. 10.
Calendar, Perpetual. B. R. Nono. 2,537,693, Jan. 9.
Calendar, Perpetual. T. F. Peterson, Jr. 2,567,395, Sept. 11.
Calendar, Perpetual. E. Roesholm. 2,575,929, Nov. 20.
Calendar, Perpetual. M. Y. Rosenfeld. 2,543,731, Feb. 27.
Calendar, Time interval indicating. E. Reiner. 2,542,943, Feb. 20.
Calender finishing nylon fabric. E. Farnworth and G. H. Wood, Jr. 2,577,957, Dec. 11.
Calender machine. C. P. Putnam. 2,565,520, Aug. 28.
Calender machine. C. P. Putnam. 2,578,594, Dec. 11.
Calender roll pressure control apparatus. A. Goulding, Jr. 2,575,590, Nov. 20.
Calendering device for natural or synthetic rubber or similar materials. F. Landau and J. G. Norberg. 2,565,565, Aug. 28.
Calf weaner. W. Kues. 2,559,018, July 3.
Calf weaner. H. F. Vancik. 2,575,433, Nov. 20.
Calibrating means for control devices. G. C. Harbison. 2,573,437, Oct. 30.
Calibrating sound meters, Method and apparatus for. A. H. Fiske, Jr. 2,558,550, June 26.
Calibration mechanism for controls. J. J. Rothwell. 2,541,385, Feb. 13.
Calibration of electric circuit breakers. R. T. Casey. 2,573,307, Oct. 30.
Calibration of photovoltaic cells. C. F. Taylor. 2,554,225, May 22.
Calibrator. R. C. Sanders, Jr., and W. R. Mercer. 2,573,734, Nov. 6.
Caliper, Automatic. H. Puterbaugh. 2,546,110, Mar. 20.
Caliper, Center marking. W. F. Worden. 2,547,354, Apr. 3.
Caliper for high precision measurements. F. C. Foss. 2,571,558, Oct. 16.
Caliper, Micrometer. L. F. Collins. 2,546,388, Mar. 27.
Calipers, Combination. W. E. Frankowski. 2,548,963, Apr. 17.
Call data recording telephone system. R. E. Hersey. 2,580,093, Dec. 25.
Calling system. H. A. Stamper. 2,543,608, Feb. 27.
Calling system, Frequency selective. D. E. Noble. 2,547,025, Apr. 3.
Calling system, Selective. R. J. Lense and A. S. Holzinger. 2,547,023, Apr. 3.
Calling system, Selective. D. E. Noble. 2,547,024, Apr. 3.
Calorizing process. W. R. Frisch and J. W. Roy. 2,541,813, Feb. 13.
Cam actuated pivoted jaw wrench. M. J. Feiring. 2,573,421, Oct. 30.
Cam actuated sliding head hammer pitman. A. Saxer 2,562,642, July 31.
Cam actuated wrench. R. G. Secondi and J. Vacheron. 2,580,247, Dec. 25.
Cam actuator and lock. W. M. Shoffner. 2,543,205, Feb. 27.
Cam and follower mechanism. J. and P. Gressel. 2,558,679, June 26.
Cam and follower mechanism for complex motion. R. A. Roberts. 2,566,034, Aug. 28.
Cam and pawl actuated tens transfer device. J. Handley. 2,575,872, Nov. 20.
Cam controlled work holder. C. A. Ulfves. 2,576,707, Nov. 27.
Cam, Controlling. H. V. F. Pedersen. 2,546,560, Mar. 27.
Cam for operating valves of internal-combustion engines. J. L. H. Bishop. 2,567,689, Sept. 11.
Cam for operating valves of internal-combustion engines. J. L. H. Bishop and J. H. Weaving. 2,567,690, Sept. 11.
Cam for sliding screw-operated visejaws to final clamping position. P. Hartmann. 2,565,965, Aug. 28.
Cam forming machine. C. G. Wright and G. C. Thomas. 2,557,043, June 12.
Cam grinding apparatus. C. J. Green. 2,561,981, July 24.
Cam making fixture. L. H. Savage. 2,572,395, Oct. 23.
Cam operated clutch. W. B. Woody and S. E. Corry. 2,574,204, Nov. 6.
Cam operator for switches, Adjustable periodic. D. G. Tilton. 2,540,222, Feb. 6.
Cam pin mechanism. C. G. Umsted and D. De Luca. 2,570,292, Oct. 9.
Cam released clutch. A. A. Aveta. 2,551,922, May 8.
Cam released clutch. W. P. Oehler and G. W. Ade. 2,563,186, Aug. 7.
Cam released clutch. L. J. Wolf. 2,561,833, July 24.
Cam seated slidable jaw wrench. C. H. Ortman. 2,556,294, June 12.
Cam shaft. C. W. Lang. 2,552,724, May 15.
Cam system. J. F. Stokes. 2,573,506, Oct. 30.
Camber adjusting tool. F. Nielsen. 2,572,654, Oct. 23.
Camber and caster gauge. L. V. Jacobsen. 2,569,416, Sept. 25.
Camera. V. Sussin. 2,551,181, May 1.
Camera and casing, including control means, Underwater. D. A. and W. F. Whitman. 2,573,885, Nov. 6.
Camera and developer, Combination. J. Bass. 2,578,498, Dec. 11.
Camera and shutter therefor, Photographic. A. H. Gorey. 2,541,413, Feb. 13.
Camera and viewer, Combined stereoscopic. J. C. Childs. 2,573,543, Oct. 30.
Camera apparatus for race track photography. M. O. Miller. 2,573,350, Oct. 30.
Camera attachment for holding an illuminated transparency in front of the camera lens. E. D. Goodale and C. U. Bundick. 2,578,420, Dec. 11.
Camera, Automatic photographic. W. Bornemann and
Camera back. R. L. Balton. 2,549,670, Apr. 17.
Camera back, Adjustable. C. R. Gregory. 2,562,312, July 31.
Camera body and back construction, Quick-loading. R. W. Wallace. 2,566,267, Aug. 28.
Camera body, Photographic. W. A. Lea. 2,557,297, June 19.
Camera carriage, Aerial. G. C. Dillard. 2,570,653, Oct. 9.
Camera case and filter holder, Combination. S. Rohlik. 2,547,492, Apr. 3.
Camera casing and focusing means for surgical photography, Sterilizable. C. A. Cobb, Jr., and F. D. Ingraham. 2,537,303, Jan. 9.
Camera, Collapsible. J. Fried. 2,559,214, July 3.
Camera, Color television. G. C. Sziklai. 2,552,070, May 8.
Camera, Color television. G. C. Sziklai and A. C. Schroeder. 2,552,386, May 8.
Camera combination, including telephoto lens and telescope finder, Reflex. L. F. Barcus. 2,536,866, Jan. 2.
Camera, Contact screen halftone. J. D. Maxwell. 2,568,505, Sept. 18.
Camera control knob and data indicating device. A. Wagner. 2,551,188, May 1.
Camera, Darkroom. J. D. Maxwell. 2,567,293, Sept. 11.
Camera diaphragm and shutter release structure, Interlocking motion-picture. O. Wittel. 2,559,911, July 10.
Camera diaphragm mechanism. A. Schwarz. 2,580,324, Dec. 25.
Camera, Document. V. E. Pratt and G. F. Gray. 2,565,088, Aug. 21.
Camera, Dual film. J. F. Gruben. 2,546,540, Mar. 27.
Camera, Electrically operated reflex. G. M. and R. W. Walters. 2,539,499, Jan. 30.
Camera fade-out indicator. L. H. Moomaw and F. A. Lunzer. 2,557,389, June 19.
Camera film counter. J. W. Barnes. 2,563,811, Aug. 14.
Camera, Film metering double exposure prevention. D. C. Harvey and E. S. Marvin. 2,544,879, Mar. 13.
Camera film take-up for automatic exposure cameras. R. H. Lee. 2,578,254, Dec. 11.
Camera for snapshot relief photography. M. Bonnet. 2,573,243, Oct. 30.
Camera for still and motion pictures, Double. T. von Voss. 2,541,796, Feb. 13.
Camera having curved film plane to eliminate distortion. P. H. Tham and F. Samsioe. 2,544,864, Mar. 13.
Camera having cutoff means and removable film receptacle, Photographic. A. R. Curioni. 2,545,196, Mar. 13.
Camera having edge grip film feed. P. J. Brownscombe. 2,536,156, Jan. 2.
Camera having pivoted body sections, Two-film. F. T. Rundell. 2,540,351, Feb. 6.
Camera, High-speed. F. E. Tuttle and W. Bornemann. 2,578,327, Dec. 11.
Camera, including hinged film gate, Plural film color. G. Murray. 2,567,492, Sept. 11.
Camera, including rapid film threading and releasing means. R. W. Wallace and P. J. Ernisse. 2,575,035, Nov. 13.
Camera interlock, Photographic. P. J. M. Richartz. 2,541,289, Feb. 13.
Camera latch. M. Kaplowitz. 2,554,333, May 22.
Camera, Magazine. J. P. Hansen. 2,549,195, Apr. 17.
Camera, Microfilm. E. Berlant. 2,578,037, Dec. 11.
Camera of the reflex type for making rapid exposures. D. C. Harvey. 2,552,275, May 8.
Camera, Pistol. S. C. Platt. 2,539,322, Jan. 23.
Camera, Plural film. W. D. Thompson. 2,575,536, Nov. 20.
Camera, Precision process. B. R. Halpern. 2,570,668, Oct. 9.
Camera-projector lens supporting attachment. M. J. Updegraff. 2,574,072, Nov. 6.
Camera, Readily loadable roll film. P. J. Ernisse. 2,537,883, Jan. 9.
Camera, Recording. I. W. Doyle, W. G. Herbstreit, and E. C. Weiblen. 2,537,040, Jan. 9.
Camera, Roll film photographic. A. D. Weir. 2,548,924, Apr. 17.
Camera shutter and flashlight synchronizer. S. W. Langdon. 2,555,495, June 5.
Camera shutter and flash tube synchronizer, Sparkless. C. W. McCarty. 2,538,577, Jan. 16.
Camera shutter and lens mount. L. A. Wilkinson. 2,537,110, Jan. 9.
Camera shutter having built-in synchro-flash mechanism. C. C. Fuerst. 2,537,887, Jan. 9.
Camera, Simultaneous exposure. C. L. Mourfield. 2,565,618, Aug. 28.

Camera stand for medical photography. S. M. Nagourney. 2,560,884, July 17.
Camera, Stereoscopic. M. Sorkin. 2,541,555, Feb. 13.
Camera track structure. A. E. Little. 2,580,309, Dec. 25.
Camera tripod. H. N. Gibson. 2,572,468, Oct. 23.
Camera tripod head. C. E. Brown. 2,543,352, Feb. 27.
Camera, Two-film. C. C. Smith. 2,554,349, May 22.
Camera utilizing spring closed film retorts, Roll film. J. Mihalyi. 2,575,024, Nov. 13.
Camera with diaphragm adjustment and flash synchronizer means, Automatic reflex. R. W. King and E. Berlant. 2,550,698, May 1.
Camera with indicator, Television. J. E. Albright. 2,566,509, Sept. 4.
Camera with interlocking focal-plane shutter curtains, Hand-held roll-film. E. S. Hineline. 2,556,967, June 12.
Camera with movable spool section, Roll holding. J. Mihalyi. 2,548,549, Apr. 10.
Camera with parallax corrected focusing finder. O. M. White. 2,552,244, May 8.
Camera, with special reference to cinema cameras, Automatically focusing. C. Vinten and I. J. Dunningham. 2,577,494, Dec. 4.
Camera, X-ray powder. A. J. C. Wilson. 2,563,439, Aug. 7.
Camp trailer structure. A. C. Troden and N. Hall. 2,549,266, Apr. 17.
Camphene and vinyl cyclohexene resin, Making. S. G. Burroughs. 2,568,217, Sept. 18.
Camping body for wheeled vehicles, Convertible. D. A. Haynes. 2,557,347. June 19.
Can: *See*—
Sanitary garbage can.
Triple spout oil can.
Can and rack, Garbage. J. B. Herdy. 2,546,449, Mar. 27.
Can arranging apparatus. W. M. Tomkins. 2,571,790, Oct. 16.
Can body blank hook forming apparatus. E. Laxo. 2,569,181, Sept. 25.
Can body flanging mechanism. A. Funke. 2,579,919, Dec. 25.
Can body making machine with yieldable seam assembly elements. A. E. Adamson. 2,563,805, Aug. 14.
Can body welding machine, including movable and rotatable electrode. P. E. Pearson and A. Treff. 2,578,832, Dec. 18.
Can changing mechanism for textile machines. O. C. Hinson. 2,571,880, Oct. 16.
Can closing apparatus. A. H. Hermann. 2,558,705, June 26.
Can Closure, Sealing. R. W. Saxton. 2,565,269, Aug. 21.
Can cover clincher. M. L. Dodge. 2,571,691, Oct. 16.
Can crushing device. H. H. Smith. 2,563,379, Aug. 7.
Can discharging and sorting mechanism. M. Jecusco. 2,541,517, Feb. 13.
Can-feeding mechanism. E. P. Tarot. 2,577,546, Dec. 4.
Can filling machine. E. F. Shaw. 2,574,595, Nov. 13.
Can handle. H. H. Hallstream. 2,559,190, July 3.
Can handle, brush scraper, and brush rest, Combination. D. E. Entsminger. 2,567,326, Sept. 11.
Can handling machine. P. H. Hamilton. 2,546,501, Mar. 27.
Can handling means. W. G. Tyrrell. 2,536,672, Jan. 2.
Can hoist. W. A. Scott and J. E. Cook. 2,562,066, July 24.
Can holder. F. A. Chidsey. 2,571,833, Oct. 16.
Can opener. A. E. Dekome. 2,514,916, Feb. 13.
Can opener. W. W. Weller. 2,567,457, Sept. 11.
Can opener and sealer. L. L. McLean. 2,578,979, Dec. 18.
Can opener, Evaporated milk. S. E. Warren, Sr. 2,537,724, Jan. 9.
Can opener, Punch type. F. Myers. 2,540,541, Feb. 6.
Can-opening device. J. F. Frolich. 2,573,427, Oct. 30.
Can perforating device. J. E. Anderson. 2,569,123, Sept. 25.
Can punch, Adjustable. B. L. Larson. 2,559,560, July 3.
Can-seaming mechanism. O. R. Rowe, C. S. W. King, and W. J. Stolp. 2,564,724, Aug. 21.
Can shaking device. A. W. Anderson and R. Cover. 2,542,451, Feb. 20.
Can tester leak detecting mechanism. E. Laxo. 2,551,020, May 1.
Can unscrambler. P. L. Alsup. 2,564,143, Aug. 14.
Can washer. F. Derbenwick, J. F. Ryan, Jr., and N. C. Calhoun. 2,538,445, Jan. 16.
Can wiping and shielding mechanism. P. F. Lindeman and V. J. Simmen. 2,573,721, Nov. 6.
Can with dustpan, Step-on. A. M. Campanelli. 2,549,572, Apr. 17.
Can with flexible spout, Safety. I. Barclay. 2,547,847, Apr. 3.
Can with fluid discharge adjustable within fine limits, Pocket oil. G. Candolini. 2,556,994, June 12.
Canned liquid dispenser. E. A. La Dow. 2,537,899, Jan. 9.
Canned liquid dispenser. I. Putnam, Jr. 2,545,108, Mar. 13.
Canning and preserving fruit and vegetable juices. J. Crespo y Garcia. 2,561,784, July 24.
Canning and sterilizing food products. H. L. Smith, Jr., and C. O. Ball. 2,541,113, Feb. 13.
Canning fish and shell fish and resultant product. E. L. Kreidl and E. P. McFee. 2,555,236, May 29.
Canning machine, Fish. C. G. Preis. 2,541,097, Feb. 13.
Canning method for tomatoes and the like. W. J. Emmons and B. S. Gallagher. 2,549,781, Apr. 24.
Canning seafood and resultant product. E. P. McFee and J. A. Peters. 2,554,625, May 29.
Candle and making the same, Colored flame. W. M. Fredericks. 2,551,574, May 8.
Candle, Festive. J. M. O'Connor. 2,570,841, Oct. 9.
Candle filter. D. L. Bailey and R. C. Bard. 2,574,521, Nov. 13.
Candle, Luminous. V. H. Sundell. 2,541,725, Feb. 13.
Candle-receiving rack. C. J. Schroeder. 2,545,171, Mar. 13.
Candy coated apples or the like, Manufacture of. J. A. Canfield. 2,558,234, June 26.
Candy package. C. J. Kunkler. 2,538,730, Jan. 16.
Candy package and preserving candy. F. J. Arnold. 2,571,516, Oct. 16.
Cane and instrument support, Combined walking. W. Embrey. 2,548,711, Apr. 10.
Cane, Light reflecting. A. E. Richey. 2,561,228, July 17.
Cane mill. T. M. Nalon. 2,563,690, Aug. 7.
Canister, Gas mask. E. A. Bethig. 2,575,483, Nov. 20.
Canister set, Nesting kitchen. N. W. Roop. 2,575,770, Nov. 20.
Canoe carrier for motor vehicles. J. P. Désilets. 2,573,187, Oct. 30.
Canopy. H. E. Keene. 2,558,362, June 26.
Canopy actuating mechanism. A. L. Dow and A. J. Nelson. 2,570,434, Oct. 9.
Canopy and mounting, Cooking stove ventilating. R. Sonntag. 2,548,406, Apr. 10.
Canopy for gasoline dispensing pumps. J. F. Wellen. 2,547,896, Apr. 3.
Canopy, Parachute. J. Haesler. 2,556,916, June 12.
Canopy, Prefabricated. S. W. Alderfer and F. R. Thompson. 2,559,209, July 3.
Canopy releasing mechanism. H. E. Koch. 2,564,577, Aug. 14.
Canopy, Window. H. B. and E. M. Turner. 2,564,865, Aug. 21.
Canvas awning attachment. W. M. McIlwaine. 2,579,947, Dec. 25.
Canvas seat. D. M. Foote. 2,549,679, Apr. 17.
Canvas truck cover roll-up type. E. C. Peterson. 2,562,209, July 31.
Cap: *See*—

Adjustable sport cap.	Radiator cap.
Bathing cap.	Sectional chimney cap.
Bottle cap.	Self-sealing cap.
Box cap.	Single blank cloth board end cap.
Bubble cap.	Submersible vent cap.
Drop former bottle cap.	Swivel cap.
Drying cap.	Tear-off cap.
Filler cap.	Tube dispenser cap.
Hinged fuel tank cap.	Uniform cap.
Hub cap.	Water well cap.
Identification hub cap.	Yarn doll cap.
Pen cap.	
Protective plastic cap.	

Can and closure, Bottle pouring. C. P. Zurlinden. 2,573,378, Oct. 30.
Cap and lid for condiment dispensers with sealing means for cap apertures, Combination. F. P. Daniell. 2,564,189, Aug. 14.
Cap attached pencil holder. C. C. Vaughn. 2,578,112, Dec. 11.
Cap fastener for excavating bucket digging teeth. E. L. Launder. 2,568,075, Sept. 18.
Cap for a jar, having a dispensing opening, a rotary chamber resiliently sealing said opening, for dispensing fluent material from said jar, Closure. F. P. Pokorny. 2,539,591, Jan. 30.
Cap for aerosol bomb. R. W. Svendsen. 2,573,624, Oct. 30.
Cap for bolts and nuts, Plastic. G. Summers. 2,538,483, Jan. 16.
Cap for collapsible tubes. P. A. Brock. 2,542,987, Feb. 27.
Cap for container of granular material with sifter closure mounted between said two walls for rotation about longitudinal container axis, Two-walled. C. H. Koeppel. 2,554,444, May 22.
Cap for gas appliances, Whistling. L. O. Ellingson. 2,549,300, Apr. 17.
Cap for nursing bottles, Weaning. H. Abelson. 2,569,139, Sept. 25.
Cap for treatment of athlete's foot, Disposable medicated foot. D. W. Beman, Jr. 2,543,272, Feb. 27.
Cap making apparatus, Plastic. E. A. Kehoe and T. R. Burr. 2,550,567, Apr. 24.
Cap pistol, Automatic. C. E. Anderson. 2,569,913, Oct. 2.
Cap remover and retainer. T. W. Lepkowski. 2,564,536, Aug. 14.
Cap remover, Crimped. M. Kondakow and J. Wong. 2,571,898, Oct. 16.
Cap remover, Fulcrum type crown. C. H. Cowan, Jr. 2,576,000, Nov. 20.
Cap remover, Pivoted jaw screw. G. T. Derby. 2,541,216, Feb. 13.
Cap remover, Pivoted lever bottle. J. A. Talbot. 2,551,511, May 1.
Cap remover, Pry type. C. C. Stauffer. 2,545,678, Mar. 20.

Cap remover, Surface supported friction. L. M. Spraker. 2,542,295, Feb. 20.
Cap stayer, Folding. I. and H. Libshutz. 2,541,168, Feb. 13.
Cap structure for fill pipes, Theftproof. R. E. Bolduc. 2,565,166, Aug. 21.
Capping device, Container. T. A. Nelson. 2.541,601, Feb. 13.
Capping head. K. R. Allen and H. G. Vore. 2,579,775, Dec. 25.
Capping machine. S. D. McClellan. 2,542,255, Feb. 20.
Capping machine, Bottle. W. E. Zimmerman. 2,546,205, Mar. 27.
Capping machine, Can. J. P. Jakob. 2,539,427, Jan. 30.
Capping machine with cap heating and cap transfer means. H. G. Vore. 2,551,477, May 1.
Capacitance attenuator. D. F. Bowman. 2,558,925, July 3.
Capacitance strain gauge. J. R. Stovall, Jr. 2,576,489, Nov. 27.
Capacitative commutator. P. C. Harris. 2,573,329, Oct. 30.
Capacitor. J. R. Bird. 2,544,550, Mar. 6.
Capacitor. K. H. Brandt. 2,548,862, Apr. 17.
Capacitor. R. L. Sink. 2,575,364, Nov. 20.
Capacitor, Adjustable tubular. L. J. Sperry. 2,556,453, June 12.
Capacitor for radio-frequency circuits. B. O. Ballou. 2,576,770, Nov. 27.
Capacity integrator, Variable. R. S. Norton. 2,551,964, May 8.
Capillary applicator. O. I. Waring. 2,561,252, July 17.
Capsule and pill handling device. A. Koff. 2,563,534, Aug. 7.
Capsule filling machine with a vertically reciprocable V-shaped sweep. R. M. Fritts. 2,546,300, Mar. 27.
Capsule for producing an alcoholic beverage. F. Frangialli. 2,537,453, Jan. 9.
Capsule making machine and method. R. E. Moule. 2,549,327, Apr. 17.
Capsule, Soil fumigant. W. G. Kay. 2,543,580, Feb. 27.
Captive aircraft control. W. H. Burks, Jr. 2,570,316, Oct. 9.
Car: *See*—
Amusement ride car.
Automatic freight car.
Double-deck railway sleeping car.
Drop bottom mine car.
Drop end gondola car.
Mine car.
Railroad car.
Railway car.
Railway sleeping car.
Refrigerator car.
Rug and linoleum transfer car.
Sleeping car.
Wide frame mine car.
Car-airplane, Convertible. T. P. Hall. 2,562,490, July 31.
Car arrangement, Sleeping. C. L. Eksergian. 2,548,292, Apr. 10.
Car arrangement, Sleeping. G. R. Ericson. 2,548,006, Apr. 10.
Car crib, Removable. R. G. De Fries. 2,538,767, Jan. 23.
Car coupler. W. J. Metzger. 2,562,203, July 31.
Car coupler. W. J. Metzger. 2,562,504, July 31.
Car dumper. W. C. Koehler and G. A. Syversen. 2,552,186, May 8.
Car-dumping mechanism, Rotary. H. F. Flowers. 2,575,869, Nov. 20.
Car floor protector. J. S. Swann. 2,565,705, Aug. 28.
Car for race tracks, Overhead-suspended. R. A. Massey. 2,547,715, Apr. 3.
Car journal lubricator. E. Armstrong. 2,538,075, Jan. 16.
Car lighting structure. A. L. Arenberg and E. C. Zimmerman. 2,570,907, Oct. 9.
Carload adjusting means. E. Prati. 2,548,057, Apr. 10.
Car side construction and load bracing apparatus. E. G. Mangels. 2,576,798, Nov. 27.
Car, Sleeping. E. F. Reinke and F. G. Wiegratz. 2,567,894, Sept. 11.
Car step, Safety. L. W. Jackson. 2,559,123, July 3.
Car top trailer. G. H. Beckley. 2,561,168, July 17.
Car truck, Railway passenger. R. N. Janeway. 2,578,554, Dec. 11.
Car truck, Stabilized. F. D. Barber. 2,571,519, Oct. 16.
Car washer. C. D. Keely. 2,543,975, Mar. 6.
Car wheel boring machine. C. B. Faverty, A. H. Hartwig, W. J. McDonald, and L. Wulff. 2,542,318, Feb. 20.
Car with superposed rooms, Sleeping. C. L. Eksergian and M. Watter. 2,548,293, Apr. 10.
Carbamic acid esters of 3-hydroxy-1-alkyl-pyridinium salts, Disubstituted. R. Urban. 2,572,579, Oct. 23.
Carbamic acid esters, Substituted. K. Engel and C. J. Morel. 2,573,420, Oct. 30.
Carbide tipped gauge block. D. C. Fonda. 2,537,340, Jan. 9.
Carbohydrate polymeric materials, Preparation of. H. W. Durand. 2,563,014, Aug. 7.
Carbon arc feed. R. L. Garman and J. K. McKendry. 2,560,165, July 10.
Carbon bisulfide retort. W. V. Bauer. 2,577,729, Dec. 11.
Carbon bisulfide retort. I. C. Macdougall. 2,577,786, Dec. 11.
Carbon black. R. L. Gholson. 2,550,802, May 1.
Carbon black from high-boiling aromatic oils or tars, Production of. B. R. Kramer. 2,572,734, Oct. 23.
Carbon black, Manufacture of. W. L. Loving. 2,553,199, May 15.
Carbon black pigment dispersion. O. Siemons. 2,544,363, Mar. 6.
Carbon black, Process and apparatus for producing. J. C. Krejci. 2,556,196, June 12.
Carbon black, Production of. J. C. Krejci. 2,564,700, Aug. 21.
Carbon by electrical discharge, Production of. D. Gardner. 2,572,851, Oct. 30.
Carbon compounds, Perfluoro. C. I. Gochenour. 2,546,997, Apr. 3.
Carbon dioxide, Composite solid. C. L. Jones. 2,550,196, Apr. 24.
Carbon dioxide purification process. W. H. Rupp. 2,548,499, Apr. 10.
Carbon dioxide storage. S. C. Marsh. 2,538,023, Jan. 16.
Carbon disulfide, Preparation of. H. O. Folkins and E. L. Miller. 2,565,215, Aug. 21.
Carbon disulfide, Preparation of. H. O. Folkins, C. A. Porter, E. Miller, and H. Hennig. 2,568,121, Sept. 18.
Carbon disulfide process. B. W. Gamson. 2,556,176, June 12.
Carbon disulfide, Production of. B. W. Gamson. 2,556,177, June 12.
Carbon disulfide, Production of. B. W. Gamson. 2,556,178, June 12.
Carbon electrodes, Manufacture of. F. L. Shea, Jr. and L. H. Juel. 2,563,285, Aug. 7.
Carbon holder for writing machines. L. K. Fleischmann. 2,542,496, Feb. 20.
Carbon monoxide and other gases from carbonaceous materials, Production of. L. P. Gaucher. 2,558,746, July 3.
Carbon paper cross-feed for autographic registers. L. A. Holman. 2,576,879, Nov. 27.
Carbon paper, Multicolor. J. R. Ehrlich. 2,559,608, July 10.
Carbon paper pack. B. R. Salisbury. 2,553,476, May 15.
Carbon pile electric regulator. F. Newton. Re. 23,352, Apr. 3.
Carbon pile gyro pick-off. G. P. Silberstein. 2,567,682, Sept. 11.
Carbon pile regulator. W. G. Neild. 2,536,205, Jan. 2.
Carbon rod jack. H. A. Johnson. 2,568,194, Sept. 18.
Carbon sheet supporting device. W. A. Anderson. 2,563,149, Aug. 7.
Carbon sheets, etc., with margin guides. H. J. Kraus. 2,567,435, Sept. 11.
Carbon, sulfur, and hydrogen compositions, Producing. B. W. Gamson. 2,569,095, Sept. 25.
Carbonated beverage dispensing valve. A. R. Burgess. 2,558,700, June 26.
Carbonates of unsaturated diols. D E. Adelson. 2,563,771, Aug. 7.
Carbonating apparatus. W. J. Brendel and J. S. Schapiro. 2,563,390, Aug. 7.
Carbonating machine. G. W. Bayers, Jr. 2,568,980, Sept. 25.
Carbonator. J. L. Hudson. 2,549,311, Apr. 17.
Carbonic acid derivatives of tetrahydrofurfuryl lactate. C. E. Rehberg. 2,543,060, Feb. 27.
Carbonization-activation process, Two-stage continuous. K. B. Stuart. 2,536,105, Jan. 2.
Carbonization activation process, Two-stage continuous. K. B. Stuart. 2,536,782, Jan. 2.
Carbonization apparatus. C. Davies, Jr. 2,575,587, Nov. 20.
Carbonization of cellulose acetate fibers with gaseous HCl and swelling agent to separate from wool fibers. A. Crummett and A. Mellor. 2,566,403, Sept. 4.
Carbonylation catalyst recovery. J. A. Spence. 2,547,178, Apr. 3.
Carbonylation of aromatic halides. H. Bliss and R. W. Southworth. 2,565,461, Aug. 28.
Carbonylation of aromatic halides. W. W. Prichard and G. E. Tabet. 2,565,462, Aug. 28.
Carbonylation of aryl halides. G. E. Tabet. 2,565,463–4, Aug. 28.
Carboxy acyl derivatives of sulfanilamides, Manufacturing. G. S. Delmar and E. N. Macallum. 2,576,825, Nov. 27.
Carboxyalkyl cellulose ethers, Production of. W. M. Hutchinson. 2,555,446, June 5.
Carboxy-containing xylene-soluble resin. M. De Groote and B. Keiser. 2,571,118, Oct. 16.
Carboxyethyl celluloses, Production of. M. M. Cruz, Jr. 2,577,844, Dec. 11.
Carboxylic acids from mercaptans. S. A. Ballard, K. E. Furman, and H. D. Finch. 2,572,238, Oct. 23.
Carboxynhenylpolysiloxane-polyhydric alcohol copolymers. A. J. Barry and J. W. Gilkey. 2,570,090, Oct. 2.
Carboxypyridine sulphonic acid compounds. B. F. Duesel and J. V. Scudi. 2,573,662, Oct. 30.
Carboy, Boxed. W. E. Watson. 2,548,638, Apr. 10.
Carboy container. H. R. Gardner. 2,573,428, Oct. 30.
Carbureted water gas and like gases, Manufacture of. M. Steinschlaeger. 2,544,188, Mar. 6.
Carbureted water gas, Manufacturing. K. W. Stookey. 2,537,242, Jan. 9.
Carburetion system. H. J. McLeod. 2,548,989, Apr. 17.
Carburetion system. F. C. Mock. 2,546,901, Mar. 27.
Carburetor. T. M. Ball. 2,551,719, May 8.
Carburetor. J. M. Barr. 2,558,921, July 3.
Carburetor G. M. Bicknell. 2,563,096, Aug. 7.

Carburetor. R. J. Brunner. 2,568,987, Sept. 25.
Carburetor. H. A. Carlson. 2,554,660, May 29.
Carburetor. E. E. Hans. 2,569,377, Sept. 25.
Carburetor. S. F. Hunt. 2,540,735, Feb. 6.
Carburetor. S. F. Hunt. 2,547,579, Apr. 3.
Carburetor. M. Mallory. 2,572,169, Oct. 23.
Carburetor. H. Schneebeli. 2,544,111, Mar. 6.
Carburetor. J. H. Stresen-Reuter. 2,565,329, Aug. 21.
Carburetor. R. H. and E. S. Sumpter. 2,578,857, Dec. 18.
Carburetor. F. B. Sweeney. 2,574,670, Nov. 13.
Carburetor. E. A. Switzer. 2,538,986, Jan. 23.
Carburetor. A. H. Winkler. 2,541,316, Feb. 13.
Carburetor. A. H. Winkler and W. E. Kelsey. 2,566,012, Aug. 28.
Carburetor air cleaner. J. W. Wistor. 2,570,623, Oct. 9.
Carburetor arrangement. A. B. Metsger. 2,562,202, July 31.
Carburetor choke. E. P. Neuser. 2,571,602, Oct. 16.
Carburetor choke and nozzle, Combined. W. E. Egerer. 2,538,559, Jan. 16.
Carburetor choke mechanism. H. G. Moore. 2,577,260, Dec. 4.
Carburetor, Concentric. M. J. Kittler. 2,564,113, Aug. 14.
Carburetor, Constant air velocity. L. J. Spranger. 2,552,465, May 8.
Carburetor control. T. M. Ball. 2,571,181, Oct. 16.
Carburetor control, Dual. S. W. Bonser. 2,536,716, Jan. 2.
Carburetor for high-pressure valves. J. B. Rogers. 2,556,822, June 12.
Carburetor for submersible vehicles. G. M. Bicknell. 2,556,463, June 12.
Carburetor heat control. A. E. Stoltenberg. 2,572,404, Oct. 23.
Carburetor, Internal-combustion engine. A. C. Russell. 2,536,889, Jan. 2.
Carburetor, Multiple jet. C. H. Burson. 2,573,093, Oct. 30.
Carburetor priming means. A. W. Orr, Jr. 2,552,056, May 8.
Carburetor-valve controlling mechanism. R. L. Click. 2,537,444, Jan. 9.
Carburization of ferrous metals. P. M. Leininger and H. Farrell. 2,568,860, Sept. 25.
Carburizing bath. F. R. Morral. 2,541,085, Feb. 13.
Carburizing bath. F. R. Morral. 2,546,131, Mar. 20.
Carburizing salt bath. E. L. Sawyer and N. W. Marr. 2,562,065, July 24.
Card analyzer and printing means in a tabulator. K. J. Braun. 2,562,232, July 31.
Card analyzing mechanism for tabulators. W. Wockenfuss. 2,562,251, July 31.
Card and dice game, Combination. D. E. Post. 2,560,187, July 10.
Card and framed picture, Combination greeting. R. Bacharach. 2,547,359, Apr. 3.
Card and holder therefor, Index. M. V. Nelson and E. H. Seibert. 2,547,166, Apr. 3.
Card and photograph booklet. C. R. Taylor. 2,564,085, Aug. 14.
Cardboard bottom feed for food wrapping machines. J. W. Smith. 2,540,762, Feb. 6.
Card display holder. G. R. McCarthy. 2,552,685, May 15.
Card displaying apparatus. J. E. Wood. 2,577,596, Dec. 4.
Card feeder for rotary stencil duplicators. A. E. Goodwin. 2,563,600, Aug. 7.
Card, Greeting. A. Podmore. 2,580,241, Dec. 25.
Card holder. L. Clark. 2,563,159, Aug. 7.
Card holder. B. A. Victor. 2,557,523, June 19.
Cardholder for index devices. W. Lang. 2,551,213, May 1.
Card holder for parking meters, Display. M. W. McKenzie. 2,572,174, Oct. 23.
Cardholder, Playing. G. W. Hassell. 2,537,461, Jan. 9.
Card index, Visible. R. W. Riggs. 2,579,757, Dec. 25.
Card, Laminated. R. E. Butler. 2,545,804, Mar. 20.
Card marker. B. Stockfleth. 2,539,874, Jan. 30.
Card or license receiving envelope and tab. L. L. Sherwood. 2,542,214, Feb. 20.
Card, Perforated record. J. M. McCormick. 2,537,778, Jan. 9.
Card, Playing. C. M. Stinson. 2,565,702, Aug. 28.
Card, Pocketed display. H. Garfield. 2,547,078, Apr. 3.
Card punch control system. R. H. Halvorsen. 2,578,185, Dec. 11.
Card punching machine, Key operated. N. S. Welk. 2,569,208, Sept. 25.
Card punching machine, Record. J. M. Cunningham and A. F. Smith. 2,566,931, Sept. 4.
Card, Recording and controlling. K. A. Knutsen. Re. 23,385, July 3.
Card record sorting device. F. V. Zendzian and H. Macaluso. 2,575,505, Nov. 20.
Card selecting apparatus. C. G. Holland-Martin and A. W. Bowyer. 2,539,998, Jan. 30.
Card selecting device. L. J. Gottschalk. 2,577,460, Dec. 4.
Card sorting device. D. H. Young. 2,555,666, June 5.
Card-sorting machine. H. P. Mixer. 2,552,202, May 8.
Card, Stamp carrier. W. H. Wolowitz. 2,568,427 Sept. 18.
Card surprise device, Folded. G. H. Muller. 2,556,098, June 5.
Card sustaining book leaf. A. E. Jones. 2,560,725, July 17.
Card winding machine. B. C. Creed. 2,554,855, May 29.
Carding engine. A. Varga. 2,560,013, July 10.
Carding machine. E. Clark. 2,541,407, Feb. 13.
Cardio-active glycoside, Preparation of a. H. Rosen and C. T. Ichniowski. 2,557,916, June 19.
Cargo aircraft. G. C. Sullivan. 2,577,287, Dec. 4.
Cargo-bracing structure. G. D. Stough. 2,567,658, Sept. 11.
Cargo-handling device, Ship. J. W. Speer. 2,541,893, Feb. 13.
Cargo hook. T. P. Huden. 2,544,596, Mar. 6.
Cargo landing apparatus. O. C. and V. H. Winzen. 2,545,248, Mar. 13.
Cargo tie-down, Adjustable. F. L. Davis. 2,557,499, June 19.
Carillon, Electronic. F. L. Dodd. 2,536,800, Jan. 2.
Carnauba wax substitute. K. G. Arabian and A. A. Schaerer. 2,546,328, Mar. 27.
Carpenter's horse or trestle. G. W. Spikings, Jr. 2,573,740, Nov. 6.
Carpet attaching strip and bracket. C. J. Paul. 2,563,615, Aug. 7
Carpet edge fastening strip. F. S. Karas. 2,554,674, May 29.
Carpet joining device and method. W. J. Reinhard. 2,552,114, May 8.
Carpet rinsing apparatus. H. C. Hartenbach, Jr. 2,572,142, Oct. 23.
Carpet underlay, Making. H. Taylor. 2,575,851, Nov. 20.
Carpetlike fabric, Producing. B. Sterner. 2,553,017, May 15.
Carragheenate arabate coazervate and manufacture. V. C. E. Le Gloahec. 2,556,282, June 12.
Carriage and bassinet, Baby. M. D. Welsh. 2,565,415, Aug. 21.
Carriage and lift apparatus. S. R. Feist. 2,544,593, Mar. 6.
Carriage assembly. A. L. Stone. 2,563,627, Aug. 7.
Carriage, Collapsible baby. J. Vargo. 2,552,656, May 15.
Carriage, Folding. W. P. Bancroft. 2,567,464, Sept. 11.
Carriage, Folding baby. H. E. Cornish. 2,545,069, Mar. 13.
Carriage for chairs, Horizontally adjustable. J. J. Gradle and R. O. Dayton. 2,553,652, May 22.
Carriage for children, Foldable. L. G. Macip. 2,573,106, Oct. 30.
Carriage for flying hot saws. W. Rodder. 2,561,292, July 17.
Carriage for lawn mower sharpeners, Tiltable. W. V. Smith. 2,572,530, Oct. 23.
Carriage for road paving machines, Automatically steered. G. T. Nelson. 2,556,503, June 12.
Carriage guide rail for typewriters or like machines and forming same, Wear resistant. H. J. Hart. 2,538,686, Jan. 16.
Carriage, Manually propelled. E. J. Greig. 2,563,033, Aug. 7.
Carriage positioning mechanism. C. W. Crumrine. 2,547,443, Apr. 3.
Carriage reciprocating mechanism. M. H. Arms and P. A. Grobey. 2,563,301, Aug. 7.
Carriage release for lathes. J. B. Ruatti. 2,551,968, May 8.
Carriage retarding device. W. F. Helmond. 2,568,497, Sept. 18.
Carriage return and line-spacing device, Power-operated. W. T. Sagner. 2,541,295, Feb. 13.
Carriage return mechanism for typewriting and like machines, Power-operated. H. J. Hart. 2,567,937, Sept. 18.
Carriage, Self-propelled. L. Trombetta. 2,542,846, Feb. 20.
Carriage shift mechanism. S. A. E. Lundin. 2,537,227, Jan. 9.
Carriage, Store service. S. N. Goldman. 2,556,532, June 12.
Carriage with folding seats, Bird shaped baby. E. Dore. 2,539,236, Jan. 23.

Carrier: *See*—
- Aircraft tow target carrier.
- Adjustable luggage carrier.
- Amalgam carrier.
- Article carrier.
- Automobile luggage carrier.
- Baby carrier.
- Baby seat carrier.
- Battery carrier.
- Bedrail finishing carrier.
- Bicycle article carrier.
- Bicycle carrier.
- Bobbin carrier.
- Bottle carrier.
- Box and boat automobile carrier.
- Box carrier.
- Clothes carrier.
- Coin carrier.
- Collapsible carrier.
- Collapsible golf bag carrier.
- Collapsible paperboard bottle carrier.
- Drapery carrier.
- Driftable wind propelled fishing line carrier.
- Extensible tire carrier.
- False teeth carrier.
- Fish pole carrier.
- Fish rod carrier.
- Foldable golf bag carrier.
- Foldable wheeled luggage carrier.
- Golf bag attached article carrier.
- Golf-club carrier.
- Golf tee carrier.
- Gun carrier.
- Interchangeable type carrier.

Carrier: *See*—Continued.
Isothermal food and liquid carrier.
Knitting needle carrier.
Log carrier.
Needle carrier.
Negative carrier.
Overhead traveling carrier.
Pet carrier.
Powered carrier.
Printing device carrier.
Reciprocating yarn carrier.
Reel carrier.
Releasable article carrier.
Retractable luggage carrier.
Rod carrier.
Soft drink bottle carrier.
Sound track carrier.
Stabilized paperboard carrier.
Suspended carrier.
Thread carrier.
Truck tire carrier.
Umbrella carrier.
Wheeled golf bag carrier.
Wheeled golf club carrier.
Yarn carrier.
Carrier. A. F. Green. 2,547,459, Apr. 3.
Carrier. V. J. Hepp. 2,567,206, Sept. 11.
Carrier. C. H. Whitcroft. 2,541,626, Feb. 13.
Carrier accessory for vehicles. J. L. Pickett. 2,549,129, Apr. 17.
Carrier and carrier support, Ice-cream cone. H. A. Clement and T. J. Cleghorn. 2,567,054, Sept. 4.
Carrier and filler material. R. B. Arnold and A. L. Galloway. 2,547,730, Apr. 3.
Carrier and rack, Combined bottle. M. S. Anderson. 2,555,102, May 29.
Carrier and radio termination for telephone circuits. E. H. B. Bartelink and E. Daskam, Jr. 2,564,048, Aug. 14.
Carrier and seat, Collapsible child's. J. P. Bosk. 2,549,958, Apr. 24.
Carrier and table, Automobile luggage. A. Di Fonzo. 2,567,104, Sept. 4.
Carrier attachment for tractors. R. C. Harig. 2,560,570, July 17.
Carrier-current phase-angle relaying system. H. W. Lensner, S. L. Goldsborough, and R. C. Cheek. 2,539,444, Jan. 30.
Carrier device for construction blocks. G. O. Ingram and A. Contos. 2,579,826, Dec. 25.
Carrier for automatic immersion apparatus, Material-holder. E. C. Weiskopf. 2,539,802, Jan. 30.
Carrier for automobiles, Bicycle. V. R. Klotz. 2,552,977, May 15.
Carrier for automobiles, Clothes. C. E. Swalwell. 2,550,172, Apr. 24.
Carrier for baby carriages, Luggage or package. V. A. Nidermayer, Jr. 2,558,372, June 26.
Carrier for belt conveyers, Self-aligning. M. A. Kendall. 2,569,419, Sept. 25.
Carrier for bottles, cans, or similar articles. M. I. Williamson. 2,540,065, Jan. 30.
Carrier for bottles, cans, or similar articles. M. I. Williamson. 2,540,067, Jan. 30.
Carrier for braiding and like machines. B. and E. Carter. 2,560,084, July 10.
Carrier for braiding machines. F. Ferruta. 2,579,142, Dec. 18.
Carrier for domestic ironers, Portable wheeled. C. W. Wilkie. 2,555,722, June 5.
Carrier for fire extinguishers, Safety. H. C. Fowle. 2,549,680, Apr. 17.
Carrier for fishing flies. R. H. Linblade. 2,540,340, Feb. 6.
Carrier for golf clubs, Wheeled. G. H. Eastin. 2,578,791, Dec. 18.
Carrier for industrial trucks, Power-operated drum. H. A. Reinhart. 2,548,064, Apr. 10.
Carrier for outboard motors. M. B. Cross. 2,575,749, Nov. 20.
Carrier for perforated record cards. L. J. Angus. 2,537,732, Jan. 9.
Carrier for perfumed or other odoriferous material. H. Berkowitz. 2,560,681, July 17.
Carrier for photographic sensitized sheet material. C. W. Buckham. 2,538,666, Jan. 16.
Carrier for skis, toboggans, and like articles, Auto-top. M. S. Merrill. 2,575,458, Nov. 20.
Carrier for stores, Shopping. G. W. Concklin. 2,544,220, Mar. 6.
Carrier for typewriters, Paper. W. M. Fitzgerald. 2,548,715, Apr. 10.
Carrier material for agricultural chemicals. D. A. Kohr, Jr., and R. L. Milde. 2,558,762, July 3.
Carrier or the like, Mobile fuel. A. G. Arpin, Jr. 2,548,190, Apr. 10.
Carrier signal receiver, Frequency-modulated. E. H. Armstrong. 2,540,643, Feb. 6.
Carrier suppresion side-band generator. G. L. Usselman. 2,538,543, Jan. 16.
Carrier system signaling circuits. T. S. Skillman. 2,564,378, Aug. 14.
Carrier with interlocking partition elements. W. A. Ringler. 2,559,374, July 3.
Carrier with means for maintaining expanded conditions, Collapsible. W. A. Ringler. 2,556,778, June 12.
Carriers for box cameras. C. Trickey. 2,565,006, Aug. 21.
Carry-all vanity case. M. M. Spitalny. 2,573,620, Oct. 30.
Carry bag. E. M. De Rouville. 2,555,844, June 5.
Carry over mechanism for tabulators. W. Wockenfuss. 2,557,585, June 19.
Carrying case type folding table. W. J. Holt, Jr. 2,559,357, July 3.
Carrying container. H. R. Aschbrenner. 2,549,282, Apr. 17.
Carrying means. H. M. Piker. 2,578,089, Dec. 11.
Carrying means for office machines. R. E. Boyden. 2,567,098, Sept. 4.
Carrying out catalytic reactions with moving catalyst, Method and apparatus for. P. M. Waddill and F. C. Fowler. 2,555,210, May 29.
Carrying out endothermic chemical reactions. V. F. Parry. 2,539,466, Jan. 30.
Carrying out exothermic reactions, Process and apparatus for. L. A. Stengel. 2,538,738, Jan. 16.
Carrying receptacle. M. Gottesman. 2,574,146, Nov. 6.
Cart, Battery. C. A. Adams. 2,579,639, Dec. 25.
Cart, Caddy. E. A. Love. 2,556,814, June 12.
Cart, Child's. C. G. Malin. 2,544,099, Mar. 6.
Cart, Collapsible. B. R. Hall. 2,577,579, Dec. 4.
Cart, Folding shopping. G. Simonian. 2,555,767, June 5.
Cart, Foldable shopping. L. S. Weast. 2,564,939, Aug. 21.
Cart formed from wire, Disposable. S. Mittleburg. 2,579,392, Dec. 18.
Cart, Golf. K. R. Kaltenbach. 2,551,009, May 1.
Cart, Golf club. G. I. Mills. 2,547,829, Apr. 3.
Cart, Medical therapy. M. E. Hickey. 2,575,661, Nov. 20.
Cart, Merchandise. R. C. Tackenberg. 2,572,780, Oct. 23.
Cart, Picking. F. H. Fujita. 2,578,793, Dec. 18.
Cart, Rolling. F. Neal. 2,571,601, Oct. 16.
Cart, Stair hand. L. Kinter. 2,565,237, Aug. 21.
Cart, Straddle type trailer. M. H. and A. M. Peters. 2,536,567, Jan. 2.
Cart, Trail. A. F. J. Lafky. 2,546,604, Mar. 27.
Cart, Utility. A. F. Meyer. 2,578,440, Dec. 11.
Carton. J. Gariepy. 2,542,504, Feb. 20.
Carton. B. Haynes. 2,571,133, Oct. 16.
Carton. L. D. Lehman. 2,536,948, Jan. 2.
Carton. G. P. Props. 2,540,595, Feb. 6.
Carton. A. Read. 2,570,982, Oct. 9.
Carton. J. A. Zinn, Jr. 2,553,803, May 22.
Carton and carton blank. J. A. Gilbert. 2,572,610, Oct. 23.
Carton and easel for sheets. J. D. Schneider. 2,542,949, Feb. 20.
Carton and method, Liquidtight. F. D. Bergstein. 2,549,048, Apr. 17.
Carton and method, Sealed. F. D. Bergstein. 2,543,757, Mar. 6.
Carton and opening flap therefor, Folding. O. M. Miller. 2,557,914, June 19.
Carton and self-feeder, Convertible shipping. W. C. Rendall and F. L. Rushing. 2,556,661, June 12.
Carton and self-feeder, Convertible shipping. W. C. Rendall and F. L. Rushing. 2,556,707, June 12.
Carton and wrapper for fragile articles, Combination. R. E. Paige. 2,580,043, Dec. 25.
Carton, Automatic lock bottom. L. H. Phillips. 2,569,335, Sept. 25.
Carton, Bottle. G. C. Currie and W. A. Becker. 2,556,069, June 5.
Carton capable of holding liquids, Paperboard. W. A. Ringler. 2,563,619, Aug. 7.
Carton, Cellular. M. Burger. 2,554,613, May 29.
Carton closure. R. M. Dunning. 2,555,581, June 5.
Carton, Collapsible. L. H. Phillips. 2,544,565, Mar. 6.
Carton, Collapsible. R. A. Samsing. 2,545,589, Mar. 20.
Carton, Collapsible cellular. H. V. Bolding. 2,574,461, Nov. 13.
Carton, Collapsible cellular. K. T. Buttery. 2,563,233, July 31.
Carton, Collapsible cellular. W. H. Inman. 2,556,088, June 5.
Carton construction. K. E. Maxon. 2,565,182, Aug. 21.
Carton, Counter display. B. B. Kaplan. 2,571,252, Oct. 16.
Carton creasing and closing machine. J. Bousquet. 2,573,393, Oct. 30.
Carton cutter attachment for drink mixers. G. H. Goodman and A. B. Staples. 2,571,705, Oct. 16.
Carton dispenser. L. H. Tobey. 2,570,167, Oct. 2.
Carton, Dispensing. T. E. Piazze. 2,557,839, June 19.
Carton, Dispensing display. H. V. Bolding. 2,549,568, Apr. 17.
Carton, Display. R. A. Lambert. 2,557,828, June 19.
Carton, Display. R. J. Hennessey. 2,554,190, May 22.
Carton, Divisible. E. F. Johnson. 2,551,679, May 8.
Carton, Double-walled collapsible. R. E. Paige. 2,577,588, Dec. 4.
Carton, Duplex fishing line. E. P. Hoyle. 2,561,699, July 24.
Carton, Egg. J. W. Lennon. 2,569,681, Oct. 2.
Carton, Egg. L. Schwartzberg. 2,537,374, Jan. 9.
Carton, Egg. L. Schwartzberg. 2,551,854, May 8.
Carton end closure structure. R. M. Dunning. 2,564,099, Aug. 14.
Carton erecting machine, Automatic. L. Benoit and R. Vahle. 2,561,776, July 24.
Carton, Foldable. O. A. Berman. 2,543,275, Feb. 27.
Carton folder. E. J. Pagendarm. 2,580,189, Dec. 25.
Carton, Folding. R. C. Ellsworth. 2,547,628, Apr. 3.
Carton, Folding. W. R. Saidel. 2,579,760, Dec. 25.
Carton for cushioned shipping and displaying fragile articles. I. I. Kloner. 2,541,368, Feb. 13.

Carton for cylindrical objects. G. C. Currie. 2,559,948, July 10.
Carton for fragile articles, Molded. W. H. Randall. 2,578,739, Dec. 18.
Carton for glass, Shipping. J. A. Farrell. 2,556,529, June 12.
Carton for incandescent lamps. W. A. Ringler. 2,569,733, Oct. 2.
Carton for packaging radio tubes and like articles. J. E. Mires. 2,537,151, Jan. 9.
Carton forming machine. L. Veyret and G. Geffroy. 2,551,186, May 1.
Carton handling device. E. C. Burhans. 2,574,087, Nov. 6.
Carton handling machine. C. E. Kerr and R. Elsheimer. 2,577,529, Dec. 4.
Carton handling machine. T. E. Piazze. 2,541,607, Feb. 13.
Carton having end closures of substantially uniform thickness. J. A. Zinn, Jr. 2,553,804, May 22.
Carton, Lined. J. A. Zinn, Jr. 2,558,918, July 3.
Carton, Lined multiple-blank master shipping. H. W. Beck, Jr., and C. F. Gibbons. 2,564,948, Aug. 21.
Carton lining device. E. M. Roach. 2,576,697, Nov. 27.
Carton machine, Paper. C. T. Walter, L. R. Newton, and H. E. Haase. 2,552,127, May 8.
Carton, Master shipping. W. C. George. 2,570,340, Oct. 9.
Carton, Multicompartment folding. M. I. Williamson. 2,558,715, June 26.
Carton, Novelty paperboard. C. F. Klein. 2,550,417, Apr. 24.
Carton, One-piece reinforced. R. Guyer. 2,565,682, Aug. 28.
Carton packing construction. R. J. Hennessey. 2,570,946, Oct. 9.
Carton, Partitioned. R. M. Bergstein. 2,545,803, Mar. 20.
Carton, Reinforced. R. Geyer. 2,556,915, June 12.
Carton, Self-erecting. A. G. Edtmiller. 2,572,123, Oct. 23.
Carton setup machine. L. F. Carkhuff. 2,572,800, Oct. 23.
Carton, Skeleton. S. Lighter. 2,548,985, Apr. 17.
Carton, Telescopic shipping. L. J. Rosenberg. 2,567,786, Sept. 11.
Carton, Toothbrush. E. W. Fuerst. 2,541,510, Feb. 13.
Carton, Tray type. K. T. Buttery. 2,578,878, Dec. 18.
Carton with automatic cover locking means. W. C. George. 2,574,384, Nov. 6.
Carton with corner-shaped closure cap. W. B. Butler. 2,571,199, Oct. 16.
Cartouche for joining metal bodies, especially for light metals, by welding. A. Schiltknecht. 2,569,956, Oct. 2.
Cartridge. R. E. McGahey, Jr. 2,568,078, Sept. 18.
Cartridge. R. E. McGahey, Jr. 2,568,080, Sept. 18.
Cartridge and making, Desiccant. R. S. Gaugler. 2,536,274, Jan. 2.
Cartridge belt. B. Sahlin and E. E. Jansson. 2,550,204, Apr. 24.
Cartridge belt feeding mechanism. E. H. Waltke. 2,558,801, July 3.
Cartridge case. G. Jensen. 2,566,569, Sept. 4.
Cartridge chute for machine guns, Expended clip. A. W. Gardes. 2,568,229, Sept. 18.
Cartridge dispenser. E. P. Fraley. 2,573,003, Oct. 30.
Cartridge dispenser. A. B. Saunders. 2,542,842, Feb. 20.
Cartridge ejector, Submarine carried. J. V. Amero. 2,546,961, Apr. 3.
Cartridge feeding device. F. M. Carroll. 2,569,798, Oct. 2.
Cartridge feeding device for automatic firearms. G. Webb and W. L. Swartz. 2,546,804, Mar. 27.
Cartridge feeding mechanism for automatic firearms. G. Webb and W. L. Swartz. 2,537,562, Jan. 9.
Cartridge, Filter. S. W. Briggs. 2,548,584, Apr. 10.
Cartridge, Filter. C. B. Chase. 2,564,637, Aug. 14.
Cartridge for automatic guns. S. Keller and E. Keller. 2,573,451, Oct. 30.
Cartridge for below-surface treatment of molten metals. S. Tour. 2,550,735, May 1.
Cartridge for hot-bearing or hotbox alarms or indicators. H. W. Faus. 2,552,271, May 8.
Cartridge guide and stop for machine guns. W. Clayton. 2,545,068, Mar. 13.
Cartridge holding box. W. V. Davis. 2,560,417, July 10.
Cartridge-stop means for tubular-magazine firearms. F. L. Humeston. 2,562,037, July 24.
Cartridge structure for toy guns. T. H. Payne. 2,539,963, Jan. 30.
Cartridge syringe, including a cannula attaching chuck. D. C. Williams. 2,577,556, Dec. 4.

Case: *See*—

Atomizer case.
Beverage case.
Bottle case.
Brief case.
Carry-all vanity case.
Cartridge case.
Cigarette case.
Collapsible case.
Conical truss differential case.
Display case.
Egg case.
Film reel carrying case.
Film transport case.
Fitted traveling case.
Flat opening case.
Fluid- and dustproof case.
Gun-carrying case.
Gun case.
Interlocking filing case.
Jewelry case.
Jewelry storage and display case.
Key case.
Knitting case.
Latch case.
Lipstick case.
Meter reading card case.
Motion-picture projector case.
Multiple purpose refrigerated case.
Perfume case.
Portable beverage case.
Portable filing case.
Portable typewriter carrying case.
Refrigerated display case.
Self-contained easel display case.
Semistiff walled toilet case.
Shipping case.
Slide fastener brief case.
Sorting case.
Spectacle case.
Tool case.
Watertight cigarette and match case.
Wrist watch case.

Case and ash tray support for barbers' chairs, Combination spectacle. W. T. Lamb. 2,550,699, May 1.
Case and dispenser, Cigarette. W. W. Jennings. 2,548,310, Apr. 10.
Case and inner attached tray. P. Gusmorino. 2,552,170, May 8.
Case and making same, Plastic cartridge. A. C. Johnson and R. O. Phillips. 2,564,695, Aug. 21.
Case and screen for picture projectors, Combined carrying. E. W. Ericson. 2,560,335, July 10.
Case and stand for portable machines, Combination carrying. H. A. Trumbo. 2,575,537, Nov. 20.
Case and tissue packet therefor, Pocket tissue. E. J. Barrett. 2,559,528, July 3.
Case and workstand, Convertible machine carrying. P. Ayotte. 2,554,135, May 22.
Case, box, or container, Foldable. M. van Cappellen. 2,574,303, Nov. 6.
Case closing and sealing apparatus. K. Holstebroe, E. Ardell, and H. S. Kayser. 2,542,083, Feb. 20.
Case construction for bread toasters. R. A. Miller. 2,564,368, Aug. 14.
Case filling machine. C. H. Neer. 2,559,655, July 10.
Case for borehole measuring instruments, Shockproof. R. J. Bethancourt. 2,577,599, Dec. 4.
Case for boxed cigars, Humidor. A. L. Dempsey, Sr. 2,551,829, May 8.
Case for elongated articles. R. L. Flannery. 2,545,611, Mar. 20.
Case for fraternity aprons. P. J. Ihling. 2,538,689, Jan. 16.
Case for match packages. D. J. McKenzie. 2,556,817, June 12.
Case for microfilms. H. S. Liber. 2,544,844, Mar. 13.
Case for pocket watches, Traveling. D. S. Ingraham. 2,567,564, Sept. 11.
Case for ritualistic aprons and the like. P. J. Ihling. 2,555,694, June 5.
Case for rockets, Igniter. N. T. Grisamore and A. Kossiakoff. 2,548,972, Apr. 17.
Case hardening composition. I. L. Newell. 2,553,865, May 22.
Case having a member for automatically wiping clean the mirror contained in the case, Vanity. J. Siegal. 2,549,643, Apr. 17.
Case, more particularly for keys, Carrying. H. R. Corwin and J. Wexler. 2,566,118, Aug. 28.
Case sealing machine. E. J. Derderian. 2,579,803, Dec. 25.
Case shift mechanism for typewriters and like machines. W. F. Helmond. 2,569,668, Oct. 2.
Case shift mechanism for typewriting machines. J. C. Veltman and W. O. Michelsen. 2,547,895, Apr. 3.
Case stand. E. Hunziker. 2,567,669, Sept. 11.
Case with spring operated closures, Partitioned cigarette. E. A. Lemire. 2,567,218, Sept. 11.
Casein, Manufacture of. P. F. Sharp and J. B. Shields. 2,562,646, July 31.
Casement window lock. S. C. Reynaud. 2,565,092, Aug. 21.
Cases for sewing machines, Locking thread supply. F. Ashworth. 2,578,659, Dec. 18.
Cashbox. W. H. Whitcomb. 2,547,512, Apr. 3.
Cash register. R. Ericsson. 2,539,949, Jan. 30.
Cash register and accounting machine. L. E. Zurbuchen. 2,571,645, Oct. 16.
Cash register sign holder. N. J. Steinau. 2,577,044, Dec. 4.
Cashew nut shell extract. M. T. Harvey. 2,577,521, Dec. 4.
Casing apparatus for cementing wells, Side ported. T. M. Ragan. 2,569,732, Oct. 2.
Casing centralizer. R. C. Baker. 2,546,582, Mar. 27.
Casing centralizer. R. C. Baker. 2,555,628, June 5.
Casing centralizer. E. H. Clark, Jr. 2,562,083, July 24.
Casing collar locator. H. C. Fagan. 2,558,427, June 26.
Casing collar locator. L. M. Swift. 2,554,844, May 29.
Casing for boilers. F. Rankin and H. Dannemann. 2,575,069, Nov. 13.
Casing for collapsible tube, with roller-type squeezer for said tube, Dispensing. J. W. Gunnarson. 2,578,472, Dec. 11.
Casing for telephone instrument adapted to be used either as desk set or wall set. J. C. Bjerknes. 2,558,699, June 26.
Casing for the motors and spinning pots of textile spinning machines. W. Hartley. 2,580,172, Dec. 25.

Casing head equipment. L. M. C. Seamark. 2,559,321, July 3.
Casing, Laundry machine. J. F. Horvath. 2,540,884, Feb. 6.
Casing machine. T. S. Hartness. 2,556,082, June 5.
Casing or cover for a handle or the like. K. Horch. 2,548,215, Apr. 10.
Casing or enclosure for water softening apparatus. R. K. Lynes. 2,579,328, Dec. 18.
Casing perforating gun. A. Barry. 2,543,823, Mar. 6.
Casing-structure for air heating furnaces. R. E. Deming. 2,563,801, Aug. 14.
Casing structure for reduction drive units. R. B. Moir and O. I. Stangeland. 2,548,805, Apr. 10.
Cask or tank with belt weld, Metal. D. J. Branning. 2,551,484, May 1.
Casket lowering device. E. H. Kaiser. 2,560,450, July 10.
Casket, Plastic. C. M. Reed. 2,579,756, Dec. 25.
Cast alnico magnets, Making. D. G. P. Ebeling. 2,578,407, Dec. 11
Cast cutter. M. Boyer. 2,571,527, Oct. 16.
Cast iron, Manufacture of. J. G. Platon. 2,560,471, July 10.
Cast iron, Production of. H. Morrogh. 2,552,204, May 8.
Cast-metal electrically-heated device and resistance elements therefor. A. E. Reimers. 2,536,767, Jan. 2.
Castable refractories. T. W. Ratcliffe. 2,558,782, July 3.
Caster. R. Ferwerda. 2,560,562, July 17.
Caster. J. P. Reinhardt. 2,566,853, Sept. 4.
Caster. G. F. Shepherd. 2,539,108, Jan. 23.
Caster wheel tire construction. J. A. Diehl. 2,560,036, July 10.
Casting apparatus, Continuous. J. F. Jordan. 2,553,921, May 22.
Casting concrete shingles. C. F. Schaaf. 2,560,781, July 17.
Casting die sets. E. Schaefer. 2,556,148, June 5.
Casting fly. C. J. Pray. 2,551,221, May 1.
Casting gelatin tablets. J. C. Bird and T. G. Rochow. 2,552,027, May 8.
Casting layer of apparatus for the manufacture of photographic film supports. S. P. Hendricx. 2,558,555, June 26.
Casting lure. W. M. Gambill. 2,546,437, Mar. 27.
Casting lure. R. H. La Fleur. 2,536,553. Jan. 2.
Casting machine. W. N. Brammer. 2,553,744, May 22.
Casting machine. N. and T. J. Lester. 2,543,503, Feb. 27.
Casting machine. E. M. Tallberg. 2,564,615, Aug. 14.
Casting machine, Centrifugal. L. F. Dalton. 2,570,325, Oct. 9.
Casting machine, Centrifugal. S. Dubin. 2,542,757, Feb. 20.
Casting machine, Centrifugal. T. E. Johnson. 2,550,642, Apr. 24.
Casting machine, Grid plate. A. D. Lund. 2,547,081, Apr. 3.
Casting machine, Typographical. J. H. Hilpman. 2,557,286, June 19.
Casting metal continuously. C. B. Francis and R. B. Porter. 2,565,959, Aug. 28.
Casting method. R. E. Cunningham. 2,548,353, Apr. 10.
Casting method and apparatus. J. B. Brennan. 2,569,150, Sept. 25.
Casting method and compositions. J. S. Church and H. R. Tyler. 2,559,345, July 3.
Casting objects from magnesia cements. J. F. M. Verdier Dufour. 2,545,323, Mar. 13.
Casting of metal, Continuous. J. V. Giesler and H. E. Kaserman. 2,560,639, July 17.
Casting reel. D. B. Ferguson. 2,551,320–1, May 1.
Casting reel. E. Funk. 2,559,215, July 3.
Casting reel. F. A. King. 2,561,801, July 24.
Casting reel. C. C. McFate. 2,569,770, Oct. 2.
Casting rod. L. E. Sturdevant. 2,538,338, Jan. 16.
Casting rod handle. P. H. Mullins. 2,547,655, Apr. 3.
Casting solution of cellulose propionate. J. H. Prichard. 2,559,794, July 10.
Casts and for making shoes therefrom, Making. A. E. Murray. 2,568,292, Sept. 18.
Castor oil and manufacture, Oxidized phthalated. F. E. Fuchs. 2,540,439, Feb. 6.
Castor oil ortho silicate gels. H. F. Miller and R. G. Flowers. 2,544,342, Mar. 6.
Catadioptric optical system. D. S. Grey. 2,576,011, Nov. 20.
Cataloguing machine. C. L. Singleton. 2,573,814, Nov. 6.
Catalysis of addition reactions. R. M. Cole. 2,545,261, Mar. 13.
Catalyst apparatus, Fluidized. G. L. Matheson. 2,537,685, Jan. 9.
Catalyst chamber. W. L. Houston, Jr. 2,579,672, Dec. 25.
Catalyst chamber construction. C. L. Rogers. 2,546,044, Mar. 20.
Catalyst control slide valve. W. A. Hagerbaumer. 2,555,129, May 29.
Catalyst for hydrocarbon conversion. R. N. Fleck. 2,547,380, Apr. 3.
Catalyst for the reaction of carbon monoxide and hydrogen with unsaturated compounds. W. A. McMillan. 2,578,144, Dec. 11.
Catalyst for the synthesis of hydrocarbons. J. A. Pierce and R. W. Richardson. 2,541,663, Feb. 13.
Catalyst for the synthesis of hydrocarbons. M. A. Segura. 2,540,599, Feb. 6.
Catalyst for the synthesis of hydrocarbons, Magnetite containing. J. A. Pierce. 2,537,699, Jan. 9.
Catalyst gel beads by emulsifying, Preparation of. W. O. Milligan. 2,568,352, Sept. 18.
Catalyst manufacture and apparatus therefor. H. A. Shabaker. 2,543,132, Feb. 27.
Catalyst, Manufacture of. S. B. Heath. 2,542,813, Feb. 20.
Catalyst regeneration. J. W. Barker. 2,561,331, July 24.
Catalyst regeneration. G. F. Kuhn. 2,579,678, Dec. 25.
Catalyst regeneration. C. C. Peavy. 2,561,408, July 24.
Catalyst regeneration. S. W. Walker and A. G. Eickmeyer. 2,544,574, Mar. 6.
Catalyst regeneration process. J. G. Allen. 2,552,659, May 15.
Catalyst regeneration process, Fluidized. H. Z. Martin. 2,543,863, Mar. 6.
Catalyst unit for lighters. G. P. Schmitt. 2,558,061, June 26.
Catalysts and process for the production of carbon disulfide by reaction of hydrocarbons and sulfur vapor. H. O. Folkins and E. Miller. 2,536,680, Jan. 2.
Catalysts containing silica and a metal oxide and with or without magnesia, Preparation of. C. N. Kimberlin, Jr., and J. P. Bilisoly. 2,551,015, May 1.
Catalysts containing silica and alumina or magnesia or both, Preparation of. C. N. Kimberlin, Jr., and J. P. Bilisoly. 2,551,014, May 1.
Catalysts for the conversion of carbon oxides with hydrogen, Preparation of. D. R. McAdams and M. A. Segura. 2,565,977, Aug. 28.
Catalytic alkylation. J. P. Daugherty. 2,541,044, Feb. 13.
Catalytic chloromethylation of aromatic compounds F. O. Cockerville. 2,541,408, Feb. 13.
Catalytic contacting apparatus. J. R. Tusson. 2,550,948, May 1.
Catalytic contacting unit with gas separator. D. D. McKinney. 2,577,791, Dec. 11.
Catalytic conversion. J. F. Black and K. K. Kearby. 2,542,464, Feb. 20.
Catalytic conversion of bituminous solids, Multistage. L. C. Huff. 2,573,906, Nov. 6.
Catalytic conversion of cyclohexyl formate to cyclohexanone. L. A. Trimm and J. N. Cosby. 2,552,300, May 8.
Catalytic conversion of hydrocarbons. N. K. Anderson. 2,541,186, Feb. 13.
Catalytic conversion of hydrocarbons. L. H. Beckberger. 2,536,254, Jan. 2.
Catalytic conversion of hydrocarbons. L. E. Olson. 2,544,350, Mar. 6.
Catalytic conversion of hydrocarbons. L. E. Olson. 2,558,375, June 26.
Catalytic conversion of hydrocarbons. H. L. Pelzer. 2,546,234–5, Mar. 27.
Catalytic conversion of hydrocarbons, Process and apparatus for the. E. W. Shand. 2,560,899, July 17.
Catalytic conversion of hydrocarbons with finely divided catalyst in two stages. G. F. Kuhn. 2,539,583, Jan. 30.
Catalytic conversion of hydrocarbons with finely divided catalysts utilizing sonic vibrations. R. B. Smith. 2,578,377, Dec. 11.
Catalytic conversion of polychlorocyclohexanes to polychlorobenzene. F. N. Alquist, J. L. Wasco and K. C. Kauer. 2,569,441, Oct. 2.
Catalytic conversion process. C. E. Hemminger. 2,560,343, July 10.
Catalytic conversion with a fluidized solid catalyst. C. W. Watson. 2,567,259, Sept. 11.
Catalytic cracking and destructive hydrogenation of heavy asphaltic oils. W. C. Douce. 2,559,285, July 3.
Catalytic cracking of heavy hydrocarbons in two stages. G. I. Jenkins. 2,560,511, July 10.
Catalytic cracking of hydrocarbons. H. L. Pelzer and K. M. Watson. 2,550,290, Apr. 24.
Catalytic cracking of hydrocarbons. G. M. Verley. 2,541,795, Feb. 13.
Catalytic cracking of hydrocarbons and apparatus therefor. R. C. Lassiat, G. H. Kelso and J. E. Evans, 2,547,021, Apr. 3.
Catalytic cracking of hydrocarbons utilizing a moving catalyst bed. H. G. Shimp. 2,550,727, May 1.
Catalytic cracking system. J. W. Loy. 2,551,145, May 1.
Catalytic dehydration process. G. Karmas. 2,574,484, Nov. 13.
Catalytic dehydrofluorination. J. F. Eberle. 2,570,925, Oct. 9.
Catalytic dehydrogenation of paraffins. J. W. Myers. 2,576,034, Nov. 20.
Catalytic dehydrogenation of petroleum naphthenes. R. C. Brandon. 2,560,329, July 10.
Catalytic dehydrogenation of piperazine to pyrazine. J. K. Dixon. 2,580,221, Dec. 25.
Catalytic dehydrohalogenation of halogenated saturated acyclic ethers to the corresponding unsaturated ethers. M. Séon and I. Raitzyn. 2,564,035, Aug. 14.
Catalytic desulfurization of gas oil. P. Docksey and F. W. B. Porter. 2,574,448, Nov. 6.

Catalytic desulfurization of gas oil-kersosene mixtures. P. Docksey and F. W. B. Porter. 2,574,446, Nov. 6.
Catalytic desulfurization of kerosene and white spirits. F. W. B. Porter and F. R. G. Green. 2,574,445, Nov. 6.
Catalytic desulfurization of naphthenic petroleum hydrocarbons followed by catalytic cracking. H. T. Lorne and F. W. B. Porter. 2,574,449, Nov. 6.
Catalytic desulfurization of petroleum hydrocarbons. F. W. B. Porter. 2,574,447, Nov. 6.
Catalytic desulfurization of petroleum hydrocarbons. F. W. B. Porter and R. P. Northcott. 2,574,451, Nov. 6.
Catalytic desulphurisation of naphthas. F. W. B. Porter and F. R. G. Green. 2,573,726, Nov. 6.
Catalytic hydrocarbon conversion process and apparatus. K. L. Mills, Jr., and C. J. Helmers. 2,541,267, Feb. 13.
Catalytic hydrogenation and apparatus therefor. L. B. Goodson and J. A. Guyer. 2,548,015, Apr. 10.
Catalytic hydrogenation of acetophenone to phenyl methyl carbinol. H. R. Guest and R. W. McNamee. 2,575,404, Nov. 20.
Catalytic hydrogenation of acetophenone to phenyl methyl carbinol. D. M. Young, F. G. Young, Jr., and H. R. Guest. 2,575,403, Nov. 20.
Catalytic hydrogenation of unsaturated fluorohydrocarbons. P. L. Barrick. 2,550,953, May 1.
Catalytic hydrogenolysis of heavy residual oils. H. W. Fleming. 2,541,229, Feb. 13.
Catalytic isomerization of acetylenic hydrocarbons. J. C. Hillyer and J. F. Wilson. 2,579,669, Dec. 25.
Catalytic isomerization of olefinic hydrocarbons. C. W. Montgomery, G. L. Sumner, and L. Berg. 2,568,964, Sept. 25.
Catalytic oil cracking. E. V. Mathy and C. J. Helmers. 2,564,268, Aug. 14.
Catalytic oxidation of alkyl benzenes to produce aryl alkyl ketones and carbinols. G. A. Baker and W. H. Spondon. 2,545,870, Mar. 20.
Catalytic polymerization. A. V. Grosse. 2,543,016, Feb. 27.
Catalytic polymerization of α olefins. E. F. Peters. 2,552,508, May 15.
Catalytic process. E. L. Little, Jr. 2,548,803, Apr. 10.
Catalytic process for alkylating aromatic compounds using a metal molybdite catalyst. F. S. Fawcett and B. W. Howk. 2,572,019, Oct. 23.
Catalytic process for the reforming of gasoline, Three-stage. L. S. Kassel. 2,573,149, Oct. 30.
Catalytic process using isopoly and heteropoly acids. W. C. Starnes and J. B. McKinley. 2,554,597, May 29.
Catalytic processes for ester-ester interchange. E. W. Eckey. 2,558,547, June 26.
Catalytic reaction of hydrofuryl carbinols with ammonia or amines. L. J. Spillane and R. C. Tallman. 2,543,424, Feb. 27.
Catalytic reaction of isoparaffin hydrocarbons. R. M. Kennedy and A. Schneider. 2,557,113, June 19.
Catalytic reaction of olefins with carbon monoxide and hydrogen. W. M. Smith. 2,557,701, June 19.
Catalytic reactions and adsorptions, Process and apparatus for. S. R. Funsten. 2,561,852, July 24.
Catalytic reactor. F. E. Gilmore. 2,548,966, Apr. 17.
Catalytic rearrangement of pinene to camphene. H. R. Arnold and J. E. Carnahan. 2,571,997, Oct. 23.
Catalytic reduction of carbon oxide by hydrogen. W. G. Frankenburg. 2,539,414, Jan. 30.
Catalytic reforming of hydrocarbons in the presence of hydrogen. E. T. Layng. 2,547,221, Apr. 3.
Catalytic vapor phase fluorination apparatus. F. B. Downing and J. B. Roberts. 2,570,435, Oct. 9.
Catamenial device. H. G. Ely. 2,536,631, Jan. 2.
Cataphoretic deposition of boron. O. Flint. 2,536,734, Jan. 2.
Catapulting mechanism for fish bait. C. G. Hall. 2,569,604, Oct. 2.
Cataract bifocal lens. H. A. Courmettes. 2,574,960, Nov. 13.
Catch. D. W. Bergdorf. 2,577,507, Dec. 4.
Catch. E. M. Borchers. 2,559,145, July 3.
Catch. E. W. North. 2,550,852, May 1.
Catch and frame insert. R. A. Stone. 2,561,295, July 17.
Catch construction for cases. C. Fyfe. 2,567,881, Sept. 11.
Catchall for children's high chairs. C. F. Mayer. 2,540,685, Feb. 6.
Catchup dispenser. J. C. Lowe, Jr. 2,572,167, Oct. 23.
Catheter with ball valve. R. Wahlbeck. 2,552,469, May 8.
Catheters, Making. V. J. Flynn. 2,561,569, July 24.
Cathode arrangement for electron discharge devices. A. F. H. Thomson, G. P. Wright, and A. R. Rangabe. 2,567,624, Sept. 11.
Cathode. W. A. Emanuel, K. O. Sweeney, and C. Weis. 2,536,877, Jan. 2.
Cathode and heater structure for electron tubes. W. W. Eitel and H. D. Miller. 2,577,239, Dec. 4.
Cathode arrangement for television tubes. R. R. Thalner. 2,563,490, Aug. 7.
Cathode coatings. C. W. Becker. 2,559,530, July 3.
Cathode coatings, Heat-resistant. H. T. Swanson. 2,552,654, May 15.
Cathode compensated electronic tube circuit. W. W. Moe. 2,548,901, Apr. 17.
Cathode construction, Thermionic. T. H. Briggs, Jr. 2,551,871, May 8.
Cathode for electron discharge devices, Nonsputtering. A. H. W. Beck. 2,568,705, Sept. 25.
Cathode gas-filled transducer device, Cold. P. F. Still. 2,565,996, Aug. 28.
Cathode glow discharge device. N. B. Wales, Jr. 2,573,373, Oct. 30.
Cathode, Incandescible. H. J. Lemmens, M. J. Jansen, and R. Loosjes. 2,543,728, Feb. 27.
Cathode, Indirectly heated. B. O. M. Gall. 2,542,656–7, Feb. 20.
Cathode mount making apparatus. J. Flaws, Jr. 2,565,126, Aug. 21.
Cathode-pulsing communication system. W. S. Halstead. 2,541,050, Feb. 13.
Cathode-ray beam deflection circuit. G. C. Sziklai. 2,566,432, Sept. 4.
Cathode-ray beam deflection system, High-efficiency. E. L. Clark. 2,536,838, Jan. 2.
Cathode-ray beam deflection system, Power recovery. E. L. Clark and C. W. Hoyt. 2,536,839, Jan. 2.
Cathode-ray beam intensity control. R. M. Silliman. 2,567,861, Sept. 11.
Cathode ray deflection system. B. E. Denton. 2,555,832, June 5.
Cathode-ray deflection system, High-efficiency. O. H. Schade. 2,536,857, Jan. 2.
Cathode-ray device. A. E. Anderson. 2,540,835, Feb. 6.
Cathode-ray device. M. E. Mohr. 2,576,029, Nov. 20.
Cathode-ray device. J. R. Pierce, C. E. Shannon, and J. W. Tukey. 2,576,040, Nov. 20.
Cathode-ray image presentation system. D. E. Maxwell. 2,570,139, Oct. 2.
Cathode-ray indicating system, Expanded. E. G. Schneider. 2,555,163, May 29.
Cathode-ray indicator. I. H. and R. M. Page. 2,537,081, Jan. 9.
Cathode-ray polar coordinate vector plotter. A. H. Waynick. 2,576,818, Nov. 27.
Cathode-ray screen coated with zinc or magnesium fluoride phosphors. M. C. Banca. 2,558,532, June 26.
Cathode ray tube. J. M. Cage. 2,567,874, Sept. 11.
Cathode-ray tube. J. M. Cage. 2,569,654, Oct. 2.
Cathode-ray tube. M. L. Kaplan. 2,567,714, Sept. 11.
Cathode-ray tube. J. S. Lockyer. 2,579,941, Dec. 25.
Cathode-ray tube. H. G. Lubszynski. 2,555,091, May 29.
Cathode-ray tube. O. H. Schade. 2,556,824, June 12.
Cathode-ray tube. C. S. Szegho. 2,564,737, Aug. 21.
Cathode-ray tube. C. S. Szegho and H. H. Boeing. 2,565,533, Aug. 28.
Cathode-ray tube apparatus for comparing two electrical signals. D. C. Culver. 2,561,612, July 24.
Cathode-ray tube apparatus for producing sector scan. L. J. Haworth. 2,573,017, Oct. 30.
Cathode-ray tube arc-over preventive. L. E. Swedlund. 2,545,120, Mar. 13.
Cathode-ray tube circuit. M. Arditi. 2,576,093, Nov. 27.
Cathode-ray tube commutator system. W. D. Houghton. 2,568,336, Sept. 18.
Cathode-ray tube electrode. E. Pohle and A. Y. Bentley. 2,567,893, Sept. 11.
Cathode-ray tube magnetic focusing. R. E. Meagher. 2,555,147, May 29.
Cathode-ray tube mounting means. R. J. Shaw. 2,565,327, Aug. 21.
Cathode-ray tube support. G. W. Fabel. 2,545,348, Mar. 13.
Cathode-ray tube sweep circuit. C. W. Sherwin. 2,563,967, Aug. 14.
Cathode-ray tube time base. F. E. J. Girling. 2,546,065, Mar. 20.
Cathode-ray tube time-base circuit. G. L. Hinckley and J. H. W. Simmons. 2,573,970, Nov. 6.
Cathode-ray type of electron discharge device. H. M. Smith. 2,580,250, Dec. 25.
Cathode structure for magnetrons. R. L. Jepsen. 2,552,045, May 8.
Cathodic protection and underground metallic structure embodying the same. R. H. Brown. 2,565,544, Aug. 28.
Cathodic protection device. E. L. James, A. R. Duim, and J. Wallace. 2,556,089, June 5.
Cathodic protection for water softeners and filters. G. H. Klumb. 2,560,960, July 17.
Cation-active polychloride containing an esterified polyaminoether, and making same. M. De Groote and B. Keiser. 2,565,549–50, Aug. 28.
Cation-active polychloride containing an imidazoline ring and making same. M. de Groote and B. Keiser. 2,574,537, Nov. 13.
Cation-exchange phenolic resin compositions and producing them. R. B. Bailey and C. C. Watkins. 2,541,909, Feb. 13.
Cation-exchange product and making same. F. A. Hessel and W. B. Canfield. 2,549,745, Apr. 17.
Cationic surface active agents and preparation. J. T. Thurston and W. N. Oldham. 2,574,510, Nov. 13.
Cationic urea-formaldehyde resins and products obtained thereby, Producing. T. Suen and J. H. Daniel, Jr. 2,554,475, May 22.
Cattle chute gate. J. C. Rolfe and W. S. White. 2,571,487, Oct. 16.
Cattle guard. E. S. McPherson. 2,576,188, Nov. 27.

Cattle guard. J. K. Warner. 2,539,214, Jan. 23.
Cattle horn trainer. R. F. Ellis. 2,541,226, Feb. 13.
Cattle restraining apparatus. A. E. Thorson. 2,576,654, Nov. 27.
Cattle spray chute. A. S. Knapp. 2,542,280, Feb. 20.
Cattle stock. A. E. Simon. 2,557,477, June 19.
Caulking gun. W. Wallace. 2,578,765, Dec. 18.
Caustic alkali composition of matter and its use as a polyvalent metal precipitation inhibitor. F. C. Bersworth. 2,544,649, Mar. 13.
Caustic soda process, Anhydrous. F. M. Joscelyne. 2,556,185, June 12.
Causticizing, Two-stage. C. H. Knight. 2,552,183, May 8.
Cavity resonator. A. E. Kerwien. 2,560,353, July 10.
Cavity resonator apparatus for generating high electric potentials. W. Dällenbach. 2,563,585, Aug. 7
Cavity resonator arrangement. L. S. Nergaard. 2,563,412, Aug. 7.
Cavity resonator device for production of high-speed electrons. D. L. Webster. 2,543,082, Feb. 27.
Cavity resonator electron discharge apparatus. W. W. Hansen and R. H. Varian. 2,578,699, Dec. 18.
Cavity resonator electron discharge device. W. C. Brown. 2,542,899, Feb. 20.
Cavity resonator electron-discharge device. W. C. Brown. 2,557,780, June 19.
Cavity resonator, Tunable. E. D. McArthur. 2,549,499, Apr. 17.
Ceiling duct system. G. R. D. Pettingell. 2,563,268, Aug. 7
Ceiling fixture support and plaster frame, Recessed electric lighting. B. A. Kaeppel. 2,554,673, May 29.
Cell door construction. J. E. Creech. 2,539,345, Jan. 23.
Cell, Electrolytic water treating. R. E. Briggs. 2,546,254, Mar. 27.
Cell for the electrolytic production of aluminum. L. Ferrand. 2,564,837, Aug. 21.
Cell structure, High-voltage. J. D. Wood and G. W. Spicer. 2,563,441, Aug. 7.
Cell testing apparatus. A. M. Wengel and L. S. Sadler. 2,540,225, Feb. 6.
Cell with mercury cathode, Electrolytic. R. M. R. Örnhjelm. 2,545,376, Mar. 13.
Cell, Rechargeable. S. Ruben. 2,554,504, May 29.
Cells for the electrolysis of alkali salt solutions. C. De Prez and A. Basilewsky. 2,550,231, Apr. 24.
Cellular container. W. B. Crane. 2,578,174, Dec. 11.
Cellular glass, Preparation of. W. D. Ford. 2,544,954, Mar. 13.
Cellular glass slabs, Preparing. J. T. Littleton. 2,536,192, Jan. 2.
Cellular material, Making. L. E. Daly and R. W. Pooley. 2,570,182, Oct. 9.
Cellular partition for containers, Collapsible. W. C. George. 2,549,799, Apr. 24.
Cellular plastic material. E. Simon and F. W. Thomas. 2,577,280, Dec. 4.
Cellular plastic wad. J. T. Brown and B. K. Daubenspeck. 2,559,275, July 3.
Cellular printing plate and manufacture thereof. A. Murray. 2,543,046, Feb. 27.
Cellular printing plate and printing. A. Murray. 2,543,045, Feb. 27.
Cellular products comprising acrylonitrile polymers. R. H. Helle. 2,572,931, Oct. 30.
Cellular radiator core, Pressure resistant. S. Przyborowski. 2,539,701, Jan. 30.
Cellular thermoplastic products, Method and composition for production of. C. E. De Long. 2,577,743, Dec. 11.
Cellulose derivative composition of improved solubility. G. O. Funderburk. 2,579,381, Dec. 18.
Cellulose derivative plastic composition. W. E. Gloor. 2,558,047, June 26.
Cellulose derivative, Preparation of. V. R. Grassie. 2,539,417, Jan. 30.
Cellulose derivatives. G. W. Seymour, B. B. White, and H. R. Kirshen. 2,579,873, Dec. 25.
Cellulose derivatives, Preparing. L. N. Rogers, W. A. Mueller, and E. E. Hembree. 2,553,725, May 22.
Cellulose ester plasticized with a 1-4 butandiol diester. G. J. Shugar and W. D. Paist. 2,576,268, Nov. 27.
Cellulose ester textile materials, Production of. P. F. C. Sowter and F. B. Hill. 2,552,598, May 15.
Cellulose ester yarns suitable for conversion into staple fiber, Production of. P. F. C. Sowter and F. B. Hill. 2,553,483, May 15.
Cellulose esters. G. W. Seymour, B. B. White, L. J. Rosen, and L. Kruth. 2,552,820, May 15.
Cellulose esters and ethers, Colored. H. C. Olpin, K. R. House and J. Wright. 2,559,787, July 10.
Cellulose esters, Preparation of. M. E. Martin, T. M. Andrews, and A. R. Franck. 2,539,586, Jan. 30.
Cellulose ether composition. G. H. Pyle and D. R. Wiggam. 2,564,581, Aug. 14.
Cellulose ether solutions and spinning the same. N. L. Cox. 2,545,070, Mar. 13.
Cellulose ethers, Manufacture of. E. D. Klug and H. G. Tennent. 2,572,039, Oct. 23.
Cellulose ethers, Manufacture of. M. H. Wilcox, J. Downing, and J. G. N. Drewitt. 2,553,695, May 22.
Cellulose ethers, Stabilized. W. B. Horback. 2,541,252, Feb. 13.
Cellulose, Manufacture of. H. Dreyfus. 2,560,638, July 17.
Cellulose organic acid ester plastics containing parameth-oxyphenyl para-anisate. L. W. A. Meyer and W. M. Gearhart. 2,544,891, Mar. 13.
Cellulose pellets, Producing. J. J. O'Neill, Jr. and E. P. Reichardt. 2,543,928, Mar. 6.
Cellulose products. R. L. Mitchell. 2,542,285, Feb. 20.
Cellulose products of improved wet strength, Manufacture of. C. S. Maxwell and C. G. Landes. 2,559,220, July 3.
Cellulose sulfamylethyl ether. V. R. Grassie. 2,580,351, Dec. 25.
Cellulose sulfuric acid esters, Production of. G. Frank. 2,559,914, July 10.
Cellulose suture, Oxidized. J. J. Eberl. 2,537,978, Jan. 16.
Cellulose suture, Oxidized. J. J. Eberl. 2,537,979, Jan. 16.
Cellulose xanthate, Production of. J. A. Calhoun, Jr. 2,558,038, June 26.
Cellulosic esters, Preparation of. J. Fraizy and L. Rony. 2,536,634, Jan. 2.
Cellulosic textile shrinkage control and crease resistance with inhibited tenderizing action. L. Beer. 2,541,457, Feb. 13.
Cement article, Method and apparatus for production of fibrous. A. Magnani. 2,538,972, Jan. 23.
Cement bound aggregate masses. C. D. Willson. 2,553,-618, May 22.
Cement composition and making. A. C. Byrns. 2,546,971, Apr. 3.
Cement finishing float blade. W. J. Root. 2,556,983, June 12.
Cement for laminating sheets of paper or like materials. P. S. Barnhart and J. C. Miller. 2,560,916, July 17.
Cement for vacuum seals, Sealing. E. J. Ambrose and E. F. G. McGill. 2,573,380, Oct. 30.
Cement, Hydrated lime-fly ash-fine aggregate. J. E. Havelin and F. Kahn. 2,564,690, Aug. 21.
Cement, Partially cured rubberlike. F. P. Baldwin. 2,547,733, Apr. 3.
Cement plant and operation. J. E. Kennedy. 2,563,471, Aug. 7.
Cement retainer and bridging plug for a well wall and a setting tool therefor. J. W. Bonner. 2,551,240, May 1.
Cement, Vinyl plastic sealing. J. R. Williams and J. F. Forte. 2,553,124, May 15.
Cementing apparatus, Well. L. H. Hayward. 2,549,198, Apr. 17.
Cementing device for tape. H. J. Vachon. 2,574,942, Nov. 13.
Cementing machine, Open-end. T. H. Sullivan. 2,536,408, Jan. 2.
Cementing method, Brake shoe. H. W. Schultz. 2,556,709, June 12.
Cementing packer assembly. C. Ware. 2,564,240, Aug. 14.
Cementing plastically deformable bodies and products thereof. M. J. Buerger and E. Washken. 2,548,344, Apr. 10.
Cementing plug. C. C. Brown. 2,572,309, Oct. 23.
Cementing plug. F. D. Smith. 2,560,901, July 17.
Cementing tool. C. C. Taylor and E. W. McGaffey. 2,575,603, Nov. 20.
Cementitious material and making. S. B. Avery. 2,556,156, June 12.
Center. H. K. Dearborn. 2,547,858, Apr. 3.
Center and eccentric point marker. H. C. Cochran. 2,559,280, July 3.
Center extension table. A. Hutcherson. 2,566,800, Sept. 4.
Center filler and draft gear stop. T. A. Collison. 2,569,372, Sept. 25.
Center of gravity indicator. T. M. Berry. 2,540,807, Feb. 6.
Center punch. C. A. Parks. 2,565,262, Aug. 21.
Center punch gauge. V. W. Jennings. 2,543,026, Feb. 27.
Center sill filler assembly. C. Hankins and O. Ingram. 2,569,606, Oct. 2.
Centered rotation-symmetrical Schmidt type optical system. H. Rinia. 2,551,852, May 8.
Centering device. T. O. Strauss. 2,567,498, Sept. 11.
Centering device for beams of cathode-ray tubes. T. Obszarny and J. Schmidt. 2,544,898, Mar. 13.
Centering device for plastic funnels. W. L. Webb. 2,577,866, Dec. 11.
Centering, focusing, and deflecting device for beam of cathode-ray tubes, Combination. A. J. Bennett. 2,544,875, Mar. 13.
Centering means for restraining devices. E. W. Graham. 2,553,248, May 15.
Centering point for lathes, grinding machines and the like. A. M. Henderhan. 2,564,256, Aug. 14.
Centering tool. W. S. Jock. 2,567,338, Sept. 11.
Centerless grinding without propping of work by abrading surface. W. Horberg. 2,544,318, Mar. 6.
Centralized traffic controlling system. F. X. Rees. 2,576,479, Nov. 27.
Centralizing drill. L. E. Gray and C. H. Viebrock. 2,576,786, Nov. 27.
Centric bite relator. H. Wilkinson. 2,552,829, May 15.
Centric indicator. D. C. Shapiro. 2,543,512, Feb. 27.
Centrifugal actuator. H. Lange. 2,579,266, Dec. 18.
Centrifugal air cleaner. F. Kelso. 2,560,874, July 17.

Centrifugal air cleaner. C. C. Whittaker. 2,562,007, July 24.
Centrifugal casting. H. M. Jacklin, Jr. 2,557,971, June 26.
Centrifugal clutch. A. D. Pentz. 2,560,515, July 10.
Centrifugal clutch. J. E. Scruby. 2,543,873, Mar. 6.
Centrifugal coil clutch. J. E. Selander. 2,572,528, Oct. 23.
Centrifugal device, Fixed. W. J. Bloomer. 2,560,071, July 10.
Centrifugal device, Fixed. W. J. Bloomer. 2,560,073, July 10.
Centrifugal dust separator. A. H. Davis and C. N. Hay. 2,542,635, Feb. 20.
Centrifugal egg separator. W. J. Patterson. 2,548,812, Apr. 10.
Centrifugal fluid pressure operated clutch. A. M. Wickwire and H. J. Zimmermann. 2,551,918, May 8.
Centrifugal fuel feeding system for annular combustion chambers. E. F. Miller. 2,547,959, Apr. 10.
Centrifugal gas-liquid separator. E. Topanelian, Jr. 2,575,568, Nov. 20.
Centrifugal governor or other mechanism requiring sensitive motion transmission. D. N. Walker. 2,577,052, Dec. 4.
Centrifugal guided speed responsive device. S. S. Brown. 2,561,560, July 24.
Centrifugal juice extractor. C. Kappes. 2,569,813, Oct. 2.
Centrifugal machine. K. Clark. 2,577,647, Dec. 4.
Centrifugal machine. K. Clark, J. W. Dietz, and H. B. Wallis. 2,539,530, Jan. 30.
Centrifugal mill. J. Klagsbrunn. 2,546,860, Mar. 27.
Centrifugal mill hammer with renewable wearing tip. F. J. Loufek. 2,568,077, Sept. 18.
Centrifugal operating device. C. H. Dederick. 2,563,925, Aug. 14.
Centrifugal power transmission. A. Casagrande. 2,550,971, May 1.
Centrifugal pump. C. M. Bolster. 2,536,026, Jan. 2.
Centrifugal pump. G. K. Eggleston. 2,580,347, Dec. 25.
Centrifugal pump. L. B. Grantham. 2,569,563, Oct. 2.
Centrifugal pump. J. Huber. 2,554,191, May 22.
Centrifugal pump. C. C. S. Le Clair. 2,540,269, Feb. 6.
Centrifugal pump. E. R. Wilfley and J. L. Aldred, Jr. 2,571,802, Oct. 16.
Centrifugal pump and turbine reversible fluid transmission. D. B. Alexander. 2,571,179, Oct. 16.
Centrifugal self-energizing clutch. J. A. Strimple and L. M. Johnson. 2,552,747, May 15.
Centrifugal separation. A. Nyrop. 2,578,485, Dec. 11.
Centrifugal separation, Method and apparatus for continuous. J. H. Boivinet. 2,557,629, June 19.
Centrifugal separation of heavy boiler oil. G. H. Andersson. 2,572,425, Oct. 23.
Centrifugal separation of kettle soap. J. W. Bodman, F. J. Squire, and G. W. Busby, Jr. 2,572,102, Oct. 23.
Centrifugal separation of starch. C. G. Eckers. 2,536,430, Jan. 2.
Centrifugal separator. E. Denman. 2,555,323, June 5.
Centrifugal separator. J. D. L. Smith. 2,578,456, Dec. 11.
Centrifugal separator. J. E. Tholl. 2,544,367, Mar. 6.
Centrifugal switch. K. M. Hammell and R. P. O'Malley. 2,573,968, Nov. 6.
Centrifugal switch. J. D. Russell and J. W. Woolf. 2,550,868, May 1.
Centrifugal tuyère. B. R. Wright and F. F. Hillix. 2,565,902, Aug. 28.
Centrifugal variety apparatus for mixing and reacting liquid materials. F. Pernthaler. 2,555,899, June 5.
Centrifugally controlled device. C. H. Miner. 2,553,505, May 15.
Centrifugally engaged fluid clutch. E. E. Wemp. 2,562,515, July 31.
Centrifugally expansible valve ring. O. E. Hintz, Jr. 2,555,542, June 5.
Centrifuge. T. R. Komline. 2,538,529, Jan. 16.
Centrifuge bowl with reciprocating valve for discharging solids from the bowl. P. J. Gresham. 2,559,917, July 10.
Centrifuge, Convection-compensating. C. F. Hall. 2,546,186, Mar. 27.
Centrifuge construction. J. L. Merrill and W. A. Botke. 2,559,453, July 3.
Centrifuge for separating gas mixtures. K. Cohen and H. C. Urey. 2,536,423, Jan. 2.
Centrifuge recovery method. J. C. Weaver, Jr. and M. D. Farkas. 2,555,866, June 5.
Ceramic and making same. E. J. Rogers. 2,564,859, Aug. 21.
Ceramic body, Making a. C. K. Gravley. 2,569,163, Sept. 25.
Ceramic coating composition, coated article, and making same. C. R. Austin and A. G. Allison. 2,558,411, June 26.
Ceramic coatings and applying. C. R. Amberg and S. F. Walton. 2,544,060, Mar. 6.
Ceramic composition. L. Bonnet. 2,571,526, Oct. 16.
Ceramic composition. A. Danzin and J. Calis. 2,571,844, Oct. 16.
Ceramic compositions. D. Rosenthal. 2,560,188, July 10.
Ceramic dielectrics and making. S. Roberts. 2,541,835, Feb. 13.
Ceramic dielectrics comprising essentially titania. J. Woodcock and J. K. Paridge. 2,576,378–9, Nov. 27.
Ceramic dielectrics comprising essentially titania. J. Woodcock and J. K. Paridge. 2,576,380, Nov. 27.
Ceramic dryer. W. A. Clements. 2,558,338, June 26.
Ceramic insulating bodies and making. J. Woodcock and J. K. Paridge. 2,541,140, Feb. 13.
Ceramic magnetic material with a small temperature coefficient. E. Albers-Schoenberg. 2,565,111, Aug. 21.
Ceramic magnetic materials with high saturation-flux density. E. Albers-Schoenberg. 2,565,058, Aug. 21.
Ceramic material and making, High dielectric. J Burnham, A. J. Dippold, and P. Robinson. 2,563,307, Aug. 7.
Ceramic parts for electrical devices having magnetic properties and making. E. Albers-Schoenberg. 2,568,881, Sept. 25.
Ceramic pigments. B. W. King, Jr. and A. O. Tesar. 2,552,795, May 15.
Ceramic picture holder. E. E. Kellems. 2,540,951, Feb. 6.
Ceramic product and making the same. C. R. Brown. 2,576,565. Nov. 27.
Cerium activated calcium-magnesium silicates. A. L. J. Smith. 2,577,161, Dec. 4.
Certain oxyalkylated derivatives of difunctional bis-phenol aldehyde resins. M. De Groote and B. Keiser. 2,564,191, Aug. 14.
Certain para-cyclohexylcyclohexanol ethers of certain glycols. M. de Groote, A. F. Wirtel, and O. H. Pettingill. 2,574,541–2, Nov. 13.
Certain para-menthylcyclohexanol ethers of certain glycols. M. de Groote, A. F. Wirtel, and O. H. Pettingill. 2,574,539–40, Nov. 13.
Certain polyol ethers. M. De Groote and B. Keiser. 2,573,893, Nov. 6.
Certain polyol ethers. M. De Groote, A. F. Wirtel, and O. H. Pettingill. 2,572,885–6, Oct. 30.
Certain resins and oxyalkylated derivatives thereof. M. De Groote and B. Keiser. 2,571,117, Oct. 16.
Certain resins containing both hydroxyl and allyl radicals, and making same. M. de Groote. 2,574,817, Nov. 13.
Cetyldimethylbenzyl ammonium 2-(5-chlorobenzothiazyl)-sulfide. L. A. Brooks. 2,557,172, June 19.
Chaff screen. M. L. Blair and A. J. McAllister. 2,574,011, Nov. 6.
Chain: *See*—

Antiskid tire chain.	Marine propulsion chain.
Balance chain.	Ornamental chain.
Basket weave bracelet chain.	Saw chain.
	Sprocket chain.
Coal cutter chain.	Tire chain.
Conveyer chain.	Toy chain.
Cutter chain.	Tractor chain.
Endless tool carrier chain.	Variable-speed transmission chain.
Flexible link chain.	
Industrial chain.	

Chain and attaching means, Antiskid cross. B. H. Locke. 2,539,517, Jan. 30.
Chain applier and remover, Skid. J. D. Andrews. 2,566,396, Sept. 4.
Chain applying device, Tire. A. C. Balson. 2,545,722, Mar. 20.
Chain carriage sheet feed rotary printing press. E. G. Simmons. 2,551,060, May 1.
Chain construction, Flexible. W. F. Hess. 2,572,620, Oct. 23.
Chain-driven wrench. E. T. Able and W. Krieger. 2,572,297, Oct. 23.
Chain for bracelets or necklaces, Ornamental. H. Weinacker and F. A. Dieterich. 2,549,650, Apr. 17.
Chain for conveying tubes and other parts, Endless. J. Boucher. 2,554,935, May 29.
Chain for wristbands, Expanding. R. Jaccarino and A. Pinson. 2,574,567, Nov. 13.
Chain having rollers forming its conveying surface. A. W. Lemmon. 2,554,038, May 22.
Chain hoist. E. E. Robins and H. F. Parker. 2,548,846, Apr. 10.
Chain hoist, Electric. I. R. Metcalf and G. E. Bock. 2,570,833, Oct. 9.
Chain joint. F. L. Fulke. 2,541,157, Feb. 13.
Chain link. H. W. Gilbert. 2,537,405, Jan. 9.
Chain link. N. J. Gran. 2,550,995, May 1.
Chain link. P. Patz and E. A. Graetz. 2,554,589 May 29.
Chain link interspersing machine. C. E. Vandenberg. 2,544,942, Mar. 13.
Chain mulcher, Endless. R. M. Pettitt. 2,554,719, May 29.
Chain pipe cover. E. L. Krogstad and G. B. Lockwood. 2,555,696, June 5.
Chain saw link. C. L. Ohman. 2,564,989, Aug. 21.
Chain stanchion, Interlocking. Y. Hayakawa. 2,554,300, May 22.
Chain structure. L. A. Blackburn. 2,544,485, Mar. 6.
Chain structure. D. J. McIntosh and M. Smith. 2,546,368, Mar. 27.
Chain structure. D. J. McIntosh, and M. Smith. 2,568,649 51, Sept. 18.
Chain tension adjusting device. F. B. Engel. 2,538,675, Jan. 16.
Chain tightener. W. V. Covert and G. G. Mize. 2,575,313, Nov. 13.

Chain washing device. F. B. McKneely. 2,545,890, Mar. 20.
Chain welding machine. P. Esser and P. Wilz. 2,571,553, Oct. 16.
Chain wrench. J. C. Anderson. 2,566,108, Aug. 28.
Chains for pneumatic tires, Antiskid. J. E. Schneider. 2,569,077, Sept. 25.
Chair: *See*—
Adjustable back rest folding chair.
Adjustable chair.
Ambulatory invalid chair.
Bath chair.
Beach or like rocking chair.
Bracket supported folding chair.
Child's collapsible chair.
Child's training chair.
Coin-controlled time controlled chair.
Collapsible beach rocking chair.
Collapsible high chair.
Convertible high chair.
Convertible wheel chair.
Demountable lawn chair.
Dentist's chair.
Electrically propelled wheel chair.
Exercising chair.
Filing chair.
Folding adjustable beach chair.
Folding chair.
Folding deck chair.
Folding high chair.
Folding rocking chair.
High chair.
Hospital bed patient bathtub chair.
Infant's chair.
Invalid chair.
Invalid's chair.
Knockdown chair.
Lounge chair.
Massage chair.
Medical practice chair.
Metal chair.
Multiple purpose chair.
Portable nursery chair.
Push back chair.
Rail chair.
Reclining chair.
Reclining lounge chair.
Riser type stadium chair.
Rolling rocking chair.
Self-adjusting chair.
Shaped chair.
Spring chair.
Suspensible child's chair.
Theater chair.
Tilting back chair.
Vehicle chair.
Wheel chair.
Window chair.
Chair. A. C. Hoven and B. J. Oom. 2,553,042, May 15.
Chair. L. B. Laplace. 2,539,023, Jan. 23.
Chair. M. Levitin. 2,540,206. Feb. 6.
Chair. K. M. Lightfoot. 2,542,931, Feb. 20.
Chair. K. Michaelis. 2,544,800, Mar. 13.
Chair and book rack, Convertible baby. E. M. Borthwick. 2,554,851, May 29.
Chair and cabinet, Combined. G. Tatar. 2,547,547, Apr. 3.
Chair and ladder, Combination. H. A. and M. Gelman. 2,547,699, Apr. 3.
Chair and support for sousaphones, Combination. H. J. Wenger. 2,575,540, Nov. 20.
Chair and table, Combination. L. Dion. 2,554,617, May 29.
Chair and table, Combined. B. L. De Korne. 2,566,081, Aug. 28.
Chair and table, Combined. F. W. Luckman. 2,554,914, May 29.
Chair and table, Combined. N. Reingold. 2,540,291, Feb. 6.
Chair and table set, Folding. H. H. Wohlk. 2,539,603, Jan. 30.
Chair arm. J. Bayless. 2,566,113, Aug. 28.
Chair back construction. A. C. Hoven. 2,550,479, Apr. 24.
Chair back construction. E. B. Morgan and R. M. Clay. 2,538,733, Jan. 16.
Chair back handgrip. J. W. Patton. 2,564,924, Aug. 21.
Chair back supported folding ironing board. G. F. St. Peter. 2,568,686, Sept. 18.
Chair, bed, and hammock, Combination folding. J. Ochoa. 2,541,539, Feb. 13.
Chair bottom, Detachable. I. Satterfield. 2,570,725, Oct. 9.
Chair bumper. W. E. Vogelsang. 2,538,634, Jan. 16.
Chair comprised of resilient side frame members. D. McDonald. 2,557,671, June 19.
Chair construction. H. H. Cadman and J. J. Ducey. 2,579,361, Dec. 18.
Chair construction. C. E. Meek, Jr. and W. N. Brown, Jr. 2,539,919, Jan. 30.
Chair construction comprising a base and a chair frame resiliently suspended therefrom. H. E. Lowry. 2,570,000, Oct. 2.
Chair for children. N. Nidetch and H. Mandel. 2,544,896, Mar. 13.
Chair for invalids or the like. F. R. Ruby. 2,539,034, Jan. 23.
Chair for use of invalids and aged persons. W. Perry. 2,550,593, Apr. 24.
Chair having a metallic frame, Folding. J. L. Cable. 2,552,883, May 15.
Chair having a resilient back rest. G. D. Wood. 2,570,177, Oct. 2.
Chair having a vertically adjustable seat. R. A. Cramer, R. A. Cramer, Jr., and H. W. Cramer. 2,542,480, Feb. 20.
Chair having foldable armrests, Collapsible. R. Newstead. 2,545,968, Mar. 20.
Chair having spring supported seat and back. C. F. Lukins. 2,537,071, Jan. 9.
Chair having vertically adjustable footrest. L. W. Schley. 2,546,871, Mar. 27.
Chair having vertically adjustable seat. J. N. Kahn. 2,570,687, Oct. 9.
Chair iron hub. H. W. Bolens. 2,542,469, Feb. 20.
Chair or stool, Collapsible. M. Raymond. 2,544,615, Mar. 6.
Chair or the like, Automatically adjustable. M. Heller. 2,540,823, Feb. 6.
Chair pedestal adjustment, Posture. M. L. Jones. 2,536,503, Jan. 2.
Chair structure. O. S. Caesar. 2,575,487, Nov. 20.
Chair structure. W. E. Nordmark. 2,549,119, Apr. 17.
Chair structure, Adjustable back rest. A. C. Hoven and W. E. Nordmark. 2,573,845, Nov. 6.
Chalk holder. M. Soifer. 2,555,063, May 29.
Chamber pot for children. E. Miralta-Seix. 2,559,027, July 3.
Chambered soaking pit. H. Schaefer. 2,572,819, Oct. 23.
Chamfer gauge. F. W. Kessler. 2,560,176, July 10.
Chamfering tool. W. W. Vawter. 2,571,395, Oct. 16.
Chamois skin and making the same, Artificial. G. W. Overton and B. E. Spencer. 2,540,906, Feb. 6.
Chance device with spiral carrier and disks. J. D. Kuss. 2,578,560, Dec. 11.
Change maker. C. C. Shaver. 2,578,951, Dec. 18.
Change of designation control for tabulators. W. Wockenfuss. 2,562,252, July 31.
Change-over control. J. T. Gates. 2,542,188, Feb. 20.
Change-speed device. J. Lesueur. 2,560,180, July 10.
Change-speed drive for machine tool spindles. W. W. Potter and A. J. Fuller. 2,561,753, July 24.
Change-speed gear. F. H. Tarlton. 2,543,385, Feb. 27.
Change-speed transmission. R. E. Gill. 2,548,153, Apr. 10.
Change-speed transmission. A. Kegrésse. 2,543,412, Feb. 27.
Change-speed transmission. W. P. Schmitter. 2,579,869, Dec. 25.
Changeable sign. J. Dow. 2,573,318, Oct. 30.
Changing-sign indicator. J. P. Barnes. 2,539,654, Jan. 30.
Channel bracing and intersecting wiring trough system for switchboards. W. L. Smith, Jr. 2,567,740, Sept. 11.
Channel switching in voice current repeater stations. R. H. Herrick, R. R. Fowler, and R. P. Dimmer. 2,552,787, May 15.
Channelizer, Amplitude. E. Cole. 2,541,039, Feb. 13
Channelling appliance for shoe-sewing machines. A. W. Ruskowsky. 2,543,204, Feb. 27.
Character repeating mechanism for typewriters, Automatic. W. S. Gates, Jr. 2,548,717, Apr. 10.
Characteristic accumulator for slide rule cursors. J. J. Smidl. 2,579,019, Dec. 18.
Charge and tax determining equipment for telephone systems. W. W. Carpenter and E. Vroom. 2,572,699, Oct. 23.
Charge forming device. C. H. Jorgensen and F. E. Aseltine. 2,557,111, June 19.
Charge forming device. A. P. Schnaible and F. C. Mock. 2,569,024, Sept. 25.
Charged particle beam forming apparatus. C. C. Wang. 2,564,743, Aug. 21.
Charged-particle energy meter. J. H. Coleman. 2,577,106, Dec. 4.
Charging and discharging means for end-loading transit mixers. W. H. Yantes, C. I. Bohmer, and E. Barker. 2,563,770, Aug. 7.
Charging and discharging mechanism for mixers. L. J. Sarosdy. 2,572,058, Oct. 23.
Charging and exposing electro-photographic plates. C. D. Oughton and W. E. Bixby. 2,543,051, Feb. 27.
Charging melting tanks with glass batch and apparatus therefor. M. M. Cannon, Jr. 2,556,467, June 12.
Charging top for cupola furnaces. J. F. Drake. 2,561,347, July 24.
Chart and holder therefor, Oil testing. T. W. Horn. 2,579,824, Dec. 25.
Chart, Computing travel. U. Torricelli. 2,572,781, Oct. 23.
Chart construction, Cylindrical recording. P. E. Chaney and W. E. Barnes. 2,539,009, Jan. 23.
Chart device and tab holder therefor. A. E. Seep. 2,547,049, Apr. 3.
Chart display cabinet. B. L. Padgett. 2,576,888, Nov. 27.
Chart holder. L. E. Jensen and J. Auer. 2,558,565, June 26.
Chart, Income tax computing. G. E. Shaw. 2,553,338, May 15.
Chart plate for instrument cases. C. Strohm. 2,550,618, Apr. 24.
Chart support. B. Whitehouse. 2,570,619, Oct. 9.
Chart table. E. L. Dodson. 2,536,730, Jan. 2.
Chassis inverting device. L. S. King and J. D. Kaylor. 2,557,228, June 19.
Check and timecard, Combined payroll. L. H. Hutchison. 2,536,371, Jan. 2.
Check arm structure. C. E. Hale. 2,549,194, Apr. 17.
Check ball guide for flush tanks. A. Limongelli. 2,561,877, July 24.
Check controlled time switch. A. R. Del Sol. 2,551,730, May 8.
Check-endorsing machine. D. J. Oldenboom. 2,566,955, Sept. 4.
Check feeding apparatus. M. L. Beyer. 2,572,304, Oct. 23.

Check mechanism for door closers. H. A. Simpson. 2,552,821, May 15.
Check protector. W. C. Renne. 2,556,442, June 12.
Check valve. H. S. Beamesderfer and R. D. Troxel. 2,554,002, May 22.
Check valve. R. E. Conner. 2,575,944, Nov. 20.
Check valve. M. Katcher. 2,569,176, Sept. 25.
Check valve. K. Kirby. 2,578,076, Dec. 11.
Check valve. J. B. Ratelband. 2,576,810, Nov. 27.
Check valve and venting means for hydrants. J. H. Schmid. 2,580,198, Dec. 25.
Checker-brick. H. W. Walters. 2,577,170, Dec. 4.
Checking and grooving machine, Road surface. F. O. Heltzel. 2,543,966, Mar. 6.
Checking device. L. J. Garay V. 2,543,492, Feb. 27.
Checking device, Carriage rebound. F. Becker. 2,558,413, June 26.
Checking device, Internal bore gauge. A. Eisele. 2,558,291, June 26.
Checking the speed of revolving doors. J. T. Unangst. 2,565,581, Aug. 28.
Checkstrap for looms. H. T. Thrower and G. W. Keesee. 2,536,786, Jan. 2.
Cheese and making the same, Processed. C. T. Roland. 2,564,374, Aug. 14.
Cheese-cutting device. H. A. Olander. 2,538,426, Jan. 16.
Cheese handling apparatus. R. Miollis. 2,567,957, Sept. 18.
Cheese manufacture. D. M. Greer and J. L. Zink. 2,544,672, Mar. 13.
Cheese, Preparation of blue-veined. F. E. Nelson and I. I. Peters. 2,560,182, July 10.
Cheese press. N. R. Burrell and G. L. Thompson. 2,553,035, May 15.
Cheese product, Manufacture of a soft. J. A. Killengreen. 2,558,256, June 26.
Cheese production. S. Orla-Jensen. 2,549,331, Apr. 17.
Cheese products and making, Dehydrated. L. Gootgeld. 2,576,597, Nov. 27.
Cheese products and making the same, Roasted. J. J. Ruys. 2,571,765, Oct. 16.
Chemical aftertreatment of high polymers containing cyano groups using ammonia and a hydrosulfide R. L. Brown. 2,563,640, Aug. 7.
Chemical analysis by nuclear inductions. F. Block and W. W. Hansen. 2,561,489, July 24.
Chemical analysis using neutrons. K. C. Crumrine. 2,567,057, Sept. 4.
Chemical compositions and the preparation thereof. W. H. Kirkpatrick. 2,577,198, Dec. 4.
Chemical demulsifying composition and demulsification method. W. H. Kirkpatrick. 2,568,742, Sept. 25.
Chemical deposition of metallic films. L. Pessel. 2,560,979, July 17.
Chemical feeder. G. H. Klumb. 2,573,576, Oct. 30.
Chemical feeder. E. B. White. 2,541,798, Feb. 13.
Chemical furnace and recovery unit. A. L. Hamm. 2,555,337, June 5.
Chemical heating composition. M. G. de Navarre and W. C. Griffin. 2,541,345, Feb. 13.
Chemical heating device. S. A. Alexander. 2,541,736, Feb. 13.
Chemical modification of proteins. J. R. Coffman. 2,562,534, July 31.
Chemical phosphate and chemical fertilizer sower. W. H. Givenrod. 2,541,867, Feb. 13.
Chemical process for removal of organic peroxides. C. A. Cohen. 2,565,354, Aug. 21.
Chemical processes and composition. M. F. Bechtold and O. E. Snyder. 2,574,902, Nov. 13.
Chemical reactor and recovery unit. A. D. Green. 2,557,910, June 19.
Chemical recovery and control in the kraft pulp process. W. L. Savell. 2,574,193, Nov. 6.
Chemical testing apparatus, Automatic. T. A. Hewson. 2,560,107, July 10.
Chemically treated laundry bag. W. Whitehead. 2,555,561, June 5.
Chemicals and fungicides. N. K. Sundholm. 2,547,723, Apr. 3.
Chenille-like yarn, Producing. B. H. Foster. 2,575,753, Nov. 20.
Chenille making machine. C. B. Weller. 2,576,430, Nov. 27.
Chessboard, Recording. J. K. and J. J. Šimůnek. 2,543,339, Feb. 27.
Chess instruction apparatus. M. J. Drew. 2,551,318, May 1.
Chest, Knockdown. H. Derman. 2,539,658, Jan. 30.
Chest or the like. S. E. Mautner. 2,578,644, Dec. 11.
Chewing gum, Amphetamine. T. C. Goggin. 2,536,168, Jan. 2.
Chewing gum and making same, Coated candy. E. G. Lindhe. 2,559,648, July 10.
Chicken feeder. R. A. Grindstaff. 2,541,241, Feb. 13.
Chicken picking finger. S. S. Barker. 2,559,001, July 3.
Child restrainer. N. Schoenbrun. 2,568,304, Sept. 18.
Child's adjustable seat. E. L. Nold. 2,569,729, Oct. 2.
Child's building block. W. H. Hoppe. 2,554,704, May 29.
Child's collapsible chair. J. W. Hodgson and G. F. Vigneau. 2,550,352, Apr. 24.

Child's convertible vehicle. B. G. Gellenbeck. 2,577,459, Dec. 4.
Child's drinking tube. A. G. Butsch. 2,557,411, June 19.
Child's sleeping bag. R. A. Peterson. 2,562,061, July 24.
Child's toilet seat. W. J. Dunn and R. R. Richolt. 2,539,660, Jan. 30.
Child's toilet seat. P. E. Jack. 2,544,792, Mar. 13.
Child's training chair. D. H. Owen. 2,547,408, Apr. 3.
Child's vehicle. W. F. O'Halloran. 2,571,750, Oct. 16.
Child's vehicle. T. J. Stout. 2,548,749, Apr. 10.
Chime. L. M. Alexander. 2,559,334, July 3.
Chimes. F. L. Dodd. 2,548,710, Apr. 10.
Chimney pit door. A. P. Robinson. 2,570,714, Oct. 9.
Chimney protecting head structure. A. W. Gray, 2,573,436, Oct. 30.
Chimney top. J. Rhyner. 2,556,944, June 12.
Chimney top, Adjustable. T. R. and J. H. Steelman. 2,536,235, Jan. 2.
Chin and cheek support. F. L. Brown. 2,556,793, June 12.
Chip detector. H. Harrison. 2,556,390, June 12.
Chiropractic adjustment table. T. C. Buckley. 2,571,829, Oct. 16.
Chiropractic demonstrating equipment. V. S. Conschafter. 2,537,573, Jan. 9.
Chisel, Ice. G. A. Taylor. 2,570,732, Oct. 9.
Chisel structure for disintegrating and removing incrustations from interior walls of receptacles, Multiple. C. H. Prescott, Jr. 2,546,700, Mar. 27.
Chloral and chloral hydrate, and their phenyl condensation product, Production of. J. A. Sonia. 2,558,319, June 26.
Chlorin E, Preparation of. M. E. Wall. 2,555,383, June 5.
Chlorinated acetaldehydes and their acetal derivatives, Production of. W. C. B. Smithuysen and C. D. F. Eerbeek. 2,579,021, Dec. 18.
Chlorinated aromatic dielectric with scavenger. E. E. Hardy. 2,566,196, Aug. 28.
Chlorinated bornyl chloride insecticidal composition. G. A. Buntin. 2,579,298, Dec. 18.
Chlorinated camphane insecticidal composition. G. A. Buntin. 2,579,297, Dec. 18.
Chlorinated derivatives of alpha-chloroethylbenzene, Manufacture of. E. G. Galitzenstein and C. Woolf. 2,573,394, Oct. 30.
Chlorinated derivatives of 1-pyridindene and their preparation. J. T. Plati and W. Wenner. 2,546,653, Mar. 27.
Chlorinated derivatives of resols, Manufacturing. M. Landa. 2,558,688, June 26.
Chlorinated ethylene polymer coating compositions. H. J. Haon. 2,562,119, July 24.
Chlorinated ethylene polymer stabilized with glycidyl esters of fatty acids and methyl glucamine. A. W. Anderson and S. C. Overbaugh. 2,541,492, Feb. 13.
Chlorinated fenchene insecticidal composition. G. A. Buntin. 2,579,301, Dec. 18.
Chlorinated isobornyl chloride insecticidal composition. G. A. Buntin. 2,579,299, Dec. 18.
Chlorinated paraffin zinc-containing flux. L. V. Feldman. 2,564,199, Aug. 14.
Chlorinated pinene insecticidal composition. G. A. Buntin. 2,579,296, Dec. 18.
Chlorinated pinene insecticidal composition. G. A. Buntin. 2,579,300, Dec. 18.
Chlorinated polyisoprene. J. D. D'Ianni. 2,571,346, Oct. 16.
Chlorinated rubber and epoxidized oils. W. D. Niederhauser. 2,556,145, June 5.
Chlorinated rubber hydrochloride, Preparing. G. J. van Amerongen. 2,536,789, Jan. 2.
Chlorinating acetaldehyde. W. T. Cave and G. E. Haddeland. 2,552,934, May 15.
Chlorinating hydrocarbons. G. W. Ayers and E. E. Harton, Jr. 2,542,107, Feb. 20.
Chlorinating process. F. E. Lawlor. 2,571,901, Oct. 16.
Chlorinating titanium oxide material. L. W. Rowe and S. S. Cole. 2,555,374, June 5.
Chlorination of acetic acid. P. L. Stedehouder. 2,563,797, Aug. 7.
Chlorination of aqueous liquid in a recirculation system. H. C. Marks and B. J. Ludwig. 2,552,491, May 8.
Chlorination of carbohydrate esters. H. N. Barham. 2,562,883, Aug. 7.
Chlorination of carbohydrate ethers. H N. Barham. 2,562,884, Aug. 7.
Chlorination of cellulose. H. N. Barham. 2,562,882, Aug. 7.
Chlorination of hydrocarbons. G. W. Ayers and E. E. Harton, Jr. 2,548,764, Apr. 10.
Chlorination of hydrocarbons. M. Randall. 2,547,139, Apr. 3.
Chlorination of rubber-fatty acid mixtures. C. H. Sommer. 2,536,579, Jan. 2.
Chlorination of synthetic polymers. A. Bartovics. 2,537,641, Jan. 9.
Chlorination of synthetic rubber. J. G. Lichty. 2,560,869, July 17.
Chlorine by oxidation of hydrogen chloride, Manufacture of. C. W. Davis, F. A. Ehlers, and R. G. Ellis. 2,547,928, Apr. 10.
Chlorine-containing composition, Active. H. C. Marks and F. B. Strandskov. 2,552,490, May 8.

Chlorine-containing polymer plasticized with greaselike olefin-carbon monoxide polymer. R. D. Cramer. 2,541,987, Feb. 20.
Chlorine oxidation of bile acids. R. J. Servis, R. H. Carroll, and B. F. Tullar. 2,576,728, Nov. 27.
Chlorine production. A. J. Johnson and A. J. Cherniavsky. 2,542,961, Feb. 20.
Chlorine, Production of. D. J. Pye and W. J. Joseph. 2,577,808, Dec. 11.
Chloro-anacardic polymers and making the same. E. E. Novotny and G. K. Vogelsang. 2,576,722, Nov. 27.
Chlorobutadiene polymers having improved resistance to the deteriorating effects of heat and light. P. A. Sanders and J. R. Vincent. 2,538,047, Jan. 16.
Chlorofluoroheptanes. E. T. McBee. 2,537,777, Jan. 9.
Chloro-olefins, Manufacture of. C. J. Strosacker and F. C. Amstutz. 2,543,648, Feb. 27.
Chlorophenoxyacetaldehyde diethyl acetals. L. R. Drake. 2,553,555, May 22.
Chloroprene polymer vulcanizates and preparing same. J. Rehner, Jr., and P. J. Flory. 2,540,596, Feb. 6.
Chloro pteridine and preparing the same. J. H. Boothe. 2,547,520, Apr. 3.
Chlorosiloxanes, Preparing. J. F. Hyde. 2,571,884, Oct. 16.
Chlorosilphenanes and products, Making. H. A. Clark. 2,557,782, June 19.
Chlorosilyl benzenes. L. de Pree, A. J. Barry, and D. E. Hook. 2,580,159, Dec. 25.
Chlorotriazine resins and making the same. J. C. Bacon and W. F. Hart. 2,565,194, Aug. 21.
Chloro-2-methylbenzofurans. G. H. Coleman and R. H. Rigterink. 2,559,532, July 3.
Chock, Bomb. C. E. O'Mara and W. L. Jotter. 2,552,578, May 15.
Chock mechanism for vehicle lifts. G. A. Estel, Jr. 2,569,982, Oct. 2.
Chocolate, Manufacture of. G. W. Edwards. 2,558,128, June 26.
Chocolate, Manufacture of. A. L. Verdier. 2,543,209, Feb. 27.
Chocolate material and making the same, Stabilized. M. G. Mayberry. 2,539,518, Jan. 30.
Choke and nozzle, Combined carburetor. M. J. Kittler. 2,547,873, Apr. 3.
Choke, Automatic. M. J. Kittler. 2,538,570, Jan. 16.
Choke control for internal-combustion engines, Automatic. W. E. Armstrong. 2,548,334, Apr. 10.
Choke for abrasive fluids. F. E. England. 2,559,069, July 3.
Choke, Shotgun. W. F. Schmeling. 2,558,200, June 26.
Cholesteryl amines and preparing the same. S. Bernstein and K. J. Sax. 2,577,226, Dec. 4.
Choline chloride composition, Non-corrosive. F. W. Schmitz. 2,576,644, Nov. 27.
Cholodienes. A. Wettstein and C. Meystre. 2,563,697, Aug. 7.
Chopper and cultivator, Rotary plant. J. C. Forney. 2,546,260, Mar. 27.
Chopper, Cotton. W. H. and C. R. Mayberry. 2,578,365, Dec. 11.
Chopper, Cotton. E. M. McCann. 2,544,036, Mar. 6.
Chopper, Feed. B. F. Freeman. 2,548,664, Apr. 10.
Chopper, Food. R. H. and W. F. Fried, and A. Mosso. 2,561,920, July 24.
Chopper for row crops, Flame. P. C. McLemore and V. Knudsen. 2,557,303, June 19.
Chopper, Horizontally revolving stalk. E. B. Reeves. 2,550,085, Apr. 24.
Chopper, Stubble. C. S. Cady. 2,553,356, May 15.
Chopper, Weed. M. Eller. 2,558,241, June 26.
Christmas stocking hanger. F. U. Wolfe. 2,536,407, Jan. 2.
Christmas tree branch holder. W. P. Reilly. 2,550,023, Apr. 24.
Christmas tree illumination system. J. R. Wood. 2,558,029, June 26.
Christmas tree kit. L. C. Clemons. 2,556,360, June 12.
Christmas tree lighting bulb socket support. H. B. Peterson. 2,572,382, Oct. 23.
Christmas tree stand. D. L. Daily. 2,543,896, Mar. 6.
Chromatographic process and apparatus. G. Haugaard and T. D. Kroner. 2,555,487, June 5.
Chromatographic purification of streptomycin and streptothricin hydrochloride. R. L. Peck. 2,540,284, Feb. 6.
Chrome monoazo dyestuffs. G. Schetty. 2,551,056, May 1.
Chromic oxide, Production of. J. Schulein. 2,574,065, Nov. 6.
Chromic oxide production particularly for pigment purposes. C. G. Frayne. 2,560,338, July 10.
Chromium compounds as laminating and coating compositions, Werner-type. M. T. Goebel and R. K. Iler. 2,544,666–7, Mar. 13.
Chromium compounds, Werner-type. M. T. Goebel and R. K. Iler. 2,544,668, Mar. 13.
Chromium oxide, Production of. J. C. Kalbach. 2,544,687, Mar. 13.
Chromium steel, Manufacture of. R. M. Briney. 2,542,177, Feb. 20.
Chromium steels, Producing low-carbon. D. C. Hilty. 2,546,340, Mar. 27.
Chromium sulfate coated electrode. E. K. Smith. 2,538,054, Jan. 16.
Chronograph, Split seconds flyback. G. Dubey and R. Schaldenbrand. 2,548,101, Apr. 10.
Chronometer, Calendar. L. Frank. 2,537,886, Jan. 9.
Chronometric display and control device. R. D. Schnee. 2,551,707, May 8.
Chronoscope. W. W. Cushman. 2,574,467, Nov. 13.
Chuck. F. O. Albertson and J. A. W. Madsen. 2,537,179, Jan. 9.
Chuck. G. A. Highberg. 2,569,056, Sept. 25.
Chuck. O. M. Jensen. 2,560,798, July 17.
Chuck. E. J. Johansson. 2,543,290, Feb. 27.
Chuck. O. Mann. 2,569,616, Oct. 2.
Chuck. M. Pedersen. 2,568,088, Sept. 18.
Chuck. B. Sharp. 2,550,871, May 1.
Chuck. W. L. Stace. Re. 23,419, Oct. 16.
Chuck. C. H. Vidal. 2,553,990, May 22.
Chuck. A. Waring. 2,539,045, Jan. 23.
Chuck. D. W. Windus. 2,577,941, Dec. 11.
Chuck, Adjustable eccentric. S. C. Haynosch. 2,541,054, Feb. 13.
Chuck and dust excluding jacket therefor. D. B. Huntting. 2,538,521, Jan. 16.
Chuck, Automatic drill. R. B. De Remer. 2,543,958, Mar. 6.
Chuck device. J. H. Plante. 2,552,732, May 15.
Chuck, Fluid operated. A. E. Church. 2,573,403, Oct. 30.
Chuck for automatic turret lathes, Pneumatic. J. Douša. 2,561,789, July 24.
Chuck for holding pistons. T. A. Witek. 2,576,741, Nov. 27.
Chuck for internal grinding. B. C. Day. 2,553,178, May 15.
Chuck for jeweler's screw driver. C. B. Greenberg. 2,560,947, July 17.
Chuck for machine tools, Safety. W. Hrybinyk. 2,540,332, Feb. 6.
Chuck for manufacture of finned tubing. E. A. Schryber. 2,538,950, Jan. 23.
Chuck for polishing machines. G. J. Soderberg. 2,542,158, Feb. 20.
Chuck for pulldown devices, Automatic. C. D. Beeth. 2,570,308, Oct. 9.
Chuck for use with rotary tools. T. T. Bunch. 2,539,610, Jan. 30.
Chuck for wheel-straightening machines, Wheel holding. C. E. Jackson. 2,540,370, Feb. 6.
Chuck, Hydraulically operated. R. E. Schulz. 2,544,966, Mar. 13.
Chuck, Internal collapsible. J. W. Wall. 2,555,170, May 29.
Chuck jaw gauge. W. W. Cushman. 2,572,013, Oct. 23.
Chuck, Lathe. A. M. Stoner and C. B. Brink. 2,536,519, Jan. 2.
Chuck, Live center. C. H. Reaves and G. B. Long, Sr. 2,555,419, June 5.
Chuck, Nail. F. G. Paxton and A. I. Obermiller. 2,557,757, June 19.
Chuck, Parallelometer. J. A. Lentz. 2,544,097, Mar. 6.
Chuck, Quick-detachable. E. V. Gibbons. 2,564,893, Aug. 21.
Chuck, Rivet. J. H. Engeln, E. W. Lehman, and L. G. Speth. 2,540,572, Feb. 6.
Chuck, Snap. W. Anest. 2,536,149, Jan. 2.
Chuck, Spline arbor. A. Mackmann. 2,555,496, June 5.
Chuck, Split collet. A. Bechler. 2,550,036, Apr. 24.
Chuck, Two-stage quick-changing. R. Weiss. 2,557,486, June 19.
Chuck-unit with replaceable jawinsert. H. E. Sloan. 2,562,067, July 24
Chuck with one-piece top plate, Magnetic. G. J. Carson. 2,536,795, Jan. 2.
Chuck, Work-holding. C. A. Bedford. 2,542,857, Feb. 20.
Chuck, Work holding. E. F. Caswell. 2,557,726, June 19.
Chuck wrench. M. E. Brague. 2,541,196, Feb. 13.
Chucking mechanism. A. E. Drissner. 2,569,093, Sept. 25.
Chute and combined valve and agitator actuated by material being dispensed, Discharge. F. J. Hirsch. 2,548,022, Apr. 10.
Chute, Cattle. H. C. Whitworth. 2,564,317, Aug. 14.
Chute for elevating buckets, Filling. H. A. and G. H. Wagner. 2,538,401, Jan. 16.
Chute, Hog. L. E. Cullen. 2,577,233, Dec. 4.
Chute, Vertically reciprocating sifting. J. J. Schunck. 2,536,471, Jan. 2.
Cider mill. L. D. Forkey, J. T. Peterson, and H. I. Morton. 2,567,371, Sept. 11.
Cigar bunching machine. K. E. Granstedt. 2,563,032, Aug. 7.
Cigar, Imitation. G. Kardos. 2,545,851, Mar. 20.
Cigar or cigarette extinguisher. M. de la Torre. 2,575,261, Nov. 13.
Cigarette. J. J. Henderson. 2,547,119, Apr. 3.
Cigarette ash stand. J. D. Shockey. 2,573,776, Nov. 6.
Cigarette case. A. Sherman. 2,558,586, June 26.
Cigarette case and ash receptacle, Combination. R. Marbell. 2,556,478, June 12.
Cigarette case and friction lighter, Combined. J. Lowenthal and C. W. Moore. 2,559,303, July 3.
Cigarette container. G. Johnson. 2,544,501, Mar. 6.
Cigarette crusher and container. B. F. Michel. 2,575,557, Nov. 20.
Cigarette dispenser. J. F. and C. H. Gustafson. 2,562,666, July 31.

Cigarette dispenser. B. L. Petty. 2,566,808, Sept. 4.
Cigarette dispenser. F. O. Thompson. 2,553,120, May 15.
Cigarette extinguisher. R. F. Lacker. 2,561,124, July 17.
Cigarette extinguishing and disposal means. F. L. Thwing. 2,561,829, July 24.
Cigarette extinguishing device. E. O. Statelles. 2,558,320, June 26.
Cigarette holder. C. E. Lewis. 2,546,127, Mar. 20.
Cigarette holder. L. M. Morton. 2,550,286, Apr. 24.
Cigarette holding device. E. R. Schmeling. 2,539,276, Jan. 23.
Cigarette insert. G. E. Downs. 2,558,127, June 26.
Cigarette lighter and ash receiver, Combined. W. E. Jaap. 2,572,863, Oct. 30.
Cigarette machine tongue and manufacture thereof. J. W. Warren. 2,568,690, Sept. 18.
Cigarette making device, Home style. J. H. Blanchard. 2,557,407, June 19.
Cigarette making machine. E. F. Oetinger. 2,554,379, May 22.
Cigarette package container. E. S. Caldwell. 2,536,721, Jan. 2.
Cigarette package holder. E. W. Schweikert. 2,551,974, May 8.
Cigarette paper booklet machine. O. F. Goepfert. 2,567,201, Sept. 11.
Cigarette rolling device. G. M. Biner. 2,542,748, Feb. 20.
Cigarette rolling machine. C. W. Phillips. 2,572,193, Oct. 23.
Cigarette tip attachment. S. E. Arneson. 2,542,612, Feb. 20.
Cigarettes, Method and apparatus for the manufacture of. L. G. Copeman. 2,543,277, Feb. 27.
Cinematographic apparatus. J. M. Andreas. 2,553,841, May 22.
Cinematographic apparatus. L. E. Clark and J. M. Andreas. 2,561,497, July 24.
Cinematographic light control apparatus. L. E. Clark. 2,573,405, Oct. 30.
Cinematography. J. R. Clark, Jr. 2,544,257, Mar. 6.
Cinematography, Color. H. von Fraunhofer. 2,561,299, July 17.
Cinnamamidine derivatives. R. Baltzly and E. Lorz. 2,575,991, Nov. 20.
Ciphering device. J. W. Smith. 2,554,507, May 29.
Ciphering units, Mechanical. L. M. Potts. 2,537,420, Jan. 9.

Circuit: *See*—
- Alternating - current - direct - current rectifier circuit.
- Amplifier circuit.
- Amplifier coupling circuit.
- Amplifier protective circuit.
- Amplifier-rectifier circuit.
- Asymmetrical trigger circuit.
- Attenuating circuit
- Automatic control circuit.
- Automatic focusing circuit.
- Automatic frequency control circuit.
- Automatic gain control circuit.
- Automatic picture phasing circuit.
- Automatic range tracking circuit.
- Automatic switch control circuit.
- Automatic volume control circuit.
- Azimuth indicating circuit.
- Background control and synchronizing signal separating circuit.
- Bandspread and scale equalizing resistance-capacitance tuning circuit.
- Bass boost circuit.
- Beacon modulator circuit.
- Binary type electronic counter circuit.
- Cathode compensated electronic tube circuit.
- Cathode-ray beam deflection circuit.
- Cathode-ray tube circuit.
- Cathode - ray tube sweep circuit.
- Cathode-ray tube time-base circuit.
- Clamp circuit.
- Code recording control circuit.
- Coin controlled electric circuit.
- Coincidence circuit.
- Coincidence - integrating circuit.
- Compensated amplifier circuit.
- Constant current regulating circuit.
- Control circuit.
- Control signal indicating circuit.
- Coordinate selecting and lockout circuit.
- Counter circuit.
- Counting circuit.
- Crystal cutter driving circuit.
- Current limit control circuit.
- Deflection circuit.
- Delay circuit.
- Dial pulse receiving circuit.
- Dialed number recovery circuit.
- Differential control circuit.
- Diode counter circuit.
- Direction finder circuit.
- Discriminator circuit.
- District assembler circuit.
- Double phase comparator circuit.
- Echo distance measuring circuit.
- Electric chopper circuit.
- Electric circuit.
- Electric motor indexing and reversing circuit.
- Electric pulse generating circuit.
- Electric pulse translator circuit.
- Electric sign circuit.
- Electric time constant circuit.
- Electric trip circuit.
- Electric valve control circuit.
- Electric wave repeater circuit.
- Electrical accelerometer circuit.
- Electrical circuit.
- Electrical control circuit.
- Electrical counter circuit.
- Electrical marker generator circuit.
- Electrical marking and scanning control circuit.
- Electrical power control circuit.

Circuit: *See*—Continued.
- Electrical pulse generating circuit.
- Electrical scaling circuit.
- Electrical timing comparator circuit.
- Electromagnetic chuck control circuit.
- Electromagnetic deflection circuit.
- Electron discharge apparatus circuit.
- Electronic circuit.
- Electronic code pulse transmitting circuit.
- Electronic commutator circuit.
- Electronic control circuit.
- Electronic counter circuit.
- Electronic counting circuit.
- Electronic integrating circuit.
- Electronic regulator circuit.
- Electronic switch circuit.
- Electronic switching circuit.
- Feed-back circuit.
- Flow-control circuit.
- Four-wire to two-wire connecting circuit.
- Frequency changing circuit.
- Frequency modulation circuit.
- Frequency modulation detector circuit.
- Frequency modulation transformer loading circuit.
- Frequency selective circuit.
- Gain control circuit.
- Gamma control circuit.
- Gas tube control circuit.
- Gaseous discharge circuit.
- Gaseous discharge tube circuit.
- Glow tube counting circuit.
- Group selection control circuit.
- Heterodyne detector circuit.
- High-frequency bridge circuit.
- High-speed switching circuit.
- Horizontal deflection circuit.
- Image reduction circuit.
- Indicating circuit.
- Integrating circuit.
- Integrating counter circuit.
- Interference reducing circuit.
- Interlocked generator circuit.
- Key pulsing B operator position circuit.
- Keying circuit.
- Keystone correction circuit.
- Line brightness equalization circuit.
- Linear delay circuit.
- Linear modulation circuit.
- Magnetron modulation circuit.
- Marker circuit.
- Modulation circuit.
- Modulator circuit.
- Monitoring circuit.
- Motor protective circuit.
- Multistage ring circuit.
- Multivibrator circuit.
- Neutralized trigger circuit.
- Noise suppression circuit.
- Oscillator circuit.
- Oscillator grid-leak circuit.
- Overload control circuit.
- Peak leveling circuit.
- Phase converting circuit.
- Phase inverter circuit.
- Phase shifting circuit.
- Phase shifting control circuit.
- Photo-multiplier circuit.
- Picture signal mixer circuit.
- Plan position indicator circuit.
- Polyphase fluorescent lamp circuit.
- Power supply and charger circuit.
- Printed electronic circuit.
- Protective circuit.
- Pulse absorbing circuit.
- Pulse-blocking circuit.
- Pulse coding circuit.
- Pulse counter circuit.
- Pulse delay circuit.
- Pulse generating circuit.
- Pulse lengthening circuit.
- Pulse regenerator circuit.
- Pulse shaping circuit.
- Pulse technique circuit.
- Pulse timing circuit.
- Pulse transformer circuit.
- Pulsing circuit.
- Push-pull mixing circuit.
- Rate measuring and comparing circuit.
- Ratio circuit.
- Reactance tube circuit.
- Receiver circuit.
- Relay circuit.
- Relay selecting and indicating circuit.
- Relay set-subscriber's lockout circuit.
- Relay translating circuit.
- Remote-control positioning circuit.
- Resistance strain gauge potentiometer bridge circuit.
- Reversible motor control circuit.
- Reverting call circuit.
- Rotary contact modulator circuit.
- Rotary-switch stopping circuit.
- Saturable reactor arc prevention circuit.
- Saw - tooth multivibrator circuit.
- Scanning circuit.
- Semiconductor reactance circuit.
- Sequence control circuit.
- Shaft rotation indicating circuit.
- Signal amplitude controlling transformer loading circuit.
- Signal amplitude limiting circuit.
- Signal detector circuit.
- Spark discharge pulsing circuit.
- Spiral sweep circuit.
- Squelch circuit.
- Stabilized frequency divider circuit.
- Stabilized negative impedance circuit.
- Stabilized transistor trigger circuit.
- Stabilizing circuit.
- Supervisory circuit.
- Sweep circuit.
- Synchronizing circuit.
- Telegraph mark-hold circuit.
- Telegraph receiving circuit.
- Telephone identification circuit.
- Television deflection power recovery circuit.
- Television receiver background control circuit.
- Television receiver blanking circuit.
- Television signal mixing circuit.
- Television synchronizing circuit.
- Thermionic overvoltage protection circuit.
- Thermostat control circuit.
- Time base circuit.
- Time-delay circuit.
- Time interval circuit.
- Timing circuit.
- Tone control circuit.
- Tone shaping circuit.
- Transistor multivibrator circuit.
- Translating circuit.
- Translator circuit.

Circuit: *See*—Continued.
Transmitter output coupling circuit.
Trigger circuit.
Tube protection circuit.
Tunable high-frequency circuit.
Tunable resonant circuit.
Two-way telephone trunk circuit.
Variable band width circuit.
Variable delay circuit.
Variable frequency tank circuit.
Variable pressure fluid control circuit.
Variable reactance decoupling circuit.
Variable reactance transistor circuit.
Variable sweep circuit.
Variable timing circuit.
Vehicle signal light circuit.
Vertical synchronization pulse separation circuit.
Video amplifier circuit.
Voltage clamping circuit.
Voltage dividing circuit.
Voltage rectifier circuit.
Wide range tuning circuit.

Circuit, all relay type, Reverting call. R. W. Jones. 2,541,362, Feb. 13.
Circuit and control, Locking. R. E. Schock. 2,545,214, Mar. 13.
Circuit and means for coupling thereto, Concentric line resonator. C. J. Starner and T. N. Newman. 2,540,634, Feb. 6.
Circuit and valve for air saving, Air. T. R. Sykes. 2,539,709, Jan. 30.
Circuit and voltage testing device. F. Marinello. 2,564,166, Aug. 14.
Circuit apparatus, Hydraulic. L. C. Rotter and V. G. Klein. 2,556,708, June 12.
Circuit apparatus, Railway track. P. M. Brannen and W. L. Konrad. 2,554,006, May 22.
Circuit apparatus, Railway track. J. E. Hillig and E. W. Reich. 2,554,460, May 22.
Circuit arrangement comprising a cathode beam tube provided with means for deflecting the cathode beam. J. L. H. Jonker and A. J. W. M. van Overbeek. 2,561,057, July 17.
Circuit arrangement comprising an oscillator and a reactance tube. E. H. Hugenholtz. 2,561,056, July 17.
Circuit arrangement, Contrast expansion. H. A. Broos. 2,547,740, Apr. 3.
Circuit arrangement, Control. F. A. De Groot and B. W. V. Schenau. 2,556,070, June 5.
Circuit arrangement, Deflection. J. M. Morgan. 2,559,512, July 3.
Circuit arrangement, Delayed pulse. H. Goldberg and G. H. Miller. 2,536,804, Jan. 2.
Circuit arrangement, Electric. A. van de Wiel. 2,561,080, July 17.
Circuit arrangement, Electronic relay. F. C. Williams. 2,549,874, Apr. 24.
Circuit arrangement embodying electron discharge device employing hollow resonator. C. S. Bull. 2,571,676, Oct. 16.
Circuit arrangement for counting pulses. P. J. Kraayeveld. 2,547,217, Apr. 3.
Circuit arrangement for electric discharge lamps. W. A. Stickley. 2,554,648, May 29.
Circuit arrangement for generating a voltage varying lineally with the time. L. Blok and G. P. Roszbach. 2,539,007, Jan. 23.
Circuit arrangement for generating direct voltages. J. J. P. Valeton and B. W. V. Schenau. 2,557,209, June 19.
Circuit arrangement for generating phase modulated oscillations. J. M. L. Janssen. 2,573,447, Oct. 30.
Circuit arrangement for producing a high-frequency oscillation. E. H. Hugenholtz. 2,557,188, June 19.
Circuit arrangement for producing high-direct voltages. B. W. van Ingen Schenau, and G. J. Lubben. 2,570,014, Oct. 2.
Circuit arrangement for protecting an amplifying tube against overloading. P. K. Buys. 2,567,272, Sept. 11.
Circuit arrangement for stabilizing the amplitude of electrical oscillations. E. M. Leyton. 2,577,972, Dec. 11.
Circuit arrangement for the frequency modulation of a carrier wave. G. Hepp. 2,541,649, Feb. 13.
Circuit arrangement for tone control in low-frequency amplifier. H. A. Broos. 2,547,739, Apr. 3.
Circuit arrangement for transmitting a signaling voltage under control of an auxiliary voltage. J. L. H. Jonker and W. Six. 2,547,215, Apr. 3.
Circuit arrangement, including selective and nonselective negative-feedback means and selective positive-feedback means, Electron discharge tube. J. A. Greefkes and J. Ensink. 2,577,461, Dec. 4.
Circuit arrangement, Push-pull mixing. A. van Weel. 2,538,715, Jan. 16.
Circuit arrangement, Selective. D. E. Bridges. 2,545,567, Mar. 20.
Circuit arrangement, Time base. F. C. Williams. 2,555,837, June 5.
Circuit breaker. A. Bally. 2,556,056, June 5.
Circuit breaker. R. C. Boyd. 2,558,070, June 26.
Circuit breaker. C. L. Brownlow. 2,545,256, Mar. 13.
Circuit breaker. R. B. Clark. 2,564,832, Aug. 21.
Circuit breaker. R. S. Davis. 2,563,103, Aug. 7.
Circuit breaker. L. E. Fisher. 2,579,252, Dec. 18.
Circuit breaker. G. G. Grissinger and B. G. Tremblay. 2,575,709, Nov. 20.
Circuit breaker. W. O. Henschke. 2,542,411, Feb. 20.
Circuit breaker. J. A. Herrmann and E. T. Platz. 2,555,035, May 29.
Circuit breaker. J. G. Jackson. 2,579,673, Dec. 25.
Circuit breaker. J. G. Jackson and R. H. Kingdon. 2,536,812, Jan. 2.
Circuit breaker. W. M. Leeds. 2,575,719, Nov. 20.
Circuit breaker. L. Purpura. 2,548,617, Apr. 10.
Circuit breaker. A. Rufolo. 2,544,727, Mar. 13.
Circuit breaker. J. Sandin and T. Lindstrom. 2,546,016, Mar. 20.
Circuit breaker. J. Sandin and H. L. Rawlins. 2,575,730, Nov. 20.
Circuit breaker. F. N. Schwend and W. H. Petit. 2,548,825, Apr. 10.
Circuit breaker. W. R. Taliaferro. 2,550,128, Apr. 24.
Circuit breaker. H. Thommen. 2,541,792, Feb. 13.
Circuit breaker. M. E. Van Auken. 2,541,679, Feb. 13.
Circuit breaker. A. Van Ryan and C. Schindler. 2,555,168, May 29.
Circuit breaker. O. von Mehren. 2,554,281, May 22.
Circuit breaker. E. J. Walker, and M. Bingenheimer. 2,568,423, Sept. 18.
Circuit breaker. P. E. Warrington. 2,575,740, Nov. 20.
Circuit breaker. J. D. Wood. 2,545,402, Mar. 13.
Circuit breaker, Air. P. Olsson and R. E. Frink. 2,571,933, Oct. 16.
Circuit breaker, Air-blast. H. Milliken. 2,567,022, Sept. 4.
Circuit breaker and similar electrical switchgear, Automatic. E. Besag, W. E. Hill, and T. D. G. Wintle. 2,565,468, Aug. 28.
Circuit breaker, Automatic. F. J. M. Theunissen. 2,551,302–3, May 1.
Circuit breaker, Automatic reclosing. A. Van Ryan and C. Schindler. 2,560,529, July 10.
Circuit breaker, Compressed air. H. Forwald. 2,575,949, Nov. 20.
Circuit breaker control system. W. R. Taliaferro. 2,542,845, Feb. 20.
Circuit breaker control system, Electric. L. H. Tejada-Flores. 2,564,179, Aug. 14.
Circuit breaker, Deion. H. M. Strobel. 2,564,178, Aug. 14.
Circuit breaker, Electric. J. W. Beatty. 2,554,974, May 29.
Circuit breaker, Electric. N. M. Best. 2,539,567, Jan. 30.
Circuit breaker, Electric. W. G. Bourne. 2,537,618, Jan. 9.
Circuit breaker, Electric. R. T. Casey. 2,573,306, Oct. 30.
Circuit breaker, Electric. R. N. Rowe. 2,551,397, May 1.
Circuit breaker, Electric. R. N. Rowe and E. A. Ericson. 2,540,491, Feb. 6.
Circuit breaker, Electric. W. B. Whitney, E. M. Briscoe, and A. A. Hudson. 2,552,358, May 8.
Circuit breaker, Electrical. H. W. Koch. 2,560,800, July 17.
Circuit breaker, Electromagnetic. J. F. O'Brien and E. S. Boynton. 2,544,719, Mar. 13.
Circuit breaker, Fluid pressure operated. H. Forwald. 2,536,270, Jan. 2.
Circuit breaker for alternating current, Magnetic blowout. V. Zajíc. 2,554,547, May 29.
Circuit breaker having the blast valve arranged at line potential, High-voltage air blast. G. E. Jansson. 2,568,008, Sept. 18.
Circuit breaker, High-tension. A. Thibaudat. 2,561,486, July 24.
Circuit breaker, High-voltage oil. C. Stulz. 2,572,406, Oct. 23.
Circuit breaker, Inertia operated. J. E. Harmon. 2,553,708, May 22.
Circuit breaker, Oil. G. Scarpa. 2,566,095, Aug. 28.
Circuit breaker operating device. M. Kuwayama. 2,562,147, July 24.
Circuit breaker operation counter. J. K. Kraft. 2,580,304, Dec. 25.
Circuit breaker, Overload. G. E. Kirkby. 2,536,944, Jan. 2.
Circuit breaker, Reclosing. B. C. Rogers. 2,551,293, May 1.
Circuit breaker, Remote control. L. Heidmann. 2,552,427, May 8.
Circuit breaker retarding mechanism, Automatic. D. C. Hubbard. 2,568,155, Sept. 18.
Circuit breaker, Reverse current. J. F. O'Brien and J. B. Cataldo. 2,537,080, Jan. 9.
Circuit breaker, Reverse current trip. C. L. Jones and J. Sandin. 2,561,985, July 24.
Circuit breaker, Safety electromagnetic. F. A. J. Rojas and M. A. M. Rivas. 2,542,945, Feb. 20.
Circuit breaker steel back isolation barrier. W. M. Scott, Jr. 2,578,750, Dec. 18.
Circuit breaker switch. I. A. Paige. 2,558,908, July 3.
Circuit breaker, Thermal. I. I. Kitman. 2,563,174–5, Aug. 7.
Circuit breaker, Thermal and manual snap-action. J. W. Seaman. 2,549,532, Apr. 17.
Circuit breaker, Time delay. J. D. Wood. 2,544,519, Mar. 6.
Circuit breaker time-delay device. O. Jensen. 2,543,410, Feb. 27.
Circuit breaker trip mechanism. D. I. Bohn. 2,543,398, Feb. 27.
Circuit breaker with disconnect. W. M. Leeds. 2,580,354, Dec. 25.

Circuit breaker with grounded operating motor, Multi-break gas blast. G. E. Jansson. 2,558,757, July 3.
Circuit breaker with trap for products of arcing, Gas blast. P. L. Taylor. 2,570,610, Oct. 9.
Circuit changer, Automatic decline. C. and J. Mosovsky. 2,541,711, Feb. 13.
Circuit closer for electrical wiring systems, Automatic. W. F. Morgan. 2,574,278, Nov. 6.
Circuit closer for high-low alarms. D. R. Yarnall and J. W. Williams, 3rd. 2,578,276, Dec. 11.
Circuit closing device. A. K. Schenck. 2,550,605, Apr. 24.
Circuit closure for textile machines, etc. A. E. Stevens. 2,580,136, Dec. 25.
Circuit control apparatus, Multiple. I. E. McCabe. 2,539,259, Jan. 23.
Circuit control, Condition responsive, timing and sequencing. A. Wellman. 2,550,507, Apr. 24.
Circuit control device, Thermally-actuated. J. R. Long and E. L. Stroh. 2,556,502, June 12.
Circuit control for automatic telephone systems, Metering. H. L. Horwitz. 2,543,022, Feb. 27.
Circuit control for electric appliances, Heating. H. W. Schulze. 2,556,450, June 12.
Circuit control for electric ranges, Heating. W. R. McDowell. 2,550,579, Apr. 24.
Circuit control with sheet metal shaft, Electric. M. M. Geci, Jr. 2,553,650, May 22.
Circuit controller, Chronometric. G. G. Ensign, R. C. Hoppe, and G. T. Soper. 2,579,914, Dec. 25.
Circuit controlling apparatus. A. W. Jensen. 2,556,091, June 5.
Circuit controlling device, Electric. E. Lange. 2,570,567, Oct. 9.
Circuit element utilizing semiconductive material. W. Shockley. 2,569,347, Sept. 25.
Circuit employing compensation for electron stream induction effect, Mixing. M. J. O. Strutt. 2,577,489, Dec. 4.
Circuit failure protection device. M. J. Alger, Jr. 2,575,545, Nov. 20.
Circuit for allowing independent or joint control of a plurality of servomotors, Hydraulic control. A. Dewandre. 2,559,065, July 3.
Circuit for amusement game apparatus, Combination anti-tilt and restoring. H. E. Williams. 2,544,945, Mar. 13.
Circuit for an inductive load, Electronic control. J. B. Winther. 2,541,182, Feb. 13.
Circuit for area selection tubes and the like, Scanning. J. A. Rajchman. 2,558,460, June 26.
Circuit for balanced high-frequency generators, Output coupling. W. M. Rust. 2,546,015, Mar. 20.
Circuit for burner control apparatus, Component checking. W. H. Gille. 2,537,295, Jan. 9.
Circuit for burner control apparatus, Component checking. J. M. Wilson. 2,537,292, Jan. 9.
Circuit for burner control apparatus, Component checking. J. M. Wilson. 2,537,294, Jan. 9.
Circuit for cathode-ray tubes, Deflection. A. P. Montgomery. 2,561,586, July 24.
Circuit for coded fire alarm systems, Supervisory and control. N. E. Richmond. 2,569,338, Sept. 25.
Circuit for condition responsive impedances, Measuring. A. C. Ruge. 2,561,317, July 17.
Circuit for coupling an antenna of a television receiver to a pair of power line wires and balancing out unwanted signal reflections present in the wires. R. R. Williams. 2,562,654, July 31.
Circuit for direct-current reinsertion, Push-pull operated double diode clamping. T. M. Gluyas, Jr. 2,539,774, Jan. 30.
Circuit for distortion measurement. N. B. Saunders. 2,561,234, July 17.
Circuit for Eccles-Jordan triggered multivibrator circuits, Reset. R. J. Ringlee. 2,555,999, June 5.
Circuit for electrical commutators, Synchronizing. C. K. Stedman, H. J. Price, and R. M. Wisner. 2,554,886, May 29.
Circuit for electrical musical instruments, Tone quality control. J. M. Hanert. 2,577,752, Dec. 11.
Circuit for electronic counters, Reset. I. E. Grosdoff. 2,568,918, Sept. 25.
Circuit for electronic organs, Dividing and amplifier. F. M. Schmidt. 2,559,802, July 10.
Circuit for electrostatic voltmeters, Compensation. T. A. Rich. 2,545,386, Mar. 13.
Circuit for fluorescent lamps in series, Energizing. C. A. Peterson. 2,552,111, May 8.
Circuit for gaseous conduction tubing, Protective. L. H. Lamont. 2,560,771, July 17.
Circuit for generating sloping and rectangular gates. A. B. Jacobsen. 2,561,475, July 24.
Circuit for increasing the output of class C amplifiers. R. B. Dome. 2,554,457, May 22.
Circuit for lubricating systems, Water detector alarm. V. C. Davis. 2,552,088, May 8.
Circuit for magnetic recorders, Coupling. M. Camras and R. E. Zenner. Re. 23,383, July 3.
Circuit for maintaining aspect ratio constant. H. G. Schwarz. 2,543,304, Feb. 27.
Circuit for marking a line as busy. R. M. M. Oberman. 2,574,224, Nov. 6.
Circuit for measuring the resistance of energized alternating current apparatus. R. E. Seely. 2,578,455, Dec. 11.
Circuit for measuring voltage by oscilloscope. G. E. Chandler. 2,573,541, Oct. 30.
Circuit for metal detectors, Protective. D J. Tricebock. 2,563,140, Aug. 7.
Circuit for minimizing transients during switching between two video channels. G. M. Glasford and E. M. Usher. 2,546,338, Mar. 27.
Circuit for multiple channel recording galvanometers. W. H. Lewis. 2,577,472, Dec. 4.
Circuit for multiple high resistance ignition electrode, Control. I. W. Cox. 2,579,366, Dec. 18.
Circuit for multiple sound reproducers, Control. L. F. Mayle. 2,549,834, Apr. 24.
Circuit for operating electric discharge lamps. G. C. Duckett and A. H. Willoughby. 2,570,780, Oct. 9.
Circuit for operating electric discharge lamps. A. H. Willoughby. 2,557,809, June 19.
Circuit for operating hydraulic motors, Hydraulic. E. Cannon. 2,539,361, Jan. 23.
Circuit for parallel-connected thermionic amplifiers, Negative feedback. A. H. Roche and T. W. Elliott. 2,556,219, June 12.
Circuit for periodic introduction of electrons into an electron accelerator. R. Wideröe. 2,546,484, Mar. 27.
Circuit for preventing shock in transformerless radiophonographs. O. F. Cheney. 2,558,820, July 3.
Circuit for radiation detectors, Amplifying and pulse selecting. K. C. Crumrine. 2,557,636, June 19.
Circuit for radio pulse receivers, Interference reduction. A. C. Prichard. 2,538,040, Jan. 16.
Circuit for recording mechanisms. Control. R. C. Dehmel 2,553,529, May 15.
Circuit for rectangular waves, Delay. H. Johnson. 2,537,589, Jan. 9.
Circuit for reducing the attentuation of low-frequency signals by means of paralleled condensers, Substation. J. Kruithof and L. J. C. Nys. 2,562,924, Aug. 7.
Circuit for selector wipers, Second test. G. Deakin. 2,570,214, Oct. 9.
Circuit for servo systems, Energizing. M. L. Greenough. 2,544,921–2, Mar. 13.
Circuit for shifting alternate fields of television rasters. G. W. Fyler and G. J. Heisig. 2,566,764, Sept. 4.
Circuit for starting and stopping phonograph systems, Inaudible control. P. L. Hoover. 2,552,788, May 15.
Circuit for step-by-step switches, Control. H. B. Brown. 2,542,794, Feb. 20.
Circuit for suppressing surges caused by gain control, Amplifying. R. L. Henson. 2,574,477, Nov. 13.
Circuit for suppressing undesired oscillations in television receivers. H. G. Schwarz. 2,543,305, Feb. 27.
Circuit for telegraph systems, Supervision. A. Snijders. 2,554,596, May 29.
Circuit for telemetering systems, Limiter. W. C. Johnson and W. D. Stevenson, Jr. 2,546,307, Mar. 27.
Circuit for telephone systems, Line identification. W. H. T. Holden and B. F. Lewis. Re. 23,388, July 10.
Circuit for television receivers, Sweep. L. W. Parker. 2,559,316, July 3.
Circuit for television systems, Direct current reinsertion. K. R. Wendt. 2,550,178, Apr. 24.
Circuit for temperature responsive systems, Test. M. F. Peters. 2,566,367, Sept. 4.
Circuit for the generation of a linearly varying current. W. R. Hedeman, Jr. 2,548,532, Apr. 10.
Circuit for the transmission of identification and metering signals of calling lines. R Tavlor and G. T. Baker. 2,550,208, Apr. 24.
Circuit for timing devices. W. C. Klammer. 2,548,028, Apr. 10.
Circuit for toll-checking systems, Treadle-controlled axle-counting. G. V. Smith. 2,551,977, May 8.
Circuit for transmission and clutch control apparatus, Electrical. R. L. Mayrath. 2,578,142, Dec. 11.
Circuit for transmission and clutch control, Electrical. D. F. Toot. 2,578,158, Dec. 11.
Circuit for ultrashort waves, Resonant. B. G. Fruithof. 2,571,026, Oct. 9.
Circuit for vehicle signal lamps, Auxiliary energizing. J. R. Hollins. 2,562,271, July 31.
Circuit having illuminated indicating dial, Self-balancing potentiometer. A. A. Nina. 2,545,373, Mar. 13.
Circuit having intensifier utilized to decrease pressure and increase volume or vice versa, Hydraulic press. W. R. Tucker. 2,568,262, Sept. 18.
Circuit having manual control of receiving and transmitting efficiency, Substation. H. C. Pye. 2,574,887, Nov. 13.
Circuit having shock prevention means, Phonograph. O. F. Cheney. 2,558,821, July 3.
Circuit, including negative resistance device. J. W. Harling. 2,565,497, Aug. 28.
Circuit integrity indicating system. C. M. Hines. 2,573,442, Oct. 30.
Circuit interrupter. B. P. Baker and O. von Mehren. 2,542,790, Feb. 20.
Circuit interrupter. R. S. Bennett and C. F. Passe. 2,550,444, Apr. 24.
Circuit interrupter. T. E. Browne, Jr. 2,568,381, Sept. 18.

Circuit interrupter. R. C. Dickinson and R. E. Frink. 2,558,075, June 26.
Circuit interrupter. H. H. Fahnoe. 2,567,768, Sept. 11.
Circuit interrupter. R. E. Friedrich and O. von Mehren. 2,538,773–4, Jan. 23.
Circuit interrupter. R. E. Friedrich and W. M. Leeds. 2,580,291, Dec. 25.
Circuit interrupter. H. W. Graybill. 2,545,660, Mar. 20.
Circuit interrupter. H. J. Lingal and J. M. Cumming. 2,546,007, Mar. 20.
Circuit interrupter. J. A. Oppel and C. H. Titus. 2,555,993, June 5.
Circuit interrupter. H. L. Rawlins and J. M. Wallace. 2,549,336, Apr. 17.
Circuit interrupter. H. L. Rawlins and J. M. Wallace. 2,562,391, July 31.
Circuit interrupter. H. L. Rawlins and H. H. Fahnoe. 2,567,236, Sept. 11.
Circuit interrupter. A. Van Ryan and C. Schindler. 2,560,831, July 17.
Circuit interrupter. O. von Mehren. 2,539,213, Jan. 23.
Circuit interrupter. J. M. Wallace and A. W. Edwards. 2,542,738, Feb. 20.
Circuit interrupter. J. M. Wallace and W. L. Metz. 2,549,350, Apr. 17.
Circuit interrupter. J. M. Wallace and E. F. Beach. 2,573,234, Oct. 30.
Circuit interrupter. J. M. Wallace and J. K. Kraft. 2,575,738, Nov. 20.
Circuit interrupter. J. M. Wallace, H. L. Rawlins, J. M. Cumming, and W. S. Aspey. 2,575,739, Nov. 20.
Circuit interrupter arc extinguisher. M. Bingenheimer, E. J. Walker, and J. Toth. 2,551,822, May 8.
Circuit interrupter, Arc extinguishing. H. W. Graybill. 2,571,864, Oct. 16.
Circuit interrupter, Electric. C. J. Balentine. 2,545,334, Mar. 13.
Circuit interrupter, Enclosed. A. E. Schueler and H. T. Walton. 2,550,125, Apr. 24.
Circuit interrupter for high-tension overhead wires. J. M. Penn. 2,543,596, Feb. 27.
Circuit interrupter, Oil. R. E. Friedrich. 2,547,202, Mar. 3.
Circuit interrupting device, Noncorroding arcing. H. M. Elsey. 2,558,076, June 26.
Circuit isolating air break switch. J. S. Thompson and C. R. Ray. 2,548,079, Apr. 10.
Circuit maker. O. Jensen. 2,559,216, July 3.
Circuit maker and breaker, Pressure and time controlled. P. B. Drane and C. D. Laidley. 2,558,830, July 3.
Circuit opening device. G. F. Lincks. 2,564,701, Aug. 21.
Circuit protecting device for motors and the like. P. M. Smith. 2,553,949, May 22.
Circuit regulating apparatus. J. S. Malsbary. 2,563,179, Aug. 7
Circuit responsive to double sets of pulses, Pulse discrimination. L. Bess. 2,580,213, Dec. 25.
Circuit responsive to hall effect, Oscillator. B. M. Charchian and A. R. Vallarino. 2,549,775, Apr. 24.
Circuit selector, Temperature responsive. J. N. Stewart. 2,560,829, July 17.
Circuit signaling system, Coded track. N. D. Preston. 2,550,860, May 1.
Circuit signaling system, Normally deenergized coded track. C. E. Staples. 2,561,956, July 24.
Circuit stabilizer. R. M. Wilmotte and C. X. Castle. 2,577,668, Dec. 4.
Circuit system, Approach controlled railway track. J. R. Henderson. 2,558,486, June 26.
Circuit tester. R. J. Du Pree. 2,545,808, Mar. 20.
Circuit tester, Electrical. J. D. McNabb. 2,548,991, Apr. 17.
Circuit tester, Pocket-size. W. C. Linton. 2,575,821, Nov. 20.
Circuit testing repeating circuit breaker. A. Van Ryan and M. Rigert. 2,561,452, July 24.
Circuit voltage control, Electronic. H. R. Smith. 2,545,244, Mar. 13.
Circuit with automatic reverse, Hydraulic decompression. F. G. Cizek. 2,555,115, May 29.
Circuit with control voltage delay, Line pulse keyed automatic gain control. H. A. Bass. 2,559,038, July 3.
Circuit with double time constant input voltage filter, Keyed automatic gain control. P. F. G. Holst. 2,538,519, Jan. 16.
Circuit with feedback, Audio amplifier. C. R. Miner. 2,544,344, Mar. 6.
Circuit with small ignition transformer, Oil burner control. H. E. Earl. 2,568,954, Sept. 25.
Circuiting arrangement for commutator brushes, Open. H. T. Lang. 2,545,365, Mar. 13.
Circuits adjustable by rectilinearly variable elements, Electrical. A. Kolks. 2,540,824, Feb. 6.
Circuits and relay, Motor starting. H. Y. Fisher and E. M. Soreng. 2,548,148, Apr. 10.
Circuits, Automatic and manual ranging. R. F. Mozley and J. E. Shepherd. 2,538,027, Jan. 16.
Circuits, Bridge. B. M. Wojciechowski. 2,554,164, May 22.
Circuits, Coaxial line. H. G. Miller. 2,561,398, July 24.
Circuits, Combining. H. W. Kohler. 2,567,214, Sept. 11.
Circuits comprising a plurality of amplification stages in cascade, Amplifying. A. A. Rogers. 2,561,597, July 24.
Circuits, Counter control. W. H. Bliss and I. E. Grosdoff. 2,560,922, July 17.
Circuits, Electric fault alarm. B. B. Jacobsen. 2,547,011, Apr. 3.
Circuits, Electric signal storage or demodulating. A. H. Reeves. 2,541,099, Feb. 13.
Circuits, Electric telemetering control. A. J. Hornfeck. 2,557,742, June 19.
Circuits, Electrical. W. M. Hall. 2,546,500, Mar. 27.
Circuits, Electrical. M. D. Rubin. 2,547,890. Apr. 3.
Circuits, Electrical. R. S. Wellons. 2,556,129, June 5.
Circuits, Electrical. V. C. Westcott. 2,544,407, Mar. 6.
Circuits, Electrical integrating. C. L. Faudell. 2,568,914, Sept. 25.
Circuits, Electron trigger. E. R. Shenk and T. J. Merson. 2,540,551, Feb. 6.
Circuits, Electronic impulse-counting and data-storing. J. R. Desch and R. E. Mumma. 2,556,614, June 12.
Circuits, Fast impulse. W. A. Higinbotham. 2,536,808, Jan. 2.
Circuits, Fast impulse. C. W. Johnstone. 2,545,924, Mar. 20.
Circuits, Fault-suppressing. E. F. W. Alexanderson, A. H. Mittag, and E. L. Phillipi. 2,548,577, Apr. 10.
Circuits, Filtered thyratron control. G. C. Izenour. 2,548,887, Apr. 17.
Circuits for cathode-ray tubes, Phase inversion. R. B. Trousdale. 2,560,751, July 17.
Circuits for controlling electric locks on railway track switches. C. W Failor. 2,561,917, July 24.
Circuits for electric converting systems, Control. B. D. Bedford. 2,548,579, Apr. 10.
Circuits for electric discharge lamps. J. Cates. 2,541,033, Feb. 13.
Circuits for electrical oscillation generators, Control. E. L. C. White and J. B. Smith. 2,541,454, Feb. 13.
Circuits for frequency modulation-amplitude modulation receivers, Converter. E. I. Anderson. 2,571,001, Oct. 9.
Circuits for generating electrical impulses. E. L. C. White. 2,564,824, Aug. 21.
Circuits for magnetic recording systems, Output and input. D. H. Dashiell. 2,539,121, Jan. 23.
Circuits for modifying potentials. I. J. P. James. 2,562,792, July 31.
Circuits for operating electrical discharge devices. A. H. Willoughby. 2,549,353, Apr. 17.
Circuits for oscillographs, Time base. N. F. Moody. 2,561,066, July 17.
Circuits for rectifiers, Misfire indication. A. H. Mittag. 2,544,345, Mar. 6.
Circuits for television receivers. Cathode-ray tube modulation. G. G. Bernard. 2,540,646, Feb. 6.
Circuits, Frequency modulation-amplitude modulation receiver. E. I. Anderson. 2,561,087, July 17.
Circuits, Frequency modulation detector. S. Solomon. 2,561,149, July 17.
Circuits, Frequency selective. C. F. Sheaffer. 2,557,239, June 19.
Circuits, High-frequency amplifier neutralization. W. R. Koch. 2,550,930, May 1.
Circuits, Magnetically controlled electron discharge amplifier. C. R. Knight. 2,546,033, Mar. 20.
Circuits, Magnetron power supply. W. C. Brown and J. E. Stacy. 2,543,887, Mar. 6.
Circuits, Modulator. H. J. White. 2,555,172, May 29.
Circuits, Paralleled amplifier. S. C. Stribling, Jr. 2,546,837, Mar. 27.
Circuits, Phase comparator. W. J. O'Brien. 2,568,250, Sept. 18.
Circuits, Pilot lamp station line. P. V. Welch. 2,542,742, Feb. 20.
Circuits, Pulse generating. J. W. Taylor, Jr., and W. S. Parnell. 2,568,419, Sept. 18.
Circuits, Pulse integrating. D. K. Froman. 2,543,491, Feb. 27.
Circuits, Pulse permutating electrical. P. F. M. Gloess and L. J. Libois. 2,543,907, Mar. 6.
Circuits, Radio amplifier. I. H. Page. 2,543,797, Mar. 6.
Circuits, Selective. E. N. Shawhan. 2,559,173, July 3.
Circuits, Spark limiting control. R. G. Gehlsen and J. H. Simpson. 2,555,689, June 5.
Circuits, Sweep. E. I. Anderson. 2,552,303, May 8.
Circuits, Sweep wave generating. R. L. Sink. 2,570,875, Oct. 9.
Circuits, Telegraph concentration board. M. R. Purvis. 2,542,208, Feb. 20.
Circuits, Television. W. J. Poch. 2,552,060, May 8.
Circuits, Television receiver cathode-ray tube synchronizing. E. M. Roschke and R. O. Gray. 2,558,390, June 26.
Circuits, Temperature compensated diode measuring. H. C. Lawrence, Jr., and R. R. Freas, Jr. 2,571,458, Oct. 16.
Circuits, Thermionic valve. R. W. Elbourn. 2,572,016, Oct. 23.
Circuits, Thermionic valve. E. L. C. White. 2,572,792, Oct. 23.
Circuits, Thermionic valve. F. C. Williams. 2,549,873, Apr. 24.
Circuits, Thermionic valve. F. C. Williams and N. F. Moody. 2,549,875, Apr. 24.
Circuits, Time-delay relay. G. E. Brode. 2,566,309, Sept. 4.

Circuits, Trigger. I. E. Grosdoff. 2,550,116, Apr. 24.
Circuits, Trigger. C. B. Kinne. 2,572,038, Oct. 23.
Circuits utilizing high dielectric constant ceramics, Non-linear reactance. A. M. Curtis. 2,555,959, June 5.
Circuits, Vacuum tube. P. N. Martin. 2,541,879, Feb. 13.
Circuits, Vacuum tube mixing. J. H. Coleman. 2,569,924, Oct. 2.
Circuits, Variable ultra high frequency. W. L. Carlson and R. L. Harvey. 2,543,891, Mar. 6.
Circuits, Very high-frequency tuning. W. J. Polydoroff. 2,566,746, Sept. 4.
Circuits, Voltage combining. L. Jofeh. 2,563,245, Aug. 7.
Circular bodies of laminated plastic, Making. H. F. Sullivan. 2,542,593, Feb. 20.
Circulating cleaning device for spray gun nozzles. C. Costantino. 2,569,125, Sept. 25.
Circulating heater. M. A. Enloe. 2,542,124, Feb. 20.
Circulating hot-air furnace. C. S. Besser. 2,564,775, Aug. 21.
Circulation control for fluid couplings, Fluid. J. E. Becker. 2,568,706, Sept. 25.
Circulatory supply and drainage system for bathtubs. W. M. Patch. 2,575,636, Nov. 20.
Circumcision clamp. C. T. Buckingham. 2,561,176, July 17.
Cis-butene oxidation. L. K. Beach. 2,537,568, Jan. 9.
Citric acid salts and their preparation. S. Breiter and M. E. Hultquist. 2,537,004, Jan. 9.
Citrus pulp foodstuff. D. B. Vincent. 2,536,240, Jan. 2.
Clamp: *See*—
- Adjustable clamp.
- Adjustable concrete form clamp.
- Adjustable spring clamp.
- Air lock work clamp.
- Auto radiator hanger clamp.
- Bagel clamp.
- Band clamp.
- Battery cable clamp.
- Battery lead clamp.
- Battery terminal clamp.
- Beam clamp.
- Cable clamp.
- Circumcision clamp.
- Clothes clamp.
- Cover clamp.
- Dental compression clamp.
- Dental matrix clamp.
- Drape supporting clamp.
- Ejector and thread clamp.
- Fluid power actuated hand clamp.
- Fluid pressure actuated multiple arm pressure clamp.
- Hair curl clamp.
- Hose clamp.
- Hot line clamp.
- Hydraulic work hold-down or clamp.
- Ladder clamp.
- Lifting clamp.
- Line clamp.
- Multiple clamp.
- Multipurpose clamp.
- Nozzle clamp.
- Paper clamp.
- Parallel screw clamp.
- Pipe and conduit supporting clamp.
- Pivotally mounted tire bead compressing clamp.
- Plastic clamp.
- Pole line bonding clamp.
- Portable and adjustable bench clamp.
- Push or pull toggle clamp.
- Quick-acting clamp.
- Quick-acting hold-down cam clamp.
- Quick release clamp.
- Rod clamp.
- Rope clamp.
- Screw clamp.
- Separable pole clamp.
- Sheet metal clamp.
- Shoulder supported light clamp.
- Shuttle winder clamp.
- Skate clamp.
- Ski clamp.
- Skull clamp.
- Sliding clamp.
- Straight beam adjustable jaw clamp.
- Structural clamp.
- Telephone set shoulder clamp.
- Tie wire clamp.
- Toggle clamp.
- Tourniquet clamp.
- Transformer clamp.
- Trestle clamp.
- Trigger release toggle clamp.
- Two-part strain relief clamp.
- Universal mounting antenna clamp.
- Venetian blind rail tape clamp.
- Ventilated band clamp.
- Vulcanizing clamp.
- Wedge actuated C clamp.
- Wrap-around hose clamp.

Clamp. K. E. Bergström. 2,571,659, Oct. 16.
Clamp. H. M. Bouton. 2,569,450, Oct. 2.
Clamp. J. B. Chakeres. 2,565,065, Aug. 21.
Clamp. C. E. Christophersen. 2,541,205, Feb. 13.
Clamp. W. A. Draughn. 2,555,226, May 29.
Clamp. A. E. Gaudreau. 2,559,716, July 10.
Clamp. N. R. Ridgely, Jr., and W. H. Sohn. 2,543,740, Feb. 27.
Clamp. H. Thomason. 2,543,387, Feb. 27.
Clamp. T. A. Woolsey and H. D. Houghton. 2,579,104, Dec. 18.
Clamp and adjustable rod holder, Combined. V. Militano. 2,556,206, June 12.
Clamp and holder combined. L. Nelson and E. F. Nilsson. 2,541,434, Feb. 13.
Clamp and releasable retainer therefor, Coil spring. D. Nolan. 2,562,677, July 31.
Clamp and spreader, Straight beam adjustable jaw. S. W. Jordan. 2,574,214, Nov. 6.
Clamp and support, Combination hose. A. J. Randa. 2,537,703, Jan. 9.
Clamp arrangement, Jig. J. J. Hunt. 2,537,350, Jan. 9.
Clamp circuit. J. B. Maggio. 2,564,017, Aug. 14.
Clamp circuit. W. A. Tolson. 2,554,317, May 22.
Clamp for attaching illuminating means to gun sights, Two-part. R. E. Stinson. 2,546,242, Mar. 27.
Clamp for bars, rods, and the like. J. P. Costello. 2,554,015, May 22.
Clamp for blanket cylinders of printing presses, Blanket. O. V. Dutro. 2,578,406, Dec. 11.
Clamp for building forms. E. J. McGough. 2,572,366, Oct. 23.
Clamp for cable drum controls. J. J. Jamrozy. 2,566,334, Sept. 4.
Clamp for carpenter's plane, Bit. W. A. Aubin. 2,565,193, Aug. 21.
Clamp for circumcising, Surgical. H. M. Kanner. 2,544,459, Mar. 6.
Clamp for concrete forms, Adjustable. H. B. Cain. 2,546,537, Mar. 27.
Clamp for containers, Lid. A. Bober. 2,542,621, Feb. 20.
Clamp for electrical circuits, Ground. A. B. Downs, Jr. 2,547,932, Apr. 10.
Clamp for electrical conductors. D. H. Osborne. 2,564,340, Aug. 14.
Clamp for fractured jaw. F. G. Salisbury. 2,550,869, May 1.
Clamp for garbage can covers. C. J. and C. B. Kallas. 2,573,450, Oct. 30.
Clamp for light shields, Adjustable. R. J. Brandt. 2,548,650, Apr. 10.
Clamp for making mica condensers. J. K. Sprague. 2,542,719, Feb. 20.
Clamp for master sheets of printing machines. E. J. Janke. 2,553,856, May 22.
Clamp for multiple surfaces in frictional engagement, Unitary. A. H. Click. 2,538,640, Jan. 16.
Clamp for presses and ironing boards, Holding down. P. L. Abbott and O. G. Grove. 2,574,722, Nov. 13.
Clamp for ribbonlike conductors, Insulating. G. E. Colman. 2,540,101, Feb. 6.
Clamp for scaffolding and like structures. R. Mulder. 2,542,424, Feb. 20.
Clamp for sectional signs. P. L. Michael and K. L. Robison. 2,570,365, Oct. 9.
Clamp for vehicles and the like, Lamp supporting. C. C. De Vaughn. 2,556,615, June 12.
Clamp frame press. R. H. Cowles. 2,549,429, Apr. 17.
Clamp improvement. R. F. Rowe. 2,574,417, Nov. 6.
Clamp means for duplicator cylinders. P. A. Stephenson. 2,569,738, Oct. 2.
Clamp means, Plate. E. F. Dell. 2,577,073, Dec. 4.
Clamp-on tool. A. F. Labrozzi and J. R. Potack. 2,537,837, Jan. 9.
Clamp raising and lowering means for sewing machines. M. McCann. 2,540,987, Feb. 6.
Clamp with an adjustable pivot, Toggle. C. C. Moorehead. 2,577,029, Dec. 4.
Clamp with elevating means, Door supporting. U. F. Watson. 2,558,404, June 26.
Clamp with parallel screw, Speed hose. J. S. Shutter. 2,555,378, June 5.
Clamping and spreading fixture, Adjustable. B. C. Hamilton. 2,568,233, Sept. 18.
Clamping device. J. H. Anderson. 2,574,007, Nov. 6.
Clamping device. J. E. Bower. 2,569,284, Sept. 25.
Clamping device. S. W. Craigie. 2,568,386, Sept. 18.
Clamping device. T. S. Gates. 2,576,506, Nov. 27.
Clamping device. M. Hoag. 2,553,088, May 15.
Clamping device. H. H. Merriman. 2,545,668, Mar. 20.
Clamping device. J. W. Sherwood. 2,548,401, Apr. 10.
Clamping device. B. Silbermann. 2,539,333, Jan. 23.
Clamping device, Bullet. W. R. Fasig. 2,552,772, May 15.
Clamping device, Detachable. N. Schachter. 2,553,333, May 15.
Clamping device for bonding brake linings to brake shoes, Resilient. W. O. Crossman. 2,554,297, May 22.
Clamping device for fishing reels. E. M. Jack. 2,546,341, Mar. 27.
Clamping device for force responsive elements. H. E. Owen. 2,560,366, July 10.
Clamping device for gravity meters. A. Barry. 2,560,326, July 10.
Clamping device, Gimbal. D. W. Blair and A. Barry. 2,556,253, June 12.
Clamping device, Quick-acting. W. J. Gibbons. 2,546,336, Mar. 27.
Clamping device, Shoe. R. H. Davis. 2,566,656, Sept. 4.
Clamping fixture. V. L. Walker. 2,574,306, Nov. 6.
Clamping latch. A. F. Alexander. 2,569,647, Oct. 2.
Clamping means and device provided therewith. A. Leitman. 2,548,483, Apr. 10.
Clamping means for testing machines, Manually operated hydraulic. R. E. Getchell. 2,563,833, Aug. 14.
Clamping mechanism for molding apparatus. R. H. Wiehsner. 2,568,905, Sept. 25.
Clamping structure, Mophead. M. Seemann. 2,571,493, Oct. 16.
Clamping system. O. E. Peter. 2,573,928, Nov. 6.
Clapper block. J. M. Walter. 2,539,878, Jan. 30.
Clarification. E. M. Kelly and A. M. Kivari. 2,568,452, Sept. 18.
Clarification of sparkling wines. H. R. Carveth, Jr. 2,548,701, Apr. 10.
Clarifier. J. Díaz-Compain. 2,536,729, Jan. 2.
Clarifying butterfat. C. E. North. 2,550,288, Apr. 24.
Clasp. W. Evans. 2,544,147, Mar. 6.
Clasp. M. C. Orchard and L. E. Lang. 2,553,782, May 22.
Clasp, Adjustable bracelet. O. R. Kostka. 2,555,196, May 29.

Clasp and coin holder, Handbag. A. A. Bamberger. 2,536,016, Jan. 2.
Clasp brake mechanism. T. R. McGowan. 2,543,326, Feb. 27.
Clasp, Collar. R. P. Borst. 2,572,103, Oct. 23.
Clasp construction, Fabric. W. Gadomski. 2,559,293, July 3.
Clasp, Ear ornament. P. F. Leach. 2,579,588, Dec. 25.
Clasp for bracelets. E. E. Fachon. 2,552,415, May 8.
Clasp for bracelets. P. G. Homerin. 2,540,522, Feb. 6.
Clasp for bracelets. G. A. Rounds. 2,549,016, Apr. 17.
Clasp for bracelets and the like. A. Lévêque. 2,565,034, Aug. 21.
Clasp for necklace and the like. F. J. Maier. 2,539,787, Jan. 30.
Clasp for paint buckets, etc. A. R. Curry. 2,561,845, July 24.
Clasp for wristbands. R. O. Batdorf. 2,553,889, May 22.
Clasp, Necktie. G. A. Ingleby. 2,547,125, Apr. 3.
Clasp, Ornamental necktie. I. F. Chichester. 2,578,507–9, Dec. 11.
Clasp, Pivoted. L. W. Hubbell. 2,564,435, Aug. 14.
Clasp, Resilient. W. L. Goodman, Jr. 2,548,781, Apr. 10.
Clasp, Sectional necklace. E. C. Grassmann, Sr. 2,539,777, Jan. 30.
Clasp, Two-way adjustable. O. R. Kostka. 2,555,195, May 29.
Classifier. H. Hardinge. 2,577,754, Dec. 11.
Classifier and separator. L. G. McLean. 2,574,493, Nov. 13.
Classifier, Automatic. E. Popoff. 2,553,003, May 15.
Classifier units for friable material pulverizers. H. G. and W. H. Lykken. 2,561,388, July 24.
Classifying or separating comminuted material according to size. F. K. Mogensen. 2,572,177, Oct. 23.
Clay bodies and producing same. N. R. Sewell, Jr. 2,546,477, Mar. 27.
Clay digger. H. A. Gillerstrom. 2,554,568, May 29.
Clay package, Modeling. R. T. Heineman and J. F. Miller. 2,558,650, June 26.
Clean-burning carbonaceous compositions. J. D. Bartleson and E. C. Hughes. 2,560,542, July 17.
Cleaner: *See*—
Air cleaner.
All-purpose auto parts cleaner.
Barn cleaner.
Bottom opening suction cleaner.
Carburetor air cleaner.
Centrifugal air cleaner.
Comb cleaner.
Cotton cleaner.
Crankcase cleaner.
Dental fountain cleaner.
Double hung window cleaner.
Drain cleaner.
Drain line cleaner.
Eyeglass cleaner.
File cleaner.
Filling fork well cleaner.
Glass cleaner.
Golf ball cleaner.
Grain or seed cleaner.
Hairbrush cleaner.
Lawn cleaner.
Line cleaner.
Lint cotton cleaner.
Peanut cleaner.
Pipe bowl cleaner.
Pipe cleaner.
Portable suction cleaner.
Portable vacuum cleaner.
Reciprocating mop head cleaner.
Seed cleaner.
Shrimp cleaner.
Smoker's pipe cleaner.
Spark plug cleaner.
Sponge and squeegee cleaner.
Steam cleaner.
Strainer cleaner.
Suction cleaner.
Tank cleaner.
Tank type suction cleaner.
Thread cleaner.
Tongue cleaner.
Trench cleaner.
Vacuum cleaner.
Venetian blind cleaner.
Windshield cleaner.
Cleaner. J. Gollbach. 2,566,608, Sept. 4.
Cleaner and dust receptacle therefor, Suction. E. Anderson. 2,567,171, Sept. 11.
Cleaner and element therefor, Air. F. A. Leisen. 2,558,185, June 26.
Cleaner and humidifier for carburetors. A. Gazda. 2,580,013, Dec. 25.
Cleaner and intake silencer and outlet assembly therefor, Air. J. B. Sebok. 2,557,237, June 19.
Cleaner and lubricator, Machine belt. W. C. Waters, Sr. 2,571,320, Oct. 16.
Cleaner and silencer, Air. J. E. Perrin. 2,564,814, Aug. 21.
Cleaner device, Disposable. W. H. D. Hornaday. 2,560,649, July 17.
Cleaner for gutterless barns, Tractor barn. W. A. Markkula. 2,556,592, June 12.
Cleaner for hand rakes. R. C. Steapleton. 2,544,436, Mar. 6.
Cleaner for sparking styluses, Automatic. C. L. Boyajian, G. R. Rede, and H. M. Dimond. 2,548,583, Apr. 10.
Cleaner of the plunger type, Rubber conduit. E. R. Bailey. 2,544,290, Mar. 6.
Cleaning and drying machine, Centrifugal. P. Fraraccio. 2,574,098, Nov. 6.
Cleaning and plating process, Metal. C.F. Weber. 2,570,174, Oct. 2.
Cleaning and polishing composition, Combined. C. F. Boe and W. R. Lowstuter. 2,566,716, Sept. 4.
Cleaning and polishing device, Floor. S. W. Jilbert. 2,552,631, May 15.
Cleaning and renewing used paint brushes. L. Rotelli. 2,564,129, Aug. 14.
Cleaning and scraping device, Golf club. T. M. Kanter. 2,536,942, Jan. 2.
Cleaning and testing unit, Spark plug. G. Persak, Jr. 2,552,344, May 8.
Cleaning and truing device, Thread. A. P. Heldenbrand. 2,567,480, Sept. 11.
Cleaning apparatus. E. P. Anderson. 2,549,406, Apr. 17.
Cleaning apparatus. L. Durham. 2,549,181, Apr. 17.
Cleaning apparatus. A. T. Karas. 2,552,282, May 8.
Cleaning apparatus for loading, rotating, and spraying heavy workpieces. N. F. Clayborne. 2,580,344, Dec. 25.
Cleaning apparatus for poultry laying batteries. C. P. F. Ratermann. 2,565,521, Aug. 28.
Cleaning apparatus, Shoe. O. Stotz. 2,565,894, Aug. 28.
Cleaning circulating heaters. W. C. Steele. 2,538,057, Jan. 16.
Cleaning coal. H. B. Johnson. 2,559,076, July 3.
Cleaning composition. E. R. Irwin. 2,566,298, Sept. 4.
Cleaning composition. J. H. Secrist and W. H. Petering. 2,576,419, Nov. 27.
Cleaning composition and process, Metal. H. G. Webster. 2,567,456, Sept. 11.
Cleaning composition for removing asphaltic coatings. J. C. Showalter. 2,571,956, Oct. 16.
Cleaning composition, Making a rubberlike. H. Blumberg. 2,546,383, Mar. 27.
Cleaning device, Belt. W. D. Heller. 2,551,123, May 1.
Cleaning device, Cane. B. C. Thomson. 2,556,509, June 12.
Cleaning device, Duplicating roll film. C. W. Hughson. 2,551,601, May 8.
Cleaning device, Egg. O. C., O., and H. O. Niederer. 2,579,604, Dec. 25.
Cleaning device, Fish. R. S. Oss. 2,540,990, Feb. 6.
Cleaning device for dual steering wheels of tractors. W. F. Steuck. 2,565,276, Aug. 21.
Cleaning device for rotary brushes. W. L. MacKenzie. 2,576,185, Nov. 27.
Cleaning device for teeth and dentures. E. J. Oleksy. 2,555,858, June 5.
Cleaning device, Griddle. J. Farrow. 2,540,816, Feb. 6.
Cleaning device, Mop and brush. E., M. A. and J. Goldberg. 2,566,408, Sept. 4.
Cleaning device of the releasable swab type. R. C. Monroe and L. Y. McClement. 2,572,178, Oct. 23.
Cleaning device, Watch. A. Baltsois. 2,566,819, Sept. 4.
Cleaning electrically insulated articles, Method of and liquid composition for. R. T. K'Burg. 2,541,703, Feb. 13.
Cleaning emulsions off films. A. J. Stybel. 2,572,576, Oct. 23.
Cleaning fluid for desludging internal-combustion engines. W. J. Ebel. 2,556,173, June 12.
Cleaning ink applying mechanisms and material used therein. H. R. Gullixson. 2,569,052, Sept. 25.
Cleaning isobutylene polymerization apparatus. A. B. Small and G. F. Sellen. 2,563,624, Aug. 7
Cleaning lead-sheathed cables. A. L. Loucks. 2,550,932, May 1.
Cleaning machine, Egg. D. G. Austin. 2,551,310, May 1.
Cleaning machine for machine parts and the like. E. A. Messerschmidt. 2,567,820, Sept. 11.
Cleaning machine, Parts. H. W. Beach. 2,570,021, Oct. 2.
Cleaning mechanism, Article. O. C., O., and H. O. Niederer. 2,579,603, Dec. 25.
Cleaning metal articles of adherent rubber and the like. J. C. Baker. 2,571,328, Oct. 16.
Cleaning method and material therefor. F. R. Perry. Re. 23,422, Oct. 23.
Cleaning of metallic surfaces. R. O. Zerbe. 2,544,001, Mar. 6.
Cleaning of metals, Composition and process for electrolytic. H. G. Webster. 2,547,510, Apr. 3.
Cleaning process especially adapted to remove buffing dirt and/or drawing compounds from metal preparatory to plating operations. C. D. Tuttle. 2,561,158, July 17.
Cleaning shaft, Flexible rifle and shotgun. V. G. Malesky. 2,544,847, Mar. 13.
Cleaning starch from heated surfaces. L. M. Thomas. 2,550,885, May 1.
Cleaning the jackets of paint rollers, Method and apparatus for. A. Engel. 2,542,491, Feb. 20.
Cleaning the rollers of spinning frames. F. Delepierre and J. C. Ghesquiers. 2,562,451, July 31.
Cleansing and drying apparatus, Fabric. L. A. Runton. 2,565,576, Aug. 28.
Cleansing composition, Denture. L. D. Apperson. 2,576,205, Nov. 27.
Cleansing device for artificial dentures, Portable. E. A. Wilcox. 2,565,899, Aug. 28.
Cleansing device for artificial dentures, Portable. E. A. Wilcox. 2,568,838, Sept. 25.
Cleansing eggs in bulk. C. G. Paden. 2,576,236, Nov. 27.
Cleansing tissue package and packaging. W. C. Rodgers. 2,574,710, Nov. 13.
Clearance control. D. E. Garr. 2,548,599, Apr. 10.
Clearance indicator. R. L. Kirk. 2,569,529, Oct. 2.
Clearing device in calculating machines. E. K. Grip. 2,554,103, May 22.
Clearing means for nozzles. H. Greenspoon and N. Kristal. 2,564,431, Aug. 14.
Cleat applying tool. E. H. Barron. 2,558,230, June 26.
Cleat attachment for tractor wheels. T. C. Goolsby. 2,552,168, May 8.

Cleat, Collapsible. G. D. Miller. 2,555,805, June 5.
Click attachment for fishing reels. O. B. Surber. 2,570,884, Oct. 9.
Climber, Pole. W. D. McCammond. 2,570,001, Oct. 2.
Clinch nut. F. G. Richardson. 2,561,638, July 24.
Clinometer, Portable electromagnetic. G. H. McLaughlin and W. A. Robinson. 2,558,972, July 3.
Clip: *See*—
- Ammunition clip.
- Article holding clip.
- Awning clip.
- Collar clip.
- Condenser mounting clip.
- Ear clip.
- Electrical connecting clip.
- Electromagnetic relay armature retaining clip.
- Fastening clip.
- Hair clip.
- Hair curler clip.
- Hairpin clip.
- Hood bonding clip.
- Metal hair clip.
- Nonslip garment clip.
- Paper and pencil clip.
- Partition base clip.
- Pen or pencil pocket clip.
- Pencil clip.
- Pin curl clip.
- Pivoted spring clip.
- Pocket clip.
- Resilient sheet metal detachable clip.
- Sheet metal spring clip.
- Stamped sheet metal molding clip.
- Tire chain applying clip.
- Two-wire test clip.
- Wave guide clip.
- Wrench attaching and retaining clip.

Clip. J. E. Dietzgen. 2,543,313, Feb. 27.
Clip. J. E. Petrie. 2,574,755, Nov. 13.
Clip and lingual or palatal bar for dentures, Reinforced. A. R. Mackey. 2,560,460, July 10.
Clip-applying tool. E. H. Schroeder. 2,555,903, June 5.
Clip assembly. H. A. Bauer. 2,541,855, Feb. 13.
Clip assembly for pencils, pens, and the like. E. H. Seibert. 2,537,793, Jan. 9.
Clip board. F. E. Neikirk. 2,548,389, Apr. 10.
Clipboard and flashlight structure, Combined. K. E. Kelley. 2,544,688, Mar. 13.
Clip construction for means for assembling constructional units. L. F. Urbain. 2,540,603, Feb. 6.
Clip driving machine. W. Schafroth. 2,536,573, Jan. 2.
Clip for antiskid tire chains, Fastening. K. B. Weber. 2,545,061, Mar. 13.
Clip for display racks. A. Dreyfus, Jr. 2,562,777, July 31.
Clip for display racks, Spring. F. F. Melvin and J. O. Stevens. 2,547,531, Apr. 3.
Clip for fastening a pugree to a hat. B. Fine. 2,579,558, Dec. 25.
Clip for fastening pieces of material together. W. Schafroth. 2,563,426, Aug. 7.
Clip for finger ring pairs, Retaining. H. Seidman. 2,555,904, June 5.
Clip for fountain pens and the like. L. Claret. 2,538,294. Jan. 16.
Clip for hearing aids, Pocket. J. T. Simpson. 2,557,518, June 19.
Clip for hook over lens mountings. F. W. Lindblom. 2,538,692, Jan. 16.
Clip for paper cartons, Flap retainer. R. H. and R. H. Collier. 2,548,705, Apr. 10.
Clip for pass. E. E. S. Wade and C. Livsey. 2,557,710, June 19.
Clip for pens and pencils. O. S. Bernstein. 2,568,907, Sept. 25.
Clip for pens, Locking. A. G. Rosa. 2,541,669. Feb. 13.
Clip for pin curls. B. Craigen and N. Adair. 2,540,042, Jan. 30.
Clip for wall panels, Securing. J. J. Dugas. 2,577,881, Dec. 11.
Clipper attachment. H. O. Scott. 2,544,052. Mar. 6.
Clipper, Electric hair. C. Van Armbruster and E. Bylund. 2,542,378, Feb. 20.
Clipper, Finger nail. G. P. Davis. 2,570,025, Oct. 2.
Clipper, Fruit. D. Graves. 2,540,255, Feb. 6.
Clipper, Hair. F. T. Hotz, S. Sadlon, and E. M. Brown. 2,542,333, Feb. 20.
Clipper, Hair. T. Steinbach. 2,572,777, Oct. 23.
Clipper, Nail. V. Hansen. 2,540,782. Feb. 6.
Clipper, Peak. W. W. H. Dean. 2,555,533, June 5.
Clock. C. Hausen. 2,570,803, Oct. 9.
Clock. W. F. Thompson. 2,536,237. Jan. 2.
Clock, Alarm. R. V. Adduci. 2,546,289, Mar. 27.
Clock and carry-over mechanism, Cyclometer. L. C. Wuischpard. 2,549,556, Apr. 17.
Clock balance escapement device. P. J. McCullough. 2,540,828, Feb. 6.
Clock drive, Electric. P. R. Contant and R. H. Sullivan. 2,572,989, Oct. 30.
Clock, Electric alarm. J. Youhouse. 2,579,166, Dec. 18.
Clock, Gearless. G. R. Horner. 2,554,408, June 5.
Clock, Illuminated electric. R. J. Levesque. 2,536,557. Jan. 2.
Clock mechanism, Calendar. J. E. Ostline. 2,543,983, Mar. 6.
Clock mechanism, Temporary shutoff alarm. W. Gilson. 2,562,712, July 31.
Clock operated switch. E. G. Gaynor. 2,575,215, Nov. 13.
Clock, Radio. P. G. Coupland and C. M. Wingate. 2,550,784, May 1.
Clock, Second-marking. P. Hussey. 2,547,468, Apr. 3.
Clock, Star. H. G. Wenz. 2,567,139, Sept. 4.
Clock striking mechanism. A. W. Spurr. 2,559,476, July 3.
Clock, Sustained power electric. O. H. Dicke. 2,558,935, July 3.
Clock, Synchronous motor controlled secondary. C. E. Larrabee. 2,569,815, Oct. 2.
Clock, Wall and desk cyclometer. A. Holzner. 2,576,119, Nov. 27.
Clock, Watchman's. G. G. Gruettner. 2,557,870, June 19.
Clockcase, Molded. R. D. Heymann. 2,558,518, June 26.
Clockwork mechanism. L. J. Laviana. 2,543,032, Feb. 27.
Clockwork mechanism. A. H. Sanborn. 2,556,110, June 5.
Clockless parking meter provided with coin view windows and key actuated release of coin to coin box. L. G. Wilkin and R. F. Spiller. 2,571,082, Oct. 9.
Clod crushing drag. T. B. and G. B. Winsor. 2,538,223, Jan. 16.
Closet collar adapter. W. R. Koenig, Sr. 2,559,773, July 10.
Closet, Sanitary. R. I. Weeks. 2,566,047, Aug. 28.
Closing and sealing containers, Method and apparatus for. J. A. Zinn, Jr. 2,575,544, Nov. 20.
Closing and sealing machine, Package. R. W. Chaffee. 2,542,900–01, Feb. 20.
Closing means for bags and suitcases, Cable operated. V. Fiorucci. 2,556,324, June 12.
Closing mechanism for bottom-dump wagons. G. W. Mork. 2,575,355, Nov. 20.
Closure. J. F. Horvath. 2,561,118, July 17.
Closure. H. R. Keys. 2,563,847, Aug. 14.
Closure. P. L. Porter. 2,572,383, Oct. 23.
Closure. J. H. Wily. 2,572,963, Oct. 30.
Closure applying machine. W. E. Zimmermann. 2,544,626. Mar. 6.
Closure assembly. W. J. Thies. 2,541,971, Feb. 13.
Closure cap and package. R. C. Hanson. 2,562,548, July 31.
Closure cap for fuel tanks. O. D. Hanson, Jr. 2,570,550, Oct. 9.
Closure cap for the outlet opening in a container neck, frictionally biased in closed position, Pivoted. E. Grunwald and F. S. Ruben. 2,544,382. Mar. 6.
Closure cap having means for limiting opening movement of the cap, Axially slidable apertured. R. B. Waite. 2,574,989, Nov. 13.
Closure cap lining machine. C. Andrew and F. Waitkens. 2,567,141, Sept. 4.
Closure comprising spring actuated hinged doors with knife edges, Self-sealing. J. C. Fesen and M. Goldstein. 2,543,770, Mar. 6.
Closure device. J. P. Beaird. 2,548,934, Apr. 17.
Closure device. R. W. De Lancey. 2,568,387, Sept. 18.
Closure door assembly for concrete mixers or agitators. R. M. Henderson. 2,562,551, July 31.
Closure fastener. E. M. Borchers. 2,566,015, Aug. 28.
Closure fastener. J. Felsch. 2,571,353, Oct. 16.
Closure fastener. T. E. Weber. 2,556,309, June 12.
Closure fastener. E. J. Zelt. 2,579,354, Dec. 18.
Closure fastening means, Bail type. R. W. Lemm. 2,543,977, Mar. 6.
Closure feeding and applying mechanism. W. E. Zimmerman and H. C. Konrad. 2,574,771, Nov. 13.
Closure for a container neck and a measuring cup detachably secured in said neck by said closure. W. Numbers. Re. 23,434, Nov. 27.
Closure for a container neck and a measuring cup detachably secured in said neck by said closure. W. Numbers. 2,559,168, July 3.
Closure for a cylinder or other container, Fluid-tight. W. Hogg. 2,541,250, Feb. 13.
Closure for autoclaves and the like, High-pressure. C. A. Long. 2,545,290, Mar. 13.
Closure for carrying clips or the like. W. G. La Pierre. 2,551,019, May 1.
Closure for chambers under superatmospheric internal pressure and associated fluid pressure means for preventing the escape of fluids therefrom, Openable. L. Kooistra. 2,545,886, Mar. 20.
Closure for collapsible tube, having a spring biased, axially reciprocable, pressure operated outlet valve. S. J. Jarvis. 2,550,356, Apr. 24.
Closure for collapsible tube, having means to prevent its accidental removal therefrom, Retractible. R. B. Waite. 2,574,990, Nov. 13.
Closure for containers. R. R. Barrington. 2,543,822. Mar. 6.
Closure for containers. R. J. Nebesar. 2,536,655. Jan. 2.
Closure for containers. M. Rehrer and E. M. Dietz. 2,556,941. June 12.
Closure for containers, Side-seal. F. G. Pasotti. 2,540,007, Jan. 30.
Closure for deferred action batteries, Removable. L. D. Jennings and J. Naymik. 2,568,340, Sept. 18.
Closure for envelopes, Clasp-type. G. H. Matthiesen. 2,555,983, June 5.
Closure for hollow propeller blade tips. L. H. Enos. 2,544,450, Mar. 6.
Closure for liquid containers. V. H. Hurt. 2,566,838, Sept. 4.
Closure for multiple dose vials. E. E. Schuler. 2,561,294, July 17.

Closure for nonrefillable bottles. F. H. le Sueur. 2,572,939, Oct. 30.
Closure for paper containers. D. Kirk. 2,547,871, Apr. 3.
Closure for phonographs. R. M. Somers. 2,538,392, Jan. 16.
Closure for pipe ends and the like. J. A. Jensen. 2,541,653, Feb. 13.
Closure for pouring spouts, connected thereto by a weakened, frangible element. A. J. Collins. 2,571,542, Oct. 16.
Closure for pressure reducing valves. D. D. Faller. 2,558,292, June 26.
Closure for receptacles, Tamperproof. E. Greene. 2,560,793, July 17.
Closure for sliding pole floor holes, Automatic. T. S. McIntire. 2,562,502, July 31.
Closure for the end of a tubular body. J. C. Dunn. 2,537,184, Jan. 9.
Closure for the neck of a bottle, having a valve operable by flexure of a wall of said closure, Resilient. V. Henricson. 2,543,850, Mar. 6.
Closure for tooth paste tubes, Sliding and rotating attached. F. G. Seibel. 2,550,302, Apr. 24.
Closure for valve-bag valves, Automatic. P. A. S. André. 2,572,686, Oct. 23.
Closure for washing machine cylinders. H. D. Brotman. 2,578,125, Dec. 11.
Closure for window openings and the like. G. H. and J. R. Meadows. 2,547,591, Apr. 3.
Closure latch. J. W. Barnes. 2,544,647, Mar. 13.
Closure lock. F. C. Schoch. 2,570,160, Oct. 2.
Closure means for artificial rectal openings. J. Franken. 2,564,399, Aug. 14.
Closure means for flexible-walled containers. K. E. Freund and E. M. Scharenberg. 2,563,929, Aug. 14.
Closure means for therapeutic appliances. P. S. Madsen and G. W. Goodson. 2,544,929, Mar. 13.
Closure mechanism. M. F. Kemper. 2,565,029, Aug. 21.
Closure mechanism for pressure type vessels. J. Winks and L. Fletcher. 2,577,221, Dec. 4.
Closure mechanism for pressure vessels. D. Dohm, Jr. 2,556,578, June 12.
Closure member, Self-sealing. W. E. Stanley and R. F. Durocher. 2,540,842, Feb. 6.
Closure of autoclaves and the like. J. L. R. Faton. 2,538,089, Jan. 16.
Closure operating means. J. M. C. Altube. 2,574,312, Nov. 6.
Closure operator. O. A. Gipple. 2,561,358, July 24.
Closure operator. A. Schultz. 2,543,711, Feb. 27.
Closure operator and lock. F. A. Payne, Jr. 2,538,980, Jan. 23.
Closure operator for ditching wheel bucket backs. D. E. and L. Graham. 2,578,058, Dec. 11.
Closure remover, Fulcrum type. T. W. Tregear. 2,545,979, Mar. 20.
Closure structure, Automobile. J. W. Coles. 2,548,950, Apr. 17.
Closure top for servers or pitchers, Dispensing. R. Bernhardt. 2,544,062, Mar. 6.
Closures. V. A. Ryan, W. C. Kesler, and C. W. Pimper, Jr. 2,554,639, May 29.
Cloth and the like and preparing same, Tracing. H. Wood, Jr. 2,537,111, Jan. 9.
Cloth folding machine. R. G. Crowe. 2,538,671, Jan. 16.
Cloth-holding device for buttonhole attachments. W. F. Allenby. 2,536,620, Jan. 2.
Cloth-holding device for buttonhole attachments. C. G. Baehr. 2,547,921, Apr. 10.
Cloth-holding device for buttonhole attachments. J. Connors. 2,547,925, Apr. 10.
Cloth-holding device for buttonhole attachments. J. Connors. 2,559,114–15, July 3.
Cloth-holding device for buttonhole attachments. H. N. Johnson. 2,573,146, Oct. 30.
Cloth-holding device for buttonhole attachments. H. H. Russell. 2,547,977, Apr. 10.
Cloth rack. H. Booth. 2,547,368, Apr. 3.
Cloth roll. A. Rancourt. 2,543,507, Feb. 27.
Cloth roll, Collapsible. P. C. Hering. 2,543,457, Feb. 27.
Cloth roll holder. J. Buckman. 2,554,812, May 29.
Cloth-spreading holder. H. B. Schneider and H. Koretz. 2,572,204, Oct. 23.
Cloth spreading machine. H. J. De Lassus. 2,544,951, Mar. 13.
Cloth stentering machine. R. C. Mather. 2,574,928, Nov. 13.
Cloth water bag. C. J. Kintner and W. P. Hall. 2,550,697, May 1.
Clothesbag, Foul weather. E. Torquati. 2,546,480, Mar. 27.
Clothes basket hanger. W. H. Morris. 2,567,573, Sept. 11.
Clothesbasket, Portable. H. Hieb. 2,574,563, Nov. 13.
Clothes carrier. L. A. Morris. 2,557,556, June 19.
Clothes clamp. J. J. La Duca. 2,566,841, Sept. 4.
Clothes drier. P. E. Geldhof and C. E. Morgenstern. 2,546,925, Mar. 27.
Clothes drier. W. L. Kauffman, II. 2,550,118, Apr. 24.
Clothes drier. M. M. Smith. 2,555,821, June 5.
Clothes drier. L. Wilson. 2,578,870, Dec. 18.
Clothes-drying machine. J. T. Doolan. 2,561,652, July 24.
Clothes drying rack. A. C. Shoener. 2,569,832, Oct. 2.
Clothes hanger. B. Belefant. 2,561,045, July 17.
Clothes hanger. R. Clausen. 2,552,842, May 15.
Clothes hanger. J. T. Dolan. 2,561,728, July 24.
Clothes hanger. F. Fillenbaum. 2,549,588, Apr. 17.
Clothes hanger. W. K. Latvala. 2,576,612, Nov. 27.
Clothes hanger. R. F. Price. 2,567,348, Sept. 11.
Clothes hanger. B. N. Robins. 2,558,583, June 26.
Clothes hanger and pants holder, Combined adjustable. A. Macaluso. 2,573,467, Oct. 30.
Clothes lifter. S. W. Stageberg. 2,576,242, Nov. 27.
Clothes lifter. E. P. Zimmerly. 2,554,608, May 29.
Clothesline and support therefor. B. H. Sperber. 2,562,478, July 31.
Clothesline and supporting means therefor. E. E. Anderson. 2,558,410, June 26.
Clothesline, Automatic. S. W. Ray. 2,547,777, Apr. 3.
Clothesline extension apparatus, Folding. J. M. Rodriguez. 2,552,217, May 8.
Clothesline fastener. S. P. Darkins. 2,536,159, Jan. 2.
Clothesline, Pinless. M. L. Ollman. 2,557,756, June 19.
Clothesline reel. O. Rotherham. 2,569,020, Sept. 25.
Clothesline tensioning and positioning device. D. E. Belich. 2,567,270, Sept. 11.
Clothespin. C. G. Bevin, 2nd. 2,540,237, Feb. 6.
Clothespin. F. A. Bluhm. 2,554,808, May 29.
Clothespin. W. L. Churchill, Jr. 2,548,254, Apr. 10.
Clothespin. W. K. Fairchild. 2,564,327, Aug. 14.
Clothespin. E. A. Frantz. 2,579,660, Dec. 25.
Clothespin. E. S. Gardner. 2,540,722, Feb. 6.
Clothespin. H. R. Johnson. 2,548,536, Apr. 10.
Clothespin. R. E. MacMillan. 2,566,348, Sept. 4.
Clothespin. P. E. Maull. 2,572,643, Oct. 23.
Clothespin. J. Meyer. 2,536,202, Jan. 2.
Clothespin. J. R. Paradis. 2,561,593, July 24.
Clothespin. O. Popick. 2,538,326, Jan. 16.
Clothespin. H. L. Ratchford. 2,543,336, Feb. 27.
Clothespin. J. B. Tegarty. 2,547,349, Apr. 3.
Clothespin. A. M. Untoria G. 2,567,792, Sept. 11.
Clothespin. R. A. Werner. 2,542,224, Feb. 20.
Clothespin and support therefor. L. F. Seaman. 2,544,967, Mar. 13.
Clothespin assembly. L. A. Lewis. 2,554,199, May 22.
Clothespin, Double-ended. W. Wilks. 2,573,125, Oct. 30.
Clothespin, Plastic. J. B. Tegarty. 2,562,751, July 31.
Clothespin, Spring-actuated. A. O. Hellkvist. 2,572,619, Oct. 23.
Clothespin, Two-way hold-tight. J. H. Brandstetter. 2,536,719, Jan. 2.
Clothespin, Wire. W. H. Bridwell. 2,569,552, Oct. 2.
Clothespin, Wire. R. N. Heston. 2,547,122, Apr. 3.
Clothes pounder, Pressure type. J. W. F. Holl. 2,579,671, Dec. 25.
Clothes rack. S. A. Hanson. 2,542,137, Feb. 20.
Clothes rack. J. L. McCormick. 2,550,158, Apr. 24.
Clothes rack hook. S. Brandt. 2,555,181, May 29.
Clothes retainer. L. Peters. 2,578,148, Dec. 11.
Clothes-washing machine. H. Hovden. 2,574,566, Nov. 13.
Clothes-washing machine. A. Kost. 2,549,824, Apr. 24.
Clothes-washing machine. T. R. Smith. 2,575,689, Nov. 20.
Clothes-washing machine. T. R. Smith. 2,575,691, Nov. 20.
Clothes-washing machine, Foldable. M. I. Goldenberg. 2,538,095, Jan. 16.
Clothes-washing machine having a rockable tub. J. F. Horvath. 2,542,528, Feb. 20.
Clothes-washing machine having continuous liquid flow, Tumbler type. M. Hirsch. 2,557,966, June 26.
Clothes-washing machine utilizing a tumbling drum. W. J. Russell. 2,574,985, Nov. 13.
Clothes-washing machine with a horizontally reciprocating agitator. G. Fields. 2,568,614, Sept. 18.
Clothes-washing machine with suds control device. W. A. Johnston. 2,538,200, Jan. 16.
Clothes wringer control mechanism of the instinctive release type. S. I. Gabrielson. 2,561,195, July 17.
Cluster hobnails, Manufacture of. G. Coleman and A. W. Forman. 2,564,802, Aug. 21.

Clutch: *See*—

- Assembler star wheel clutch.
- Automatic and manually operated clutch.
- Axially engaging clutch.
- Balking ring clutch.
- Bidirectional no-back clutch.
- Bobbin clutch.
- Cam operated clutch.
- Cam released clutch.
- Centrifugal clutch.
- Centrifugal coil clutch.
- Centrifugal fluid pressure operated clutch.
- Centrifugal self-energizing clutch.
- Centrifugally engaged fluid clutch.
- Definite position released clutch.
- Delayed engagement liquid clutch.
- Eccentric roller type clutch.
- Electromagnet overload release clutch.
- Electromagnetic friction clutch.
- Flexible motor fluid operated clutch.
- Fluid engaged and released clutch.
- Fluid operated clutch.
- Fluid pressure operated clutch.
- Fluid pressure operated flexible disk clutch.
- Fluid pressure released clutch.
- Hydraulic clutch.
- Jamming roller clutch.
- Latch operated clutch.
- Latch operated positive clutch.
- Liquid cooled clutch.

Clutch: *See*—Continued.
Magnetic clutch.
Magnetically actuated roller clutch.
Magnetically controlled friction clutch.
Manure-spreader clutch.
One-way clutch.
Over-center lever actuated clutch.
Overload release clutch.
Overload release drive clutch.
Overrunning clutch.
Overrunning sprag type clutch.
Propeller clutch.
Rotary one-way clutch.
Safety clutch.
Safety overload clutch.
Self-locking clutch.
Slip clutch.
Speed regulating hydraulic clutch.
Sprag type one-way clutch.
Sprag type overrunning clutch.
Spreading fluid clutch.
Spring type clutch.
Starter type clutch.
Stoker overload safety clutch.
Synchronizer clutch.
Synchronizing clutch.
Synchronous mechanical clutch.
Torque and speed responsive clutch.
Torque limiting clutch.
Vane type hydraulic clutch.
Variable-speed clutch.

Clutch. E. S. Christensen. 2,577,181, Dec. 4.
Clutch adjusting mechanism. H. D. Kadz. 2,539,020, Jan. 23.
Clutch and brake, Electromagnetic. L. Hubert. 2,560,868, July 17.
Clutch and brake for centrifugal clutches, Pilot. M. Gravina. 2,564,841, Aug. 21.
Clutch and brake for power-transmitting mechanisms. W. P. Schultz. 2,549,245, Apr. 17.
Clutch and brake for tractors, Hand controlled. C. F. Martin. 2,555,417, June 5.
Clutch and brake, Magnetic fluid. V. J. Salemme. 2,573,065, Oct. 30.
Clutch and brake mechanism. D. A. Johnson. 2,554,573, May 29.
Clutch and brake mechanism. R. E. Ljungkull. 2,539,545, Jan. 30.
Clutch and brake mechanism. M. L. Schmidt. 2,544,360, Mar. 6.
Clutch and brake mechanism. H. M. Stueland. 2,537,557, Jan. 9.
Clutch and brake mechanism, Fluid actuated. J. N. Weiland. 2,538,996, Jan. 23.
Clutch and brake mechanism for presses. E. Laxo and H. D. Fredenburgh. 2,566,217, Aug. 28.
Clutch and brake mechanism, Friction. J. Erwood and C. E. Beck. 2,539,065, Jan. 23.
Clutch and brake pilot mechanism. M. Gravina and M. Hawadier. 2,559,765, July 10.
Clutch and control therefor, One-way. J. H. Muncy. 2,536,074, Jan. 2.
Clutch and control, Latch operated. I. Patrick. 2,570,849, Oct. 9.
Clutch and control mechanism therefor. H. D. Colman. 2,564,324, Aug. 14.
Clutch and lock, Positive. C. S. Crafts. 2,556,678, June 12.
Clutch and speed control apparatus. R. R. Stevens. 2,580,367, Dec. 25.
Clutch and throttle control mechanism. R. H. Long. 2,580,107, Dec. 25.
Clutch construction. W. P. Gallagher. 2,564,103, Aug. 14.
Clutch construction, Multiple synchronizing. D. W. Kelbel. 2,563,726, Aug. 7.
Clutch control. M. P. Winther. 2,539,649, Jan. 30.
Clutch control for marine transmission. A. E. Kilpela. 2,575,665, Nov. 20.
Clutch control mechanism. E. E. Hupp. 2,569,003, Sept. 25.
Clutch control mechanism. D. T. James. 2,537,673, Jan. 9.
Clutch control mechanism. E. R. Price. 2,566,631, Sept. 4.
Clutch control mechanism. H. W. Price and E. E. Hupp. 2,571,162, Oct. 16.
Clutch control mechanism. E. E. Prather. 2,572,659, Oct. 23.
Clutch control mechanism. T. H. Thomas. 2,566,001, Aug. 28.
Clutch device, Pneumatic operating. W. J. Leveridge. 2,546,365, Mar. 27.
Clutch disk. R. C. Zeidler. 2,547,427, Apr. 3.
Clutch drive mechanism for power-operated screw drivers and the like. E. H. Shaff. 2,564,345, Aug. 14.
Clutch-engaging mechanism, Power-driven. R. A. Ashton. 2,536,588, Jan. 2.
Clutch facing and making same. C. S. Batchelor. 2,546,056, Mar. 20.
Clutch for facsimile scanning machines, Multiple. A. C. Rustad. 2,538,849, Jan. 23.
Clutch for floor conditioning machines. H. W. Lundquist. 2,541,526, Feb. 13.
Clutch for fluid transmissions, Transversely movable piston type. H. Sprague, Jr. 2,539,872, Jan. 30.
Clutch for grain drills, Cam released. E. F. Schmutzler. 2,561,235, July 17.
Clutch for power presses, Positive jaw. Z. P. Candee. 2,559,709, July 10.
Clutch for power transmission systems, Automatic. C. G. Pullin and K. Watson. 2,555,152, May 29.
Clutch for power transmission, V-belt. A. G. Hupp. 2,576,605, Nov. 27.
Clutch for power winches. E. B. Yoncoski. 2,570,902, Oct. 9.
Clutch for spindles, Centrifugal. C. H. White. 2,575,776, Nov. 20.
Clutch for spinning boxes, Semipositive. H. J. McDermott. 2,538,258, Jan. 16.
Clutch for stitch control, Variable drive. L. M. Rabinowitz. 2,537,280, Jan. 9.
Clutch for typographical machines, Spring engaged. H. W. Owens. 2,569,573, Oct. 2.
Clutch governor, Constant speed. K. L. and K. H. F. Jensen and H. F. Jacobsen. 2,555,929, June 5.
Clutch head. W. D. Whitney. 2,569,593, Oct. 2.
Clutch lever booster. F. A. Straub. 2,544,811, Mar. 13.
Clutch lever mounting. H. V. Reed. 2,566,374, Sept. 4.
Clutch mechanism. A. T. Nabstedt and J. O. Berndtson. 2,543,252, Feb. 27.
Clutch mechanism. T. E. Torkelson. 2,566,261, Aug. 28.
Clutch mechanism and engine starter unit, Spring. C. P. Pepper. 2,540,009, Jan. 30.
Clutch mechanism, Friction. A. Ruch. 2,567,125, Sept. 4.
Clutch mechanism, Multiple. W. T. Dunn. 2,574,778, Nov. 13.
Clutch mechanism, Multiple. C. Gerst. 2,549,078, Apr. 17.
Clutch mechanism, Multiple. C. Gerst. 2,551,939, May 8.
Clutch mechanism, Multiple. C. Gerst. 2,573,135, Oct. 30.
Clutch mechanism, Positive. M. L. Jeffrey. 2,568,638, Sept. 18.
Clutch mechanism, Spring type. I. Trepanier. 2,563,888, Aug. 14.
Clutch operating mechanism, Automatic. H. W. Hoffman and S. M. Cummings. 2,541,515, Feb. 13.
Clutch operator for phonograph tone arm drives. S. G. Falk. 2,559,117, July 3.
Clutch or brake, Internally expanding friction. C. B. Spase. 2,561,955, July 24.
Clutch plate. H. V. Reed. 2,571,291, Oct. 16.
Clutch plate. H. V. Reed. 2,573,931, Nov. 6.
Clutch plate. I. Saks. 2,541,296, Feb. 13.
Clutch plate. I. Saks. 2,556,823, June 12.
Clutch plate. W. V. Thelander. 2,569,503, Oct. 2.
Clutch plate, Flexible. G. I. Goodwin. 2,574,966, Nov. 13.
Clutch plate hub. D. Kelleher. 2,561,800, July 24.
Clutch plate, Resilient. C. Macbeth and A. Kay. 2,556,624, June 12.
Clutch plate shim. R. L. Edens. 2,579,179, Dec. 18.
Clutch release. H. V. Reed. 2,541,611, Feb. 13.
Clutch shaft, Demountable. A. Kludt. 2,579,191, Dec. 18.
Clutch tooth. E. Wildhaber. 2,558,203, June 26.
Clutch wear compensator. R. S. Clark. 2,574,622, Nov. 13.
Clutch with pressure booster, Fluid. J. N. Weiland. 2,538,997, Jan. 23.
Coach, Double-deck. O. S. Caesar and R. Loewy. 2,563,917, Aug. 14.
Coach, Residential motor. C. M. Rice. 2,541,288, Feb. 13.
Coagulating apparatus. W. H. Green. 2,546,691, Mar. 27.
Coagulating apparatus. W. H. Green. 2,570,114, Oct. 2.
Coagulating bath circulating eductor. R. Y. Hays and J. Nichols. 2,550,808, May 1.
Coagulating polymer emulsions and recovering spherical particles. J. Downing. 2,556,260, June 12.
Coagulating synthetic latices. W. W. Howerton. 2,562,191, July 31.
Coagulation of colloidal dispersions. R. H. M. Meyer and J. Dijkstra. 2,563,055, Aug. 7.
Coagulation of natural rubber latex. J. P. Johnson. 2,539,911, Jan. 30.
Coagulation of synthetic rubber latices. J. W. Adams. 2,576,909, Dec. 4.
Coal acid esters as synthetic lubricants. C. W. Montgomery, W. I. Gilbert, and R. E. Kline. 2,568,965, Sept. 25.
Coal boring head. V. J. McCarthy. 2,546,899, Mar. 27.
Coal coking by cyclically circulated hot inert gases. P. H. Royster. 2,536,098, Jan. 2.
Coal crusher, Nonclogging. F. E. Christopher and H. Cappellanti. 2,564,464, Aug. 14.
Coal cutter chain. S. E. Proctor. 2,566,675, Sept. 4.
Coal-cutter chain. S. Shepherd-Smith. 2,569,584, Oct. 2.
Coal gasification. A. B. Welty, Jr. 2,538,219, Jan. 16.
Coal gasification process and apparatus. R. G. Atkinson. 2,572,829, Oct. 30.
Coal gathering and loading apparatus for mine conveyers. O. G. Myers. 2,575,287, Nov. 13.
Coal handling system. P. L. Betz and S. Karrer. 2,573,535, Oct. 30.
Coal metering and cleanout block for stokers. E. G. Baer. 2,569,969, Oct. 2.
Coal mine haulage vehicle. C. A. Pratt. 2,569,336, Sept. 25.
Coal mine hauling vehicle. C. A. Pratt. 2,549,852, Apr. 24.
Coal pusher. E. Martin. 2,559,541, July 3.
Coal veins for gasification by removal of underlying clay, Preparing. F. Squires. 2,561,639, July 24.

Coaster. A. D. Gilbert. 2,574,638, Nov. 13.
Coaster. J. C. Kasman. 2,570,954, Oct. 9.
Coaster. A. H. Normandin. 2,563,358, Aug. 7.
Coaster brake. W. L. Hall. 2,547,864, Apr. 3.
Coaster brake. H. L. Mueller. 2,572,182, Oct. 23.
Coaster brake. F. L. Weinheimer, Sr. 2,540,039, Jan. 30.
Coaster, Drinking glass. H. A. Lockwood. 2,561,127, July 17.
Coaster of the loop-the-loop type, Roller. C. L. McBride. 2,567,438, Sept. 11.
Coat. L. Spatz. 2,574,716, Nov. 13.
Coat and trousers hanger. L. Colorusso. 2,564,297, Aug. 14.
Coat, Combination. H. Kessler. 2,571,255, Oct. 16.
Coat hanger. A. Guttman. 2,571,358, Oct. 16.
Coat hanger. A. E. Wieder. 2,568,674, Sept. 18.
Coat structure and making the same. A. Newhouse. 2,554,151, May 22.
Coated abrasive grains and coating the abrasive grains. J. S. Masin and T. C. Allen. 2,541,658, Feb. 13.
Coated chain, Manufacturing. H. A. Toulmin, Jr., and J. E. Berman. 2,576,372, Nov. 27.
Coated electrical apparatus and making. L. F. Wagner and G. A. Bresler. 2,537,108, Jan. 9.
Coated elements for electron tubes, Manufacturing. E. A. Coomes and P. W. Forsbergh, Jr. 2,543,439, Feb. 27.
Coated metal mold for blowing glass and preparing the same. J. F. Hyde. 2,573,337, Oct. 30.
Coated mineral granule, making same, and roofing material surfaced therewith. G. R. Pole. 2,547,042, Apr. 3.
Coated papers, Moldproofing mineral. J. A. Bicknell and S. J. Johnson. 2,548,646, Apr. 10.
Coated particle compositions, Preparing. A. Sommer. 2,572,068, Oct. 23.
Coated plastic products. J. Bjorksten, S. O. Fiedler and L. L. Yaeger. 2,578,665, Dec. 18.
Coated products. A. B. Ness. 2,556,885, June 12.
Coated resistance. J. M. Mochel. 2,564,706, Aug. 21.
Coated roofing. G. A. Fasold and H. W. Greider. 2,552,947, May 15.
Coated seed. F. W. Burgesser. 2,579,733, Dec. 25.
Coated seed. F. W. Burgesser. 2,579,735, Dec. 25.
Coated seed. S. R. Funsten and F. W. Burgesser. 2,579,732, Dec. 25.
Coated sheet material and making the same. C. S. Francis, Jr. 2,537,126, Jan. 9.
Coated water-vapor proof paper and coating compositions, Manufacture of. A. Szwarc. 2,538,397, Jan. 16.
Coated welding rod. W. Andrews. 2,547,432, Apr. 3.
Coated welding rod. R. D. Wasserman. 2,544,000, Mar. 6.
Coating a lithographic plate, Method and apparatus for. G. S. Rowell. 2,580,131, Dec. 25.
Coating a siliceous base. O. K. Johannson. 2,557,786, June 19.
Coating aluminum or its alloys. C. C. Cohn. 2,550,328, Apr. 24.
Coating and coating compositions. W. B. Horback and W. D. Paist. 2,561,513, July 24.
Coating and impregnating an electrical device. M. I. Zwelling. 2,551,864, May 8.
Coating an inorganic fabric with polytetrafluoroethylene and product resulting therefrom. P. F. Sanders. 2,539,329, Jan. 23.
Coating apparatus. H. A. Toulmin, Jr., and J. E. Berman. 2,576,319, Nov. 27.
Coating apparatus, Electrostatic. C. Kahan. 2,548,477, Apr. 10.
Coating apparatus, Electrostatic. E. M. Ransburg. 2,544,806, Mar. 13.
Coating apparatus, Electrostatic. E. M. Ransburg. 2,553,724, May 22.
Coating apparatus for wrapping and cartoning machines. F. W. Kucklinsky. 2,553,592, May 22.
Coating apparatus, Fruit. R. B. Shugart and J. G. Boettcher. 2,560,487, July 10.
Coating apparatus, Liquid. C. P. Freer. 2,577,574, Dec. 4.
Coating apparatus, Spray. J. A. Paasche. 2,547,884, Apr. 3.
Coating articles. H. P. Ransburg. 2,567,781, Sept. 11.
Coating cellulose ester films. G. F. Nadeau and F. W. Hoyt. 2,559,893, July 10.
Coating composition. W. F. Flanagan. 2,536,049, Jan. 2.
Coating composition. K. Helmholtz. 2,580,023, Dec. 25.
Coating composition. A. C. Henn and A. Gathman. 2,537,136, Jan. 9.
Coating composition. P. E. Marling. 2,544,391, Mar. 6.
Coating composition and making. P. Nordon. 2,576,307–8, Nov. 27.
Coating composition and polystyrene surface coated therewith. L. L. Yaeger. 2,578,770, Dec. 18.
Coating composition and using same. N. Sugarman and F. M. Fryman. 2,536,107, Jan. 2.
Coating composition, Antislip surface. A. J. Stockwell. 2,564,735, Aug. 21.
Coating composition comprising the reaction product of vinyl esters of tall oil acids with styrene and an isopropenyl compound, and the preparation. P. E. Marling. 2,577,709, Dec. 4.
Coating composition for hams, Protective. R. T. K. Cornwell. 2,558,042, June 26.
Coating composition for protecting metal surfaces from corrosion. C. T. Watson. 2,568,424, Sept. 18.
Coating composition for the selective transmission of light, Liquid. M. R. Coe. 2,546,724, Mar. 27.
Coating composition, Heat resistant. R. A. McGlone. 2,538,974, Jan. 23.
Coating composition, Wire. E. H. Olson. 2,570,476, Oct. 9.
Coating composition, Wire. H. L. Saums. 2,570,490, Oct. 9.
Coating compositions. R. A. Barkhuff, Jr. 2,538,857, Jan. 23.
Coating compositions. G. R. Barrett. 2,537,017, Jan. 9.
Coating compositions. G. R. Barrett. 2,537,019, Jan. 9.
Coating compositions. L. B. Falkenburg, A. J. Lewis, and J. C. Cowan. 2,550,682, May 1.
Coating compositions. D. Schoenholz and H. Terry. 2,536,018, Jan. 2.
Coating compositions and applying same to glass. A. C. Buck and J. F. Conlon. 2,569,920, Oct. 2.
Coating compositions comprising copolymers of acrylic esters and dicarboxylic acid esters. J. H. Kugler and W. E. Lundquist. 2,544,691, Mar. 13.
Coating compositions containing gamma-ferric oxide hydrate. C. D. Downs and J. Martin. 2,541,642, Feb. 13.
Coating compositions containing glass fibers. J. A. Saffir. 2,549,017, Apr. 17.
Coating compositions containing glyoxalidine compounds. H. S. Mannheimer. 2,541,825, Feb. 13.
Coating compositions from soybean oils. A. J. Lewis, H. A. Moser, and J. C. Cowan. 2,550,703, May 1.
Coating compositions flatted with silica aerogel. A. R. Bird. 2,541,975, Feb. 20.
Coating containing dyes, Photosensitive. H. C. Staehle. 2,544,903, Mar. 13.
Coating continuous webs of paper or the like. H. W. Faeber. 2,555,536, June 5.
Coating device, Liquid. R. H. Parker. 2,573,052, Oct. 30.
Coating device for engraved cylinders. L. B. Corbett. 2,543,895, Mar. 6.
Coating electrical contact pins. A. M. Bergö-Heineman. 2,560,151, July 10.
Coating ferrous metal and heat pack mixture therefor. R. L. Samuel. 2,536,774, Jan. 2.
Coating ferrous metal with aluminum or an aluminum alloy. H. L. Grange and D. K. Hanink. 2,569,097, Sept. 25.
Coating ferrous metals with magnesium and magnesium-base alloys. C. A. Moe, J. S. Peake, and G. T. Sermon. 2,550,709, May 1.
Coating filaments. A. O. Ryan. 2,545,006, Mar. 13.
Coating for electron discharge devices, Zirconium. E. G. Widell. 2,536,673, Jan. 2.
Coating for food articles, Ornamental preserving. B. Sag. 2,536,701, Jan. 2.
Coating for paper and production. L. J. Scheid. 2,559,901, July 10.
Coating for spray booths, Protective. C. W. Smith. 2,563,499, Aug. 7
Coating frozen meat cuts. J. M. Ramsbottom. 2,551,463, May 1.
Coating glassine. G. H. Peters. 2,575,727, Nov. 20.
Coating ingot molds and composition therefor. F. Ingala. 2,578,976, Dec. 18.
Coating machine. D. S. Greer. 2,577,722, Dec. 4.
Coating machine, Automatic. J. A. Paasche. 2,565,263, Aug. 21.
Coating machine, Can end. S. R. Johnson and R. M. Mero. 2,573,338, Oct. 30.
Coating machine, Confection. E. J. Otken. 2,562,059, July 24.
Coating machine, Pipe. O. R. Smith. 2,554,067, May 22.
Coating machine, Strip. H. O. Robinson. 2,570,379, Oct. 9.
Coating machine, Wiping. J. L. Mortell. 2,538,945, Jan. 23.
Coating material spreader for strip material. B. C. Newlove. 2,556,772, June 12.
Coating mechanism, Tape. H. J. Vachon. 2,554,131, May 22.
Coating metal and articles produced thereby. J. R. Fisher, Jr. 2,540,108, Feb. 6.
Coating metallic articles with vinyl resin dispersions. J. W. Donnell and K. Tator. 2,550,232, Apr. 24.
Coating metallic objects with other metals. M. Alferieff. 2,570,906, Oct. 9.
Coating method and apparatus. W. W. Crouse. 2,568,611, Sept. 18.
Coating method and apparatus, Electrostatic. D. S. Gustin and A. W. Wainio. 2,538,562, Jan. 16.
Coating method and apparatus, Electrostatic. H. P. Ransburg. 2,550,657, Apr. 24.
Coating nickel with mercury. T. M. Burkholder. 2,567,762, Sept. 11.
Coating of metal strip, Hot dip. C. McNabb, P. J. Whitley, and F. M. Morrow. 2,577,904, Dec. 11.
Coating of paper. J. A. Montgomerie. 2,566,529, Sept. 4.
Coating of pulse-jet valve elements. S. C. Britton and R. M. Schirmer. 2,563,305, Aug. 7.
Coating or plastic composition. A. R. French. 2,537,264, Jan. 9.
Coating paper. H. W. Faeber. 2,556,262, June 12.
Coating paper. G. Haywood and C. S. Dayton. 2,560,572, July 17.
Coating paper. W. J. Montgomery. 2,568,288, Sept. 18.

Coating paper, Method of and apparatus for. J. J. O'Connor, R. H. Savage, and H. C. Schwalbe. 2,565,260, Aug. 21.
Coating particulate material, Process and apparatus for. D. E. Marshall. 2,579,944, Dec. 25.
Coating particulate materials. D. E. Marshall. 2,561,394, July 24.
Coating photographic film, Method and apparatus for. G. F. Nadeau and F. W. Hoyt. 2,541,479, Feb. 13.
Coating porous masonry to render it water repellent. B. R. Brick. 2,574,168, Nov. 6.
Coating press and holiday detector. A. L. Smith. 2,573,815, Nov. 6.
Coating refractory readily oxidizable metals. J. H. Ramage. 2,555,372, June 5.
Coating roller device. E. A. Johnson. 2,570,243, Oct. 9.
Coating stainless steel. I. C. Clingan. 2,537,035, Jan. 9.
Coating strip steel with a protective metal coating. R. F. Renkin. 2,557,764, June 19.
Coating thermocouples. W. D. Ford. 2,571,700, Oct. 16.
Coating wire-wound electrical resistors. A. J. Deyrup 2,568,847, Sept. 25.
Coating with plutonium acetylacetonate and coated product. B. B. Cunningham, C. Smith, and J. S. Dixon. 2,545,606, Mar. 20.
Coating wood. P. E. McCoy. 2,552,900, May 15.
Coaxial-cable carrier system. P. Marzin and R. Sueur. 2,550,198, Apr. 24.
Coaxial control knob. V. Goodwin, Jr. 2,572,023, Oct. 23.
Coaxial coupling. D. M. Potter. 2,540,346, Feb. 6.
Coaxial line coupler. G. H. Baker and P. H. Smith. 2,572,970, Oct. 30.
Coaxial line coupling. L. D. Smullin. 2,547,054, Apr. 3.
Coaxial line stub support. J. Goldsmith. 2,568,281, Sept. 18.
Cobalt base alloy and articles thereof. R. A. Schmucker, Jr., C. D. Preusch, and L. F. Bowne, Jr. 2,551,170, May 1.
Coccidiosis control composition. E. Waletzky. 2,567,358, Sept. 11.
Cock with rotary plug. J. Annicq. 2,553,349, May 15.
Cocking mechanism for pneumatic guns. W. S. Wells. 2,568,308, Sept. 18.
Cockpit enclosure for aircraft, Sliding. L. F. Santucci and J. S. Showalter. 2,544,397, Mar. 6.
Code alarm signal transmitting system. F. W. Houghton. 2,538,968, Jan. 23.
Code converter. J. A. Spencer. 2,537,168, Jan. 9.
Code device. W. C. Washcoe. 2,571,174, Oct. 16.
Code disk assembly and ball bearing therefor. L. F. Reinhold. 2,549,009, Apr. 17.
Code identification system. H. A. Stamper. 2,577,283, Dec. 4.
Code recording control circuit. R. O. Rippere. 2,546,835, Mar. 27.
Code translator, Multielement. H. P. Luhn. 2,577,085, Dec. 4.
Code translator system, Telegraph. A. E. Frost. 2,549,796, Apr. 24.
Coded card handling machine. M. C. Williams and F. L. Willis. 2,564,089, Aug. 14.
Coded plate selector for inventory system. E. L. Schmidt. 2,564,410, Aug. 14.
Coder for pulse code modulation, Electron beam. R. L. Carbrey. 2,552,619, May 15.
Coding device. R. N. Meyer. 2,559,455, July 3.
Coffee basket for drip coffee makers. R. F. Krause. 2,577,200, Dec. 4.
Coffee brewer. F. N. Cronholm. 2,575,260, Nov. 13.
Coffee brewing apparatus. R. W. Johnson. 2,565,235, Aug. 21.
Coffee concentrate, Preparing a. L. Nutting. 2,562,206, July 31.
Coffee extract enriched with extra flavor. J. L. Kellogg. 2,557,294, June 19.
Coffee grinder feed and control device. R. L. Schuhmann. 2,560,826, July 17.
Coffee filter. F. R. Chester. 2,573,246, Oct. 30.
Coffee filter. J. W. Myers. 2,553,717, May 22.
Coffee maker. C. O. Bjork. 2,558,668, June 26.
Coffee maker. J. C. Columbus. 2,571,015, Oct. 9.
Coffee maker. G. B. Davis, Jr. 2,567,187–8, Sept. 11.
Coffee maker. M. H. Graham. 2,552,169, May 8.
Coffee maker. E. W. Kaufmann. 2,543,528, Feb. 27.
Coffee maker. G. Robbiati. 2,549,132, Apr. 17.
Coffee maker. L. H. Snyder. 2,537,167, Jan. 9.
Coffee maker. P. E. Willman. 2,570,997, Oct. 9.
Coffee maker. P. E. Willman. 2,577,985, Dec. 11.
Coffee maker, Automatic. C. W. Zees. 2,568,840, Sept. 25.
Coffee maker, Combination automatic and pressure drip. A. C. Wilcox. 2,575,777, Nov. 20.
Coffee maker, Interchangeable glass and metal vacuum. A. C. Wilcox. 2,573,237, Oct. 30.
Coffee maker, Pressure actuated. S. Melita. 2,577,088, Dec. 4.
Coffee maker seal. I. Jepson. 2,551,563, May 1.
Coffee maker, Side-by-side. W. R. Weeks. 2,553,344, May 15.
Coffee maker, Side-by-side. A. M. Young. 2,550,513, Apr. 24.
Coffee maker, Side-by-side. A. M. Young. 2,566,916, Sept. 4.
Coffee maker, Vacuum. A. C. Wilcox. 2,576,432, Nov. 27.
Coffee maker with spring-biased coffee basket, Single bowl. J. C. Worst. 2,566,914, Sept. 4.
Coffee-making apparatus. R. D. Hotvedt. 2,544,836, Mar. 13.
Coffee mill. G. R. Wood. 2,549,275, Apr. 17.
Coffee-steeping device. A. Beckelman. 2,550,902, May 1.
Coil annealing apparatus. C. Cone. 2,580,283, Dec. 25.
Coil assembly, Condenser. H. G. Dickman. 2,558,345, June 26.
Coil assembly, Electrical. W. M. Drobish and E. L. Drom. 2,548,205, Apr. 10.
Coil construction, Field. R. E. Ferris and M. F. Jones. 2,561,352, July 24.
Coil, Electrical. J. S. Franks. 2,548,210, Apr. 10.
Coil, Electromagnetic exciting. J. F. Tritle and G. Bellows, Jr. 2,542,733, Feb. 20.
Coil for a tuned circuit having a constant selectivity, Slide core. T. A. Spoor. 2,547,793, Apr. 3.
Coil for cathode-ray tubes, Focusing. R. R. Pearce. 2,550,592, Apr. 24.
Coil for radio loud-speakers, Voice. R. K. Y. Kim. 2,538,691, Jan. 16.
Coil for the ice-making section of refrigerators, Auxiliary evaporating. J. Plumeri. 2,547,595, Apr. 3.
Coil form. O. Wirth. 2,578,495, Dec. 11.
Coil forming press. W. G. Royston. 2,560,189, July 10.
Coil handling apparatus. E. A. Matteson and W. P Donald. 2,567,819, Sept. 11.
Coil, Heating. P. Arant. 2,570,630, Oct. 9.
Coil, High-frequency iron-cored. E. A. van Yzeren. 2,544,195, Mar. 6.
Coil, Induction. H. B. McGlade. 2,550,283, Apr. 24.
Coil, Loading. E. J. Crane and R. P. Cross, Jr. 2,548,199, Apr. 10.
Coil package. B. B. Scott, Jr. 2,552,594, May 15.
Coil spring retaining rod. A. G. Scampone. 2,579,970, Dec. 25.
Coil structure for transformers, Electrical. C. A. Schwartz. 2,556,602, June 12.
Coil, Stamped helical. C. E. Raczynski. 2,568,169, Sept. 18.
Coil support and control, Focus. J. L. Hoellerich. 2,568,631, Sept. 18.
Coil, Switch choke. H. Hartmann. 2,568,003, Sept. 18.
Coil system for measuring instruments, Coreless moving. A. T. van Urk. 2,560,375, July 10.
Coil system for measuring instruments with nonlinear scales. A. T. van Urk. 2,566,783, Sept. 4.
Coil system for nonlinear response of electrical instruments. A. T. van Urk. 2,565,412, Aug. 21.
Coil system, High-frequency. F. H. Gusdorf and C. Veenis. 2,544,152, Mar. 6.
Coil system, more particularly for measuring instruments, Coreless moving. A. T. Van Urk. 2,567,660, Sept. 11.
Coil terminal, Loading. E. L. Drom. 2,548,206, Apr. 10.
Coil type water tube heater. J. S. Halmasy, Sr. 2,541,245, Feb. 13.
Coil winding. W. C. Gref. 2,537,457, Jan. 9.
Coil winding apparatus for magnetic cores. G. R. Anderson and J. K. Gibbs. 2,551,521, May 1.
Coil-winding machine. J. S. Burge, R. M. Goodwin, and H. J. McKee. 2,576,568, Nov. 27.
Coil winding machine. D. E. Hooker. 2,571,243, Oct. 16.
Coil winding tool. H. D. Justice. 2,551,135, May 1.
Coiled stockholding fixture. H. G. Wiebe. 2,548,248, Apr. 10.
Coiling device, Hose. H. H. Wolfe and H. E. Butler. 2,544,121, Mar. 6.
Coiling filamentary articles. W. D. Boynton. 2,561,725, July 24.
Coiling machine, Glass. S. J. Gartner. 2,545,271, Mar. 13.
Coils, High-frequency strap-wound. W. F. Sands. 2,543,940, Mar. 6.
Coils, Two-part preformed. R. P. Hanna. 2,565,128, Aug. 21.
Coin-actuated control and change delivery mechanism. M. W. Powell. 2,564,719, Aug. 21.
Coin and check separator. F. G. Nicolaus, W. M. Burnside, and N. A. Nelson. 2,561,880, July 24.
Coin and transfer receptacle. J. M. Cohen. 2,553,081, May 15.
Coin box. B. H. Went. 2,544,118, Mar. 6.
Coin carrier. C. Priesmeyer. 2,547,410, Apr. 3.
Coin changer. E. M. Sorenson. 2,548,916, Apr. 17.
Coin changer for vending machines. C. F. Harris. 2,555,486, June 5.
Coin-changer mechanism. C. B. Winkler. 2,567,900, Sept. 11.
Coin chute. N. A. Nelson. 2,539,855, Jan. 30.
Coin collector and register. J. F. Cavanagh. 2,578,226, Dec. 11.
Coin collecting and refunding means for dial telephone systems, Operator controlled. F. R. Lamberty. 2,558,571, June 26.
Coin collecting and registering device. G. M. Wilcox and W. S. Johnson. 2,555,176, May 29.
Coin container. H. C. Craig and W. E. Keen. 2,561,687, July 24.
Coin control apparatus. J. L. Hauflaire. 2,552,675, May 15.
Coin control system for record changing and selecting phonographs. E. L. Welker. 2,537,436, Jan. 9.

Coin-controlled actuating mechanism. C. H. Weaver. 2,566,269, Aug. 28.
Coin controlled electric circuit. G. Ripley, III. 2,543,938, Mar. 6.
Coin controlled mechanism. L. M. Keefe. 2,542,034, Feb. 20.
Coin-controlled time controlled chair. B. O. Howard and M. S. Neal. 2,564,762, Aug. 21.
Coin detecting and indicating apparatus. J. A. Victoreen. 2,540,063, Jan. 30.
Coin handling machine. A. R. Buchholz, W. H. Sprenger, and O. E. Hoffman. 2,547,563, Apr. 3.
Coin holder. L. C. Honeyman. 2,553,257, May 15.
Coin holding and delivering device, Pocket. A. B. Wink. 2,539,648, Jan. 30.
Coin-holding device. O. F. Everitt. 2,569,629, Oct. 2.
Coin mechanism for vending machines. E. H. Thompson. 2,572,539, Oct. 23.
Coin-operated dispensing pump. P. M. Schneckenburger. 2,573,112, Oct. 30.
Coin-operated electric iron. H. S. Kaufman. 2,572,350, Oct. 23.
Coin receptacle. A. F. Eslick. 2,553,904, May 22.
Coin register parking meter. R. T. Trier, P. C. Janson, and R. D. Murphy. 2,551,914, May 8.
Coin selector. J. Gottfried. 2,569,603, Oct. 2.
Coin selector. O. A. Hokanson. 2,545,426, Mar. 13.
Coin selector for coin-controlled machines. E. G. Weiler. 2,538,820, Jan. 23.
Coining sintered articles, Process and apparatus for. E. E. Ensign. 2,542,912, Feb. 20.
Coincidence circuit. L. Bess. 2,538,500, Jan. 16.
Coincidence-integrating circuit. E. F. MacNichol, Jr. 2,578,256, Dec. 11.
Coke oven apparatus. A. R. Powell. 2,540,138, Feb. 6.
Coke oven apparatus and method. J. van Ackeren. 2,537,197, Jan. 9.
Coke-oven buckstay structure. R. K. Millard. 2,571,597, Oct. 16.
Coke oven door handling apparatus. P. H. Lavely. 2,576,126, Nov. 27.
Coke oven with gas recirculation means. C. W. Nash. 2,580,121, Dec. 25.
Coke oven with gas recirculating means. J. van Ackeren. 2,541,794, Feb. 13.
Coking of agglomerates of zinciferous and carbonaceous materials, Autogenous. E. C. Handwerk and C. J. Lentz. 2,536,365, Jan. 2.
Coking retort. H. R. Horner and R. J. Hennessy. 2,537,670, Jan. 9.
Cold bonding plasticized resin sheets to other surfaces. T. C. Morris and E. C. Johnson. 2,572,879, Oct. 30.
Cold cathode electric discharge tube. A. H. Reeves and G. H. Hough. 2,577,809, Dec. 11.
Cold drawing, Method and apparatus for. P. W. Bridgman. 2,558,035, June 26.
Cold frame. J. L. Writesel. 2,573,084, Oct. 30.
Cold holdover element. Y. Lhermitte and R. Besson. 2,550,277, Apr. 24.
Cold process for producing an improved soap composition. R. W. Peterson. 2,547,280, Apr. 3.
Cold process water softener. G. P. Clement. 2,571,421, Oct. 16.
Cold-reducing tubular sections. J. W. Offutt. 2,549,705, Apr. 17
Cold treating machine. R. E. Bludeau and J. H. Bucknam. 2,552,029, May 8.
Cold treating method and machine. P. M. Ahlstrand and G. W. Patch, Jr. 2,552,832, May 15.
Cold treatment apparatus and method. R. E. Bludeau. 2,552,030, May 8.
Collagen product, Comminuted. V. L. Harnack and W. F. Bronson. 2,557,871, June 19.
Collapsible bath cabinet. C. E. Burns. 2,561,265, July 17.
Collapsible bath cabinet. A. G. Wahl. 2,551,552, May 1.
Collapsible beach rocking chair. C. Gomes and S. C. Correa. 2,543,543, Feb. 27.
Collapsible box. J. M. Davenport. 2,558,126, June 26.
Collapsible box. P. J. Karam. 2,565,236, Aug. 21.
Collapsible box. A. M. Lewis and P. B. Weiler. 2,550,830, May 1.
Collapsible box. J. H. Vineberg. 2,555,719, June 5.
Collapsible cabinet. W. V. Clark. 2,576,750, Nov. 27.
Collapsible cabinet. P. L. Du Boff. 2,552,158, May 8.
Collapsible carrier. G. K. Blank. 2,544,977, Mar. 13.
Collapsible carrier. M. E. Holy. 2,576,179, Nov. 27.
Collapsible case. G. Armenia. 2,573,089, Oct. 30.
Collapsible container. A. Donald. 2,579,655, Dec. 25.
Collapsible container. V. H. Hasselquist. 2,551,673, May 8.
Collapsible core. W. J. Pugh. 2,574,413, Nov. 6.
Collapsible delivery box. P. Rosenberg. 2,553,607, May 22.
Collapsible display holder. M. J. Viglietta. 2,562,590, July 31.
Collapsible disposable container. W. H. Crosby. 2,574,246, Nov. 6.
Collapsible door. G. A. and J. S. Zandelin. 2,537,566, Jan. 9.
Collapsible drum. N. L. Herman. 2,570,809, Oct. 9.
Collapsible form. J. C. Cotner. 2,549,758, Apr. 24.
Collapsible frame. M. P. Shackelford. 2,541,722, Feb. 13.
Collapsible garment and hat hanger. H. C. Brown. 2,540,508, Feb. 6.
Collapsible garment hanger. E. Kittredge. 2,576,761, Nov. 27.
Collapsible garment hanger. J. B. McPherson. 2,569,726, Oct. 2.
Collapsible gate. R. I. Nightingale. 2,542,156, Feb. 20.
Collapsible golf bag carrier. L. E. Underwood. 2,577,290, Dec. 4.
Collapsible golf bag carrier. L. A. Welsh. 2,574,232, Nov. 6.
Collapsible hanger. G. Marbit. 2,577,854, Dec. 11.
Collapsible heat-insulated container. N. R. Seaman. 2,575,893, Nov. 20.
Collapsible high chair. A. T. Kvarnstrom. 2,580,178, Dec. 25.
Collapsible high chair. C. G. Miles. 2,562,629, July 31.
Collapsible hose coupling. E. J. Slattery. 2,547,983, Apr. 10.
Collapsible ironing board. E. Condak. 2,548,099, Apr. 10.
Collapsible ironing table. W. L. Anderson. 2,567,538, Sept. 11.
Collapsible last. A. W. McNeill. 2,561,811, July 24.
Collapsible metal box. J. T. Sayer. 2,550,088, Apr. 24.
Collapsible office machine frame. N. T. Freeman and R. E. Boyden. 2,540,297, Feb. 6.
Collapsible or folding infant's auto seat. T. H. Bonk. 2,571,823, Oct. 16.
Collapsible pallet type container. B. C. Coit, Jr. 2,547,624, Apr. 3.
Collapsible paperboard bottle carrier. W. A. Ringler. 2,556,341, June 12.
Collapsible rack. V. E. Meinke. 2,560,466, July 10.
Collapsible receptacle. H. P. Cottingham. 2,560,089, July 10.
Collapsible recessed display stand. W. H. Scoble. 2,537,318, Jan. 9.
Collapsible seat. M. A. Bleck. 2,555,566, June 5.
Collapsible sectional top table. L. Alch. 2,545,064, Mar. 13.
Collapsible stand. J. C. Peery. 2,575,593, Nov. 20.
Collapsible telescope stand. H. H. Kirby and C. B. Thorington. 2,559,971, July 10.
Collapsible wheeled vehicle. M. Partiot. 2,558,909, July 3.
Collapsible yarn holder. F. C. Newmaker. 2,545,790, Mar. 20.
Collar. I. W. Richardson. 2,559,226, July 3.
Collar and hood, Combination. J. De Grazia. 2,547,931, Apr. 10.
Collar and tie device. F. W. Coffing. 2,545,020, Mar. 13.
Collar and yoke for ladies' garments, Convertible. H. Metzger. 2,563,687, Aug. 7.
Collar board. W. J. Freedman. 2,551,879, May 8.
Collar clip. A. O. Ashley. 2,562,519, July 31.
Collar construction, Coat. M. Breier. 2,561,779, July 24.
Collar form. A. W. Serio. 2,539,555, Jan. 30.
Collar protector. J. M. Darling. 2,559,406, July 3.
Collar, Stiffened roll. J. V. Cohn. 2,560,157, July 10.
Collar stiffener. H. C. Holt. 2,564,008, Aug. 14.
Collars to prevent broken axle shaft fragments entering axle center section. L. R. Buckendale. 2,546,969, Apr. 3.
Collating machine. C. L. Leifer. 2,542,089, Feb. 20.
Collator rack. L. W. Evans. 2,568,996, Sept. 25.
Collecting mechanism comprising a rotating leveling roller for moving trays of cigarettes. F. F. Ruau. 2,548,620, Apr. 10.
Collection and dispensing means for coins or the like. R. S. Wallach. 2,547,102, Apr. 3.
Collector, Dust. N. N. Stephanoff. 2,568,032, Sept. 18.
Collector for bus bar duct systems. Trolley type. H. J. Hammerly and C. B. Turton. 2,536,282, Jan. 2.
Collector for drills, Magnetic shaving. R. I. Kinney, Sr. 2,548,314, Apr. 10.
Collector for electroplating apparatus, Current. W. B. Cooper and P. A. Burgemeister. 2,575,409, Nov. 20.
Collet. H. D. Fowlie. 2,573,325, Oct. 30.
Collet. G. O. Gridley. 2,562,455, July 31.
Collet. J. R. O'Connell. 2,545,628, Mar. 20.
Collet. E. W. Wilson. 2,551,077, May 1.
Collet assembly. A. F. Jelinek. 2,548,978, Apr. 17.
Collet chuck. S. A. Collgert and O. G. Nordqvist. 2,567,471, Sept. 11.
Collet chuck. B. Denzler. 2,561,788, July 24.
Collet chuck. G. W. Kean. 2,567,605, Sept. 11.
Collet chuck. L. A. Leifer. 2,543,857, Mar. 6.
Collet chuck. F. E. Merrion. 2,542,552, Feb. 20.
Collet chuck. J. M. Peters. 2,574,754, Nov. 13.
Collet chuck, Hydraulic. V. v. K. Sundt. 2,551,226, May 1.
Collet structure. F. L. Dodge. 2,578,642, Dec. 11.
Collet, Toggle-acting. A. M. Stoner. 2,546,351, Mar. 27.
Collet with interchangeable pad. G. C. Barnes. 2,580,067, Dec. 25.
Colloid layers, Production of colored. R. B. Collins, H. D. Edwards, and O. E. Pratt. 2,572,988, Oct. 30.
Colloidal iodine preparation and making the same. C. C. H. Thomas. 2,567,584, Sept. 11.
Colloidal silver, Production of. H. O. Dickinson. 2,571,688, Oct. 16.
Color altimetry. W. A. Ayres. 2,543,753, Mar. 6.
Color analyzer, Photoelectric. L. E. Varden. 2,544,196, Mar. 6.

Color and color difference meter. R. S. Hunter. 2,574,264, Nov. 6.
Color and stain removers for fabrics. C. M. Gooding, E. Morrill, and E. D. Seiter. 2,548,892, Apr. 17.
Color and stain removers for fabrics. C. M. Gooding, E. Morrill, and E. D. Seiter. 2,549,079, Apr. 17.
Color and stain removers for fabrics. E. Morrill, E. D. Seiter, and C. M. Gooding. 2,549,113, Apr. 17.
Color and stain removers for fabrics. E. D. Seiter, C. M. Gooding, and E. Morrill. 2,548,914, Apr. 17.
Color comparator. A. J. Bruning. 2,566,079, Aug. 28.
Color developing, including treatment with a quaternary ammonium salt. V. W. Blanchard. 2,551,091, May 1.
Color developing with 2-thiohydantoin derivatives. A. B. Jennings. 2,551,134, May 1.
Color facsimile system. B. L. Sites. 2,567,240, Sept. 11.
Color former acetals of polyvinyl alcohol and substituted carbalkoxyacetamidobenzaldehydes. J. O. Corner. 2,562,528, July 31.
Color formers of the benzimidazole class, Yellow diffusion-fast. W. C. Craig. 2,547,307, Apr. 3.
Color-kinescopes, etc. M. W. Green. 2,579,665, Dec. 25.
Color matching, Method and apparatus for. E. I. Stearns, Jr. 2,540,797, Feb. 6.
Color ornamented asbestos-cement sheets, Making. E. M. Bollaert. 2,573,659, Oct. 30.
Color photographic material and producing same. B. Gaspar. Re. 23,357, Apr. 17.
Color photography. H. Von Fraunhofer and H. E. Coote. 2,568,208, Sept. 18.
Color predictor. R. H. Park. 2,542,564, Feb. 20.
Color predictor for pigments. E. I. Stearns, Jr. 2,540,798, Feb. 6.
Color prints, Making. F. C. Williams and F. M. Brown. 2,566,277, Aug. 28.
Color shifting agents and using same. F. G. Smith. 2,579,020, Dec. 18.
Color sorting machine. E. H. Bickley. 2,580,275, Dec. 25.
Color stabilization of halogen-containing polymers. W. L. J. de Nie and C. N. J. de Nooijer. 2,546,631, Mar. 27.
Color stabilizers. E. L. Walters. 2,573,779, Nov. 6.
Color television. G. C. Sziklai. 2,567,040, Sept. 4.
Color television. V. K. Zworykin. 2,566,713, Sept. 4.
Color television receiving apparatus. M. L. Schultz, L. G. Pacent, and R. R. Batcher. 2,577,368, Dec. 4.
Color television system. W. H. Cherry. 2,566,693, Sept. 4.
Color television system. O. H. Schade. 2,579,971, Dec. 25.
Color television system. A. C. Schroeder. 2,579,705, Dec. 25.
Color television system. G. C. Sziklai. 2,566,707, Sept. 4.
Color television tube. A. C. Schroeder. 2,545,974, Mar. 20.
Color television tube. R. L. Snyder, Jr. 2,571,991, Oct. 16.
Color temperature meter. C. F. Taylor. 2,579,347, Dec. 18.
Color vision testing device. E. Allgaier. 2,579,779, Dec. 25.
Color yielding elements for color photography. O. W. Murray. 2,546,400, Mar. 27.
Coloration of polyvinyl plastics. H. Jones and C. Musgrave. 2,548,376, Apr. 10.
Colored filaments and fibers, Production of. E. Waters and L. Wood. 2,571,319, Oct. 16.
Colored photographic layers and their manufacture. A. E. Van Dormael and L. A. Van Der Auwera. 2,566,814, Sept. 4.
Colorimeter. O. A. Harvey and T. Woodmansee. 2,555,744, June 5.
Coloring composition capable of forming a film on water. A. S. Wendt. 2,553,617, May 22.
Coloring margarine and resulting product. E. F. Drew, H. G. Bissinger, and J. Kamlet. 2,559,411, July 3.
Coloring of magnesium and alloys thereof. P. R. Cutter. 2,538,831, Jan. 23.
Coloring oleomargarine, Method and apparatus for. C. E. Metheny, L. R. Alexander, and S. Turner. 2,539,457, Jan. 30.
Coloring textile materials. C. E. Maher. 2,546,861, Mar. 27.
Colors comprising hydroxy-aliphatic compounds, Liquid sulfur. R. H. Grant. 2,558,245, June 26.
Colors, Printing. A. H. V. Durr, R. F. R. Wendling, and J. L. R. Gardedieu. 2,550,047, Apr. 24.
Colostomy apparatus. W. M. Cloninger. 2,536,036, Jan. 2.
Colostomy appliance. B. H. Polcyn. 2,546,779, Mar. 27.
Colostomy bag. N. H. Mette. 2,575,063, Nov. 13.
Colostomy closure or guard. H. F. Carroll. 2,542,233, Feb. 20.
Colostomy device. R. B. Deahl. 2,540,777, Feb. 6.
Colostomy device. J. M. Phillips. 2,557,998, June 26.
Colostomy protector. F. J. Ardner. 2,544,579, Mar. 6.
Colostomy protector. J. E. Guinn. 2,555,086, May 29.
Colostomy receptacle. J. E. Clark. 2,561,906, July 24.
Colostomy receptacle. D. H. Van Hove. 2,549,649, Apr. 17.
Colostomy screen stand. C. A. McMorrow. 2,577,028, Dec. 4.
Column construction, Jack. G. H. Dean. 2,544,780, Mar. 13.
Column lubrication for radial drills. W. G. Hoelscher. 2,557,822, June 19.
Columned game board. J. K. Aird. 2,571,403, Oct. 16.
Comb. W. H. Cartheuser. 2,559,940, July 10.
Comb. D. P. Iesersek. 2,551,131, May 1.
Comb. P. L. Mater. 2,546,696, Mar. 27.
Comb. H. F. Shaw. 2,566,965, Sept. 4
Comb. A. L. Voight. 2,564,239, Aug. 14.
Comb and brush, Combination. F. L. Twitty. 2,569,908, Oct. 2.
Comb and comblike device. F. C. Hunt. 2,546,541, Mar. 27.
Comb cleaner. R. M. and M. H. Brody. 2,557,410, June 19.
Comb cleaner comprising an oscillating cleaner element which traverses the interstices of the comb. F. E. Hummel. 2,564,847, Aug. 21.
Comb device, Hair puffing. R. G. Horowitz. 2,568,890, Sept. 25.
Comb, Electric razor. A. Denocenzo. 2,539,011, Jan. 23.
Comb, Finger. F. Phillips and R. Lay. 2,568,898, Sept. 25.
Comb, Foldable. C. P. Robertson. 2,576,194, Nov. 27.
Comb for hair clippers. B. Pasquesi. 2,577,357, Dec. 4.
Comb foundation. E. F. Smith. 2,561,147, July 17.
Comb, Graduated haircutting. W. S. Hendra. 2,562,421, July 31.
Comb hair lock. B. M. Dombek. 2,569,659, Oct. 2.
Comb, Hair trimming. N. Shaeffer. 2,569,344, Sept. 25.
Comb, Oil dispensing. L. H. Pepin. 2,539,634, Jan. 30.
Comb, Pocket. C. E. Sonderegger. 2,551,472, May 1.
Comb, Sanitary. M. B. Kassel. 2,562,465, July 31.
Comb, Sheathed hair. C. J. Garofalo. 2,559,867, July 10.
Comb, Telescoping hairdressing. E. E. Zurndorfer. 2,577,991, Dec. 11.
Comb, Toilet. E. L. H. Cosby. 2,571,205, Oct. 16.
Comb, Tuck. J. R. McEleney. 2,551,330, May 1.
Comber. J. S. Dudley and C. D. Brandt. 2,572,122, Oct. 23.
Combing machine. O. C. Hinson. 2,558,706, June 26.
Combing mechanism for cross-laying machines. C. D. Brown and G. E. Repass. 2,566,922, Sept. 4.
Combating oil fires. A. W. Saxe and V. A. Kalichevsky. 2,543,672, Feb. 27.
Combination baking and broiling gas burner. R. H. Meiners. 2,574,153, Nov. 6.
Combination balanced shutoff and throttling valve assembly. W. N. Matson and H. A. Mayor. 2,561,214, July 17.
Combination blade and wiper holder. R. Krasberg. 2,563,940, Aug. 14.
Combination bowler's and traveling bag. A. A. Kath. 2,571,892, Oct. 16.
Combination bracket. F. J. Burns. 2,579,788, Dec. 25.
Combination bumper and license tag holder. D. M. Sartain. 2,558,880, July 3.
Combination chalk board molding strip and map display rail hook supporting member. W. T. Jervis. 2,570,454, Oct. 9.
Combination coffee and card table. R. W. Service. 2,551,766, May 8.
Combination comprising a hot-gas engine and a piston machine driven thereby. A. A. Dros. 2,558,481, June 26.
Combination control system. H. H. Curry. 2,568,720, Sept. 25.
Combination door. J. di Giallerenzo. 2,571,846, Oct. 16.
Combination door of storage type. J. D. Carter. 2,540,864, Feb. 6.
Combination fluid dispensing nozzle and fluid level indicating means. J. H. Chadwick. 2,580,157, Dec. 25.
Combination internal-combustion engine and accessory. P. T. Tucker. 2,568,473, Sept. 18.
Combination key seat remover and vibration distributor for well drilling. J. McClinton. 2,572,839, Oct. 30.
Combination keyless lock. N. Redmond and J. Halpern. 2,565,825, Aug. 28.
Combination lock. R. E. Lehman. 2,558,619, June 26.
Combination lock. S. S. Nieratka. 2,540,172, Feb. 6.
Combination lock. E. M. Young. 2,554,165, May 22.
Combination lock switch. E. J. Tobin. 2,545,395, Mar. 13.
Combination mail and news box. R. W. Gieseler. 2,578,691, Dec. 18.
Combination mail and news box. R. W. Gieseler. 2,578,693, Dec. 18.
Combination main and pilot valve. A. L. Miller. 2,572,274, Oct. 23.
Combination of card controlled machines. J. E. Dayger, O. B. Shafer, and A. E. Gray. 2,573,312, Oct. 30.
Combination of rotary furrower and press wheels. P. E. Lemmon and A. J. Johnson. 2,577,775, Dec. 11.
Combination oil and gas burner. C. C. Young. 2,552,301, May 8.
Combination paper-cutting tool. F. Miseta, Jr. 2,568,353, Sept. 18.
Combination pressure relief and safety head valve. M. J. Kunert and R. S. Coffman. 2,562,672, July 31.
Combination process for the production of saturated hydrocarbons. L. Schmerling. 2,562,217, July 31.
Combination seasoning stand. J. Waits. 2,539,600.
Combination stop mechanism. R. P. Mork. 2,576,764, Nov. 27.

Combination storm and screen unit. L. T. Milnor. 2,569,942, Oct. 2.
Combination tool. H. D. Andrews. 2,572,237, Oct. 23.
Combination tool. A. A. Tefft. 2,579,768, Dec. 25.
Combination toothbrush, water glass, and soap holder. F. J. Bidmon. 2,576,560, Nov. 27.
Combination wet and dry heat generator. G. Auslander. 2,556,671, June 12.
Combination woodworking power tool. A. G. Edwards. 2,555,582, June 5.
Combine machine. W. M. Miller. 2,571,469, Oct. 16.
Combined automatic fuel conditioner with steam injection. H. G. Blumberg and E. M. Stevens. 2,573,241, Oct. 30.
Combined case and key chain holder. W. M. Longhenrich. 2,554,303, May 22.
Combined clean-out and flow control device for fluid lines. W. L. Ramsey. 2,576,640, Nov. 27.
Combined clothes and dish washer. E. A Killin. 2,563,046, Aug. 7.
Combined fluid-pressure and manually operated valve. J. P. Conlan. 2,573,408, Oct. 30.
Combined heel shell and comb for looms. W. A. Blanchard. 2,580,154, Dec. 25.
Combined inductor and work-supporting means. R. M. Serota. 2,577,487, Dec. 4.
Combined line and tripping relay circuit for telephone lines. W. M. Beaumont. 2,568,138, Sept. 18.
Combined machine tool. A. G. Plimmer and F. J. Kistner. 2,572,756, Oct. 23
Combined paperboard and silicate-clay adhesives therefor, Manufacture of. R. L. Kreyling. 2,554,035, May 22.
Combined pipe and electric coupling. A. H. Kirksey. 2,542,536, Feb. 20.
Combined quiver and sheath. R. T. Zaccard. 2,566,786, Sept. 4.
Combined road and rail vehicle. W. S. Watts and L. G. Carmick, Jr. 2,577,830, Dec. 11.
Combined shock absorbing and motor vehicle spring suspension arrangement. R. Torres. 2,573,119, Oct. 30.
Combined square and tape measure. W. Greenwood. 2,571,569, Oct. 16.
Combined storm and window frame. R. O. Coughenour. 2,564,299, Aug. 14.
Combined tester and pressure gauge. G. A. Humason. 2,565,130, Aug. 21.
Combined thread cutting and stitch removing tool. J. B. Miller. 2,556,366, June 12.
Combining and separating circuits. D. E. Kenyon. 2,570,249, Oct. 9.
Combining fluids, Method and apparatus for. F. R. Russell. 2,559,516, July 3.
Combustion air control system for vaporizing burners. F. B. Aubert. 2,538,856, Jan. 23.
Combustion apparatus. H. L. Hildestad. 2,543,693, Feb. 27.
Combustion apparatus and method. W. J. Bloomer. 2,560,078, July 10.
Combustion apparatus, including flame type ignition means. R. H. Goddard. 2,569,887, Oct. 2.
Combustion apparatus comprising a combustion chamber with target type premixing extension. R. H. Goddard. 2,563,028, Aug. 7.
Combustion apparatus provided with a flame-holding assembly. H. L. Hildestad. 2,572,723, Oct. 23.
Combustion apparatus provided with gas backflow-inducing means adjacent the nozzles. W. L. Christensen and A. H. Redding. 2,554,401, May 22.
Combustion brilliancy control system. H. T. Sawyer. 2,538,428, Jan. 16.
Combustion chamber air flow arrangement about the fuel nozzle end, Annular. R. A. Sforzini. 2,545,495, Mar. 20.
Combustion chamber and diffusion nozzle arrangement for reducing over-all length of jet engines. D. N. Walker, P. F. Ashwood, and H. Cowan. 2,564,218, Aug. 14.
Combustion chamber, Diesel engine. W. M. Nichols. 2,556,773, June 12.
Combustion chamber for a coal stove and an air supply thereto. J. R. Fellows. 2,549,788, Apr. 24.
Combustion chamber for fluid fuel. R. E. Yates, J. M. Engel, and W. W. Riesche. 2,538,953, Jan. 23.
Combustion chamber fuel nozzle mounting. H. L. Hildestad. 2,537,054, Jan. 9.
Combustion chamber having telescoping walls with corrugated ends for spacing, Annular. R. A. Sforzini. 2,549,858, Apr. 24.
Combustion chamber in rotating annular casing. R. H. Goddard. 2,544,420, Mar. 6.
Combustion chamber lining. I. Lubbock. 2,548,485, Apr. 10.
Combustion chamber, Multiple tubular. E. S. Dennison. 2,565,843, Aug. 28.
Combustion chamber, Opposed conical jacket wall rotary. R. H. Goddard. 2,563,026, Aug. 7.
Combustion chamber, Premixing. R. H. Goddard. 2,551,112, May 1.
Combustion chamber, Revolving. R. H. Goddard. 2,551,111, May 1.
Combustion chamber scavenge pump. J. W. Tatter. 2,563,885, Aug. 14.
Combustion chamber, Steam-operated rotating. R. H. Goddard. 2,536,599, Jan. 2.
Combustion chamber structure for fluid fuel burning air heating furnaces. T. J. West. 2,541,315, Feb. 13.
Combustion chamber with conical air diffuser. H. C. Hottel and G. C. Williams. 2,565,308, Aug. 21.
Combustion chamber with rotating fuel and air stream surrounding a flame core. J. L. Ray. 2,579,614, Dec. 25.
Combustion chamber with retrorse baffles for preheating the fuel-air mixture. W. B. Gist, Jr. 2,552,851, May 15.
Combustion chamber with stepped wall construction. E. A. De Zubay and R. A. Sforzini. 2,573,694, Nov. 6.
Combustion chamber with turbine shaft air jacket, Double-walled annular. V. Scarth. 2,576,046, Nov. 20.
Combustion chamber with multiple discharge nozzles R. H. Goddard. 2,563,023, Aug. 7.
Combustion chamber with rotating fuel nozzles. R. P. Kroon. 2,568,921, Sept. 25.
Combustion chamber with wide-angle discharge for use in propulsion apparatus. R. H. Goddard. 2,544,419, Mar. 6.
Combustion control. J. W. Hamilton. 2,545,732, Mar. 20.
Combustion control apparatus. A. C. Wenzel. 2,549,733, Apr. 17.
Combustion device comprising ash removing rotatable grate means. W. F. Pfau. 2,551,547, May 1.
Combustion gas baffle arrangement for furnace interiors. J. Stanwycks. 2,565,328, Aug. 21.
Combustion gas heater apparatus for multitemperature air supply for furnaces. J. H. Cruise. 2,578,783, Dec. 18.
Combustion gas turbine plant. H. Pfenninger. 2,544,235, Mar. 6.
Combustion pot and mixing chamber. N. H. Cargile, C. B. Clemetson, and M. L. Nelson. 2,537,735, Jan. 9.
Combustion pot with fuel and air nozzle head, Jacketed. W. A. Reed and A. H. Shapiro. 2,575,070, Nov. 13.
Combustion system, Liquid fuel. O. N. Lawrence and E. H. Warne. 2,566,734, Sept. 4.
Combustion tube fluid fuel burner. W. J. Duff. 2,546,731, Mar. 27.
Combustion turbine having mixing tube to aspirate, compress and preheat the air-fuel mixture. L. A. Williams, Jr. 2,542,953, Feb. 20.
Combustor with sectional housing and liner. B. O. Buckland. 2,547,619, Apr. 3.
Comforter. D. C. Lippmann. 2,544,797, Mar. 13.
Commercial mixtures of hydrogen and carbon monoxide, Making. C. S. Lynch, T. B. Wasserbach, and W. R. F. Guyer. 2,541,657, Feb. 13.
Comminutor with interchangeable disks, Rotary disk fruit and vegetable. H. G. Weismueller. 2,550,895, May 1.
Commode. E. C. Oliver. 2,562,058, July 24.
Commode cabinet. C. W. Cline. 2,564,779, Aug. 21.
Commodity bag. D. A. Perino. 2,563,616, Aug. 7.
Commodity chopper casing. A. W. Lundell. 2,539,448, Jan. 30.
Communication apparatus. R. H. Campbell. 2,547,855, Apr. 3.
Communication apparatus. J. R. Heck. 2,579,571, Dec. 25.
Communication channel identification in telephone or like systems. G. F. Bellairs and J. C. Ireland. 2,547,617, Apr. 3.
Communication system. W. M. Bacon. 2,572,831, Oct. 30.
Communicating system. W. M. Bacon and E. F. Watson. 2,560,266, July 10.
Communication system. H. S. G. Cooper and H. L. Schultz. 2,577,512, Dec. 4.
Communication system. D. B. Cruikshank. 2,565,479, Aug. 28.
Communication system. E. M. Deloraine and L. Goldstein. 2,546,984, Apr. 3.
Communication system. S. Goldman. 2,566,882, Sept. 4.
Communication system. S. E. Golian. 2,567,844, Sept. 11.
Communication system. R. A. Heising. 2,539,623, Jan. 30.
Communication system. S. N. Van Voorhis. 2,567,862, Sept. 11.
Communication system employing pulse code modulation. J. R. Pierce. 2,538,266, Jan. 16.
Communication system for drive-in establishments. E. C. Dunn, G. L. Lowman, and H. B. Lockhart. 2,549,676, Apr. 17.
Communication system, Intelligence. B. Ruysdael, H. L. Hadden, H. I. Zagor, and F. J. Alterman. 2,536,228, Jan. 2.
Communication system, Multiplex electrical pulse. E. Labin and D. D. Grieg. 2,549,826, Apr. 24.
Communication system of restricted range type. W. S. Halstead. 2,567,431, Sept. 11.
Communication system, Secret. A. G. Chapman. 2,556,677, June 12.
Communication system, Two-way. L. Prahm. 2,536,820, Jan. 2.
Communication system, Two-way. L. Prahm. 2,543,986 Mar. 6.
Communication system, Two-way electric pulse. C. T. Scully. 2,565,525, Aug. 28.
Communication system utilizing constant amplitude pulses. E. M. Deloraine and A. H. Reeves. 2,568,721, Sept. 25.

Communication system utilizing successive, different pulse modulation techniques, Multiplex. M. J. E. Golay. 2,567,203, Sept. 11.
Community automatic exchange network. P. Bakker. 2,579,721, Dec. 25.
Commutator. L. C. Carter and H. D. Else. 2,565,120, Aug. 21.
Commutator. A. H. Dickinson. 2,536,917, Jan. 2.
Commutator. A. H. Dickinson. 2,573,316, Oct. 30.
Commutator. R. Perlini. 2,562,572, July 31.
Commutator. T. Trott. 2,574,360, Nov. 6.
Commutator construction. C. Lynn. 2,550,574, Apr. 24.
Commutator motor brush holder. G. Giambonini. 2,579,565, Dec. 25.
Compact. E. Brand. 2,570,314, Oct. 9.
Compact, Cigarette ash and stub. I. Lundstrom. 2,559,254, July 3.
Compact, Cleansing tissue. J. G. Curry. 2,549,433, Apr. 17.
Compact, Cosmetic. I. and A. Polin. 2,547,971, Apr. 10.
Compact, Cosmetic. E. E. M. Zurndorfer. 2,553,348, May 15.
Compact, Lubricating powder pressed. G. W. Webb. 2,554,723, May 29.
Compact, Pocket utensil. A. Mosch. 2,558,265, June 26.
Compact, Powder box. A. Marcellus. 2,568,814, Sept. 25.
Compact providing facial illumination. K. E. Rush. 2,574,292, Nov. 6.
Compact steam generator. W. H. Attschuler and B. Woynar. 2,562,442, July 31.
Compact, Vanity. B. J. Landry. 2,537,534, Jan. 9.
Compacts of high-density uranium hydride, Preparation of. M. L. Perlman and S. I. Weissman. 2,558,377, June 26.
Comparator. N. S. Ryder. 2,570,489, Oct. 9.
Comparator device. J. D. Coakley. 2,551,364, May 1.
Comparator for regulating timepiece balance wheels. J. M. Hourigan. 2,547,705, Apr. 3.
Comparator for tracing contours of solid objects. H. L. Murch, L. B. Fuller, and R. O. Beardsley. 2,580,239, Dec. 25.
Comparator for typewriting machine type. L. B. Fuller. 2,558,078, June 26.
Comparator gauge. W. O. Bennett, Jr. 2,568,981, Sept. 25.
Compartment box. K. B. Priester. 2,569,018, Sept. 25.
Compartment door latch. E. N. Jacobi. 2,570,556, Oct. 9.
Compartment for truck bodies, Driver's. J. C. Pope and H. S. Tillinghast. 2,540,214, Feb. 6.
Compartment lock. F. E. Raymond. 2,573,061, Oct. 30.
Compartmented key holder. H. H. Campbell. 2,541,333, Feb. 13.
Compartmented refrigerator door. R. H. Money. 2,576,691, Nov. 27.
Compass. T. M. Ferrill, Jr. 2,542,018, Feb. 20.
Compass. K. Larsen. 2,554,833, May 29.
Compass. A. E. LeVan. 2,552,332, May 8.
Compass. F. E. Vaughen. 2,543,138, Feb. 27.
Compass attachment for wrist watch straps and bands. C. Muehlbauer. 2,541,432, Feb. 13.
Compass, Beam. S. A. Nauheim. 2,579,121, Dec. 18.
Compass, Blackboard. J. Collins, Sr. 2,563,309, Aug. 7.
Compass, Demountable beam. C. M. Woodward. 2,567,265, Sept. 11.
Compass, Drawing. C. L. Fairbanks. 2,557,500, June 19.
Compass, Ellipse. E. W. Mennie. 2,577,905, Dec. 11.
Compass, Ellipse. W. C. Morgan. 2,548,039, Apr. 10.
Compass, Gyromagnetic. C. F. Fragola. 2,574,471, Nov. 13.
Compass indicating system, Earth inductor. N. Marchand. 2,543,034, Feb. 27.
Compass, Level. S. J. Olejniczak. 2,542,561, Feb. 20.
Compass, Magnetic. R. T. Squier and L. E. Dewey. 2,545,830, Mar. 20.
Compass, Magnetic. W. J. D. van Dijck. 2,566,098, Aug. 28.
Compass or dividers, Pivoted. F. E. Rebitzer. 2,552,868, May 15.
Compass, Protractor. W. F. Klemm. 2,542,537, Feb. 20.
Compensated amplifier circuit. W. J. O'Brien. 2,552,809 May 15.
Compensated pipe expansion joint. J. W. McCausland. 2,545,701, Mar. 20.
Compensated plan position indicator. W. A. Higinbotham. 2,573,021, Oct. 30.
Compensating apparatus for elevator hoisting roping. S. G. Margles. 2,537,075, Jan. 9.
Compensating arrangement for transmission lines. S. B. Crary. 2,565,297, Aug. 21.
Compensating for fluid loss in hydraulic transmission systems. C. G. Hebel and E. A. Crawford. 2,540,879, Feb. 6.
Compensating mechanism for motion-picture machines. K. Brenkert. 2,576,713, Nov. 27.
Compensating tracer style unit, Adjustable. H. Klema. 2,557,876, June 19.
Compensator. C. U. Ballard. 2,546,055, Mar. 20.
Compensator for hydraulic systems, Temperature. S. I. MacDuff. 2,551,274, May 1.
Compensator for remote indicating impedance circuits, Mechanical. F. J. Curran. 2,551,585, May 8.
Compensator for slip in variable friction drives. L. S. Brown. 2,540,809, Feb. 6.
Compensator valve. E. A. Rockwell. 2,546,677, Mar. 27.
Completion shoe. P. A. Villafañe. 2,545,504, Mar. 20.
Complex alkali metal-aluminum and alkali metal-iron acid phosphates. G. A. McDonald. 2,550,490, Apr. 24.
Complex chromium azo compound. W. Widmer and J. Brassel. 2,570,084, Oct. 2.
Complex compounds of the platinum group as photographic fog inhibitors. A. P. H. Trivelli and W. F. Smith. 2,566,245, Aug. 28.
Complex Friedel-Crafts catalyst containing aromatic hydrocarbons. R. W. Dornte. 2,554,245, May 22.
Complex signal measuring. S. C. Stribling, Jr., W. T. Douglas, Jr., and F. E. Talmadge. 2,579,160, Dec. 18.
Component resolver for mapping apparatus. R. T. Cloud. 2,544,587, Mar. 6.
Composer's stick. A. L. Gagne. 2,557,821, June 19.
Composing machine, Photographic type. W. S. Curtis. 2,552,880, May 15.
Composing machine, Photographic type. H. R. Freund and F. Stadelmann. 2,552,881–2, May 15.
Composing type lines for reproduction. D. F. Buckingham. 2,539,609, Jan. 30.
Composite article and making it. J. R. Fitzpatrick and A. N. Carstens. 2,551,796, May 8.
Composite article and making it. W. C. Gregory. 2,542,134, Feb. 20.
Composite bearings and other composite machine parts, Manufacture of. F. E. Burger. 2,554,008, May 22.
Composite boards, Producing. P. F. Skoog. 2,572,772, Oct. 23.
Composite bodies of insoluble copolymers and making same. J. L. Amos. 2,537,951, Jan. 16.
Composite card flat F. E. Banfield, Jr. 2,562,998, Aug. 7.
Composite fibrous products and making them. C. S. Francis, Jr. 2,543,101, Feb. 27.
Composite material containing one or more aluminum components, Manufacture of. N. W. Knewstubb and A. M. Jamieson. 2,552,285, May 8.
Composite package. C. C. Adams. 2,542,957, Feb. 20.
Composite photographic or cinematographic pictures, Manufacture of. W. M. Harcourt. 2,575,270, Nov. 13.
Composite powdered metal bearing. J. Haller. 2,571,868, Oct. 16.
Composite refractory and bonding the same. L. W. Austin and J. C. Hicks. 2,537,012, Jan. 9.
Composite rim and manufacturing the same. A. Defosse. 2,539,730, Jan. 30.
Composite scanning system for object location. H. T. Budenbom. 2,556,673, June 12.
Composite sheet material. J. Ulano. 2,576,491, Nov. 27.
Composite stereography. D. F. Winnek. 2,562,077, July 24.
Composite tire chain fastener. R. A. Mank. 2,575,966, Nov. 20.
Composite wire for spraying a nondrawable metal. C. Davidoff. 2,570,649, Oct. 9.
Composition and method for removing oil sludge. M. Weissberg. 2,559,574, July 3.
Composition and process for protecting ferrous metals from rusting in moist air. D. E. Miller. 2,557,509, June 19.
Composition and treatment of drilling fluids. S. E Temple. 2,571,093, Oct. 16.
Composition comprising a polymerized vinyl chloride resin plasticized with monoalkoxyethyl diaryl phosphate esters. H. R. Gamrath and J. K. Craver. 2,557,090, June 19.
Composition comprising a vinyl chloride resin and 3,5-dimethyl Δ4:5-cyclohexene 1,2-di-2-ethylhexyl dicarboxylate. G. L. Fraser. 2,575,011, Nov. 13.
Composition comprising 2-aliphatic-3-hydroxy-1,4-naphthoquinone and controlling mites and aphids. M. Paulshock. 2,572,946, Oct. 30.
Composition for a pencil lead. C. H. Van Dusen, Jr. and O. E. Weissenborn. 2,566,754, Sept. 4.
Composition for addition to cast iron or steel. J. Strauss. 2,555,014, May 29.
Composition for altering physiological processes of livestock and poultry and using same. C. W. Turner and E. P. Reineke. 2,541,447, Feb. 13.
Composition for and method of determining chromate concentrations. H. E. Frank and M. A. Hanson. 2,569,663, Oct. 2.
Composition for and method of inhibiting fungi. G. H. Law and R. H. Wellman. 2,540,170, Feb. 6.
Composition for cleaning metals. J. P. Burke. 2,554,358, May 22.
Composition for control of mite and insect pests. E. E. Kenaga. 2,538,513, Jan. 16.
Composition for control of mite and insect pests. E. E. Kenaga. 2,538,727–9, Jan. 16.
Composition for drilling muds. E. E. Post and W. N. Oldham. 2,579,453, Dec. 25.
Composition for filling the pores of grinding wheels and wheels filled therewith. L. Coes, Jr. 2,544,641, Mar. 13.
Composition for floor and wall covering comprising plasticized vinyl resin and filler and making same. R. K. Petry. 2,558,378, June 26.
Composition for forming a dry, homogeneous, self-adherent lubricating film on metal stock. G. H. Orozco and R. F. Roy. 2,578,585–6, Dec. 11.

Composition for inhibiting sap stain. L. R. Bacon and D. B. Conklin. 2,549,358, Apr. 17.
Composition for making acoustic material. J. Deane. 2,580,076, Dec. 25.
Composition for marking rubber and using composition. C. W. Smith and H. Golden. 2,560,195, July 10.
Composition for preventing fogging or freezing on automobile windshields. R. A. Macklin. 2,539,384, Jan. 30.
Composition for rubber compounding. M. K. Smith. 2,539,491, Jan. 30.
Composition for shrinkproofing and mothproofing woolen textiles. G. L. Royer and C. A. Amick. 2,555,277, May 29.
Composition for the baking of bread. F. F. Hansen. 2,557,283, June 19.
Composition for treating mineral wool. A. E. Budner, A. F. Buckman, and M. M. Rendall. 2,543,487, Feb. 27.
Composition for waterproofing masonry. R. E. Madison and F. A. Fairbrother, Jr. 2,570,827, Oct. 9.
Composition of matter in the nature of paint color base, Producing a. O. Jensen. 2,539,429, Jan. 30.
Composition of tall oil and aromatic oil and making it. E. A. Van Valkenburgh. 2,578,955, Dec. 18.
Compositions and methods using reduction-sensitive vat dyes and inorganic halogenates. J. M. Mecco. 2,548,544, Apr. 10.
Compositions and methods using reduction-sensitive vat dyes and inorganic nitrites. J. M. Mecco. 2,548,543, Apr. 10.
Compositions and processes for printing organic derivatives of cellulose using a mixture of four swelling agents. A. Wiazmitinow and H. Goorhuis. 2,574,806, Nov. 13.
Compositions and removing cations from liquid media. D. G. Braithwaite. 2,538,553. Jan. 16.
Compositions comprising a polymerized vinyl chloride resin plasticized with monoalkyl diaryl phosphate esters. H. R. Gamrath and J. K. Craver. 2,557,089, June 19.
Compositions comprising acrylonitrile and hydrolyzed polyvinyl acetate. H. J. Hagemeyer, Jr., E. L. Oglesby and J. R. Caldwell. 2,569,470, Oct. 2.
Compositions comprising acrylonitrile polymers. M. R. Dalton. 2,540,475, Feb. 6.
Compositions comprising polyacrylonitrile and β,β'-iminodipropionitrile. W. C. Schneider and J. J. Padbury. 2,559,172, July 3.
Compositions comprising vat dyes sensitive to overreduction and dyeing. J. M. Mecco. 2,576,846, Nov. 27.
Compositions consisting essentially of chlorinated meta diphenylbenzene and chlorinated para diphenylbenzene and preparing same. R. L. Jenkins. 2,551,562, May 1.
Compositions containing methylol phenyl ethers. R. W. Martin. 2,579,331, Dec. 18.
Compositions for killing weeds. F. D. Jones. 2,577,969, Dec. 11.
Compositions for treating leather and textiles. A. De Castro and C. E. Retzsch. 2,555,684, June 5.
Compositions for use in treating fibrous materials to impart water repellency. R. R. Burnham, A. T. Anderson, and A. M. Matheson. 2,577,840, Dec. 11.
Compositions of matter comprising halogenated organic compounds. A. M. Ellenburg. 2,573,894, Nov. 6.
Compositions of matter containing epoxy ethers and phosphorus-containing compounds. T. F. Bradley. 2,541,027, Feb. 13.
Compositions of matter containing semiesters of dicarboxylic acids. O. Albrecht. 2,576,897, Nov. 27.
Compositions of matter for producing a softening effect on textiles. O. Albrecht. 2,576,896, Nov. 27.
Compositions of phenol-oil condensates and polyepoxides. S. O. Greenlee. 2,542,664, Feb. 20.
Compound dielectric materials. J. F. Byrne and F. M. Clark. 2,550,452, Apr. 24.
Compound drive. T. M. Cone. 2,568,385, Sept. 18.
Compound escapement with spring mounted mass. J. G. M. Viti. 2,570,170, Oct. 2.
Compound-feeding apparatus. S. M. Martin. 2,579,747, Dec. 25.
Compound lens generator. J. M. Suddarth and H. H. Richarz. 2,556,604, June 12.
Compound of penicillin and cobalt and preparation thereof. R. W. Shortridge. 2,562,152, July 24.
Compound system for liquid refrigerant return. H. A. Phillips. 2,570,979. Oct. 9.
Compounding finely divided solids with butadiene-styrene synthetic rubber latices utilizing alkaline lignin solutions as dispersing agents. W. McMahon. 2,575,061. Nov. 13.
Compounding of reciprocating pumps. G. B. Kitchel. 2,565,374, Aug. 21.
Compounding rubbery polymers. T. A. Te Grotenhuis. 2,538,809, Jan. 23.
Compounding vulcanizable elastomers employing bitumen softeners and resultant vulcanizates. T. A. Bulifant. 2,540,651, Feb. 6.
Compounds with conjugated double bonds, their oxidation products, and preparing same. C. Meystre, P. A. Plattner, and A. Wettstein. 2,566,352, Sept. 4.
Compressed air circuit breaker with a plurality of series connected breaking gaps. H. Forwald. 2,561,191, July 17.
Compressed air jack with safety latch. C. P. Harris. 2,562,493, July 31.
Compressed fluid operated engine. G. Byerley and J. C. King. 2,553,893, May 22.
Compressible bulb operated liquid dispenser. H. A. Dieffenbach. 2,579,909, Dec. 25.
Compressing machine. A. S. Kux. 2,556,475. June 12.
Compressing machine. C. T. Walter. 2,542,739, Feb. 20.
Compressing machine having two pivoted dies closed by reciprocating mount for third die. P. A. Rahaim. 2,541,544, Feb. 13.
Compressing tool. G. K. Hurlbut. 2,556,725, June 12.
Compression by-pass and wrench device. M. E. Barber. 2,543,954, Mar. 6.
Compression cable system. W. A. Del Mar. 2,556,906, June 12.
Compression-connecting terminal member. E. L. Earle, R. P. Arthur, and J. I. Bellamy. 2,559,715, July 10.
Compression extractor. T. S. Watson. 2,538,403, Jan. 16.
Compression link for tractor hitches. O. G. Romig. 2,573,221, Oct. 30.
Compression tool. R. Temple. 2,566,000, Aug. 28.
Compression trigger. J. H. Gartner. 2,551,370, May 1.
Compression valve. F. Hinrichs. 2,544,161, Mar. 6.
Compressor. H. W. Burdett and F. B. Page. 2,548,465, Apr. 10.
Compressor. C. L. Densham. 2,580,006, Dec. 25.
Compressor. R. W. Doeg. 2,559,067, July 3.
Compressor. E. E. Fowler. 2,553,247. May 15.
Compressor. H. R. Gamble. 2,576,876, Nov. 27.
Compressor. A. E. Mitchell. 2,573,863, Nov. 6.
Compressor. O. S. More. 2,551,623, May 8.
Compressor. J. Naab. 2,555,809, June 5.
Compressor. J. Naab. 2,578,199, Dec. 11.
Compressor. A. B. Newton. 2,578,146, Dec. 11.
Compressor. A. E. Schmidlin. 2,562,954, Aug. 7.
Compressor and the like, Fluid. F. Berry. 2,545,600, Mar. 20.
Compressor arrangement for internal-combustion engine exhausting combustion products to another engine. J. E. Johansson. 2,548,609, Apr. 10.
Compressor assembly. O. H. Scheldorf. 2,546,045, Mar. 20.
Compressor, Brake shoe spring. J. Dreeben. 2,540,388, Feb. 6.
Compressor cooling system, Axial flow. S. A. Kane. 2,549,819, Apr. 24.
Compressor, Fluid. W. W. Paget. 2,545,791, Mar. 20.
Compressor, Free piston type internal-combustion. R. J. Welsh and A. B. Fitz Herbert. 2,554,762, May 29.
Compressor, Gas. J. H. Anderson. 2,550,515, Apr. 24.
Compressor gas turbine combustion chamber with rotating and reciprocating valve therein. R. W. Rieck. 2,578,596, Dec. 11.
Compressor head cooling system for refrigerator machines. K. K. Cooper. 2,577,107, Dec. 4.
Compressor, Hermetic refrigerant. J. Touborg. 2,540,062, Jan. 30.
Compressor, Hydraulic brake twin-cylinder. W. L. Davis. 2,559,850, July 10.
Compressor, Liquid seal. J. T. and C. M. Cawley. 2,547,111, Apr. 3.
Compressor, Lubricant. E. M. Foster. 2,540,939, Feb. 6.
Compressor, Multiple-effect. R. L. Jones, Jr. 2,578,139, Dec. 11.
Compressor, Multistage centrifugal. R. M. Watson. 2,578,617, Dec. 11.
Compressor or motor, Movable vane. A. Latham, Jr. 2,536,851, Jan. 2.
Compressor, Piston ring. H. Martin. 2,553,663, May 22.
Compressor, Radial air. W. T. Mixsell. 2,543,923, Mar. 6.
Compressor, Reciprocatory. A. O. Carpenter. 2,574,814, Nov. 13.
Compressor, Refrigerant. B. W. Bogdan. 2,571,820, Oct. 16.
Compressor regulator. W. W. Paget. 2,546,612, Mar. 27.
Compressor, Rotary. L. F. Clerc. 2,562,698, July 31.
Compressor, Rotary air. F. B. Yingling. 2,537,502, Jan. 9.
Compressor supercharging system. J. M. Bartholomew. 2,544,821, Mar. 13.
Compressor terminal seal. M. P. Schlosser. 2,579,973, Dec. 25.
Compressor, Turbine. F. K. Gruss. 2,537,344, Jan. 9.
Compressor unloader. C. W. Metzgar. 2,550,845, May 1.
Compressor unloading valve. M. E. Noe. 2,579,439, Dec. 18.
Compressor with unloading and capacity modulating control, Reciprocating. D. C. Rinehart. 2,555,004, May 29.
Compressor with unloading and capacity modulating control, Reciprocating. R. C. Warneke. 2,555,005, May 29.
Computator. F. J. Pekar. 2,558,457, June 26.
Computer. I. W. Doyle and H. E. Hale. 2,545,655, Mar. 20.
Computer, Aircraft. R. C. Knowles, W. T. White, H. Harris, Jr., E. J. Nagy, and E. B. Hammond, Jr. 2,564,698. Aug. 21.
Computer apparatus. H. Harris, Jr. 2,546,156, Mar. 27.
Computer, Artillery. E. Lakatos and H. G. Och. 2,538,253, Jan. 16.
Computer, Azimuth. J. Hilsenrath. 2,557,965, June 26.
Computer, Bombsight. R. N. Close. 2,576,331, Nov. 27.
Computer, Digital. S. B. Williams. 2,538,636, Jan. 16.
Computer, Electrical. J. E. Taylor. 2,573,626, Oct. 30.

Computer for aviation trainers and the like. H. F. Schaefer, Jr. 2,543,872, Mar. 6.
Computer for grounded aviation trainers, Flight. C. J. Kidder. 2,574,570, Nov. 13.
Computer, Histogram. E. E. Hanson and J. H. Daniel. 2,537,628, Jan. 9.
Computer, Navigational. M. C. Thrash. 2,569,505, Oct. 2.
Computer, Parallel lane. C. B. Watts, Jr. 2,540,150, Feb. 6.
Computer, Percentage and profit. W. H. Raymond and W. H. Harper. 2,555,293, May 29.
Computer, Pressure-pattern navigation. L. B. Hallman, Jr. 2,562,186, July 31.
Computer, Rate responsive gun sight. J. H. Holstein. 2,552,554, May 15.
Computer, Spherical triangle. J. V. Sharp. 2,576,149, Nov. 27.
Computer, Straight-line course. J. B. Gehman. 2,539,616, Jan. 30.
Computer using magnetic amplifier. B. Rossi, H. S. Sack, R. T. Beyer, and G. H. Miller. 2,574,438, Nov. 6.
Computing and recording machine, Key operated elapsed time and earnings. C. B. Hall. 2,545,460, Mar. 20.
Computing apparatus. J. Kreitner. 2,551,440, May 1.
Computing apparatus, Electronic. E. G. Hills. 2,551,740, May 8.
Computing device. C. A. Grant and R. L. Richardson. 2,553,915, May 22.
Computing device. W. C. Morrison. 2,568,927, Sept. 25.
Computing device. R. G. Murdick and A. G. Robbins. 2,556,972, June 12.
Computing device. W. A. Tolson. 2,545,123, Mar. 13.
Computing device for photographic color printing processes of masking type. A. Simmon. 2,573,113, Oct. 30.
Computing linkage. A. Svoboda. 2,544,863, Mar. 13.
Computing machine. G. A. Just. 2,564,575, Aug. 14.
Computing machine, Time. N. O. Bergquist. 2,573,385, Oct. 30.
Computing means. J. M. Anderson, F. M. Exner, and R. E. Haselberger. 2,538,226, Jan. 16.
Computing or indicating apparatus. H. L. Reilly, F. H. Scrimshaw and P. C. Lambert. 2,571,484, Oct. 16.
Concave, Adjustable. H. N. Irvine. 2,577,329, Dec. 4.
Concentrated arc lamp. W. D. Buckingham. 2,543,227, Feb. 27.
Concentrating apparatus. J. A. Cross. 2,554,138, May 22.
Concentrating aqueous acid solutions utilizing combinations of low and high boiling solvents. C. E. Morrell. 2,571,919, Oct. 16.
Concentrating carnotite ores. H. E. Dunn and W. T. Bradley. 2,562,024, July 24.
Concentrating hydrofluoric acid. C. B. Linn. 2,564,910, Aug. 21.
Concentrating hydrogen fluoride. O. M. Hanson and C. B. Linn. 2,568,889, Sept. 25.
Concentrating system for black liquor treating combination. F. W. Hochmuth. 2,555,087, May 29.
Concentrating the iron content of iron ores. V. S. de Marchi. 2,557,059, June 19.
Concentrating yeast slurries. S. L. Baker. 2,546,250, Mar. 27.
Concentration and recovery of carotenoid pigments from palm oil. A. I. Gebhart. 2,572,467, Oct. 23.
Concentration control system. J. K. Farrell and P. A. Keene. 2,576,253, Nov. 27.
Concentration of acetic acid. J. Fiala and T. Ždichynec. 2,549,587, Apr. 17.
Concentration of iron ores. W. L. Sullivan. 2,555,825, June 5.
Concentration of land pebble phosphate. E. W. Greene. 2,571,866, Oct. 16.
Concentration of neovitamin A. C. D. Robeson. 2,552,908, May 15.
Concentration of olefins. M. Savoy. 2,561,822, July 24.
Concentration of organic acids. F. Fortess, A. J. Rosenthal and B. B. White. 2,572,128, Oct. 23.
Concentration of phosphate minerals. R. D. Evans. 2,553,905, May 22.
Concentration of thorium. G. F. Asselin and L. F. Audrieth. 2,578,623, Dec. 11.
Concentration process. H. K. Dice and R. L. Mitchell. 2,570,217, Oct. 9.
Concentrator for minerals in fine sized ranges. T. S. Bailey, Jr. 2,558,724, July 3.
Concentric conductor electric cable with magnetic screen. W. K. Weston and E. Baguley. 2,576,163, Nov. 27.
Concentric shell type hot-air heater. R. J. Boyer. 2,553,168, May 15.
Concrete and making, Refractory. R. T. Giles. 2,537,218, Jan. 9.
Concrete block machine ejector mechanism. W. G. Schutt. 2,565,001, Aug. 21.
Concrete block mold. E. T. Tomlinson. 2,541,950, Feb. 13.
Concrete block molding form. B. F. Dimock. 2,550,977, May 1.
Concrete block molding machine. S. Flam. 2,562,541, July 31.
Concrete blocks, Process and apparatus for making. B. W. Chittenden. 2,544,488, Mar. 6.
Concrete building block construction, Interlocked. F. J. Schultz. 2,539,868, Jan. 30.
Concrete fence post. C. W. Bailey. 2,578,165, Dec. 11.
Concrete form. J. W. McDonnell. 2,556,594, June 12.
Concrete form. J. H. Rosenblatt. 2,544,110, Mar. 6.
Concrete form spreader, Adjustable. H. G. and N. Sachleben. 2,557,693, June 19.
Concrete hardening compositions of the metal salt type. I. Silverman and A. Moscowitz. 2,575,599, Nov. 20.
Concrete mixer. J. C. Ahearn. 2,563,669, Aug. 7.
Concrete mixer. R. M. Selby. 2,547,500, Apr. 3.
Concrete mixer water injection device. L. G. Hilkemeier. 2,537,585, Jan. 9.
Concrete mold. G. S. Platt. 2,555,455, June 5.
Concrete pipe mold. J. Boucher. 2,559,846, July 10.
Concrete pipes, Manufacture of reinforced. A. Laurent. 2,569,612, Oct. 2.
Concrete screed legs. P. W. Cox, Sr. 2,551,826, May 8.
Concrete structure and making same. R. E. Davis. 2,546,982, Apr. 3.
Concrete transporting body. I. Warner. 2,544,202, Mar. 6.
Concrete wall form and molding concrete walls. L. R. Crouch. 2,562,299, July 31.
Concurrent dealkylation of aromatic hydrocarbons and dehydrogenation of naphthenic hydrocarbons. J. H. McAteer and C. E. Morrell. 2,577,788, Dec. 11.
Condensation of aldehydes. L. W. Harris. 2,572,141, Oct. 23.
Condensation of alkyl aryl ethers with alpha-halogen alkanals. C. E. Johnson and C. E. Adams. 2,560,173, July 10.
Condensation of alkylated naphthalene with a sulfur oxyhalide in presence of Friedel-Crafts catalyst and mineral oil compositions containing same. E. P. Cashman and E. Lieber. 2,549,425, Apr. 17.
Condensation of dihaloalkylaminobenzoates with aminohydroxypyrimidine. D. I. Weisblat and B. J. Magerlein. 2,560,617, July 17.
Condensation of o,o-diesters of dithiophosphoric acid and aliphatic alcohols or mercaptans with higher aliphatic aldehydes. E. O. Hook and P. H. Moss. 2,565,921, Aug. 28.
Condensation of polyhydric phenols and polyhydric alcohols. E. S. Blake. 2,544,292, Mar. 6.
Condensation of saturated hydrocarbons with chloroolefins. L. Schmerling. 2,562,369, July 31.
Condensation of siloxanes. J. F. Hyde. 2,542,334, Feb. 20.
Condensation process for preparing pyrimidines. T. E. Robbins. 2,539,480, Jan. 30.
Condensation products from an aryloxytriazine, Preparing. F. C. Schaefer and D. H. Church. 2,545,049, Mar. 13.
Condensation products from polyethylenic-unsaturated aldehyde adducts, derivatives thereof, and producing the same. R. R. Whetstone, W. J. Raab, and S. A. Ballard. 2,568,426, Sept. 18.
Condensation products, Manufacture of. W. Huber and A. Businger. 2,540,116, Feb. 6.
Condensation products, Manufacture of. P. M. Ruedrich. 2,556,108, June 5.
Condensation products of aromatic hydrocarbons and symmetrical dichloroacetone and producing same. J. T. Pinkston, Jr. 2,551,050, May 1.
Condensation products of ethylene and rubber. J. P. West. 2,556,158, June 12.
Condensation products of 4-aminoantipyrine and the chloroethoxy benzaldehydes. G. H. Coleman. 2,568,580, Sept. 18.
Condensation products of naphthoquinone imines and making same. V. Kartaschoff. 2,553,046, May 15.
Condensation products of silicon halides with chlorwax-naphthalene and chlorwax-phenol. E. Lieber and E. P. Cashman. 2,560,355, July 10.
Condensation products of tertiary alkyl mercaptans and alkylene oxides. L. T. Eby. 2,570,050, Oct. 2.
Condensation products of the naphthoquinone-imine series. V. Kartaschoff and E. Merian. 2,553,049–50, May 15.
Condensation products of unsaturated ether-aldehydes, polymers thereof, and producing the same. P. A. Devlin, R. R. Whetstone, and E. C. Shokal. 2,561,613, July 24.
Condensation products of ureides and formaldehyde. H. Jones and J. K. Aiken. 2,574,040, Nov. 6.
Condensation pump. R. E. Cortright. 2,572,449, Oct. 23.
Condenser: *See*—
Adjustable transmitter condenser.
Direct-current electrolytic condenser.
Electric condenser.
Electrical condenser.
Electrolytic condenser.
Enclosed variable condenser.
High-voltage condenser.
Laminated electric condenser.
Liquid measuring condenser.
Punch tape sensing condenser.
Variable condenser.
Variable electrical condenser.
Condenser. J. M. Cage. 2,569,655, Oct. 2.
Condenser. R. H. Caldwell. 2,556,838, June 12.
Condenser. D. D. Jones. 2,564,784, Aug. 21.
Condenser. W. Kals. 2,570,247, Oct. 9.
Condenser assembling machine. J. S. Burge and D. E. Key. 2,572,312, Oct. 23.
Condenser assembly. J. R. Mazzola. 2,547,085, Apr. 3.

Condenser for fractionating columns, Reflux. R. J. Askevold and C. M. Thacker. 2,538,957, Jan. 23.
Condenser for use on alternating-current devices, Electrolytic. R. M. Brennan. 2,579,250, Dec. 18.
Condenser mounting clip. G. V. Peck. 2,541,828, Feb. 13.
Condenser mounting means, Adjustable electrical. W. T. Brown and L. C. Girardot. 2,568,715, Sept. 25.
Condenser rotor shaft, Insulated multisection. B. N. Fisher. 2,548,713, Apr. 10.
Condenser unit, Protective filter. P. B. Blanchard. 2,545,760, Mar. 20.
Condenser with fixed electrodes, Variable. C. de Lange. 2,541,749, Feb. 13.
Condensers, Making high voltage. G. H. Williams. 2,559,141, July 3.
Condensers, Making molded. A. Di Giacomo. 2,577,005, Dec. 4.
Condensers, Manufacturing electric. P. Dénes. 2,556,257, June 12.
Condensing aromatic amine thiocyanate with an aldehyde. W. H. Hill. 2,563,838, Aug. 14.
Condensing stereoscopic lens. S. E. Garutso. 2,546,995, Apr. 3.
Condensing vapor streams. J. W. Packie. 2,557,682, June 19.
Condensing vapors. S. T. Hadden. 2,555,287, May 29.
Condiment. W. A. Miller. 2,543,250, Feb. 27.
Condiment holder supporting bracket. R. I. Anderssen. 2,579,895, Dec. 25.
Condition control apparatus with multipoint calibration. A. B Chudyk. 2,562,890, Aug. 7.
Condition control system with stepped response. F. A. Hansen and O. Fryxell. 2,540,728, Feb. 6.
Condition controlling apparatus. J. M. Wilson. 2,579,716, Dec. 25.
Condition-responsive apparatus for calling preselected telephone numbers. M. Ravera. 2,542,880, Feb. 20.
Condition responsive control for clothes driers and the like. V. Weber and R. F. Garner. 2,564,867, Aug. 21.
Condition-responsive system. C. H. Odell and R. B. Lewthwaite. 2,578,447, Dec. 11.
Conditioning granular and like materials. R. C. Crandall. 2,567,472, Sept. 11.
Conditioning plant for molding sand. J. Boucher. 2,553,234, May 15.
Conditioning rotatable grinding wheels. W. W. Broughton. 2,541,912, Feb. 13.
Conditioning water, Method and apparatus for. L. O. Gunderson. 2,570,115, Oct. 2.
Conductance meter. W. A. McCool. 2,547,650, Apr. 3.
Conducting an endothermic chemical reaction involving both gaseous and solid feed materials. V. F. Parry. 2,572,051, Oct. 23
Conducting high-temperature conversions. L. P. Evans. 2,543,005, Feb. 27.
Conducting hydrocarbon conversion reactions, Method and apparatus for. E. V. Bergstrom. 2,548,286, Apr. 10.
Conducting ion exchange operations, Method and apparatus for continuously. E. B. Fitch. 2,572,848, Oct. 30.
Conducting reactions in the presence of a solid material. J. A. Crowley, Jr. 2,574,247, Nov. 6.
Conducting rubber heating element. R. A. York and C. H. Taylor. 2,575,987, Nov. 20.
Conductivity cell. G. L. Borell and M. I. Nystuen. 2,560,209, July 10.
Conductor. I. W. Edwards. 2,579,227, Dec. 18.
Conductor and compressible insert connector means therefor. W. J. Turenne. 2,549,647, Apr. 17.
Conductor for electron discharge devices, Lead-in. O. H. Fulton, Jr. 2,536,636, Jan. 2.
Conductor for railway motors, Ventilated electrical. W. W. Peters. 2,548,614, Apr. 10.
Conductor guide in insulating machine. W. C. Ewaldson. 2,543,525, Feb. 27.
Conductor installation and fastener therefor, Electrical. F. S. Sampson. 2,551,970, May 8.
Conductor pipe hanger. O. B. Coons and H. P. Dukes. 2,547,813, Apr. 3.
Conductor plug and spool, Combined. E. M. Kennedy. 2,561,740, July 24.
Conductor splices, Making. J. O. Hamilton. 2,536,173, Jan. 2.
Conductor workpiece, Mineral insulated. E. G. L. Roberts. 2,580,244, Dec. 25.
Conduit and retaining means. W. A. Sherbrooke. 2,561,540, July 24.
Conduit bender. H. Blythe. 2,537,254, Jan. 9.
Conduit box. J. Desloge. 2,538,088, Jan. 16.
Conduit box cover. P. J. Falson. 2,574,382, Nov. 6.
Conduit construction. N. H. Schultz. 2,550,725, May 1.
Conduit, Flexible. A. E. Brickman. 2,550,669–70, May 1.
Conduit for electrical connections and outlet terminals. R. C. Glover. 2,547,385, Apr. 3.
Conduit hanger. E. B. Atkinson. 2,567,463, Sept. 11.
Conduit pipe. W. H. Stout. 2,552,599, May 15.
Conduit system. W. S. McLeish. 2,567,521, Sept. 11.
Condyle position indicating apparatus. C. F. Tully. 2,574,427, Nov. 6.
Cone clutch members, Production of. C. S. Batchelor and F. C. Stanley. 2,559,747, July 10.
Cone grip lock nut. R. F. Donovan. 2,576,579, Nov. 27.
Cone grip lock nut. J. Summers. 2,575,641, Nov. 20.
Confection and making same, Frozen. C. H. Minster. 2,558,453, June 26.
Confection making apparatus. M. B. Rasmusson. 2,559,463, July 3.
Confectionery article. K. A. Bevington. 2,564,049, Aug. 14.
Confectionery extruding apparatus. L. W. Mahle. 2,542,691, Feb. 20.
Confectionery, Method and apparatus for making. J. J Alikonis. 2,536,340, Jan. 2.
Confections, Frozen. L. H. Burt. 2,548,865, Apr. 17.
Conical truss differential case. L. R. Buckendale. 2,561,335, July 24.
Connecting a disposal and a sewer line. M. C. Nottingham. 2,537,232, Jan. 9.
Connecting a trailer to a draft vehicle. D. B. Avery. 2,576,383, Nov. 27.
Connecting and switching device. E. Perdijon. 2,561,752, July 24.
Connecting articles with a graded coating of glass, Method and apparatus for. V. L. Plagge. 2,571,608, Oct. 16.
Connecting collapsible tubes to a pump device for discharging the contents thereof. F. G. Gates. 2,575,870, Nov. 20.
Connecting device at crossbar switch for selection of connecting links. K. A. Lundkvist. 2,575,882, Nov. 20.
Connecting means for lighting fixture louver frames. M. H. Kruger. 2,559,640, July 10.
Connecting means for use in ophthalmic mountings. E. M. Splaine. 2,563,429, Aug. 7.
Connecting member with forked ends. F. Schaefer. 2,544,398, Mar. 6.
Connecting rod bearing retainer. W. A. Flynn. 2,562,352, July 31.
Connecting rod bearing support. J. E. Blanding. 2,539,227, Jan. 23.
Connecting rod joint. G. I. Danly and V. Georgeff. 2,573,549, Oct. 30.
Connecting sleeve for burners and hot-blast stoves. C. M. Guy. 2,546,442, Mar. 27.
Connecting switch device. W. W. Turner. 2,571,794, Oct. 16.
Connection box for tabulators, Flexible. U. L. G. Balde. 2,569,879, Oct. 2.
Connection for child's toilet seat, Detachable. E. Bergman. 2,556,252, June 12.
Connection for drilling machines and the like, Feed sleeve. F. H. Mueller and J. J. Smith. 2,549,702, Apr. 17.
Connection for precast concrete girders and beams. A. Henderson. 2,580,174, Dec. 25.
Connection for precast concrete members, Beam. A. Henderson. 2,569,669, Oct. 2.
Connection for shaker conveyers, Articulated. R. D. Budd. 2,537,964, Jan. 16.
Connection means for a windshield wiper blade and arm unit. J. W. Anderson. 2,548,090, Apr. 10.
Connections and circuits and their manufacture, Electrical. J. A. Leno. 2,547,022, Apr. 3.
Connections in drill pipe strings, Flexible. E. B. Powell. 2,536,216, Jan. 2.
Connector: *See*—
- Angularly adjustable wire to bar connector.
- Battery terminal connector.
- Bus bar connector.
- Cable connector.
- Convertible male and female electrical connector.
- Detachable connector.
- Detachable fishhook connector.
- Electric outlet box connector.
- Electric plug connector.
- Electrical conductor connector.
- Electrical connector.
- Electrical junction box connector.
- Embossed sheet metal service connector.
- Frame connector.
- Grease gun coupling connector.
- Hermetically sealed connector.
- Hose connector.
- Hot clamp connector.
- Hot line connector.
- Junction box cable connector.
- Line fit connector.
- Locking electrical connector.
- Miniature railway connector.
- Multiple connector.
- Outlet box connector.
- Outlet plug connector.
- Pipe connector.
- Plug and socket electric connector.
- Pump connector.
- Quick-acting tensioning connector.
- Rail connector.
- Self-locking electrical connector.
- Separable connector.
- Soft tubing connector.
- Solderless connector.
- Spade type electric connector.
- Spring clamp connector.
- Strip terminal connector.
- Submersible type insulated connector.
- Terminal connector.
- Terminal socket electrical connector.
- Two-piece electrical connector.
- U-bolt connector.
- Wedge lock beam connector.
- Wiper blade connector.
- Wire connector.
- Wire splice connector.

Connector. L. A. Blackburn. 2,544,484, Mar. 6.
Connector. J. C. Macy. 2,543,415, Feb. 27.
Connector. R. L. Sanders. 2,542,579, Feb. 20.
Connector and clamp, Combined hose. R. W. Freeman. 2,560,565, July 17.

Connector and contact shoe unit for toy electric railways, Third-rail. S. I. Berger. 2,543,091, Feb. 27.
Connector and gap plate, Conveyer end. G. T. Smith. 2,536,961, Jan. 2.
Connector and making same, Linked. W. H. Nordenson and W. W. McCaw. 2,579,394, Dec. 18.
Connector and making the same, Electrical. F. J. Sowa. 2,551,299, May 1.
Connector bar. W. R. Scherer. 2,547,413, Apr. 3.
Connector block for bus ducts, Electrical. M. E. Bowers. 2,569,223, Sept. 25.
Connector block with strain relief. H. H. Miller. 2,544,343, Mar. 6.
Connector device. S. B. McKenzie. 2,578,723, Dec. 18.
Connector for attaching back-splash panels to counter tops. I. J. Pearson. 2,570,850, Oct. 9.
Connector for bracelets or the like, Extensible. S. Ritter. 2,542,358, Feb. 20.
Connector for connecting a blade to a windshield wiper arm. E. C. Abdelnour. 2,539,219, Jan. 23.
Connector for dynamoelectric machines. C. L. Hamm. 2,570,800, Oct. 9.
Connector for electric circuits. L. Day. 2,555,683, June 5.
Connector for electric cords. M. C. Richardson. 2,567,783, Sept. 11.
Connector for fluid cooled transformer windings, Electrical. H. A. Strickland, Jr. 2,556,235, June 12.
Connector for high-frequency transmission lines, Coaxial. H. M. Wilson. 2,548,457, Apr. 10.
Connector for solid dielectric type coaxial lines, Electrical. K. Eriksen and C. W. Concelman. 2,552,414, May 8.
Connector for spark plugs, Shielded electrical. N. J. Lituchy. 2,550,014, Apr. 24.
Connector for Venetian blinds, Drive-in. J. W. Dunn. 2,554,326, May 22.
Connector for watch straps, bracelets, or the like. S. Gerstenblith. 2,554,184, May 22.
Connector for wrist watches. K. C. Augenstein. 2,549,410, Apr. 17.
Connector having a locking ring camming the members into the engaged and disengaged positions. P. A. Souriau. 2,561,677, July 24.
Connector having a resiliently biased automatic latch, Electrical. E. S. Child. 2,572,448, Oct. 23.
Connector having an automatic locking sleeve. E. C. Quackenbush. 2,567,727, Sept. 11.
Connector having an indented solder wall, Socket. W. A. Uline. 2,563,761, Aug. 7.
Connector having fingers of tapered thickness, Electrical socket. W. A. Uline 2,563,760, Aug. 7.
Connector having resilient insert, Electrical. W. A. Uline and H. P. Rowell. 2,563,762, Aug. 7.
Connector having resilient inserts, Electrical. J. R. Frei and W. A. Uline 2,563,712–13, Aug. 7.
Connector lug. E. Gregory. 2,559,423, July 3.
Connector of the clamping type, Electric cable. J. F. Conrad. 2,549,665, Apr. 17.
Connector of the trolley tap type, Electrical. J. F. Conrad. 2,574,816, Nov. 13.
Connector plug. S. J. Wyglendowski. 2,542,609, Feb. 20.
Connector structure for taillights. J. C. Laizure. 2,546,226, Mar. 27.
Connector switch for telephone systems. P. Bakker. 2,542,272, Feb. 20.
Connector terminal for shielded cable, Grooved. M. R. Friedberg and T. R. Finke. 2,552,313, May 8.
Connector with hard particle lining. I. F. Matthysse. 2,576,528, Nov. 27.
Connector with pressure sealing, Coaxial. R. J. Melcher. 2,552,686, May 15.
Connector with tang and groove interlock, Electrical. S. J. Skony. 2,559,174, July 3.
Connectors, Making electrical. D. C. Hubbard. 2,546,395, Mar. 27.
Consecutive blank column detector. C. R. Doty. 2,573,317, Oct. 30.
Constant current open circuit protective system. P. H. Houser and J. Peterson. 2,561,202, July 17.
Constant current regulating circuit. R. L. Alder. 2,551,407, May 1.
Constant current regulator. W. J. Holt, Jr. and D. L. Whiteside. 2,552,042, May 8.
Constant frequency cavity device. R. L. Carnine and R. H. Bitter. 2,553,811, May 22.
Constant frequency control for high-frequency heating apparatus. E. Mittelmann. 2,545,296, Mar. 13.
Constant mesh transmission. R. G. Le Tourneau. 2,553,376, May 15.
Constant pressure centrifugal pump. G. W. Ely. 2,574,631, Nov. 13.
Constant pressure inlet for mass spectrometers. H. W. Washburn. 2,569,032, Sept. 25.
Constant tension drive for web reels. J. A. L. Rebut and P. Cherigié. 2,563,660, Aug. 7.
Constant tension nut stop. E. R. Lockwood. 2,545,927, Mar. 20.
Constant velocity joint. E. B. Anderson. 2,579,356, Dec. 18.
Constant velocity joint. R. B. Ransom. 2,559,563, July 3.
Constant velocity universal joint. F. W. Sampson. 2,574,226, Nov. 6.
Constant velocity universal joint. N. Trbojevich. 2,578,763, Dec. 18.
Constant velocity universal joint. S. G. Wingquist. 2,551,779, May 8.
Constant voltage positive bias supply. C. F. Hobbs and N. B. Saunders. 2,575,107, Nov. 13.
Constant voltage power supply. R. O. Whitesell. 2,542,852, Feb. 20.
Constructing electric heaters. I. W. Cox. 2,568,846, Sept. 25.
Constructing eyeglass shields. H. Obertrifter. 2,564,210, Aug. 14.
Constructing frostproof window sashes. G. T. Johnson. 2,551,950, May 8.
Constructing piles or piers for foundations. P. J. M. T. Allard. 2,555,951, June 5.
Construction and mounting of fuel burner nozzles, especially for gas turbines and like apparatus. G. B. R. Feilden. 2,575,264, Nov. 13.
Construction for billfolds, Coinpurse. L. G. Mueller. 2,557,836, June 19.
Construction for billfolds, End section. D. J. Broughton. 2,552,932, May 15.
Construction for connecting wire members together and producing and assembling the same. R. R. Leven. 2,574,572, Nov. 13.
Construction for stoves. D. P. O'Keefe. 2,536,513, Jan. 2.
Construction for tractors, Final drive. R. G. Le Tourneau. 2,557,444, June 19.
Construction materials from wood and other vegetable fibers, Production of. H. E. Bowers. 2,548,095, Apr. 10.
Construction of a cutoff wall. T. Ognibene. 2,539,670, Jan. 30.
Construction of buffing wheels. H. H. Bahr. 2,559,385, July 3.
Construction of electric motors and generators. G. H. Treat. 2,548,133, Apr. 10.
Construction of flexible pipe couplings. G. F. Hauf. 2,546,096, Mar. 20.
Construction of hot-water tanks. F. W. Lauck. 2,565,313, Aug. 21.
Construction of insoles for shoes. J. E. Gates. 2,537,823, Jan. 9.
Construction of pipes, tanks, and the like, Leakproof. C. Dobell. 2,544,828, Mar. 13.
Construction of seats. J. E. L. Marshall. 2,560,969, July 17.
Construction unit, Building. N. Gabo. 2,549,189, Apr. 17.
Consumer type container. L. C. Brooks. 2,577,305, Dec. 4.
Contact actuating mechanism. C. W. McWilliams. 2,538,188, June 26.
Contact assembly. J. D. Kleis and G. Halverson. 2,547,947, Apr. 10.
Contact bank for 25-point 10-wiper rotary switches. K. W. Graybill and H. Sengebusch. 2,575,806, Nov. 20.
Contact construction for circuit interrupters such as fuses. S. I. Lindell. 2,578,255, Dec. 11.
Contact device. M. F. and R. C. Jones. 2,547,214, Apr. 3.
Contact device for electric contactors, Auxiliary. R. T. Basnett. 2,545,986, Mar. 20.
Contact gauge and guide, Opposed. M. Mennesson. 2,571,917, Oct. 16.
Contact masses, Method and apparatus for preparation of. H. A. Shabaker. 2,541,109, Feb. 13.
Contact mechanism for automatic circuit breakers and similar electrical switchgear. E. Besag, W. E. Hill, and T. D. G. Wintle. 2,569,281, Sept. 25.
Contact member for electronic tubes. W. W. Watrous, Jr. 2,538,609, Jan. 16.
Contact mounting. G. Halverson and J. D. Kleis. 2,575,808, Nov. 20.
Contact plate construction. W. Kittel. 2,568,749, Sept. 25.
Contact protection. A. M. Curtis. 2,572,598, Oct. 23.
Contact spring assembly or the like and producing the same. S. D. Vigren and N. E. F. Holmqvist. 2,574,134, Nov. 6.
Contact structure for electric switches. R. P. Ballou and D. F. Daly. 2,546,663, Mar. 27.
Contact structure for periodic switches, Adjustable. D. O. Nelson. 2,557,197, June 19.
Contact tower reactor for vapor phase nitration. L. A. Stengel and R. S. Egly. 2,575,855, Nov. 20.
Contacting apparatus. C. S. Kelley and S. D. Lawson. 2,539,142, Jan. 23.
Contacting apparatus. C. J. Ryant, Jr. 2,575,186, Nov. 13.
Contacting device for controlling the igniting circuit of a mainspring-driven, dynamo-electrical igniting device. K. Schaffler-Glössl. 2,563,494, Aug. 7.
Contacting device for moving wires. B. B. Scott. 2,568,466, Sept. 18.
Contacting finely divided solids with gases. J. C. Munday. 2,539,263, Jan. 23.
Contacting fluid solids with gases, Process and apparatus for. W. F. Rollman. 2,575,297, Nov. 13.
Contacting gaseous materials with fluidized solids. H. P. Wickham and J. W. Moorman. 2,562,225, July 31.
Contacting gases and solids. W. J. Degnen and L. R. Hill. 2,548,875, Apr. 17.
Contacting gases with particle form solid material, Method and apparatus for. L. P. Evans. 2,546,634, Mar. 27.
Contacting solid particles and gaseous fluids. W. Squires, Jr., and L. L. Zahn, Jr. 2,556,301, June 12.

Contacting solids and liquids, Method and apparatus for. A. Smet. 2,569,199, Sept. 25.
Contacting subdivided solid particles with a fluid reactant stream, Method and apparatus for. F. W. Leffer. 2,541,077, Feb. 13.
Contactor with start and stop and hold-in switches, Electromagnetically actuated. H. J. Hammerly. 2,551,373, May 1.
Container: *See*—
Absorbent glass container.
Ammunition container.
Applicator stick container.
Article isolating shipping container.
Automatic opening and closing container.
Bottler container.
Bottling or dispensing container.
Brush container.
Built-up container.
Carboy container.
Carrying container.
Cellular container.
Cigarette container.
Cigarette package container.
Coin container.
Collapsible container.
Collapsible disposable container.
Collapsible heat-insulated container.
Collapsible pallet type container.
Consumer type container.
Crushable container.
Dispensing and disposing tissue container.
Dispensing container.
Display container.
Display shipping container.
Double-wall paper container.
Dripless container.
Dual compartment liquid holding and dispensing container.
Dual container.
Filter cartridge container.
Fishing tackle container.
Foil container.
Food container.
Frozen food container.
Garment container.
Heavy-duty fiber container.
High-pressure container.
Hinged container.
Hooded food container.
Insecticide container.
Insulated container.
Key container.
Knockdown shipping container.
License and key container.
Lined waterproof container.
Lipstick container.
Live fish bait container.
Lunch box container.
Moisture-destructible container.
Money storage container.
Moth repellent and deodorant container.
Mounted sectional container.
Multiple spout container.
Nonrefillable container.
Nursing container.
One-piece paper container.
Packing and storage container.
Pallet type container.
Paper container.
Parachute container.
Playing card container.
Portable liquefied gas container.
Portable liquid container.
Postage stamp container.
Potted plant container.
Pour container.
Pressure holding and dispensing container.
Pump container.
Quick emptying, movably mounted, spring-loaded supply container.
Razor blade dispensing container.
Reciprocating trap chamber dispensing container.
Re-usable container.
Sealing container.
Sectional container.
Selectively evacuated temperature regulated container.
Self-cooling container.
Shielded container.
Shipping container.
Spool container.
Steel bottle container.
Synthetic rubber garbage container.
Temperature - preserving article container.
Thermally insulated container.
Trash container.
Truck end container.
Tubular dispensing container.
Waste container.
Wire coil container.
Wire container.
Container. H. S. Aikman. 2,556,568, June 12.
Container. D. P. Anschicks. 2,563,508, Aug. 7.
Container. W. H. Ayres. 2,558,723, July 3.
Container. E. R. Blair. 2,564,667, Aug. 21.
Container. L. C. Brooks. 2,577,304, Dec. 4.
Container. H. H. Brown. 2,563,455, Aug. 7.
Container. W. L. Collins. 2,562,261, July 31.
Container. E. del Buttero. 2,546,983, Apr. 3.
Container. R. M. Dunning. 2,558,940, July 3.
Container. J. P. Dwyer. 2,561,504, July 24.
Container. W. W. Faris. 2,543,839, Mar. 6.
Container. M. C. Fox and C. C. Howes. 2,555,031, May 29.
Container. R. T. Frieders and J. P. Strange, Jr. 2,551,324, May 1.
Container. J. M. Gordon. 2,550,804, May 1.
Container. W. H. Gushard and J. J. Staiti. 2,538,684, Jan. 16.
Container. R. Guyer. 2,536,442, Jan. 2.
Container. J. H. Herrick and J. P. Pancoast. 2,547,005, Apr. 3.
Container. G. D. Jansen. 2,547,395, Apr. 3.
Container. F. D. Jones, T. O. Welindt, L. C. Garrett, and G. B. Hill. 2,554,531, May 29.
Container. T. T. Logie. 2,550,362, Apr. 24.
Container. W. W. Maher. 2,551,615, May 8.
Container. E. L. Marshall and R. J. Hartel. 2,541,595, Feb. 13.
Container. I. Mastin. 2,574,927, Nov. 13.
Container. L. A. Minton. 2,551,450, May 1.
Container. R. E. J. Nordquist. 2,570,266, Oct. 9.
Container. W. T. Pettit. 2,571,482, Oct. 16.
Container. R. K. Pottle. 2,559,658, July 10.
Container. A. G. Rayburn. 2,572,387, Oct. 23.
Container. H. C. Reeser. 2,568,204, Sept. 18.
Container. F. L. Rushing and B. M. Williams. 2,551,814, May 8.
Container. E. G. Schaefer. 2,579,518, Dec. 25.
Container. E. R. Stephan. 2,548,130, Apr. 10.
Container. K. Stuart and A. B. Wilson. 2,555,380, June 5.
Container. W. E. Taylor and H. W. Schmidt. 2,547,059, Apr. 3.
Container and billfold for physicians, Narcotics. H. H. Kersten. 2,566,452, Sept. 4.
Container and blade-handling device. M. J. Shnitzler. 2,562,513, July 31.
Container and cap therefor. D. P. Loomis. 2,550,572, Apr. 24.
Container and cellular partition unit, Collapsible. W. C. George. 2,549,800, Apr. 24.
Container and closure construction. C. D. Magnesen. 2,556,765, June 12.
Container and closure therefor, Bag-type. F. Lobl. 2,571,144, Oct. 16.
Container and cooler, Food. E. C. Decker. 2,537,656, Jan. 9.
Container and cover, Combined. E. L. Kaffer. 2,557,112, June 19.
Container and cover therefor. B. L. Isaac. 2,572,486, Oct. 23.
Container and dispenser, Cosmetic powder. A. E. Vaughn. 2,562,073, July 24.
Container and dispenser for liquids, Combined. O. E. Ihle and E. J. Kapteyn. 2,559,877, July 10.
Container and dispenser for strip material. C. S. Hough, R. O. Wesley, C. R. Scalingi, and L. B. Gaeke. 2,574,565, Nov. 13.
Container and dispenser, Handkerchief. W. P. Nail. 2,541,933, Feb. 13.
Container and dispenser, Perfume. G. Piccoli. 2,579,202, Dec. 18.
Container and dispenser, Phonograph record. T. W. Christie. 2,555,572, June 5.
Container and dispensing means for the contents thereof, Vacuum packed. A. E. Trout and V. P. Oneto. 2,574,720, Nov. 13.
Container and display kit. W. W. Hilton. 2,558,955, July 3.
Container and handle for razor blades, brushes, or the like, Combination. R. Vogel. 2,570,412, Oct. 9.
Container and lamp holding clip combined, Dry cell. F. J. Shenk. 2,541,941, Feb. 13.
Container and making it, Egg. S. Bergstein. 2,571,408, Oct. 16.
Container and manufacture, Metal. F. L. A'Hearn. 2,576,767, Nov. 27.
Container and packet for emitting noxious fumes therein, Storage. E. A. Miller. 2,545,160, Mar. 13.
Container and pallet. L. J. Daniels. 2,547,112, Apr. 3.
Container and pallet, Thermally insulated. B. E. Del Mar. 2,556,418, June 12.
Container and serving device, Convertible. R. G. Stigler. 2,553,880, May 22.
Container and serving tray, Combination food. C. E. Cooper. 2,539,893, Jan. 30.
Container and shielding therefor. E. H. Benson. 2,547,806, Apr. 3.
Container and sliding closure therefor. I. Green and A. Pitar. 2,574,560, Nov. 13.
Container and stand therefor, Collapsible. B. L. Loventhal. 2,553,377, May 15.
Container and straw, Combined. R. W. Berry. 2,547,362, Apr. 3.
Container and support, Nursing bottle. L. Wells. 2,541,002, Feb. 6.
Container and support therefor, Disposable tissue. L. Rome. 2,564,997, Aug. 21.
Container and supporting rack, Necktie. H. W. Hibbs. 2,569,761, Oct. 2.
Container and toy, Combined. S. P. Midouhas. 2,571,744, Oct. 16.
Container and vehicle, Combination. E. M. D. Forbes. 2,563,108, Aug. 7.
Container antirolling attachment and label. J. Despres. 2,554,018, May 22.
Container assembly. C. E. Christophersen. 2,570,644, Oct. 9.
Container assembly, Compartment. G. E. Eckman. 2,553,559, May 22.
Container attachment for baby strollers. S. C. Stopinski. 2,564,862, Aug. 21.
Container bottom structure. J. H. Cassidy and R. M. Grunden. 2,540,712, Feb. 6.
Container capping apparatus with means to retard actuation of the capping head until the container is stationary under said head. H. A. Rau. 2,556,339, June 12.
Container capping machine. H. R. Ames. 2,578,772, Dec. 18.
Container cleaning machine. L. T. Cookson. 2,568,949, Sept. 25.
Container closure. F. H. Appel. 2,552,923, May 15.
Container closure. H. Z. Gora. 2,543,774–5, Mar. 6.
Container closure. R. A. McLachlan. 2,558,220, June 26.
Container closure. G. W. Parvis, Jr. 2,579,156, Dec. 18.
Container combined with a flashlight, Key. F. M. Duncan. 2,547,816, Apr. 3.

Container construction. J. E. Page. 2,577,148, Dec. 4.
Container construction comprising a perforated plastic lid and a rotatable perforated plastic cap, Sifting. C. C. B. Gowland. 2,569,162, Sept. 25.
Container convertible into a toy, Packaging. A. Behrens. 2,551,089, May 1.
Container cover. H. F. Kolell. 2,572,629, Oct. 23.
Container device. J. Stettner. 2,542,724, Feb. 20.
Container distorting and filling machine. W. E. Flack. 2,557,181, June 19.
Container end assembling machine. R. E. J. Nordquist and H. F. Cox, Jr. 2,578,731, Dec. 18.
Container end structure. H. A. Scott and J. W. Spieker. 2,579,974, Dec. 25.
Container feeding mechanism for capping machines. E. M. Fore. 2,552,950, May 15.
Container filling apparatus with automatically timed filling and conveyor movement means. W. J. Boegly, E. C. Bennett, R. S. Morrison, and C. Powell. 2,559,242, July 3.
Container for aircraft engines, Shipping. C. E. Johansson. 2,549,906–7, Apr. 24.
Container for and process of preserving perishable foodstuffs. C. R. Irons and G. W. Stanton. 2,538,002, Jan. 16.
Container for and process of preserving perishable foodstuffs. G. V. Moore and C. R. Irons. 2,538,025, Jan. 16.
Contaner for blood. A. Cahan. 2,570,639, Oct. 9.
Container for bottles, Insulated. M. Goldwater. 2,573,259, Oct. 30.
Container for cigarette package and match book. E. S. Caldwell. 2,536,722, Jan. 2.
Container for cigarettes and the like, Folded blank. L. I. Lane. 2,541,258, Feb. 13.
Container for coiled wire, Dispensing. G. C. Tinsley. 2,579,131, Dec. 18.
Container for combination of lipstick and brush. C. W. Gardiner. 2,552,714, May 15.
Container for condiment shakers, Electrically heated. R. T. Hill. 2,577,327, Dec. 4.
Container for condiments and the like and sifter cap therefor. A. B. McGinnis. 2,547,590, Apr. 3.
Container for corrosive fluids. R. N. Nason, Jr. 2,574,931, Nov. 13.
Container for cut flowers. D. S. Shinoda. 2,549,023, Apr. 17.
Container for disposable tissues. C. W. Cochran. 2,566,-016, Aug. 28.
Container for electric condensers, Flanged. B. O. N. Hansson. 2,545,661, Mar. 20.
Container for extruded metal shapes, rugs, and the like, Extended length fiberboard. J. R. Belsinger. 2,569,035, Sept. 25.
Container for flowers. G. Teufel. 2,578,271, Dec. 11.
Container for fluid under pressure with separable dispensing unit, Dispensing. D. Michel. 2,562,111, July 24.
Container for hats. G. M. Rickus. 2,540,992, Feb. 6.
Container for hypodermic injection ingredients, Pluricompartment packaging and dispensing. G. H. Seemar. 2,559,231, July 3.
Container for hypodermic needles. Q. W. Goode. 2,557,222, June 19.
Container for liquefied gases, Transport. L. V. Grogan. 2,551,435, May 1.
Container for matches, Dispensing. R. Chemlinski. 2,542,180, Feb. 20.
Container for milk bottles, Clip. P. Pearson. 2,556,439, June 12.
Container for operation with radioactive substances, Safety. E. N. Gilks. 2,551,491, May 1.
Container for paper napkins. R. B. Stevens. 2,547,892, Apr. 3.
Container for paste-like substance having a perforated piston which extrudes said substance when moved axially towards the container bottom. C. W. Le Noir. 2,556,547, June 12.
Container for pastries, Paper. F. O. Wickersham. 2,556,638, June 12.
Container for phonograph records. S. G. Isserstedt. 2,557,436, June 19.
Container for pipe tobacco, Pocket. J. Henchert. 2,571,714, Oct. 16.
Container for resistors or the like. R. N. Baggs. 2,558,920, July 3.
Container for small articles. P. Nicolas. 2,555,757, June 5.
Container for stacked elongated articles, Dispensing. C. K. Shaw, Jr. 2,577,862, Dec. 11.
Container for the preservation of live shellfish. B. E Proctor. 2,563,364, Aug. 7.
Container handling and registering apparatus. J. Magnusson. 2,577,341, Dec. 4.
Container handling machine. S. A. Domack. 2,563,319, Aug. 7.
Container-handling machine for pouring from one container into another. T. L. Buss. 2,543,956, Mar. 6.
Container having a spring-biased curved sliding closure, Dispensing. L. Hermani. 2,575,106, Nov. 13.
Container, having container-puncturing and destroying means, and paste extruder and outlet controller with common actuator, Housing enclosing paste. R. F. Raedecke. 2,556,980, June 12.
Container having cover locking means. F. L. Rushing and B. M. Williams. 2,559,320, July 3.
Container having foamed plastic insulation, Heat insulated. W. L. Morrison. 2,552,641, May 15.
Container having opening means, Merchandise. G. A. Moore. 2,552,340, May 8.
Container having refrigerated partition. W. L. Morrison. 2,540,956, Feb. 6.
Container holder. C. D. Arnold. 2,568,266, Sept. 18.
Container loading machine having automatic carton ejector. E. D. Andrews. 2,578,277, Dec. 11.
Container nestable and contractible pouring spout. I. H. Rieke. 2,561,596, July 24.
Container of laminated plastic sheet materials, Self-sealing. W. M. Saidel. 2,536,773, Jan. 2.
Container opener, Combination. E. E. Cullen. 2,568,612, Sept. 18.
Container or housing, Fishing plug. C. L. Carlson. 2,550,039, Apr. 24.
Container or the like, Cosmetic. R. B. Hopgood. 2,545,848–9, Mar. 20.
Container or the like, Cosmetic. W. G. Thompson and R. B. Hopgood. 2,545,864, Mar. 20.
Container partition and liner unit, Collapsible. W. C. George. 2,549,801, Apr. 24.
Container partition, Collapsible cellular. W. C. George and A. P. Klasing. 2,549,802, Apr. 24.
Container punch, Folding. G. E. Eckman. 2,546,257, Mar. 27.
Container ship. L. D. Smith and R. A. Stearn. 2,539,168, Jan. 23.
Container ship having bridge mounted travel crane. L. D. Smith, R. A. Stearn, and W. S. Stone. 2,555,297, May 29.
Container vise. G. F. Heth. 2,549,084, Apr. 17.
Container with a plug valve and wick feed, Wax. P. S. and T. S. Vosbikian. 2,544,198, Mar. 6.
Container with a spout and puncturing blade hingedly attached, Dispensing. A. Urch. 2,571,798, Oct. 16.
Container with an outlet, a valved, supporting casing for said container, and a conduit from said outlet to said valve, Fluid dispensing. S. Kestenbaum. 2,549,207, Apr. 17.
Container with article-supporting base, Shipping. J. G. Dunneback. 2,546,923, Mar. 27.
Container with bottom dispensing rotor. A. C. Roebuck, Jr. and A. T. Arnold. 2,577,036, Dec. 4.
Container with compressible sealing gasket and pryoff cover. G. C. Erb. 2,567,196, Sept. 11.
Container with display panel. C. G. Berger. 2,544,975, Mar. 13.
Container with elastic strip cell structure. L. M. Dixon. 2,542,640, Feb. 20.
Container with enclosed trap chamber operated by tipping. N. E. Smith. 2,538,336, Jan. 16.
Container with evacuated closure. L. G. Gerson. 2,557,648, June 19.
Container with extensible spout and attaching means therefor. H. G. Vaughn. 2,545,178, Mar. 13.
Container with extensible spout, Liquid. L. A. Sherry. 2,559,202, July 3.
Container with flexible seal covers, Moistureproof. N. S. Waterman. 2,560,376, July 10.
Container with folded top seam. S. Birkland. 2,579,465–6, Dec. 25.
Container with hinged cover, Sealed. M. I. Williamson and H. A. Carruth. 2,543,084, Feb. 27.
Container with integral snapping closure fastener. M. I. Williamson. 2,576,708, Nov. 27.
Container with measuring extension outlets, Dispensing. G. A. Neubeck. 2,554,050, May 22.
Container with mechanism for agitating contents thereof. C. B. Mahan and H. B. McDill. 2,573,470, Oct. 30.
Container with narrow tearing strip. G. C. Erb. 2,536,044, Jan. 2.
Container with puncturing means for sealed cans, Dispensing. E. A. Abraham. 2,575,083, Nov. 13.
Container with ratchet type follower and spring biased closure, Dispensing. C. L. Dumont. 2,557,952, June 26.
Container with replaceable tacky rotary device and having handle forming portions. L. K. Hutchinson. 2,542,774, Feb. 20.
Container with sealing lid. J. G. O'Neil. 2,555,700, June 5.
Container with spring-biased closure having means for dispensing a measured quantity of container contents. A. W. Grote. 2,561,111, July 17.
Container with valved outlet operated by applicator, Perfume. F. C. Lurz. 2,575,180, Nov. 13.
Containers, Making waterproof fibrous. D. M. Sutherland. 2,538,926, Jan. 23.
Containers, Method and apparatus for making. C. W. Buckley and E. P. Bailey. 2,568,382, Sept. 18.
Containers such as suitcases, attaché cases, or like traveling cases, Collapsible. W. T. Cross. 2,538,616, Jan. 16.
Continuous adsorption process. J. L. Olsen. 2,564,717, Aug. 21.
Continuous apparatus for making butter. C. E. North. 2,564,715, Aug. 21.
Continuous centrifugal separator. S. S. C. Fleischer. 2,578,468, Dec. 11.
Continuous classifier for solids. F. T. Kern. 2,561,665, July 24.

Continuous contact filtration. E. V. Bergstrom and G. J. Visconty. 2,572,433, Oct. 23.
Continuous dehydration process. I. M. Colbeth. 2,567,925, Sept. 18.
Continuous determination of fluid mixture compositions. W. B. Milligan. 2,571,470, Oct. 16.
Continuous digestion apparatus for the production of highly purified cellulose. J. J. de la Roza. 2,542,801, Feb. 20.
Continuous distillation and treatment of composite liquids. D. K. Dean. 2,543,001, Feb. 27.
Continuous dough feed. M. Cohen. 2,576,670, Nov. 27.
Continuous drier. L. J. O'Shaughnessy. 2,579,607, Dec. 25.
Continuous electrical outlet. W. S. Perkins. 2,579,854, Dec. 25.
Continuous extractor. D. M. McBean. 2,573,585, Oct. 30.
Continuous feed brake shoe grinding fixture. F. A. Harper and J. M. Graham. 2,574,640, Nov. 13.
Continuous flow, rotary, and inclined fractionating unit. T. R. Smith. 2,575,690, Nov. 20.
Continuous heater. W. D. Kmentt. 2,557,439, June 19.
Continuous hydrocarbon conversion process and apparatus. A. H. Schutte. 2,561,420, July 24.
Continuous industrial filter. E. L. Oliver. 2,548,999, Apr. 17.
Continuous manufacture of viscose products. R. Levison and B. J. Blomberg. 2,566,455–6, Sept. 4.
Continuous method for separating materials by liquid thermal diffusion. A. L. Jones and E. C. Hughes. 2,541,071, Feb. 13.
Continuous method of curing rubber strips. C. H. Beare. 2,554,356, May 22.
Continuous method of producing oxygen involving the use of a thermophore and the purging thereof. P. W. Garbo. 2,537,044, Jan. 9.
Continuous method of washing soap. R. V. Owen. 2,562,207, July 31.
Continuous muller. A. A. Wickland. 2,572,413, Oct. 23.
Continuous process for enhancing the feed value of distillers' slop. J. G. Voss. 2,567,257, Sept. 11.
Continuous process for making sponge rubber. H. A. Toulmin, Jr. 2,549,864, Apr. 24.
Continuous process for manufacture of basic copper ammonium sulfate. P. J. Rowe. 2,536,097, Jan. 2.
Continuous process for manufacture of vinyl chloride. G. E. Baxter. 2,541,022, Feb. 13.
Continuous process for neutralizing fatty acids. V. Mills. 2,578,366, Dec. 11.
Continuous process for polymerizing aliphatic aldehydes. M. F. Quinn and B. K. Bright. 2,571,759, Oct. 16.
Continuous process for producing butter. A. L. Stigen. 2,569,203, Sept. 25.
Continuous process for the manufacture of monodispers coumarone-indene resins. L. M. Geiger. 2,565,222. Aug. 21.
Continuous process for the preparation of alkylated alkylol melamine. A. J. Grossman. 2,537,131, Jan. 9.
Continuous process of producing molded basic magnesium carbonate. A. R. McGarvey. 2,536,073, Jan. 2.
Continuous processes for solvent extraction of oil from oil-bearing materials and refinement of the residual solid product. M. Bonotto. 2,567,179, Sept. 11.
Continuous reading dead-weight pressure gauge. W. K. Dickey and E. C. Rohde. 2,564,470, Aug. 14.
Continuous removal of impurities from refrigerant during a refrigeration process. F. E. Gilmore. 2,551,666, May 8.
Continuous saponification of fats. R. V. Owen. 2,566,359. Sept. 4.
Continuous separator. A. C. Bullen. 2,546,427, Mar. 27.
Continuous strand helical conveying apparatus. E. T. Lorig. 2,576,233, Nov. 27.
Continuous strip metal treatment, Method and apparatus for. J. S. Nachtman. 2,576,074, Oct. 20.
Continuous tumbling mill. D. C. Turnbull. 2,563,084, Aug 7.
Continuous vulcanization apparatus. G. E. Henning. 2,578,354, Dec. 11.
Continuous web or length of sheet material, Production of. W. J. Shrimpton. 2,580,200, Dec. 25.
Continuous welding of pipes and tubes, Method of and apparatus for. I. A. Colby. 2,575,381, Nov. 20.
Continuously acid activating clay. L. Van Horn and L. A. Kahn. 2,563,977, Aug. 14.
Continuously operating pulper. D. E. Jones. 2,567,885, Sept. 11.
Continuously operating variable speed loading mechanism for baking ovens. H. E. Temple. 2,561,542, July 24.
Continuously renewing lithographing printing surfaces by means of the fountain fluid. D. A. Newman. 2,569,488, Oct. 2.
Continuously variable high-voltage power supply. L. M. Schmidt. 2,573,280, Oct. 30.
Continuously variable speed-ratio transmission mechanism and in speed governing means. J. J. Gerritsen. 2,573,258, Oct. 30.
Contour counter. J. T. Potter. 2,580,192, Dec. 25.
Contour cutter. W. C. Schilling. 2,571,952, Oct. 16.
Contour delineating mechanism. N. R. Jennings and N. V. Larson. 2,542,142, Feb. 20.
Contour marker and layout tool. L. E. Ridgeway. 2,569,019, Sept. 25.
Contouring surfaces, Method and apparatus for. J. P. Pearse. 2,558,778, July 3.
Contractile reel. R. W. Emery. 2,555,790, June 5.
Contrast pattern generator. S. Doba, Jr., and J. W. Rieke. 2,580,083, Dec. 25.
Contrivance for determining the degree of beating of fiber mass suspensions. T. G. Qvefiander. 2,546,654, Mar. 27.
Control. E. P. Bullard, III. 2,574,687, Nov. 13.
Control. H. C. Metzger. 2,542,423, Feb. 20.
Control. G. J. Mucher. 2,572,651, Oct. 23.
Control and dial arrangement for multiband tuning units. B. N. Fisher. 2,579,659, Dec. 25.
Control and indicating system for circuit breakers. W. F. Cruess. 2,562,485, July 31.
Control and operating means for paralyzed hands. G. B. Robinson and G. S. Gage, Jr. 2,553,277, May 15.
Control and support connection for helicopter rotor systems. G. and J. R. de Bothezat. 2,569,882, Oct. 2.
Control apparatus. B. W. Brion. 2,548,939, Apr. 17.
Control apparatus. L. Clardy and T. W. Dakin. 2,565,121, Aug. 21.
Control apparatus. L. B. Koontz. 2,549,209, Apr. 17.
Control apparatus. W. Ne Smith. 2,548,997, Apr. 17.
Control apparatus. A. S. Parks. 2,551,334, May 1.
Control apparatus. J. C. Patterson, Jr. 2,571,480, Oct. 16.
Control apparatus. D. H. Siebenthaler. 2,577,435. Dec. 4.
Control apparatus. R. R. Stevens. 2,540,765, Feb. 6.
Control apparatus. R. R. Stevens. 2,545,532, Mar. 20.
Control apparatus. D. G. Taylor. 2,578,026, Dec. 11.
Control apparatus. G. E. Undy. 2,553,019, May 15.
Control apparatus. W. H. Wannamaker, Jr. 2,564,937, Aug. 21.
Control apparatus. R. T. Whitney. 2,580,372, Dec. 25.
Control apparatus. R. F. Wild and F. J. Curran. 2,570,739, Oct. 9.
Control apparatus for aircraft. T. A. Moses, Jr. 2,571,745, Oct. 16.
Control apparatus for centralized traffic control systems of the code type for single track railroads. H. S. Young. 2,549,151, Apr. 17.
Control apparatus for electrical musical instruments, Tone. H. E. Meinema. 2,565,512, Aug. 28.
Control apparatus for internal-combusion engines. H. T. Sparrow and A. B. Chudyk. 2,556,986, June 12.
Control apparatus for internal-combusition engines. H. T. Sparrow and M. G. Lindroth. 2,556,985, June 12.
Control apparatus for periodically operating machines. H. R. Fernbach. 2,548,427, Apr. 10.
Control apparatus for radio-phonograph having magnetic and disk type recording systems. A. Zillger. 2,557,245, June 19.
Control apparatus for railway track switches, Antistorage. T. L. Carlson. 2,545,841, Mar. 20.
Control apparatus for reversible engines. R. T. Whitney. 2,540,771, Feb. 6.
Control apparatus for reversible internal-combustion engines with convertible air starting means. H. M. Linhart. 2,550,931, May 1.
Control apparatus for steam locomotives. R. L. Wilson. 2,549,653, Apr. 17.
Control arrangement for absorption refrigeration systems. A. A. Berestneff and W. L. McGrath. 2,565,838, Aug. 28.
Control arrangement for facsimile apparatus. C. E. Hunt, Jr. 2,571,720, Oct. 16.
Control arrangement for reversible motors, Direction-responsive. K. M. Chappell. 2,565,649, Aug. 28.
Control arrangement for thermionic valve systems. M. K. Taylor, F. C. Williams, and R. H. A. Carter. 2,541,558, Feb. 13.
Control arrangement in carrier current communication systems, Automatic level. B. D. Jacobsen and W. F. Baly. 2,539,426, Jan. 30.
Control bulb for thermal expansion valves. W. L. McGrath. 2,577,902–3, Dec. 11.
Control cable length adjuster. M. Fishbein and M. J. Nagy. 2,537,339, Jan. 9.
Control circuit. G. S. Pfeiffer. 2,563,742, Aug. 7.
Control device. E. L. Baugh. 2,561,555, July 24.
Control device. E. C. Bowar. 2,552,766, May 15.
Control device. E. C. Bowar. 2,556,519, June 12.
Control device. R. E. Cushing and R. L. Swenson. 2,569,456, Oct. 2.
Control device. E. F. Diekhoff. 2,558,610, June 26.
Control device. P. S. Jackson. 2,571,886, Oct. 16.
Control device. O. A. Kehle. 2,542,145, Feb. 20.
Control device. A. I. Keto. 2,538,156, Jan. 16.
Control device. J. R. Long and G. O. Puerner. 2,554,535, May 29.
Control device. J. R. Long and E. L. Stroh. 2,554,534, May 29.
Control device. L. B. Lynn and C. R. Hanna. 2,568,401, Sept. 18.
Control device. R. E. Miller. 2,561,447, July 24.
Control device. W. R. Miller. 2,578,632, Dec. 11.
Control device. N. O. Myklestad. 2,567,890, Sept. 11.
Control device. H. V. Putman, M. G. Leonard, L. N. Grafinger, and J. A. Guidosh. 2,543,422, Feb. 27.
Control device. D. G. Taylor. 2,545,056, Mar. 13.
Control device. J. O. Thorsheim. 2,577,165, Dec. 4.

Control device. C. J. van Loon and W. Beukema. 2,570,015, Oct. 2.
Control device for association with an automatic progression mechanism for repetitive image production. A. R. Kilminster. 2,537,353, Jan. 9.
Control device for convertible tops. J. B. Parsons. 2,564,444, Aug. 14.
Control device for coupled articulated vehicles. C. E. Bishop. 2,564,592, Aug. 14.
Control device for dental engines and the like. H. M. Keckley. 2,561,668, July 24.
Control device for engine fuel systems. L. E. Endsley and J. E. Justus. 2,566,083, Aug. 28.
Control device for heat exchange systems. W. L. Hand. 2,573,663, Oct. 30.
Control device for hydraulic presses. M. M. Berger. 2,570,092, Oct. 2.
Control device for milking machines. A. G. Perkins. 2,576,808, Nov. 27.
Control device for milking machines. A. G. Perkins and R. Du Quette. 2,538,652, Jan. 16.
Control device for milking machines. Albert G. and Alfred G. Perkins. 2,556,596, June 12.
Control device for milking machines. A. G. and W. E. Perkins. 2,545,857, Mar. 20.
Control device for paint brushes. C. J. Nightingale. 2,558,191, June 26.
Control device for power actuated lifts on tractors. H. P. Cordes. 2,540,429, Feb. 6.
Control device for prosthetic hands. M. J. Fletcher. 2,549,792, Apr. 24.
Control device for the power units of aircraft. R. Z. Hague and H. A. Alexanderson. 2,538,777, Jan. 23.
Control device, Hygroscopic. R. T. Squier. 2,543,384, Feb. 27.
Control device, Variable-speed. A. C. de Beauregard. 2,569,658, Oct. 2.
Control element for plural hydraulic motor systems. E. Berger. 2,572,974, Oct. 30.
Control for agricultural field harvesting implements. J. L. Aasland. 2,544,911, Mar. 13.
Control for alarm watches. R. Ditisheim. 2,554,402, May 22.
Control for automatic transmissions. E. J. Farkas. 2,549,073, Apr. 17.
Control for automatic transmissions. R. F. Weeks and E. J. Farkas. 2,536,861, Jan. 2.
Control for automatic washing machines. H. E. Morrison. 2,579,598, Dec. 25.
Control for automatic washing machines. T. T. Woodson. 2,561,257, July 17.
Control for automatically presetting blocks on sawmill carriages. O. N. Hult. 2,574,393, Nov. 6.
Control for cabin pressure regulators. R. A. Arthur. 2,578,773, Dec. 18.
Control for centrifugal compressor systems. R. Birmann. 2,566,550, Sept. 4.
Control for change-speed mechanisms. H. B. Soule and G. W. Smithson. 2,557,896, June 19.
Control for cooling air ejectors. P. J. Campbell. 2,553,131, May 15.
Control for double doors. T. H. Sheehan, Jr. 2,576,703, Nov. 27.
Control for electric blankets. G. H. Allgeyer. 2,548,760, Apr. 10.
Control for enclosed internal-combustion engines. C. J. E. Omeron. 2,569,252, Sept. 25.
Control for feeding devices. L. M. Kelso. 2,556,653, June 12.
Control for grapples. G. G. Morin. 2,577,689, Dec. 4.
Control for helicopter rotors, Automatic. E. A. Stalker. 2,547,721, Apr. 3.
Control for hydraulic motors. T. F. Stacy. 2,568,030, Sept. 18.
Control for internal-combustion engines. F. C. Mock and E. G. Keller. 2,546,902, Mar. 27.
Control for marine motors, Dual. J. J. Dugas. 2,552,001, May 8.
Control for outboard motors. H. P. Henry. 2,563,932, Aug. 14.
Control for oxygen producing apparatus. S. C. Collins and H. O. McMahon. 2,553,550, May 22.
Control for papermaking machines. E. F. and D. E. Lewellen. 2,576,614, Nov. 27.
Control for pneumatic packing systems. T. C. Duvall. 2,544,011, Mar. 6.
Control for power-operated aircraft guns. E. C. M. d'Assis-Fonseca. 2,542,483, Feb. 20.
Control for power-operated slips. M. E. True. 2,545,177, Mar. 13.
Control for presses. T. L. May. 2,559,195, July 3.
Control for refrigerating apparatus. A. B. Newton. 2,553,979, May 22.
Control for servo actuators. E. D. Lilja and D. L. Hall. 2,549,829, Apr. 24.
Control for telemotors. H. W. Link. 2,546,462, Mar. 27.
Control for vehicle braking systems. J. G. Oetzel and J. A. Mason. 2,538,796, Jan. 23.
Control for vehicle signaling devices. C. J. Eades. 2,556,802, June 12.
Control initiator, Hall effect. A. Hansen, Jr. 2,536,806, Jan. 2.
Control lever arrangement for clothes-washing machines. R. E. Sheahan. 2,537,795, Jan. 9.
Control lever mechanism. W. Brown. 2,560,154, July 10.
Control lever mounted on threaded pivot. W. F. Benning. 2,575,379, Nov. 20.
Control means. G. I. Chinn. 2,550,671, May 1.
Control means. L. A. Grimes. 2,537,458, Jan. 9.
Control means. W. Pool. 2,540,286, Feb. 6.
Control means. P. Sitzer and J. W. Welsh. 2,537,485, Jan. 9.
Control means for aircraft, Auxiliary. W. I. Tindall. 2,552,073, May 8.
Control means for dehumidifying apparatus. W. Lou. 2,561,441, July 24.
Control means for dental engines and the like. H. M. Keckley. 2,561,663–4, July 24.
Control means for differential actuators. T. O. Mehan. 2,568,350, Sept. 18.
Control means for heat exchange apparatus. J. E. Woods. 2,580,149, Dec. 25.
Control means for jet propulsion apparatus. M. R. Simmonds. 2,580,365, Dec. 25.
Control means for mower cutter bars. S. E. Hilblom 2,555,541, June 5.
Control means for multiple driven axle vehicles. P. G. Drong. 2,537,400, Jan. 9.
Control means for power units, including internal-combustion engines and gearboxes. W. W. Hamill. 2,564,220, Aug. 14.
Control means for radiation detectors. J. C. Connor and T. Fahrner. 2,571,838, Oct. 16.
Control means for sewing machines. A. Rothenborg, A. H. Eriksson, and B. A. Magnusson. 2,553,211, May 15.
Control means for use with ejection seats of aircraft. J. Martin. 2,569,638, Oct. 2.
Control means for weft ends in looms. R. G. Turner. 2,569,907, Oct. 2.
Control means in absorption refrigeration system. C. C. Coons. 2,557,373, June 19.
Control means, Surf board. S. C. Kluttz. 2,568,549, Sept. 18.
Control mechanism. R. D. Bullard, J. H. Sherwood, and P. M. Geist. 2,575,792, Nov. 20.
Control mechanism. P. L. De Jarlais and H. C. Pratt. 2,558,514, June 26.
Control mechanism. R. M. Flanagan. 2,542,863, Feb. 20.
Control mechanism. C. L. Haller 2,549,461, Apr. 17.
Control mechanism. W. T. Morris. 2,573,044, Oct. 30.
Control mechanism. J. F. Shannon. 2,541,299, Feb. 13
Control mechanism. W. W. Willoughby. 2,539,217, Jan. 23.
Control mechanism. J. S. Wojcik. 2,572,553, Oct. 23.
Control mechanism. Automatic gear. M. L. Johnson. 2,558,180, June 26.
Control mechanism, Food mixer. W. Van Guilder. 2,552,605, May 15.
Control mechanism for absorption type refrigerators. J. G. Mejean. 2,537,475, Jan. 9.
Control mechanism for automatic catheads. O. M. Gahagan. 2,556,267, June 12.
Control mechanism for calculating machines, Visible setting. C. Herzstark. 2,544,426, Mar. 6.
Control mechanism for change-speed gearing, Shift. L. A. Bixby and D. S. Dence. 2,552,765, May 15.
Control mechanism for compasses and calipers. G. V. Nolde. 2,568,559, Sept. 18.
Control mechanism for door latches. E. L. Allen. 2,573,679, Nov. 6.
Control mechanism for electric motors, Fluid operated. J. M. Naul. 2,550,422, Apr. 24.
Control mechanism for fluid motors. J. E. Goodwillie and A. A. Neese. 2,545,921, Mar. 20.
Control mechanism for fluid pressure operated systems. L. A. Majneri. 2,572,270, Oct. 23.
Control mechanism for gas storage tanks, Automatic. R. H. Goddard. 2,544,421, Mar. 6.
Control mechanism for helicopter rotors. Pitch. F. W. Caldwell. 2,557,338, June 19.
Control mechanism for hydraulic cutter operating and carriage shifting motors of machine tools. F. G. Zagar. 2,550,649, Apr. 24.
Control mechanism for hydraulic pumps. J. S. Pilch. 2,544,805, Mar. 13.
Control mechanism for machines for panning bread and like doughs. I. M. Archer. 2,536,250, Jan. 2.
Control mechanism for motor vehicles. P. C. Morris. 2,547,593, Apr. 3.
Control mechanism for oil-burning space heaters. E. D. Hillebrand and J. R. Fulmer. 2,550,478, Apr. 24.
Control mechanism for phonographs. H. Norén. 2,566,462, Sept. 4.
Control mechanism for presses. A. Eppler, Jr. 2,563,104, Aug. 7.
Control mechanism for printing presses, Lateral register. N. Bishop. 2,566,399, Sept. 4.
Control mechanism for sewing machines. H. V. Kindseth and J. E. Zeller, Jr. 2,539,627, Jan. 30.
Control mechanism for shock absorbers, Flow. M. Funkhouser and E. F. Rossman. 2,569,520, Oct. 2.
Control mechanism for sliding camera shutters. G. N. Smith. 2,553,015, May 15.
Control mechanism for the brake holders of automotive vehicles. K. A. Harmon and G. A. Guernsey. 2,577,680, Dec. 4.

Control mechanism for the delivery stack of sheet working machines. H. Bobst. 2,579,541, Dec. 25.
Control mechanism for the fluid pressure operating motor of pressing machines. E. N. Neckel. 2,567,444, Sept. 11.
Control mechanism for variable-speed gears or other purposes. H. M. Kersterton. 2,577,019, Dec. 4.
Control mechanism, Lathe. H. J. Siekmann, H. C. Kemper, and N. D. Cooper. 2,558,275, June 26.
Control mechanism, Liquid level. W. M. Mercer. 2,568,506, Sept. 18.
Control of aircraft pitching. E. A. Stalker. 2,541,620, Feb. 13.
Control of boundary between electrolytic fluids, Method and apparatus for. L. G. Longsworth. 2,563,729, Aug 7.
Control of constituent potentials. W. L. Besselman and R. L. Davis, II. 2,541,857, Feb. 13.
Control of electric locks for railway track switch operating levers. J. H. Broadbent. 2,567,050, Sept. 4.
Control of evaporated metal film thickness, Automatic. P. Godley, 2nd. 2,545,576, Mar. 20.
Control of filamentary material. R. M. Ingham, Jr. 2,565,500, Aug. 28.
Control of hump and trimmer signals for classification yards. D. F. Cobourn. 2,559,401, July 3.
Control of hydrocarbon reactions in moving solids contacting systems. D. D. McKinney. 2,558,769, July 3.
Control of impedance of semiconductor amplifier circuits. H. L. Barney. 2,541,322, Feb 13.
Control of impedance of semiconductor amplifier circuits. H. L. Barney. 2,550,518, Apr. 24.
Control of phosphate in alumina production. J. L. Porter. 2,557,891, June 19.
Control of stage, decorative, or similar lighting apparatus. J. T. Wood. 2,550,317, Apr. 24.
Control of wave length in wave guides. M. G. White. 2,567,748, Sept. 11.
Control of X-ray generators. A. R. Brown. 2,571,009, Oct. 9.
Control operating device. W. J. Waldron. 2,560,015, July 10.
Control point setting and indicating adjustment means for pneumatic controllers. J. W. Robins. 2,549,011, Apr. 17.
Control reel. W. W. Dalrymple. 2,536,875, Jan. 2.
Control shaft for variable resistors, Insulated. A. P. Hultgren. 2,536,181, Jan. 2.
Control signal indicating circuit. J. W. Smith. 2,554,508, May 29.
Control stick. L. W. Feagin. 2,543,450, Feb. 27.
Control surface for aircraft, Wing-tip. G. Richard. 2,565,990, Aug. 28.
Control switch. H. L. Bone and G. V. Jefferson. 2,575,994, Nov. 20.
Control system. J. C. Aydelott, G. W. Bower, and G. M. Adams. 2,565,293, Aug. 21.
Control system. E. G. Bailey and P. S. Dickey. 2,546,119, Mar. 20.
Control system. C. J. Caldbeck. 2,545,990, Mar. 20.
Control system. H. E. Carnagua. 2,556,675, June 12.
Control switch. S. L. Frank. 2,549,794, Apr. 24.
Control system. H. W. Graybrook and G. R. Purifoy. 2,549,304, Apr. 17.
Control system. C. E. Greene and R. B. Lesher. 2,546,692, Mar. 27.
Control system. J. A. Hepperlen and S. Rifkin. 2,579,317, Dec. 18.
Control system. A. J. Hornfeck. 2,557,224, June 19.
Control system. C. Johnson. 2,549,971, Apr. 24.
Control system. B. W. Jones. 2,569,317, Sept. 25.
Control system.. G. E. Kentis, Jr. 2,558,761, July 3.
Control system. R. K. Mead and D. E. Slaton. 2,540,590, Feb. 6.
Control system. W. O. Osbon. 2,550,122, Apr. 24.
Control system. R. P. Piperoux, D. B. Hertz, and F. P. Diemer. 2,564,767, Aug. 21.
Control system. P. J. Quinn. 2,541,666, Feb. 13.
Control system. H. D. Roop. 2,537,914, Jan. 9.
Control system. W. K. Sonnemann. 2,546,021, Mar. 20.
Control system. G. E. Stoltz and A. J. Dolan. 2,537,171, Jan. 9.
Control system and device for dynamoelectric machines. W. R. Holmes. 2,576,117, Nov. 27.
Control system and device for dynamoelectric machines. W. R. Holmes. 2,576,604, Nov. 27.
Control system, Automatic frequency. L. M. Hollingsworth. 2,558,435, June 26.
Control system, Automatic frequency. G. H. Nibbe. 2,558,371, June 26.
Control system, Electric follow-up. C. Dannatt. 2,536,876, Jan. 2.
Control system for aircraft control surface and tab. R. S. Curry, Jr. 2,568,719, Sept. 25.
Control system for aircraft wings, Boundary layer. E. A. Stalker. 2,545,010, Mar. 13.
Control system for annunciators. D. Griffith. 2,554,404, May 22.
Control system for battery chargers, Safety thermal. C. A. Godshalk and L. A. Medlar. 2,563,234, Aug. 7.
Control system for billet cutting machines. J. L. Biach. 2,578,778, Dec. 18.
Control system for circuit breakers. W. R. Taliaferro. 2,569,353, Sept. 25.
Control system for combined oil and gas burners. C. C. Young. 2,552,302, May 8.
Control system for cutting apparatus. J. R. Wrathall. 2,546,024, Mar. 20.
Control system for directive device. J. A. Buckbee and A. E. Falk. 2,579,471, Dec. 25.
Control system for dual voltage induction motors. S. Noodleman. 2,539,856, Jan. 30.
Control system for dynamoelectric machines. N. H. Shaw. 2,542,843, Feb. 20.
Control system for electric motors. R. A. West. 2,578,988, Dec. 18.
Control system for electrically-operated vehicles. L. J. Hibbard. 2,539,190, Jan. 23.
Control system for electronic decoders. C. E. G. Bailey. 2,569,970, Oct. 2.
Control system for fluid fuel burners. V. Weber. 2,564,869, Aug. 21.
Control system for induction-heating apparatus. H. A. Strickland, Jr. 2,541,123, Feb. 13.
Control system for multiple rotor helicopters. J. A. Green. 2,571,566, Oct. 16.
Control system for railroads for the code control of interlocked track switches and signals, Centralized traffic. E. M. Allen. 2,567,834, Sept. 11.
Control system for reversible pitch propellers. T. C. Hill and P. R. Coulson. 2,545,205, Mar. 13.
Control system for rotating wing aircraft. H. T. Avery. 2,546,881, Mar. 27.
Control system for soot blowers. C. L. Howse. 2,553,044, May 15.
Control system for sound reproduction and recording apparatus. F. H. Fodor. 2,550,007, Apr. 24.
Control system for three-phase motors. U. Lamm and M. Böckman. 2,550,569, Apr. 24.
Control system for wheeled mechanical-lift implements. H. B. Rapp. 2,575,563, Nov. 20.
Control system, Proportional. E. M. Williams. 2,565,540, Aug. 28.
Control system, Transmission. G. E. Flinn. 2,565,214, Aug. 21.
Control systems for the code control of interlocked switch and signals, Centralized traffic. F. T. Pascoe and A. L. Jerome. 2,576,038, Nov. 20.
Control terminal for mobile radio telephone. E. H. B. Bartelink. 2,575,782, Nov. 20.
Control tube. J. V. O'Neill and R. W. Slinkman. 2,554,877, May 29.
Control unit for milking machines. A. G. Perkins. 2,558,152, June 26.
Control unit for pin hole detectors. W. E. Coleman. 2,563,213, Aug. 7.
Control unit, Tractor cable. L. E. Johnson. 2,558,254, June 26.
Control valve. H. W. Avery. 2,566,051, Aug. 28.
Control valve. J. G. Catranis. 2,568,052, Sept. 18.
Control valve. R. T. Kohler and C. A. Spaulding, Jr. 2,550,011, Apr. 24.
Control valve. C. A. Rider. 2,572,950, Oct. 30.
Control valve. R. A. Rockwell. 2,541,176, Feb. 13.
Control valve. F. Tratzik. 2,538,133, Jan. 16.
Control valve. H. L. Weinberg. 2,538,436, Jan. 16.
Control valve mechanism. J. D. Cochin. 2,574,624, Nov. 13.
Controllable electrical delay means. J. W. Tiley. 2,565,410, Aug. 21.
Controllable pressure means for spraying liquids and the like. G. H. Bramhall. 2,576,668, Nov. 27.
Controlled atmosphere for heat-treating metals. H. H. Chiswik. 2,565,201, Aug. 21.
Controlled electric heater. L. R. Mast and W. T. Craig. 2,578,819, Dec. 18.
Controlled fluid delivery system. J. P. Smith. 2,576,543, Nov. 27.
Controlled partial decomposition of chlorinated rubber. M. E. Gross and E. B. Newton. 2,554,700, May 29.
Controlled wave energy generator. E. W. Herold. 2,568,395, Sept. 18.
Controller, Dual pneumatic. G. I. Bilyeu. 2,550,666, May 1.
Controller for conveyers, Weight. G. J. Palmer, Jr. 2,553,719, May 22.
Controller for electric systems. E. R. Ziegler. 2,572,295, Oct. 23.
Controller for heating systems. L. E. Cross. 2,557,027, June 12.
Controller for hydrodynamic machines. J. K. Douglas. 2,547,154, Apr. 3.
Controller for pneumatic thread removers. C. R. Kronoff. 2,568,643, Sept. 18.
Controller, Pressure. G. V. Nolde. 2,568,086, Sept. 18.
Controller with delayed follow-up, Air-operated. D. P. Eckman. 2,540,193, Feb. 6.
Controlling advancement of stock. W. B. Ewing. 2,565,450, Aug. 21.
Controlling apparatus. W. W. Paget. 2,546,613, Mar. 27.
Controlling apparatus, Traffic. R. M. Laurenson. 2,558,445, June 26.
Controlling British thermal unit value, Method and apparatus for. A. J. Miller and J. L. Groebe. 2,563,543, Aug. 7.
Controlling device for food processing apparatus. F. B. Doyle. 2,578,179, Dec. 11.

Controlling device for pumps. A. J. Stepanoff. 2,539,339, Jan. 23.
Controlling electric arcs. K. Lerstrup. 2,538,370, Jan. 16.
Controlling exothermic gas reactions. L. S. Kassel. 2,566,337, Sept. 4.
Controlling fungi by means of an acylamido naphthoquinone. M. Silverman. 2,577,093, Dec. 4.
Controlling humidification of air, Method of and apparatus for. O. T. Merwin. 2,562,201, July 31.
Controlling ionic valves. C. Petterson. 2,569,334, Sept. 25.
Controlling magnetically vibrated screens, Method and apparatus for. H. E. Brown and S. M. Grant. 2,538,760, Jan. 23.
Controlling means for self-propelled miniature aircraft. V. Stanzel. 2,559,326, July 3.
Controlling multiple-effect evaporators. J. G. Ziegler. 2,576,496, Nov. 27.
Controlling pilot burner. C. M. Garner. 2,548,300, Apr. 10.
Controlling shrinkage of castings. W. C. Slinkard and F. L. Duncan. 2,572,064, Oct. 23.
Controlling stem end decay of citrus fruits. M. A. Slade, Jr. and R. D. Gerwe. 2,578,752, Dec. 18.
Controlling temperature from a plurality of remote points or zones. C. E. Armstrong. 2,560,322, July 10.
Controlling the concentrations of suspensions. F. J. Fontein. 2,550,341, Apr. 24.
Controlling the coolant of marine internal-combustion engines. D. A. Holley. 2,536,642, Jan. 2.
Controlling the diameter and wall thickness of vinylidene chloride polymer film tubes. C. R. Irons. 2,541,064, Feb. 13.
Controlling the dissipation of normally solid, volatile organic insecticides. T. W. Sarge and H. L. Schaefer. 2,572,669, Oct. 23.
Controlling the flow of a fluid heat transfer medium. O. W. Greene. 2,579,567, Dec. 25.
Controlling the head pressure in refrigerating systems. O. J. Nussbaum and F. C. Obert. 2,564,310, Aug. 14.
Controlling the level of liquid in dishwashing machines. S. B. F. Carlstedt. 2,575,246, Nov. 13.
Controlling the resistance of oxidic semiconductors. F. J. Morin. 2,547,406, Apr. 3.
Controlling the supply of liquid fuel to internal-combustion prime movers. E. A. Watson. 2,549,552, Apr. 17.
Controlling the temperature of hot gases. R. J. Ifield and O. N. Lawrence. 2,544,427, Mar. 6.
Controlling thread tension. K. E. Wilhelm. 2,578,620, Dec. 11.
Controlling transmission in microwave systems. C. N. Nebel. 2,563,612, Aug. 7.
Controlling undesirable fermentation in cheese, Method and agent for. H. Jørgensen. 2,566,941, Sept. 4.
Controlling weather. H. M. Brandau. 2,550,324, Apr. 24.
Controlling wells. I. A. Miller. 2,552,901, May 15.
Controlling windows and the like. P. F. Rossmann and K. Rath. 2,548,847, Apr. 10.
Controlling wing tip stall in airplanes. I. L. Ashkenas. 2,549,045, Apr. 17.
Controls for liquid fuel burners, Draft-responsive. R. W. DeLancey. 2,540,866, Feb. 6.
Convenience package. M. E. Gourdin. 2,550,551, Apr. 24.
Conversion and headlight arrangement for suction cleaners. D. C. Gerber. 2,563,717, Aug. 7.
Conversion apparatus. J. C. Mouzon. 2,571,746, Oct. 16.
Conversion apparatus and associated arrangement for controlling distribution of gases passing therethrough. R. C. Lassiat and J. E. Evans. 2,559,646, July 10.
Conversion arrangement coupé trunk to pickup body. V. and R. Lenci. 2,552,898, May 15.
Conversion of aromatic amines to aromatic hydrocarbons. V. N. Ipatieff and G. S. Monroe. 2,563,037, Aug. 7.
Conversion of carbon to electrical energy. E. Gorin. 2,570,543, Oct. 9.
Conversion of disulfides to thia-succinic acids. W. A. Proell and C. E. Adams. 2,561,673, July 24.
Conversion of gaseous hydrocarbons, High-temperature. L. P. Evans. 2,543,742, Feb. 27.
Conversion of hexaalkyldilead to tetraalkyllead. I. T. Krohn and H. Shapiro. 2,555,891, June 5.
Conversion of hexaalkyldilead to tetraalkyllead. T. W. McDyer and R. D. Closson. 2,571,987, Oct. 16.
Conversion of hydrocarbon gases to hydrogen and carbon monoxide. A. B. Welty, Jr. 2,550,742, May 1.
Conversion of hydrocarbons. L. E. Olson. 2,536,307, Jan. 2.
Conversion of hydrocarbons in the presence of a solid particulate contact material, utilizing a molten metal as the conveying medium. C. G. Kirkbride. 2,547,015, Apr. 3.
Conversion of hydrocarbons in the presence of cracking catalyst containing barium peroxide. L. E. Olson. 2,573,481, Oct. 30.
Conversion of hydrocarbons using ammonium iodide catalyst. H. L. Pelzer. 2,546,272, Mar. 27.
Conversion of hydrosulfides to neutral sulfur compounds. L. C. Fetterly. 2,557,643, June 19.
Conversion of iron oxide into iron, Two-stage. W. Tiddy and F. D. Cooper. 2,545,932, Mar. 20.
Conversion of iron oxide into iron with coke-oven gas. W. Tiddy and F. D. Cooper. 2,545,933, Mar. 20.
Conversion of liquid to solid tetrachlorobutane. K. C. Eberly. 2,560,019, July 10.
Conversion of liquid to solid tetrachlorobutane. K. C. Eberly and R. J. Reid. 2,560,025, July 10.
Conversion of ortho teritiary alkyl phenols to para tertiary alkyl phenols. P. M. Arnold. 2,553,538, May 22.
Conversion of oxymethylenepentenoates to malonaldehydrates. J. O. Van Hook and W. J. Croxall. 2,540,073, Jan. 30.
Conversion of salts in petroleum oils. G. R. Gilbert. 2,556,269, June 12.
Conversion system. R. L. Longini. 2,549,831, Apr. 24.
Conversion to sulfur and/or sulfur dioxide of other sulfur compounds and catalysts therefor. P. X. Spillane. 2,559,325, July 3.
Conversion unit for motorcycles. C. R. Zook. 2,540,926, Feb. 6.
Converter and oscillator circuit, Combined. J. A. Worcester, Jr. 2,554,230, May 22.
Converter attachment for floor type suction cleaners. F. S. Howard. 2,541,061, Feb. 13.
Converter of the crystal type for ultra-short waves, Push-pull. H. F. Mataré. 2,552,052, May 8.
Convertible aircraft landing gear. G. F. Myers. 2,578,578, Dec. 11.
Convertible continuous press for producing long or short alimentary paste products. C. Ambrette. 2,576,061, Nov. 20.
Convertible folding reading stand. V. D. Hiemenz. 2,579,740, Dec. 25.
Convertible folding top with automatic seal at rear quarter. H. A. Mackie and S. Duluk. 2,569,724, Oct. 2.
Convertible hand tool. S. G. Benham. 2,565,344, Aug. 21.
Convertible high chair. E. B. Lehman. 2,553,460, May 15.
Convertible male and female electrical connector. N. E. Crocker. 2,538,296, Jan. 16.
Convertible motor. L. R. Ludwig, T. C. Fockler, W. H. Formhals, and H. T. Walton. 2,571,907, Oct. 16.
Convertible recreation-lounge vehicle. F. L. Murphy, R. W. Haman, and S. W. Kay. 2,557,885, June 19.
Convertible top structure. D. E. Bramble. 2,558,926, July 3.
Convertible wheel chair. H. A. Everest and H. C. Jennings. 2,561,616, July 24.
Converting and quenching hydrocarbons, Method and apparatus for. D. J. Quigg and C. E. Alleman. 2,572,758, Oct. 23.
Converting hydrocarbon material. R. C. Lassiat. 2,556,198, June 12.
Converting hydrocarbon material. R. C. Lassiat and R. T. Savage. 2,574,489, Nov. 13.
Converting hydrocarbon material, Process of and apparatus for. R. T. Savage. 2,548,912, Apr. 17.
Converting liquid phase hydrocarbon material. J. E. Evans. 2,553,561, May 22.
Conveyer: *See*—
Reciprocating pusher conveyer. — Wearing apparel conveyer.
Conveyer. C. C. Brayton. 2,545,134, Mar. 13.
Conveyer. S. J. Gartner and A. E. Kulberg. 2,580,222, Dec. 25.
Conveyer. R. L. Griffin and N. Y. Moore. 2,575,914, Nov. 20.
Conveyer. L. W. Hills. 2,556,920, June 12.
Conveyer. E. Lehmann. 2,547,476, Apr. 3.
Conveyer. E. O. Melmer. 2,563,181, Aug. 7.
Conveyer. H. Pomerantz. 2,547,885, Apr. 3.
Conveyer. V. A. Rayburn and D. C. Robson. 2,546,374, Mar. 27.
Conveyer. H. N. Simpson. 2,552,743, May 15.
Conveyer. F. W. Wehmiller, W. J. Nekola, and P. H. Spelbrink. 2,543,142, Feb. 27.
Conveyer and cutting mechanism for wrapping machines. B. Redmond. 2,568,028, Sept. 18.
Conveyer and drive chain. H. W. Hapman. 2,557,963, June 26.
Conveyer and elevator, Grain. D. Love. 2,574,792, Nov. 13.
Conveyer and heater therefor. G. O. Hoffstetter. 2,543,287, Feb. 27.
Conveyer and support for use in processing poultry. B. A. Utter. 2,557,707, June 19.
Conveyer and switch means for checkout counters. A. D. Foster. 2,569,711, Oct. 2.
Conveyer apparatus. R. W. Brown and G. H. Frank. 2,537,005, Jan. 9.
Conveyer apparatus. C. G. Muench. 2,578,314, Dec. 11.
Conveyer apparatus for serving of meals. M. Stern. 2,548,131, Apr. 10.
Conveyer apparatus, Screw. E. A. Hawk. 2,556,391–2, June 12.
Conveyer, Articulated roller. C. W. Parisi. 2,550,201, Apr. 24.
Conveyer belt. P. L. Hutchins. 2,575,813, Nov. 20.
Conveyer, Belt. J. H. Johansen. 2,551,840, May 8.
Conveyer, Belt. A. L. Lee. 2,554,037, May 22.
Conveyer belt feed. E. G. Seed. 2,563,965, Aug. 14.
Conveyer belt support. C. W. Staacke. 2,568,174, Sept. 18.
Conveyer bucket. H. W. Hapman. 2,559,615, July 10.
Conveyer bucket, Self-cleaning. J. T. Parisi. 2,545,377, Mar. 13.

Conveyer, Bulk flow. W. G. Hudson. 2,577,082, Dec. 4.
Conveyer chain. R. T. Baugh. 2,541,632, Feb. 13.
Conveyer, Chain. L. K. Hitz. 2,573,334, Oct. 30.
Conveyer chain. P. J. Imse. 2,564,533, Aug. 14.
Conveyer chain. P. J. Imse. 2,569,636, Oct. 2.
Conveyer chain link. V. Zanitis. 2,579,410, Dec. 18.
Conveyer, Coacting belt. J. Rixon. 2,539,524, Jan. 30.
Conveyer, Coacting endless belt. J. H. McCusker. 2,572,172, Oct. 23.
Conveyer, Coating machine. H. W. Taylor. 2,577,594, Dec. 4.
Conveyer construction, Self-sealing. H. W. Hapman. 2,564,599, Aug. 14.
Conveyer control mechanism. I. L. Wilcox. 2,576,087, Nov. 20.
Conveyer device, Adjustable. J. W. Stiles. 2,577,926, Dec. 11.
Conveyer, Differential. F. K. Schefe. 2,546,476, Mar. 27.
Conveyer discharge mechanism. H. S. and W. H. Johns, and A. D. Sinden. 2,548,111, Apr. 10.
Conveyer drive tensioner. A. C. Ziemann. 2,564,090, Aug. 14.
Conveyer, Egg. G. F. Hodson and L. L. Campbell. 2,536,057, Jan. 2.
Conveyer element structure. H. W. Hapman. 2,555,338, June 5.
Conveyer, Elevator. R. H. Christensen. 2,562,174, July 31.
Conveyer, Elevating traveling. P. S. Hardy. 2,577,891. Dec. 11.
Conveyer, Endless. W. J. Kemp. 2,546,072, Mar. 20.
Conveyer, Endless chain. L. G. Forster. 2,570,030, Oct. 2.
Conveyer equipment for handling and packaging eggs. J. W. Cox. 2,563,583, Aug. 7.
Conveyer, Extensible reciprocating. A. Jarige. 2,559,192, July 3.
Conveyer feeding apparatus. J. W. Stiles. 2,560,995. July 17.
Conveyer, Flexible tray. E. Read. 2,548,061, Apr. 10.
Conveyer, Flight. H. W. Hapman. 2,571,444, Oct. 16.
Conveyer, Flight. G. E. Hatcher. 2,546,262, Mar. 27.
Conveyer flight. G. C. Miller. 2,570,583, Oct. 9.
Conveyer for bakers' ovens. B. M. Osojnak. 2,570,150, Oct. 2.
Conveyer for foundries, Weight carrying. H. E. Fellows and M. O. Holtan. 2,570,927, Oct. 9.
Conveyer for handling tacky material. V. A. Rayburn. 2,546,318, Mar. 27.
Conveyer for manure disposal systems. G. Tomfohrde. 2,544,191, Mar. 6.
Conveyer for pattern printing, Printing table. F. Buser. 2,540,862, Feb. 6.
Conveyer for portable elevators, Spring balanced receiving. B. M. Hyman. 2,577,328, Dec. 4.
Conveyer for tractor-mounted corn pickers. B. M. Hyman and E. K. Karlsson. 2,546,750, Mar. 27.
Conveyer for trailers, Removable floor. W. F. Peter and W. J. Mangels. 2,563,418, Aug. 7.
Conveyer for wired box parts. C. O. Riker. 2,557,515, June 19.
Conveyer frame. J. Thomson. 2,551,513, May 1.
Conveyer frame units, Interchangeable. N. W. Lyon. 2,550,156, Apr. 24.
Conveyer, Garment. S. Seldin. 2,536,575, Jan. 2.
Conveyer guide, Arcuate. F. A. Carretto. 2,538,144, Jan. 16.
Conveyer, Heavy-duty load. E. A. Rehberger. 2,557,203, June 19.
Conveyer hoist. J. P. Bernard. 2,550,904, May 1.
Conveyer housing rotating means. E. P. Escher. 2,545,141, Mar. 13.
Conveyer idler. H. T. Shank. 2,575,598, Nov. 20.
Conveyer, Interconnected plural. S. M. Scott. 2,563,427, Aug. 7.
Conveyer, Laterally flexible mine. J. F. Joy. 2,569,004, Sept 25.
Conveyer, Laterally flexible power-operated. T. W. Jones and N. E. Ciocchetti. 2,543,368, Feb. 27.
Conveyer, Linked rod. C. T. Hatch. 2,555,692, June 5.
Conveyer, Loader. W. H. Lewis. 2,546,512, Mar. 27.
Conveyer, Meat. E. R. Orling. 2,551,155, May 1.
Conveyer mechanism. J. A. Eriksson. 2,558,832, July 3.
Conveyer mechanism for bulk loading containers. L. L. Jones. 2,561,377, July 24.
Conveyer mechanism for disks and the like. E. R. Koppel and W. B. Caldwell. 2,568,073, Sept. 18.
Conveyer mechanism for pressure cookers. A. R. Thompson. 2,551,981, May 8.
Conveyer mechanism with supporting sprockets. R. E. J. Nordquist and F. Huntar. 2,570,264, Oct. 9.
Conveyer, Mobile. J. C. Cooley. 2,541,462, Feb. 13.
Conveyer, Mobile power-operated. M. Mayrath. 2,551,147, May 1.
Conveyer of endless belt type. J. Thomson. 2,538,951, Jan. 23.
Conveyer of endless belt type. J. Thomson. 2,551,512, May 1.
Conveyer organization for positioning and transporting articles. E. A. Ernst. 2,572,325, Oct. 23.
Conveyer, Polishing. E. C. Lindsay and G. M. Hurley. 2,552,194, May 8.
Conveyer, Portable. A. J. Troyer. 2,542,885, Feb. 20.
Conveyer, Portable elevating. E. W. White. 2,542,383, Feb. 20.
Conveyer pressure sealing device, Flight. H. W. Hapman. 2,556,183, June 12.
Conveyer, Sealed flight. H. W. Hapman. 2,564,688, Aug. 21.
Conveyer, Sectional. H. C. Pollitz. 2,573,486, Oct. 30.
Conveyer, Slatted belt. L. E. Johnson, Jr. 2,540,266, Feb. 6.
Conveyer storage system, Endless. J. C. and J. D. Davis. 2,576,107, Nov. 27.
Conveyer, Strip. E. Fried. 2,580,086, Dec. 25.
Conveyer structure, Pusher. H. W. Hapman. 2,556,182, June 12.
Conveyer support and transport truck. R. W. Heer. Re. 23,353, Apr. 10.
Conveyer switch. R. F. Holm. 2,566,417, Sept. 4.
Conveyer system. R. L. Henderson and J. F. Finley. 2,542,330, Feb. 20.
Conveyer system for locomotive stokers, Tender. W. T. Hanna. 2,569,811–12, Oct. 2.
Conveyer system, Long-range haulage. M. A. Kendall. 2,580,229, Dec. 25.
Conveyer system, Pneumatic. W. Boon. 2,556,058, June 5.
Conveyer, Traveling platform. F. S. Abbott. 2,555,838, June 5.
Conveyer trolley. R. B. Vogt. 2,556,487, June 12.
Conveyer, Underslung self-contained. H. Bobrowski. 2,539,689, Jan. 30.
Conveyer unloader. V. A. Rayburn and D. C. Robson. 2,546,373, Mar. 27.
Conveyer, Unloading. L. R. Smida. 2,558,629, June 26.
Conveyer unloading apparatus. R. L. Griffin. 2,572,472, Oct. 23.
Conveyer vibrator. H. W. Hapman. 2,547,462, Apr. 3.
Conveyer with automatic jacket and weight shifter, Snap flask mold. B. E. Gavin, Sr. 2,575,103, Nov. 13.
Conveyer with detachable feeding unit, Blower type. G. B. Hill and L. Cheatum. 2,542,250, Feb. 20.
Conveyer with sheet supporting and antipinching devices. W. F. May and R. E. J. Nordquist. 2,561,397, July 24.
Conveyer wheel curve device. W. V. Vincent. 2,580,054, Dec. 25.
Conveying and transfer device, Fruit. A. R. Thompson. 2,556,122, June 5.
Conveying and transferring mechanism. C. J. Malhiot and E. Sramek. 2,558,368, June 26.
Conveying and weighing apparatus. V. A. Rayburn and D. C. Robson. 2,541,610, Feb. 13.
Conveying apparatus for furnaces. H. Ottinger and G. J. Kirchner. 2,542,878, Feb. 20.
Conveying apparatus for milk cans. W. L. H. E. Würdemann. 2,572,233, Oct. 23.
Conveying device. J. H. Helling. 2,559,299, July 3.
Conveying means for laminar articles. J. F. Naylor. 2,563,184, Aug. 7.
Conveying mechanism, Work station. H. G. Allen and G. E. Gampp. 2,551,080, May 1.
Conveying pulverulent material, Method and apparatus for. C. D. Adams. 2,565,835, Aug. 28.
Conveying system, Coal. E. C. Webb. 2,539,109, Jan. 23.
Cookstove for burning comminuted fuel, Camp. W. K. Boone. 2,555,779, June 5.
Cooker. A. W. French, Jr. 2,577,010, Dec. 4.
Cooker. R. L. Smith. 2,556,115, June 5.
Cooker. A. G. Swenson. 2,571,782, Oct. 16.
Cooker and steamer, Combined. D. W. Wiegel. 2,555,720, June 5.
Cooker, Cereal and mash. W. Heller and L. O. Stammberger. 2,551,034, May 1.
Cooker, Deep well. K. R. Kuenne. 2,551,441, May 1.
Cooker, Egg. A. A. Locke. 2,559,444, July 3.
Cooker, Egg. B. T. Ritchie. 2,545,308, Mar. 13.
Cooker, Egg. E. Rothschild. 2,562,991, Aug. 7.
Cooker, Electric combination. H. R. Davis. 2,571,216, Oct. 16.
Cooker, Food. J. G. Rodriquez. 2,557,467, June 19.
Cooker, Food steam. J. J. Sullivan. 2,576,313, Nov. 27.
Cooker, Fruit. J. S. Magley. 2,565,614, Aug. 28.
Cooker, Low-pressure. B. Ben-Dor. 2,574,950, Nov. 13.
Cooker, Pressure. A. J. Kirstin. 2,552,098, May 8.
Cooker, Pressure. C. R. Turner. 2,570,993, Oct. 9.
Cooker, Pressure. W. A. Welden. 2,554,931, May 29.
Cooker, Rendering. C. J. Merriman and A. P. Huchberger. 2,553,582, May 22.
Cooker, Steam. C. C. Young and D. F. Troupe. 2,540,924, Feb. 6.
Cooker with adjustable heating element, Deep well. K. H. Snow. 2,568,973, Sept. 25.
Cooking and serving unit, Combination. R. S. Davis. 2,550,108, Apr. 24.
Cooking apparatus. N. J. Peters. 2,572,192, Oct. 23.
Cooking apparatus, Continuous. G. Ashton. 2,549,283, Apr. 17.
Cooking apparatus, Electric. R. H. Park. 2,543,052, Feb. 27.
Cooking apparatus, Electrical. W. C. Baltzell. 2,578,034, Dec. 11.
Cooking apparatus, Electrical. O. E. Eckhoff. 2,548,524, Apr. 10.
Cooking apparatus, Food. F. M. McBeth. 2,546,163, Mar. 27.
Cooking apparatus, Food. F. M. McBeth. 2,552,441, May 8.
Cooking apparatus for waffles and the like. M. and J. W. Kassan. 2,571,891, Oct. 16.

Cooking appliance. F. A. Olmsted. 2,543,297, Feb. 27.
Cooking bag. H. Gottesman. 2,542,245, Feb. 20.
Cooking device. B. W. Badenoch. 2,569,365, Sept. 25.
Cooking device. J. R. Fitzgerald. 2,558,077, June 26.
Cooking device. J. Leibowitz. 2,561,125, July 17.
Cooking equipment. M. G. Clay. 2,552,621, May 15.
Cooking food. T. Finizie. 2,558,294, June 26.
Cooking machine. M. P. Spartalis. 2,565,786, Aug. 28.
Cooking range rack manipulator. H. M. and R. A. Ray. 2,571,943, Oct. 16.
Cooking vessel control unit. C. J. Sherman. 2,543,646, Feb. 27.
Cooky-cutting machine. C. L. Ott. 2,576,533, Nov. 27.
Cooky press. A. B. Gehm. 2,554,734, May 29.
Coolant means for drills. G. J. Searles. 2,552,463, May 8.
Cooler: *See*—

Air cooler.	Portable air cooler.
Egg cooler.	Portable cooler.
Evaporative cooler.	Portable evaporative cooler.
Evaporative water cooler.	Room cooler.
Liquid cooler.	Sanitary water cooler.
Milk cooler.	Two-port cooler.
Mobile milk cooler.	

Cooler and cooker, Jacketed. C. L. Trier. 2,557,622, June 19.
Cooler for motor vehicles. Air. W. W. Gaskell, Jr. 2,565,767, Aug. 28.
Cooler using dry ice refrigerant, Self-contained. J. S. Zuckerman. 2,580,210, Dec. 25.
Cooling air or oxygen enriched air within an enclosure. J. A. Heidbrink. 2,550,810, May 1.
Cooling and air conditioning device. D. E. McAllister. 2,559,164, July 3.
Cooling and drying grain and seed. J. F. Tipps. 2,560,141, July 10.
Cooling and fluid heating unit, Combination. F. J. and W. W. Smith. 2,562,337, July 31.
Cooling and insulating electrical apparatus. C. F. Hill. 2,561,738, July 24.
Cooling apparatus. R. O. Scofield. 2,579,098, Dec. 18.
Cooling apparatus and method, Air and liquid. N. B. Lau Bach. 2,545,926, Mar. 20.
Cooling apparatus for vegetables and fruits. H. S. Goss. 2,538,362, Jan. 16.
Cooling combustion-engine air supply by ammonia. F. Whittle. 2,559,814, July 10.
Cooling device. C. E. Dawley and J. E. Schiveree. 2,565,722, Aug. 28.
Cooling device and a method for transferring molten aluminum sulphate into solid pieces by using the device. K. V. Lennstrom. 2,570,572, Oct. 9.
Cooling device, Bearing. W. L. Clayton. 2,549,171, Apr. 17.
Cooling device, Bottled beverage. L. A. Philipp. 2,551,391, May 1.
Cooling device, Evaporative. A. T. Wildey. 2,566,276, Aug. 28.
Cooling device for electrical apparatus in particular electric brakes. P. E. Bessière. 2,575,000, Nov. 13.
Cooling device for radial gas turbines. A. Buchi. 2,577,179, Dec. 4.
Cooling device for refrigerators, Liquid. A. H. Wehr. 2,553,693, May 22.
Cooling device, Milk. J. A. Kingston. 2,536,752, Jan. 2.
Cooling dynamoelectric apparatus. C. F. Hill. 2,561,737, July 24.
Cooling enameled steel after firing. H. M. Davis. 2,572,702, Oct. 23.
Cooling jacket and heat-resistant cap for combustion chambers. R. H. Goddard. 2,558,484, June 26.
Cooling lubricating oil in submerged motors. K. E. Moehrl and C. B. Porter, Jr. 2,556,435, June 12.
Cooling magnetic cores of electrical apparatus. J. T. Sabol. 2,547,045, Apr. 3.
Cooling means for a combustion chamber and nozzle in which solid fuel is burned. R. H. Goddard. 2,544,422, Mar. 6.
Cooling means for tail pipes of jet propulsion motors. F. B. Halford and G. Bristow. 2,579,114, Dec. 18.
Cooling means for turbines. E. A. Stalker. 2,576,814, Nov. 27.
Cooling of annular combustion chamber fuel manifolds. R. A. Sforzini. 2,541,108, Feb. 13.
Cooling of spray-dried soap products. W. Sartorius. 2,544,616, Mar. 6.
Cooling system, Aircraft. F. H. Green. 2,557,099, June 19.
Cooling system and apparatus for abrasive wheels. C. L. Garrison. 2,560,944, July 17.
Cooling system and method, Aircraft. W. F. Mayer. 2,557,101, June 19.
Cooling system for aircraft engines. H. J. Rapuano. 2,553,675, May 22.
Cooling system for automobiles. G. R. Lepper. 2,557,004, June 12.
Cooling system for liquid cooled internal-combustion engines. L. P. Traxel. 2,547,422, Apr. 3.
Cooling system for refrigerators. G. A. Brace. 2,539,986, Jan. 30.
Cooling system having expansion means, Air. C. W. Morris. 2,557,100, June 19.
Cooling system, Irrigation well. G. Thieszen. 2,566,506, Sept. 4.
Cooling tower. G. M. Slaughter and G. Puls. 2,571,958, Oct. 16.
Cooling wind system for glassmaking equipment. A. W. Russell. 2,569,339, Sept. 25.
Cooling unit supporting structure. K. G. Borén. 2,572,836, Oct. 30.
Cooling units embodying control to limit condensation, Room. W. A. Grant. 2,548,665, Apr. 10.
Coop assembling machine. O. F. Carpenter. 2,556,901, June 12.
Coop, Blood testing poultry. D. V. Smith. 2,574,765, Nov. 13.
Coordinate selecting and lockout circuit. G. Hecht. 2,542,672, Feb. 20.
Coordinate selecting and lockout circuit. G. Hecht. 2,578,701, Dec. 18.
Coordinate selecting and lock-out circuit. W. H. T. Holden. 2,562,100, July 24.
Coping. J. H. Goodwin. 2,554,779, May 29.
Copolymer and coating composition. G. R. Barrett. 2,537,018, Jan. 9.
Copolymer of acrylonitrile and isobutene and its production. M. R. Lytton. 2,549,913, Apr. 24.
Copolymer of chloromaleic anhydride and butadiene, Preparation of. J. T. Hays. 2,540,072, Jan. 30.
Copolymer of chloromaleic anhydride and unsaturated hydrocarbons containing one double bond. P. G. Carpenter. 2,538,761, Jan. 23.
Copolymer of dimethallyl ether and an alkyl acrylate. R. H. Snyder. 2,539,706, Jan. 30.
Copolymeric siloxane elastomers and producing them. E. L. Warrick. 2,560,498, July 10.
Copolymerizates of 2-propenyl alcohols with di-2-propenyl itaconates. P. O. Tawney. 2,556,989, June 12.
Copolymerization catalyzed by mixture of peracetic acid and another organic peroxide. J. B. Hyman. 2,566,206, Aug. 28.
Copolymerization of conjugated drying oils and acids with polymerizable unsaturated compounds. C. J. Opp and R. E. Werner. 2,574,753, Nov. 13.
Copolymerization of organo-siloxanes. W. H. Daudt. 2,550,003, Apr. 24.
Copolymerization of styrene and unsaturated polyester. V. J. Frilette. 2,568,331, Sept. 18.
Copolymerization of styrene with blown unsaturated fatty oils. R. W. Nye. 2,556,336, June 12.
Copolymerization of vinylidene halides with certain ethylenically unsaturated compounds. W. L. J. de Nie. 2,547,815, Apr. 3.
Copolymerization process and product. E. B. McMillan. 2,578,259, Dec. 11.
Copolymerizing styrene and alpha methyl styrene. G. L. Wesp. 2,556,459, June 12.
Copolymers of acrylonitrile and isobutylene and making the same. M. R. Lytton. 2,537,146, Jan. 9.
Copolymers of acrylonitrile and N-allyl and N-2-methallyl ureas. J. R. Caldwell. 2,544,638, Mar. 13.
Copolymers of acrylonitrile and quaternary ammonium salts containing polymerizable allyl or methallyl substituents. G. E. Ham. 2,572,561, Oct. 23.
Copolymers of acrylonitrile and quaternary ammonium salts containing polymerizable vinyl substituents. G. E. Ham. 2,572,560, Oct. 23.
Copolymers of acrylonitrile, Preparing. G. E. Ham. 2,559,154, July 3.
Copolymers of allylic maleates with allylic alcohols, Soluble. P. O. Tawney. 2,546,798, Mar. 27.
Copolymers of an ethylenically unsaturated compound with a polyolefinic cyclic hydrocarbon. H. S. Bloch. 2,578,169, Dec. 11.
Copolymers of an isoolefin and a vinyl cycloolefin. C. I. Parrish. 2,568,656, Sept. 18.
Copolymers of β, β-difluoracrylic acid esters. J. B. Dickey and J. G. McNally. 2,571,687, Oct. 16.
Copolymers of cinnamoyl-vinyl aromatic hydrocarbons. C. F. H. Allen and J. A. Van Allan. 2,566,302, Sept. 4.
Copolymers of diallyl esters of dicarboxylic acids with di beta, gamma, unsaturated alkenyl arylphosphonates. A. D. F. Toy. 2,538,810, Jan. 23.
Copolymers of diallyl phthalate and diallyl esters of dimerized unsaturated fatty acids. H. Dannenberg and T. F. Bradley. 2,564,395, Aug. 14.
Copolymers of fatty oils and polyallyl ethers. J. R. Roach. 2,555,834, June 5.
Copolymers of 4-vinylcyclohexene dioxide. F. R. Morehouse and W. J. Hornibrook. 2,555,500, June 5.
Copolymers of hydrogen cyanide and their preparation. D. W. Woodward. 2,579,061, Dec. 18.
Copolymers of maleic anhydride and thiophene compounds. F. P. Otto and R. W. Barrett. 2,540,794, Feb. 6.
Copolymers of p-isopropenyl toluene and unsaturated alkyd resins. E. L. Kropa. 2,555,551, June 5.
Copolymers of proteins having unsaturated radicals united therewith. R. E. Damschroder and J. W. Gates, Jr. 2,548,520, Apr. 10.
Copolymers of styrene and phenylallyl alcohol. C. L. Mills, Jr., and J. M. Butler. 2,563,611, Aug. 7.
Copolymers of styrene or derivative thereof and an ester of an abietyl alcohol and an α,β-ethylenically unsaturated carboxylic acid. G. L. Schertz. 2,574,847, Nov. 13.
Copolymers of substituted styrenes and polyolefins. W. J. Sparks and D. W. Young. 2,560,492, July 10.

Copolymers of sulfur dioxide and styrene. H. D. Noether and E. P. Irany. 2,572,185, Oct. 23.
Copolymers of 3,4 or 3,5-dichloro alpha methyl-styrene with fluoroethylenes. T. A. Te Grotenhuis and G. H. Swart. 2,548,504, Apr. 10.
Copolymers of unsaturated esters. E. P. Irany, I. Skeist, and V. F. Maturi. 2,557,189, June 19.
Copolymers of unsaturated nitriles. M. Naps and F. E. Condo. 2,576,076, Nov. 20.
Copolymers of vinyl acetate and allyl carbanilates. D. T. Mowry and G. E. Ham. 2,556,437, June 12.
Copolymers of vinyl acetate and vinyl halobenzoates. G. E. Ham and D. T. Mowry. 2,563,602, Aug. 7.
Copolymers of vinyl aryl compounds, acrylonitrile, diallyl esters, and unsaturated dicarboxylic acids and their anhydrides and products produced therefrom. H. F. Minter. 2,542,827, Feb. 20.
Copolymers of vinyl chloride, allyl glycidyl ether, and allyl esters of hydroxyalkanoic acids. E. K. Ellingboe. 2,562,897, Aug. 7.
Copolymers of vinyl halides and halogenated propenes. F. E. Condo and M. Naps. 2,568,692, Sept. 25.
Copolymers of vinyl pyridine and polyvinyl aromatic compounds. E. F. Jackson. 2,540,984, Feb. 6.
Copolymers of vinylidene chloride and aliphatic epoxides. G. W. Stanton and C. E. Lowry. 2,556,048, June 5.
Copper base alloy. J. F. Klement. 2,547,129, Apr. 3.
Copper base alloys. J. Sykes. 2,559,031, July 3.
Copper-chromium hydrogenation catalyst. D. M. Young and F. G. Young, Jr., and H. R. Guest. 2,544,771, Mar. 13.
Copper compounds, Manufacture of. P. J. Rowe. 2,536,096, Jan. 2.
Copper compounds of disazo dyestuffs, Complex. O. Kaiser, W. Widmer, A. Buehler, and C. Zickendraht. 2,538,568, Jan. 16.
Copper fungicidal compositions safened with zinc sulfite. A. A. Nikitin. 2,540,209, Feb. 6.
Copper-iron-chromium alloy. A. W. Hodge. 2,564,844, Aug. 21.
Copper-phthalocyanine in pigmentary beta form and making the same. F. W. Lane. 2,556,726, June 12.
Copper phthalocyanine, Preparation of. F. W. Sullivan, Jr. 2,568,569, Sept. 18.
Coprecipitated resins, products containing same and making both of same. L. H. Wilson, C. G. Landes, and C. S. Maxwell. 2,563,898, Aug. 14.
Coprecipitated silica-magnesia gel. J. N. Pryor. 2,565,627, Aug. 28.
Copyboard, Photographic. J. D. Maxwell. 2,554,712, May 29.
Copyholder. S. D. Mathews. 2,559,082, July 3.
Copyholder. E. E. Mitchell. 2,538,318, Jan. 16.
Copyholder. H. I. Richards. 2,547,973, Apr. 10.
Copyholder. M. J. Rochford. 2,542,290, Feb. 20.
Copyholder for typist stands. M. Hassett. 2,541,513, Feb. 13.
Copyholder, Stenographic. R. B. Warner and S. Ford. 2,559,811, July 10.
Copy strip retaining and feeding means for optical projector apparatus. P. M. Field. 2,573,557, Oct. 30.
Copying device, Photographic electrical. A. G. Thomas. 2,549,546, Apr. 17.
Copying lathe. L. E. Topham. 2,577,932, Dec. 11.
Copying machine for engraving jewelry rings. G. G. Gruettner and R. C. Stiefel. 2,562,269, July 31.
Cord and plug set, Electric. G. J. Grassle. 2,541,239, Feb. 13.
Cord attachment means for upholstery spring. E. Samel. 2,577,813, Dec. 11.
Cord gripping device. A. A. Morton. 2,553,931, May 22.
Cord guide member for utensil plugs. T. Finizie. 2,540,575, Feb. 6.
Cord holder. S. E. Felts. 2,546,589, Mar. 27.
Cord reel. C. R. Anderson. 2,565,339, Aug. 21.
Cord reel and stand for electric irons, Combined. J. W. Gallagher. 2,537,524, Jan. 9.
Cord reel or holder. W. G. Wilson. 2,573,636, Oct. 30.
Cord stop applying machine. H. Nelson. 2,565,983, Aug. 28.
Cord-supporting device. W. Aab. 2,579,062, Dec. 18.
Cord tensioner, Automatic electric. A. C. Hallberg. 2,572,856, Oct. 30.
Cord twister stopping means. S. C. Nelson. 2,561,749, July 24.
Cord twisting machine. G. F. Weinland. 2,578,618, Dec. 11.
Cording. H. S. Marshall. 2,550,576, Apr. 24.
Core and coil form. P. K. Buys. 2,563,393, Aug. 7.
Core assembly for clay modeling. G. W. Moore. 2,545,210, Mar. 13.
Core assembly machine. P. F. Skoog. 2,537,918, Jan. 9.
Core barrel. C. L. Deely. 2,555,580, June 5.
Core binding material from drying oils. F. R. Moser. 2,556,335, June 12.
Core blower. C. P. and C. R. Harrison. 2,556,618, June 12.
Core box filling machine. T. N. Fea. 2,538,770, Jan. 23.
Core box vent. M. L. Bricker. 2,537,889, Jan. 9.
Core covering device. E. G. Egge. 2,542,184, Feb. 20.
Core drill with jar mechanism, Rotary. C. C. Brown. 2,551,995, May 8.
Core drilling. P. Biggs. 2,540,385, Feb. 6.
Core for burial vault molds. E. J. Lager. 2,578,310, Dec. 11.
Core for electrical induction apparatus, Wound. T. R. Specht. 2,550,127, Apr. 24.
Core for electromagnetic apparatus, Fluid cooled. J. B. Wadhams. 2,547,065, Apr. 3.
Core lowering device. R. I. Terry, Jr. 2,556,404, June 12.
Core reactor, Saturable. B. D. Bedford. 2,547,615, Apr. 3.
Core structure for electromagnets. W. A. Ray. 2,548,239, Apr. 10.
Core taking apparatus, Sidewall. J. R. Yancey and E. J. Robishaw. 2,558,227, June 26.
Corer. W. S. Hawley. 2,540,393, Feb. 6.
Corer with depth gauge. L. J. Rasaka and J. R. Gaines. 2,549,008, Apr. 17.
Coring and crushing bit. J. M. Camp. 2,549,420, Apr. 17.
Coring apparatus. J. C. Stokes. 2,574,717, Nov. 13.
Coring bit. H. G. Bentson. 2,553,032, May 15.
Coring device. D. M. Smith. 2,541,785, Feb. 13.
Coring device, Side-wall. J. H. Kirby, II. 2,546,668, Mar. 27.
Cork pistol. G. Martin. 2,580,356, Dec. 25.
Cork rod forming machine and method. R. P. Smith and F. E. James. 2,560,491, July 10.
Cork substitute and making same. R. S. Owens. 2,549,849, Apr. 24.
Corn and callus trimmer. C. L. Potvin. 2,573,487, Oct. 30.
Corn cutter. C. E. Ives. 2,566,568, Sept. 4.
Corn harvester roll. R. C. Fergason. 2,538,965, Jan. 23.
Cornhusking attachment for portable farm elevators. B. M. Hyman. 2,573,909, Nov. 6.
Cornhusking machine. O. R. Jones. 2,546,264, Mar. 27.
Corn meal porridge, Making. C. J. Walker. 2,541,730, Feb. 13.
Corn pad. W. M. Scholl. 2,575,133, Nov. 13.
Corn picker and husker with grain recovery device. M. J. Mitchell. 2,573,925, Nov. 6.
Corn picker with cutter. E. F. Greedy and E. J. Schaaf. 2,571,865, Oct. 16.
Corn popper. H. P. Jones. 2,565,967, Aug. 28.
Corn popping apparatus. C. J. Cretors. 2,537,744, Jan. 9.
Corn popping apparatus and ventilator therefor. C. T. Manley. 2,536,298, Jan. 2.
Corn popping device. M. Joffe. 2,561,203, July 17.
Corn popping machine. L. C. Gibson. 2,549,449, Apr. 17.
Corn, Preparing. W. J. Fitzpatrick. 2,544,380, Mar. 6.
Corn, Preparing cream-style. H. L. Link. 2,540,745, Feb. 6.
Corn-shelling attachment for two-row corn pickers. M. J. Mitchell. 2,577,349, Dec. 4.
Corn shocker with divided former. E. H. Rehn. 2,578,092, Dec. 11.
Corner construction, Floating. G. W. Anderson. 2,566,649, Sept. 4.
Corner construction for containers, Interlocking. R. B. Meller. 2,550,582, Apr. 24.
Corner guide for endless conveyer cables. S. Pile. 2,578,592, Dec. 11.
Corner mount and method and machine for making the same. W. B. Miner. 2,575,924, Nov. 20.
Corner reinforcing member and bail ear. E. O. Bodkin. 2,552,929, May 15.
Corner unit for inner form sections, Retractable. R. G. Le Tourneau. 2,538,970, Jan. 23.
Cornice. W. J. Purcell. 2,553,869, May 22.
Cornice. H. Ziemmerman. 2,539,380, Jan. 23.
Cornice bracket. S. H. Susnow. 2,570,731, Oct. 9.
Cornice for window curtains. C. D. Bruno. 2,565,588, Aug. 28.
Corona triode voltage regulator. C. M. Turner. 2,548,452, Apr. 10.
Corona voltage regulator tube. M. Gerber. 2,562,031, July 24.
Corporation stop and installing. J. J. Smith. 2,566,502, Sept. 4.
Corpse viewing cover. M. R. Mejía. 2,570,361, Oct. 9.
Correcting magnetic compasses on carriers. W. T. Darrach. 2,558,934, July 3.
Correcting mechanism for mercury column type measuring instruments. E. C. Hass. 2,542,671, Feb. 20.
Correcting photographic color prints. R. M. Evans. 2,571,697, Oct. 16.
Correcting residual radial distortion in optical image-forming systems. J. V. Sharp. 2,557,698, June 19.
Correcting sensitivity drift of amplifiers. N. R. Gunderson. 2,570,665, Oct. 9.
Correlating nuclear properties of atoms and magnetic fields. R. H. Varian. 2,561,490, July 24.
Corrosion inhibiting compositions. W. David. 2,545,138, Mar. 13.
Corrosion inhibiting compounds. J. D. Morgan and R. E. Lowe. 2,566,068, Aug. 28.
Corrosion inhibition of trichloroacetates. F. N. Alquist and J. L. Wasco. 2,554,972, May 29.
Corrosion inhibition with a mixture of inhibitors of differing volatility. A. Wachter and N. Stillman. 2,577,219, Dec. 4.
Corrosion inhibitor. G. C. Hook. 2,566,887, Sept. 4.
Corrosion inhibitor composition. R. F. B. Cox. 2,564,753, Aug. 21.

Corrosion inhibitor composition. A. L. Glasebrook. 2,564,757, Aug. 21.
Corrosion inhibitor composition. H. H. Haggard. 2,564,758–9, Aug. 21.
Corrosion inhibitor for concentrated phosphoric acid. J. E. Malowan. 2,567,156, Sept. 4.
Corrosion inhibitors. W. David. 2,545,137, Mar. 13.
Corrosion prevention. W. M. Cross, Jr. 2,546,586, Mar. 27.
Corrosion preventive composition. E. R. Barnum. 2,564,422, Aug. 14.
Corrosion preventive composition. E. R. Barnum. 2,564,423, Aug. 14.
Corrosion preventive compositions. K. F. Schiermeier and H. A. Poitz. 2,573,878, Nov. 6.
Corrosion-resistant storage tank. D. C. Bond. 2,568,111, Sept. 18.
Corrugating machine. A. J. Carr. 2,576,281, Nov. 27.
Corrugating machine guide structure. H. W. Bruker. 2,542,230, Feb. 20.
Corrugating roll lubricator. A. F. Shields. 2,557,011, June 12.
Corrugating sheet material and forming laminated cellular units thereof, Method and apparatus for. L. S. Meyer and E. K. Ritterhoff. 2,547,880, Apr. 3.
Corset. S. A. Christensen. 2,553,036, May 15.
Corset. G. G. Wanish. 2,560,145, July 10.
Corset. G. G. Wanish. 2,568,837, Sept. 25.
Corset with elastic insert. F. Jackel. 2,544,758, Mar. 13.
Corundum crystal recording or reproducing member. C. C. Verheyen. 2,564,136, Aug. 14.
Corundum phonograph needle and sound reproducng apparatus embodying same. J. F. Pelton and T. F. Hart. 2,577,149, Dec. 4.
Cosmetic accessory comprising a rouge cup and a brush. R. N. Carver. 2,575,997, Nov. 20.
Cosmetic applicator. C. H. Braselton. 2,573,828, Nov. 6.
Cosmetic package. J. C. Morrell. 2,561,400, July 24.
Cosmetic package. S. F. Rebora. 2,557,141, June 19.
Cosmetic pencil holder. C. M. Tursky. 2,559,906, July 10.
Cosmetic prosthetic hand. E. T. Larkins, B. S. Thomas, and D. R. Fetters. 2,561,383, July 24.
Cosmetic spreader and smoother. M. N. Goodwin. 2,568,853, Sept. 25.
Cosmetic stick and the like. L. Friedberg. 2,566,722, Sept. 4.
Cot. C. W. Kroha. 2,579,263, Dec. 18.
Cot fastener for ambulances. L. J. Mitchell. 2,558,056, June 26.
Cot, Folding. P. M. and A. F. Willens. and I. Eason. 2,542,744, Feb. 20.
Cot, Portable. F. J. Kelly. 2,564,333, Aug. 14.
Cotter key. J. A. MacLean, Jr., and B. F. Money. 2,537,841, Jan. 9.
Cotter key. J. A. MacLean, Jr., and B. F. Money. 2,543,414, Feb. 27.
Cotter key, Self-locking. F. Schaefer. 2,559,737, July 10.
Cotton and corn roller. G. A. Kunkel and L. A. Eversole. 2,559,774, July 10.
Cotton boll guide for cotton-picking machines. F. M. Brown. 2,576,567, Nov. 27.
Cotton chopper. R. E. Seltzer. 2,574,666, Nov. 13.
Cotton cleaner. A. C. Moody. 2,549,223, Apr. 17.
Cotton gin rib. P. E. Hopper. 2,562,424, July 31.
Cotton picker. H. A. Gamble. 2,540,046, Jan. 30.
Cotton picker spindle slat fastening means. J. D. Rust. 2,548,069, Apr. 10.
Cotton-picking apparatus receptacle and directing cotton thereinto. C. R. Hagen and D. B. Baker. 2,558,951, July 3.
Cotton-picking machine doffer. M. D. Rust. 2,577,367, Dec. 4.
Cottonseed oil refining process. R. G. Folzenlogen. 2,563,328, Aug. 7.
Cotton stripper. L. T. Wright. 2,576,381, Nov. 27.
Cotton topper. J. W. Bell. 2,578,963, Dec. 18.
Couch. J. C. Udd. 2,548,570, Apr. 10.
Counter. R. H. Devanney. 2,572,015, Oct. 23.
Counter. J. T. Potter. 2,538,122, Jan. 16.
Counter and dispenser, Tablet. J. R. De Philip. 2,536,127, Jan. 2.
Counter and indicator, Reversible. C. T. Breitenstein. 2,551,656, May 8.
Counter, Binary-decade. A. H. Dickinson. 2,577,075, Dec. 4.
Counter, Check-out. J. R. Edwards. 2,564,642, Aug. 14.
Counter chronograph. W. A. Higinbotham and B. D. McDaniel. 2,575,759, Nov. 20.
Counter circuit. C. C. Hoagland. 2,567,845, Sept. 11.
Counter circuit. D. G. C. Luck and C. C. Martinelli. 2,563,123, Aug. 7.
Counter, Display. A. A. Long. 2,567,388, Sept. 11.
Counter electrode of selenium rectifiers. T. E. Ebert. 2,579,557, Dec. 25.
Counter, Electronic. S. Hanson. 2,568,449, Sept. 18.
Counter for sheets. C. F. McAleer and R. Richards. 2,551,685, May 8.
Counter, Glow tube. G. E. Hagen. 2,558,178, June 26.
Counter, Hosiery pairer. C. W. Burns. 2,545,763, Mar. 20.
Counter kitchen, Sectional. H. A. Michaelis and H. F. Swanson. 2,576,409, Nov. 27.
Counter mechanism. H. N. Bliss. 2,568,709, Sept. 25.
Counter or tally, Hand-operated. A. Van Veen. 2,572,784, Oct. 23.
Counter, Paper. L. W. Evans. 2,558,212, June 26.
Counter, Sheet. J. B. Camp. 2,567,422, Sept. 11.
Counter structure, Totalizator. A. F. Julius. 2,544,994, Mar. 13.
Counter top construction. G. H. Norquist. 2,539,463, Jan. 30.
Counter top construction, Metal. G. H. Norquist. 2,539,461–2, Jan. 30.
Counting and recording apparatus. T. T. Rembusch. 2,540,911, Feb. 16.
Counting apparatus. W. Able. 2,563,668, Aug. 7.
Counting apparatus. W. Y. Lang. 2,543,531, Feb. 27.
Counting apparatus. M. L. Nelson. 2,544,894, Mar. 13.
Counting arrangement for cinematographic cameras. J. Bolsey. 2,558,034, June 26.
Counting circuit. D. B. Parkinson. 2,556,704, June 12.
Counting device. D. S. Saqui. 2,544,900, Mar. 13.
Counting device for can testing machines. W. W. Maher and K. Bofinger. 2,543,790, Mar. 6.
Counting mechanism. T. D. H. Andrews. 2,564,144, Aug. 14.
Counting mechanism. H. N. Bliss. 2,540,808, Feb. 6.
Counting-relay selector and switching system. I. V. Grundin and E. G. V. Erlandsson. 2,542,079, Feb. 20.
Counting relay system. J. F. Schouten and N. Rodenburg. 2,561,073, July 17.
Counting, stacking, and packing machine. R. K. Pottle. 2,556,214, June 12.
Counting system, Electronic. A. H. Dickinson. 2,536,916, Jan. 2.
Counteracting average density fluctuation in motion-pictures. W. E. Pohl. 2,543,706, Feb. 27.
Counterbalanced and counteraction internal-combustion engine. E. Zecher. 2,561,261, July 17.
Counterbalancing mechanism for overhead track doors. S. O. Svendsen. 2,549,140, Apr. 17.
Countercurrent extraction tower. S. G. Gallo and H. V. Hartvigsen. 2,562,783, July 31.
Countercurrent solvent extractor. G. R. Fitts and F. G. Low. 2,567,474, Sept. 11.
Counterflashing assembly. J. J. Fry. 2,538,240, Jan. 16.
Counterpoise mechanism for drafting machines. C. H. and C. H. Little. 2,552,335, May 8.
Countershaft brake. H. J. Findley. 2,550,545, Apr. 24.
Countershaft unit, Self-contained, speed-varying. P. B. Reeves. 2,549,637, Apr. 17.
Counterweight for door structures. J. Sylvan. 2,543,612, Feb. 27.
Coupler. M. T. Cahenzli, Jr. 2,562,294, July 31.
Coupler. F. H. Kayler. 2,548,479, Apr. 10.
Coupler apparatus, Automatic. J. Canetta and M. B. Cameron. 2,553,809, May 22.
Coupler attachment. S. Simonson. 2,568,831, Sept. 25.
Coupler, Car. H. H. Wolfe. 2,568,312, Sept. 18.
Coupler for joining of two tubes or structural elements of circular or other cross sections. O. Valenta. 2,567,659, Sept. 11.
Coupler for lubricating apparatus. E. W. Davis. 2,578,517, Dec. 11.
Coupler for toy cars and releasing means. C. K. and L. D. Edwards. 2,574,630, Nov. 13.
Coupler for toy railway trains. W. E. Rexford and D. Weidler. 2,569,071, Sept. 25.
Coupler, Spring trailer. E. J. Pazdernik. 2,550,083, Apr. 24.
Coupler system in electric musical instruments. R. P. Mork. 2,557,133, June 19.
Couplers containing terphenyl radicals, Color. C. F. H. Allen. 2,550,661, May 1.
Coupling: *See*—
Adjustable length pipe coupling.
Automatic trailer coupling.
Automatically adjustable rotary turbine-type hydraulic coupling.
Balanced to unbalanced coupling.
Ball-and-socket coupling.
Ball lock coupling.
Break-away coupling.
Coaxial coupling.
Coaxial line coupling.
Collapsible hose coupling.
Combined pipe and electric coupling.
Cylinder coupling.
Dead-end coupling.
Demountable pipe coupling.
Differential drive rotary fluid coupling.
Differential drive turbine type fluid coupling.
Drill stock power drive coupling.
Electroacoustic diaphragm coupling.
End thrust and torque transmitting coupling.
Flanged tube coupling.
Flareless tube and pipe coupling.
Flexible and piloted shaft coupling.
Flexible coupling.
Flexible drive coupling.
Flexible hose coupling.
Flexible shaft coupling.
Flexible slip coupling.
Fluid coupling.
Fluid line coupling.
Hose coupling.
Hydraulic coupling.
Hydraulic variable slip coupling.
Magnetic coupling.
Overload release coupling.
Pipe coupling.
Reattachable gasoline hose coupling.
Releasable coupling.
Resilient drive coupling.
Reversible rotary hydraulic coupling.
Reversible turbine type fluid coupling.
Rotary fluid coupling.
Rotary hydraulic coupling.
Rotary turbine type fluid coupling.
Rotary turbine type hydraulic coupling.

Coupling: *See*—Continued.
Rotary turbine-type hydrokinetic coupling.
Self-sealing releasable coupling.
Self-upsetting coupling.
Shaft coupling.
Slip cushion coupling.
Speed and torque responsive coupling
Speed responsive coupling.
Spring coupling.
Swivel coupling.
Swivel pipe coupling.
Telescoped coupling.
Threaded coupling.
Torque transmitting angle coupling.
Torque-transmitting coupling.
Toy coupling.
Train line coupling.
Tube coupling.
Two-piece hose coupling.
Typewriter ratchel wheel coupling.
Unibolt coupling.
Universal coupling.
Valved coupling.
Valved hose coupling.
Valved pipe coupling.
Variable inductive coupling.
Variable-speed coupling.
Vented refrigerant tube coupling.
Wave guide coupling.

Coupling. C. P. Baum. 2,551,577, May 8.
Coupling. C. E. Earle and C. A. Covington. 2,552,543, May 15.
Coupling. H. C. Grant, Jr. 2,555,483, June 5.
Coupling. R. H. Hunter and E. J. Kasper. 2,578,933, Dec. 18.
Coupling. R. Iredell, Jr. 2,562,359, July 31.
Coupling. J. Mann. 2,566,575, Sept. 4.
Coupling. A. W. Miller. 2,544,712, Mar. 13.
Coupling. A. W. Miller. 2,554,585, May 29.
Coupling. E. P. Neher. 2,537,847, Jan. 9.
Coupling. W. S. Pangborn. 2,565,572, Aug. 28.
Coupling. A. T. Scheiwer. 2,536,702, Jan. 2.
Coupling. A. T. Scheiwer. 2,568,516, Sept. 18.
Coupling. R. W. Swank. 2,543,590, Feb. 27.
Coupling actuated magnetic switch. W. McLeod. 2,573,920, Nov. 6.
Coupling and belt lifter, Vacuum cleaner attachment. T. F. Stent. 2,548,632, Apr. 10.
Coupling and clutch, Fluid. J. B. Black. 2,544,551, Mar. 6.
Coupling and clutch, Fluid impact. W. P. van Lammeren. 2,570,889, Oct. 9.
Coupling and measuring device, Ultra high frequency. M. D. Fiske. 2,549,443, Apr. 17.
Coupling and tone-control system for audio amplifiers. J. W. Acosta. 2,563,299, Aug. 7.
Coupling and transmission mechanism. H. Scheibler. 2,536,396, Jan. 2.
Coupling apparatus for tractors, Safety type. J. E. Hopkins. 2,550,813, May 1.
Coupling apparatus, High-frequency. W. M. Roberds. 2,542,841, Feb. 20.
Coupling arrangement between an electron discharge device and cavity resonators. W. R. Rambo. 2,547,411, Apr. 3.
Coupling assembly, Flexible. C. I. Place. 2,554,311, May 22.
Coupling between radio chassis and variable condenser mounted thereon, Antivibrating driving. J. C. A. Recourt. 2,539,033, Jan. 23.
Coupling connection. E. J. Bloomer. 2,537,183, Jan. 9.
Coupling connection. A. F. Johnson. 2,556,544, June 12.
Coupling device. G. Deakin. 2,559,600, July 10.
Coupling device. A. B. Nearing and E. U. Sandin. 2,577,145, Dec. 4.
Coupling device. G. E. Platzer. 2,574,191, Nov. 6.
Coupling device. H. Raymond. 2,563,366, Aug. 7.
Coupling device. C. W. Wahl. 2,560,613, July 17.
Coupling device, Acoustic. R. H. Postal. 2,544,765, Mar. 13.
Coupling device and safety clip therefor, Parachute harness. C. C. Kajdan. 2,544,995, Mar. 13.
Coupling device, Electrical. W. T. Blasdell. 2,564,520, Aug. 14.
Coupling device for building structures. G. W. Anderson. 2,540,468, Feb. 6.
Coupling device for micro-wave energy. E. C. Okress. 2,557,391, June 19.
Coupling device for two colinear shafts. G. E. Cuttat. 2,577,311, Dec. 4.
Coupling device, High-frequency coaxial. J. R. Bird and M. M. Wells. 2,552,707, May 15.
Coupling device, Magnetic. A. Varga. 2,567,863, Sept. 11.
Coupling device, Safety. H. Eckhardt. 2,539,534, Jan. 30.
Coupling device, Ultrahigh-frequency. L. Malter and J. L. Moll. 2,576,186, Nov. 27.
Coupling drive for high-pressure stirred reactors, Magnetic. H. E. Spears and I. Mayer. 2,556,854, June 12.
Coupling especially adapted for spinning buckets, Centrifugal. E. T. Birsch. 2,538,227, Jan. 16.
Coupling for conveying rotary motion, Disengageable. H. Sinclair. 2,536,473, Jan. 2.
Coupling for dentists' drill hand piece detachable spray nozzle structures. M. Ganz. 2,557,377, June 19.
Coupling for fish hooks and leaders. W. A. Zavod. 2,552,248, May 8.
Coupling for flexible pipes. J. C. Williams and I. S. Winby. 2,552,077, May 8.
Coupling for high-pressure fluid lines, Quick-release. A. T. Scheiwer. 2,545,796, Mar. 20.
Coupling for hydraulic control systems, Fluid line. P. L. Hanson and E. H. Fletcher. 2,578,542, Dec. 11.
Coupling for line space wheels. K. Gebhardt. 2,567,640, Sept. 11.
Coupling for liquid cooled cable, Electrical contact. L. H. Timmins. 2,549,264, Apr. 17.
Coupling for model railway rolling stocks, Automatic. S. C. Pritchard. 2,558,383, June 26.
Coupling for pipes or the like, Union type. L. S. Hamer. 2,568,232, Sept. 18.
Coupling for pipes, Sleeve. J. B. Smith. 2,567,243, Sept. 11.
Coupling for power cables, Quick disconnect. J. W. Anderson and J. W. Hamilton. 2,574,456, Nov. 13.
Coupling for shafts and the like, Flexible. R. C. McLeod and G. B. R. Feilden. 2,550,580, Apr. 24.
Coupling for shafts, Flexible. J. Deubel. 2,567,663, Sept. 11.
Coupling for shafts, Safety. C. F. Desmond. 2,537,122, Jan. 9.
Coupling for stirrups, Safety. E. Hrabal. 2,537,532, Jan. 9.
Coupling for telephone receivers and hearing aid sets. G. G. Lavery. 2,554,834, May 29.
Coupling for the transmission of torque, Automatically releasing. R. H. Thorner. 2,565,579, Aug. 28.
Coupling for vehicle accessories, Attachment. L. B. Neighbour and W. W. Kellums. 2,558,266, June 26.
Coupling for wave guides. L. Hochgraf. 2,564,007, Aug. 14.
Coupling gasket. C. M. Drinkwater, Jr. 2,571,348, Oct. 16.
Coupling in high-frequency electric discharge devices, Interelectrode. E. D. McArthur. 2,543,637, Feb. 27.
Coupling loop. S. Sensiper. 2,543,809, Mar. 6.
Coupling means for irrigation pipes. G. Cornelius. 2,541,208, Feb. 13.
Coupling mechanism, Rotational limit shaft. R. H. Anderson. 2,544,974, Mar. 13.
Coupling member, Turnable. G. V. Woodling. 2,543,087–8, Feb. 27.
Coupling members, Producing toothed. E. Wildhaber. 2,538,999, Jan. 23.
Coupling of amines by means of ditertiary-alkyl peroxides. J. H. Raley and F. H. Seubold, Jr. 2,537,857, Jan. 9.
Coupling pin. O. Belke and W. Pinnow. 2,545,066, Mar. 13.
Coupling pin. R. E. and E. J. Kellogg. 2,547,326, Apr. 3.
Coupling seal, Flanged. A. Henderson. 2,547,321, Apr. 3.
Coupling structure. J. F. P. Farrar. 2,575,338, Nov. 20.
Coupling structure. D. W. Fentress. 2,561,351, July 24.
Coupling system, Adjustable. A. G. Manke. 2,558,573, June 26.
Coupling system for magnetostrictive elements, Electrical. H. L. Donley and C. Wentworth. 2,571,019, Oct. 9.
Coupling unit, Plural-frequency. E. A. Jensen. 2,543,973, Mar. 6.
Course indicator. L. F. Beach, O. E. Esval, and A. W. Lane. 2,561,332, July 24.
Course or condition maintaining mechanism. L. F. Falkenstein. 2,565,213, Aug. 21.
Cover: *See*—
Adjustable book cover.
Automobile hubcap cover.
Basket cover.
Boat cover.
Breast cover.
Buoyant hatch cover.
Button cover.
Chain pipe cover.
Conduit box cover.
Container cover.
Corpse viewing cover.
Crib cover.
Diaper cover.
Dish cover.
Eave trough cover.
Field cover.
Frying pan cover.
Furniture slip cover.
Handle and lock cover.
Hanger cover.
Infant's diaper cover.
Interchangeable replacement seat cover.
Interlocking phonograph turntable cover.
Ironing pad cover.
Loading dock cover.
Mattress cover.
Metal cover.
Meter box cover.
Molding cover.
Muzzle cover.
Pressing machine pad cover.
Quickly removable filter casing cover.
Radiant cover.
Reel cover.
Seat cover.
Sectional athletic field cover.
Shade cover.
Stock water tank cover.
Tobacco can humidor cover.
Toilet seat cover.
Transparent plant protective cover.
Umbrella cover.
Universal automobile cover.
Vehicle door upholstery cover.
Vehicle wheel cover.
Ventilating hive cover.
Wheel cover.
Windshield cover.

Cover and colander, Combined frying pan. J. Presenti. 2,541,094, Feb. 13.
Cover and cushion, Seat. C. H. Rauschenberg. 2,567,402, Sept. 11.
Cover and frame, Manhole and inspection. V. Elkington. 2,545,771, Mar. 20.
Cover and holder, Bed. R. W. Meighan. 2,574,748, Nov. 13.
Cover and illuminating means for telephones, Combined. M. K. Laporte. 2,572,089, Oct. 23.
Cover and lock for toilet flush tanks. L. Parker and C. R. Hopper. 2,573,984, Nov. 6.
Cover and locking and sealing means therefor, Hatch. E. C. Liskey, Jr. 2,551,750, May 8.
Cover and protector, Flatiron. G. K. Pattison. 2,575,118, Nov. 13.

Cover and punch, Can. J. F. Seybold. 2,571,387, Oct. 16.
Cover and removable handle, Meat frying. R. H. Wendt. 2,536,246, Jan. 2.
Cover and seal construction for transformer tanks or the like. S. Horlick and R. C. Sefton. 2,544,789, Mar. 13.
Cover attachment for telephone hand sets. C. H. and M. E. Allen. 2,554,081, May 22.
Cover carriage, Soaking pit. E. E. Brosius. 2,555,953, June 5.
Cover clamp. A. I. Appleton. 2,569,914, Oct. 2.
Cover cloth, Asbestos-nylon. H. E. Sunbury and W. C. Hitchcock. 2,542,297, Feb. 20.
Cover device, Display. W. C. Milbrandt. 2,549,917, Apr. 24.
Cover for animals, Protective. W. A. Bailey. 2,539,606, Jan. 30.
Cover for caskets, Protective. W. J. Runyon. 2,539,164, Jan. 23.
Cover for catch basins, Safety replacement. O. W. Nelson. 2,576,353, Nov. 27.
Cover for curb boxes and the like. V. E. Beagle. 2,566,870, Sept. 4.
Cover for door locks. E. N. Jacobi. 2,562,038, July 24.
Cover for drawers, Dust. W. J. S. Ritscher. 2,564,448, Aug. 14.
Cover for flexible shaft couplings. A. T. Barager. 2,547,734, Apr. 3.
Cover for garment hangers. H. E. Harmon. 2,539,621, Jan. 30.
Cover for garment hangers. A. L. Madsen. 2,566,232, Aug. 28.
Cover for hot-water bottles, Doll. E. S. Price. 2,538,123, Jan. 16.
Cover for mops, Removable. G. Heron. 2,546,505, Mar. 27.
Cover for open ends of containers for granular material having a spring-biased reciprocable valve, Dispensing. N. Loeb and B. A. Margolis. 2,537,415, Jan. 9.
Cover for open top trailers. C. W. Bond. 2,551,239, May 1.
Cover for outlet boxes, Temporary. C. J. Gorman. 2,573,260, Oct. 30.
Cover for pails. R. G. Curtis. 2,567,322, Sept. 11.
Cover for papermaking machines, Suction box. D. R. Robbins. 2,543,870, Mar. 6.
Cover for pickup trucks, Flexible. W. E. Dingman. 2,562,300, July 31.
Cover for poultry drinking troughs. E. W. Rau. 2,549,237, Apr. 17.
Cover for punch presses, Guide pin. H. D. Gordon. 2,576,112, Nov. 27.
Cover for railway refrigerator cars, Carbon dioxide tank. H. V. Williamson and J. C. Hesson. 2,556,354, June 12.
Cover for ring watches and the like, Pivoted. S. A. Wittmayer. 2,545,219, Mar. 13.
Cover for sanitary napkins, Moistureproof. E. K. Newman. 2,551,691, May 8.
Cover for truck bodies, Slidable. J. A. Seaman, Jr. 2,549,938, Apr. 24.
Cover for upholstered articles of furniture, Removable. J. R. Russell. 2,567,579, Sept. 11.
Cover for upholstered furniture, Slip. G. S. and N. I. Krasnov. 2,556,926, June 12.
Cover for vehicles, Collapsible. J. P. McNavage. 2,559,310, July 3.
Cover for Venetian blinds, Headbox. F. J. Burns. 2,551,787, May 8.
Cover for washing machines and the like. C. G. Frantz. 2,551,257, May 1.
Cover latch for automobile baggage compartments. R. L. Stevenson. 2,537,799, Jan. 9.
Cover or shield, Toilet pipe. E. F. Larson. 2,567,607, Sept. 11.
Cover securing means for containers. W. Tamoschat. 2,536,785, Jan. 2.
Cover sheet stripping mechanism. N. H. Morrison. 2,560,301, July 10.
Cover unit for dental chairs, Headrest. I. E. Rotner. 2,566,582, Sept. 4.
Cover vent. G. C. Weingardt. 2,546,708, Mar. 27.
Cover with fluid trap chamber, Milker pail. F. G. Hodsdon. 2,555,543, June 5.
Covered articie. C. E. Webb. 2,564,386, Aug. 14.
Covered expansion joint. R. T. Lyons. 2,580,034, Dec. 25.
Covered top with edge binder for furniture. J. R. Jones and F. H. Bloomstran. 2,562,360, July 31.
Covering device. G. Hertz. 2,572,722, Oct. 23.
Covering, Floor and wall. W. Stubblebine. 2,552,600, May 15.
Covering for blast furnace bells, Protective. J. C. S. Ginder and J. M. Walsh, Jr. 2,559,763, July 10.
Covering for brassières, Breast. E. K. La Roe and J. E. Lilienfeld. 2,570,352, Oct. 9.
Covering for cricket type chairs. E. M. Yerby. 2,563,203, Aug. 7.
Covering for ice removal from airfoils, Protective. A. M. La Rue. 2,556,330, June 12.
Covering for the leading edges of airfoils, Protective. J. O. Antonson. 2,555,625, June 5.
Covering, Head. J. De Grazia. 2,567,192, Sept. 11.
Covering hood for paper rolls. G. A. Pendergast. 2,579,201, Dec. 18.
Covering, Insulating. P. F. McDermott and H. E. Holcomb. 2,577,427, Dec. 4.
Covering to prevent ice accumulations, Protective. T. C. Harper. 2,560,287, July 10.
Cow stall, Adjustable comfort. C. Schillinger. 2,578,093, Dec. 11.
Cow stanchion construction. M. Reifsnyder. 2,557,688, June 19.
Cowl fastener. V. W. Sorensen. 2,551,400, May 1.
Cowl flap control for aircraft. D. N. Lawrence. 2,543,112, Feb. 27.
Cowl for air-cooled internal-combustion engines for aircraft. B. G. Markham and D. J. Kenney. 2,558,865, July 3.
Cowl for fans. O. A. Sutton. 2,554,602, May 29.
Cowling for fans or the like, Adjustable. M. B. Curley. 2,544,490, Mar. 6.
Crabbing device. L. M. Ball. 2,565,163, Aug. 21.
Cracking and coking heavy hydrocarbons. J. Weikart. 2,543,884, Mar. 6.
Cracking apparatus. F. J. Fontana. 2,562,903, Aug. 7.
Cracking process. W. C. Offutt and M. C. Fogle. 2,568,967, Sept. 25.
Cracking with acid-treated clay catalyst. J. H. Hickey. 2,579,576, Dec. 25.
Cracking with hydrofluoric acid catalyst. J. A. Ridgway, Jr., and P. Hill. 2,540,379, Feb. 6.
Cradle. F. W. Parker. 2,548,811, Apr. 10.
Cradle, Adjustable slaughtering. C. E. Dillon. 2,536,268, Jan. 2.
Cradle for long draft spinning. R. R. Pope. 2,557,036, June 12.
Cradle, Nursery. J. M. Cranfill, Jr., M. M. and C. A. Wheat. 2,557,907, June 19.
Cradle rocking spring mechanism. O. Carlson. 2,559,939, July 10.
Cradle, Stranding machine spool. L. C. Frazier. 2,567,329, Sept. 11.
Craftsman's guideline holder. S. F. Alwood. 2,544,645, Mar. 13.
Cranberry washer. R. S. Johnson. 2,558,138, June 26.
Crane. W. W. Berchtold. 2,553,955, May 22.
Crane. A. E. Ormsby. 2,549,120, Apr. 17.
Crane, Demountable. P. B. Craighead and G. H. Nelson. 2,569,628, Oct. 2.
Crane for attachment to tractors. J. H. Walker and C. W. Crenshaw. 2,543,391, Feb. 27.
Crane, Heavy-duty mobile. R. G. Le Tourneau. 2,574,646, Nov. 13.
Crane, Portable. G. H. Hubbard. 2,558,686, June 26.
Crane, Portable derrick. H. F. Illies. 2,568,959, Sept. 25.
Crane, Rotary. H. B. Lee. 2,547,398, Apr. 3.
Crane, Ship mounted. J. W. Speer. 2,551,066, May 1.
Crane, Truck. H. A. and G. H. Wagner. 2,557,484, June 19.
Crane, Truck mounted. G. E. Richards and F. O. Standring. 2,557,466, June 19.
Crane with telescopic mast, Hydraulic. W. Harbaugh. 2,537,755, Jan. 9.
Crank, Adjustable rotary counterbalance. J. F. Eaton. 2,575,075, Nov. 13.
Crankcase attachment. R. D. Hess. 2,575,274, Nov. 13.
Crankcase breather and oil filler pipe assembly. W. C. and C. H. Shirk, and J. A. and R. C. Jacobsen. 2,575,400, Nov. 20.
Crankcase breather opening filter. J. H. Stootman. 2,539,378, Jan. 23.
Crankcase cleaner. W. R. Calloway. 2,553,894, May 22.
Crankcase cleaner. G. Stevens. 2,554,389, May 22.
Crankcase for internal-combustion engines. W. Harper. 2,539,132, Jan. 23.
Crankcase ventilation. G. C. Morris. 2,578,576, Dec. 11.
Crankcase ventilation, Method and aparatus for. B. R. Chase. 2,558,478, June 26.
Crank device, Safety. S. L. Grove. 2,548,666, Apr. 10.
Crank handle with counter-balancing means. P. C. Tillman. 2,577,931, Dec. 11.
Crank means for laterally movable doors. T. Madland. 2,559,447, July 3.
Crank member for sliding doors, Supporting. G. E. Dath, 2,543,155, Feb. 27.
Crankshaft bearing assembly. R. M. Heintz, J. W. Frazier, and L. J. Koch. 2,547,465, Apr. 3.
Crankshaft bearing assembly. E. K. Johansen. 2,573,574, Oct. 30.
Crankshaft chuck. W. R. Meyer. 2,570,964, Oct. 9.
Crankshaft construction. W. J. Parducci. 2,557,559, June 19.
Crankshaft construction. B. W. Wheelis. 2,566,785, Sept. 4.
Crankshaft for internal-combustion engines, Counterbalanced. J. E. Witzky, W. S. Lang, and R. J. Jakob. 2,568,576, Sept. 18.
Crankshaft twisting machine. A. K. Nowak. 2,542,050, Feb. 20.
Crankless mechanism. T. L. Sherman. 2,548,686, Apr. 10.
Crash guard for bicycles and the like. R. C. Persons. 2,575,292, Nov. 13.
Crate. C. W. Griffith. 2,552,007, May 8.

Crate and liner, Fruit. G. J. Schmitz. 2,561,143, July 17.
Crate, Automatic hog. R. E. Abernathy. 2,566,013, Aug. 28.
Crate closure, Poultry. T. W. Roberg. 2,579,128, Dec. 18.
Crate, Collapsible. D. J. Roof. 2,557,469, June 19.
Crate, Collapsible poultry shipping. H. H. McCurdy. 2,539,260, Jan. 23.
Crate, Leaf tobacco harvesting. H. L. Hendrick. 2,555,926, June 5.
Crate, Metal-lined. C. W. Saunders. 2,560,989, July 17.
Crate, Stackable pallet type. B. C. Coit, Jr. 2,576,672, Nov. 27.
Crate, Wooden carboy. J. R. Wallace. 2,559,236, July 3.
Cravat holder. J. W. Ogden. 2,568,511, Sept. 18.
Crawler tractor shoe and rubber tread therefor. W. O. Bechman and W. W. Henning. 2,558,922, July 3.
Crayon holder. W. G. Henneman. 2,538,155, Jan. 16.
Cream remover. G. Severud. 2,573,500, Oct. 30.
Cream remover, Valve-spout. J. A. Danielson. 2,552,154, May 8.
Cream sediment tester. W. P. Wilborn. 2,536,406, Jan. 2.
Crease retainer, Adjustable hat. G. Maniglia. 2,576,690, Nov. 27.
Creasing machine, Plastic sheet. R. F. Taber. 2,556,605, June 12.
Credit balance mechanism for calculating machines. T. O. Mehan. 2,550,581, Apr. 24.
Creel. E. K. Bauer. 2,547,072, Apr. 3.
Creel. F. Lambach. 2,575,348, Nov. 20.
Creel. E. J. McBride. 2,552,338, May 8.
Creel adapter, Dual purpose. S. R. Dougherty. 2,563,994, Aug. 14.
Creel apparatus, including guard support for a cone. W. E. Head. 2,545,203, Mar. 13.
Creel, Boat. I. M. Wells. 2,560,054, July 10.
Creel or basket, Fishing. G. H. Mavrakis. 2,538,576, Jan. 16.
Creel tensioning device. B. F. Shaffer and J. F. Sprute. 2,542,097, Feb. 20.
Crematory urn. M. J. MacDonald, C. and C. S. Schwendler. 2,562,726, July 31.
Creping nylon. A. L. Dorgin. 2,575,008, Nov. 13.
Crib. W. J. McNabb. 2,577,257, Dec. 4.
Crib, Air-conditioned baby. L. G. Netteland. 2,559,654, July 10.
Crib and cradle, Combination. W. Pope. 2,578,372, Dec. 11.
Crib and cradle, Convertible. G. L. Morris. 2,553,862, May 22.
Crib and play pen, Combination. M. S. Burgin. 2,548,769, Apr. 10.
Crib and play pen, Combination folding. F. L. Rex. 2,561,637, July 24.
Crib and stroller, Folding. T. F. Schmidt. 2,575,189, Nov. 13.
Crib and table, Convertible. W. N. Taylor, Jr. 2,570,609, Oct. 9.
Crib and wardrobe, Combined. G. R. Barrett. 2,567,986, Sept. 18.
Crib attachment. J. S. Judy. 2,544,428, Mar. 6.
Crib attachment device. T. Smigley. 2,554,883, May 29.
Crib, Car. M. E. F. Jones. 2,564,480, Aug. 14.
Crib construction, Cabinet type folding. C. V. Wilson. 2,544,207, Mar. 6.
Crib construction having a removable floor, Infant's. A. T. David. 2,536,357, Jan. 2.
Crib cover. L. M. Ball. 2,571,406, Oct. 16.
Crib cover. M. G. Bloomfield. 2,566,790, Sept. 4.
Crib, Folding. S. T. Aarestad. 2,574,610, Nov. 13.
Crib, Folding. L. Hoffman. 2,570,446, Oct. 9.
Crib, Folding. T. H. Lindgren. 2,569,937, Oct. 2.
Crib for babies, Shielded. V. S. Merdian. 2,566,737, Sept. 4.
Crib forming structure for combination with beds or the like. L. P. Price. 2,565,988, Aug. 28.
Crib, Infant's. M. A. Goldberger. 2,560,945, July 17.
Crib, Infant's. R. Schwarz. 2,555,160, May 29.
Crib-pen for babies, Convertible. H. H. Hanson. 2,553,087, May 15.
Crib-playpen, Combination. P. R. Graf and T. W. Tlapek. 2,574,559, Nov. 13.
Crib, Portable folding. L. K. Ebersole. 2,553,703, May 22.
Crib, Spring supported child's. E. F. Borrelli. 2,564,668, Aug. 21.
Crib, Swinging. E. C. Brown. 2,566,594, Sept. 4.
Crib, Telescopic. D. Hall. 2,555,032, May 29.
Cribbage board. A. J. Kulakusky. 2,536,188, Jan. 2.
Crimped artificial filaments, Making. M. P. Kulp and W. A. Sisson. 2,572,936, Oct. 30.
Crimped filaments, Manufacture of. H. and R. S. Von Kohorn. 2,548,181, Apr. 10.
Crimped plate capacitance strain gauge. J. R. Stovall, Jr., and I. Weintraub. 2,576,488, Nov. 27.
Crimping apparatus. D. D. Huyett. 2,541,361, Feb. 13.
Crimping device. R. W. Falconer. 2,569,850, Oct. 2.
Crimping die. J. C. Macy. 2,567,155, Sept. 4.
Crimping proteinaceous fibers. L. W. Rainard. 2,575,838, Nov. 20.
Crimping textile fibers. J. L. Barach. 2,575,781, Nov. 20.
Crimping textile fibers. J. H. Pfau and L. W. Rainard. 2,575,833, Nov. 20.
Crimping uncrosslinked fibers. L. W. Rainard. 2,575,839, Nov. 20.
Crochet thread holder. J. W. Taylor. 2,551,070, May 1.
Crop divider for harvesters, Rotary. S. H. Marsh. 2,543,324, Feb. 27.
Crop dusting equipment for aircraft. C. M. Denlinger. 2,539,816, Jan. 30.
Crop-moving means for harvester gathering units. M. W. Roscoe and J. F. Foster. 2,538,166, Jan. 16.
Crop pickup and feeding implement. C. A. Stevens. 2,578,609, Dec. 11.
Crossbar, Cargo-supporting. F. Fahland. 2,575,550, Nov. 20.
Crossbar structure. G. D. Stough and R. W. Fox. 2,556,302, June 12.
Crossbar switch. R. P. Arthur. 2,577,067, Dec. 4.
Cross bow. G. M. Stevens. 2,554,966, May 29.
Cross chain for tire chains. H. St. Pierre. 2,538,046, Jan. 16.
Cross-connected armature. W. E. Menzies. 2,574,650, Nov. 13.
Cross connection eliminator. J. D. Langdon. 2,574,488, Nov. 13.
Cross control system. R. S. Brannin. 2,571,106, Oct. 16.
Cross hair reticule. R. E. Brown. 2,562,695, July 31.
Crosshead assembly, Pump rod. C. E. Rulon. 2,557,472, June 19.
Cross-laying machine. C. D. Brown and G. E. Repass. 2,565,647, Aug. 28.
Cross-linked hydrolyzed interpolymer of vinyl acetate and allylidene diacetate and process. E. F. Izard. 2,569,932, Oct. 2.
Crosslinked sulfonated polystyrene. M. Baer. 2,580,271, Dec. 25.
Cross linking. J. F. Walker and S. E. Kokowicz. 2,548,455, Apr. 10.
Crossover manifold. C. H. Wiegman. 2,541,973, Feb. 13.
Crosstalk reduction in pulse multiplex receiver systems. A. Frum. 2,553,572, May 22.
Cross thread laying apparatus. L. Schwartz and M. S. Mansson. 2,573,614, Oct. 30.
Cross-wind undercarriage. R. W. Brown. 2,562,082, July 24.
Cross-wind undercarriage. J. H. Geisse. 2,577,416, Dec. 4.
Cross winding yarns on their supporting reels. M. Rouge. 2,550,086, Apr. 24.
Crotch construction. I. Rosen. 2,542,210, Feb. 20.
Crotonate esters of glyceryl polyethers of dihydric phenols. T. F. Bradley. 2,575,440, Nov. 20.
Crown and disk assembly and testing machine. R. P. Smith. 2,538,887, Jan. 23.
Crown and traveling blocks and a reeving system therefor. F. J. Young. 2,546,683, Mar. 27.
Crown block double roller bearing. C. L. Knaak. 2,562,045, July 24.
Crown block safety switch. G. D. Johnson. 2,575,627, Nov. 20.
Crown shaving gears. W. S. Praeg. 2,542,569, Feb. 20.
Crucible for metal melting. C. F. Leitten and T. W. Campbell. 2,543,700, Feb. 27.
Crude purified Hevea rubber. C. E. Rhines. 2,560,744, July 17.
Crushable container. H. R. Bishop. 2,546,848, Mar. 27.
Crushed ice dispenser. F. W. Topping. 2,556,510, June 12.
Crusher and stemmer, Grape. A. Ferrari. 2,543,571, Feb. 27.
Crusher construction. G. E. Conway. 2,554,697, May 29.
Crusher-feeder, Toothed roll. F. H. and A. G. Nickle. 2,539,317, Jan. 23.
Crusher-feeder, Two-roll type. F. H. and A. G. Nickle. 2,562,282, July 31.
Crusher, Gyratory. S. W. Traylor, Jr. 2,550,098, Apr. 24.
Crusher, Jaw. H. J. Shelton. 2,566,583, Sept. 4.
Crusher mill. G. W. Borton. 2,575,380, Nov. 20.
Crusher with traveling breaker plates, Reversible. L. A. Rhodes. 2,547,888, Apr. 3.
Crushing machine. A. H. Amery. 2,567,045, Sept. 4.
Crutch. N. R. Henry. 2,544,957, Mar. 13.
Crutch. C. B. Neptune. 2,568,654, Sept. 18.
Crutch. J. M. Peters. 2,575,681, Nov. 20.
Crutch, Adjustable. K. M. Hilgeman. 2,547,265, Apr. 3.
Crutch, Adjustable. G. Wisecarver. 2,554,653, May 29.
Crutch, Adjustable contour. M. A. and J. C. Miley. 2,552,902, May 15.
Crutch and crutch attachment. M. Bonn. 2,548,253, Apr. 10.
Crutch attachment, Package carrying. C. W. Taylor. 2,553,730, May 22.
Crystal analysis apparatus. J. E. Coleman. 2,556,167, June 12.
Crystal contact device. R. W. Douglas and E. G. James. 2,572,993, Oct. 30.
Crystal contacts of which one element is mainly silicon. D. E. Jones, C. E. Ransley, J. W. Ryde, and S. V. Williams. 2,569,892, Oct. 2.
Crystal controlled calibrator for self-pulsed radar. F. E. Steele. 2,560,607, July 17.
Crystal cutter driving circuit. L. V. Wells. 2,541,393, Feb. 13.
Crystal detector assembly. A. Noyes, Jr. 2,555,151, May 29.
Crystal detector superregenerative receiver. J. C. Reed, Jr. 2,578,838, Dec. 18.

Crystal diodes and joint contact device. H. F. Mataré and A. Poilleaux. 2,569,570, Oct. 2.
Crystal dividing machine. J. Marson and W. J. Workman. 2,563,476, Aug. 7.
Crystal formation and precipitation. V. J. Schaefer. 2,570,867, Oct. 9.
Crystal grinder attachment for suction cleaners. E. F. Martinet. 2,574,578, Nov. 13.
Crystal lapping apparatus, Piezoelectric. J. M. Wolfskill. 2,539,561, Jan. 30.
Crystal pickup. R. H. Dreisbach. 2,567,105, Sept. 4.
Crystal unit. A. G. Laird. 2,575,819, Nov. 20.
Crystalline ammonium penicillin, Preparation of. M. Senkus. 2,538,735, Jan. 16.
Crystalline complexes of sterols with oximes. J. T. Hackmann. 2,540,047, Jan. 30.
Crystalline penicillin salts, Preparation of. M. Senkus. 2,580,364, Dec. 25.
Crystalline product of insulin and alkaline protein and making it. C. H. Krayenbühl and T. Rosenberg. 2,538,018, Jan. 16.
Crystalline sulfaquinoxaline and acetone and its production. R. H. Beutel and J. A. Elder, Jr. 2,540,236, Feb. 6.
Crystalline sulfur, Producing. C. B. Wilde. 2,562,158, July 24.
Crystallization. W. C. Saeman. 2,567,968, Sept. 18.
Crystallization of lysozyme from egg white. G. Alderton and H. L. Fevold. 2,579,455, Dec. 25.
Crystallization of sodium naphthalene beta sulfonates. A. G. Hill and S. I. Gale. 2,568,154, Sept. 18.
Crystallization process, Continuous extractive. P. M. Arnold. 2,540,083, Feb. 6.
Crystallization process, Continuous fractional. P. M. Arnold. 2,540,977, Feb. 6.
Crystallized fruit spread and making same. J. W. White, Jr. 2,573,750, Nov. 6.
Crystallizer, Spray saturator. C. Otto. 2,549,848, Apr. 24.
Crystallizing crystallizable substances. P. F. Sharp. 2,565,097, Aug. 21.
Crystallizing process. W. O. Pool and R. S. Sedgwick. 2,543,055, Feb. 27.
Crystallizing solutions. L. Vâhl. 2,569,357, Sept. 25.
Cubic loud-speaker cabinet. C. A. Volf. 2,544,742, Mar. 13.
Cue tip trimmer. H. Bozarth. 2,577,995, Dec. 11.
Cuff link. C. Marien. 2,551,565, May 1.
Cuff link with movable head. E. Morehouse. 2,544,893, Mar. 13.
Cuff link with tilting head. J. C. Bagnall, Jr. 2,548,930, Apr. 17.
Cuff marking device. D. L. Hutkin and L. Lettes. 2,574,148, Nov. 6.
Cuff tacker attachment. F. C. Stein. 2,548,827, Apr. 10.
Cuff, Trouser. A. A. Fogley. 2,538,304, Jan. 16.
Culinary utensil. R. L. Whitnah and E. H. McKeehan. 2,567,091 Sept. 4.
Culling device, Chicken. W. G. Ewell. 2,567,664, Sept. 11.
Cultivating machine, Lawn. W. E. Heubach. 2,544,958, Mar. 13.
Cultivator. T. J. Denning. 2,562,486, July 31.
Cultivator. W. A. Harper. 2,542,195, Feb. 20.
Cultivator attachment. C. J. Carlson. 2,561,650, July 24.
Cultivator, Cam operated oscillatory. W. A. Harrison. 2,551,120, May 1.
Cultivator, Crust breaking. F. R. Friend. 2,579,561, Dec. 25.
Cultivator equipment for tractors. W. H. Crenshaw. 2,560,636, July 17.
Cultivator, Peanut. R. D. Hennigan. 2,547,753, Apr. 3.
Cultivator, Power. L. E. Bowman. 2,571,191, Oct. 16.
Cultivator, Power-driven. A. C. Howard. 2,545,735, Mar. 20.
Cultivator, Rolling row crop. N. E. Cummings. 2,574,379, Nov. 6.
Cultivator, Row. I. Myer. 2,567,343, Sept. 11.
Cultivator spring trip. T. Brown. 2,575,510, Nov. 20.
Cultivator, Tractor mounted. F. T. Court. 2,576,780, Nov. 27.
Cultivator, Tractor mounted. R. S. Reaves. 2,560,702, July 17.
Cultivator, Tractor mounted disk. S. J. Miller. 2,539,632, Jan. 30.
Cultivator, Tractor mounted disk. N. B. Milton. 2,576,351, Nov. 27.
Culvert pipe. D. K. MacLeod. 2,536,758, Jan. 2.
Cumene, Preparation of. B. B. Corson and W. M. Kutz. 2,572,701, Oct. 23.
Cup and cover. J. C. Barnes. 2,574,612, Nov. 13.
Cup and handle therefor, Paper. W. E. Amberg. 2,558,287, June 26.
Cup dispenser. S. F. Anderson. 2,538,185, Jan. 16.
Cup dispenser. S. O. Morrison. 2,543,746, Mar. 6.
Cup dispenser. L. K. Pickering. 2,556,852, June 12.
Cup dispenser. S. D. Polsen and S. H. Nelson. 2,556,740, June 12.
Cup, Folding paper. H. B. Cranshaw. 2,577,109, Dec. 4.
Cup for refrigerated commodities. A. Ziska. 2,561,262, July 17.
Cup forming and dispensing mechanism for beverage vending machines. J. H. King. 2,575,386, Nov. 20.
Cup guiding device. R. E. Parks. 2,571,479, Oct. 16.
Cup holding device. Multiple. A. J. Traumuller. 2,561,715, July 24.
Cup, Insulated. M. W. Morse. 2,563,352, Aug. 7.
Cup making machine, Paper. P. E. Wixon and C. E. Chapman. 2,546,621, Mar. 27.
Cup or like receptacle, Handled. K. T. Buttery and L. W. Sutherland, Jr. 2,560,927, July 17.
Cup, Variable capacity measuring. W. W. Jennings. 2,551,002, May 1.
Cupboard, Grocery. A. T. Assmundsson. 2,577,396, Dec. 4.
Cupola briquette. M. Olivo. 2,540.173, Feb. 6.
Cupola charging apparatus. J. N. Richardson. 2,543,379, Feb. 27.
Cuprammonium hydroxide solution and preparing the same, Stabilized. C. E. Thorp. 2,548,636, Apr. 10.
Cupric ammonium arsenite solutions, Preparing. E. Farber. 2,573,252, Oct. 30.
Cupric ammonium borate solutions, Producing. E. Farber. 2,573,253, Oct. 30.
Cupric d-penicilloate-G, Preparation of. J. D. Dutcher, J. Bernstein, and M. Dexter. 2,538,963, Jan. 23.
Cupriferous azo-dyestuffs of the stilbene series. R. Gunst. 2,574,782, Nov. 13.
Cuprous oxide, Producing. J. W. Ayers. 2,554,319, May 22.
Curb finders for motor vehicles. L. A. Ihlein. 2,561,865, July 24.
Curb inlet casting. D. W. S. Crocker. 2,566,119–20, Aug. 28.
Cure-activation compositions. E. A. Van Valkenburgh. 2,555,257, May 29.
Curing of meat. H. C. Olien and N. S. Geisenheimer. 2,549,924, Apr. 24.
Curing polyester resins. W. G. Simons and E. H. Dafter, Jr. 2,537,375, Jan. 9.
Curing positive storage battery plates. A. L. Hindall. 2,553,192, May 15.
Curing process for bacon. S. L. Komarik and L. A. Hall. 2,553,533, May 15.
Curl setting device. N. L. Solomon, W. F. Feyrer, and A. E. Anderson. 2,544,364, Mar. 6.
Curler, Eyelash. E. B. Hickey. 2,552.095, May 8.
Curler, Eyelash. J. P. Wolff. 2,565,541, Aug. 28.
Curler for making pin curls. J. H. and E. Q. Moses. 2,575,184, Nov. 13.
Curler, Hair. E. M. Arsenault. 2,567,503, Sept. 11.
Curler, Hair. R. Bacon. 2,552,509, May 15.
Curler, Hair. E. W. Carper. 2,570,206, Oct. 9.
Curler, Hair. W. F. Feyrer, and N. L. Solomon. 2,568,146, Sept. 18.
Curler, Hair. S. Frishberg. 2,549,446, Apr. 17.
Curler, Hair. S. Frishberg. 2,557,060, June 19.
Curler, Hair. A. T. Kirsch. 2,561,666, July 24.
Curler, Hair. M. L. Lewis. 2,573,033, Oct. 30.
Curler, Hair. L. J. Marvin. 2,558,305, June 26.
Curler, Hair. J. H. Paul. 2,559,995, July 10.
Curler, Hair. C. W. Renstrom. 2,579,204, Dec. 18.
Curler, Hair. M. N. M. Roth. 2,563,421, Aug. 7.
Curler, Hair. E. J. Saucier. 2,549,530, Apr. 17.
Curler or winder, Motor-driven hair. E. J. Saucier. 2,564,628, Aug. 14.
Curling device, Hair. A. D., Robert A., and Raymond A. Kutzler. 2,573,456, Oct. 30.
Curling device, Hat brim. W. C. Griffing. 2,542,811, Feb. 20.
Curling hair. A. C. Glick. 2,575,589, Nov. 20.
Curling iron and pressing comb heater. W. M. Patton. 2,580,377, Dec. 25.
Current feed and holder for positive carbon of motion-picture projector lamps. R. W. Gooch. 2,571,128, Oct. 16.
Current limit control circuit. W. J. Brown. 2,554,695, May 29.
Current limit generator. A. W. Kimball and M. H. Fisher. 2,546,003, Mar. 20.
Current limiter system. V. A. Sander. 2,565,631, Aug. 28.
Current rectifier, Electric. E. A. Richards and L. J. Ellison. 2,568,764, Sept. 25.
Current shutoff mechanism. E. A. Morris. 2,578,940, Dec. 18.
Current storage device utilizing semiconductor. F. Gray. 2,547,386, Apr. 3.
Current supply apparatus. F. W. Anderson. 2,567,797, Sept. 11.
Current supply apparatus. H. H. Spencer. 2,568,172, Sept. 18.
Current supply apparatus. H. H. Spencer. 2,572,210, Oct. 23.
Current surge indicator. J. Oram. 2,562,434, July 31.
Current telephony, Multiplex carrier. A. Fromageot, M. A. Lalande, and R. Redard. 2,546,994, Apr. 3.
Cursor. P. F. Boehm. 2,538,502, Jan. 16.
Cursor with lock. P. F. Boehm. 2,541,858, Feb. 13.
Curtain. M. Druck. 2,548,879, Apr. 17.
Curtain. N. S. Hicks. 2,543,459, Feb. 27.
Curtain. H. B. Selkowe. 2,555,764, June 5.
Curtain accessory. G. F. Heubeck. 2,554,106, May 22.
Curtain, Adjustable window. C. M. Rubman. 2,555,155, May 29.
Curtain and drapery hanger. M. L. Paradise. 2,514,177, Mar. 6.

Curtain and shade bracket. C. E. McClure. 2,539,197, Jan. 23.
Curtain and shade fixture. K. J. Jensen. 2,545,147, Mar. 13.
Curtain construction, Cable. Y. W. Ehret. 2,555,848, June 5.
Curtain construction, Cable operated. Y. W. Ehret. 2,572,847, Oct. 30.
Curtain fixture, Cable operated. A. T. Hagerty and T. F. Brenneman. 2,579,187, Dec. 18.
Curtain for a child's nursery room. M. P. Collester. 2,569,290, Sept. 25.
Curtain for sectional desks, Flexible. C. F. Wolters and G. E. Watkins. 2,567,536, Sept. 11.
Curtain guard. J. J. Senogles. 2,578,607, Dec. 11.
Curtain hanging means. C. W. Hess. 2,568,498, Sept. 18.
Curtain, Heat retaining. D. F. Walton. 2,537,611, Jan. 9.
Curtain inserter. F. Robison. 2,541,293, Feb. 13.
Curtain, Metal. C. S. White. 2,545,400, Mar. 13.
Curtain rod. A. Barettella. 2,545,251, Mar. 13.
Curtain rod. L. D. Ford and F. L. Stutz. 2,560,942, July 17.
Curtain rod. O. N. Whitehead. 2,573,078, Oct. 30.
Curtain rod bracket. F. A. Gehret. 2,557,425, June 19.
Curtain rod bracket. W. C. Kenney. 2,552,180, May 8.
Curtain rod bracket. F. L. Stutz. 2,547,893, Apr. 3.
Curtain rod hanger. A. W. Tapp. 2,565,280, Aug. 21.
Curtain rod mounting. L. and L. A. Day. 2,563,009, Aug. 7.
Curtain stretcher. W. H. Bothe. 2,572,979, Oct. 30.
Curtain support for articles of furniture. A. E. Fridolph. 2,562,029, July 24.
Curtain supporting and operating mechanism. C. Rakeman. 2,564,995, Aug. 21.
Curtain, Tie-back. J. W. Bubeck. 2,537,734, Jan. 9.
Curtain, Tieback. P. A. Burrage. 2,563,306, Aug. 7.
Curtain, Window. M. Druck. 2,555,847, June 5.
Curved track overhead door. J. E. Tillotson. 2,575,201, Nov. 13.
Cushion. P. R. Robell. 2,538,880, Jan. 23.
Cushion assembly with auxiliary reinforcing spring. W. A. Clark. 2,568,055, Sept. 18.
Cushion, Bedpan. M. M. Fees. 2,559,246, July 3.
Cushion construction. S. J. Burns. 2,539,058, Jan. 23.
Cushion construction. C. S. Reed. 2,536,310, Jan. 2.
Cushion curler. C. W. Renstrom. 2,555,933, June 5.
Cushion, Draft gear. H. E. Van Dorn. 2,541,000, Feb. 6.
Cushion, Embossed rug. J. C. Gordon. 2,541,868, Feb. 13.
Cushion, Pneumatic. R. W. Sampson. 2,577,274, Dec. 4.
Cushion, Resilient. L. J. Zerbee. 2,579,284, Dec. 18.
Cushion, Seat. H. C. Flint. 2,537,640, Jan. 9.
Cushion, Seat. H. A. Flogaus. 2,552,039, May 8.
Cushion, Vented seat. K. A. Bostrom. 2,540,927, Feb. 6.
Cushion, Vibratory therapeutic. W. L. Wettlaufer. 2,539,712, Jan. 30.
Cushioned escapement support. F. W. Schremp. 2,579,763, Dec. 25.
Cushioned gear. T. L. Fawick. 2,561,103, July 17.
Cushioned railway wheel. J. H. Coombes. 2,548,839, Apr. 10.
Cushioning and shock absorbing device. C. L. Madden. 2,562,501, July 31.
Cushioning assembly unit for back rests. R. J. Freeman. 2,579,918, Dec. 25.
Cushioning device. E. H. Blattner. 2,552,145, May 8.
Cushioning device. G. H. Fuehrer and C. W. Hosking. 2,572,465, Oct. 23.
Cushioning device. R. G. Olson, Jr. 2,551,505, May 1.
Cushioning device for rock drills. J. H. Anderson. 2,558,165, June 26.
Cushioning device for telephone receivers. W. J. Konvalinka. 2,544,267, Mar. 6.
Cushioning mechanism. E. H. Blattner. 2,540,041, Jan. 30.
Cushioning mechanism. H. L. Spence. 2,564,771, Aug. 21.
Cushioning unit for shock absorbers. G. E. Dath. 2,553,635, May 22.
Cuspidor provided with saliva shield, Dental. C. H. Oertel. 2,549,514, Apr. 17.
Custard dispenser. J. L. Sammy. 2,560,664, July 17.
Cut-easy device. H. E. Smith. 2,548,243, Apr. 10.
Cutoff device for tubing. A. E. Chernack. 2,547,375, Apr. 3.
Cutoff device for tubing, Electrically controlled. D. F Bissell and C. P. Frederickson. 2,554,555, May 29.
Cutoff for radio receivers, Automatic. T. B. Hipps. 2,559,959, July 10.
Cutoff mechanism. J. H. Gibbons. 2,537,157, Apr. 3.
Cutoff mechanism for automatic alimentary paste producing apparatus. C. Ambrette. 2,538,183, Jan. 16.
Cutoff stop motion for textile machinery. T. E. Batey. 2,555,219, May 29.
Cutout, Aerial cable. A. G. Steinmayer. 2,536,778, Jan. 2.
Cutout clearer for perforated containers. R. D. Holmes. 2,557,504, June 19.
Cut out construction. W. O. Schultz. 2,558,985, July 3.
Cutout, Fused dropout. D. C. Hubbard and W. L. Hollander. 2,537,348, Jan. 9.
Cutter: *See*—
Adjustable cake cutter.
Adjustable rivet cutter.
Asphalt tile cutter.
Baling wire cutter.
Bias cutter.
Bolt cutter.
Boring and end mill cutter.
Bottle top seal cutter.
Box cutter.
Butter cutter.
Cake and pastry sector cutter.
Cake cutter.
Cast cutter.
Contour cutter.
Corn cutter.
Die cutter.
Dowel cutter.
Fabric cutter.
Fiber cutter.
Finger held tape cutter.
Float thread cutter.
Gang cutter.
Grape cutter.
Grass and weed cutter.
Green corn cutter.
Haystack cutter.
Hedge and weed cutter.
Inclined reciprocating vegetable cutter.
Insulation cutter.
Internal pipe cutter.
Kerf cutter.
Lawn edging cutter.
Limb cutter.
Linoleum cutter.
Paper cutter.
Pile fabric cutter.
Pipe cutter.
Plural wire butter cutter.
Portable sheet material cutter.
Power actuated shearing tree and brush cutter.
Power corner cutter.
Power-driven vine cutter.
Reservoir tubing cutter.
Rotary cutter.
Sheet metal cutter.
Shortening cutter.
Stalk cutter.
Staple cutter.
Staple fiber cutter.
Strip cutter.
Sweep cutter.
Tap root cutter.
Tube cutter.
Tubular rotary cutter.
Wire cutter.
Cutter. R. D. Gambrill. 2,559,866, July 10.
Cutter. H. H. Levin. 2,555,142, May 29.
Cutter. J. R. Miller. 2,538,909, Jan. 23.
Cutter. C. C. Patton. 2,563,741, Aug. 7.
Cutter and clamp for looms, Thread. B. L. Rhodes. 2,540,912, Feb. 6.
Cutter and housing with magnifying glass. F. W. Baukus. 2,542,460, Feb. 20.
Cutter and peeler, Fruit and vegetable. H. A. Holmberg. 2,546,032, Mar. 20.
Cutter and sealer. R. J. Mueller. 2,551,811, May 8.
Cutter and shredder, Rotary stalk. J. L. Aasland. 2,573,887, Nov. 6.
Cutter-bar actuating mechanism. P. E. Scharf. 2,573,068, Oct. 30.
Cutter bar for lawn mowers. G. W. Leigh. 2,576,884, Nov. 27.
Cutter bar for lawn mowers. R. J. Sullivan. 2,557,897, June 19.
Cutter bar for lawn mowers and the like. H. Goldberg and M. D. Burrows. 2,543,364, Feb. 27.
Cutter bar for lawn mowers and the like. H. Goldberg. 2,576,593, Nov. 27.
Cutter bit. J. Oakley. 2,543,505, Feb. 27.
Cutter bit for mining machines. A. H. Genter. 2,574,735, Nov. 13.
Cutter bit for mining machines. R. M. Lewis. 2,569,066, Sept. 25.
Cutter chain. L. E. Simmons. 2,575,980, Nov. 20.
Cutter for drill pipe protectors. C. R. Simpson. 2,565,274, Aug. 21.
Cutter for glass tubes, ampoules, and the like. J. J. Toth and R. B. Lewis. 2,566,434, Sept. 4.
Cutter for grooving laminated plywood, Rotary. G. H. Norquist. 2,549,631, Apr. 17.
Cutter for meat tenderizing machines. A. E. Lindner and B. E. Robinson. 2,554,863, May 29.
Cutter for multiple shuttle looms, Loop. H. E. Littlejohn. 2,573,034, Oct. 30.
Cutter for planers and jointers, Rotary. A. C. Skelton. 2,549,251, Apr. 17.
Cutter for plastics, Reciprocating. S. G. Ludington and K. E. Stober. 2,539,916, Jan. 30.
Cutter for quarry drills, Renewable. W. F. Bock. 2,545,913, Mar. 20.
Cutter for solid carbon dioxide. L. Foster. 2,577,745, Dec. 11.
Cutter for vine crops. E. L. Scheidenhelm and H. D. Hume. 2,572,203, Oct. 23.
Cutter for weft replenishing looms, Thread. G. C. Beatrice. 2,549,285, Apr. 17.
Cutter gang for celery harvesters. W. C. Silva. 2,554,066. May 22.
Cutterhead. W. D. Johnson. 2,540,530, Feb. 6.
Cutterhead for harvesting machines. F. H. Templeton. 2,543,386, Feb. 27.
Cutterhead, Rotary. A. V. Pettman. 2,559,996, July 10.
Cutter head structure with hydraulically operated cutter mountings. R. T. Murray. 2,575,116, Nov. 13.
Cutter head with multiple blade clamping disk, Rotary. G. R. Jorsch. 2,560,174, July 10.
Cutter head with resilient blade clamping means, Rotary. C. G. Hadley and J. A. Snodgrass. 2,561,470, July 24.
Cutter sharpening machine. J. P. Scone. 2,547,981, Apr. 10.
Cutter tip for beater arms of hammer mills, Self-sharpening. J. L. Hiller. 2,566,798, Sept. 4.
Cutter tool control for glass cutting machines. E. Brichard, M. Delacuvellerie, and P. Malicheff. 2,576,564, Nov. 27.
Cutter with bevelled and concave surfaces, Disk. G. E. Franck. 2,557,737, June 19.
Cutters, shears, or the like. F. Allen. 2,549,280, Apr. 17.
Cutting and clamping mechanism, Thread. J. J. Stanley. 2,565,405, Aug. 21.
Cutting and embossing machine, Biscuit and like. J. Hart. 2,547,118, Apr. 3.

Cutting and feeding machine. V. P. Donner. 2,546,390, Mar. 27.
Cutting and flanging attachment. H. A. Lang and R. M. Graves. 2,560,804–5, July 17.
Cutting and pitting apparatus, Fruit. J. A. Furtado. 2,556,266, June 12.
Cutting and scraping device, Rotary. J. V. La Fontaine. 2,544,841, Mar. 13.
Cutting and scraping tool. G. F. Voight. 2,580,142, Dec. 25.
Cutting and splicing apparatus. W. D. Dain. 2,575,798, Nov. 20.
Cutting and stacking machine, Automatic sheet. F. R. Piper and J. M. Gardner. 2,571,941, Oct. 16.
Cutting apparatus. J. W. Carl and A. T. John. 2,539,401, Jan. 30.
Cutting apparatus. B. S. Harrington. 2,561,274, July 17.
Cutting apparatus. F. J. Wood, Jr. 2,548,459, Apr. 10.
Cutting apparatus, Rock. J. S. Robbins. 2,550,202, Apr. 24.
Cutting attachment for farm tractors, Stalk. J. T. Brown and C. N. Oakes. 2,558,123, June 26.
Cutting blanks from thin sheets or strips of metal. R. W. Messenger. 2,537,540, Jan. 9.
Cutting, clipping, skinning, and shearing tool. W. J. O'Neilly. 2,565,878, Aug. 28.
Cutting device. E. F. Arnold. 2,573,381, Oct. 30.
Cutting device, Automatic. E. Godat. 2,550,191, Apr. 24.
Cutting device, Bevel. J. K. M. Harrison. 2,568,284, Sept. 18.
Cutting device, Pipe intersection bevel. H. E. Lonngren. 2,545,666, Mar. 20.
Cutting device, Variable. S. G. Gillich and B. M. Littlehale. 2,550,146, Apr. 24.
Cutting device wherein knife has compound movement. I. Dempster. 2,539,232, Jan. 23.
Cutting die. J. S. Troth and S. Bright, Jr. 2,552,353, May 8.
Cutting disk bearing. B. J. Schill. 2,539,866, Jan. 30.
Cutting fabrics. M. Cowan. 2,562,892, Aug. 7.
Cutting ferrous metal bar stock, Method and apparatus for. L. W. Young. 2,547,191, Apr. 3.
Cutting flat shaped pieces from plastic materials, Method and apparatus for. C. S. Charron and L. Crawford-Brown. 2,561,050, July 17.
Cutting gauge. C. F. Block. 2,560,271, July 10.
Cutting gears, Method and machine for. L. O. Carlsen. 2,567,273, Sept. 11.
Cutting guide for cutting fishing bait. D. F. Hyland. 2,559,434, July 3.
Cutting head for dry shaving razors. V. and W. Kobler. 2,562,104, July 24.
Cutting head of dry-shaving apparatus. W. L. L. Vivie. 2,565,828, Aug. 28.
Cutting, loading, and ejecting mechanism, Mandrel core. G. M. Kwitek. 2,553,052, May 15.
Cutting machine. E. H. Compton. 2,565,169, Aug. 21.
Cutting machine. J. S. Idelman. 2,549,202, Apr. 17.
Cutting machine. F. C. Lange. 2,574,269, Nov. 6.
Cutting machine. J. H. Shreve. 2,566,639, Sept. 4.
Cutting machine, Button blank. C. F. Schmarje, R. A. McBride, and C. H. Schmarje. 2,545,708, Mar. 20.
Cutting machine, Chain. C. Peterson. 2,549,519, Apr. 17.
Cutting machine, Diamond. C. A. Hans. 2,579,666, Dec. 25.
Cutting machine drive. C. B. Gray. 2,542,810, Feb. 20.
Cutting machine for shoulder pads, Power-driven. L. Alfandari. 2,547,242, Apr. 3.
Cutting machine, Glass. E. L. Lilja and A. Paterson. 2,554,339, May 22.
Cutting machine member. P. Saxton. 2,555,458, June 5.
Cutting machine, Potato. C. W. Kubon. 2,551,270, May 1.
Cutting machine, Rotary. W. R. Wright. 2,539,379, Jan. 23.
Cutting machine, Sectionalizing. W. E., J. R., and G. W. Urschel. 2,541,180, Feb. 13.
Cutting machine, Veneer defect. E. H. Jacobson. 2,539,742, Jan. 30.
Cutting machine with discharge means, Reciprocating knife. R. E. Appling. 2,541,907, Feb. 13.
Cutting mechanism. W. J. Nolan. 2,538,425, Jan. 16.
Cutting pavement and other like surfaces. W. H. Lewis. 2,569,682, Oct. 2.
Cutting plate for dry-shaving apparatus. P. F. M. Senders. 2,579,706, Dec. 25.
Cutting selected circumferential portions of tubular or cylindrical objects, Method and device for. A. Gomez. 2,556,965, June 12.
Cutting tire tread stock, Method and apparatus for. V. S. Firestone. 2,539,240, Jan. 23.
Cutting tool. J. B. Armitage and A. O. Schmidt. 2,557,404, June 19.
Cutting tool. W. D. Bell. 2,546,292, Mar. 27.
Cutting tool. B. F. Keiper. 2,571,455, Oct. 16.
Cutting tool. A. F. Labrozzi and E. M. Twelves. 2,546,455, Mar. 27.
Cutting tool. C. S. Lee. 2,554,783, May 29.
Cutting tool. L. Rolland. 2,551,167, May 1.
Cutting tool. R. A. Sandberg and E. J. Van Sickel. 2,564,451, Aug. 14.
Cutting tool. L. Zimmermann. 2,556,745, June 12.
Cutting tool holder. F. C. Johnson. 2,546,306, Mar. 27.
Cutting torch attachment. M. C. Gledhill. 2,569,304, Sept. 25.
Cutting torch holder. L. K. Bullman and S. Underwood. 2,542,473, Feb. 20.
Cutting tow. E. J. Abbott. 2,570,184, Oct. 9.
Cyanalkyl ether plasticizers and synthetic resin compositions plasticized therewith. D. Faulkner. 2,553,308, May 15.
Cyanine dyes. J. J. Jennen and W. Michaelis. 2,544,323, Mar. 6.
Cyanine dyestuffs. F. P. Doyle and J. D. Kendall. 2,542,401, Feb. 20.
Cyanine dyestuffs intermediates and making same. L. A. Van de Straete. 2,558,400, June 26.
Cyanoacetyl ureas, Preparation of. V. H. Wallingford and D. M. Jones. 2,553,022, May 15.
Cyano aldehyde compound. R. C. Schreyer. 2,564,131, Aug. 14.
Cyanoalkenes, Preparation of. N. Brown. 2,554,482, May 29.
Cyanoalkenes, Preparation of. D. J. Loder. 2,554,484, May 29.
Cyano arylamides, Preparing. D. W. S. Young. 2,575,036, Nov. 13.
Cyanobutyl guanamine, Preparing. J. E. Castle. 2,548,772, Apr. 10.
Cyanoesters. A. W. Ralston and L. T. Crews. 2,552,814. May 15.
Cyanoethylation. B. W. Howk and C. M. Langkammerer. 2,579,580, Dec. 25.
Cyanoethylation of alkyl lactates. C. E. Rehberg. 2,559,660, July 10.
Cyano-substituted tetrahydropyran compounds and preparation of the same. C. W. Smith. Re. 23,345, Feb. 27.
Cyanothiourea, Preparation of. N. H. Marsh and R. W. Hamilton. 2,557,984, June 26.
Cyanogen compounds. R. H. Hartigan. 2,541,053, Feb. 13.
Cycle and to electric generators for use therewith. A. E. Wood and R. Goldschmidt. 2,544,872, Mar. 13.
Cycle frame. B. G. Bowden. 2,537,325, Jan. 9.
Cycle initiating means, Key-responsive. G. W. Hopkins. 2,552,789, May 15.
Cycle light switch. L. R. Hardy. 2,545,085, Mar. 13.
Cycler. S. W. Nickells. 2,556,973, June 12.
Cyclic control means in selective printing machines. C. J. Hueber. 2,549,607, Apr. 17.
Cyclic ketones, Preparation of substituted. W. Prichard. 2,549,520, Apr. 17.
Cyclic organic fluorine compounds and making. F. B. Stilmar. 2,553,217, May 15.
Cyclic polymeric organo silicates and preparing same. R. K. Iler. 2,547,944, Apr. 10.
Cyclic reuse of cyclohexylamine in rosin acids separation. V. K. Babayan. 2,578,661, Dec. 18.
Cyclic thiophenes, Fused. L. W. Devaney. 2,537,446, Jan. 9.
Cycling system, Fluid pressure. J. A. Senn. 2,556,603, June 12.
Cyclized rubber, Preparation of. G. J. van Veersen. 2,555,068, May 29.
Cycloaliphatic-penicillins. O. K. Behrens, R. G. Jones, Q. F. Soper, and J. W. Corse. 2,562,407, July 31.
Cycloaliphatic silanes. D. B. Hatcher and R. H. Bunnell. 2,545,780, Mar. 20.
Cycloalkylamine salts of penicillin and preparation thereof. M. A. Kaplan. 2,565,503, Aug. 28.
Cycloalkyl ethers, Preparation of. T. P. Carney. 2,551,926, May 8.
Cyclodiene isobutylene copolymers. W. J. Sparks and R. M. Thomas. 2,577,822, Dec. 11.
Cyclohexanon-formaldehyde resins, Producing. D. A. Hurst and W. J. Miller, Jr. 2,540,885, Feb. 6.
Cyclohexanone-formaldehyde resin production. D. A. Hurst and W. J. Miller, Jr. 2,540,886, Feb. 6.
Cyclohexene carboxylic acid esters and preparing same. E. Bergmann. 2,563,206, Aug. 7.
Cyclohexene phosphonates and their preparation. J. B. Dickey, H. W. Coover, Jr., and N. H. Shearer, Jr. 2,550,651, Apr. 24.
Cycloheximide and its production. A. J. Whiffen, R. L. Emerson, and N. Bohonos. 2,574,519, Nov. 13.
Cyclohexylidene-diphenol composition for suppression of coccidiosis. J. E. Johnson, Jr., and D. R. Mussell. 2,538,725, Jan. 16.
Cyclohexyl-phenyl-aminoalkyl-ketones and their production. F. F. Blicke. 2,542,466, Feb. 20.
Cyclohexyl-substituted alpha,-omega-glycols and preparing them. H. W. Arnold. 2,555,912, June 5.
Cyclometer, Recording. J. W. Cade. 2,554,323, May 22.
Cyclone. F. J. Fontein. 2,573,192, Oct. 30.
Cyclone dust collector. V. Muska. 2,569,865, Oct. 2.
Cyclone separator. S. W. Wallin. 2,575,607, Nov. 20.
Cyclooctatetraene, Preparing. C. E. Barnes. 2,579,106, Dec. 18.
Cyclopentadiene-vinyl acetate polymers. C. F. Peters. 2,559,790, July 10.
Cyclopentanoperhydrophenanthrene compounds. E. Kaiser and J. Svarz. 2,563,846. Aug. 14.
Cyclopentanophenanthrene derivatives and process. G. Rosenkranz and S. Kaufmann. 2,575,840, Nov. 20.
Cylinder adjusting mechanism for multicolor printing presses. N. E. Funk. 2,539,068, Jan. 23.
Cylinder adjusting mechanism for printing presses. A. Potdevin. 2,554,345, May 22.

Cylinder air port construction. C. F. Pervier. 2,560,700, July 17.
Cylinder and concave mill with material return paddle. F. Rodgers. 2,546,679, Mar. 27.
Cylinder assembly for liquid oxygen, Stressed pumping. S. C. Collins. 2,537,742, Jan. 9.
Cylinder assembly for mast slides, Pulldown. L. C. Daniels. 2,569,126, Sept. 25.
Cylinder assembly with movable liner. B. Johnston, R. B. Luirette, and G. W. Sinclair. 2,565,730, Aug. 28.
Cylinder cleaner and wire straightener. M. M. Blank. 2,536,589, Jan. 2.
Cylinder, Compound master. A. W. Cook. 2,545,685, Mar. 20.
Cylinder construction. L. D. Bronk. 2,561,492, July 24.
Cylinder construction. R. M. Magnuson. 2,563,949, Aug. 14.
Cylinder coupling. H. F. Benoit. 2,538,499, Jan. 16.
Cylinder drive for bed and cylinder printing presses. A. F. Bell. 2,556,251, June 12.
Cylinder for combines and the like, Beater. J. Johnson. 2,557,226, June 19.
Cylinder for fluid brakes, Safety. O. H. Young. 2,556,021, June 5.
Cylinder for hydraulic automobile brakes, Dual master. B. H. Christopher, Jr. 2,568,220, Sept. 18.
Cylinder for hydraulic brake systems, Master. A. Y. Dodge. 2,539,572, Jan. 30.
Cylinder for hydraulic brakes, Safety. A. M. Carter. 2,556,613, June 12.
Cylinder for hydraulic brakes, Tilting valve master. J. R. Heidloff. 2,574,969, Nov. 13.
Cylinder for hydraulic brakes, Tilting valve master. L. E. La Brie. 2,574,923, Nov. 13.
Cylinder for indexing ratchet stops and the like, Air. A. M. Loungway. 2,547,029, Apr. 3.
Cylinder gauge. H. P. Phillips and V. D. Ackerman. 2,564,994, Aug. 21.
Cylinder head. G. D. Angle. 2,576,819, Nov. 27.
Cylinder head. R. E. Lamberton. 2,547,914, Apr. 3.
Cylinder head for Diesel engines. J. B. Ziegler. 2,552,657, May 15.
Cylinder head stand and valve spring compressor, Combined. A. W. Taylor. 2,563,382, Aug. 7.
Cylinder, High-speed rotating. M. B. Sampson. 2,577,858, Dec. 11.
Cylinder holder. E. H. Gibson. 2,576,832, Nov. 27.
Cylinder, Hydraulic brake master. C. A. Byers and P. C. Clugh. 2,561,009, July 17.
Cylinder, Hydraulic brake master. N. E. Wahlberg. 2,564,137, Aug. 14.
Cylinder lens lapping machine. A. Butler. 2,572,443, Oct. 23.
Cylinder lock. T. Patrignani. 2,552,294, May 8.
Cylinder-piston assembly, Differential. J. A. Thierry. 2,569,504, Oct. 2.
Cylinder release and pump bypass valve, Main. W. R. Tucker and H. F. MacMillin. 2,545,246, Mar. 13.
Cylinder, Rotatable electrically heated drying. M. Doniak. 2,571,426, Oct. 16.
Cylinder, Self-adjusting hydraulic brake. H. R. Christenot. 2,548,868, Apr. 17.
Cylinder sleeve extracting bar. T. E. Brooks. 2,562,412, July 31.
Cylinder sleeve puller. G. M. Walraven and R. G. Knudsen. 2,566,507, Sept. 4.
Cylinder sleeve removing tool. J. V. Miller. 2,566,847, Sept. 4.
Cylinder structure for internal-combustion engines. K. E. Lyman. 2,563,348, Aug. 7.
Cylinder structure, Master. A. B. Seppmann. 2,547,233, Apr. 3.
Cylinder, Swingable vertical master brake. R. H. Vogel. 2,541,312, Feb. 13.
Cylinder, Tilting valve master. L. E. La Brie. 2,552,048, May 8.
Cylinder transporting device for industrial trucks. H. A. Reinhart. 2,548,063, Apr. 10.
Cylinder, Two stage fluid pressure. H. D. Forse. 2,568,228, Sept. 18.
Cylinder with tilting valve, Master. C. C. Bradbury. 2,552,033, May 8.
Cylinders, particularly for grain, Vacuum drying. E. G. Huzenlaub and F. H. Rogers. 2,547,393, Apr. 3.
Cylindrical object manufactured by the extrusion process. P. C. J. Bijl. 2,564,093, Aug. 14.
Cylindrical valve. E. C. Hartley. 2,566,885, Sept. 4.
Cymbal. A. A. Zildjian. 2,559,143, July 3.
DDT concentrate, Powdered. C. M. Smith. 2,542,061, Feb. 20.
DDT, Manufacture of. R. S. Voris. 2,580,335, Dec. 25.
D-glucuronic acid, Preparation of. C. L. Mehltretter. 2,559,652, July 10.
D-tartaric acid, Preparation of. L. B. Lockwood and G. E. N. Nelson. 2,559,650, July 10.
Dampener, Compressor pulsation. H. D. Gibson. 2,548,472, Apr. 10.
Dampener, Filter and pulsation. J. L. Andrews. 2,544,289, Mar. 6.
Dampener for lithographic offset presses, Spray. H. E. Marsden. 2,543,663, Feb. 27.
Dampener for spindle lubricant reservoirs, Vibration. R. J. McCormack. 2,548,675, Apr. 10.
Dampening roller trip. H. T. James. 2,570,242, Oct. 9.
Damper. S. W. Artis. 2,557,213, June 19.
Damper, Automatic fan. C. Prudhon. 2,541,665, Feb. 13.
Damper bar for filamentary cathodes. K. H. Simpson. 2,570,606, Oct. 9.
Damper, Barometric. M. W. Crew. 2,538,190, Jan. 16.
Damper carrying a pressure operated auxiliary damper, Motor operated flue. G. S. Bataille. 2,546,714, Mar. 27.
Damper control, Ventilator. H. J. Waff, Jr. 2,566,784, Sept. 4.
Damper device for firearms with a recoil mantle, Forward. B. Shalin, I. Åslund and E. E. Jansson. 2,539,275, Jan. 23.
Damper, Fireplace. W. L. Keilwitz. 2,572,491, Oct. 23.
Damper for clothes driers. D. S. Collins. 2,569,515, Oct. 2.
Damper for radiators. F. A. Balzer. 2,539,293, Jan. 23.
Damper for rotary wing aircraft. M. D. Buivid. 2,554,774, May 29.
Damper, Friction contact. F. B. Woestemeyer. 2,540,854, Feb. 6.
Damper, Temperature compensated viscous. S. C. Hoare and A. J. Corson. 2,569,311, Sept. 25.
Damper, Vibration. L. E. Hey, A. N. Lillenas, and I. Mendelson. 2,540,880, Feb. 6.
Damper, Vibration. J. S. Oles. 2,557,511, June 19.
Damping arrangement, Direct-current meter. J. E. Bigelow. 2,567,688, Sept. 11.
Damping device for balances and the like, Magnetic. G. H. Leary. 2,538,369, Jan. 16.
Damping means. H. M. Stoller. 2,571,780, Oct. 16.
Damping means for capacity type phonograph pickups. W. Miller and F. Smardo. 2,556,040, June 5.
Damping means for railway trucks. C. L. Orr and J. C. Settles. 2,574,348, Nov. 6.
Damping means for railway trucks. J. C. Settles. 2,573,165, Oct. 30.
Damping means for railway trucks. J. C. Settles and C. L. Orr. 2,575,137, Nov. 13.
Damping transverse oscillations of high-speed shafts. P. L. Kapitza. 2,557,542, June 19.
Damping vertical modulations of phonograph recorders. L. Thompson. 2,547,725, Apr. 3.
Dance gliding device. E. R. Shaw. 2,572,671, Oct. 23.
Dashboard construction, Vehicle. E. M. Sloman and G. J. Cogan. 2,571,627, Oct. 16.
Dasher mechanism for washing machines. A. W. Altorfer, Jr. 2,575,988, Nov. 20.
Data card sensing device. W. F. Cronin. 2,567,552, Sept. 11.
Data copying machine. R. J. Crissy. 2,572,450, Oct. 23.
Data presentation apparatus. J. M. Lester. 2,548,900, Apr. 17.
Data storage system. A. A. Cohen, W. R. Keye, and C. B. Tompkins. 2,540,654, Feb. 6.
Data transcribing apparatus. H. F. Works. 2,545,331, Mar. 13.
Data translating apparatus. J. W. Mauchly and J. P. Eckert, Jr. 2,577,141, Dec. 4.
Date indicator. R. Elms. 2,561,790, July 24.
Date reminder. D. G. Kampf. 2,541,875, Feb. 13.
Dauber and polish supply for shoe polishing brushes, Removable. O. T. Broneer. 2,552,708, May 15.
Davenport and bed, Convertible. T. F. Cooney. 2,573,892, Nov. 6.
Daylight developing tank for photographic roll films. N. Wolff. 2,577,440, Dec. 4.
Daylight loading developing tank. C. F. Zobel. 2,566,281, Aug. 28.
Daylight-loading developing tank. C. F. Zobel and A. B. Fox. 2,537,925, Jan. 9.
Daylight loading roll film developing tank. A. W. Balluff. 2,562,877, Aug. 7.
Daylight sun illuminated cross and tower. B. G. Goble. 2,564,061, Aug. 14.
Deacidifying solutions. E. G. Snyder and J. W. Opie. 2,538,479, Jan. 16.
Deaerating and dispensing slurry. T. F. Mooney and D. H. Innes. 2,570,835, Oct. 9.
Deaerating feed-water heater. J. F. Sebald. 2,564,583–4, Aug. 14.
Deaerating indigo paste. W. H. Wright. 2,544,909, Mar. 13.
Deaerating tank. G. B. Davis. 2,556,319, June 12.
Deaeration apparatus. H. and R. S. Von Kohorn. 2,570,171, Oct. 2.
De-aeration of paper making fibers. J. A. De Cew. 2,571,219, Oct. 16.
Deaerator. J. F. Sebald. 2,572,527, Oct. 23.
Deaerator and dirt separator. A. F. Underwood. 2,571,503, Oct. 16.
Dead-end coupling. W. Larymore. 2,546,312, Mar. 27.
Deadlocking latch. E. M. Miller. 2,549,983, Apr. 24.
Deairing method. L. L. Cook and E. H. Krautheim. 2,553,359, May 15.
Deasphalting petroleum oils. E. E. Willauer. 2,538,220, Jan. 16.
Debagging machine, Pneumatic. D. McDonald. 2,568,244, Sept. 18.
Deburring attachment for screw making machines, Automatic. G. Kochel, Jr. 2,564,699, Aug. 21.
Debutting Brussels sprouts, Method and apparatus for. R. B. Crosset. 2,550,785, May 1.

Decade counter. C. A. Bergfors. 2,540,024, Jan. 30.
Decade counter, High-speed binary. C. A. Bergfors. 2,547,434, Apr. 3.
Decalcomania and applying same. H. C. Rathke. 2,578,150, Dec. 11.
Decalcomania and making the same, Pressure sensitive. A. F. Grupp, H. C. Rathke, E. S. Talan, and E. Watts. 2,567,067, Sept. 4.
Decalcomania paper. L. Davis. 2,561,976, July 24.
Decalin-hydroperoxide catalyzed reaction between sulfur-dioxide and rubbery polymers of diolefin. G. E. Rumscheidt. 2,558,498, June 26.
Decamethylenediamine salt of heparin. J. Lee and L. Berger. 2,561,384, July 24.
Decarburization of iron or iron alloy castings. P. F. Hancock and F. W. K. Schulte. 2,557,379, June 19.
Decarburizing high-carbon ferrochromium. C. G. Chadwick. 2,541,153, Feb. 13.
Deceleration signal. R. P. McNerney. 2,573,479, Oct. 30.
Decelerometer. R. R. Stokes. 2,574,600, Nov. 13.
Decimal indicator. C. K. Studley, Jr. 2,567,133, Sept. 4.
Decimal-transfer mechanism in calculating machines. H. Suter. 2,558,631, June 26.
Deck pump. A. C. Anderson. 2,547,431, Apr. 3.
Deck scaling machine, Pneumatic. D. J. Finn. 2,562,899, Aug. 7.
Deck sign. H. R. Owen. 2,559,991, July 10.
Deck structure. W. E. Nordmark. 2,554,839, May 29.
Decoder for multiple carrier pulse code modulation signals. R. L. Carbrey. 2,549,422, Apr. 17.
Decoder for proportional control, Pulse signal. C. I. Schafer. 2,560,600, July 17.
Decoder for pulse code modulation. R. L. Carbrey. 2,579,302, Dec. 18.
Decoder for reflected binary codes. R. L. Carbrey. 2,538,615, Jan. 16.
Decollator. T. H. Warren. 2,539,358, Jan. 23.
Decolorization of polyolefinic hydrocarbon drying oils. P. D. May, L. M. Adams, and R. J. Lee. 2,559,083, July 3.
Decolorizing and fractionating sugar cane wax. A. W. Hixson and R. Miller. 2,548,885, Apr. 17.
Decomposition of organic hydroperoxides. G. E. Hulse and E. J. Vandenberg. 2,557,968, June 26.
Decontaminating products from pyrolysis of $CHClF_2$. W. S. Murray. 2,558,624, June 26.
Decorated material, Producing. E. C. V. Oldofredi. 2,549,847, Apr. 24.
Decorating. L. K. Porozynski. 2,562,365, July 31.
Decorating apparatus, Dinnerware. A. J. Wahl. 2,545,396, Mar. 13.
Decorating machine, Stencil. B. Martin. 2,556,657, June 12.
Decoration of ceramic ware. M. P. Lepie. 2,566,735, Sept. 4.
Decorative article for Christmas ornaments. C. F. Glaser and H. G. Pillsbury. 2,554,363, May 22.
Decorative articles, Making. A. Rosenthal. 2,578,743, Dec. 18.
Decorative printing of polyvinyl chloride sheets. L. H. and F. M. Smith. 2,571,962, Oct. 16.
Decorticating apparatus. T. A. Hulfish and W. G. Waldo. 2,551,129, May 1.
Decorticating process. T. A. Hulfish and W. G. Waldo. 2,551,128, May 1.
Decortication of fibrous material. A. Burkardt. 2,571,108, Oct. 16.
Decorticator. W. E. Wright. 2,576,166, Nov. 27.
Decoy. J. Gazalski. 2,536,736, Jan. 2.
Decoy anchor. A. P. Clark. 2,539,727, Jan. 30.
Decoy, Animated. J. O. Sabin. 2,547,286, Apr. 3.
Decoy, Fish. I. A. Schipper. 2,557,516, June 19.
Decoy, Folding goose and duck. J. M. Viken. 2,545,800, Mar. 20.
Decoy, Folding goose-duck. G. C. and R. E. Withey. 2,536,338, Jan. 2.
Decoy, Self-inflating. J. C. Fox. 2,564,890, Aug. 21.
Deep smooth surface finishing process. R. W. Shaw. 2,577,818, Dec. 11.
Deep well and top cooking unit for cookstoves, Combination. J. K. Beyon. 2,566,440, Sept. 4.
Deep well pump. A. G. Bodine, Jr. 2,553,541, May 22.
Deep well pump. A. G. Bodine, Jr. 2,572,977, Oct. 30.
Deep-well working head. L. R. Young and M. E. Spangberg. 2,573,753, Nov. 6.
Deesterified polymers which become insoluble in water when the aqueous solutions are evaporated from their hydrosols. W. F. Fowler, Jr., and W. O. Kenyon. 2,566,184, Aug. 28.
Defatting and dehydrating of fatty substances, Simultaneous. E. Levin and E. M. Worsham. 2,539,544, Jan. 30.
Defeathering and depilating compound. R. D. Trelease. 2,565,332, Aug. 21.
Defectively labeled and nonlabeled can detecting and rejecting device. G. J. Palmer, Jr. 2,560,737, July 17.
Defibering apparatus. A. F. Ernst. 2,573,321–2, Oct. 30.
Definite position released clutch. L. Hitchcock. 2,562,786, July 31.
Deflecting axial flow in a combustion chamber for propulsion apparatus. R. H. Goddard. 2,555,084, May 29.
Deflecting tool. L. R. Leissler. 2,536,452, Jan. 2.
Deflection beam tube. C. W. Mueller. 2,551,810, May 8.
Deflection circuit. E. L. Clark. 2,543,719, Feb. 27.
Deflection circuit. R. B. Le Roy. 2,576,948, Dec. 4.
Deflection circuits, Cathode-ray. A. W. Vance. 2,559,525, July 3.
Deflection coil arrangement. W. E. Scull, Jr. 2,569,343, Sept. 25.
Deflection coil assembly. A. C. Ekvall. 2,578,342, Dec. 11.
Deflection coil testing apparatus and method. A. C. Ekvall. 2,578,343, Dec. 11.
Deflection indicator. B. D. Haber and E. K. Coats. 2,546,155, Mar. 27.
Deflection plate. E. Pohle. 2,575,836, Nov. 20.
Deflection system. S. I. Tourshou. 2,579,627, Dec. 25.
Deflection system for cathode-ray tubes. R. G. E. Hutter. 2,572,861, Oct. 30.
Deflection type vacuum tube. J. H. Hosemann. 2,539,250, Jan. 23.
Deflection yoke. C. V. Bocciarelli. 2,570,425, Oct. 9.
Deflector, Breath. C. E. Danielson. 2,566,557, Sept. 4.
Deflector for automobile windows. F. A. Gallik. 2,570,337, Oct. 9.
Deflector for cupolas. J. N. Richardson. 2,573,492, Oct. 30.
Deflector for resonance combustion chambers. R. H. Goddard. 2,563,024, Aug. 7.
Deflector for vehicle ventilating windows, Rain. M. A. Kent. 2,540,205, Feb. 6.
Deflector for wagon elevators. E. K. Karisson and J. L. Aasland. 2,577,331, Dec. 4.
Defluorinated tricalcium phosphate, Production of. C. A. Butt. 2,565,351, Aug. 21.
Defluorinating rock phosphate. C. O. Schilling. 2,539,638, Jan. 30.
Defluorination of phosphate rock. C. A. Hollingsworth. 2,556,541–2, June 12.
Defluorination of phosphate rock. C. A. Hollingsworth. 2,562,718, July 31.
Defoamer. L. C. Brown and J. E. Farbak. 2,550,450, Apr. 24.
Defoaming agent for pulp and paper stock. E. P. McGinn. 2,563,856, Aug. 14.
Defoaming agent for pulp and paper stock. E. P. McGinn. 2,563,857, Aug. 14.
Defoliant and herbicide. R. L. Phelps and J. M. Salsbury. 2,557,997, June 26.
Defrost control for refrigeration systems. C. A. Smith. 2,543,133, Feb. 27.
Defrost control for refrigeration systems. C. A. Smith. 2,548,324, Apr. 10.
Defroster. E. F. Brill and O. W. Schroeder. 2,571,192, Oct. 16.
Defroster for automobile heaters, Windshield. E. L. Mayo and A. G. Getz. 2,547,404, Apr. 3.
Defroster, Refrigerator. C. B. Shreve. 2,538,660, Jan. 16.
Defroster, Spectacle. R. E. Werner, Sr. 2,551,777, May 8.
Defroster, Windshield. E. J. Bloomer. 2,546,355, Mar. 27.
Defrosting apparatus for freezing molds. M. Klein. 2,579,931, Dec. 25.
Defrosting control. J. B. Bader. 2,541,145, Feb. 13.
Defrosting device, Refrigerator. E. H. Ayers. 2,538,639, Jan. 16.
Defrosting evaporators, Method and apparatus for automatically. T. L. Warren. 2,554,848, May 29.
Defrosting indicator. A. A. Andersen. 2,560,537, July 17.
Defrosting lock. V. W. Jones. 2,538,872, Jan. 23.
Defrosting means in absorption refrigeration. W. G. Kögel. 2,555,345, June 5.
Defrosting method and apparatus, Refrigerator. L. F. La Porte. 2,553,657, May 22.
Degasifying means in the lubrication system of elastic fluid compressors. J. E. Lancaster, M. Haeberlein, and E. C. Schmachtenberg. 2,570,134, Oct. 2.
Degassing apparatus for platen presses. T. P. Tapper. 2,558,796, July 3.
Degating device for plastic molds. L. W. Vinal. 2,570,613, Oct. 9.
Degradation of dextran to produce a plasma substitute. A. R. Lockwood and G. Swift. 2,565,507, Aug. 28.
Degrainer. A. Trod. 2,559,329, July 3.
Degreasing apparatus. J. M. Bash. 2,574,084, Nov. 6.
Degreasing equipment. J. M. Bash. 2,539,112, Jan. 23.
Degreasing machine. T. J. Kearney. 2,571,581, Oct. 16.
Dehalogenation of steroids. A. C. Ott and M. F. Murray. 2,578,734, Dec. 18.
Dehazing hydrocarbon oils. B. H. Shoemaker. 2,560,193, July 10.
Dehorning device. S. S. Mims. 2,569,250, Sept. 25.
Dehumidifier. A. T. Race, Jr. 2,575,234, Nov. 13.
Dehumidifier system. R. F. Hallock. 2,566,327, Sept. 4.
Dehumidifying apparatus. P. Altman. 2,562,405, July 31.
Dehumidifying device. A. T. Race, Jr. 2,554,879, May 29.
Dehydrating and assembling refrigeration apparatus. S. C. Eaker. 2,551,426, May 1.
Dehydrating and reactivating apparatus. C. S. Schmuckler. 2,540,492, Feb. 6.
Dehydrating grain. L. N. Lyon, Jr., and B. F. Arnim, 2,561,442, July 24.
Dehydrating materials, Method of and apparatus for. J. Zichis. 2,552,360, May 8.
Dehydrating method and apparatus, High-frequency. R. Lee. 2,555,450, June 5.
Dehydrating refrigeration units. J. K. Touborg. 2,557,621, June 19.

Dehydrating tissues prior to embedding in paraffin and the like, Process and apparatus for. J. Tannenberg. 2,562,966, Aug. 7.
Dehydration and isomerization of straight-chain-conjugated polyene esters and acids. E. M. Shantz, C. D. Robeson, and H. M. Kascher. 2,576,104, Nov. 27.
Dehydration apparatus. H. L. Whitley. 2,542,607, Feb. 20.
Dehydration of acetonitrile. H. D. Chapman and W. I. Denton. 2,560,931, July 17.
Dehydration of acrolein by azeotropic distillation. C. M. Reider and G. J. Pierotti. 2,562,846, July 31.
Dehydration of acrolein by stratification and distillation. R. M. Cole. 2,542,752, Feb. 20.
Dehydration of caustic alkali. R. E. Hulme. 2,562,495, July 31.
Dehydration of frozen foods. L. J. Fischer. 2,564,475, Aug. 14.
Dehydration of mineral salts by drum drier. A. A. Holland. 2,578,355, Dec. 11.
Dehydration of organic acids. W. E. Hanford. 2,578,698, Dec. 18.
Dehydration of organic acids. E. Solomon. 2,567,244, Sept. 11.
Dehydration of petroleum hydrocarbons. F. C. Neuhart. 2,570,974, Oct. 9.
Dehydration of potatoes. B. R. Bostock. 2,564,296, Aug. 14.
Dehydration of refrigeration systems. A. Wittlin and R. H. Lacart. 2,565,416, Aug. 21.
Dehydrator. J. C. and M. J. Ramsey. 2,558,462, June 26.
Dehydrator. H. H. Schulstadt. 2,579,053, Dec. 18.
Dehydrator and mixer, Grain. T. L. Hintz. 2,548,262, Apr. 10.
Dehydroabietic acid salts as emulsifiers in aqueous diolefin polymerization. J. N. Borglin and P. A. Ray. 2,569,448, Oct. 2.
Dehydrofluorination process. G. N. Cade. 2,572,595, Oct. 23.
Dehydrogenation catalyst. H. O. Mottern. 2,549,844, Apr. 24.
Dehydrohalogenated polyvinyl chloride polarizer. J. E. Campbell. 2,572,315, Oct. 23.
Dehydroperillic acid, Producing. W. G. Van Beckum. 2,541,127, Feb. 13.
Deicer arrangement for airplanes. H. F. Mélot. 2,558,493, June 26.
Deicing shingle, Electrically heated. J. L. Harrison. 2,546,743, Mar. 27.
Deicing system for aircraft. E. P. Palmatier. 2,556,736, June 12.
Deicing system for aircraft sustaining rotor blades. P. H. Stanley. 2,576,487, Nov. 27.
Deinking printed waste paper. C. C. Driessen. 2,580,161, Dec. 25.
Deionization of sugar solutions. R. Kunin and F. X. McGarvey. 2,578,938, Dec. 18.
Delay arming device for projectile fuses. J. F. McCaslin. 2,541,082, Feb. 13.
Delay circuit. C. G. Yates, Jr. 2,569,362, Sept. 25.
Delay compositions for electric blasting caps. H. M. Kerr and C. R. L. Hall. 2,560,452, July 10.
Delay device. M. H. Mesner. 2,579,269, Dec. 18.
Delay indicating apparatus. L. A. Meacham. 2,558,189, June 26.
Delay line. J. Star. 2,558,012, June 26.
Delay line termination. E. M. Bradburd. 2,565,469, Aug. 28.
Delayed-action switch. E. W. Howard. 2,536,368, Jan. 2.
Delayed engagement liquid clutch. A. M. Wickwire. 2,555,772, June 5.
Delayed gripper action attachment. E. S. Moody. 2,570,699, Oct. 9.
Delayed signal generator. R. E. White. 2,572,083, Oct. 23.
Deleading gasoline. E. B. Rifkin and D. H. Ewen. 2,580,243, Dec. 25.
Deliming and deswelling hides with beet sugar molasses waste liquor extract. F. Heinemann. 2,556,649, June 12.
Delivery box signal. W. E. Seibel. 2,573,879, Nov. 6.
Delivery device for ventilating apparatus, Air. G. R. Wallen. 2,568,044, Sept. 18.
Delivery mechanism for printing and like machines. W. A. Whitehead and S. W. H. Long. 2,555,281, May 29.
Delivery mechanism for washing machines. F. J. Cozzoli. 2,555,875, June 5.
$\Delta^{8,9}$-11-keto-steroids, and producing them. H. E. Stavely. 2,545,978, Mar. 20.
Δ5,7-androstadienolones and process. S. Bernstein and K. J. Sax. 2,571,330, Oct. 16.
$\Delta^{1,4}$-pregnadiene-17α-OL-3-ones. C. Djerassi, G. Rosenkranz, and J. Berlin. 2,579,479, Dec. 25.
Δ^{17}-20-cyano-pregnene compounds and preparing them. L. H. Sarett. 2,558,784, July 3.
Δ 17,20-pregnenolal derivatives. E. C. Kendall and G. A. Fleisher. 2,577,018, Dec. 4.
Delta-valerolactones, Preparation of. H. W. de Jong. 2,576,901, Nov. 27.
Demijohn filter. P. Leôn. 2,541,524, Feb. 13.
Demineralization of sucrose solutions by ion exchange. H. M. Day and A. C. Wrotnowski, Jr. 2,560,504, July 10.
Demodulator. R. Adler. 2,568,137, Sept. 18.
Demonstrator. E. Rheinfrank. 2,562,210, July 31.
Demonstrator. E. Rheinfrank. 2,573,490, Oct. 30.
Demodulator, Balanced. G. L. Fernsler. 2,550,409, Apr. 24.
Demodulator system. M. Arditi, I. H. Franzel, and J. Feinstein. 2,541,019, Feb. 13.
Demountable lawn chair. R. B. Nelson. 2,564,915, Aug. 21.
Demountable leg. C. B. Keys. 2,544,504, Mar. 6.
Demountable pipe coupling. C. L. Johannesson. 2,573,974, Nov. 6.
Demulsification process and composition. E. T. Kocher. 2,568,744, Sept. 25.
Demulsifier composition. F. E. Fuchs. 2,540,438, Feb. 6.
Demulsifying composition and breaking an oil-in-water emulsion. W. H. Kirkpatrick. 2,568,745, Sept. 25.
Demulsifying compositions. W. H. Kirkpatrick and D. L. Wilson. 2,568,740, Sept. 25.
Densitometer and electronic measuring circuit therefor, Comparison type. M. H. Sweet. 2,561,243, July 17.
Dent remover with flexible shaft and vibrating means. L. C. Forrest. 2,545,878, Mar. 20.
Dental appliance. H. Freedman. 2,571,856, Oct. 16.
Dental appliance. L. L. Leathers. 2,562,106, July 24.
Dental appliance. H. G. Moran. 2,566,903, Sept. 4.
Dental appliance. R. E. Wolford. 2,563,507, Aug. 7.
Dental appliance for determining proper centric bite in the art of producing artificial dentures. L. I. Raiche. 2,548,817, Apr. 10.
Dental articulator. E. B. Wimberly. 2,556,639, June 12.
Dental aspirator. R. A. Grubb. 2,561,622, July 24.
Dental attachment for use in connection with removable bridges. F. Stark and F. Spielman. 2,545,316, Mar. 13.
Dental bite block. W. L. Wade. 2,564,182, Aug. 14.
Dental bite matrix. G. E. Dennis. 2,572,117, Oct. 23.
Dental bridge. J. Turro. 2,557,899, June 19.
Dental cement. J. De Ment. 2,549,180, Apr. 17.
Dental compression clamp. S. R. Winett. 2,567,794, Sept. 11.
Dental demonstrating apparatus. G. H. Burtenshaw. 2,576,569, Nov. 27.
Dental device. W. H. Slaughter, Jr. 2,540,555, Feb. 6.
Dental engine attachment. J. H. Jackson. 2,570,812, Oct. 9.
Dental engine control. R. W. Page. 2,542,833, Feb. 20.
Dental floss holder. R. A. Ness. 2,544,276, Mar. 6.
Dental floss holder. C. E. Wright and L. A. Leicester. 2,577,597, Dec. 4.
Dental fountain cleaner. C. L. Hyser. 2,550,565, Apr. 24.
Dental handpiece. A. E. McGlinchey. 2,542,693, Feb. 20.
Dental hand piece. M. Staunt. 2,538,923, Jan. 23.
Dental handpiece, Contra-angle. G. E. Björklund. 2,568,315, Sept. 18.
Dental holding and resting device for holding the mouth in an open position. R. L. Kreider. 2,570,459, Oct. 9.
Dental impression composition. E. H. Lochridge. 2,568,752, Sept. 25.
Dental impression compositions. P. B. Taylor, 2,567,979, Sept. 18.
Dental instrument construction. A. Berliner. 2,569,844, Oct. 2.
Dental material and method. F. E. Knock and J. F. Glenn. 2,558,139, June 26.
Dental material and methods. F. E. Knock. 2,569,767, Oct. 2.
Dental matrix and a matrix retainer. R. W. Eaton. 2,565,598, Aug. 28.
Dental matrix clamp. D. R. Christie and M. M. Bottemiller. 2,560,553, July 17.
Dental operating lamp. E. H. Greppin. 2,540,577, Feb. 6.
Dental prosthesis and device. R. N. Harper. 2,567,810, Sept. 11.
Dental retainer for matrix strips. D. Reiter. 2,572,198, Oct. 23.
Dental tool. J. B. Hersh. 2,541,357, Feb. 13.
Dental tool sharpening device. C. A. Miller and S. L. Border. 2,578,081, Dec. 11.
Dentifrice. C. J. Henschel. 2,542,518, Feb. 20.
Dentifrice. E. C. Wach. 2,542,886, Feb. 20.
Dentifrice and preparing same. R. V. Connelly. 2,556,959, June 12.
Dentifrice compositions. M. L. Tainter and E. T. Hinkel, Jr. 2,550,207, Apr. 24.
Dentifrice-containing device and dentifrice applicator therefor. J. F. Waters. 2,576,550, Nov. 27.
Dentist's chair. W. B. Childs. 2,568,988, Sept. 25.
Denture. F. E. Bierbach and C. K. Barton. 2,555,392, June 5.
Denture. E. E. Goldschmidt. 2,543,773, Mar. 6.
Denture. H. Kane. 2,577,769, Dec. 11.
Denture, Articulated. J. M. Yates. 2,550,436, Apr. 24.
Denture composition containing vinylidene chloride-acrylonitrile copolymer and methyl methacrylate monomer and polymer. H. V. Joy. 2,576,944, Dec. 4.
Denture liner of bibulous paper impregnated with vinyl resin. M. B. Brand. 2,557,025, June 12.
Denture, Removable. R. J. Maniola. 2,558,186, June 26.
Dentures, Preparing trial. J. R. Osborne. 2,542,207, Feb. 20.
Deodorant and antiseptic dispenser. M. L. Levitt. 2,579,045, Dec. 18.

Deodorant compositions. L. B. Kilgore. 2,544,093, Mar. 6.
Deodorizer. R. A. Munnecke. 2,578,827, Dec. 18.
Deodorizer. R. R. Travis. 2,558,469, June 26.
Deodorizer and door check. J. Cirigliano. 2,551,418, May 1.
Deodorizer, Automatic. A. L. Held. 2,561,861, July 24.
Deodorizer for refrigerators and other enclosures. R. A. Holstedt. 2,557,432, June 19.
Deodorizer, Room. C. C. Foster. 2,572,329, Oct. 23.
Deodorizer, Toilet. C. T. Foster. 2,570,934, Oct. 9.
Deodorizing a space, Method and apparatus for. L. T. Merrick. 2,557,451, June 19.
Deodorizing and stabilizing soy bean oil. R. A. Carleton. 2,578,670, Dec. 18.
Deoxidizing metal sheet edge portions. A. L. Kronquest. 2,565,137, Aug. 21.
Deodorizing method. W. V. Mark. 2,546,898, Mar. 27.
Deodorizing terpenes. A. T. Rooch and C. E. Greenlaw. 2,574,498, Nov. 13.
Dephased inductive-interference prevention. L. J. Hibbard. 2,554,248, May 22.
Dephlegmating vapors. W. T. Whatley. 2,573,633, Oct. 30.
Depolarization process for petroleum fractions. C. C. Allen. 2,553,624, May 22.
Depolymerizing polystyrene. W. J. Sparks and D. W. Young. 2,549,538, Apr. 17.
Deposit and cash slip, Combination. H. G. Willis. 2,576,164, Nov. 27.
Deposit, collection, and dispensing receptacle. J. A. Gadda. 2,555,738, June 5.
Deposit resistant manifold. H. S. Bloch. 2,553,742, May 22.
Depositing fluorescent materials by sedimentation. B. E. Waye and A. G. Mitchell. 2,536,586, Jan. 2.
Depositing thin films. C. A. Alexander and C. A. Baer. 2,553,289, May 15.
Depositor for chocolate and the like. A. A. Tunley. 2,555,067, May 29.
Depressuring system. P. D. Barton. 2,574,139, Nov. 6.
Depth and angle gauge. O. A. Muller. 2,548,490, Apr. 10.
Depth control hood mechanism for soil-working rotors. W. E. Claus. 2,558,822, July 3.
Depth gauge. J. Bauer and A. Schittelbauer. 2,546,882, Mar. 27.
Depth sounding apparatus. E. H. Bickley. 2,561,171, July 17.
Derail. S. W. Hayes. 2,546,667, Mar. 27.
Dereeling tension control. G. Peebles. 2,562,990, Aug. 7.
Derivative-computing servo mechanism control for prime mover dynamo plants. T. E. Curtis. 2,577,003, Dec. 4.
Derivative of patuline and producing same. M. Vermeulen and J. H. T. Le Drut. 2,552,606, May 15.
Derivatives of alkyl dihydrostreptobiosaminides. J. Fried and O. Wintersteiner. 2,552,547, May 15.
Derivatives of behenic acid amide. J. Pikl. 2,551,392, May 1.
Derivatives of disubstituted methane compounds and making them. G. J. Pritchard. 2,546,274, Mar. 27.
Derivatives of disubstituted methane compounds, Manufacture of. S. E. Bywater and G. J. Pritchard. 2,555,114, May 29.
Derivatives of disubstituted methane compounds, Manufacture of. G. J. Pritchard. 2,549,710, Apr. 17.
Derivatives of 5-(amino-phenylsulfonamido)-isoxazoles. N. Steiger. 2,555,614, June 5.
Derivatives of organic amino alcohols and obtaining the same. L. M. Long. 2,562,107, July 24.
Derivatives of parahydroxypenicillin G. F. H. Stodola, J. L. Wachtel, and R. D. Coghill. 2,573,741, Nov. 6.
Derivatives of 3 (α)-hydroxycholanic acid. E. C. Kendall. 2,541,074, Feb. 13.
Derivatives of 3:5-dioxo-pyrazolidine and their manufacture. H. Stenzl. 2,562,830, July 31.
Derivatives of 3-keto-Δ4-etiocholenic acid, Preparing. A. L. Wilds. 2,538,611, Jan. 16.
Derivatives of 21-hydroxy-pregnene-(5)-ol-(3)-one-(20), Preparing. H. Ruschig. 2,554,473, May 22.
Derivatives of *v*-triazolo (d) pyrimidine and preparing the same. R. P. Parker and J. S. Webb. 2,543,333, Feb. 27.
Derrick. H. R. Poetker. 2,551,286, May 1.
Derrick, Log-handling. S. S. McIntyre. 2,558,306, June 26.
Derrick or mast, Portable. C. E. Sommarstrom. 2,556,948, June 12.
Derrick, Portable. A. F. Barhorst. 2,553,229, May 15.
Desiccant pouch. C. A. Southwick, Jr. 2,578,324, Dec. 11.
Desiccating device for firearm barrels. G. E. Gibson. 2,557,277, June 19.
Designing and laying out plans of building. J. D. McCall. 2,545,409, Mar. 13.
Desk. C. M. Abrahamson. 2,560,400, July 10.
Desk and seat, Adjustable tubular metal school. I. A. Bruchet. 2,559,396, July 3.
Desk and table, Folding. H. B. Barber. 2,572,585, Oct. 23.
Desk, Combination. A. F. Tubacki. 2,577,934, Dec. 11.
Desk for automobile seats, Portable folding. W. H. Hubsch. 2,556,724, June 12.
Desk, Knockdown. H. Derman. 2,558,209, June 26.
Desk, Knockdown. L. Snider. 2,549,943, Apr. 24.
Desk monitor and receptacle, Combination. R. M. Harris, 2,555,743, June 5.
Desk top, Adjustable. B. J. Oom, C. L. Tinklepaugh, and E. E. Westen. 2,579,606, Dec. 25.
Desk, Typewriter. M. Bergson. 2,545,253, Mar. 13.
Desk, Typewriter. C. W. Koch. 2,541,075, Feb. 13.
Desolventizing of solvent-extracted solid particles. E. H. Leslie. 2,571,143, Oct. 16.
Dessication product removal means. R. E. Colwell. 2,575,748, Nov. 20.
Desticizing process. C. K. Bump and H. F. Park. 2,562,138, July 24.
Destroyer, Insect. W. A. Moore. 2,567,616, Sept. 11.
Desulfurization and sweetening of virgin distillates with an aldehyde. E. Arundale and E. E. Juterbock. 2,567,175, Sept. 11.
Desulfurization of ferrous metals. P. M. Hulme. 2,577,764, Dec. 11.
Desulfurization of gases. E. B. Miller. 2,561,990, July 24.
Desulfurization of gases. S. P. Robinson. 2,551,905, May 8.
Desulfurization of hydrocarbon extracts. F. W. B. Porter and R. P. Northcott. 2,574,450, Nov. 6.
Desulfurization of hydrocarbon oils. K. M. Brown and W. W. Johnstone. 2,549,052, Apr. 17.
Desulfurization of hydrocarbon oils. W. I. Gilbert and W. A. Horne. 2,560,433, July 10.
Desulfurization of hydrocarbons. H. Heinemann. 2,537,756, Jan. 9.
Desulfurization of hydrocarbons. P. X. Spillane. 2,559,323, July 3.
Desulfurizing of Searles Lake Brine. L. A. Blackmun. 2,567,867, Sept. 11.
Desulfurizing petroleum oils. R. C. Brandon. 2,537,620, Jan. 9.
Desulfurization process. K. M. Brown and C. G. Gerhold. 2,556,157, June 12.
Detachable aspirator. L. G. Fox. 2,575,513, Nov. 20.
Detachable bust separator. R. M. Goddard. 2,559,294, July 3.
Detachable connector. F. B. Harley. 2,567,069, Sept. 4.
Detachable connector. J. H. Hayes. 2,579,739, Dec. 25.
Detachable drive mechanism for vehicles equipped with product unloading means. L. M. Claffey. 2,563,158, Aug. 7.
Detachable fastener. H. Pommier. 2,543,933, Mar. 6.
Detachable fishhook connector. F. H. Caldwell. 2,575,044, Nov. 13.
Detachable handle lock. F. W. Coffing. 2,546,387, Mar. 27.
Detachable means for combination bed structures. T. Bua. 2,544,132, Mar. 6.
Detachable mount for telescopes. H. E. Schall. 2,580,246, Dec. 25.
Detachable receptacle for portable baby bathing outfits. D. E. Johnson. 2,579,674, Dec. 25.
Detachable vehicle wheel. W. R. Whitehead. 2,573,079, Oct. 30.
Detachable window screen. W. A. Behnke. 2,568,139, Sept. 18.
Detaching motion. J. S. Dudley and C. D. Brandt. 2,536,754, Jan. 2.
Detearing apparatus, Electrostatic. E. M. Ransburg. 2,549,927, Apr. 24.
Detecting and testing apparatus for switching systems, Automatic electronic. H. W. Koch. 2,545,551, Mar. 20.
Detecting cloudiness of transparent material. J. C. Frommer. 2,562,181, July 31.
Detecting corrosion, Method and apparatus for. J. F. Bayhi. 2,553,350, May 15.
Detecting discharges on high-voltage windings. J. S. Johnson. 2,558,091, June 26.
Detecting flaws in rail or the like, Method and apparatus for. W. C. Barnes and H. W. Keevil. 2,571,998, Oct. 23.
Detecting incipient after-burning during regeneration. W. Muly and J. J. Heigl. 2,545,162, Mar. 13.
Detecting nuclear particles. E. G. Linder. 2,566,089, Aug. 28.
Detecting presence and movement of bodies. J. L. Barker. Re. 23,403, Sept. 4.
Detecting sound track imperfections. J. P. Corcoran and J. D. Stack. 2,538,354, Jan. 16.
Detecting system for frequency modulated waves. S. D. Robertson. 2,556,377, June 12.
Detecting the presence of objects by means of electromagnetic waves. J. J. Hugon. 2,567,939, Sept. 18.
Detecting vapors and the like, Method and apparatus for electrically. C. W. Rice. 2,550,498, Apr. 24.
Detection and measurement of penetrative radiation. C. G. Ludeman. 2,559,219, July 3.
Detection of carbon monoxide by palladous sulfite and/or palladosulfites. J. D. Main-Smith and G. A. Earwicker. 2,569,895, Oct. 2.
Detection of ions. J. A. Rajchman and P. K. Weimer. 2,575,769, Nov. 20.

Detection of leaks in pipe lines. N. K. Chamberlin. 2,537,737, Jan. 9.
Detection of scattered neutrons. K. C. Crumrine. 2,549,176, Apr. 17.
Detection of toxic gases, particularly carbon monoxide. W. H. Farr, W. F. Fagen, and S. C. Kolanowski. 2,553,179, May 15.
Detection of unbalance in alternating current loads. W. O. Gates. 2,545,547, Mar. 20.
Detector and line termination device, Coaxial crystal. J. P. Leiphart. 2,557,122, June 19.
Detector carrier for seismic explorations. J. W. Flude. 2,568,851, Sept. 25.
Detector, Electronic metal. F. M. Shoemaker. 2,550,607, Apr. 24.
Detector fed automatic volume control. D. L. Hings. 2,540,483, Feb. 6.
Detector for elementary particles. J. W. Coltman and F. B. Marshall. 2,550,106, Apr. 24.
Detector, Long wave length infrared radiation. E. S. Rittner. 2,547,173, Apr. 3.
Detector, Magnetic. J. Kurtz and F. J. Paetsch. 2,554,575, May 29.
Detector mechanism for capping machines. G. M. Stevenson. 2,579,404, Dec. 18.
Detector, Nuclear radiation. P. C. Smith and J. H. Reisner. 2,550,610, Apr. 24.
Detector, Portable radiation. J. M. Constable. 2,549,058, Apr. 17.
Detent. R. D. Miller. 2,554,586, May 29.
Detent mechanism for recoil operated firearms. B. Maillard. 2,562,801, July 31.
Detergent and making same, Mild. J. J. Miskel and L. Rassner. 2,553,716, May 22.
Detergent composition. J. Y. Ayo and F. J. Gajewski. 2,542,385, Feb. 20.
Detergent composition. J. J. Ayo, F. J. Gajewski, and H. L. Sanders. 2,560,839, July 17.
Detergent composition. E. J. Black. 2,555,285, May 29.
Detergent compositon. P. B. H. M. Dobbelmann and S. H. Bertram. 2,571,690, Oct. 16.
Detergent composition. J. C. Harris and M. Kosmin. 2,572,805, Oct. 23.
Detergent composition and preparing same. D. W. Jayne, Jr. 2,545,357, Mar. 13.
Detergent compositions. W. Baird and G. P. Crowley. 2,576,913, Dec. 4.
Detergent compositions. W. Baird, E. G. Parry, and T. E. Thompson. 2,577,503, Dec. 4.
Detergent compositions, Noncorrosive. J. C. Harris. 2,550,691, May 1.
Detergent compositions, Ternary. J. M. Lambert. 2,577,773, Dec. 11.
Detergent dispenser and timer valve for dishwashing machines. C. de Ganahl, C. C. Smith, and I. P. Romberger, Jr. 2,573,787, Nov. 6.
Detergent dissolving device. M. S. Sage. 2,537,790, Jan. 9.
Detergent for removing skin adherents and the like. S.Clensos. 2,539,531, Jan. 30.
Detergent-supplying means for dish washing machines. J. T. P. Le Gore. 2,563,652, Aug. 7.
Detergent testing machine. R. Bernstein. 2,568,707, Sept. 25.
Detergents, Reverse. W. H. Kirkpatrick and D. L. Wilson. 2,568,737, Sept. 25.
Determination of ground constants. M. K. Goldstein. 2,575,340, Nov. 20.
Determination of petroleum sulfonate as a demulsifying agent for water-in-oil emulsions. R. A. Salathiel. 2,543,871, Mar. 6
Determining aerodynamic states of aircraft. W. N. Findley. 2,538,303, Jan. 16.
Determining cut point in pipe-line crude oil batching. R. N. Meinert. 2,570,064, Oct. 2.
Determining hardenability of steel. M. A. Grossmann. 2,559,016, July 3.
Determining path, rate of flow, etc., in subsurface strata. H. H. Hinson. 2,560,510, July 10.
Determining temperature of complete miscibility of liquids. R. J. Askevold. 2,548,763, Apr. 10.
Determining the angle of apparent climb or dive of a target, Automatically. H. K. Weiss. 2,539,501, Jan. 30.
Determining the concentration of a chemical constituent of a fluid. C. F. Wallace. 2,560,317, July 10.
Determining the cracking strength of concrete, Method and apparatus for. C. A. Forssell. 2,565,424, Aug. 21.
Determining the oxygen content of copper. C. M. Anderson, R. A. Harris, and C. C. Patton. 2,548,187, Apr. 10.
Determining the presence of gas in dispersions. A. Blanchard. 2,553,233, May 15.
Determining the proper setting of moving-picture projector equipment for minimum eye strain. G. S. Enos. 2,557,600, June 19.
Determining the rate of moisture absorption. H. J. Green, Jr. 2,575,169, Nov. 13.
Determining the streaming-potential characteristics of drilling mud, Method and apparatus for. M. R. J. Wyllie. 2,569,625, Oct. 2.
Determining toxicity, Method and apparatus for. M. E. Benesh. 2,538,498, Jan. 16.
Dethiolizing hydrocarbons. J. L. Meadows and J. N. Martin. 2,546,345, Mar. 27.
Dethiolizing hydrocarbons and other organic liquids. L. Rosenstein. 2,578,602, Dec. 11.
Detonating means for projectiles, Delayed. Jerome J. and Joseph J. Kurland. 2,545,474, Mar. 20.
Detonator, Commercial. C. R. L. Hall. 2,558,134, June 26.
Detoxifying castor bean proteins. H. F. Saunders. 2,547,980, Apr. 10.
Developer for bichromated colloids. P. J. Whyzmuzis and W. O. Kaupp. 2,564,414, Aug. 14.
Developer for dichroic iodine images. E. H. Land, J. Mahler, and M. Hyman, Jr. 2,543,179, Feb. 27.
Developers for the production of azine dye images, Color. R. C. Gunther. 2,570,116, Oct. 2.
Developing dyeings and prints produced with the tetrasulfuric acid leuco-ester of tetrahydro-1:2:2′:1′-dianthraquinoneazine. J. Duport and R. Spennrath. 2,553,243, May 15.
Developing electrostatic images with electroscopic powder, Method and apparatus for. L. E. Walkup and D. L. Fauser. 2,573,881, Nov. 6.
Developing rack. A. Anderkin. 2,547,245, Apr. 3.
Deviation detector apparatus for film registration. L. E. Clark and L. W. Oliver. 2,569,228, Sept. 25.
Device and method for controlling movement of rods in rod mills. W. G. Busser and P. J. Muller. 2,579,790, Dec. 25.
Device comprising a glow discharge tube. J. G. W. Mulder and F. M. Penning. 2,577,352, Dec. 4.
Device comprising at least one level vial. A. Wullschleger. 2,576,202, Nov. 27.
Device containing electron tubes for automatically stabilizing high-voltage sources with symmetrical potential distribution. O. Netteland. 2,569,945, Oct. 2.
Device controlling flow of material into a hopper, responsive to material level in said hopper. A. Genovese. 2,568,332, Sept. 18.
Device for actuating brake cables or like members for transmitting motions. H. W. Trevaskis. 2,555,207, May 29.
Device for adjustably interfitting two coactive members. F. A. Kane, Jr., and G. F. Oberrender. 2,574,109, Nov. 6.
Device for administering enemata. G. E. McLaren. 2,559,086, July 3.
Device for aiding in chart making. R. Bryngelson. 2,556,518, June 12.
Device for aiding in performing eye surgery. C. J. Noelle. 2,570,149, Oct. 2.
Device for aligning sheets. W. E. Vaughan, Jr., and J. C. Legler. 2,570,994, Oct. 9.
Device for amplifying or generating electric oscillations of very high frequency. G. de Vries. 2,545,073, Mar. 13.
Device for applying adhesive to a traveling surface. F. F. Ruau. 2,579,967, Dec. 25.
Device for applying chains to tires. G. F. Bradstreet. 2,537,440, Jan. 9.
Device for applying emasculating rings. A. Y. Montgomery. 2,561,286, July 17.
Device for applying liquid from a container to the hair. E. J. Loeffler. 2,550,832, May 1.
Device for applying marking stitches. S. H. Tillett and B. D. Feild. 2,551,182, May 1.
Device for applying nonskid chains to tires. C. H. Beggs. 2,551,412, May 1.
Device for applying rubber sleeves. R. H. Howard. 2,569,993, Oct. 2.
Device for applying spaced indicia to an object. L. Hirsch. 2,541,358, Feb. 13.
Device for applying tire chains. E. B. Green. 2,567,429, Sept. 11.
Device for assembling furring nails. V. A. Large. 2,577,020, Dec. 4.
Device for automatic frequency correction. E. H. Hugenholtz. 2,540,333 Feb. 6.
Device for automatic frequency correction. E. H. Hugenholtz. 2,567,286, Sept. 11.
Device for automatic regulation of fluid pressure. W. P. Ratchford and M. L. Fein. 2,536,089, Jan. 2.
Device for automatic regulation of room temperature in buildings. J. Geisseler. 2,560,282, July 10.
Device for automatically adjusting the diaphragm openings of cameras. A. J. Parody. 2,549,230, Apr. 17.
Device for automatically diverting telephone calls. P. Kaelin. 2,542,535, Feb. 20.
Device for automatically stopping motor vehicle engines after predetermined idling period. J. F. Dewhirst. 2,580,080, Dec. 25.
Device for braking motor vehicles. W. Engler. 2,539,994, Jan. 30.
Device for breaking up foam and froth. R. M. Mercier. 2,564,765, Aug. 21.
Device for breeding insects. A. W. Morrill. 2,539,633, Jan. 30.
Device for canning. S. Maurer. 2,538,115, Jan. 16.
Device for chilling liquid comestibles. A. M. Zalkind. 2,550,633, Apr. 24.
Device for clamping an auxiliary shield to a glare shield. H. Guenther. 2,542,409, Feb. 20.
Device for clamping inner tube stock. H. H. Vickers. 2,556,306, June 12.
Device for clamping tools. F. Turrettini. 2,557,582, June 19.

Device for cleaning bowling balls. D. F. Freitas. 2,572,464, Oct. 23.
Device for cleaning, lubricating, and sealing barrels of guns. W. F. Schnitger. 2,559,376, July 3.
Device for comparing traces on seismic records. J. E. Gaede. 2,550,238, Apr. 24.
Device for conditioning and reloading cartridge cases. L. S. Corcoran. 2,550,973, May 1.
Device for control and operation by fluid servomotor. G. Fleischel. Re. 23,326, Jan. 9.
Device for controlling flow of solids in a powdered solid and gas contacting operation. J. S. Palmer. 2,541,662, Feb. 13.
Device for controlling ice formations. M. L. Seyffert. 2,558,063, June 26.
Device for controlling textile machines. N. E. Klein. 2,569,475, Oct. 2.
Device for controlling the injection of fluids. S. S. Brown. 2,543,828, Mar. 6.
Device for controlling the level of liquids. E. M. J. Lepicard. 2,561,580, July 24.
Device for controlling the level of subdivided solid particles within a contacting chamber. J. Hoekstra. 2,559,876, July 10.
Device for controlling the operation of electric switches. D. M. King. 2,574,397, Nov. 6.
Device for controlling the tension of thread or yarn. C. Christiansen, V. Aker, and G. O. K. Rusch. 2,536,537, Jan. 2.
Device for controlling the terminal voltage of a current load. H. B. G. Casimir and H. Nieuwdorp. 2,549,959, Apr. 24.
Device for controlling the trailing edge camber flap of the wing of an aircraft. P. Briend. 2,563,453, Aug. 7.
Device for controlling time duration for operation of a valve. F. R. Hormann. 2,557,287, June 19.
Device for conversion of frequencies. E. Torcheux. 2,542,732, Feb. 20.
Device for converting rotary motion into reciprocating motion. E. O. Ohlsson. 2,547,594, Apr. 3.
Device for conveying and filling tires. A. O. Brooke. 2,539,055, Jan. 23.
Device for conveying paper and similar substances. P. Koole, L. R. Bourgonjon, and H. De Lange. 2,576,882, Nov. 27.
Device for cooking doughnuts. H. N. Irvine and K. L. Magee. 2,576,183, Nov. 27.
Device for copying records on a proportional scale. W. H. Baltin and R. R. Batcher. 2,575,742, Nov. 20.
Device for coupling and uncoupling drill rod joints. H. C. Johansen. 2,546,224, Mar. 27.
Device for creating oscillations. O. J. Alvarez. 2,542,271, Feb. 20.
Device for crushing and cleaning fibrous vegetable units. J. McCrae and E. Manero. 2,576,406, Nov. 27.
Device for crushing oleiferous seeds and fruit. H. van Buuren. 2,565,411, Aug. 21.
Device for cutting and slicing vegetables. H. E. R. Dent. 2,577,407, Dec. 4.
Device for cutting bottle seals. C. F. Dimitruk. 2,578,404, Dec. 11.
Device for cutting hard materials. J. Fiedler. 2,556,367, June 12.
Device for cutting index tabs in book pages. W. J. Alvino and J. Bauer. 2,538,613, Jan. 16.
Device for cutting off the ends of weft threads. H. Bosshard. 2,561,968, July 24.
Device for decorating cakes. V. S. Gapinski. 2,569,886, Oct. 2.
Device for differentially heating a plastic film. W. F. Flanagan. 2,560,855, July 17.
Device for deforming and removing crown caps. V. S. Belpedio and G. L. Barton. 2,548,697, Apr. 10.
Device for delivering predetermined quantities of liquids. H. G. Lane. 2,556,655, June 12.
Device for determining point at which pipe is stuck in a well. N. Brookes. 2,550,964, May 1.
Device for deveining shrimps. D. N. Kite. 2,537,836, Jan. 9.
Device for developing photoreproductive papers. L. Veyret. 2,542,381, Feb. 20.
Device for discharging wax and the like having a valve operating rod. S. L. McNair and C. E. Wyman. 2,578,078, Dec. 11.
Device for dispensing discrete particles. I. S. Boydstun. 2,574,166, Nov. 6.
Device for dispensing ignited cigarettes. F. J. Eberhardt and M. A. Tryon. 2,552,481, May 8.
Device for dispensing individually sealed articles or commodities. W. J. Renyck. 2,547,779, Apr. 3.
Device for dispensing material from colapsible paste tubes. R. D. Ruch. 2,545,751, Mar. 20.
Device for dispensing measured quantities of granular materials. J. Ardito. 2,561,721, July 24.
Device for dispensing medicaments. R. E. McCuiston. 2,573,918, Nov. 6.
Device for displaying merchandise. M. C. Ranseen. 2,576,969, Dec. 4.
Device for dividing coins into groups and for packing such groups. A. Frei. 2,566,935, Sept. 4.
Device for drawing off spun fibres. J. Moravec. 2,579,846, Dec. 25.
Device for dressing grinding wheels. F. Lohutko. 2,560,654, July 17.
Device for drying hair. G. F. Jaubert. 2,563,042, Aug. 7.
Device for ejecting an opaque medium in the soft parts of the body for X-raying purposes. J. J. Rommer. 2,567,895, Sept. 11.
Device for eliminating silent periods between intermittent recordings. M. Handschin. 2,553,410, May 15.
Device for evaporating disinfectants. W. L. Morrison. 2,539,696, Jan. 30.
Device for extinguishing a discharge tube having a mercury cathode. A. C. van Dorsten. 2,537,383, Jan. 9.
Device for extraction of sugar from sugar beet slices. E. Langen. 2,577,135, Dec. 4.
Device for facilitating the checking of storage batteries. G. F. Heine. 2,570,123, Oct. 2.
Device for fastening metal roof to buildings. W. E. Sampson. 2,574,937, Nov. 13.
Device for filling a plurality of bags with a predetermined quantity of potatoes or the like. A. Camps. 2,557,939, June 26.
Device for filling cartons. W. B. Massey. 2,537,361, Jan. 9.
Device for fluid flow between relatively moving objects. H. Rivers. 2,570,179, Oct. 2.
Device for folding tape for braiding. R. C. Griswold. 2,564,895, Aug. 21.
Device for folding the legs of an eviscerated bird. L. J. Bell. 2,560,067, July 10.
Device for forming cushioning strips. M. and L. D. Van Antwerpen. 2,552,912, May 15.
Device for forming fishing leaders. F. H. Kortz. 2,569,768, Oct. 2.
Device for forming flexible packing and cushioning elements. D. A. Brugger. 2,537,026, Jan. 9.
Device for friction driven drums. G. Bojner. 2,576,210, Nov. 27.
Device for fueling large aircraft. J. A. Berke. 2,578,036, Dec. 11.
Device for gauging magnetic materials. C. H. Angell. 2,537,731, Jan. 9.
Device for gauging the eccentricity and diameter of an annular part. W. F. Rosser. 2,547,719, Apr. 3.
Device for generating multiple signals of different frequencies. S. J. Haefner and R. H. Smith. 2,572,024, Oct. 23.
Device for generating neutrons. A. O. Hanson. 2,576,600, Nov. 27.
Device for generating parabolic curves. T. T. Pureka. 2,557,999, June 26.
Device for generation and modulation of impulses. G. G. Emanuelsson. 2,578,467, Dec. 11.
Device for giving shaft angular movement. R. R. Crookston. 2,563,584, Aug. 7.
Device for graphically representing flood conditions. F. B. Harkness. 2,550,692, May 1.
Device for grinding interior faces of tubes. F. R. Simpson and G. N. Saccas. 2,551,061, May 1.
Device for gripping pipes. A. L. Stone. 2,570,080, Oct. 2.
Device for handling burial vaults. H. C. Dreischerf. 2,547,627, Apr. 3.
Device for handling rigid sheets. R. C. Demler. 2,565,207, Aug. 21.
Device for handling sheet material. E. V. Grater. 2,566,489, Sept. 4.
Device for hanging floral displays. M. L. Spitz. 2,576,705, Nov. 27.
Device for hardening. J. R. Eves. 2,577,611, Dec. 4.
Device for heating fluids by means of solar energy. F. Trombe. 2,552,237, May 8.
Device for heating pieces of work by means of high-frequency alternating currents. H. J. M. van Embden. 2,537,289, Jan. 9.
Device for hidden stitch hemming. B. Zalleel. 2,555,525, June 5.
Device for hoisting and lowering barrels, etc. A. F. Natoli. 2,573,216, Oct. 30.
Device for holding and desiccating smoking pipes. J. K. Sellers. 2,577,278, Dec. 4.
Device for holding eyeglasses. M. D. M. Barroso. 2,541,493, Feb. 13.
Device for holding outboard motors to boats. B. L. Carpenter. 2,537,651, Jan. 9.
Device for holding wipers. O. C. Slavens. 2,548,127, Apr. 10.
Device for hypodermic injections. P. Kollsman. 2,578,813–14, Dec. 18.
Device for identifying a particular entry in a horse race. J. S. Butler. 2,539,810, Jan. 30.
Device for illuminating radio cabinets. A. N. Quidor. 2,559,224, July 3.
Device for imparting an intermittent rotary motion. G. E. Hartley. 2,537,345, Jan. 9.
Device for improvement of heating, ventilating, and air conditioning plants. N. P. W. Frisk. 2,542,763, Feb. 20.
Device for improving combustion in gasoline engines for automotive vehicles. A. Coquille. 2,553,896, May 22.
Device for increasing illumination of photographic images. J. B. Walker. 2,556,307, June 12.
Device for indicating excessive wear or heat to predetermined elements of vehicles. J. L. Wilkerson. 2,554,764, May 29.

Device for indicating weight of tank contents. C. A. de Giers and A. Wickesser. 2,551,793, May 8.
Device for inserting and extracting metal radio tubes. C. J. Thisse. 2,555,381, June 5.
Device for inserting corrections in a sequence of recorded intelligence. H. Kappeler. 2,558,853, July 3.
Device for inspecting transparent threaded glass articles such as insulators. E. D. Counsellor, Jr. 2,552,522, May 15.
Device for introducing motion into sealed casings. P. A. Noxon. 2,548,555, Apr. 10.
Device for locking machine slides. C. W. Berthiez. 2,551,237, May 1.
Device for lubricating fluid pressure operated means. A. L. Semon. 2,571,770, Oct. 16.
Device for making piecrusts. S. S. Smith. 2,546,656, Mar. 27.
Device for making pile fabrics. B. Kahn. 2,570,348, Oct. 9.
Device for marking out measurements on material for garments, etc. E. Schakel. 2,567,354, Sept. 11.
Device for marking patterns on cloth. B. N. Nock. 2,541,435, Feb. 13.
Device for measurement of the distances of obstacles. R. A. E. Higonnet. 2,570,235, Oct. 9.
Device for measuring angular body movements. J. R. Leighton. 2,565,381, Aug. 21.
Device for measuring or checking a transverse dimension in a piece of indefinite length. M. Mennesson. 2,560,883, July 17.
Device for measuring, or tracing and dividing angles. G. Bürckhardt. 2,546,885, Mar. 27.
Device for measuring the index-number of a telegraphic modulation. H. M. Bayard and R. J. C. Roquet. 2,562,761, July 31.
Device for measuring thickness of coatings. J. Slepian and B. F. Langer. 2,554,271, May 22.
Device for mixing machines for mortar, concrete, and the like. J. Jedlicka. 2,538,871, Jan. 23.
Device for mixing materials. A. Silverman. 2,549,644, Apr. 17.
Device for moistening envelope flaps. F. E. Helmuth. 2,564,842, Aug. 21.
Device for monitoring sound transmissions by radio. E. F. Hogan. 2,561,698, July 24.
Device for mounting insulating washers on electrical conductors. M. Sabine. 2,544,280, Mar. 6.
Device for moving ice-cream cones into position for receiving ice cream and then delivering them to a customer. A. J. Tacchella. 2,580,257, Dec. 25.
Device for nailing heels from the interior of shoes. V. Chmelar. 2,580,216, Dec. 25.
Device for notching an edge of a flexible web. P. Levine. 2,570,696, Oct. 9.
Device for opening paper cartons. J. J. Gregg. 2,550,346, Apr. 24.
Device for opening up streams of combustion gases. R. H. Goddard. 2,563,027, Aug. 7.
Device for operating hypodermic syringes. H. F. Maynes. 2,565,081, Aug. 21.
Device for operating the movable mechanism of firearms. V. Cerrella. 2,537,443, Jan. 9.
Device for operating the steering linkage of motor vehicles. A. Mosso and V. Montanari. 2,541,827, Feb. 13.
Device for phase modulation. D. Zschokke. 2,550,634, Apr. 24.
Device for phase modulation. D. Zschokke. 2,561,455, July 24.
Device for picking up messages from moving trains and the like. W. J. Aultz. 2,573,298, Oct. 30.
Device for placing slivers into cans. W. Naegeli. 2,546,557, Mar. 27.
Device for positioning and immobilizing infants to be X-rayed. G. E. Chapman. 2,571,011, Oct. 9.
Device for positioning parts. A. J. Merles. 2,576,305, Nov. 27.
Device for prefocusing lamps. M. R. Thorburn. 2,563,435, Aug. 7.
Device for preforming corrugated material for lamp shades. A. H. Bien. 2,579,171, Dec. 18.
Device for preserving and displaying autographed baseballs. W. Wasilevich. 2,551,354, May 1.
Device for presetting open and closed positions of the halves of cooperative two-part blank and blow molds of glassware forming machines. W. H. Storrs. 2,557,322, June 19.
Device for preventing false weft detection. L. A. Carron. 2,543,488, Feb. 27.
Device for preventing sliding parts from rotating. P. G. J. M. Audemar. 2,551,410, May 1.
Device for printing the peripheral surface of cylindrical objects. W. J. George. 2,564,657, Aug. 21.
Device for producing food products. J. J. Krantz. 2,575,921, Nov. 20.
Device for producing infrared rays. E. E. W. Kassner. 2,558,568, June 26.
Device for protecting and reinforcing the leads and points of pencils. R. H. Wendt. 2,562,345, July 31.
Device for pumping out floats. J. V. Thomas. 2,536,475, Jan. 2.
Device for rectifying alternating current. R. G. Streuber. 2,565,005, Aug. 21.
Device for reducing radio noise produced by the discharge of electrostatic accumulations. E. J. Lawton. 2,536,818, Jan. 2.
Device for refacing seats in lawn mower reel pinion gears. B. B. Brown. 2,558,232, June 26.
Device for re-forming metal tiles. C. J. Jensen, M. E. Lawyer, and H. A. Simpson. 2,573,767, Nov. 6.
Device for regulating mixed fluid temperatures. W. L. Vinson. 2,569,838, Oct. 2.
Device for regulating the output voltage of an amplifier by means of thermosensitive resistances. C. Chalhoub. 2,572,108, Oct. 23.
Device for regulation of the resistance of an electrolytic cell. R. J. Perret-Bit. 2,545,411, Mar. 13.
Device for recording answers to examination questions. R. Wistar. 2,540,363, Feb. 6.
Device for releasing acoustical time signals in clocks. W. H. Paül and E. F. Trenkle. 2,574,703, Nov. 13.
Device for releasing stuck rock drill steels. J. Alger. 2,579,533, Dec. 25.
Device for relieving and correcting ingrown toenails. S. W. Gibbons. 2,542,324. Feb. 20.
Device for removing and replacing sleeves. E. G. Fletcher. 2,568,998, Sept. 25.
Device for removing end play from electric motors. M. E. Beeker. 2,556,489, June 12.
Device for removing ink from fountain pens. P. M. Ressinger. 2,569,690, Oct. 2.
Device for removing the eyes from potatoes and the like. S. I. Standal. 2,540,220, Feb. 6.
Device for removing wrinkles. M. De Mar. 2,565,123, Aug. 21.
Device for reproducing magnetic records. L. L. Burns, Jr. 2,536,260, Jan. 2.
Device for retaining doors ajar. H. Berthene. 2,565,906, Aug. 28.
Device for retracting face skin. A. M. Brown. 2,575,204–5, Nov. 13.
Device for sampling fluid materials. A. W. Kelley. 2,564,697, Aug. 21.
Device for scaring birds. H. L. Berger. 2,575,252, Nov. 13.
Device for sealing packages with adhesive tape. H. A. Simpson and S. F. Mackelduff. 2,549,136, Apr. 17.
Device for sealing the joint between the surfaces of two relatively rotatable members. H. W. Trevaskis. 2,571,500, Oct. 16.
Device for selecting heddles for the application of threads. S. S. C. Fleischer. 2,564,330, Aug. 14.
Device for separating printing rollers in the absence of a paper sheet. G. Babicz. 2,553,399, May 15.
Device for separating the magnetic transducer and record member during rewind. J. B. Shickel. 2,560,254, July 10.
Device for setting backfires. A. B. Everts. 2,576,930, Dec. 4.
Device for sewing machines. H. N. Henriksen. 2,544,425, Mar. 6.
Device for sharpening cutlery. J. F. R. Karlström. 2,567,941, Sept. 18.
Device for shipping cartons and the like, Spacing. N. Okon. 2,565,146, Aug. 21.
Device for spinning pipe. W. J. Bielstein. 2,565,345, Aug. 21.
Device for spinning toys. M. Barist. 2,561,554, July 24.
Device for spraying upwardly or downwardly. M. Greene. 2,553,040, May 15.
Device for squeezing and storing collapsible tubes comprising a hollow casing with rollers therein. G. H. Snyder. 2,566,503, Sept. 4.
Device for stabilizing the frequency of an ultra short wave transmitter. P. Guenard. 2,547,159, Apr. 3.
Device for stabilizing trailers. C. M. Wakeman. 2,565,285, Aug. 21.
Device for starting races. B. B. Loveless, R. J. Alhand, and B. S. Sample. 2,547,332, Apr. 3.
Device for steering outboard motor boats. T. N. Garson. 2,561,440, July 24.
Device for storing and bundling newspapers. G. D. Dankert. 2,575,048, Nov. 13.
Device for storing and feeding elongated flexible pipe-cleaning members. R. A. Poekert. 2,562,574, July 31.
Device for storing and holding clips. R. O. Jaeger. 2,566,062, Aug. 28.
Device for straightening milk can covers. E. C. Anderson. 2,570,420, Oct. 9.
Device for stretching and/or forming the rims of spectacles. A. Horvath. 2,552,043, May 8.
Device for stripping annular elastic rubber articles from a core. H. Treckman. 2,547,894, Apr. 3.
Device for successively filling individual containers by means of a container-intercepting plunger. F. M. Hart. 2,540,945, Feb. 6.
Device for supporting and forwarding web material. W. Dreisel. 2,557,416, June 19.
Device for supporting and moving a lens in the operation of bevelling the same. M. Suben. 2,551,648, May 8.
Device for supporting electric pressure head apparatus. C. M. Hathaway. 2,539,833, Jan. 30.
Device for supporting rope-work soled canvas shoes during the sewing of the soles to the uppers. C. Carlino. 2,566,166, Aug. 28.

Device for taking radiograms. P. Godenne. 2,536,499, Jan. 2.
Device for teaching arithmetic. M. J. Russo. 2,560,130, July 10.
Device for teaching perspective. E. E. Rissland. 2,571,613, Oct. 16.
Device for telecontrol of spatial movement. M. L. Cailloux. 2,545,258, Mar. 13.
Device for testing air line pressure gauges. R. K. Boyer and H. W. Krohn, Jr. 2,579,359, Dec. 18.
Device for testing blowout preventers and casing. B. C. Christensen. 2,540,322, Feb. 6.
Device for testing cables. A. J. Meyerhoff and J. H. Sulzer. 2,568,161, Sept. 18.
Device for testing ferrous metals. P. E. Cavanagh. 2,564,777, Aug. 21.
Device for testing the deviation of instruments. E. A. Wilkenson and P. T. Faxén. 2,539,713, Jan. 30.
Device for the examination of postage stamps. N. A. Benson. 2,571,188, Oct. 16.
Device for the manufacture of artificial fibers. M. D. Debouteville. 2,549,179, Apr. 17.
Device for the measurement of lengths. F. Turrettini. 2,536,706, Jan. 2.
Device for the medical treatment of persons with high-frequency energy. J. M. Ledeboer and J. Fransen. 2,543,248, Feb. 27.
Device for the medical treatment of persons with high-frequency energy and electrode for such a device. J. Fransen. 2,536,271, Jan. 2.
Device for the promotion of chimney intake. A. Burger. 2,544,776, Mar. 13.
Device for the remote control of electrical circuits. M. Handschin. 2,542,192, Feb. 20.
Device for the remote transmission of rotary movements with correct angular displacement. K. B. Palme. 2,565,781, Aug. 28.
Device for the selective opening of circuit breakers protecting installations. F. J. M. Theunissen. 2,551,304, May 1.
Device for the stereophonic recording of sound vibrations. K. de Boer and A. T. van Urk. 2,563,010, Aug. 7.
Device for the suspension of vehicles. J. Vancoppenolle. Re. 23,401, Aug. 21.
Device for the treatment of gases. P. G. Vicard. 2,579,282, Dec. 18.
Device for the treatment or impregnation of rayon and similar textile fibers. B. Steverlynck. 2,571,305, Oct. 16.
Device for tightening the weft in circular looms. V. M. J. Ancet. 2,539,984, Jan. 30.
Device for tightening wire. J. E. Scheuerlein. 2,577,212, Dec. 4.
Device for translating duration or time modulated pulses into coded pulses. P. F. M. Gloess and L. J. Libois. 2,560,434, July 10.
Device for transmission and reception of very short electrical waves. C. W. Hansell. 2,577,463, Dec. 4.
Device for transmitting over a distance the position of an operating or indicating member. J. M. Unk and A. Horowitz. 2,553,069, May 15.
Device for treating food material. H. J. Bierman. 2,539,226, Jan. 23.
Device for treating oil for the separation of water. E. H. Griffith. 2,567,998, Sept. 18.
Device for treating teeth and gums. G. A. Kempster. 2,545,814, Mar. 20.
Device for treatment of bone fractures. L. T. Wright. 2,561,550, July 24.
Device for use in assembling parts of fabrics. R. N. Youngblood and E. W. Errick. 2,573,087, Oct. 30.
Device for use in bathing infants. A. J. Burke. 2,547,564, Apr. 3.
Device for use in packaging food. A. J. Thiede. 2,571,630, Oct. 16.
Device for use in polishing articles. R. Whitehead. 2,550,630, Apr. 24.
Device for use in the adhesive attachment of edge bindings to shoe platforms. C. G. Melanson. 2,571,276, Oct. 16.
Device for use with suspension file. L. G. Ellis. 2,563,226, Aug. 7.
Device for washing and scraping the inside of fish. C. E. Taus. 2,536,826, Jan. 2.
Device for waxing floors. W. G. Nord. 2,537,784, Jan. 9.
Device for weaning infants. R. C. Kersh. 2,550,568, Apr. 24.
Device in dishwashing machine for recovering silverware and the like. M. Cavicchioli. 2,573,128, Oct. 30.
Device intended for the transmitting of enery by means of a hollow electromagnetic guide. H. Gutton. 2,544,923, Mar. 13.
Device on harnesses for parachutes fitted with quick release device. C. H. Lundhold. 2,546,763, Mar. 27.
Device on machines manufacturing endless cable casings. A. C. Hussnigg. 2,559,191, July 3.
Device, particularly for the rapid forging of workpieces of centrally symmetrical cross section. A. Saxer. 2,562,644, July 31.
Device to clean Venetian blind slats. H. C. Shirley. 2,546,526, Mar. 27.
Device to facilitate amputee operation of motor vehicles. F. W. Reeder and M. E. Ondov. 2,548,240, Apr. 10.
Device to indicate operation of ignition coil and defective spark plugs and wiring of an automobile engine. J. Kovac. 2,564,764, Aug. 21.
Device to prevent overheating of shaft bearings. P. E. Bessierè. 2,566,715, Sept. 4.
Device to promote nasal breathing and prevent snoring. M. P. Carlock. 2,569,743, Oct. 2.
Device to support regulators for dispensing liquified petroleum gases. J. H. Gilhooly. 2,540,818, Feb. 6.
Device utilizing the thermal-pump principle for the production of heat and cold. J. Sallou. 2,545,861, Mar. 20.
Devices for obtaining composite photographs and motion pictures. A. Dufour. 2,553,903, May 22.
Devices for positioning and handling cylindrical articles. G. A. Hileman. 2,562,035, July 24.
Dew point meter. F. Rieber. 2,542,944, Feb. 20.
Dewatering or drying of peat. D. S. King. 2,566,943, Sept. 4.
Dewaxing hydrocarbon oil with vortex separator. J. B. Hunter. 2,538,870, Jan. 23.
Dewaxing of mineral and tar oils. K. A. Fischer. 2,565,489, Aug. 28.
Dewaxing oil solution, Method and centrifuge for. G. H. Andersson. 2,547,612, Apr. 3.
Dewaxing petroleum products with monobromo-monochloro-methane. K. A. Fischer. 2,578,685, Dec. 18.
Dextrinization of manno-galactans. J. W. Swanson. 2,553,485, May 15.
Dextrose, Production of. L. Wallerstein and I. Stone. 2,567,000, Sept. 4.
Diacetyl as shortstop in butadiene-1,3 emulsion polymerization. W. E. Messer and J. A. Reynolds. 2,538,260, Jan 16.
Diacyl esters of fluorocarbon aldehydrols. D. R. Husted and A. H. Ahlbrecht. 2,568,501, Sept. 18.
Diacyl phenylpropaneaminodiols. H. M. Crooks, Jr., M. C. Rebstock, J. Controulis, and Q. R. Bartz. 2,538,765, Jan. 23.
Diagnosis of allergies. W. H. Gardner. 2,570,339, Oct. 9.
Diagnostic composition. R. S. Nicholls and D. E. Fonner. 2,577,978, Dec. 11.
Diagnostic composition, Tuberculosis. H. J. Corper. 2,553,552, May 22.
Diagnostiscope. W. J. Daly. 2,544,779, Mar. 13.
Diagonal creping method and apparatus. W. W. Rowe. 2,567,967, Sept. 18.
Dial attachment, Telephone. R. Sandor. 2,558,585, June 26.
Dial device, Sun. J. K. Triplett. 2,536,328, Jan. 2.
Dial for exposure meters, Interchangeable. P. Poirette. 2,550,936, May 1.
Dial for gauges. E. G. Adams. 2,550,033, Apr. 24.
Dial indicating mechanism. H. J. Siekmann and G. J. Kasselmann. 2,554,721, May 29.
Dial, Illuminated. R. L. Oetting. 2,561,881, July 24.
Dial, Illuminated. G. F. Prideaux and R. L. Oetting. 2,561,885, July 24.
Dial instrument movement. C. N. Sugden, A. D. Eplett, and D. B. Miner. 2,541,790, Feb. 13.
Dial, Lathe cross-feed indicating. G. W. Luning. 2,572,361, Oct. 23.
Dial, Micrometer. T. F. Eserkaln, F. Steinbrecker, and O. H. Arndt. 2,557,866, June 19.
Dial plate. N. Pritikin. 2,561,672, July 24.
Dial pulse receiving circuit. F. E. Blount. 2,580,069, Dec. 25.
Dial, Radio tuning. C. D. Westover. 2,552,828, May 15.
Dial snap gauge. A. H. Emery and J. E. Delaney. 2,555,120, May 29.
Dial unit assembly, Interchangeable clock. M. A. Blouin. 2,575,090, Nov. 13.
Dial, Vernier tuning. O. E. Wagenknecht and G. E. Gustafson. 2,567,585, Sept. 11.
Dialed number recovery circuit. W. H. T. Holden. 2,562,717, July 31.
Dialing apparatus, Automatic multiple. C. W. Olliver. 2,576,189, Nov. 27.
Dialdehyde diacetals, Production of. F. G. Young. 2,556,312, June 12.
Dialdehydo compounds. D. T. Warner and O. A. Moe. 2,575,375, Nov. 20.
Dialkyl hydrogen phosphites, Manufacture of. H. S. Bloch. 2,570,512, Oct. 9.
Dialkyl vinyl phosphates and polymers. R. W. Upson. 2,557,805, June 19.
Dialkylacetals of aceto-acetaldehyde, Preparation of. H. H. Richmond. 2,570,713, Oct. 9.
Dialkylalkenylsuccinates. H. W. Rudel and J. I. Wasson. 2,561,232, July 17.
Dialkylaminobenzylidene dyes. G. H. Keyes and L. G. S. Brooker. 2,538,008, Jan. 16.
Dialkyl - delta - acylaminobutylmalonate and preparing same. D. E. Floyd. 2,572,020, Oct. 23.
Dialkyldithiophosphatomethylureas. E. O. Hook and P. H. Moss. 2,566,288, Aug. 28.
Dialkyldithiophosphoric acid formaldehyde condensation products. E. O. Hook and P. H. Moss. 2,577,966, Dec. 11.
Di(alkylphenyl)-alkenes. H. Pines and V. N. Ipatieff. 2,578,207, Dec. 11.
Diallyl cyanamide copolymer compositions. E. K. Drechsel and J. J. Padbury. 2,550,652, Apr. 24.
Diallyl esters and poylmers thereof. L. N. Whitehill and E. C. Shokal. 2,545,184, Mar. 13.

Diallyl ether dichlorohydrins. O. C. W. Allenby. 2,543,952, Mar. 6.
Diallyl ether dichlorohydrins, Preparation of. G. H. Segall. 2,543,992, Mar. 6.
Dialysis procedure. F. K. Daniel. 2,568,990, Sept. 25.
Dialytic membrane and producing same. N. Drisch and P. Herrbach. 2,563,644, Aug. 7.
Dialyzing membrane and dialysis. R. T. K. Cornwell, E. J. Dunn, and A. W. Hunter. 2,574,533, Nov. 13.
Diamidothiophosphates. L. R. Drake. 2,552,539, May 15.
Diamidothiophosphates. L. R. Drake and C. L. Moyle. 2,552,538, May 15.
Diamidothiophosphates. C. L. Moyle. 2,552,577, May 15.
Diamine-fatty acid salts. S. A. Ballard. 2,539,685, Jan. 30.
Diamino and substituted diamino tetrahydroxy cyclohexanes. R. L. Peck. 2,557,560, June 19.
Diaminodiphenylsulfone derivatives. M. Kosmin. 2,572,570, Oct. 23.
Diamond bit. W. S. Crake. 2,545,195, Mar. 13.
Diamond impregnated dressing tool. L. Small. 2,545,676, Mar. 20.
Diamond indenter for testing the hardness of metals. F. Fromholt. 2,554,901, May 29.
Diamond plug or blast hole bit. E. C. Bonsall. 2,558,415, June 26.
Diamond-set tool. G. R. Norling. 2,561,709, July 24.
Diamond setting block device. W. W. Coffer, Jr. 2,556,067, June 5.
Diamond setting for watches. L. M. Newhouse. 2,536,206, Jan. 2.
Diamond tools, Making. A. Simons. 2,571,772, Oct. 16.
Diaper. W. L. Avery. 2,544,002, Mar. 6.
Diaper. V. Blake. 2,577,398, Dec. 4.
Diaper. M. E. Brink. 2,545,761, Mar. 20.
Diaper. S. Crane. 2,560,332, July 10.
Diaper. R. Gross. 2,570,796, Oct. 9.
Diaper. R. C. and H. S. Habig. 2,558,215, June 26.
Diaper. A. O. Karels. 2,548,162, Apr. 10.
Diaper. R. R. Rohrer. 2,568,595, Sept. 18.
Diaper. J. R. Slusser. 2,568,305, Sept. 18.
Diaper. P. Stamberger. 2,570,011, Oct. 2.
Diaper. S. M. Ward. 2,577,096, Dec. 4.
Diaper, Adjustable. M. M. Laser. 2,568,590, Sept. 18.
Diaper, Catamenial. N. Fox. 2,551,663, May 8.
Diaper cover. M. Donovan. 2,575,163, Nov. 13.
Diaper cover. M. Donovan. 2,575,165, Nov. 13.
Diaper cover. M. E. Steinert. 2,544,620, Mar. 6.
Diaper device. G. A. Bricmont. 2,538,758, Jan. 23.
Diaper, Disposable. R. J. Brandl. 2,564,094, Aug. 14.
Diaper for infants. B. S. Goodwin and D. L. Atmar. 2,551,667, May 8.
Diaper holder. A. Grossman. 2,566,193, Aug. 28.
Diaper housing. M. Donovan. 2,575,164, Nov. 13.
Diaper, Infant's. J. E. Mesmer. 2,570,963, Oct. 9.
Diaper pants and pad for same. C. F. McKhann and G. A. Bricmont. 2,549,982, Apr. 24.
Diaper, Pinless adjustable. Y. and P. Ostrovsky. 2,566,139, Aug. 28.
Diaper, Tape string. R. Howard. 2,571,577, Oct. 16.
Diaper wrap. M. Donovan. 2,556,800, June 12.
Diaphragm. G. E. Nicholson and J. B. McGay. 2,578,730, Dec. 18.
Diaphragm. W. A. Snell. 2,538,478, Jan. 16.
Diaphragm anchoring means. J. A. Chyba. 2,550,672, May 1.
Diaphragm and baffle, Acoustic. W. L. Carlson and L. E. Barton. 2,552,309, May 8.
Diaphragm assembly. C. M. Lee. 2,556,546, June 12.
Diaphragm assembly, Balanced valve. H. E. Jacobus. 2,567,071, Sept. 4.
Diaphragm chamber. T. Eichmann. 2,551,489, May 1.
Diaphragm chuck. M. H. Arms. 2,538,289, Jan. 16.
Diaphragm chuck. G. and E. F. Hohwart. 2,565,430, Aug. 21.
Diaphragm chuck. G. and E. F. Hohwart. 2,577,656, Dec. 4.
Diaphragm chuck (universal gear type). G. and E. F. Hohwart. 2,568,585, Sept. 18.
Diaphragm construction. L. Hornbostel. 2,564,693, Aug. 21.
Diaphragm construction, Flexible. K. L. Schaus. 2,550,940, May 1.
Diaphragm control valve. F. R. Goehring. 2,564,569, Aug. 14.
Diaphragm cover for liquid storage tanks. F. L. Plummer. 2,578,090, Dec. 11.
Diaphragm for electroacoustic transducers. H. F. Hopkins. 2,549,091, Apr. 17.
Diaphragm for loud-speakers, Cone. C. E. Stevens. 2,549,139, Apr. 17.
Diaphragm for radioscopic apparatus, Movable. M. D. Poittevin. 2,546,699, Mar. 27.
Diaphragm for reheat elastic fluid turbines. C. D. Wilson. 2,547,300, Apr. 3.
Diaphragm gasket. C. E. Hansen. 2,537,308, Jan. 9.
Diaphragm introducer. L. Coel. 2,548,775, Apr. 10.
Diaphragm, Loud-speaker. C. E. Stevens. 2,549,138, Apr. 17.
Diaphragm manufacture. J. E. Keddie. 2,540,450, Feb. 6.
Diaphragm mounting. F. H. Slaymaker, W. F. Meeker, and L. L. Merrill. 2,541,944, Feb. 13.
Diaphragm operated disk brake. K. E. Lyman. 2,541,707, Feb. 13.
Diaphragm power chamber. E. Knauss. 2,574,700, Nov. 13.
Diaphragm pump. J. Schroeder. 2,575,398, Nov. 20.
Diaphragm pump. R. Von Rotz. 2,576,200, Nov. 27.
Diaphragm pump. J. E. N. Yates., A. L. B. Dawson, and G. C. Meredew. 2,542,786, Feb. 20.
Diaphragm seal. J. B. Peterson. 2,545,530, Mar. 20.
Diaphragm seal for high pressures. T. R. Smith. 2,574,297, Nov. 6.
Diaphragm, Tubular X-ray. J. A. Lely and T. W. van Rijssel. 2,558,492, June 26.
Diaphragm type blood pressure gauge. H. R. Bierman. 2,549,049, Apr. 17.
Diaphragm unit. L. Hornbostel. 2,567,151, Sept. 4.
Diaphragm valve. W. J. Hughes. 2,577,967, Dec. 11.
Diaphragm valve. O. Jacobsen. 2,540,371, Feb. 6.
Diaphragm valve. L. A. Kempton. 2,562,315, July 31.
Diaphragm valve. H. E. Morrison. 2,562,631, July 31.
Diaphragm valve. W. O. Teeters. 2,575,775, Nov. 20.
Diaphragm with plural voice coil supports, Acoustic. J. B. Brennan. 2,551,556, May 1.
Diaphragms, Making oval. J. T. Clark. 2,540,932, Feb. 6.
Diaralkyl carbinyl esters of dialkylamino alkanoates and the production thereof. J. W. Cusic. 2,543,764, Mar. 6.
Diarylalkanes, Production of. V. N. Ipatieff and H. Pines. 2,557,505, June 19.
Diaryl sulfones and their manufacture. R. J. Lee. 2,556,429, June 12.
Diazine sulfonamides and preparing the same. J. W. Clapp and R. O. Roblin, Jr. 2,577,231, Dec. 4.
Diazoamino compounds. J. J. Denton and R. S. Long. 2,572,916, Oct. 30.
Diazo thioethers. W. B. Reynolds and E. W. Cotten. 2,540,011, Jan. 30.
Diazotype layer containing three coupling components for neutral black shades. S. C. Slifkin. 2,537,919, Jan. 9.
Diazotype layers containing diazos of N-(2-hydroxypropyl)-phenylenediamines. W. H. von Glahn and L. N. Stanley. 2,552,354, May 8.
Diazotype layers containing resorcinol derivatives. W. H. von Glahn and L. N. Stanley. 2,536,989, Jan. 2.
Diazotype layers having cyan acetyl amides as azo components. W. H. von Glahn and L. N. Stanley. 2,537,001, Jan. 2.
Diazotype layers having organic esters and nitriles containing an active methylene group as azo components. W. H. von Glahn and L. N. Stanley. 2,552,355, May 8.
Diazotype photoprinting material. S. C. Slifkin. 2,560,137, July 10.
Diazotype photoprinting materials containing colloidal silica. W. H. von Glahn and L. N. Stanley. 2,566,709, Sept. 4.
Diazotypes containing a guanide base in a gelatin layer to prevent dye diffusion. H. H. Duerr. 2,545,423, Mar. 13.
Diazotypes containing aldehyde reaction products of dihydroxy aryl compounds. W. H. von Glahn and L. N. Stanley. 2,541,727, Feb. 13.
Diazotypes containing 4-oxyquinolone-2 derivatives. W. H. von Glahn and L. N. Stanley. 2,542,850, Feb. 20.
Diazotypes containing pyronones. W. H. von Glahn and L. N. Stanley. 2,542,849, Feb. 20.
Diazotypes containing resorcinol sulfonic acids as coupling components. W. H. von Glahn and L. N. Stanley. 2,545,057, Mar. 13.
Diazotypes containing 6-hydroxy-1,3-benzoxathiolone-2 and its derivatives. W. H. von Glahn and L. N. Stanley. 2,547,843, Apr. 3.
Diazotypes containing thiobarbituric acid. W. H. von Glahn and L. N. Stanley. 2,542,848, Feb. 20.
Diazotypes on plastic surfaced carrier containing 5,5′ diresorcinol. F. W. Neumann. 2,542,560, Feb. 20.
Dibasic acid esters and producing them. P. V. Smith, Jr. 2,575,195, Nov. 13.
Dibasic aromatic acids by oxidation, Preparation of. W. S. Emerson, T. C. Shafer, and R. A. Heimsch. 2,559,147, July 3.
Dibenzothiophene derivatives. M. Scalera and D. R. Eberhart. 2,563,795, Aug. 7.
Dibenzyl diglycolate. W. E. Scheer. 2,565,888, Aug. 28.
Di-(beta-hydroxyalkyl)-2-(alkyl carbamyl-oxy)-alkylmines. R. T. Olsen. 2,556,146, June 5.
Diborane, Preparation of. H. I. Schlesinger and H. C. Brown. 2,543,511, Feb. 27.
Diborane, Preparation of. H. I. Schlesinger and H. C. Brown. 2,544,472, Mar. 6.
Diborane, Preparation of. H. I. Schlesinger and H. C. Brown. 2,555,512, June 5.
Dicarbamates and polymers. C. E. Gleim. 2,541,646, Feb. 13.
Dicarboxylic acids or anhydrides thereof, Production of. W. G. Toland, Jr. 2,574,512, Nov. 13.
Dice shaking apparatus. W. W. Meeks. 2,577,087, Dec. 4.
Dicer assembly. C. E. Ives. 2,538,906, Jan. 23.
Dicer, Kitchen potato. H. S. Zahner and W. S. Nash. 2,559,554, July 3.
Dichloro-dialkoxy dodecadienes. G. E. Tabet. 2,570,887, Oct. 9.
Dichloro diether esters. M. F. Fegley and W. J. Croxall. 2,575,009, Nov. 13.

Dichloro-dihydroxybenzophenones and their production, Unsymmetrical. H. E. Faith and H. J. Florestano. 2,565,300, Aug. 21.
Dichlorododecafluoroheptane and derivatives thereof, Production of. K. W. Krantz. 2,568,642, Sept. 18.
Dichloromalonaldehydrates. M. F. Fegley and W. J. Croxall. 2,575,010, Nov. 13.
Dichloropyrazines and preparing same. A. A. Miller. 2,573,268, Oct. 30.
Dichroic light-polarizing sheet materials and the like and the formation and use thereof. J. F. Dreyer. 2,544,659, Mar. 13.
Dictating machine. J. H. Trevitt and J. E. Renholdt. 2,548,831, Apr. 10.
Dictation mask with cartridge type silencer. H. L. Webb. 2,572,547, Oct. 23.
Dicyandiamide and formaldehyde product and making. L. Sellet and W. O. Dawson. 2,567,238, Sept. 11.
Dicyandiamide nitrate. J. H. Paden and A. F. MacLean. 2,537,850, Jan. 9.
Dicyclohexylamine, Production of. L. J. Dankert and D. A. Permoda. 2,571,016, Oct. 9.
Dicyclohexylammonium nitrite, Preparing. A. Wachter and N. Stillman. 2,544,245, Mar. 6.
Die: *See*—

Crimping die.	Roller die.
Cutting die.	Sectional perforating die.
Laminated die.	Wire enameling die.

Die and making it, Heading. H. B. Duncan. 2,544,302, Mar. 6.
Die and punch retainer device. R. Chaney. 2,574,910, Nov. 13.
Die and tap holder. J. L. Mather and T. B. Robb. 2,541,262, Feb. 13.
Die assembly. T. S. See. 2,559,679, July 10.
Die-casting apparatus. J. Y. Taylor. 2,578,105, Dec. 11.
Die casting machine having noninflammable fluid-actuated injection plunger. P. J. Lindner. 2,557,551, June 19.
Die-cut card. G. B. Histed. 2,578,548, Dec. 11.
Die cutter. L. Sabo. 2,550,299, Apr. 24.
Die cutting block. B. W. Bender. 2,575,378, Nov. 20.
Die for nut machines, Composite. J. H. Friedman. 2,568,440, Sept. 18.
Die for the extrusion of metals. J. Sejournet and J. Bonnassieux. 2,538,918, Jan. 23.
Die for use with a punch. N. T. Hermann. 2,568,152, Sept. 18.
Die head for cutting threads. F. Griffith. 2,574,260, Nov. 6.
Die head for multiple extrusion. P. Fay. 2,569,373, Sept. 25.
Die head, Self-opening. R. M. Strickland. 2,556,742, June 12.
Die lifting hook. R. W. Schleicher. 2,552,219, May 9.
Diemaking machine. H. V. Bowman. 2,555,313, June 5.
Die preparation. W. A. Maracz. 2,574,793, Nov. 13.
Die retaining means. F. S. Speicher. 2,545,711, Mar. 20.
Die set. K. C. Kerseg. 2,539,085, Jan. 23.
Die set for punch presses. G. Scott. 2,545,560, Mar. 20.
Diestock and making same. C. F. Story. 2,550,730, May 1.
Diestock for use in threading tubes, bars, and like work. A. Trevena. 2,556,015, June 5.
Dies for manufacturing posterior teeth, Making. S. C. Fournet. 2,539,773, Jan. 30.
Dielectric composition of halogenated aromatic compound and aluminum isopropylate as a corrosion inhibitor. E. E. Hardy and R. J. Slocombe. 2,566,195, Aug. 28.
Dielectric composition of halogenated aromatic hydrocarbon and organic antimony compound as a corrosion inhibitor. R. L. Jenkins. 2,566,208, Aug. 28.
Dielectric constant measurement. C. H. Fay. 2,577,612, Dec. 4.
Dielectric heating, High-frequency. J. V. Bertrand and G. S. Shaw. 2,569,919, Oct. 2.
Dielectric heating in a waveguide, Uniform. G. S. Shaw. 2,537,193, Jan. 9.
Dielectric heating, Progressive. T. P. Kinn. 2,546,004, Mar. 20.
Dielectric sheets. Producing. W. J. Lies. 2,539,446, Jan. 30.
Dielectric test apparatus. A. A. Boehm, Jr. 2,567,921, Sept. 18.
Dielectric wave guide closure. C. A. Rosencrans. 2,577,158, Dec. 4.
Dielectric with N,N'-1-3 dimorpholino isopropanol as scavenger. E. F. Jackson. 2,572,808, Oct. 23.
Diene copolymers, Making conjugated. H. F. Park. 2,569,688, Oct. 2.
Dienophilic addition products of ketals of cyclic chlorocarbon ketones. E. T. McBee and J. S. Newcomer. 2,552,567, May 15.
Diesel fuel. R. S. George. 2,580,015, Dec. 25.
Diesel fuel. R. Sugimoto. 2,560,904, July 17.
Diesel starting fluid. H. D. Young. 2,575,543, Nov. 20.
Di-esters of aryl-substituted glycols and their preparation. D. D. Coffman and E. L. Jenner. 2,555,918, June 5.
Diesters of succinic acid, Production of. W. D. Jones. 2,548,025, Apr. 10.
Diesters of unsaturated dihydric alcohols and preparation of the same. C. W. Smith and D. G. Norton. 2,575,896, Nov. 20.
Diethylaminoethyl alkoxybenzilates. E. R. Bockstahler. 2,570,181, Oct. 9.
Diethyl-chlorobenzamide. H. Martin, A. Margot, O. Neracher, W. Schindler, and E. Hodel. 2,551,891, May 8.
Diethyl octyl phosphate. G. M. Kosolapoff. 2,552,325, May 8.
Diethylene glycol bis (S-phenyl thiocarbonate). W. R. Dial. 2,537,518, Jan. 9.
Diethylenetrimelamine and preparing the same. J. R. Dudley. 2,544,071, Mar. 6.
Differential. V. E. Gleasman. 2,559,916, July 10.
Differential. P. S. Morgan. 2,569,533, Oct. 2.
Differential actuating mechanism for calculating machines. R. Gourdon. 2,568,616, Sept. 18.
Differential actuator. B. Knauer. 2,552,182, May 8.
Differential control circuit. B. M. Oliver. 2,541,276, Feb. 13.
Differential drive for flour mill roll stands and the like. K. McClelland. 2,549,501, Apr. 17.
Differential drive rotary fluid coupling. J. Novak. 2,536,564, Jan. 2.
Differential drive turbine type fluid coupling. Z. and D. Yancho. 2,549,557, Apr. 17.
Differential electronic amplifier. J. E. Williams. 2,579,528, Dec. 28.
Differential for automobiles. A. C. Abelt. 2,550,750, May 1.
Differential for multiple-drive vehicles. W. M. Brown. 2,558,417, June 26.
Differential gearing. F. F. Miller, Jr. 2,569,015, Sept. 25.
Differential grid blocking system for electronic frequency changers. A. J. Hansen. 2,548,474, Apr. 10.
Differential mechanism. W. C. Brubaker. 2,545,601, Mar. 20.
Differential mechanism. M. J. Drachman. 2,571,427, Oct. 16.
Differential mechanism. F. M. Lewis. 2,555,044, May 29.
Differential mechanism. G. Slider. 2,578,155, Dec. 11.
Differential pressure closed safety valve. D. L. Jerman. 2,569,316, Sept. 25.
Differential pressure controlled switch. J. G. Mejean. 2,537,474, Jan. 9.
Differential pressure distilling apparatus and method. A. W. Goldsbarry and M. M. Tomaszewski. 2,578,469, Dec. 11.
Differential pressure gauge. W. J. Hughes. 2,561,700, July 24.
Differential protective arrangement. H. T. Seeley. 2,548,625, Apr. 10.
Differential protective system. R. E. Lloyd. 2,574,403, Nov. 6.
Differential relay sensitivity adjuster. C. L. Headley. 2,579,042, Dec. 18.
Differential spool drive. J. J. Fischer and D. W. Hadley. 2,542,917, Feb. 20.
Differential spring balance tab. H. O. Wendt. 2,577,439, Dec. 4.
Differential temperature control switch. H. S. Burling. 2,549,054, Apr. 17.
Differential thermostatic device. B. J. Allen. 2,565,713, Aug. 28.
Differential transmission. J. F. Clancy. 2,564,393, Aug. 14.
Differential transmission gearing. R. J. W. Cousins. 2,566,601, Sept. 4.
Differential type setting means. F. Gantner, J. J. Klosterman, and J. B. Geers. 2,540,198, Feb. 6.
Differentially operable accumulating mechanism. E. R. Lawson. 2,558,967, July 3.
Diffuser, Controlled power operated. F. S. Abbott. 2,558,329, June 26.
Diffuser, Sound wave. L. M. Stark. 2,541,946, Feb. 13.
Diffuser tube. C. H. Nordell. 2,555,201, May 29.
Diffuser with a detachable deflector member. H. Daninhirsch. 2,558,421, June 26.
Diffusion apparatus. W. V. Morton. 2,548,996, Apr. 17.
Digesting garbage and sewage sludge, Method and apparatus for. H. E. Schlenz. 2,572,767, Oct .23.
Digesting lignocellulose with a rosin soap. G. S. Willey. 2,538,742, Jan. 16.
Digger and cleaner, Potato. T. F. Prather. 2,554,753, May 29.
Digger and separator, Tuber. G. Innes. 2,559,965, July 10.
Digger, Coal. E. Stephenson. 2,564,038, Aug. 14.
Digger having vine cutter, Potato. A. E. Young. 2,547,355, Apr. 3.
Digger, Peanut. L. T. and G. N. Lilley. 2,563,177, Aug. 7.
Digger, Portable posthole. V. O. Gibbens. 2,565,224, Aug. 21.
Digger, Potato. A. E. Young. 2,544,744, Mar. 13.
Digger, Transplanting. W. B. Johnson. 2,549,476, Apr. 17.
Digging machine. G. E. Russell. 2,577,271, Dec. 4.
Digging machine, Ditch. E. D. Ekenstam. 2,549,183, Apr. 17.
Digging machine, Ditch. R. E. Weaver. 2,544,815, Mar. 13.
Digit guard. V. L. Kelly. 2,573,715, Nov. 6.
Digit indicator. L. P. Crosman and W. H. Henrich. 2,563,102, Aug. 7.
Digital servo. E. Seid and L. L. Kilpatrick. 2,537,427, Jan. 9.
Dihalo-4-(aliphatic tertiaryaminoalkylamino) quinolines. A. R. Surrey. 2,555,943, June 5.

Dihydrocodeinone, Manufacture of. M. M. Baizer and R. P. Williams. 2,577,947, Dec. 11.
Dihydrocoumarins, Preparation of. C. L. Levesque. 2,542,965, Feb. 20.
Dihydroisocodeine, Manufacture of. M. M. Baizer. 2,577,948, Dec. 11.
Dihydropteroylglutamic acid and preparing the same. B. L. O'Dell. 2,545,305, Mar. 13.
Dihydrostreptomycin-B base and salts thereof and method of obtaining same, Substantially pure. J. Fried, E. O. Titus, and J. A. Shannon. 2,565,653, Aug. 28.
Dihydroxypropyl theophylline. J. W. Jones and P. V. Maney. 2,575,344, Nov. 20.
Dilatable sealing elements. G. R. Lucas and R. C. Bryan. 2,565,317, Aug. 21.
Dilatometer. J. W. Peckham. 2,559,789, July 10.
Dilatometer, Electronic. R. I. Swanson and W. K. Smith. 2,546,796, Mar. 27.
Dilator, Inflatable. L. Greenburg. 2,548,602, Apr. 10.
Diluting rosin size, Method and apparatus for. E. A. Howell. 2,573,024, Oct. 30.
Dilution of liquid concentrates. C. S. Dailey. 2,571,424, Oct. 16.
Dimension duplicating attachment with indicating means. A. A. Gentzhorn. 2,576,590, Nov. 27.
Dimerization of butadiene. E. E. Stahly. 2,544,808, Mar. 13.
Dimerization of methacrylonitrile to alpha-methylene-delta-methyladiponitrile. M. J. Hogsed. 2,566,203, Aug. 28.
Dimerization of vinylcyclohexene. F. J. Bondhus and H. L. Johnson. 2,543,092, Feb. 27.
Dimethyl silicone gums, Preparation of. J. Marsden. 2,546,036, Mar. 20.
Dimethylstyrene polymers and producing same. M. G. Sturrock and T. Lawe. 2,555,298, May 29.
Diminishing background noise. A. Laffon y Soto and E. de Selgas y Marin. 2,547,271, Apr. 3.
Dimpling tool. A. R. Koerbacher and H. M. Jager. 2,565,692, Aug. 28.
Di-n-alkoxy substituted piperazine derivatives and preparing same. J. D. Malkemus and J. Ross. 2,541,260, Feb. 13.
Dinitronaphthenes. R. W. Long. 2,551,027. May 1.
Di-(N-methane sulfonates) of diarylalkylene-diamines and their use for inhibiting acid-fading. D. E. Kvalnes and C. W. Croco. 2,541,822. Feb. 13.
Dinnerware making machine, Automatic. A. C. Mueller and C. E. Adams. 2,557,884, June 19.
Diode counter circuit. A. S. Harris. 2,541,052, Feb. 13.
Diolefin-aconitate copolymers and making same. R. F. Boyer and L. C. Rubens. 2,557,903, June 19.
Diolefin-nitrile copolymers containing less than twenty-five per cent nitrile, Preparing. H. J. Rose and B. M. Vanderbilt. 2,554,268, May 22.
Diolefin-nitrile copolymer plasticized with hydrocarbon polymer. A. M. Gessler. 2,545,516, Mar. 20.
Dioxy substituted 2-aminoindanols. R. V. Heinzelmann. 2,549,685, Apr. 17.
Diphenol compound for coccidiosis control. J. E. Johnson, Jr., and D. R. Mussell. 2,542,688, Feb. 20.
Diphenylamine 2-mono-carboxylic acids and the production thereof, Substituted. A. A. Goldberg. 2,553,914, May 22.
Diphenyl oxide sulfonic acid sulfides, Substituted. C. F. Prutton. 2,555,371, June 5.
Diphenylthiophene from styrene. L. R. Drake. 2,538,722, Jan. 16.
Dipper for power shovels and the door mounting means therefor. P. V. Larsen. 2,561,518, July 24.
Dipper, Ice cream. R. T. McCrum. 2,547,651, Apr. 3.
Dipyridinium compound. M. De Groote and B. Keiser. 2,576,002, Nov. 20.
Direct arithmetical reading of target angle values. S. Kass and J. G. Sperling. 2,567,942, Sept. 18.
Direct-current electrolytic condenser. J. B. Brennan. 2,551,869, May 8.
Direct-current transfer system. K. R. Wendt and H. R. Hegbar. 2,543,428, Feb. 27.
Direct-current generator. D. B. Hoover. 2,579,579, Dec. 25.
Direct-current generator. V. Klíma. 2,547,582, Apr. 3.
Direct current level changer for direct coupled amplifiers. R. A. Minzner. 2,554,469, May 22.
Direct-current power system. J. M. Pestarini. 2,575,637. Nov. 20.
Direct-current restoring apparatus. V. J. Duke and A. L. Hammerschmidt. 2,569,297, Sept. 25.
Direct oxidation of aldehydes and alcohol to acid. D. C. Hull. 2,578,306, Dec. 11.
Direct positive emulsion containing desensitizing dye. W. B. Kendall and G. D. Hill. 2,541,472, Feb. 13.
Direct positive photographs from hydrazine-containing developers. C. E. Ives. 2,563,785, Aug. 7.
Direct production of refined aluminum. A. Glazunov. 2,552,423, May 8.
Directed beam light unit. F. W. Schwinn. 2,579,018, Dec. 18.
Directing and automatically controlling aircraft. W. R. Winslow. 2,552,359, May 8.
Direction and ranging device, Pulse-echo. L. B. Lipson and A. W. Petchaft. 2,556,201, June 12.
Direction finder. J. E. Browder. 2,544,653, Mar. 13.
Direction finder. M. K. Goldstein. 2,544,669, Mar. 13.
Direction finder. B. Hoffmann and M. Semel. 2,543,021, Feb. 27.
Direction finder circuit. A. G. Everhart. 2,551,589, May 8.
Direction finder, Radio. J. D. Brailsford and E. B. Vass. 2,568,538, Sept. 18.
Direction finder system. H. G. Busignies. 2,546,970, Apr. 3.
Direction-finder system. C. A. Mizen. 2,571,051, Oct. 9.
Direction finding apparatus. D. D. Foster. 2,563,998, Aug. 14.
Direction finding device. M. Ercolino. 2,576,929, Dec. 4.
Direction finding system. L. G. Fischer. 2,539,413, Jan. 30.
Direction finding system. L. L. Libby and E. Cole. 2,547,028, Apr. 3.
Direction finding system. A. G. Richardson. 2,559,663, July 10.
Direction inclination indicator. F. H. Hagner. 2,557,654, June 19.
Direction indicating light. A. B. Ogden. 2,573,926, Nov. 6.
Directional and overcurrent electrical relay. R. C. Bergvall and E. L. Harder. 2,561,967, July 24.
Directional and trim control for rotary wing aircraft. G. S. Doman. 2,550,538, Apr. 24.
Directional circuit protector. C. E. Gagnier and J. Maxian, Jr. 2,557,424, June 19.
Directional coupler. J. T. Bangert and S. Rosen. 2,541,910, Feb. 13.
Directional drilling of deviated bore-holes. G. L. Young. 2,565,794, Aug. 28.
Directional indicator. P. M. Erlandson. 2,543,769, Mar. 6.
Directional lamp switch. J. R. Hollins. 2,562,273, July 31.
Directional signal. J. T. Dooley. 2,561,267, July 17.
Directly fired waste-heat boiler. A. P. J. H. Huet. 2,552,044, May 8
Director and pointer for Röntgen machines and the like, F. H. Puls. 2,551,703, May 8.
Dirigible spot lamp. H. R. Gross. 2,540.257, Feb. 6.
Dirt eliminator for potato sorting machines. B. C. Baldwin. 2,546,713, Mar. 27.
Dirt moving and throwing machine. J. S. Tanner. 2,541,557, Feb. 13.
Dirt scraping apparatus. G. E. Daniels. 2,577,877, Dec. 11.
Disappearing image in bottle. J. Kremer. 2,580,305, Dec. 25.
Disazo dyestuff. F. Straub, J. Brassel, and P. Pieth. 2,557,057, June 12.
Disazo dyestuffs. P. Hindermann. 2,547,912, Apr. 3.
Disazo-dyestuffs containing copper in complex union, Manufacture of. J. A. Schedler and R. Whalley. 2,553,011, May 15.
Discharge assembly for centrifugal separators. J. E. Cook. 2,574,531, Nov. 13.
Discharge control for corn picker elevators. C. Sterler. 2,563,432, Aug. 7.
Discharge control valve mechanism for water nozzles. R. A. Gilmour. 2,536,167, Jan. 2.
Discharge conveyer mechanism for articles. E. Hoffman. 2,571,135, Oct. 16.
Discharge conveyer mechanism for articles. R. E. J. Nordquist and F. F. Borkmann. 2,558,774, July 3.
Discharge device. W. W. Voss. 2,550,100, Apr. 24.
Discharge device, Electronic. E. Eastwood, J. M. Ferguson, and K. W. Brown. 2,577,314, Dec. 4.
Discharge device for fluids. C. W. Frese. 2,566,324, Sept. 4.
Discharge device for high-frequency oscillations, Electric. A. M. Skellett. 2,567,406, Sept. 11.
Discharge device, Magnetic field controlled gas filled. J. G. W. Mulder, T. Jurriaanse, and F. M. Penning. 2,543,702, Feb. 27.
Discharge device, Multiswitching gaseous. W. A. Depp. 2,549,064, Apr. 17.
Discharge for liquids from a vehicle. W. E. Bakewell. 2,543,564, Feb. 27.
Discharge head and grip for portable fire extinguishers. G. Sipkin. 2,564,733, Aug. 21.
Discharge head for fire extinguishers. S. E. Allen. 2,558,409, June 26.
Discharge means for cookers. R. T. Anderson. 2,554,082, May 22.
Discharge mechanism for driers, Rotary. J. Gollbach and R. F. Marken. 2,552,093, May 8.
Discharger for rockets, flares, and the like. C. D., A. J., and C. Schermuly. 2,553,477, May 15.
Discharging apparatus, Furnace. C. O. Haase. 2,567,707, Sept. 11.
Discharging fire extinguishing media. C. W. Frese and T. P. Scott. 2,545,951, Mar. 20.
Discharging fluid pressure media. M. K. Newman. 2,569,489. Oct. 2.
Discharging melamine. J. S. Mackay. 2,566,229, Aug. 28.
Discharging static electricity, Method and apparatus for. R. Gunn. 2,578,697, Dec. 18.
Disconnect device. N. B. Murphy. 2,570,585, Oct. 9.
Disconnect lug. M. D. Bergan. 2,555,074, May 29.
Disconnector, Electrical. J. R. McFarlin. 2,559,024, July 3.

Discriminator circuit. A. P. Adamson. 2,579,286, Dec. 18.
Discriminator circuit. C. H. Hoeppner. 2,570,236, Oct. 9.
Discriminator circuit. E. H. Krause and C. H. Hoeppner. 2,568,750, Sept. 25.
Discriminator for frequency-modulated centimetric and decimetric waves. M. Denis. 2,543,621, Feb. 27.
Dish and blank therefor, Conical paper. W. E. Amberg. 2,552,474, May 8.
Dish and holder therefor, Paper. W. E. Amberg. 2,543,619, Feb. 27.
Dish, Child's. H. Pokras. 2,561,594, July 24.
Dish, Child's hot food. L. W. Hatfield. 2,545,733, Mar. 20.
Dish, Combination. E. C. Erro. 2,549,440, Apr. 17.
Dish conveying machine. J. W. Carl. 2,541,403, Feb. 13.
Dish cover. J. Seidman. 2,561,889, July 24.
Dish, Covered. R. E. Boden. 2,561,902, July 24.
Dish holder. A. Ruben. 2,578,646, Dec. 11.
Dish holder. B. A. Selten and E. Slater. 2,563,694, Aug. 7.
Dish holder. N. Sharaf. 2,544,053, Mar. 6.
Dish, Infant's anchored. J. M. Donofrio. 2,542,400, Feb. 20.
Dish, Paper sundae. W. P. Margulies. 2,552,051, May 8.
Dish, Soap. E. J. Fregan. 2,564,476, Aug. 14.
Dish, Soap. V. G. Padgett. 2,539,967, Jan. 30.
Dish, Soap. H. H. Semrow. 2,575,843, Nov. 20.
Dishwasher tub and spray nozzle construction. R. W. Franklin. 2,563,109, Aug. 7.
Dishwashing and clotheswashing machine, Convertible. A. H. Gerhardt and A. P. Schulz. 2,571,438, Oct. 16.
Dishwashing apparatus. E. J. and T. E. Culligan. 2,548,100, Apr. 10.
Dishwashing apparatus. J. G. Idle. 2,572,935, Oct. 30.
Dishwashing apparatus having detergent dispensing means. J. G. Idle. 2,552,852, May 15.
Dishwashing apparatus having impeller-operated means for controlling water supply. E. K. Clark. 2,562,772, July 31.
Dishwashing apparatus impeller. G. H. Wotring. 2,544,374, Mar. 6.
Dishwashing machine. J. L. Jones. 2,539,432, Jan. 30.
Dishwashing machine. O. D. Kueneman. 2,573,794, Nov. 6.
Dishwashing machine. G. R. Porter. 2,574,058, Nov. 6.
Dishwashing machine. S. C. G. Sandberg. 2,573,067, Oct. 30.
Dishwashing machine. J. Stanitz and L. Schlobohm. 2,543,993, Mar. 6.
Dishwashing machine and plural liquid spray means therefor. F. T. Hilliker. 2,575,493, Nov. 20.
Dish-washing machine control unit. J. La Raus and D. W. Wollin. 2,551,379, May 1.
Dishwashing machine feeder. H. Borgerding. 2,550,523, Apr. 24.
Dish washing machine with impeller coaxial with jet actuated rotary basket. A. Weisselberg. 2,562,076, July 24.
Disher, Ice-cream. B. F. Lawrence and E. E. Lawrence. 2,571,729, Oct. 16.
Disher, Ice-cream. S. J. Poplawski. 2,568,300, Sept. 18.
Disila organo compounds. M. Sveda. 2,561,429, July 24.
Disinfectant composition containing a corrosion inhibitor. S. C. Johansson. 2,575,713, Nov. 20.
Disinfectants and using the same, Aerial. C. I. Jarowski. 2,546,895, Mar. 27.
Disintegrating link or articulated cartridge belt for machine guns and the like. G. F. and R. French and S. Warburton. 2,562,709, July 31.
Disk and nipple holder for nursing units, Combination sealing. H. J. Searer. 2,546,681, Mar. 27.
Disk bearing. A. V. Raught. 2,557,562, June 19.
Disk brake. E. F. Loweke. 2,559,885, July 10.
Disk brake. J. C. McCune. 2,561,445, July 24.
Disk brake and actuator means therefor, Hydraulic. O. A. Kershner. 2,575,963, Nov. 20.
Disk brake and automatic adjusting means therefor. J. W. Tiscornia, M. B. Lucker, D. Parrett, O. A. Kershner, and C. R. Myers. 2,563,759, Aug. 7.
Disk brake for the landing wheels of aircraft, Fluid pressure operated. H. J. Butler. 2,541,031, Feb. 13.
Disk brake with automatic wear compensation, Fluid pressure operated. H. J. Butler. 2,541,032, Feb. 13.
Disk brush, Rotary. C. N. Smith, Jr. 2,539,211, Jan. 23.
Disk, Buoyant. H. Pfleumer. 2,540,831, Feb. 6.
Disk dispenser. A. I. Negus, Jr. 2,545,042, Mar. 13.
Disk drive with pressure distributing idlers, Friction. F. J. Tippen. 2,537,559, Jan. 9.
Disk for double twist spindles, Yarn take-up. J. K. Cochran. 2,560,848, July 17.
Disk for phonograph records, Plastic centering. R. J. Durbrow. 2,536,922, Jan. 2.
Disk game device, Rotating. A. C. Benton and J. F. Schmidt, Jr. 2,545,644, Mar. 20.
Disk game device, Rotating. E. F. Wright. 2,548,837, Apr. 10.
Disk, Grinding. H. L. Bossert. 2,537,570, Jan. 9.
Disk harrow. J. L. Bowman. 2,552,307, May 8.
Disk harrow, Offset. W. R. McKay. 2,568,082, Sept. 18.
Disk harrow, Tractor drawn. A. E. Rutter. 2,538,594, Jan. 16.
Disk hub and bearing assembly. D. E. Lewis. 2,560,965, July 17.
Disk perforator for pipes in wells. J. L. Johnston. 2,565,731, Aug. 28.
Disk, Phonographic record. A. Lissiansky. 2,565,035, Aug. 21.
Disk plow. E. A. Davis. 2,577,952, Dec. 11.
Disk plow for tractors, Reversible. G. R. Onfrey. 2,578,942, Dec. 18.
Disk plow, Hydraulic reversible. G. R. Onfrey. 2,561,032, July 17.
Disk plow wheel. O. W. Oerman. 2,536,459, Jan. 2.
Disk polishing machine. C. C. Cratsenberg. 2,572,114, Oct. 23.
Disk record feed mechanism. E. Schweitzer. 2,549,246, Apr. 17.
Disk roller bearing. J. W. Foley. 2,537,578, Jan. 9.
Disk, Sanding. F. S. Mitchell. 2,556,434, June 12.
Disk, Scraping. B. Korbel. 2,546,546, Mar. 27.
Disk sharpener. J. W. Wilson. 2,567,793, Sept. 11.
Disk tiller. H. M. Johnston. 2,554,741, May 29.
Disk tiller. W. H. Silver and J. I. Cantral. 2,562,747, July 31.
Disk tiller, Rotary. E. P. Curry. 2,547,444, Apr. 3.
Disk unit for tilling implements. N. W. and J. C. Dockery. 2,556,492, June 12.
Disk with ejector brush, Seed feeding. R. Dougherty. 2,566,406, Sept. 4.
Disk with tapered prongs for attachment to telephone transmitters, Antiseptic. G. de Cordré. 2,551,247, May 1.
Disodium-N,N'-dimethyl-p-phenylenediaminomethane sulfonate and preparation. T. S. Donovan. 2,578,292, Dec. 11.
Dispenser: *See*—
- Adhesive tape dispenser.
- Aerosol insecticide dispenser.
- Article dispenser.
- Bait dispenser.
- Brush actuated tooth powder dispenser.
- Canned liquid dispenser.
- Carton dispenser.
- Cartridge dispenser.
- Catchup dispenser.
- Cigarette dispenser.
- Compressible bulb operated liquid dispenser.
- Crushed ice dispenser.
- Cup dispenser.
- Custard dispenser.
- Deodorant and antiseptic dispenser.
- Disk dispenser.
- Envelope dispenser.
- Filter pad dispenser.
- Glue dispenser.
- Grasshopper dispenser.
- Hairpin dispenser.
- Hot chocolate dispenser.
- Hot coffee dispenser.
- Impeller and detergent dispenser.
- Iron powder dispenser.
- Liquid dispenser.
- Lubricant dispenser.
- Metering tape dispenser.
- Multivent container dispenser.
- Napkin dispenser.
- Narcotic dispenser.
- Nose drop dispenser.
- Odorant dispenser.
- Paper and deodorant dispenser.
- Paper dispenser.
- Portable cold beer dispenser.
- Postage stamp dispenser.
- Pressure sensitive tape dispenser.
- Pump dispenser.
- Razor blade dispenser.
- Resilient bulb controlled liquid - measuring dispenser.
- Sand dispenser.
- Selective beverage dispenser.
- Soap dispenser.
- Soap solution dispenser.
- Spherical rotary conveyer type trap chamber dispenser.
- Spray-roller dispenser.
- Sugar dispenser.
- Talcum powder dispenser.
- Tangleproof twin dispenser.
- Tape dispenser.
- Ticket holder and receipt dispenser.
- Tobacco dispenser.
- Toilet bowl deodorant dispenser.
- Toilet paper dispenser.
- Tooth paste dispenser.
- Vapor dispenser.
- Wire dispenser.

Dispenser. G. E. Bedinger. 2,564,518, Aug. 14.
Dispenser. E. Raymond. 2,556,599, June 12.
Dispenser. A. J. Stanley and J. S. Nicholls, Jr. 2,545,500, Mar. 20.
Dispenser. T. P. Walsh. 2,567,089, Sept. 4.
Dispenser adapted to deliver individual sheets from a perforated and rolled web. J. B. Engel. 2,550,790, May 1.
Dispenser allowing selective discharge therefrom by orientation, Combination. C. K. Barton, Jr., and F. Tamaro. 2,570,089, Oct. 2.
Dispenser and anchor, Measuring tape. W. B. Winston. 2,544,908, Mar. 13.
Dispenser and applicator, Adhesive label and tape. R. S. Avery. 2,569,140, Sept. 25.
Dispenser and applicator with ratchet operated force feed mechanism, Rouge. W. E. Thacker and H. Spevack. 2,541,949, Feb. 13.
Dispenser and deodorizer, Combination. H. J. Cohn. 2,539,059, Jan. 23.
Dispenser and holder, Hair pin. A. R. Jackson. 2,551,884, May 8.
Dispenser and lighter, Cigarette. E. Morgan. 2,565,183, Aug. 21.
Dispenser and lighter, Cigarette. P. J. Zanardo. 2,545,936, Mar. 20.
Dispenser and mixer, Combination liquid. W. J. Farquharson. 2,556,494, June 12.
Dispenser and refilling means, Bobby pin. P. A. Avelli. 2,539,684, Jan. 30.
Dispenser and spreader, Bobby-pin. L. O. Peguero. 2,571,481, Oct. 16.

Dispenser and strainer, Sugar. E. Patoe. 2,545,240, Mar. 13.
Dispenser and support bracket therefor. F. C. Gluck. 2,537,050, Jan. 9.
Dispenser and system for using same, Recording. W. A. Crews. 2,554,296, May 22.
Dispenser attachable to neck of liquid container, having a valve and a register with a common actuator. L. Baldini and J. Rossi. 2,541,188, Feb. 13.
Dispenser attachable to the neck of a container having a handle integral therewith, a reciprocable closure for the outlet and an actuator for said closure adjacent said handle. C. P. Brown. 2,554,293, May 22.
Dispenser closure, Milk can. T. Lewis. 2,574,338, Nov. 6.
Dispenser closure, Pressureproof. R. B. Waite. 2,574,991, Nov. 13.
Dispenser comprising a valve, rod, and plunger, to force trapped contents to open the valve, Bottle contents. A. L. Lanahan. 2,563,251, Aug. 7.
Dispenser comprising interlocking figurines, Condiment. R. V. Bendel. 2,560,755, July 17.
Dispenser for athletic teams, with means for storing new and used cups, Portable sanitary water. R. E. Stevens. 2,570,283, Oct. 9.
Dispenser for bulk vendors, Coin controlled. T. B. Snowfield. 2,565,275, Aug. 21.
Dispenser for carbonated beverages, Liquid. C. C. Bauerlein and G. C. Michalsen. 2,537,119, Jan. 9.
Dispenser for cigarettes and the like. L. E. Thomas and L. Bell. 2,560,907, July 17.
Dispenser for collapsible tubes. H. A. Ditmanson. 2,567,767, Sept. 11.
Dispenser for collapsible tubes. R. L. Soileau. 2,551,909, May 8.
Dispenser for deodorants. F. L. Tomaschke. 2,538,989, Jan. 23.
Dispenser for effervescent liquids, Foam controlling. T. A. Hutsell. 2,568,632, Sept. 18.
Dispenser for either a measured or an unmeasured quantity of granular material. R. R. Lowry. 2,579,388, Dec. 18.
Dispenser for flanged caps. W. E. and S. W. Amberg. 2,539,652, Jan. 30.
Dispenser for garbage cans, Liquid. T. A. Drinkhaus. 2,571,428, Oct. 16.
Dispenser for hygroscopic materials. R. W. Waring. 2,568,526, Sept. 18.
Dispenser for ice-cream cones and the like. G. G. Buttermann. 2,562,599, July 31.
Dispenser for napkins or similar articles. A. E. Cofrin and S. N. Hope. 2,547,856, Apr. 3.
Dispenser for poultry, Water. R. S. Kofford. 2,541,369, Feb. 13.
Dispenser for powdered materials. H. Hoffman. 2,551,676, May 8.
Dispenser for powdered or granular materials with a threadedly engaging reversible cover. H. C. Law. 2,563,946, Aug. 14.
Dispenser for pressure-sensitive adhesive tape. D. R. Clemons. 2,551,363, May 1.
Dispenser for pressure sensitive tapes. T. H. Krueger. 2,566,733, Sept. 4.
Dispenser for pressurized whipped cream. P. J. Nilsen. 2,580,188, Dec. 25.
Dispenser for sheet material. C. G. Anderson. 2,541,144, Feb. 13.
Dispenser for small containers, Oscillatory metering chamber. R. M. Strachan. 2,539,283, Jan. 23.
Dispenser for stone-cutting saws, Abrasive. J. E. Couture. 2,537,445, Jan. 9.
Dispenser for straws and the like. N. Donald. 2,551,424, May 1.
Dispenser for the contents of collapsible tubes. J. H. Shaw. 2,554,217, May 22.
Dispenser for tissues and the like. L. Clark. 2,537,741, Jan. 9.
Dispenser for toilet paper. H. H. Harris. 2,546,597, Mar. 27.
Dispenser for viscous substance, with an axially movable piston and a manually operated actuator for said piston. J. W. Cripe. 2,557,374, June 19.
Dispenser having a coin reject mechanism controlled by carbon dioxide pressure, Beverage. E. S. Wegman. 2,546,879, Mar. 27.
Dispenser having a resilient wall diaphragm flow controller, actuated by a reciprocating dispensing nozzle. J. H. Schlesinger. 2,557,917, June 19.
Dispenser having a resiliently depressable plunger for controlling the rate of flow, Condiment. H. H. Bashore. 2,570,422, Oct. 9.
Dispenser having a rotary bottom discharge valve, Elevated ingredient. M. M. Venters. 2,556,782, June 12.
Dispenser having an apertured base through which a brush operated means is accessible, Wall supported rotatably mounted. B. Wandel. 2,555,100, May 29.
Dispenser having resilient walls, Measuring liquid. L. M. Harvey. 2,554,570, May 29.
Dispenser in which two pivotally mounted members compress a collapsible tube between them, Paste. J. W. Abbott. 2,537,008, Jan. 9.
Dispenser of powdered materials, Selective. P. F. Siewenie. 2,552,349, May 8.
Dispenser unit. T. B. Chace and J. A. Reinhardt. 2,575,489, Nov. 20.
Dispenser with a resilient wall pump, Liquid. L. W. Krall. 2,562,317, July 31.
Dispenser with control setting indicator, Beverage. P. H. Thompson. 2,566,588, Sept. 4.
Dispenser with discharge openings through the upper rim of a container and covered by a lid portion, Condiment. H. M. Von Duyke. 2,566,004, Aug. 28.
Dispenser with interconnected control cap, Tooth paste and shave cream. C. W. Kramer. 2,549,488, Apr. 17.
Dispenser with means for jarring the grease from the container to the pump chamber, Grease. H. H. Chinchole. 2,555,532, June 5.
Dispenser with means normally locking said dispenser and coin-actuated means preventing operation of said locking means, Liquid. E. H. Thompson. 2,572,540, Oct. 23.
Dispenser with means to vary a measured discharge, Liquid. A. U. Bryant. 2,576,747, Nov. 27.
Dispenser with pivoted ejector, Seed. J. A. Schwabenlender. 2,572,060, Oct. 23.
Dispenser with quantity regulator, Milk. W. Tamminga. 2,567,683, Sept. 11.
Dispenser with screw actuated follower. R. V. Coleman. 2,540,511, Feb. 6.
Dispenser with storage receiver, Toilet tissue. R. C. Lucan. 2,564,539, Aug. 14.
Dispensing and disposing tissue container. A. W. Rosenman and R. F. Greiser. 2,579,758, Dec. 25.
Dispensing and measuring device for granular materials. J. W. Hammer. 2,561,696, July 24.
Dispensing apparatus. R. A. Delor. 2,558,043, June 26.
Dispensing apparatus, Automatic beverage. R. A. Nicholson. 2,571,283, Oct. 16.
Dispensing apparatus, Ball. F. Weinschenk. 2,539,216, Jan. 23.
Dispensing apparatus, Beverage. S. C. and J. Benjamin. 2,573,888, Nov. 6.
Dispensing apparatus, Beverage. F. H. Kirchner. 2,551,842, May 8.
Dispensing apparatus, Beverage. D. S. Reynolds, D. E. Hooker, and A. E. Voirol. 2,548,241, Apr. 10.
Dispensing apparatus, Coin-controlled liquid. R. E. Lillig. 2,564,015, Aug. 14.
Dispensing apparatus, Electrically controlled liquid. C. F. Prangley. 2,537,603, Jan. 9.
Dispensing apparatus, Fluid. D. S. Willson. 2,537,869, Jan. 9.
Dispensing apparatus for carbonated beverages. E. S. Wegman and B. G. Copping. 2,547,423, Apr. 3.
Dispensing apparatus for concrete mixers, Fluid. R. A. Lonier. 2,557,386, June 19.
Dispensing apparatus for liquid fuels and air. R. H. Damon. 2,552,886, May 15.
Dispensing apparatus, Hairpin. E. P. Hughes. 2,571,450, Oct. 16.
Dispensing apparatus having directive indicators, Coin or check controlled liquid. R. E. Parks. 2,565,084, Aug. 21.
Dispensing apparatus, Liquid. G. A. Hunter. 2,559,432, July 3.
Dispensing apparatus, Liquid. G. Petrucci. 2,545,303, Mar. 13.
Dispensing apparatus, Liquid. R. R. Trexler. 2,542,219, Feb. 20
Dispensing apparatus with plural compartments and a valved, flexible, retractable conduit for each compartment. O. D. Boenker. 2,536,835, Jan. 2.
Dispensing apparatus with recirculating means, Beverage. J. J. McDonald. 2,547,481, Apr. 3.
Dispensing apparatus, Writing fluid. F. Ferber. 2,577,572, Dec. 4.
Dispensing applicator for bobby pins. V. Cardella and I. Bontempi. 2,562,414, July 31.
Dispensing cabinet. M. Ladge. 2,561,517, July 24.
Dispensing cap for bottles and other containers. S. M. Kalfon. 2,562,617, July 31.
Dispensing cap for collapsible tubes, having spring-biased outlet element actuated by pressure of tube contents. L. J. Gardiner. 2,572,466, Oct. 23.
Dispensing cap with self-closing valve, having an agitator integral with the movable valve element. A. Sparacio. 2,559,522, July 3.
Dispensing closure. J. M. Wheaton. 2,551,203, May 1.
Dispensing closure, Adjustable. A. Limbach. 2,574,337, Nov. 6.
Dispensing closure for collapsible containers with delayed-action, self-closing valve. L. Goldberg. 2,559,070, July 3.
Dispensing closure for collapsible tubes. Snap-on. E. H. Paulsen. 2,542,350, Feb. 20.
Dispensing closure for powder container, having a wall depressible to effect pneumatic discharge of container contents. L. R. Kundtz and A. J. Frey, Jr. 2,549,977, Apr. 24.
Dispensing closure for sterile liquid containers. R. W. Barton. 2,568,108, Sept. 18.
Dispensing container. R. B. Cartwright. 2,540,321, Feb. 6.
Dispensing container. E. B. Duell and A. Breau. 2,559,287, July 3.
Dispensing container. G. H. Fuller. 2,564,359, Aug. 14.
Dispensing container. S. Goldstein. 2,576,595, Nov. 27.
Dispensing container. J. L. and G. Holt. 2,580,096, Dec. 25.

Dispensing container. W. M. Houldsworth. 2,557,290, June 19.
Dispensing container. T. R. Patterson. 2,537,545, Jan. 9.
Dispensing container. J. W. Petrie. 2,553,535, May 15.
Dispensing container. R. W. Ward. 2,569,963, Oct. 2.
Dispensing device. A. Hammerstein. 2,565,917, Aug. 28.
Dispensing device. H. S. Hawkins. 2,553,764, May 22.
Dispensing device. L. M. Kramer. 2,579,083, Dec. 18.
Dispensing device. R. E. Kruck. 2,563,943, Aug. 14.
Dispensing device. A. J. Mercier and D. C. Lawless. 2,555,984, June 5.
Dispensing device, Automatic drinking cup. H. F. Bremer and J. A. Gondolfo. 2,559,063, July 3.
Dispensing device, Butter, E. M. Mosier. 2,554,953, May 29.
Dispensing device, Carbonated beverage. N. L. Luster. 2,538,111, Jan. 16.
Dispensing device, Coin-controlled liquid. E. Hongell. 2,577,585, Dec. 4.
Dispensing device for adhesive tape rolls. V. F. Slezak. 2,560,394, July 10.
Dispensing device for attachment to containers, Disposable. A. Hartmann. 2,552,318, May 8.
Dispensing device for calking material and the like. W. A. Sherbondy. 2,561,825, July 24.
Dispensing device for calking material and the like. W. A. Sherbondy. 2,572,206, Oct. 23.
Dispensing device for carbonated beverages. R. T. Cornelius. 2,568,114, Sept. 18.
Dispensing device for cartons. D. W. Forsyth. 2,549,373, Apr. 17.
Dispensing device for collapsible tubes. A. Cadalzo. 2,548,587, Apr. 10.
Dispensing device for collapsible tubes, Content. D. D. Derrick. 2,550,537, Apr. 24.
Dispensing device for packaged articles. C. A. Olson. 2,569,572, Oct. 2.
Dispensing device for tooth powder. C. E. Poyer. 2,558,981, July 3.
Dispensing device for volatile products. J. Henchert. 2,574,036, Nov. 6.
Dispensing device, Glass particle. R. K. Ready. 2,546,702, Mar. 27.
Dispensing device, Glue. F. G. Pasotti. 2,540,008, Jan. 30.
Dispensing device having solenoid operated plunger and valve. A. J. Tacchella. 2,580,256, Dec. 25.
Dispensing device, Liquid. H. E. Rogers and G. D. Doerr. 2,562,212, July 31.
Dispensing device, Portable. A. Kassel. 2,558,181, June 26.
Dispensing device, Pressure. G. H. Wood and L. T. Ward. 2,546,808, Mar. 27.
Dispensing device, Pull-tape. F. A. Voos. 2,543,681, Feb. 27.
Dispensing device, Simulated. B. L. Henry. 2,577,849, Dec. 11.
Dispensing device with oscillating trap chamber, Beverage. G. L. Gardner and R. E. Boettcher. 2,567,282, Sept. 11.
Dispensing machine. S. Bergman. 2,560,327, July 10.
Dispensing machine. A. R. Curioni. 2,576,781, Nov. 27.
Dispensing machine. S. Frank. 2,575,803, Nov. 20.
Dispensing machine. L. J. Pulse. 2,545,588, Mar. 20.
Dispensing machine. J. E. Stewart. 2,541,787, Feb. 13.
Dispensing machine. C. Zunino. 2,577,394, Dec. 4.
Dispensing machine, Award. R. A. Leach. 2,569,382, Sept. 25.
Dispensing machine, Beverage. C. C. Waite. 2,566,436, Sept. 4.
Dispensing machine, Coin-controlled. J. V. Kelly. 2,562,795, July 31.
Dispensing machine, Cup. C. C. Waite and P. F. Bender. 2,542,067, Feb. 20.
Dispensing machine, Ice-cream. E. Nelson. 2,568,293, Sept. 18.
Dispensing machine, Mechanical butter. T. A. Tischler. 2,544,739, Mar. 13.
Dispensing machine, Motor-operated article. W. S. Tandler and D. S. Walker. 2,550,884, May 1.
Dispensing machine, Newspaper. J. E. Opgenorth. 2,576,636, Nov. 27.
Dispensing mechanism, Coin. O. B. Jenks. 2,551,493, May 1.
Dispensing mechanism, Cup. W. Von Stoeser. 2,559,690, July 10.
Dispensing mechanism for bulk material. W. J. Kilpatrick and L. F. Butler. 2,575,920, Nov. 20.
Dispensing mechanism, Tape. A. P. Krueger. 2,547,583, Apr. 3.
Dispensing nozzle with measuring chamber and counter, nonremovable attachment to a bottle neck, and valved dispensing and vent outlets for said chambers. M. L. Lesnick. 2,566,669, Sept. 4.
Dispensing package. R. H. Van Sant. 2,553,071, May 15.
Dispensing package for razor blades. R. A. Jolie. 2,574,568, Nov. 13.
Dispensing package of flexible articles of sheet material. H. G. Towne. 2,540,499, Feb. 6.
Dispensing roller device. E. A. Johnson. 2,572,034, Oct. 23.
Dispensing system, Fluid. D. D. Buttolph. 2,569,554, Oct. 2.
Dispensing system, Fluid medium. H. C. Grant, Jr. 2,563,837, Aug. 14.
Dispensing unit for therapeutic agents. W. A. Winsten. 2,562,402, July 31.
Dispensing unit for vending machine having a metering trap chamber rotative about a vertical axis. F. P. Emerson. 2,552,413, May 8.
Dispensing valve. A. Doschek. 2,559,116, July 3.
Dispensing valve. A. Segal. 2,566,860, Sept. 4.
Dispersing apparatus, Soil. A. M. Wintermyer. 2,564,745, Aug. 21.
Dispersing insecticides as vapors. J. M. Dinsdale, P. M. Holmes, and P. R. Martin. 2,557,814, June 19.
Dispersing insecticides or other pesticidal compounds as vapors. E. H. Wheelwright, J. M. Dinsdale, P. M. Holmes, and P. R. Martin. 2,557,815, June 19.
Dispersing pigments, Method and apparatus for. R. J. Brown. 2,560,082, July 10.
Dispersion of solids from destroyer stacks. N. E. Oglesby and F. R. Weaver. 2,536,076, Jan. 2.
Dispersions of bitumen and a rubber for use as adhesives. C. A. Lankau, R. E. Leeks, and C. L. Marino. 2,537,190, Jan. 9.
Dispersions of pigments in synthetic latices of rubberlike materials. R. E. Draman. 2,560,041, July 10.
Displacement pump. D. T. James and A. J. Rawson. 2,551,605, May 8.
Display and refrigerating unit, Combination beverage. M. Stern. 2,555,425, June 5.
Display apparatus. P. H. Egolf, Sr. 2,579,807, Dec. 25.
Display apparatus. E. Monserrat. 2,545,103, Mar. 13.
Display apparatus, Animated. H. B. Crane. 2,564,780, Aug. 21.
Display apparatus, Broad web projection. A. C. Giles. 2,551,797, May 8.
Display apparatus, Merchandise. M. Gluckman. 2,576,508, Nov. 27.
Display apparatus, Projection. F. H. Weller. 2,566,710, Sept. 4.
Display apparatus, Trouser leg. J. J. Owens. 2,543,298, Feb. 27.
Display arrangement. G. T. Baker. 2,556,640, June 12.
Display arrangement for aircraft-coordinating system. J. O. Mesa. 2,542,825, Feb. 20.
Display arrangement for electric oscillographs. C. W. Earp. 2,549,780, Apr. 24.
Display arrangement, Number. G. T. Baker. 2,552,761, May 15.
Display board. S. R. Wirth. 2,573,376, Oct. 30.
Display board. S. R. Wirth. 2,577,988, Dec. 11.
Display cabinet. J. E. Gauvreau. 2,545,575, Mar. 20.
Display cabinet. W. B. Lyon. 2,575,822, Nov. 20.
Display card exhibiting device for television broadcasting. R. J. Rockwell. 2,570,594, Oct. 9.
Display case. R. G. Annan. 2,547,244, Apr. 3.
Display case. L. E. Broce. 2,545,255, Mar. 13.
Display case. H. C., F. S., F. W., and C. L. Holderle. 2,564,806, Aug. 21.
Display case and removable container therefor. H. C., F. S., F. W., and C. L. Holderle. 2,564,807, Aug. 21.
Display container. M. Gluckman. 2,540,664, Feb. 6.
Display container forming rim and trim for stands, Collapsible. H. L. Moremen. 2,562,326, July 31.
Display counter. P. M. Ressinger. 2,563,747, Aug. 7.
Display device. R. B. and G. A. Bishop. 2,559,106, July 3.
Display device. L. H. Blythe. 2,549,658, Apr. 17.
Display device. N. Burr. 2,564,672, Aug. 21.
Display device. E. Fox. 2,563,329, Aug. 7.
Display device. F. S. Johnson. 2,555,135, May 29.
Display device. F. Kerwer. 2,557,383, June 19.
Display device. C. E. Klein. 2,575,452, Nov. 20.
Display device. P. S. Miller. 2,555,986, June 5.
Display device. J. R. Pollard. 2,541,281, Feb. 13.
Display device. E. F. Schuerman. 2,537,239, Jan. 9.
Display device. E. W. Smith. 2,541,303, Feb. 13.
Display device. H. E. Soref. 2,563,754, Aug. 7.
Display device. H. E. Soref and D. J. Foote. 2,565,440, Aug. 21.
Display device. B. J. Stephens and N. O. Lewis. 2,539,935, Jan. 30.
Display device, Advertising. A. M. Ryan. 2,548,070, Apr. 10.
Display device, Advertising. A. Weinberg. 2,579,889, Dec. 25.
Display device, Animated. J. P. Archey, Jr. 2,540,469, Feb. 6.
Display device for weighing apparatus. R. H. Wells and C. C. Hein. 2,566,711, Sept. 4.
Display device, Luminous. M. E. Sholkin. 2,548,126, Apr. 10.
Display device, Oscillating. F. A. Quick. 2,541,105, Mar. 6.
Display device, Watch band. R. Epstein. 2,549,369, Apr. 17.
Display device, Whirling. W. W. Welch, Jr. 2,561,083, July 17.
Display device with removably attached indicia. J. L. Hile. 2,554,408, May 22.
Display fixture. H. M. Schick. 2,540,353, Feb. 6.
Display figure, Motor actuated. A. A. and S. T. Schy. 2,559,201, July 3.
Display hatcher. W. A. Ketay. 2,566,453, Sept. 4.

Display holder. C. E. Chadwell. 2,554,559, May 29.
Display holder. W. G. Horton. 2,551,539, May 1.
Display machine, Revolving advertising. J. E. Wood. 2,555,070, May 29.
Display means, Cyclicly interchangeable. L. Gordon. 2,550,994, May 1.
Display of three-dimensional information. H. J. Schrader. 2,549,641, Apr. 17.
Display package. E. C. Mulnix. 2,552,643, May 15.
Display package for drills or the like. R. E. Puckett. 2,563,959, Aug. 14.
Display rack. J. I. Blum. 2,572,434, Oct. 23.
Display rack. R. A. Klein. 2,562,497, July 31.
Display shipping container. S. T. Butterfill. 2,548,001, Apr. 10.
Display sign. B. G. Altheimer. 2,557,402, June 19.
Display stand. J. G. Fettinger. 2,541,754, Feb. 13.
Display stand. B. Slanhoff. 2,571,301, Oct. 16.
Displaying a projected image of a drawing, Method of and apparatus for. M. H. Tracy. 2,543,561, Feb. 27.
Disposal of excrements by destructive retort distillation. A. G. Liebmann. 2,542,039, Feb. 20.
Disposing of slop oil. D. C. Roberson. 2,539,478, Jan. 30.
Disproportionation of xylenes. A. P. Lien and D. A. McCaulay. 2,564,073, Aug. 14.
Dissolver and mixer, Soap. S. Terauchi. 2,537,716, Jan. 9.
Dissolving apparatus. J. F. Hinrichs. 2,536,934, Jan. 2.
Dissolving apparatus. H. W. Lehmkuhl. 2,565,246, Aug. 14.
Dissolving cellulose xanthate. L. L. Malm. 2,573,978, Nov. 6.
Dissolving of polymers. J. R. Blizzard. 2,573,949, Nov. 6.
Dissolving silk fibers. T. C. Whitner. 2,575,152, Nov. 13.
Dissolving thorium values. F. L. Steahly, R. W. Stoughton, and F. W. Schuler. 2,546,933, Mar. 27.
Distance and bearing plate for cane mills. F. Hegenbarth. 2,571,873, Oct. 16.
Distance finder with automatic range tracking. M. G. Crosby. 2,537,574, Jan. 9.
Distance finding system with means to eliminate selected indications. H. G. Busignies. 2,570,203, Oct. 9.
Distance gauge. K. E. Summers. 2,580,255, Dec. 25.
Distance indicator including vernier means, Radio-echo. L. A. de Rosa. 2,572,014, Oct. 23.
Distance measurement by echo ranging. R. B. Moran, Jr. 2,568,926, Sept. 25.
Distance measuring system, Coarse and fine radar. J. R. Woodyard. 2,562,977, Aug. 7.
Distance measuring device and the like. H. E. L. Owen and H. T. Gurton. 2,579,956, Dec. 25.
Distance measuring system. L. Batchelder. 2,580,151, Dec. 25.
Distillate sweetening process. T. B. Tom and J. H. Krause. 2,547,181, Apr. 3.
Distillation apparatus. B. H. Thurman. 2,538,540, Jan. 16.
Distillation apparatus for removing oil from citrus fruit juices. J. A. Cross. 2,558,933, July 3.
Distillation of acid-treated cashew nut shell liquid. S. Caplan. 2,559,594, July 10.
Distillation of acid-treated oils. M. C. K. Jones and E. C. Eulhardt. 2,563,605, Aug. 7.
Distillation of carbonaceous solids. L. C. Huff. 2,560,767, July 17.
Distillation of carbonyl compounds from alcohols. C. E. Morrell and R. F. Robey. 2,576,030, Nov. 20.
Distillation of hydrocarbons, Azeotropic. G. R. Lake. 2,555,650, June 5.
Distillation of oxygenated organic compounds. C. E. Morrell, C. S. Carlson, and P. V. Smith, Jr. 2,551,625, May 8.
Distillation process and apparatus. E. S. Perry and F. J. Mansing. 2,539,699, Jan. 30.
Distillation of secondary butyl acetate from secondary butyl alcohol and water. E. H. Amick, Jr. 2,548,460, Apr. 10.
Distillation of styrene from polymers. D. S. Sherwin. 2,555,939, June 5.
Distillation unit. L. M. Christensen, H. Miller, and L. Champer. 2,552,517, May 15.
Distilling and rectifying apparatus. A. Macq. 2,561,669, July 24.
Distilling head. H. S. Martin. 2,537,942, Jan. 9.
Distilling vinyl aromatic compounds. K. E. Coulter and H. G. Hornbacher. 2,556,030, June 5.
Distributor. M. Frisch. 2,564,683, Aug. 21.
Distributor. G. J. White. 2,539,340, Jan. 23.
Distributor. R. E. White. 2,552,609, May 15.
Distributor, Airplane mounted dust. C. T. Jensen. 2,569,172, Sept. 25.
Distributor and counting circuit, High-speed stepping. K. S. Dunlap and H. N. Seckler. 2,563,824, Aug. 14.
Distributor brush control apparatus. W. R. Gemmel. 2,550,411, Apr. 24.
Distributor, Compressed fluid. A. Dewandre. 2,568,722, Sept. 25.
Distributor, Electrically operated. H. B. Jaynes. 2,559,437, July 3.
Distributor, Electronic. E. R. Shenk. 2,543,874, Mar. 6.
Distributor, Ensilage. V. J. Knoff. 2,557,977, June 26.
Distributor, Flow. L. Hornbostel. 2,548,108, Apr. 10.
Distributor, Fluid. D. W. Turner. 2,543,996, Mar. 6.
Distributor for bituminous and like materials. S. R. Etnyre. 2,571,850, Oct. 16.
Distributor for dividing a flowing stream of material. S. A. Stone. 2,547,794, Apr. 3.
Distributor for gravity runways. T. C. Dodge. 2,570,923, Oct. 9.
Distributor head. T. W. Burnam and G. D. Ramsay. 2,568,429, Sept. 18.
Distributor, Material. W. H. Judson. 2,547,868, Apr. 3.
Distributor, Material. E. J. Rimple. 2,537,913, Jan. 9.
Distributor, Material. R. A. Shaw. 2,561,145, July 17.
Distributor mechanism. O. G. Nelson and P. H. Poetzsch. 2,562,733, July 31.
Distributor rotor. L. R. Hetzler and R. A. Wilkins. 2,555,488, June 5.
Distributor, Seeder and fertilizer. H. L. Larson. 2,569,421, Sept. 25.
Distributor timing indicator. D. W. Lum. 2,578,817, Dec. 18.
Distributor, Tractor mounted. R. P. Bahre. 2,537,202, Jan. 9.
Distributing device for the charge of shaft furnaces. M. A. Brun and L. F. Sauvage. 2,560,844, July 17.
Distributing valve. H. R. Fischer and J. A. Roberts. 2,574,096, Nov. 6.
District assembler circuit. W. W. Carpenter and J. W. Gooderham. 2,558,476, June 26.
Disubstituted piperazines, Making. M. E. Hultquist and K. L. Howard. 2,562,036, July 24.
Ditch digger attachment. C. and J. Hansen. 2,552,964, May 15.
Ditchdigger, Tractor. M. E. Seeger. 2,564,034, Aug. 14.
Ditch digging machine with warning device. A. R. Stryker. 2,561,152, July 17.
Ditch grader. C. L. Wright. 2,547,680, Apr. 3.
Ditch paver, Variable width. E. D. Ekenstam. 2,539,063, Jan. 23.
Ditching and loading device. A. Radakovich. 2,575,729, Nov. 20.
Ditching attachment for grader blades. P. Terry. 2,556,508, June 12.
Ditching attachment for mobile posthole diggers. M. W. Clark and H. J. Hall. 2,558,642, June 26.
Ditching machine, Screw conveyor. S. E. Berry. 2,545,016, Mar. 13.
Di (tert-alkyl) mercaptals. W. M. Crouch. 2,571,114, Oct. 16.
Di-tertiary butyl quinone, Preparation of. G. R. Barrett. 2,577,505, Dec. 4.
Dithiane carboxylic acids. E. F. Jansen. 2,559,626, July 10.
Dithienyl allyl amines. D. W. Adamson. 2,561,899, July 24.
Dithiobiuret, Preparation of. L. C. Lane, Jr., and R. W. Hamilton. 2,557,980, June 26.
Dithiocarbamic acid reaction product. J. E. Jansen. 2,568,633, Sept. 18.
Di-2-ethyl-hexyl diglycollate. E. M. McMahon. 2,544,890, Mar. 13.
Diversity reception system. G. J. McDonald. 2,551,805, May 8.
Diversity receiver. H. O. Peterson. 2,553,271, May 15.
Diversity receiver. H. O. Peterson and G. E. Hansell. 2,555,557, June 5.
Diversity receiver for multiplex frequency shift tones. H. O. Peterson. 2,543,256, Feb. 27.
Diversity system. T. T. N. Bucher. 2,572,912, Oct. 30.
Divided inductor with surrounding quenching device. J. A. Evans. 2,565,957, Aug. 28.
Divided metals, Production of. G. D. Harrison. 2,558,750, July 3.
Dividing attachment for lathes. A. S. Tennant. 2,565,787, Aug. 28.
Dividing head. J. R. Hansen. 2,567,936, Sept. 18.
Dividing machine. M. A. Mattare. 2,553,600 May 22.
Dividing machine, Record controlled. S. Brand and J. M. Cunningham. 2,536,906, Jan. 2.
Dividing means, Liquid feed. H. R. Welby. 2,536,791, Jan. 2.
Dividing pulverous material into desired fractions by means of a rotating sifting machine, Method and apparatus for. K. G. Gustavsson. 2,546,068, Mar. 20.
Diving mouthpiece. H. E. Higgins. 2,550,247, Apr. 24.
Divinyl sulfone tanned proteins. D. L. Schoene. 2,579,871, Dec. 25.
Divisible carton. A. B. Thomas. 2,580,333, Dec. 25.
Dock, Adjustable loading. P. D. Astry. 2,560,064, July 10.
Dock, Dry. B. W. King. 2,550,823, May 1.
Dock, Graving. E. T. Larsen. 2,568,751, Sept. 25.
Dock plate. W. E. McDonald. 2,547,956, Apr. 10.
Dock, Transportable. F. J. Melges and H. Myers. 2,564,123, Aug. 14.
Doffing mechanism for ring spinning, doubling, and twisting machines. J. J. Haythornthwaite. 2,570,057, Oct. 2.
Doffing mechanism for spinning machines. K. W. Crossman and J. Numerof. 2,541,503, Feb. 13.
Dog mechanism for yarn winding machines. A. M. Bartak. 2,541,456, Feb. 13.
Doll. E. Fraysur. 2,565,603, Aug. 28.
Doll. M. L. Lewis. 2,538,157, Jan. 16.
Doll and handbag, Child's. R. B. Linder. 2,549,695, Apr. 17.

Doll, Articulated. P. Rekettye. 2,552,216, May 8.
Doll, Growing. W. R. Moyers, Sr. 2,564,813, Aug. 21.
Doll, Hand. M. C. Wirth. 2,551,195, May 1.
Doll head with hair. V. D. Lilienstern. 2,537,536, Jan. 9.
Doll head with movable eyes. J. H. Wilhelm. 2,546,682, Mar. 27.
Doll head with simulated growing teeth. G. Velkas and N. S. Gardner. 2,556,304, June 12.
Doll house, Two-story knockdown variety. L. K. Hammond and R. H. Stout. 2,544,833, Mar. 13.
Doll joint. I. Cohn. 2,544,135, Mar. 6.
Doll, Nursing. G. W. Wood, G. M. Shaw, and J. A. Scott. 2,572,795, Oct. 23.
Doll, Rubber. C. L. Beal. 2,554,001, May 22.
Doll, Talking. M. Levine. 2,555,800, June 5.
Doll voice mechanism. A. Petrov. 2,537,157, Jan. 9.
Doll with movable parts. O. L. Pearson. 2,548,237, Apr. 10.
Doll with protective covering. M. A. Thorpe. 2,540,701, Feb. 6.
Dolly and like transporting device. W. G. Collins. 2,566,718, Sept. 4.
Dolly, Article lifting and transporting. W. C. and W. H. Gref. 2,569,050, Sept. 25.
Dolly conveyer and hold-down. D. F. Caldemeyer. 2,553,357, May 15.
Dolly, Flat tire. A. W. Morris. 2,552,804, May 15.
Dolly for attachment to chairs, Adjustable wheel. A. J. Smith. 2,556,947, June 12.
Dolly for canister type cleaners. J. L. Yonkers. 2,573,085, Oct. 30.
Dolly for moving and handling blocks of granite. F. Pinto. 2,548,054, Apr. 10.
Dolly for trailers, Front wheel. G. E. Pruitt. 2,570,482, Oct. 9.
Dolly, High-lift. R. Hastings, Jr. 2,555,233, May 29.
Dolly, Load transporting. H. L. Cole. 2,551,097, May 1.
Dolly, Tire. S. E. Huff. 2,546,509, Mar. 27.
Dolly type adjustable machine. G. H. Russell and W. D. Mills. 2,538,473, Jan. 16.
Dolly, Vehicle wheel. A. W. Bartoe. 2,551,483, May 1.
Dolly, Wheel lifting. F. W. Krause. 2,549,489, Apr. 17.
Dolly, Wheeled jack. A. R. Marschke. 2,565,869, Aug. 28.
Dolomite bricks, Manufacture of. H. E. Moon. 2,567,077, Sept. 4.
Domestic appliance. K. Clark. 2,549,756, Apr. 24.
Domestic appliance. W. C. Crimmins. 2,573,409, Oct. 30.
Domestic appliance. M. E. Fry. 2,569,753, Oct. 2.
Domestic appliance. F. H. McCormick. 2,557,832, June 19.
Domestic appliance. G. C. Pearce. 2,569,775, Oct. 2.
Door: *See*—

Accordion folding door.
Articulated grain car door.
Automatic overhead door.
Balanced panic door.
Blower pipe access door.
Cabinet door.
Chimney pit door.
Collapsible door.
Combination door.
Compartmented refrigerator door.
Curved track overhead door.
Drop-bottom gondola car door.
Fire door.
Fire retardant door.
Folding door.
Folding refrigerator car door.
Foot pedal operated hopper door.
Furnace door.
Grain car door.
Grain door.
Horizontally divided door.
Laterally movable car door.
Nonwarping trussed door.
Oven door.
Overhead counter-balanced door.
Overhead door.
Overhead garage door.
Overhead spring-actuated garage door.
Overhead swinging door.
Pivoted door.
Revolving door.
Refrigerator door.
Sealing door.
Sectional door.
Sectional vertical acting door.
Ship door.
Vehicle door.
Vertically moving door.
Water-cooled furnace door.

Door. H. W. Bascom. 2,561,605, July 24.
Door. A. Embury, II. 2,571,696, Oct. 16.
Door-actuated dual compartment mailbox. F. Stone. 2,579,877, Dec. 25.
Door actuated rotatable service cabinet. W. H. Calcutt and S. A. F. Phelps. 2,577,401, Dec. 4.
Door alarm, Cuckoo. W. Helling. 2,568,626, Sept. 18.
Door and cabinet, Revolving. W. J. Kurstin and V. M. Renna. 2,564,485, Aug. 14.
Door and gate operating mechanism. P. C. Bootha. 2,544,215, Mar. 6.
Door and ladder in the side of a craft, Combined. A. J. Moreno and C. L. Fenn. 2,558,975, July 3.
Door and making and mounting the same, Access. E. H. Voelker. 2,576,734, Nov. 27.
Door and mechanism for opening and closing the same. C. Potts. 2,547,488, Apr. 3.
Door and operating means, Overhead garage. W. G. Deuring. 2,544,952, Mar. 13.
Door and operating mechanism therefor. R. E. De Camp. 2,553,637, May 22.
Door and operating mechanism, Vehicle. A. E. Weigele. 2,552,356, May 8.
Door and window, Automobile. E. C. Wahlberg. 2,576,816, Nov. 27.
Door and window frame. F. P. Blanchard. 2,540,419, Feb. 6.
Door and window structure for convertible bodies. J. W. J. Ackermans. 2,552,503, May 8.
Door arrangement, Sliding. J. N. Dokken, A. R. Wigeland, and C. A. Andersen. 2,545,726, Mar. 20.
Door assemblies, Sliding. E. M. Trammell, Sr. 2,561,079, July 17.
Door casing. W. L. Lang. 2,562,105, July 24.
Door catch, Double-acting cupboard. E. F. Bacon, C. S. Comey, and M. L. Saxton. 2,552,390, May 8.
Door check. F. L. Tharp. 2,565,442, Aug. 21.
Door check. J. V. Westlund. 2,568,477, Sept. 18.
Door check and closer. A. E. Kunzl. 2,549,611, Apr. 17.
Door check and closer. W. W. Werner. 2,544,372, Mar. 6.
Door check and closing device. A. Billingsley. 2,543,565, Feb. 27.
Door check and holding device. A. R. de Vito. 2,544,528, Mar. 6.
Door closer. S. G. Bartoszek. 2,550,756, May 1.
Door closer. M. Carlson. 2,544,252, Mar. 6.
Door closer. M. Kalthoff. 2,537,059, Jan. 9.
Door closer mechanism. M. Carlson and O. D. Michaelsen. 2,544,253, Mar. 6.
Door closing apparatus, including electrically driven gear pump and oscillating vane motor hydraulic transmission. F. W. Enzenbacher. 2,552,624, May 15.
Door closure and sealing means, Movable. C. R. Hunter. 2,541,421, Feb. 13.
Door construction. I. Geier. 2,554,822, May 29.
Door construction. N. Michelman. 2,552,992, May 15.
Door construction, Cabinet. M. A. Gersten. 2,572,717, Oct. 23.
Door construction, Hollow metal. E. A. Turner. 2,567,357, Sept. 11.
Door construction, Oven. L. Brock. 2,570,517, Oct. 9.
Door construction, Oven. H. M. Reeves. 2,536,956, Jan. 2.
Door construction, Plate-glass. L. M. Sanders. 2,557,568, June 19.
Door construction, Sectional. W. R. Mitchell. 2,557,753, June 19.
Door construction, Upward acting. H. H. Olsen. 2,538,626, Jan. 16.
Door construction, Upward acting. A. Venditty. 2,552,752, May 15.
Door construction, Vehicle. H. A. Darrin. 2,553,134, May 15.
Door control mechanism. J. G. Childers. 2,570,643, Oct. 9.
Door control system. H. K. Jones. 2,559,301, July 3.
Door controlling device. T. P. Hannegan. 2,560,860, July 17.
Door controlling mechanism and limit switch. B. A. Andrews and G. M. Pro. 2,574,684, Nov. 13.
Door counterbalance. G. C. Pearce. 2,550,161, Apr. 24.
Door dewarping device. F. G. Lando. 2,571,142, Oct. 16.
Door driving means, Revolving. C. E. Gossling. 2,549,451, Apr. 17.
Door fastener. G. E. Dath. 2,558,824, July 3.
Door fastener. G. E. Dath. 2,568,058, Sept. 18.
Door fastener. H. Fuchs. 2,548,964, Apr. 17.
Door fastener. C. E. Hoffman. 2,562,916, Aug. 7.
Door fitting, Freight car. M. Parker and H. C. Bowden. 2,567,652, Sept. 11.
Door fixture, Swinging. H. K. Bryson. 2,555,783, June 5.
Door for cabinets, Slidable. G. F. Hofferberth. 2,569,763, Oct. 2.
Door for furnaces and the like, Hinged. H. M. Simon. 2,571,070, Oct. 9.
Door for nests, Automatic. W. P. Hofferbert. 2,578,247, Dec. 11.
Door for refrigerated cabinets, Insulated. H. A. Stewart. 2,553,879, May 22.
Door for refrigerator compartments. A. E. Nave. 2,571,600, Oct. 16.
Door for washing machines, Clothes weighing. W. A. Johnston. 2,554,672, May 29.
Doorframe. R. S. Wade. 2,572,222, Oct. 23.
Doorframe, Channeled. E. Vogel. 2,558,636, June 26.
Doorframe, Fire-resistant. F. J. Bremer. 2,552,515, May 8.
Door frame and door, Stove. C. L. Hardwick. 2,552,373, May 15.
Door framing, Sliding. A. J. Forgette, M. R. Spence, and N. O. A. Hayman. 2,564,968, Aug. 21.
Door handle. G. V. Jakeway. 2,539,083, Jan. 23.
Door handle safety device, Automobile. H. K. Travis. 2,537,380, Jan. 9.
Door hanger device, Sliding. H. Hezlep, Jr. 2,566,522, Sept. 4.
Door having cast inner panel and rail to which outer sheet panel is attached. C. P. Bedford, D. B. Hammond, and J. L. Hallett. 2,566,871, Sept. 4.
Door hinge. A. Foltis. 2,538,679, Jan. 16.
Door hinge arm. H. P. Peck. 2,545,378, Mar. 13.
Door hinge, Interlocking. F. D. Low. 2,573,798, Nov. 6.
Door hinge linkage. F. A. Muller. 2,564,988, Aug. 21.
Door hinge locating and marking gauge. G. F. Giannini. 2,561,619, July 24.
Door interlock, Biparting elevator. N. R. Guilbert, Jr. 2,566,411, Sept. 4.

Door jamb. J. J. Steffan. 2,538,925, Jan. 23.
Doorknob. R. C. Cerf, Jr. 2,547,439, Apr. 3.
Doorknob structure. S. Bloomfield. 2,576,441, Nov. 27.
Doorknob structure. W. R. Schlage. 2,571,767, Oct. 16.
Door latch. C. E. Anderson. 2,547,108, Apr. 3.
Door latch. E. F. Bacon, C. S. Comey, and M. F. Saxton. 2,554,438, May 22.
Door latch. D. Bjelland. 2,565,752, Aug. 28.
Door latch. F. I. Jaden. 2,543,171, Feb. 27.
Door latch. O. E. Nelson. 2,575,972, Nov. 20.
Door latch means, Spring-loaded pressure-releasable. R. K. Nottingham. 2,576,635, Nov. 27.
Door latch mechanism. D. C. Smith. 2,576,648, Nov. 27.
Door latching means, Hopper car. G. B. Dorey. 2,578,231, Dec. 11.
Door lift. K. P. McLaughlin. 2,577,348, Dec. 4.
Door lock. R. C. Clark. 2,568,273, Sept. 18.
Door lock. C. A. Hillgren. 2,544,959, Mar. 13.
Door lock. D. M. Robinson. 2,574,415, Nov. 6.
Door lock. J. H. Roethel. 2,538,913, Jan. 23.
Door lock. J. H. Roethel. 2,552,815, May 15.
Door lock. J. H. Roethel. 2,557,468, June 19.
Door lock. M. Spinello. 2,577,216, Dec. 4.
Door lock. A. W. Thomas. 2,566,470, Sept. 4.
Door lock repair unit. L. L. Berry. 2,538,552, Jan. 16.
Door locking device. J. V. Lutz and E. H. Keyser. Re. 23,336, Feb. 6.
Door mechanism, Balance. C. D. McDonald. 2,551,032, May 1.
Door mechanism for gondola cars. L. J. Tillman. 2,537,247, Jan. 9.
Door mechanism for railway cars. L. J. Tillman. 2,568,038, Sept. 18.
Door opener, Automatic. J. Walters. 2,553,023, May 15.
Door opening and closing device, Electric overhead. J. N. McNinch and L. E. Myers. 2,560,236, July 10.
Door operating device, Garage. H. H. Hall. 2,545,775, Mar. 20.
Door operating device, Garage. C. T. Schirmer. 2,544,239, Mar. 6.
Door operating device, Pneumatic. P. C. Helz. 2,550,349, Apr. 24.
Door operating mechanism. S. H. Casey, Sr. 2,553,511, May 15.
Door operating mechanism. M. M. Matchett. 2,540,538, Feb. 6.
Door operating mechanism. M. M. Matchett. 2,580,311, Dec. 25.
Door operating mechanism. H. C. May and E. E. Hewitt. 2,558,867, July 3.
Door operating mechanism. J. J. Vaughn. 2,572,785, Oct. 23.
Door operating mechanism, Automatic. F. E. Riverman. 2,542,432, Feb. 20.
Door operating mechanism, Double. S. M. Wychowaniec and A. Lasis. 2,569,624, Oct. 2.
Door operating mechanism for dispensing cabinets, Toggle controlled. R. A. Shaw. 2,550,872, May 1.
Door operating mechanism, Sliding. R. E. De Camp and R. Hereford. 2,577,878, Dec. 11.
Door operating mechanism, Railway car. K. T. Nystrom. 2,540,281, Feb. 6
Door operation and control. M. E. Karp. 2,564,067, Aug. 14.
Door operation and control. J. F. Kilar and J. H. Vander Veer. 2,578,810, Dec. 18.
Door operation and control. P. H. Maurer. 2,578,894, Dec. 18.
Door operation and control. W. C. Turner. 2,578,909, Dec. 18.
Door operator. H. E. Rohrman. 2,574,760, Nov. 13.
Door operator. E. B. Spencer. 2,550,943, May 1.
Door operator, Automatic. D. C. MacMillan. 2,543,789, Mar. 6.
Door operator, Electric semiautomatic. K. L. Mosher. 2,548,042, Apr. 10.
Door operator, Garage. H. E. Bass. 2,554,729, May 29.
Door operator, Garage. R. W. Peters. 2,543,506, Feb. 27.
Door or the like, Furnace. R. B. Groetzinger. 2,547,204, Apr. 3.
Door seal for pressurized aircraft. W. N. Stark. 2,560,665, July 17.
Door sealing strippings containing sponge rubber, Making. D. P. Allen. 2,538,406, Jan. 16.
Door securing device. M. D. Dorion. 2,562,301, July 31.
Door silencer. H. N. Holm. 2,542,140, Feb. 20.
Door stay, Adjustable. B. M. Vollmer. 2,550,626, Apr. 24.
Door stop. W. E. Jewell, Jr. 2,558,614, June 26.
Door structure, Bulkhead. Y. K. Buell. 2,576,387, Nov. 27.
Door supporting crank arms, Adjustable. G. E. Dath. 2,553,634, May 22.
Door supporting mechanism, Railway car. E. G. Goodwin. 2,558,130, June 26.
Door threshold. L. Stanko. 2,579,875, Dec. 25.
Door with swinging action, Overhead track sliding. H. E. Linebaugh. 2,565,383, Aug. 21.
Doorway for airfoil fuselages, Rear. V. J. Burnelli. 2,547,811, Apr. 3.
Doorway gate. J. H. Quinlan. 2,577,034, Dec. 4.
Dormant parasiticide compositions. O. H. Hammer. 2,579,430, Dec. 18.
Dosage and time indicator. C. Schatzkin. 2,565,095, Aug. 21.
Double-acting dial indicator. W. H. Myers. 2,539,458, Jan. 30.
Double-acting mold press. J. H. Du Bois and F. A. Claessens. 2,555,476, June 5.
Double acting pump. J. M. Pratt. 2,538,592, Jan. 16.
Double-action door holder. H. E. Dunlap. 2,569,806, Oct. 2.
Double-action duplex pump. S. D. Alonso. 2,552,703, May 15.
Double-action metal drawing press. W. E. Ward. 2,550,064, Apr. 24.
Double-action relay. R. E. Wells. 2,558,067, June 26.
Double-action stop motion attachment for spinning frames or twisters. J. B. Dalton. 2,559,949, July 10.
Double activation with conditioning for sole attaching. M. Maeser and R. E. Hobbs, Jr. 2,549,981, Apr. 24.
Double aperture generator. A. H. Schooley. 2,559,666, July 10.
Double-deck railway sleeping car. C. L. Eksergian. 2,561,653, July 24.
Double document control for photographing machines. F. J. Schutt. 2,551,468, May 1.
Double-door structure with latching mechanism. C. G. Minor. 2,566,578, Sept. 4.
Double hooked lid lifting tool. A. S. Haislip. 2,574,918, Nov. 13.
Double hung sash. C. V. Mancini. 2,577,342, Dec. 4.
Double hung window cleaner. C. Reilly. 2,537,482, Jan. 9.
Double jaw animal trap. S. Franchok and S. Chakan. 2,562,308, July 31.
Double lever press. J. C. Meyer. 2,557,554, June 19.
Double magnetic holding device. C. O. Jaeger. 2,580,099, Dec. 25.
Double mixing valve. L. A. Kempton. 2,553,769, May 22.
Double phase comparator circuit. W. J. O'Brien. 2,562,329, July 31.
Double-ply leno fabric. S. Brierley. 2,559,341, July 3.
Double pulse discriminator. C. H. Hoeppner, H. R. Murphy, and N. Clark, Jr. 2,562,915, Aug. 7.
Double pulse generator. C. E. Cleeton. 2,541,986, Feb. 20.
Double pulse generator. M. S. McVay and J. H. Greig. 2,537,077, Jan. 9.
Double-row roller bearing. N. A. Palmgren. 2,577,589, Dec. 4.
Double seamer. E. Laxo. 2,540,001, Jan. 30.
Double sheet detector. N. H. Goldsworthy. 2,579,922, Dec. 25.
Double shuttle weft replenishing loom. W. R. Hewton. 2,577,419, Dec. 4.
Double spring bottle holder. H. W. Seiger. 2,557,570, June 19.
Double tap T soil-pipe fitting. W. J. and A. B. Collison. 2,566,654, Sept. 4.
Double throw clamp-tight switch. A. S. Caswell. 2,553,238, May 15.
Double-throw clamping switch. A. S. Caswell. 2,547,153, Apr. 3.
Double throw safety for transfer apparatus of die casting machines. L. H. Morin. 2,542,556, Feb. 20.
Double-twist twisting mechanism. N. E. Klein. 2,549,821, Apr. 24.
Double-wall paper container. C. Barbieri. 2,540,565, Feb. 6.
Double-webbed rail wheel. H. F. Flowers. 2,574,323, Nov. 6.
Douche composition. J. H. Wright and A. W. Lewing. 2,556,567, June 12.
Douche or enema device. A. A. Swain. 2,543,075, Feb. 27.
Dough blender. E. L. Dennis. 2,573,550, Oct. 30.
Dough divider. G. R. Grissinger. 2,536,846, Jan. 2.
Dough divider. J. E. Pointon. 2,568,252, Sept. 18.
Dough forming machine. S. Patt. 2,566,628, Sept. 4.
Dough holding attachment for fishhooks. J. L. Stark. 2,564,216, Aug. 14.
Dough shaping, treating, and filling device. V. E. Sternbach. 2,577,925, Dec. 11.
Doughnut flipper for doughnut machines. E. J. Duval. 2,543,403, Feb. 27.
Doughnut sugaring machine. E. J. Roth. 2,536,662, Jan. 2.
Dovetailing machine. W. A. Early. 2,578,521, Dec. 11.
Dowel. G. W. Carlson. 2,560,413, July 10.
Dowel attachment and adjusting lock for forms. R. E. Heltzel. 2,548,214, Apr. 10.
Dowel clasping assembly for poultry crates. T. W. Roberg. 2,559,464, July 3.
Dowel cutter. R. E. Buck. 2,556,415, June 12.
Dowel hole locator. W. M. Garrard. 2,579,564, Dec. 25.
Dowel rod and sealing material supporting unit for joints in concrete. W. E. Bradbury. 2,552,365, May 8.
Doweling jig. R. F. Douglass. 2,561,914, July 24.
Draft and lift mechanism for potato diggers. L. E. Smith. 2,569,201, Sept. 25.
Draft arm for carbonated beverages. P. D. Van Vliet and B. J. Homkes. 2,543,390, Feb. 27.
Draft control. C. W. Eakin. 2,540,191, Feb. 6.
Draft control. E. A. Field, Jr. 2,555,687, June 5.
Draft control. W. G. Johnson. 2,570,558, Oct. 9.
Draft control, Barometric. A. O. Dady. 2,539,815, Jan. 30.
Draft controlling and back draft diversion damper device for furnaces. P. A. and J. A. Viola. 2,557,210, June 19.

Draft device for trailer hitches. R. K. Lowman. 2,554,711, May 29.
Draft gear. A. T. Kandt and R. E. Meller. 2,540,677, Feb. 6.
Draft gear jack. J. D. Raymick. 2,578,264, Dec. 11.
Draft gear mounting. J. C. Travilla, Jr. 2,565,534, Aug. 28.
Draft hitch for vehicles, Piston operated. P. J. Grattan. 2,568,445, Sept. 18.
Draft inducer for combustion apparatus, Mechanically driven impeller type. M. Resek. 2,561,135, July 17.
Draft mechanism for implement frames, Adjustable. R. F. Adkisson. 2,540,228, Feb. 6.
Draft member and coupling means. A. Claud-Mantle. 2,552,885, May 15.
Draft mounting for revertible draft heater fire pots, Adjustable. N. M. Schrank. 2,569,781, Oct. 2.
Draft regulator. E. A. Field, Jr. 2,546,219, Mar. 27.
Draft regulator for granular fuel burning stoves, Ash pit door carried. A. T. Crumbaker. 2,540,657, Feb. 6.
Draft rigging. W. J. Metzger. 2,556,732, June 12.
Draft rigging. D. Willison. 2,546,485–6, Mar. 27.
Draft rigging. D. Willison and H. L. Spence. 2,546,487, Mar. 27.
Draft rigging. D. Willison. 2,546,488, Mar. 27.
Draft rigging for wagons. E. W. Hiles and W. H. Ruther. 2,576,178, Nov. 27.
Draft roller pressure control mechanism. G. F. Norcross. 2,547,485, Apr. 3.
Draft structure for vehicles, Adjustable. E. F. Jirsa and J. S. Ross. 2,539,666, Jan. 30.
Draft tube valve. G. V. Arata. 2,559,336, July 3.
Drafting apparatus. V. J. Ille. 2,551,747, May 8.
Drafting apparatus. R. F. Jessen. 2,568,502, Sept. 18.
Drafting assembly or kit. E. H. May. 2,543,664, Feb. 27.
Drafting equipment. I. V. Stovern. 2,558,468, June 26.
Drafting instrument. O. D. Premo. 2,579,857, Dec. 25.
Drafting machine. J. F. Joy. 2,562,920, Aug. 7.
Drafting machine. C. H. and C. H. Little. 2,576,615, Nov. 27.
Drafting machine. C. W. Reed. 2,572,197, Oct. 23.
Drafting machine. M. and J. L. Sanders. 2,536,142, Jan. 2.
Drafting machine, Perspective. C. C. Foster. 2,565,724, Aug. 28.
Drafting mechanism for textile fibers. J. Noguera. 2,536,884, Jan. 2.
Drafting mechanism in spinning or like machines. J. Noguera. 2,548,232, Apr. 10.
Drafting table. I. V. Stovern. 2,554,599, May 29.
Drafting uniform roving, Process and apparatus for. J. N. Hiensch. 2,542,331, Feb. 20.
Draftman's guide, Illuminated. R. W. Russ. 2,563,191, Aug. 7.
Drag and rotary drilling bit, Combination. A. F. Maydew. 2,557,302, June 19.
Drag-barrel motor. G. D. Gillett. 2,542,659, Feb. 20.
Drag, Brush. L. Sweat and T. Chatwin. 2,558,324, June 26.
Drag for bodies and the like. G. W. Bartlett. 2,565,342, Aug. 21.
Drag harrow hitch. H. E. Blehm. 2,575,405, Nov. 20.
Drag hook. K. M. Rooker. 2,579,864, Dec. 25.
Drain, Automatic liquid. R. E. Farnsworth. 2,546,434, Mar. 27.
Drain cleaner. R. W. Hamlett. 2,570,546, Oct. 9.
Drain control device. O. W. Kaddatz. 2,549,204, Apr. 17.
Drain control valve. C. P. Wagner and F. R. Holycross, Jr. 2,553,991, May 22.
Drain fitting. F. L. W. Link. 2,569,615, Oct. 2.
Drain fitting for washbasins and the like. L. Bloch. 2,572,101, Oct. 23.
Drain for air lines, Automatic. E. J. Whalen. 2,559,692, July 10.
Drain for tar cookers, Overflow. F. S. Hall. 2,544,153, Mar. 6.
Drain, Floor. J. H. Schmid. 2,567,355, Sept. 11.
Drain line cleaner. C. Lundelius. 2,568,347, Sept. 18.
Drain pipe blow-out plug. A. N. MacArthur. 2,564,402, Aug. 14.
Drainpipe valve. Z. Bugno. 2,545,192, Mar. 13.
Drain spout, Automatic. P. L. Newbold. 2,541,536, Feb. 13.
Drainage device for drum driers. J. C. Cowie. 2,545,917, Mar. 20.
Drainage method and device. W. Kjellman. 2,577,252, Dec. 4.
Draining machine, Can. E. F. McGeady. 2,545,293, Mar. 13.
Drape, Sliding slat. C. J. Reimuller. 2,556,942, June 12.
Drape supporting clamp. H. W. Metzger. 2,560,975, July 17.
Drapery attachment for dressing tables or vanities. S. S. Coplon. 2,563,310, Aug. 7.
Drapery crane, Adjustable. J. V. Graber. 2,569,376, Sept. 25.
Drapery carrier. F. H. Werner and J. J. Graham. 2,576,086, Nov. 20.
Drapery hanger. H. L. Reese. 2,556,886, June 12.
Drapery hook. S. Perlmutter. 2,553,272, May 15.
Drapery rod bracket. A. I. Reitman. 2,557,362, June 19.
Drapery shaper. B. Walters. 2,544,516, Mar. 6.
Drapery support. C. F. Hasselwander. 2,559,072, July 3.
Drapery support. P. Stallone. 2,557,578, June 19.
Drapery-supporting fixture. S. Sheiber. 2,539,795, Jan. 30.
Draught excluding arrangement for doors. R. I. Bach. 2,554,771, May 29.
Drawbar pickup. C. E. White. 2,549,734, Apr. 17.
Drawbar, Trailer. D. S. Weiss. 2,548,085, Apr. 10.
Drawbench. G. W. Garwig. 2,536,637, Jan. 2.
Draw bench. E. J. McIlvried and N. H. Nye. 2,554,998, May 29.
Draw bench carriage. G. W. Garwig. 2,551,260, May 1.
Drawbench, Elbow. S. F. Kitlica. 2,565,971, Aug. 28.
Draw closure bag. T. M. Scruggs. 2,557,517, June 19.
Draw cord anchorage. R. Gleave and E. A. Dickmann. 2,550,464, Apr. 24.
Draw leaf extension attachment for tables. J. Weller. 2,577,724, Dec. 4.
Draw plate. M. R. Clement and D. E. Germain. 2,578,229, Dec. 11.
Draw roll mechanism for hot stretching of artificial filaments. R. J. Birkenhauer. 2,541,149, Feb. 13.
Drawer and step, Bed. R. F. Whittier and C. P. Field. 2,567,630, Sept. 11.
Drawer construction. E. D. Backus. 2,562,290, July 31.
Drawer containing cabinet. J. E. Moberg. 2,539,963, Jan. 30.
Drawer display device. Multiple sliding. R. L. Ford. 2,545,269, Mar. 13.
Drawer for filing cabinets. A. A. Chauvin. 2,564,673, Aug. 21.
Drawer for filing cabinets, Extension. C. W. Wikman. 2,559,380, July 3.
Drawer for tables, Concealed. C. Frederick. 2,565,845, Aug. 28.
Drawer guide. A. F. Waller. 2,559,237, July 3.
Drawer guide, File cabinet. V. A. Smith. 2,562,219, July 31.
Drawer housing, Interlocking. E. C. Hake. 2,569,236, Sept. 25.
Drawer, Lined. F. E. Lee. 2,570,958, Oct. 9.
Drawer, Rotatably mounted. G. D. Gillett. 2,566,186, Aug. 28.
Drawer structure, Movable. W. R. McDowell. 2,576,407, Nov. 27.
Drawer suspension, Progressive. C. F. Wolters. 2,561,163, July 17.
Drawing appliance. A. G. Williams and D. M. Moore. 2,553,026, May 15.
Drawing board. A. Novy. 2,563,658, Aug. 7.
Drawing board. P. Seferow. 2,577,159, Dec. 4.
Drawing board, book, or like. K. E. A. Ericson. 2,578,524, Dec. 11.
Drawing compass attachment. G. A. Ryan. 2,567,733, Sept. 11.
Drawing filled tantalum tubes. D. S. Seabury, W. D. Buckingham, and C. R. Deibert. 2,549,249, Apr. 17.
Drawing fine steel wire. A. W. Harris. 2,546,447, Mar. 27.
Drawing formed structures of synthetic linear polyesters. A. Pace, Jr. 2,556,295, June 12.
Drawing frame. R. C. Berker. 2,567,467, Sept. 11.
Drawing kit. E. G. Henry. 2,570,806, Oct. 9.
Drawing machine. P. Vanet. 2,551,185, May 1.
Drawing machine, Continuous wire. C. O. Bruestle. 2,557,215, June 19.
Drawing material. T. S. Reese. 2,536,657, Jan. 2.
Drawing mechanism for spinning and roving frames. E. C. Gwaltney and G. C. Anderson. 2,565,228, Aug. 21.
Drawing of flat glass. L. J. M. Bonjour. 2,543,225, Feb. 27.
Drawing paper holder. L. R. Holway. 2,538,783, Jan. 23.
Drawing, twisting, doubling, and spinning machinery. W. Hardacre, E. Beaumont, and H. B. Merriman. 2,556,919, June 12.
Drawing-off mechanism for circular knitting machines. J. Javorek. 2,567,288, Sept. 11.
Drawout mechanism for compartmented circuit breakers. G. W. Spicer. 2,554,510, May 29.
Dress ensemble, Foundation. T. E. Christiansen. 2,548,143, Apr. 10.
Dress shield. L. V. Madsen. 2,573,346, Oct. 30.
Dresser mounting. L. O. Carlsen. 2,571,339, Oct. 16.
Dresser for abrasive wheels, Radius and tangent. J. L. Hosinski. 2,554,530, May 29.
Dressing a railroad track bed, Method and apparatus for. G. T. Donahue. 2,550,979, May 1.
Dressing seed composition. F. L. Sharp. 2,538,595, Jan. 16.

Drier: *See*—

Air drier.
Ceramic drier.
Clothes drier.
Continuous drier.
Electrically heated clothes drier.
Extraction drier.
Fishing line drier.
Grain drier.
Hair drier.
Heat exchanger clothes drier.
Indoor portable oscillating drier.
Laundry drier.
Nut drier.
Photographic drier.
Portable drier.
Radiant heat drier.
Rotary drier.
Rotary drum drier.
Sack clothes drier.
Spray drier.
Window laundry drier.
Yankee drier.

Drier. E. W. Gray. 2,548,363, Apr. 10.
Drier. J. J. Grimberg. 2,554,825, May 29.
Drier. W. L. Kauffman, II. 2,543,579, Feb. 27.
Drier. W. L. Kauffman, II. 2,548,313, Apr. 10.
Drier. K. E. McConnaughay. 2,536,762, Jan. 2.
Drier. E. A. Wallin. 2,560,497, July 10.
Drier and cooler for grain or the like. G. D. Arnold. 2,552,835, May 15.
Drier and crib, Grain. J. D. Otley. 2,545,166, Mar. 13.
Drier combined with comb, Hair. R. Steiner. 2,576,368, Nov. 27.
Drier compositions. G. K. Wheeler. 2,565,897, Aug. 28.
Drier-filter unit, Refrigerant. K. M. Newcum. 2,557,557, June 19.
Drier for combine harvesters, Grain. C. E. Everett. 2,537,186, Jan. 9.
Drier for lumber and the like. J. W. Smith. 2,538,888, Jan. 23.
Drier for printed webs. M. Mauffre. 2,578,633, Dec. 11.
Drier having an adjustable exhaust system, Dielectric. B. H. Griffith, Jr. 2,560,763, July 17.
Drier-heater. R. R. Hutcheson. 2,573,445, Oct. 30.
Drier or the like, Germicidal hair. J. C. Maccallum. 2,560,808, July 17.
Drier safety control. F. L. Butler. 2,577,104, Dec. 4.
Drier section for paper machines. L. Hornbostel. 2,578,552, Dec. 11.
Dry ash removal for gas producer. F. von Gonzenbach. 2,572,543, Oct. 23.
Dry battery cell. G. B. Ellis. 2,572,017, Oct. 23.
Dry cell. R. L. Glover. 2,552,091, May 8.
Dry cell and electrode therefor. S. Kurlandsky. 2,579,743, Dec. 25.
Dry cell and making same. W. B. Woodring and O. K. Reinhardt. 2,546,379, Mar. 27.
Dry cell composition. E. M. Otto. 2,569,491, Oct. 2.
Dry cell construction. A. M. MacFarland. 2,542,934, Feb. 20.
Dry cell lamp switch. J. M. Aufiero. 2,542,613, Feb. 20.
Dry cleaning. H. F. Hamlin. 2,573,966, Nov. 6.
Dry cleaning machine. C. F. Dinley. 2,574,251, Nov. 6.
Dry cotton picker finger. A. L. Foster. 2,574,822, Nov. 13.
Dry distillation, Method of and apparatus for. D. Dälin, T. J. Hedbäck, C. J. Gejrot, and A. W. Johansson. 2,550,667, May 1.
Dry dock, Floating. G. C. Engstrand. 2,576,928, Dec. 4.
Dry feeder. G. M. Booth. 2,541,742, Feb. 13.
Dry film gauge. M. R. Euverard and P. N. Gardner. 2,546,990, Apr. 3.
Dry gluten, Production of. H. M. Weber. 2,559,551, July 3.
Dry ice from natural gas, Production of. R. P. Russell and W. H. Rupp. 2,548,498, Apr. 10.
Dry Ice manufacture. W. H. Rupp. 2,570,074, Oct. 2.
Dry Ice pack. H. E. Hipps and E. J. Kupjack. 2,563,933, Aug. 14.
Dry powder fire-extinguishing medium discharge and directing apparatus. D. Mapes. 2,562,930, Aug. 7.
Dry process for making composite products with pH control. E. G. Hallonquist. 2,571,986, Oct. 16.
Dry seal gas holder. J. W. Allen. 2,554,765, May 29.
Dry seal pressure type gas holder. J. W. Allen. 2,554,767, May 29.
Dry seal pressure type gas holder. J. W. Allen. 2,579,776, Dec. 25.
Dry shaver. T. Bailey. 2,573,758, Nov. 6.
Dry shaver. A. Barsam, Sr. 2,539,049, Jan. 23.
Dry shaver. N. J. Trought. 2,580,138, Dec. 25.
Dry shaver with abrader. G. Barsch. 2,541,189, Feb. 13.
Dry shaving device. F. W. Knowles. 2,543,725, Feb. 27.
Dry spinning apparatus. A. Lodge. 2,551,684, May 8.
Dry surface contact rectifier assembly. R. H. Cubitt. 2,539,894, Jan. 30.
Dry wall construction. C. P. Hartung. 2,566,563, Sept. 4.
Dry-wall construction. C. C. Heritage. 2,541,762, Feb. 13.
Dry wash ore separator. H. B. Thayer. 2,560,140, July 10.
Drying and curing apparatus. C. B. Albright. 2,576,274, Nov. 27.
Drying and tentering-drying with radiant heaters and automatic control means, Method and apparatus for. C. V. Dunski and G. M. Regout. 2,559,713, July 10.
Drying apparatus. B. R. Andrews. 2,574,083, Nov. 6.
Drying apparatus. C. A. French. 2,553,516, May 16.
Drying apparatus. H. D. Hellenberg and H. J. Auramo. 2,538,363, Jan. 16.
Drying apparatus. G. Tremblay. 2,547,238, Apr. 3.
Drying apparatus, Spray. F. E. Reese. 2,566,292, Aug. 28.
Drying cap. J. Rösli. 2,575,841, Nov. 20.
Drying ceramic pipes, Method of and apparatus for. H. W. Jewell. 2,554,705, May 29.
Drying compositions resistant to gas checking and frosting. H. Dannenberg. 2,559,347, July 3.
Drying drum. H. E. Neubauer. 2,542,287, Feb. 20.
Drying equipment. L. K. Arnold. 2,554,769, May 29.
Drying form, Sock. A. L. Loutz. 2,545,479, Mar. 20.
Drying fruit juices. J. W. Stevens, D. E. Pritchett, and W. E. Baier. 2,567,038, Sept. 4.
Drying gelatinous material, Method and apparatus for H. E. Peck. 2,546,867, Mar. 27.
Drying glues, Method and apparatus. A. H. Zeigler and C. M. Harris, Jr. 2,556,247, June 12.
Drying granular, thread, and fibrous materials. F. W. J. Karrer and H. Du Rietz. 2,567,940, Sept. 18.
Drying hardwood. A. Elmendorf. 2,556,686, June 12.
Drying hops. V. A. Bloxham. 2,559,107, July 3.
Drying hydrogel microspheres. C. N. Kimberlin, Jr. 2,552,323, May 8.
Drying hydrogel, Process and apparatus for. B. M. Baird. 2,558,206, June 26.
Drying laundry. A. Miller. 2,575,672, Nov. 20.
Drying lumber. H. P. Wood. 2,567,983, Sept. 18.
Drying macaroni. B. S. Scotland. 2,552,120, May 8.
Drying machine. R. C. Parkes. 2,550,716, May 1.
Drying machine, Drum. J. Dungler. 2,559,412, July 3.
Drying mechanism for electrolytic facisimile recorders. W. G. H. Finch. 2,572,462, Oct. 23.
Drying method and machine. R. C. Parkes and D. H. Colker. 2,547,833, Apr. 3.
Drying of bulk products. A. H. Heineman. 2,560,573, July 17.
Drying of fruit or vegetable materials. S. I. Strashun. 2,557,155, June 19.
Drying of lumber and other materials, Rapid. E. R. Taylor. 2,546,706, Mar. 27.
Drying oil composition. J. D. Danforth. 2,566,515, Sept. 4.
Drying oil composition. J. P. West. 2,578,214, Dec. 11.
Drying oil-dimer copolymers and making same. A. H. Gleason. 2,536,845, Jan. 2.
Drying oil-furfuraldehyde-mesityl oxide compositions. M. T. Harvey. 2,565,685, Aug. 28.
Drying oils by treatment of acid-soluble oils with hydrofluoric acid, Production of. P. H. Carnell. 2,544,552, Mar. 6.
Drying oils from clay polymers, Preparation of. L. M. Adams, P. L. Brandt, R. J Lee, and F. T. Wadsworth. 2,569,595, Oct. 2.
Drying plums and grapes. E. W. Flosdorf. 2,577,704, Dec. 4.
Drying rayon. F. B. Breazeale. 2,539,943, Jan. 30.
Drying refrigerator coils. A. H. Heineman. 2,549,809, Apr. 24.
Drying sized or otherwise impregnated textile material, Method and apparatus for. R. A. Rusca and G. J. Kyame. 2,578,744, Dec. 18.
Drying synthetic rubber polymers. H. L. Wilson, R. F. Leary and J. F. Nelson. 2,561,256, July 17.
Drying tobacco. H. S. Kirkpatrick. 2,562,043, July 24.
Drying urea-aldehyde reaction masses containing clay as a filler. J. W. Wandell. 2,554,161, May 22.
Drying wet wheat gluten. J. M. Tuomy and R. L. Slotter. 2,567,980, Sept. 18.
Drying wood. W. K. Loughborough, J. M. McMillen, and L. D. Espenas. 2,546,162, Mar. 27.
Drying yarn. P. van Dijk. 2,539,978, Jan. 30.
Drying yeast. S. L. Baker. 2,546,251, Mar. 27.
Driftpin. N. A. Smith. 2,542,368, Feb. 20.
Driftable wind propelled fishing line carrier. J. A. Hockenhull. 2,572,340, Oct. 23.
Drill: *See*—
Centralizing drill.
Grain drill.
Hammer drill.
Masonry drill.
Operator-supported power drill.
Percussion drill.
Power track drill.
Rock drill.
Rotary drill.
Side drill.
Tariff drill.
Twist drill.
Drill. H. D. Cummins. 2,575,332, Nov. 20.
Drill. M. Horsky and R. W. Mandl. 2,555,746, June 5.
Drill. C. W. Kinnear. Re. 23,416, Oct. 16.
Drill. T. H. Stancliff. 2,554,388, May 22.
Drill adapter for powering turning tools. J. P. Thibodeau. 2,552,234, May 8.
Drill and handpiece for same, Dental. G. E. Björklund. 2,568,708, Sept. 25.
Drill and saw machine. H. Saucke. 2,549,934, Apr. 24.
Drill bit. W. G. Green. 2,579,819, Dec. 25.
Drill bit. J. G. Jackson. 2,544,993, Mar. 13.
Drill bit. W. B. Noble. 2,571,930, Oct. 16.
Drill bit. C. V Tilden 2,579,712, Dec. 25.
Drill bit and assembling and disassembling the same, Expansible rotary. A. W. Kammerer. 2,545,034, Mar. 13.
Drill bit apparatus, Rotary. A. W. Kammerer. 2,545,037, Mar. 13.
Drill bit having file teeth. G. A. Hawkins. 2,570,945, Oct. 9.
Drill carriage assembly. J. W. Ray. 2,546,957, Mar. 27.
Drill chuck. A. Fiorini. 2,556,263, June 12.
Drill chuck. A. C. Hollis. 2,544,088, Mar. 6.
Drill collar, Straight hole. L. E. Stewart and M. J. Winters. 2,542,725, Feb. 20.
Drill device. T. P. Atkinson. 2,579,720, Dec. 25.
Drill for type casting machines, Accessory. C. M. Downs. 2,567,994, Sept. 18.
Drill for wells, Drop collar right angle. W. E. Coyle. 2,550,330, Apr. 24.
Drill grinder. T. E. Brooks. 2,564,050, Aug. 14.
Drill guide. F. G. Bellek. 2,539,223, Jan. 23.
Drill guide, Adjustable. A. Feucht. 2,540,574, Feb. 6.
Drill guide bushing. W. R. Fisher. 2,543,840, Mar. 6.

Drill guide, Hip fracture. J. J. Ettinger. 2,547,571, Apr. 3.
Drill head. W. H. Evans. 2,554,820, May 29.
Drill head, Multiple. T. G. Linderme. 2,549,318, Apr. 17.
Drill head, Universal. A. C. Koett. 2,553,416, May 15.
Drill holder. E. F. Huot. 2,564,601, Aug. 14.
Drill hole and underground resistivity method. A. A. Brant. 2,571,529, Oct. 16.
Drill jig. F. A. Barr. 2,560,382, July 10.
Drill jig. E. Rose. 2,537,859, Jan. 9.
Drill pipe attachment. C. M. and M. C. Holder. 2,568,005, Sept. 18.
Drill pipe handling and racking apparatus. E. W. Olsen. 2,539,751, Jan. 30.
Drill pipe support. W. L. Pearce. 2,575,831, Nov. 20.
Drill point gauge. C. C. Carlson. 2,577,228, Dec. 4.
Drill point gauge. A. G. Rabuck. 2,547,284, Apr. 3.
Drill press. R. H. Allen. 2,579,459, Dec. 25.
Drill press and control means therefor, Hydraulic. D. G. Griswold. 2,558,295, June 26.
Drill press attachment. A. Colucci and R. R. Yungel. 2,563,582, Aug. 7.
Drill press attachment. J. W. Fried. 2,568,886, Sept. 25.
Drill press speed reducing assembly. S. Krafka. 2,550,012, Apr. 24.
Drill rig. C. W. Kandle. 2,562,276, July 31.
Drill set, Transplanter. L. L. Barnett. 2,559,183, July 3.
Drill slip unit, Automatic. W. A. Abegg. 2,575,649, Nov. 20.
Drill speeder and the like. G. O. Gridley. 2,542,408, Feb. 20.
Drill stem telescope joint. C. C. Brown. 2,563,515, Aug. 7.
Drill stock power drive coupling. O. Phipps. 2,572,280, Oct. 23.
Drill support. W. H. Cole. 2,575,097, Nov. 13.
Drill tool. A. P. Hatcher. 2,569,854, Oct. 2.
Drill unit. D. B. Grossman. 2,542,866, Feb. 20.
Drill vise and jig. J. Wolfson. 2,556,131, June 5.
Driller. J. W. Karweit. 2,562,040, July 24.
Drilling. R. P. Vincent. 2,544,573, Mar. 6.
Drilling and swarf clearing device for machine tools. L. Saives. 2,578,454, Dec. 11.
Drilling apparatus. R. A. McCallum. 2,552,637, May 15.
Drilling apparatus. W. H. Smith. 2,567,451, Sept. 11.
Drilling apparatus. H. A. Taylor. 2,565,101, Aug. 21.
Drilling apparatus. H. H. Vanderzee. 2,547,609, Apr. 3.
Drilling apparatus and cleaning plugged drill steel. R. L. Jones and H. O. Nylene. 2,577,895, Dec. 11.
Drilling apparatus, Directional. C. W. Spaulding and C. P. Collins. 2,553,874, May 22.
Drilling bit for wood or the like. H. C. Wilson. 2,576,376, Nov. 27.
Drilling bore holes. B. W. Sewell. 2,537,605, Jan. 9.
Drilling composition, Well. C. L. Thompson. 2,549,142, Apr. 17.
Drilling equipment, Portable. K. E. Burg and J. N. Walstrum. 2,564,188, Aug. 14.
Drilling fluid. P. W. Fischer and J. F. Cook. 2,552,775, May 15.
Drilling fluid. W. J. Weiss. 2,551,355–6, May 1.
Drilling fluid compositions. P. W. Fischer. 2,542,020, Feb. 20.
Drilling fluid concentrates. P. W. Fischer. 2,573,960, Nov. 6.
Drilling fluid, Water base. R. A. Henkes. 2,557,657, June 19.
Drilling fluids. P. W. Fischer. 2,542,019, Feb. 20.
Drilling fluids. P. W. Fischer. 2,573,959, Nov. 6.
Drilling fluids and use. V. Scarth. 2,554,214, May 22.
Drilling fluids and using same. C. M. Himel and E. G. Lee. 2,570,947, Oct. 9.
Drilling fluids and using same. M. A. Ryan. 2,557,473, June 19.
Drilling fluids and using same. V. Scarth. 2,556,222, June 12.
Drilling fluids and using same. V. Scarth. 2,570,492, Oct. 9.
Drilling fluids and using same. C. R. Wagner, W. N. Axe and C. M. Himel. 2,560,611, July 17.
Drilling fluids and using same. C. R. Wagner and M. A. Ryan. 2,560,612, July 17.
Drilling fluids, Low-resistance. P. W. Fischer. 2,573,961, Nov. 6.
Drilling fluids, Rotary. J. E. Sherborne. 2,551,768, May 8.
Drilling jig. W. J. and W. G. Porter. 2,561,819, July 24.
Drilling jig for angle irons. C. B. Lubbert. 2,564,786, Aug. 21.
Drilling machine. J. H. Anderson. 2,551,409, May 1.
Drilling machine, Well. H. H. Wilburn. 2,558,202, June 26.
Drilling mud. P. W. Fischer and R. A. Rogers. 2,550,236, Apr. 24.
Drilling mud and using. R. V. Jones. 2,555,469, June 5.
Drilling muds and use. M. A. Ryan. 2,561,418, July 24.
Drilling of diamonds and the like, Dry. C. G. Peters and F. K. Harris. 2,552,582, May 15.
Drilling rate logger. E. M. McNatt. 2,550,420, Apr. 24.
Drilling rig, Floating. O. B. Manes. 2,552,899, May 15.
Drilling rig foundation and constructing same, Submergible. J. T. Hayward. 2,540,878, Feb. 6.
Drilling tool. J. W. Mecom. 2,575,826, Nov. 20.
Drilling tool. C. E. Whittaker. 2,562,346, July 31.
Drilling unit. J. Nelson. 2,574,347, Nov. 6.
Drilling weight control system. A. G. H. Straatman. 2,566,812, Sept. 4.
Drink mixer. V. L. Shaw. 2,536,959, Jan. 2.
Drink mixer support. F. V. Forss. 2,557,087, June 19.
Drinking doll with controlled discharge of the liquid. H. R. Beebe. 2,555,107, May 29.
Drinking fountain attachment. E. P. Tyler. 2,579,769, Dec. 25.
Drinking unit, Nonspillable. E. J. Nicorvo. 2,578,201, Dec. 11.
Drip channel for vehicles having convertible tops. C. S. Brandt and J. W. Karsted. 2,572,592, Oct. 23.
Drip collecting arrangement for refrigerators. G. C. Harbison. 2,555,968, June 5.
Drip molding and mounting bracket for automobile visors, Combination. W. A. Maher. 2,573,039, Oct. 30.
Drip saver structure. V. Schwarzkopf. 2,569,261, Sept. 25.
Dripless container. E. S. Lilly. 2,566,527, Sept. 4.
Drive. H. J. Findley. 2,559,416, July 3.
Drive and control for automatic musical instruments. P. T. Calamari and P. F. Murdock. 2,537,571, Jan. 9.
Drive arrangement. C. Gerst. 2,556,034, June 5.
Drive attachment for tools. T. B. Keesling. 2,566,211, Aug. 28.
Drive axle. L. R. Buckendale. 2,557,937, June 26.
Drive connection and stop. T. A. Green. 2,564,219, Aug. 14.
Drive control system for felt production. N. S. McKay, A. L. Clements, and F. J. Hicks. 2,574,580, Nov. 13.
Drive fastener. O. J. Poupitch. 2,559,570, July 3.
Drive fastening device, Self-locking. E. Gisondi. 2,550,060, Apr. 24.
Drive for air controlling grilles. A. B. Newton. 2,537,367, Jan. 9.
Drive for forge hammers. T. W. Howlett. 2,549,604, Apr. 17.
Drive for hollow glassware forming apparatus. A. T. Zappia. 2,565,749, Aug. 28.
Drive for machine tools, Reciprocatory. E. Y. Seborg. 2,573,368, Oct. 30.
Drive for magnetic-wire recorders. L. J. Holzman. 2,576,459, Nov. 27.
Drive for porcupine sheet-turnover rack with timing-adjusting means. E. R. Muddiman. 2,565,779, Aug. 28.
Drive for sawmill carriages. E. E. Washburn. 2,542,740, Feb. 20.
Drive for spinning and twister frames, Traverse motion. J. B. Goodgame. 2,548,719, Apr. 10.
Drive for tractors, Endless tread. G. B. Sherman and H. M. Clark. 2,541,943, Feb. 13.
Drive for transmitting power, Toothed. H. H. Vanderzee. 2,544,194, Mar. 6.
Drive for traverse mechanism. J. L. Killoran. 2,575,385, Nov. 20.
Drive gear chuck, Positive. A. Mackmann. 2,543,117, Feb. 27.
Drive gearing and electrodynamic brake control therefor, Differential. J. M. Colby. 2,560,554, July 17.
Drivehead grounding rod. G. C. Salmons. 2,547,176, Apr. 3.
Drive means for reciprocable type bars. I. Ghertman. 2,547,457, Apr. 3.
Drive mechanism. E. B. Offutt. 2,539,858, Jan. 30.
Drive mechanism. A. Reitberger. 2,553,521, May 15.
Drive mechanism. E. T. Sliwinski. 2,577,282, Dec. 4.
Drive mechanism. E. W. Worthington. 2,572,554, Oct. 23.
Drive mechanism, Camera. D. K. Warner, D. R. Martin, and E. L. Bellows. 2,569,031, Sept. 25.
Drive mechanism for a pair of shafts, Reversing and direct. R. L. Coan. 2,538,933, Jan. 23.
Drive mechanism for adjustable antennas. W. J. Smith, Jr. 2,540,696, Feb. 6.
Drive mechanism for egg beaters. F. R. Chester. 2,568,318, Sept. 18.
Drive mechanism for knitting machines. E. J. Berger and H. K. West. 2,540,645, Feb. 6.
Drive mechanism for shaker conveyers. C. E. Tibbals. 2,561,544, July 24.
Drive mechanism for tape facsimile apparatus. R. G. Thompson. 2,571,785, Oct. 16.
Drive mechanism for vehicles and connected implements. T. W. Paul. 2,575,466, Nov. 20.
Drive mechanism, Intermittent variable-speed. E. A. Wilckens and E. M. Magill. 2,552,246, May 8.
Drive mechanism, Ironing machine. W. H. Bradley. 2,565,199, Aug. 21.
Drive mechanism, Self-lubricating. G. C. Molotzak. 2,553,104, May 15.
Drive, Motor vehicle. O. R. Smith. 2,564,932, Aug. 21.
Drive, Multiple-speed. C. E. Swenson. 2,547,236, Apr. 3.
Drive release and brake for stitching machines. W. R. Spiller and L. D. Barley. 2,571,303, Oct. 16.
Drive shaft and brake assembly for vehicle drive wheels. L. Jacobi. 2,547,268, Apr. 3.
Drive shaft arrangement for driving steering wheels. R. Bouchard. 2,547,435, Apr. 3.
Drive shaft bushing assembly. T. C. Gerner. 2,540,515, Feb. 6.

Drive shaft bushing assembly. T. C. Gerner. 2,573,138, Oct. 30.
Drive shaft housing for outboard motors. E. C. Kiekhaefer. 2,555,548, June 5.
Drive, Surgical bone saw. J. E. Hawley. 2,557,429, June 19.
Drive synchronizing system, Double motor. J. H. Long. 2,543,787, Mar. 6.
Drive system for radio receivers, Manual. M. J. Pifer and A. D. Meyer. 2,548,120, Apr. 10.
Drive transmission for phonograph turntables, Two-speed friction. H. L. Hartman. 2,551,266, May 1.
Drive transmitting device. W. A. Scott. 2,549,247, Apr. 17.
Drive unit for automatic washing machines. H. D. Brotman. 2,548,940, Apr. 17.
Drive unit, Portable. F. Biszantz. 2,563,914, Aug. 14.
Drive unit, Resilient. N. E. Gee. 2,566,985, Sept. 4.
Driven well point. V. A. Endersby. 2,578,996, Dec. 18.
Driver unit for loud-speakers. S. E. Levy. 2,546,343, Mar. 27.
Driving and adjusting means for printing rollers in web printing machines. C. Luttenauer. 2,560,774, July 17.
Driving axle unit, Detachable. R. A. Beckwith. 2,570,191, Oct. 9.
Driving connection for watchmakers' lathes. A. Lopez. 2,552,682, May 15.
Driving device for imparting a combined rotary and reciprocating motion to a driven member. L. W. Graham. 2,545,080, Mar. 13.
Driving device for machine tools, Automatic. E. Ifanger. 2,558,252, June 26.
Driving differential. A. D. Robbins. 2,560,779, July 17.
Driving dog for lathes. O. E. Schurr. 2,545,050, Mar. 13.
Driving means for Axminster tube frame conveyer systems. W. Y. Robb. 2,537,549, Jan. 9.
Driving means for rotating combustion chambers. R. H. Goddard. 2,544,418, Mar. 6.
Driving mechanism. H. H. Merwin. 2,562,729, July 31.
Driving mechanism. C. R. Roche. 2,553,006, May 15.
Driving mechanism for accessories in transport vehicles. P. K. Beemer. 2,567,504, Sept. 11.
Driving mechanism for agitators. L. P. Hansen. 2,539,017, Jan. 23.
Driving mechanism for bicycles, Front-wheel. T. Saxer. 2,547,600, Apr. 3.
Driving mechanism for car accessories. P. K. Beemer and H. O. Fuchs. 2,567,866, Sept. 11.
Driving mechanism for centrifugal separators. J. E. Tholl. 2,551,980, May 8.
Driving mechanism for hair clippers. H. E. Meltzer. 2,549,221, Apr. 17.
Driving mechanism for motor vehicles and mounting therefor, Two axle. L. F. Stone. 2,567,657, Sept. 11.
Driving mechanism for rotary switches. Y. J. G. Juillard. 2,538,004, Jan. 16.
Driving mechanism for the rubbing motion of tape condensers of carder engines. I. Marsden. 2,539,028, Jan. 23.
Driving mechanism for vehicles. H. B. Grangroth, L. D. Leach, and J. B. Noll. 2,555,881, June 5.
Driving mechanism for walking seam conveyers. S. Marvin and W. H. Orth. 2,580,114, Dec. 25.
Driving mechanism, Motor vehicle. B. W. Keese. 2,556,194, June 12.
Driving mechanism with pilot control. F. B. Small. 2,569,586, Oct. 2.
Driving rod for tumbler disk driving gears. H. Rinia and F. L. van Weenen. 2,554,121, May 22.
Drop-bottom gondola car door. J. S. Swann. 2,554,427, May 22.
Drop bottom mine car. R. A. Shields. 2,558,710, June 26.
Drop bottom mine car. R. A. Shields and R. C. Kepner. 2,542,437, Feb. 20.
Drop device. S. Kirschenbaum. 2,576,403, Nov. 27.
Drop end gondola car. O. Ingram. 2,553,457, May 15.
Drop end gondola car. O. Ingram. 2,567,287, Sept. 11.
Drop former bottle cap. R. L. Thonen. 2,560,998, July 17.
Drop-leaf table. F. Giberson. 2,537,128, Jan. 9.
Drop-leaf table. D. A. Wallance. 2,563,891, Aug. 14.
Drop table. L. Richardson. 2,537,372, Jan. 9.
Drop wire. T. E. Watson. 2,566,471, Sept. 4.
Drum. R. W. Livingston. 2,563,346, Aug. 7.
Drum and cable and hydraulic governor means therefor, Fire escape. J. L. Holley. 2,553,090, May 15.
Drum beater. J. R. Ramsey. 2,551,635, May 8.
Drum beating mechanism. W. F. Ludwig. 2,540,051, Jan. 30.
Drum, Expansible. G. E. Kentis, Jr. 2,564,482, Aug. 14.
Drum filter medium. C. L. and C. J. Peterson and B. Burwell. 2,547,969, Apr. 10.
Drum for dewatering suspensions, Screening. K. R. Lindblad. 2,537,414, Jan. 9.
Drum for time controlled mechanism. E. H. Pitney. 2,564,228, Aug. 14.
Drum handling device for lift trucks. B. R. Coupland and H. J. Black. 2,545,021, Mar. 13.
Drum, Heating. H. J. McDermott. 2,547,086, Apr. 3.
Drum reactor, Rotary. E. G. Judd. 2,559,441, July 3.
Drum stop and gripper actuator for duplicating apparatus. G. R. Robinson. 2,558,157, June 26.
Drum switch. R. T. Basnett. 2,565,114, Aug. 21.
Drum, Telescoping. V. V. Kmieliauskas. 2,546,452, Mar. 27.
Drum type abrading device. W. H. Van Zomeren. 2,580,140, Dec. 25.
Dual compartment liquid holding and dispensing container. H. Keskitalo. 2,554,302, May 22.
Dual container. J. C. Thompson. 2,540,846, Feb. 6.
Dual control for the throttle and reversing means of pressure fluid engines. C. H. Cosnett. 2,548,198, Apr. 10.
Dual control of differential mechanism for accounting machines. R. J. Moser. 2,551,690, May 8.
Dual control switch. F. G. Beuer. 2,546,847, Mar. 27.
Dual extraction of grease, glue, and gelatin. R. S. Tour. 2,562,221, July 31.
Dual fuel engine. P. S. Shirley. 2,555,818, June 5.
Dual fuel internal-combustion engine. J. H. Holloway and K. G. Jones. 2,569,002, Sept. 25.
Dual hopper trap. R. Linington. 2,573,463, Oct. 30.
Dual movement electrical meter. K. J. Knudsen. 2,539,143, Jan. 23.
Dual potential unbalance responsive device. W. C. Morris. 2,575,925, Nov. 20.
Dual pump. E. J. Senninger. 2,575,074, Nov. 13.
Dual tire gauge. G. E. Trimmer. 2,566,435, Sept. 4.
Dual tire valve. H. N. Wheeler. 2,539,938, Jan. 30.
Dual wheel lug wrench. C. A. Pechacek. 2,574,156, Nov. 6.
Duck call. F. J. Muehlstein. 2,555,240, May 29.
Duck call. J. J. Priess. 2,555,813, June 5.
Duck call, Plural tone. R. J. Fahey. 2,551,367, May 1.
Duck call, Variable tone. L. Bicocchi. 2,556,388, June 12.
Duck caller. R. Wemmer, Sr. 2,564,942, Aug. 21.
Duck decoy, Wild. E. C. and E. L. Keep. 2,546,189, Mar. 27.
Duct. F. A. Greenwald. Re. 23,317, Jan. 2.
Duct intake or entry for gaseous fluid flow diffuser system. I. M. Davidson. 2,573,834, Nov. 6.
Duct slip joint. J. A. Morrison. 2,565,737, Aug. 28.
Ducted spinner inlet. T. E. Grimac. 2,575,415, Nov. 20.
Ductible cast iron, Producing. C. M. Offenhauer. 2,538,263, Jan. 16.
Dull bit indicator. W. J. Bielstein. 2,560,328, July 10.
Dull bit indicator. M. E. True. 2,562,833, July 31.
Dull bit indicator. J. R. Yancey. 2,549,278, Apr. 17.
Dummy calf. D. A. Nogle. 2,560,657, July 17.
Dummy for athletic training, Portable. R. F. Logan. 2,574,046, Nov. 6.
Dump bailer. R. J. Klaasen and E. M. Olsen. 2,572,493, Oct. 23.
Dump body for trucks. P. M. Oliver. 2,542,425, Feb. 20.
Dump body for trucks, Shiftable. R. A. Fontaine. 2,552,627, May 15.
Dump body lift. W. G. Frenzel. 2,549,900, Apr. 24.
Dump bottom for calandria vacuum pans. J. Mair. 2,538,113, Jan. 16.
Dumpcart. J. Grewe. 2,546,030, Mar. 20.
Dumper, Rotary car. R. L. Glover. 2,542,660, Feb. 20.
Dumping apparatus for vehicles. H. Henke. 2,553,454, May 15.
Dumping control for scrapers. K. E. Reischl. 2,560,597, July 17.
Dumping device. D. R. Corning. 2,539,507, Jan. 30.
Dumping mechanism. H. C. Smith and J. C. Petrea. 2,579,708, Dec. 25.
Dumping mechanism for mobile loading apparatus. H. O. Day. 2,542,799, Feb. 20.
Dunnage apparatus, Adjustable. E. Donnelley. 2,575,751, Nov. 20.
Dunnaging device. H. E. Wiggin. 2,559,240, July 3.
Duplex covered mail and news box. R. W. Gieseler. 2,578,692, Dec. 18.
Duplex heater. E. Esson. 2,578,927, Dec. 18.
Duplex rail assembling elevator. H. C. Wauson and W. E. Bennett, Jr. 2,579,060, Dec. 18.
Duplex thermostatic valve. H. S. Duey. 2,575,100, Nov. 13.
Duplexing system, Signal wave. D. H. Ring. 2,547,539, Apr. 3.
Duplicating attachment for lathes. A. P. Waterson. 2,559,138, July 3.
Duplicating machine. L. H. Peevey. 2,539,969, Jan. 30.
Duplicating machine feed construction. A. H. Geib. 2,558,046, June 26.
Duplicating machine, Liquid process. G. J. Rundblad. 2,573,810, Nov. 6.
Duplicator attachment for stiff ledger sheets. W. Eichenbaum. 2,571,551, Oct. 16.
Dust collecting apparatus. D. W. Kestell. 2,573,768, Nov. 6.
Dust collector. F. N. Niederkorn. 2,546,558, Mar. 27.
Dust collector. G. C. Polk. 2,544,395, Mar. 6.
Dust collector. R. A. Pringle. 2,574,412, Nov. 6.
Dust collector and separator, Portable. C. O. Vallas. 2,540,919, Feb. 6.
Dust collector filter. G. H. Vokes. 2,575,148, Nov. 13.
Dust collector for tile cutting machines and the like. C. A. Martin. 2,565,510, Aug. 28.
Dust filter. H. J. Hersey, Jr. 2,551,126, May 1.
Dust filter. H. J. Hersey, Jr. 2,559,428, July 3.
Dust filter. H. J. Hersey, Jr. 2,573,844, Nov. 6.
Dust guard for journal boxes. A. O. Buckius. 2,564,095, Aug. 14.
Dustpan. C. Gabel. 2,544,014, Mar. 6.

Dustpan. G. M. Schlutz. 2,553,727. May 22.
Dustproof box. R. A. Ohlson. 2,550,493, Apr. 24.
Dust receptacle. K. R. Space. 2,564,822, Aug. 21.
Dust recovery. F. M. Parker. 2,578,315, Dec. 11.
Dust separator. A. H. Davis and C. N. Hay. 2,542,634, Feb. 20.
Duster. W. M. Spreng. 2,545,829, Mar. 20.
Duster and blower, Combined. V. A. Potholm. 2,547,718, Apr. 3.
Duster, Dough piece controlled flour. H. C. Rhodes. 2,579,514, Dec. 25.
Dusting device. H. E. Brandt. 2,569,369, Sept. 25.
Dusting device, Plant. V. Walters. 2,554,432, May 22.
Dusting machine. R. R. Root. 2,558,914, July 3.
Dusting machine. G. C. Van Kessel. 2,572,542, Oct. 23.
Dye fixing product and process and treatment of textiles therewith. M. J. Spangler. 2,576,241, Nov. 27.
Dye padder having vertically or horizontally disposed squeeze rolls. J. Dungler. 2,576,927, Dec. 4.
Dye-printing blank. Mordanted imbibtion. W. J. Weyerts. 2,548,575, Apr. 10.
Dyestuff and producing the same, Metallized azo. H. H. Bestehorn. 2,539,178, Jan. 23.
Dyestuff compositions comprising esterified vat dyes and basic pyrazolones. J. Taras. 2,540,799, Feb. 6.
Dyestuff ethers. G. F. Duffin and J. D. Kendall. 2,556,527, June 12.
Dyestuff preparations. A. Topham. 2,559,807, July 10.
Dyestuff preparations for printing. A. Topham. 2,559,808–9, July 10.
Dyestuff purification. J. W. Mayers. 2,564,225, Aug. 14.
Dyestuffs. S. Coffey, D. A. W. Fairweather, D. E. Hathway, and F. H. Slinger. 2,563,819, Aug. 14.
Dyestuffs. H. France and N. H. Haddock. 2,576,293, Nov. 27.
Dyestuffs from phthalimide derivatives. W. O. Jones. 2,537,352, Jan. 9.
Dyestuffs, Manufacture of. A. C. Robson and F. H. Slinger. 2,553,475, May 15.
Dyestuffs of the anthraquinone series. A. Peter and J. Günthart. 2,580,190, Dec. 25.
Dyestuffs of the anthraquinone series. S. Von Allmen, E. Gutzwiller, and J. Günthart. 2,559,330, July 3.
Dyestuffs of the anthraquinone series and their manufacture. S. von Allmen and H. Eggenberger. 2,541,623, Feb. 13.
Dyestuffs of the naphthoquinone-imine series and making same, Water-soluble. V. Kartaschoff. 2,553,047, May 15.
Dyestuffs, Vat. E. Moergeli. 2,567,822, Sept. 11.
Dyeing animal and other fibers having similar properties. R. Casty. 2,552,404, May 8.
Dyeing animal fibers. S. M. Peck. 2,539,202, Jan. 23.
Dyeing beam. S. Jackson. 2,565,729, Aug. 28.
Dyeing, bleaching, and treating living hair. R. Samel and M. Wotzilka. 2,577,921, Dec. 11.
Dyeing fur skins with insoluble azo dyestuffs. W. Kirst. 2,553,375, May 15.
Dyeing machine. F. C. Neu. 2,573,047, Oct. 30.
Dyeing of textile materials by the use of light-sensitive diazo salts. S. C. Slifkin. 2,537,097, Jan. 9.
Dyeing of vinyl and vinylidene resins with acid dyes dissolved in certain glycol ethers and esters. J. A. Woodruff. 2,537,177, Jan. 9.
Dyeing only the cellulose acetate ends of a mixed fabric using a dye paste comprising a swelling agent for the cellulose acetate. B. J. Goldsmith and W. H. Hindle. 2,573,705, Nov. 6.
Dyeing spun cellulose derivative staple fibers in alcoholic solutions and then skying. W. T. Normand and W. J. Cramer, Jr. 2,552,807, May 15.
Dyeing textile materials made from vinyl halide-acrylonitrile resins at high temperatures in the presence of moisture. T. A. Feild, Jr. and A. G. Schoonover. 2,543,316, Feb. 27.
Dyeing vinyl resin textile articles. T. A. Field, Jr. 2,577,846, Dec. 11.
Dyes. J. Wright. 2,563,091, Aug. 7.
Dyes of the thiophanthraquinone series. H. E. Schroeder and L. A. Ringrose. 2,559,674, July 10.
Dynamic balance indicating system. E. C. Ingraham. 2,557,659, June 19.
Dynamic balancing machine. G. Pascoe and D. Doig. 2,536,566, Jan. 2.
Dynamic braking for electrically driven machines. V. P. Harvey and G. F. W. Powell. 2,560,288, July 10.
Dynamic braking of a single direct-current series motor. J. D. Leitch and P. G. White. 2,575,021, Nov. 13.
Dynamic lubrication of mechanical linkages employed in electrical analogues. B. D. Lee. 2,569,818, Oct. 2.
Dynamic noise and scratch suppression. A. D. Bielek. 2,541,326, Feb. 13.
Dynamic pyrolytic plating process. A. O. Fink. 2,576,289, Nov. 27.
Dynamically balanced weight system. F. W. Lee. 2,556,199, June 12.
Dynamoelectric apparatus. T. D. Bowes, F. Schulte, and C. C. Hutchins. 2,563,577, Aug. 7.
Dynamoelectric machine. E. L. Barrett. 2,553,292, May 15.
Dynamoelectric machine. M. E. Bennett. 2,550,443, Apr. 24.
Dynamoelectric machine. E. Bretch. 2,538,410, Jan. 16.
Dynamoelectric machine. J. W. Clokey. 2,575,705, Nov. 20.
Dynamoelectric machine. H. G. Haas. 2,540,202, Feb. 6.
Dynamoelectric machine. C. J. Koch. 2,536,815, Jan. 2.
Dynamoelectric machine. I. W. Kureth. 2,550,013, Apr. 24.
Dynamoelectric machine. A. H. Midgley. 2,566,238, Aug. 28.
Dynamoelectric machine. R. V. Seifried. 2,543,131, Feb. 27.
Dynamoelectric machine. H. M. Stephenson. 2,548,633, Apr. 10.
Dynamoelectric machine. G. C. Stoddard. 2,561,890, July 24.
Dynamoelectric machine. L. S. Vermillion. 2,564,741, Aug. 21.
Dynamoelectric machine. L. W. Wightman. 2,559,382, July 3.
Dynamoelectric machine and making same. V. K. Smith. 2,565,530, Aug. 28.
Dynamoelectric machine, Commutated. J. C. and W. I. Macfarlane. 2,562,052, July 24.
Dynamoelectric machine core mounting. H. D. Taylor. 2,554,226, May 22.
Dynamoelectric machine, Explosion-proof. H. D. Else and D. E. Fritz. 2,542,016, Feb. 20.
Dynamoelectric machine, Hysteresis. H. C. Roters. 2,547,599, Apr. 3.
Dynamoelectric machine rotor and winding. H. D. Taylor. 2,575,932, Nov. 20.
Dynamoelectric machine utilizing a single cooling fan, Totally enclosed. S. Beckwith. 2,573,383, Oct. 30.
Dynamoelectric machine, Vertical-shaft. J. V. Caputo. 2,557,075, June 19.
Dynamoelectric machine winding. P. L. Alger. 2,559,335, July 3.
Dynamoelectric machine windings, Making. E. J. Flynn and C. E. Kilbourne. 2,570,786, Oct. 9.
Dynamoelectric machinery, Ventilated. F. O. Luenberger. 2,545,855, Mar. 20.
Dynamoelectric machines in parallel, Direct-current. J. M. Pestarini. 2,570,005, Oct. 2.
Dynamometer, Column type force measuring. A. C. Ruge. 2,576,417, Nov. 27.
Dynamometer for use with brake-testing apparatus. J. S. Ward, W. C. Johnson, H. A. Trishman, and E. H. Stratton. 2,554,162, May 22.
Dynamometer, Ring. J. M. Oberholtzer. 2,550,588, Apr. 24.
Dynamometer, Ring type force measuring. A. C. Ruge. 2,561,318, July 17.
Dynamometer system. F. G. Kelly. 2,572,626, Oct. 23.
Ear clip. S. A. Wittmayer. 2,537,500, Jan. 9.
Ear clip. S. A. Wittmayer. 2,551,654, May 8.
Ear muff arrangement for caps. M. W. Mougel. 2,572,746, Oct. 23.
Earphone device, Electrical. G. D. Chichester. 2,565,591, Aug. 28.
Earplug. M. J. Thomas. 2,538,339, Jan. 16.
Ear protector. C. N. Heflin. 2,570,675, Oct. 9.
Ear protector. D. Mezz. 2,573,923, Nov. 6.
Ear protector. M. C. Rosenblatt. 2,574,288, Nov. 6.
Earring. W. E. Lawson, Jr., and W. E. Lawson, Sr. 2,550,828, May 1.
Earring, Adjustable. A. J. Pujol. 2,557,200, June 19.
Earring, Illuminated. E. W. Gaffield. 2,546,945, Mar. 27.
Ear trimmer, Animal. H. E. Jensen. 2,556,036, June 5.
Early warning relay system. D. Sarnoff. 2,571,386, Oct. 16.
Earth anchor. W. J. Binkley. 2,538,409, Jan. 16.
Earth anchor. H. R. Ogburn. 2,576,412, Nov. 27.
Earth auger. W. L. Hollander. 2,571,244, Oct. 16.
Earth auger. G. A. Petersen. 2,578,014, Dec. 11.
Earth boring apparatus. A. G. Bodine, Jr. 2,554,005, May 22.
Earth-boring apparatus. H. Danuser. 2,557,637, June 19.
Earth mover. L. L. Hyler. 2,565,499, Aug. 28.
Earth-moving apparatus. E. V. Collins. 2,578,128, Dec. 11.
Earth-moving machine. R. E. Sherwood. 2,546,907, Mar. 27.
Earth-pot press. G. N. Pettersen. 2,560,980, July 17.
Earth scraper and scarifier, Combination. R. C. Gannon. 2,578,131, Dec. 11.
Earth scraping, transporting, spreading, and leveling apparatus. C. L. Evans. 2,554,698, May 29.
Earth terracer with variable-speed transmission. E. V. Collins. 2,578,127, Dec. 11.
Earthworking roller unit. T. G. Schmeiser. 2,538,167, Jan. 16.
Easel. C. B. Goodstein. 2,550,550, Apr. 24.
Easel. G. E. Nichols. 2,563,357, Aug. 7.
Easel. G. W. Turnbull. 2,547,182, Apr. 3.
Easel, Distorting. B. Abbott. 2,565,446, Aug. 21.
Easel, Folding. J. W. Mamer. 2,550,279, Apr. 24.
Easel kit, Folding. H. Kaplan. 2,565,078, Aug. 21.
Easel, Photographic. B. B. Mahler. 2,572,168, Oct. 23.
Easel, Table. G. W. Moore. 2,568,354, Sept. 18.
Easy eel holder. R. G. Morris. 2,547,592, Apr. 3.
Easy line bolt. J. P. Dry. 2,576,003, Nov. 20.
Easy-pour gallon supporter. H. Okunami. 2,554,875, May 29.
Eave trough cover. J. Lipshaw. 2,569,568, Oct. 2.

Eaves trough bracket. L. L. Ramser, Jr. 2,565,090, Aug. 21.
Eaves trough hanger. A. Cohn. 2,550,780, May 1.
Eccentric adjusting mechanism. G. O. Conner. 2,547,197, Apr. 3.
Eccentric crank pin mounting. E. W. Patterson. 2,576,765, Nov. 27.
Eccentric duplex briquetting press. A. J. Roubal. 2,558,693, June 26.
Eccentric magnetic suspension. W. N. Gittings. 2,578,419, Dec. 11.
Eccentric roller type clutch. H. J. Luehrs. 2,554,305, May 22.
Echo distance measuring circuit. J. L. Russell. 2,572,668, Oct. 23.
Echo ranging apparatus. H. T. Winchel. 2,539,001, Jan. 23.
Echo ranging system. R. A. Fryklund. 2,561,851, July 24.
Echo suppression in transmission lines. W. D. Lewis. 2,560,806, July 17.
Economizer. R. H. Heiger and O. C. Keller. 2,537,347, Jan. 9.
Economizer. R W. Sloane. 2,569,782, Oct. 2.
Economizer for use with oil fired forced draft domestic heating furnaces. W. J. Carlson. 2,575,862, Nov. 20.
Economizer unit. C. W. Gray. 2,570,661, Oct. 9.
Economy hog feeder. A. F. Turner. 2,536,787, Jan. 2.
Eddy current device. J. G. Oetzel. 2,538,797, Jan. 23.
Eddy current heating of rotors. A. B. White and R. B. Jacobs. 2,566,274, Aug. 28.
Edge binding and counter construction for moccasins. W. A. Foster. 2,548,961, Apr. 17.
Edge-coating and bending sheet material. W. R. Wright. 2,566,151, Aug. 28.
Edge construction. M. Clements. 2,542,860, Feb. 20.
Edge finishing machine. E. C. Oberstar. 2,550,289, Apr. 24.
Edge-gluing of veneer. A. C. Carlson. 2,544,133, Mar. 6.
Edge-lighted sign. J. A. Howenstine and K. F. Smith. 2,564,110, Aug. 14.
Edge position detector. D. T. Gundersen and L. A. Weinecke. 2,539,131, Jan. 23.
Edgewound resistor. M. W. Griffes and C. W. Merchant. 2,560,690, July 17.
Edging and polishing machine. T. E. Pillow. 2,560,740, July 17.
Edging device for sheet material. C. J. Melby. 2,562,728, July 31.
Edging machine. S. H. Coddington and W. Merry. 2,578,337, Dec. 11.
Edging sheets and plates. E. C. Oberstar and S. G. Coleman. 2,576,887, Nov. 27.
Edging tool. M. D. McCauley. 2,560,882, July 17.
Edible plastics, Manufacture of. C. E. Nelson and E. K. Kuhles. 2,557,135, June 19.
Educational apparatus for teaching obstetrics and midwifery. J. O. Graves. 2,551,433, May 1.
Educational appliance. H. A. Rosen. 2,574,064, Nov. 6.
Educational construction unit. J. A. Cozzone. 2,546,979, Apr. 3.
Educational device. H. A. Engelhardt. 2,547,259, Apr. 3.
Educational device. T. W. Jones. 2,546,543, Mar. 27.
Educational device. A. E. Schielke. 2,546,789, Mar. 27.
Educational device, cabinet, and easel, Combined. A. M. Phillipson, P. M. Niersbach, and G. H. Thompson. 2,540,344, Feb. 6.
Educational device for teaching arithmetic. A. Hopper. 2,564,976, Aug. 21.
Educational head structure with shiftable vocal members. F. F. Olson. 2,574,838, Nov. 13.
Effecting cable joints. V. L. Garrison. 2,571,857, Oct. 16.
Effecting catalytic conversion. H. V. Atwell. 2,553,398, May 15.
Effecting catalytic reactions, Process and apparatus for. R. A. Beck and A. J. Millendorf. 2,540,706, Feb. 6.
Effecting chemical reactions with solid catalyst particles, Process and apparatus for. L. H. Beckberger. 2,566,159, Aug. 28.
Effecting contact in a pebble heater. H. H. Morse. 2,555,052, May 29.
Effecting continuous sulfuric acid digestion of titaniferous material, Method and apparatus for. E. W. Andrews. 2,557,528, June 19.
Effecting print roll register in multicolor printing presses. A. M. Bojanower and R. D. Spearman. 2,570,045, Oct. 2.
Effecting self-regulated partial condensation of condensable vapors, Method and apparatus for. H. M. Rivers. 2,549,388, Apr. 17.
Effecting thermal diffusion, Method of and apparatus for. P. J. W. Debye. 2,567,765, Sept. 11.
Effecting transverse parallel plane scanning of the rotary drum. F. W. Jarvis. 2,574,872, Nov. 13.
Efficiency indicator. A. B. Echols, Jr. 2,540,192, Feb. 6.
Egg boiler. F. E. Hummel. 2,572,934, Oct. 30.
Egg breaker. J. W. Gruss. 2,548,667, Apr. 10.
Egg case. J. R. Grant. 2,578,060, Dec. 11.
Egg cleaning machine, Automatic. C. C. Powell. 2,554,878, May 29.
Egg cooler. W. G. Sebold. 2,545,052, Mar. 13.
Egg packing material. T. H. Alfreds. 2,560,402, July 10.
Egg pasteurization. C. H. Koonz and F. L. Kauffman. 2,565,311, Aug. 21.
Egg tumbling mechanism for egg cleaning machines. D. G. Austin. 2,568,693, Sept. 25.
Egg washer. L. R. Dolson and G. Stone. 2,574,252, Nov. 6.
8-alkyl sulfonamidoethyl-n-substituted saturated heterocyclic developers. J. R. Thirtle and A. Weissberger. 2,566,259, Aug. 28.
8-hydroxy-1-methyl-1,2,3,4 - tetrahydroquinoline dimethyl urethanes. J. H. Gardner and J. R. Stevens. 2,566,723, Sept. 4.
8-hydroxy quinoline, Manufacture of. W. R. Ashford. 2,561,553, July 24.
Ejecting device. S. Kleinhans. 2,552,181, May 8.
Ejector and thread clamp. W. Schweiter. 2,573,367, Oct. 30.
Ejector for slat cutting machines. M. Royer. 2,569,197, Sept. 25.
Ejector in refrigeration system, Multiple stage. L. F. Whitney. 2,566,864, Sept. 4.
Ejector mechanism for cutting cylinders. W. L. Hart. 2,546,069, Mar. 20.
Ejector mechanism for heading and like machines. D. G. Broscomb. 2,547,304, Apr. 3.
Elastic fastening means for spectacle lenses. A. Santa. 2,575,731, Nov. 20.
Elastic fluid turbine. E. G. Sterland. 2,573,621, Oct. 30.
Elastic fluid turbine connection. T. W. F. Brown and H. G. Yates. 2,565,648, Aug. 28 .
Elastic organopolysiloxanes prepared with the aid of a boron hydride. M. M. Safford and D. T. Hurd. 2,558,561, June 26.
Elastic railway car wheel. T. Eklund. 2,540,571. Feb. 6.
Elastic time division multiplex system. C. B. H. Feldman. 2,548,661, Apr. 10.
Elastic web. A. Schiappa. 2,557,315, June 19.
Elastomer coin receptacle. L. L. Headrick. 2,578,134, Dec. 11.
Elastomeric polysiloxanes and preparing them, utilizing tertiary butyl peracetate. E. L. Warrick. 2,572,227, Oct. 23.
Elbow and lock mechanism for artificial arms. G. M Motis. 2,553,830, May 22.
Elbow protector. R. J. Fick. 2,550,461, Apr. 24.
Electric accumulators. M. Barak. 2,575,088, Nov. 13.
Electric annealing apparatus. W. J. Willenborg. 2,574,606, Nov. 13.
Electric annealing furnace. J. J. Stordy. 2,547,795, Apr. 3.
Electric ant and roach trap. A. J. Gardenhour. 2,558,080, June 26.
Electric apparatus for cleaning oil. G. W. Penney and G. W. Hewitt. 2,542,054. Feb. 20.
Electric apparatus for melting refractory metals. S. A. Herres and J. A. Davis. 2,541,764, Feb. 13.
Electric automatic soldering iron. T. A. Smoke. 2,558,009, June 26.
Electric blanket control. H. C. Anderson and K. T. Sutton. 2,543,620, Feb. 27.
Electric blanket control. G. C. Crowley. 2,549,432, Apr. 17.
Electric brakes. F. McCurtain. 2,565,038, Aug. 21.
Electric bulb handling device. C. D. Mozena. 2,556,701, June 12.
Electric bus support. N. Swerdlow and G. G. Abel. 2,570,885, Oct. 9.
Electric-cable fitting. M. B. Austin, Jr. 2,538,614, Jan. 16.
Electric carburetor heater. A. Kimmell. 2,576,401, Nov. 27.
Electric cattle guard. O. Adkins. 2,555,180, May 29.
Electric cell. R. Bloch. 2,566,114, Aug. 28.
Electric chopper circuit. A. F. Bischoff. 2,575,904, Nov. 20.
Electric circuit. A. J. Brouwer. 2,561,048, July 17.
Electric circuit breaker of bushing type. G. Yabuno, H. Maki, S. Ajima, M. Kuwayama, and T. Ando. 2,562,160, July 24.
Electric circuit interrupter. T. R. Coggeshall. 2,570,769, Oct. 9.
Electric communication cable. J. F. Morley and S. G. Foord. 2,576,134, Nov. 27.
Electric condenser. R. M. Barnard and W. J. Stray. 2,579,462, Dec. 25.
Electric condenser. B. O. N. Hansson. 2,569,306, Sept. 25.
Electric contact breaker. A. Teruzzi. 2,550,623, Apr. 24.
Electric contact-controlling device. B. B. Grace. 2,543,014, Feb. 27.
Electric contact device for variable current. F. Kesselring. 2,570,062, Oct. 2.
Electric contactor and arc extinguisher therefor. L. R. Ranson. 2,550,718, May 1.
Electric contacts. J. F. Barry. 2,576,437, Nov. 27.
Electric control for door opening and closing mechanisms. B. A. Andrews. 2,558,032, June 26.
Electric control switch. G. F. Dales. 2,568,323, Sept. 18.
Electric control system. J. J. Meadows. 2,570,831, Oct. 9.
Electric control system. H. S. Ogden. 2,561,220, July 17.
Electric control system for heating of enclosures. E. M. Callender. 2,556,065, June 5.

Electric controlling apparatus. R. A. Andrews. 2,555,103, May 29.
Electric controlling apparatus. F. G. Logan. 2,558,572, June 26.
Electric cord adjusting reel. B. O. Fanslow. 2,576,335, Nov. 27.
Electric cord plug. V. Aimé. 2,543,951, Mar. 6.
Electric crucible. F. Salvador. 2,536,229, Jan. 2.
Electric current distributing system. R. F. G. Hamilton. 2,567,476, Sept. 11.
Electric current producing cell. S. Ruben. 2,571,616, Oct. 16.
Electric current rectifier. F. R. Quinn. 2,541,832, Feb. 13.
Electric device, Light-sensitive. W. H. Brattain. 2,537,255–7, Jan. 9.
Electric discharge device. J. M. Ferguson and R. D. Ball. 2,554,733, May 29.
Electric discharge device. E. B. Noel. 2,568,459, Sept. 18.
Electric discharge device. D. L. Smart. 2,573,618–19, Oct. 30.
Electric discharge device. W. H. Teare. 2,541,842, Feb. 13.
Electric discharge device and cavity resonator apparatus therefor, Ultra high frequency. N. T. Lavoo and A. M. Gurewitsch. 2,550,485, Apr. 24.
Electric discharge devices, Ultra high frequency. W. J. Scott and R. Latham. 2,557,771, June 19.
Electric discharge lamp. E. E. Miles. 2,542,345, Feb. 20.
Electric discharge lamp. E. H. Nelson and E. B. Power. 2,549,328, Apr. 17.
Electric discharge lamp. A. H. Willoughby. 2,561,898, July 24.
Electric discharge switch. P. Lemaigre-Voreaux. 2,542,149, Feb. 20.
Electric discharge tube. J. N. Hiensch and J. R. Beers. 2,562,163, July 31.
Electric discharge tube. G. H. Hough. 2,553,585, May 22.
Electric discharge tube. J. L. H. Jonker and B. O. M. Gall. 2,538,873, Jan. 23.
Electric discharge tube. A. J. W. M. van Overbeek. 2,537,923, Jan. 9.
Electric discharge tube. A. J. W. M. van Overbeek. 2,538,714, Jan. 16.
Electric discharge tube. C. F. Veenemans. 2,549,949, Apr. 24.
Electric discharge tubes, Manufacturing. J. G. Kronouer. 2,558,491, June 26.
Electric discharge valve. M. Ponte. 2,544,104, Mar. 6.
Electric dog training device. C. G. W. Dierking. 2,579,178, Dec. 18.
Electric door lock. M. J. Tassin. 2,561,076, July 17.
Electric dry shaver. J. Streng. 2,561,241, July 17.
Electric enamel furnace. R. E. Skinner and G. H. McIntyre. 2,559,683, July 10.
Electric energy control system. P. O. Ahlen. 2,561,329, July 24.
Electric feeler mechanism for filling detection in looms. R. G. Clark. 2,548,348, Apr. 10.
Electric fishing signal. C. E. Kronquest. 2,554,197, May 22.
Electric food mixer. D. W. Houston, Jr. 2,562,790, July 31.
Electric fuel igniter. W. D. Hall. 2,549,806, Apr. 24.
Electric furnace. R. R. Saffell. 2,555,609, June 5.
Electric furnace. T. M. Wymore. 2,545,231, May 22.
Electric gaseous discharge device electrode. H. H. Homer. 2,560,953, July 17.
Electric gate. J. H. Wood. 2,540,562, Feb. 6.
Electric gauge. H. J. Hauck and G. A. Highberg. 2,579,569, Dec. 25.
Electric glass filament furnace. E. Altman. 2,540,415, Feb. 6.
Electric glass furnace. P. Arbeit. 2,538,956, Jan. 23.
Electric glass furnace. E. V. Borel and J. A. Cardot. 2,552,395, May 8.
Electric glass furnace. R. E. Lambert. 2,545,619, Mar. 20.
Electric heater. I. G. Glenn. 2,577,080, Dec. 4.
Electric heater. N. W. Hatker. 2,565,769, Aug. 28.
Electric heater. S. A. Oakley. 2,546,315, Mar. 27.
Electric heating. C. Adams. 2,550,751, May 1.
Electric heating apparatus. J. H. Clawson. 2,542,629, Feb. 20.
Electric heating system. R. S. Tice. 2,540,465, Feb. 6.
Electric ignition apparatus. W. B. Smits. 2,563,625, Aug. 7.
Electric impulse handling system. E. E. Turner, Jr. 2,559,905, July 10.
Electric indicating apparatus. K. T. Källe. 2,551,008, May 1.
Electric induction apparatus. F. R. D'Entremont. 2,544,658, Mar. 13.
Electric induction apparatus. C. W. Kronmiller. 2,553,591, May 22.
Electric induction apparatus. M. O. Marsh. 2,547,649, Apr. 3.
Electric induction furnace. W. J. Bohnet and G. D. Bagley. 2,570,311, Oct. 9.
Electric insulator having potential drop controlling means. G. Perrins. 2,576,723, Nov. 27.
Electric iron. A. Amuchastegui. 2,574,856, Nov. 13.
Electric iron. J. K. Moyer. 2,554,341, May 22.
Electric iron. C. H. Sparklin. 2,541,119, Feb. 13.
Electric iron. C. H. Sparklin. 2,567,975, Sept. 18.
Electric iron. E. A. Weiland. 2,567,138, Sept. 4.
Electric iron cord support. O. B. Gross. 2,543,239, Feb. 27.
Electric lamp. R. K. Braunsdorff. 2,543,093, Feb. 27.
Electric-light service indicator. J. M. Cesár. 2,580,074, Dec. 25.
Electric load regulator. A. J. Kercher. 2,573,846, Nov. 6.
Electric logging while drilling, Continuous. J. J. Arps and O. W. Ward. 2,557,168, June 19.
Electric low and high-voltage fuses. F. H. Turnham and E. W. Garrison, Jr. Re. 23,400, Aug. 14.
Electric machine, Commutator. J. F. G. Petit. 2,552,863, May 15.
Electric make-and-break device. R. Tucker. 2,542,734, Feb. 20.
Electric marking machine. C M. Elstad. 2,569,807, Oct. 2.
Electric mattress heater. D. Mitnowsky. 2,565,390, Aug. 21.
Electric motor. S. S. Brown. 2,556,573, June 12.
Electric motor. L. J. F. Ell. 2,570,222, Oct. 9.
Electric motor. J. H. Kuhlmann. 2,539,144, Jan. 23.
Electric motor. R. F. Stehlik. 2,538,216, Jan. 16.
Electric motor. R. H. Sullivan, V. H. Hardy, and H. C. Porter. 2,545,715, Mar. 20.
Electric motor brake. E. L. Hoffmann. 2,539,836, Jan. 30.
Electric motor control device, Retarded action. M. G. Townsley and W. Mack. 2,537,288, Jan. 9.
Electric motor control system. W. K. Ergen. 2,538,415, Jan. 16.
Electric motor-driven agitator. R. H. Andresen. 2,552,023, May 8.
Electric motor indexing and reversing circuit. H. H. Olsen. 2,537,155, Jan. 9.
Electric motor terminal block. P. Blair. 2,552,028, May 8.
Electric motors and operating motors. S. S. Brown. 2,543,149, Feb. 27.
Electric oil well heater. S. A. Germain. 2,548,360, Apr. 10.
Electric outlet and box construction. I. A. Paige. 2,556,977, June 12.
Electric outlet box connector. L. D. Ells and L. D. McJilton. 2,566,060, Aug. 28.
Electric picking device for stringed instruments. J. Lenz. 2,550,276, Apr. 24.
Electric plug. W. Huppert. 2,553,371, May 15.
Electric plug. J. F. Minard. 2,577,794, Dec. 11.
Electric plug connector. E. Greacen, Jr. 2,564,159, Aug. 14.
Electric positioning-proportional floating control. T. A. Abbott and J. B. McMahon. 2,577,696, Dec. 4.
Electric power source. R. V. L. Hartley. 2,549,464, Apr. 17.
Electric powered dresser, Hand-operated. T. J. Harris. 2,540,258, Feb. 6.
Electric pressure gauge. J. G. Drane. 2,560,852, July 17.
Electric propulsion unit for miniature railways. H. S. Bean. 2,536,344, Jan. 2.
Electric protective system. J. W. Hodgkiss. 2,536,809, Jan. 2.
Electric protective system for vehicle tires. E. Greene. 2,554,419, May 22.
Electric protective system with inrush current compensation. K. Lerstrup. 2,551,022, May 1.
Electric pulse code modulation system of communication. C. W. Earp and M. F. Wintle. 2,568,724, Sept. 25.
Electric pulse generating circuit. W. H. Crown and H. R. Whitfield. 2,548,953, Apr. 17.
Electric pulse generator. G. H. Hough. 2,547,008, Apr. 3.
Electric pulse translator circuit. A. H. Reeves. 2,541,100, Feb. 13.
Electric reciprocating motor. T. J. Murphy. 2,554,538, May 29.
Electric relay. A. Hufnagel. 2,575,812, Nov. 20.
Electric relay, Dual coil. E. J. Rabenda. 2,540,022, Jan. 30.
Electric remote control. E. Whitby. 2,539,760, Jan. 30.
Electric resistance furnace. E. A. Steinbock, Jr. 2,561,640, July 24.
Electric resistor. S. Gilman and J. E. Hill. 2,542,808, Feb. 20.
Electric room heater. B. Ames. 2,555,668, June 5.
Electric selecting matrix. G. W. Hobbs. 2,575,916, Nov. 20.
Electric sign circuit. T. R. Welch. 2,573,076, Oct. 30.
Electric signal switch. J. Dezzani. 2,547,199, Apr. 3.
Electric slide switch. M. M. Geci. 2,550,145, Apr. 24.
Electric snap switch. A. Käser. 2,540,336, Feb. 6.
Electric snap switch. E. A. Miller. 2,573,588, Oct. 30.
Electric socket member having plug-in openings for the prongs of a plurality of plugs. J. R. Wood. 2,576,165, Nov. 27.
Electric soldering iron. V. H. Brown. 2,552,253, May 8.
Electric soldering iron. A. Schoenwald. 2,554,926, May 29.
Electric spade terminal receptacle. M. D. Bergan. 2,550,636, Apr. 24.
Electric starting switch. J. Ainsworth. 2,564,387, Aug. 14.

Electric steam boiler. J. L. Hall, Jr., and T. D. Whidden, Sr. 2,559,954, July 10.
Electric steam boiler. C. A. Steen. 2,568,372, Sept. 18.
Electric steam generator. R. W. Lohman. 2,571,462, Oct. 16.
Electric steam iron. A. Wild. 2,564,415, Aug. 14.
Electric stop motion. C. M. Rogow. 2,542,708, Feb. 20.
Electric surface gauge. G. A. Highberg and H. J. Hauck. 2,569,433, Sept. 25.
Electric switch. W. J. Allan. 2,548,280, Apr. 10.
Electric switch. M. F. Baddour. 2,565,643, Aug. 28.
Electric switch. R. K. Boyer. 2,560,717, July 17.
Electric switch. W. D. Buckingham and C. J. Bruzdoski. 2,564,877, Aug. 21.
Electric switch. J. R. Caldwell. 2,545,940, Mar. 20.
Electric switch. L. Day. 2,536,914, Jan. 2.
Electric switch. A. F. Evett. 2,573,895, Nov. 6.
Electric switch. D. W. Fath. 2,550,792, May 1.
Electric switch. R. A. Ferguson. 2,540,435, Feb. 6.
Electric switch. J. Figueira. 2,556,997, June 12.
Electric switch. M. H. French. 2,548,103, Apr. 10.
Electric switch. W. S. Goertzen. 2,542,132, Feb. 20.
Electric switch. R. Goldschmidt and A. E. Wood. 2,571,564, Oct. 16.
Electric switch. W. A. Gussow. 2,555,588, June 5.
Electric switch. H. E. Jackson. 2,571,453, Oct. 16.
Electric switch. S. Langley. 2,574,745, Nov. 13.
Electric switch. W. E. Leibing. 2,566,704, Sept. 4.
Electric switch. K. Lerstrup. 2,555,799, June 5.
Electric switch. W. C. Lesher. 2,574,400–01, Nov. 6.
Electric switch. B. Å. H. Ljungfeldt. 2,537,682, Jan. 9.
Electric switch. W. C. Mason. 2,543,119, Feb. 27.
Electric switch. G. J. Meuer. 2,571,467, Oct. 16.
Electric switch. G. G. Obenour. 2,548,678, Apr. 10.
Electric switch. L. M. Persons. 2,569,776, Oct. 2.
Electric switch. F. J. Russell. 2,561,450, July 24.
Electric switch. W. Sharp. 2,547,604, Apr. 3.
Electric switch. E. H. Thompson. 2,537,490, Jan. 9.
Electric switch. E. H. C. Thorpe. 2,546,569, Mar. 27.
Electric switch. T. Unsworth. 2,575,147, Nov. 13.
Electric switch. P. L. Warren and F. E. Schultz. 2,579,771, Dec. 25.
Electric switch. H. S. Wiggins. 2,578,494, Dec. 11.
Electric switch. J. H. Williams. 2,554,724, May 29.
Electric switch. A. H. Wilson. 2,536,522, Jan. 2.
Electric switch. J. J. Zeller. 2,574,770, Nov. 13.
Electric switch box support. R. E. Adair and J. C. Baze. 2,567,309, Sept. 11.
Electric switch contact protection. A. M. Curtis. 2,546,818, Mar. 27.
Electric switch device. C. M. Hines. 2,575,957, Nov. 20.
Electric switch position indicator. H. W. Schulze. 2,541,892, Feb. 13.
Electric swivel connecting plug. M. H. McElroy. 2,542,935, Feb. 20.
Electric system. R. H. Rines. 2,571,163–4, Oct. 16.
Electric temperature control apparatus. C. W. Bristol. 2,560,788, July 17.
Electric terminal. C. Stonehill. 2,553,341, May 15.
Electric terminal structure. R. J. Sutton. 2,547,058, Apr. 3.
Electric time constant circuit. E. M. S. McWhirter and R. H. Dunn. 2,551,619, May 8.
Electric tire inflation indicator. R. Cozzolino and L. L. Bustos. 2,550,041, Apr. 24.
Electric toaster. C. A. Lindberg. 2,567,075, Sept. 4.
Electric trip circuit. R. E. Sturm and J. R. Cosby. 2,567,977, Sept. 18.
Electric valve control circuit. M. E. Bivens. 2,574,373, Nov. 6.
Electric warming element. B. Särnö and A. Lindberg. 2,569,340, Sept. 25.
Electric water heater. W. B. Harris. 2,572,337, Oct. 23.
Electric wave generator. A. Tykulsky. 2,565,535, Aug. 28.
Electric wave repeater circuit. R. A. Meers, E. R. Cockbain, and G. O. Probert. 2,577,792, Dec. 11.
Electric wave transmission. H. L. Barney. 2,570,305, Oct. 9.
Electric weft detecting system for looms. V. F. Sepavich. 2,546,617, Mar. 27.
Electric welding of tubes and the like. W. H. Vosters. 2,552,468, May 8.
Electric welding system. I. W. Cox and J. B. Welch. 2,573,094, Oct. 30.
Electric well logging system. W. J. Greer. 2,573,137, Oct. 30.
Electrical accelerometer circuit. Le R. J. Vincent. 2,574,361, Nov. 6.
Electrical actuation means. R. C. Churchman. 2,571,419, Oct. 16.
Electrical alarm switch. J. R. Brown. 2,547,742, Apr. 3.
Electrical alternating current generation. S. R. Montcalm. 2,578,575, Dec. 11.
Electrical analogue. B. D. Lee. 2,569,816, Oct. 2.
Electrical analogue. A. Wolf and B. D. Lee. 2,569,817, Oct. 2.
Electrical analogue device. G. H. Stephenson. 2,567,532, Sept. 11.
Electrical analogues. A. Wolf. 2,569,510, Oct. 2.
Electrical and cyclical data posting system. H. F. May. 2,564,403, Aug. 14.
Electrical apparatus. L. H. Bedford and A. H. A. Wynn. 2,538,438, Jan. 16.
Electrical apparatus. D. R. Branchflower, H. J. White, and D. F. Winter. 2,543,433, Feb. 27.
Electrical apparatus. S. Breen and M. A. Kerr. 2,558,670, June 26.
Electrical apparatus. J. R. Frei and C. W. Root. 2,576,394, Nov. 27.
Electrical apparatus. R. J. Galitz. 2,558,482, June 26.
Electrical apparatus. J. M. Hildyard. 2,559,622, July 10.
Electrical apparatus. E. C. Ilker. 2,565,234, Aug. 21.
Electrical apparatus. K. A. Kepple and E. A. Rothfus. 2,551,841, May 8.
Electrical apparatus. W. Schaelchlin. 2,571,951, Oct. 16.
Electrical apparatus. D. E. Sunstein. 2,551,348, May 1.
Electrical apparatus. M. C. Supitilov and R. H. Larson. 2,551,350, May 1.
Electrical apparatus. T. Tognola. 2,571,788–9, Oct. 16.
Electrical apparatus. F. P. Vacha. 2,555,208, May 29.
Electrical apparatus. R. Weissman. 2,547,511, Apr. 3.
Electrical apparatus. R. E. White. 2,549,871, Apr. 24.
Electrical apparatus for measuring the rate of change of an input voltage. L. H. Bedford, J. Bell, and E. M. Langham. 2,564,829, Aug. 21.
Electrical apparatus having silicone rubber insulation. W. B. Atkinson. 2,557,928, June 26.
Electrical attachment plug. J. E. Flood, W. J. Fitzgerald, and C. H. Wilmot. 2,551,935, May 8.
Electrical ballast. W. W. Brooks. 2,578,395, Dec. 11.
Electrical branding tool. E. A. Davis. 2,541,214, Feb. 13.
Electrical bridge compensation system for magnetometers. O. H. Schmitt and J. H. Hidy. 2,570,870, Oct. 9.
Electrical cable connection box. R. M. Sigmon, Jr. 2,566,039, Aug. 28.
Electrical circuit. D. D. Coffin and B. L. Cook. 2,546,181, Mar. 27.
Electrical condenser. J. Burnham. 2,549,770, Apr. 24.
Electrical condenser. W. M. Roberds. 2,540,913, Feb. 6.
Electrical condenser. W. G. Schneider. 2,539,332, Jan. 23.
Electrical condenser. P. A. Sporing. 2,550,308, Apr. 24.
Electrical condenser. S. H. Stupakoff. 2,552,653, May 15.
Electrical conductivity cell for measuring flow. R. Egalon, R. Vanhille, and M. Willemyns. 2,541,578, Feb. 13.
Electrical conductor and making same, Coated. P. F. Sanders. 2,567,162, Sept. 4.
Electrical conductor connector. D. P. Shappell. 2,566,254, Aug. 28.
Electrical conductor, Insulated. W. Koch. 2,549,101, Apr. 17.
Electrical connecting clip. A. A. Flynn. 2,549,589, Apr. 17.
Electrical connection. T. D. Monroe. 2,574,277, Nov. 6.
Electrical connection having identical, bifurcated plate members. R. G. Olson. 2,554,876, May 29.
Electrical connector. O. J. Alvarez. 2,580,269, Dec. 25.
Electrical connector. I. W. Edwards. 2,565,652, Aug. 28.
Electrical connector. D. C. Gillespie. 2,577,748, Dec. 11.
Electrical connector. E. E. Holke. 2,573,710, Nov. 6.
Electrical connector. W. Hrach. 2,542,084, Feb. 20.
Electrical connector. A. R. Jubenville. 2,578,360, Dec. 11.
Electrical connector. R. T. Lundy. 2,578,436, Dec. 11.
Electrical connector. J. C. Macy. 2,545,429, Mar. 13.
Electrical connector. J. C. Macy. 2,557,126, June 19.
Electrical connector. F. W. Mebold. 2,547,225, Apr. 3.
Electrical connector. F. L. Parsons. 2,566,993, Sept. 4.
Electrical connector. O. M. Salati. 2,540,012, Jan. 30.
Electrical connector. W. S. Watts. 2,580,206, Dec. 25.
Electrical consumption and control measuring equipment. E. M. S. McWhirter, F. W. Warden, and H. J. Ward. 2,568,755, Sept. 25.
Electrical contact. J. D. Kleis. 2,548,164, Apr. 10.
Electrical contact. G. A. Matteson, Jr. 2,568,242, Sept. 18.
Electrical contact. L. T. Richardson and M. R. Swinehart. 2,572,662, Oct. 23.
Electrical contact brush. D. Ramadanoff. 2,543,301, Feb. 27.
Electrical contact device. B. B. Scott. 2,568,465, Sept. 18.
Electrical contact for electrolytic cells. S. G. Osborne. 2,562,150, July 24.
Electrical contact mechanism for plating machines. J. V. Davis. 2,539,898, Jan. 30.
Electrical contact of an internally oxidized composition. A. S. Doty and W. E. Lynch. 2,539,298, Jan. 23.
Electrical contact points, Making raised. G. S. Gibbs. 2,545,352, Mar. 13.
Electrical contact spring assembly. F. W. May. 2,543,036, Feb. 27.
Electrical contactor. P. G. Adams and M. W. Axman. 2,575,699, Nov. 20.
Electrical control. C. F. Leathers. 2,543,502, Feb. 27.
Electrical control. E. C. Thomson. 2,566,260, Aug. 28.
Electrical control apparatus. R. J. Gaubert. 2,561,107, July 17.
Electrical control circuit. R. H. Miller. 2,557,675, June 19.
Electrical control device. J. H. Booth. 2,569,090, Sept. 25.
Electrical control device. L. N. Hampton, O. S. A. Mesch, and C. V. Obst. 2,578,353, Dec. 11.

Electrical control for water distributors. L. O. Keefer. 2,538,315, Jan. 16.
Electrical control system. L. F. Elliott. 2,540,514, Feb. 6.
Electrical control system. R. A. Fryklund and W. G. Gorton. 2,559,575, July 3.
Electrical control system. V. C. Mironowicz. 2,538,119, Jan. 16.
Electrical control system. E. Spahn. 2,545,390, Mar. 13.
Electrical control system. C. O. Wood. 2,574,520, Nov. 13.
Electrical control system for orchestral display. J. C. Koci. 2,558,490, June 26.
Electrical control to momentarily reverse feeder at cutoff. D. B. Kendall and R. O. Bradley. 2,566,210, Aug. 28.
Electrical counter circuit. W. D. Houghton. 2,540,524, Feb. 6.
Electrical detection and measurement of fluid conditions. C. F. Wallace. 2,551,479, May 1.
Electrical determination of moisture content and other properties. J. E. Fielden. 2,544,529, Mar. 6.
Electrical device, High-frequency. J. R. Bird. 2,556,642, June 12.
Electrical display sign. C. M. Katsetos. 2,569,130, Sept. 25.
Electrical distribution system. W. W. Edson. 2,547,452, Apr. 3.
Electrical distribution system. C. P. West and L. L. Fountain. 2,554,284, May 22.
Electrical energizing means for limit control devices and the like. P. L. Betz. 2,569,397, Sept. 25.
Electrical equipment for remote measuring and controlling. M. J. Lavet. 2,558,184, June 26.
Electrical furnace. E. Del Butero. 2,571,218, Oct. 16.
Electrical generating apparatus. G. C. Sziklai and W. A. Tolson. 2,576,652, Nov. 27.
Electrical generating system control. B. M. Leece and S. F. Stewart. 2,561,804, July 24.
Electrical gunsight superelevation and roll correcting device. P. R. Wheeler. 2,538,821, Jan. 23.
Electrical heater. C. C. Doyle. 2,559,410, July 3.
Electrical heating apparatus and method. K. T. Grondahl. 2,562,843, July 31.
Electrical heating jacket for laboratory apparatus. E. H. Briscoe, G. A. Stone, and L. C. Tarlton. 2,572,695, Oct. 23.
Electrical ignition system. W. R. Debenham and J. C. Shenton. 2,551,101, May 1.
Electrical impulse counting system. T. P. Farkas. 2,561,730, July 24.
Electrical indicating device. D. O. Kocmich. 2,565,434, Aug. 21.
Electrical indicating system. C. M. Crews. 2,558,736, July 3.
Electrical indicating system. G. H. Fritzinger. 2,558,945, July 3.
Electrical insulation. E. M. Dannenberg. 2,553,362, May 15.
Electrical junction box connector. A. H. Ziph. 2,574,608, Nov. 13.
Electrical marker generator circuit. L. H. Johnston. 2,576,346, Nov. 27.
Electrical marking and scanning control circuit. A. S. Bishop. 2,547,363, Apr. 3.
Electrical means for reproducing photographs. D. D. White and F. R. Osborn. 2,572,550, Oct. 23.
Electrical measuring apparatus. L. Stanton. 2,565,892, Aug. 28.
Electrical method of adhesive bond testing. B. D. Haber. 2,544,673, Mar. 13.
Electrical monitoring system. T. W. Hallerberg. 2,571,360, Oct. 16.
Electrical motor control apparatus. A. B. Chudyk. 2,579,648, Dec. 25.
Electrical multiplying and dividing machine. H. P. Luhn. 2,566,947, Sept. 4.
Electrical network for the suppression of echoes and the like in electrical signaling systems. D. C. Espley. 2,552,160, May 8.
Electrical outlet. B. P. McKinley. 2,577,974, Dec. 11.
Electrical outlet box. F. J. Kennedy. 2,544,232, Mar. 6.
Electrical outlet, Safety. R. Popp. 2,552,061, May 8.
Electrical outlet with insulating closures. B. B. Bierce. 2,579,538, Dec. 25.
Electrical power control circuit. G. R. McDonald. 2,545,368, Mar. 13.
Electrical power-driven operator unit. C. E. Schlytern. 2,562,823, July 31.
Electrical precipitation apparatus. C. W. J. Hedberg. 2,554,247, May 22.
Electrical precipitation method. H. F. Hamlin. 2,573,967, Nov. 6.
Electrical precipitator. H. Klemperer. 2,578,558, Dec. 11.
Electrical precipitator. H. A. Wintermute. 2,555,216, May 29.
Electrical precipitator, including an electrode washing device. J. H. Wilson. 2,563,297, Aug. 7.
Electrical precipitator with dual discharge electrodes. C. W. J. Hedberg. 2,567,709, Sept. 11.
Electrical process for dehydrating oil. C. C. Grove. 2,539,074, Jan. 23.
Electrical protective apparatus. P. P. Koliss. 2,546,824, Mar. 27.
Electrical protective device. H. T. Bussman. Re. 23,315, Jan. 2.
Electrical protective device for distribution lines. G. F. Lincks. 2,572,637, Oct. 23.
Electrical protective system. D. E. Graves. 2,579,255, Dec. 18.
Electrical pulse generating circuit. G. Hite and G. E. Whitham. 2,577,522, Dec. 4.
Electrical pulse generator. G. Potier and P. Cornet. 2,578,982, Dec. 18.
Electrical pulse generator. S. C. Spielman. 2,551,771, May 8.
Electrical pulse train selecting system. B. Derjavitch. 2,559,603, July 10.
Electrical receptacle. J. F. O'Brien, J. B. Cataldo, and K. E. Vroom. 2,567,961, Sept. 18.
Electrical rectifier. E. T. Casellini. 2,572,801, Oct. 23.
Electrical regulation system. S. V. Hart. 2,546,926, Mar. 27.
Electrical regulating system. R. R. Lobosco. 2,559,724, July 10.
Electrical regulator. C. V. Bocciarelli. 2,542,468, Feb. 20.
Electrical regulator. C. R. Mason. 2,544,339, Mar. 6.
Electrical regulator. C. S. Townsend. 2,546,481, Mar. 27.
Electrical relay. L. W. Droel. 2,574,549, Nov. 13.
Electrical relay. F. T. Fereday, Sr. 2,549,371, Apr. 17.
Electrical relay of toggle type. A. H. Lamb. 2,574,399, Nov. 6.
Electrical remote control. S. G. Isserstedt. 2,553,517, May 15.
Electrical remote control system. O. Grob. 2,567,018, Sept. 4.
Electrical resistance pressure responsive gauge. H. F. Rundell. 2,544,567, Mar. 6.
Electrical resistor. J. J. Cerny. 2,559,943, July 10.
Electrical resistor. M. A. Thom. 2,558,798, July 3.
Electrical rotating apparatus for directional antennae. H. G. Koenig. 2,566,897, Sept. 4.
Electrical scaling circuit. B. Schloss and S. Robinson. 2,562,645, July 31.
Electrical selective control apparatus. H. H. Curry. 2,562,176, July 31.
Electrical simulator. E. J. Wade and J. W. Simpson. 2,569,646, Oct. 2.
Electrical snap switch. F. J. Broch. 2,540,421, Feb. 6.
Electrical socket and contact therefor. S. M. Del Camp. 2,563,775, Aug. 7.
Electrical sorting system. F. Rieber. 2,570,485, Oct. 9.
Electrical space resonator having a high ratio between quality factor and volume. J. P. Kinzer. 2,541,925, Feb. 13.
Electrical strain measuring apparatus. M. P. Vore and M. J. Gelpi. 2,579,632, Dec. 25.
Electrical surge arrester. L. L. Crump and C. A. Fox. 2,559,599, July 10.
Electrical surge arrester. C. A. Fox. 2,551,592, May 8.
Electrical torque meter. H. P. Kuehni. 2,564,484, Aug. 14.
Electrical switch. J. A. Alexander. 2,579,135, Dec. 18.
Electrical switch. S. W. Bramley. 2,552,141, May 8.
Electrical switch. C. R. Ellis and W. E. Frye. 2,560,561, July 17.
Electrical switch. J. S. Linn. 2,565,863, Aug. 28.
Electrical switch. A. A. Lutsky and A. A. Walker. 2,570,960, Oct. 9.
Electrical switch. A. L. Weisbecker. 2,546,284, Mar. 27.
Electrical system. C. V. Bocciarelli. 2,552,139, May 8.
Electrical system. F. J. Hooven. 2,555,491, June 5.
Electrical system. P. L. Spencer. 2,546,952, Mar. 27.
Electrical system D. E. Sunstein. 2,540,016, Jan. 30.
Electrical system for indicating relative phase displacement. S. R. Rich. 2,546,407, Mar. 27.
Electrical system on railroad car. D. F. Alexander and C. J. Werner. 2,541,904, Feb. 13.
Electrical system using photomultiplier tubes for spectographic analysis. G. H. Dieke. 2,572,119, Oct. 23.
Electrical terminal block. W. A. Uline and H. P. Rowell. 2,549,725, Apr. 17.
Electrical terminal board. G. J. Ganley. 2,551,259, May 1.
Electrical testing probe. F. S. Mosier. 2,540,402, Feb. 6.
Electrical timing comparator circuit. J. R. De Baun. 2,570,775, Oct. 9.
Electrical time delay apparatus. T. Miller. 2,568,403, Sept. 18.
Electrical time reminder for various purposes. R. L. Smith. 2,553,482, May 15.
Electrical token target. S. P. Hitchings. 2,562,787, July 31.
Electrical translator of binary code to decimal code. F. H. Bray, G. C. Hartley, and D. S. Ridler. 2,576,099, Nov. 27.
Electrical transmission system. T. O. McCarthy and W. W. Thomas. 2,572,044, Oct. 23.
Electrical valve seat gauge. H. J. Burnett. 2,553,129, May 15.
Electrical warm air recirculating room heater. C. J. Favot. 2,568,278, Sept. 18.
Electrical water heater. P. J. Kapsch. 2,554,745, May 29.
Electrical wave guide switch. W. F. Kannenberg. 2,573,713, Nov. 6.
Electrical welding, chiefly in the production of metal containers. E. L. J. Jadoul. 2,558,360, June 26.

Electrically actuated variable electric time switch. R. P. Mohn. 2,553,829, May 22.
Electrically conductive revolving joint. V. W. Breitenstein. 2,545,939, Mar. 20.
Electrically conducting coating on glass and other ceramic bodies. J. K. Davis. 2,564,677, Aug. 21.
Electrically conducting coating on glass and other ceramic bodies. J. M. Mochel. 2,564,987, Aug. 21.
Electrically conducting coating on glass and other ceramic bodies. J. M. Mochel. 2,564,709–10, Aug. 21.
Electrically conducting coatings on glass and other ceramic bodies. J. M. Mochel. 2,564,707, Aug. 21.
Electrically heated bed and control device. L. B. Koontz. 2,573,455, Oct. 30.
Electrically heated clothes drier. A. P. Hoskings. 2,567,434, Sept. 11.
Electrically heated injection chamber. V. Vltavsky 2,566,101, Aug. 28.
Electrically heated mattress pad. H. C. Abbott. 2,569,138, Sept. 25.
Electrically heated table. J. E. Ball. 2,548,932, Apr. 17.
Electrically heated transfer pipe. F. C. Bennett. 2,568,578, Sept. 18.
Electrically heated water tank. E. W. Losee. 2,542,543, Feb. 20.
Electrically heating and upsetting metal rods or bars, Method of and apparatus for. M. O. Hanna. 2,570,547, Oct. 9.
Electrically heating and upsetting rods or bars, Method of and apparatus for. M. O. Hanna. 2,570,548, Oct. 9.
Electrically modulated valve. J. B. Cataldo. 2,569,800, Oct. 2.
Electrically neutral organic liquid compositions. G. E. F. Brewer. 2,574,528, Nov. 13.
Electrically noiseless progressive contact means. R. P. Mork. 2,575,230, Nov. 13.
Electrically operated control device. B. R. Thompson and G. E. Hammond. 2,576,371, Nov. 27.
Electrically operated device for the control of fluid pressure servomotors. H. Trevaskis. 2,566,708, Sept. 4.
Electrically operated flush valve. J. J. Filliung, Jr. 2,552,625, May 15.
Electrically operated trap. E. C. Conley. 2,537,209, Jan. 9.
Electrically operated vehicle safety light. H. P. Compton. 2,538,146, Jan. 16.
Electrically propelled wheel chair. A. C. Guyton. 2,544,831, Mar. 13.
Electrified gate. J. R. Carr. 2,546,429, Mar. 27.
Electroacoustic diaphragm coupling. D. E. Skelton. 2,539,488, Jan. 30.
Electroacoustic system. R. H. Rines. 2,539,593, Jan. 30.
Electroacoustic transducer. E. E. Mott. 2,566,849–50, Sept. 4.
Electroacoustic transducer. F. H. Slaymaker. 2,567,407, Sept. 11.
Electroacoustic transducer set. J. L. Hathaway and W. Hotine. 2,573,438, Oct. 30.
Electroacoustical apparatus, Portable. E. F. Andrews. 2,571,514, Oct. 16.
Electrocardiograph. M. W. Edinburg. 2,571,223, Oct. 16.
Electrochemical bonding of aluminum with other materials. J. De Ment. 2,567,877, Sept. 11.
Electrochemical cell diaphragm. E. Willihnganz. 2,569,361, Sept. 25.
Electrochemical conversion of hydrocarbons. C. H. Schlesman. 2,550,089, Apr. 24.
Electrochemical conversion of hydrocarbons. C. H. Schlesman. 2,553,944, May 22.
Electrochemical processes of producing manganese from aqueous manganese salt solution. E. Abel. 2,542,888, Feb. 20.
Electrochemical proportioning apparatus. R. M. Potter. 2,559,090, July 3.
Electrochemical separation of chemicals by ion migration, Process and apparatus for the. A. K. Brewer. 2,566,308, Sept. 4.
Electroconductive article. L. E. Orr. 2,569,773, Oct. 2.
Electroconductive products and production thereof. W. O. Lytle and A. E. Junge. 2,566,346, Sept. 4.
Electrode. J. R. Wirt. 2,540,180, Feb. 6.
Electrode adapter cap. J. Rosenberg. 2,565,932, Aug. 28.
Electrode and backfill, Ground. G. W. Heise. 2,553,654, May 22.
Electrode and envelope assembly for multielectrode space discharge devices. H. R. Jacobus, Jr. 2,572,031, Oct. 23.
Electrode and envelope assembly for multielectrode space discharge devices. H. R. Jacobus, Jr. and H. L. Lipschultz. 2,572,032, Oct. 23.
Electrode and resistor assembly unit. L. L. Stoffel. 2,561,151, July 17.
Electrode assembly, Disposable. C. W. J. Hedberg. 2,555,339, June 5.
Electrode assembly for cathode-ray tubes. M. Silverman. 2,547,415, Apr. 3.
Electrode assembly, Fused. J. W. Posey and G. L. Weimer. 2,545,629, Mar. 20.
Electrode, Axially oscillated circular welding. H. C. Cogan. 2,558,041, June 26.
Electrode, Buoyant. E. C. Craig. 2,549,777, Apr. 24.
Electrode-carrying headgear for electroencephalographic analysis. A. R. McIntyre and A. L. Dunn. 2,549,836, Apr. 24.
Electrode coating. P. J. Hagelston and R. S. Ives. 2,545,695, Mar. 20.
Electrode, Electron discharge device. V. J. De Santis, F. L. Hunter, and C. P. Majkrzak. 2,552,535, May 15.
Electrode feeding mechanism. J. K. Elderkin and F. J. Strassner. 2,571,552, Oct. 16.
Electrode, Flash control. E. G. Autie and F. W. Johnes. 2,569,968, Oct. 2.
Electrode, Flexible. L. Jensen. 2,555,037, May 29.
Electrode for cutting and welding under water. W. Hummitzsch. 2,552,176, May 8.
Electrode for diathermy apparatus or the like. G. L. Tawney. 2,549,399, Apr. 17.
Electrode for electrolytic condensers. J. B. Brennan. 2,578,667, Dec. 18.
Electrode for well logging, Sleeve supported. A. B. Hildebrandt. 2,552,428, May 8.
Electrode holder for gas blanketed electric arc weldings. R. W. Tuthill. 2,555,017, May 29.
Electrode, Magnetized grounding. W. B. Harpman. 2,568,068, Sept. 18.
Electrode, Medical. E. A. Piar. 2,547,041, Apr. 3.
Electrode mounting device. P. Giuffrida. 2,541,236, Feb. 13.
Electrode spacer structure for electron discharge devices. L. E. Cisne. 2,576,251, Nov. 27.
Electrode steam generator. K. T. Gröndahl. 2,562,184, July 31.
Electrode structure. E. D. Coleman. 2,578,044, Dec. 11.
Electrode structure. E. B. Noel. 2,542,348, Feb. 20.
Electrode structure and dielectric heating. R. J. Stanton and W. C. Rudd. 2,542,589, Feb. 20.
Electrode structure and electron discharge device, Nondeforming. L. P. Garner. 2,546,184, Mar. 27.
Electrode structure for electric discharge devices. L. J. Davies and E. J. G. Beeson. 2,579,109, Dec. 18.
Electrode structure for electric discharge devices. K. C. De Walt. 2,542,639, Feb. 20.
Electrode structure for gaseous discharge devices. T. F. Jones. 2,569,474, Oct. 2.
Electrode structure for glow discharge tubes. D. S. Peck. 2,560,347, July 10.
Electrode support and electron discharge device, Nondeforming laminated. W. E. Harbaugh. 2,570,121, Oct. 2.
Electrode support for electrolytic cells. A. W. Ravenscroft. 2,542,056, Feb. 20.
Electrode system for trochotrons. N. E. Backmark and K. E. I. Jansson. 2,536,150, Jan. 2.
Electrode type liquid heater. J. A. Tatem and A. Head. 2,542,439, Feb. 20.
Electrode type water boiler. J. A. Tatem. 2,572,536, Oct. 23.
Electrode unit. R. I. Hahn. 2,563,238, Aug. 7.
Electrode, Welding. E. Janowski. 2,552,431, May 8.
Electrode with molded insulation. H. M. Richardson. 2,558,878, July 3.
Electrodepositing a metal layer on rubber. E. L. Scholl. 2,551,342–4, May 1.
Electrodepositing an alloy of lead and indium. D. F. Green, N. P. Mallet, and J. M. Briscoe. 2,567,934, Sept. 18.
Electrodeposition apparatus. A. T. Rabbitts. 2,566,676, Sept. 4.
Electrodeposition bath for bright zinc. C. L. Faust, A. E. Bearse, and A. W. Liger. 2,543,545, Feb. 27.
Electrodeposition of copper. W. M. Phillips and F. L. Clifton. 2,563,360, Aug. 7.
Electrodeposition of manganese. J. Koster. 2,546,547, Mar. 27.
Electrodeposition of metals and alloys. J. M. Booe. 2,545,566, Mar. 20.
Electrodeposition of nickel. P. W. Moy. 2,539,588, Jan. 30.
Electrodeposition of nickel. L. Weisberg. 2,579,636, Dec. 25.
Electrodeposition of nickel from an acid bath. H. Brown. 2,550,449, Apr. 24.
Electrodeposition of zinc. R. P. Yeck and Y. E. Lebedeff. 2,539,681, Jan. 30.
Electrodeposition with nickel. E. L. A. Camin, S. E. Hybinette, and H. B. Taylor. 2,576,922, Dec. 4.
Electrodialytic treatment of well-drilling fluids. E. E. Huebotter. 2,571,247, Oct. 16.
Electrodynamic loud-speaker assembly. W. C. Eaves. 2,566,604, Sept. 4.
Electrodynamic pickup. D. F. Balmer. 2,542,457, Feb. 20.
Electroforming metal articles, Method of and apparatus for. R. M. Fiandt. 2,549,678, Apr. 17.
Electroforming molds. C. L. Milton, Jr., and C. A. Nielson. 2,538,160, Jan. 16.
Electrohydraulic control means for machines employing plural hydraulic motors. J. B. Castle, Jr., and A. A. Sinclair. 2,558,071, June 26.
Electroluminescent lamp. E. L. Mager. 2,566,349, Sept. 4.
Electroluminescent screens, Manufacture of. D. Charles. 2,559,279, July 3.
Electrolysis of aqueous salt solutions in liquid cathode cells. B. W. Hirsh. 2,542,523, Feb. 20.
Electrolysis resisting conduit hub. O. K. Coleman and R. A. Road. 2,554,456, May 22.

Electrolysis switch. V. B. Pike. 2,556,705, June 12.
Electrolyte for alkaline dry cells. S. Ruben. 2,576,266, Nov. 27.
Electrolytic apparatus for making radiator cores. J. D. Beebe. 2,540,805, Feb. 6.
Electrolytic apparatus for reduction of aluminum bromide. W. G. Lovell and N. E. Phillips. 2,539,092, Jan. 23.
Electrolytic capacitor. R. A. Ruscetta. 2,566,908, Sept. 4.
Electrolytic cell. C. Carter and J. V. S. Glass. 2,542,989, Feb. 27.
Electrolytic cell. C. Carter and A. W. Ravenscroft. 2,542,990, Feb. 27.
Electrolytic cell. W. H. Furness. 2,573,788, Nov. 6.
Electrolytic cell. S. G. Osborne. 2,540,960, Feb. 6.
Electrolytic cell. K. E. Stuart and S. G. Osborne. 2,544,285, Mar. 6.
Electrolytic cell. E. W. Tucker. 2,553,068, May 15.
Electrolytic cell and, in particular, alkaline cell. G. Neumann and U. Gottesmann. 2,571,927, Oct. 16.
Electrolytic cell for the deposition of gold and/or silver from solutions. J. B. Zandra. 2,563,903, Aug. 14.
Electrolytic cell with mobile mercury cathode. O. de Nora. 2,544,138, Mar. 6.
Electrolytic cell with welded anode assembly. A. F. Benning, R. C. McHarness, M. K. Richards, and G. W. Feldmann. 2,550,445, Apr. 24.
Electrolytic cells. S. V. Andreasen. 2,576,553, Nov. 27.
Electrolytic condenser. J. B. Brennan. 2,547,371, Apr. 3.
Electrolytic deposition of manganese. P. M. Ambrose. Re. 23,332, Jan. 23.
Electrolytic determination of lead and copper. R. W. Notvest. 2,544,802, Mar. 13.
Electrolytic device. J. B. Brennan. 2,567,841, Sept. 11.
Electrolytic diazo process. W. Vanselow and H. C. Yutzy. 2,541,488, Feb. 13.
Electrolytic method and apparatus for cleaning strip. E. E. Vonada. 2,556,017, June 5.
Electrolytic method of making boron. H. S. Cooper. 2,572,248, Oct. 23.
Electrolytic method of protecting the wall of a glass furnace. I. Peyches. 2,561,818, July 24.
Electrolytic method of stripping nickel, chromium, copper, zinc, cadmium, silver, tin, and lead electrodeposits from ferrous basis metals, and compositions for use therein. F. Passal. 2,561,222, July 17.
Electrolytic process and apparatus. P. C. Condit. 2,537,304, Jan. 9.
Electrolytic process and apparatus for making copper dust. N. Corsini. 2,579,551, Dec. 25.
Electrolytic process for producing iron products. H. V. Trask. 2,538,990, Jan. 23.
Electrolytic process for removing oxide from the surface of metals. H. R. Spence and H. W. Hooker. 2,538,055, Jan. 16.
Electrolytic process of producing diacetone-keto-gulonic acid. A. Verheyden. 2,559,033–4, July 3.
Electrolytic production of elemental boron. H. S. Cooper. 2,572,249, Oct. 23.
Electrolytic production of fluorine, Process and apparatus for the. A. F. Benning and M. K. Richards. 2,568,844, Sept. 25.
Electrolytic production of polyhydric alcohols. C. L. Emerson, Jr. 2,561,656, July 24.
Electrolytic reduction of hydroperoxides. J. C. Conner, Jr. 2,543,763, Mar. 6.
Electrolytic removal of metallic coatings from various base metals. H. G. Orlik. 2,578,898, Dec. 18.
Electrolytic stripping of nickel coatings from ferrous metals. H. M. Bell, III, and E. W. Schweikher. 2,549,411, Apr. 17.
Electrolytic surface treatment of germanium. R. B. Gibney. 2,560,792, July 17.
Electrolytic surface treatment of steel. H. W. Cobb. 2,542,994, Feb. 27.
Electrolytic tin plating bath. W. S. Allen. 2,552,920, May 15.
Electrolytic treatment of slide fasteners, Method and apparatus for. C. C. Cohn. 2,572,838, Oct. 30.
Electrolytic water correction device. E. M. Butler. 2,536,591, Jan. 2.
Electrolytic water correction device. K. L. McIntosh. 2,557,989, June 26.
Electrolytically polishing aluminum and its alloys. J. Patrie. 2,553,937, May 22.
Electromagnet. J. F. Peters. 2,550,123, Apr. 24.
Electromagnet control device. J. S. Zimmer. 2,546,053, Mar. 20.
Electromagnet control mechanism with two armatures. F. H. Winter. 2,571,803, Oct. 16.
Electromagnet overload release clutch. L. Ochtman. 2,547,137, Apr. 3.
Electromagnet with armature, Alternating-current. L. J. Goldberg. 2,546,740, Mar. 27.
Electromagnet with moving coil armature, Polarized. A. B. Chudyk. 2,573,183, Oct. 30.
Electromagnetic actuator. W. H. Gille. 2,548,893, Apr. 17.
Electromagnetic actuator. R. B. Immel. 2,546,000, Mar. 20.
Electromagnetic actuator. J. H. Johnson. 2,548,894, Apr. 17.

Electromagnetic brake. H. E. Hodgson. 2,562,788, July 31.
Electromagnetic change-speed mechanism for automotive vehicles. H. J. G. Chatelet and H. Michellet. 2,578,399, Dec. 11.
Electromagnetic chuck control circuit. H. F. Storm. 2,544,366, Mar. 6.
Electromagnetic contactor. L. Pierce. 2,542,835, Feb. 20.
Electromagnetic contactor with plunger armature. A. P. Charbonneau and F. J. Russell. 2,575,095, Nov. 13.
Electromagnetic core and manufacture thereof. K. G. Compton and H. L. B. Gould. 2,561,462, July 24.
Electromagnetic counting device. J. I. Bellamy. 2,538,815–17, Jan. 23.
Electromagnetic counting device. J. I. Bellamy and R. P. Arthur. 2,538,818, Jan. 23.
Electromagnetic counting device, Plural armature. J. I. Bellamy. 2,538,819, Jan. 23.
Electromagnetic deflection circuit. C. W. Hoyt. 2,543,720, Feb. 27.
Electromagnetic deflection yoke. K. Schlesinger. 2,562,394, July 31.
Electromagnetic deflection yoke structure. L. G. Malheiros. 2,568,456, Sept. 18.
Electromagnetic detector device for use in measuring apparatus. R. E. Reason. 2,562,640, July 31.
Electromagnetic device. A. G. Thomas. 2,578,648, Dec. 11.
Electromagnetic device and making same. O. E. Andrus. 2,562,254, July 31.
Electromagnetic drive apparatus. H. J. Findley. 2,560,940, July 17.
Electromagnetic feeding device. J. R. Locker and J. H. Whitelock. 2,564,538, Aug. 14.
Electromagnetic field phase determining apparatus. H. R. Worthington, Jr. 2,548,836, Apr. 10.
Electromagnetic friction clutch. E. D. Lilja. 2,549,214, Apr. 17.
Electromagnetic-horn apparatus. W. L. Barrow. 2,560,541, July 17.
Electromagnetic levitation apparatus. W. V. Lovell. 2,566,221, Aug. 28.
Electromagnetic mechanism for agitating cradles. J. Chodacki and A. Zak. 2,544,298, Mar. 6.
Electromagnetic motion responsive device. A. J. Hornfeck. 2,564,221, Aug. 14.
Electromagnetic motor. C. Clos. 2,558,540, June 26.
Electromagnetic operating and control system. C. R. Ray. 2,548,060, Apr. 10.
Electromagnetic operating means for rotary electric switches and other devices. H. E. Schleicher. 2,563,495 Aug. 7.
Electromagnetic piezoelectric phonograph translating device, Combined. A. H. Esty and J. A. Dinsmore. 2,542,017, Feb. 20.
Electromagnetic power-current relay. A. W. Vingerhoets. 2,540,558, Feb. 6.
Electromagnetic pump. E. J. Wade. 2,558,698, June 26.
Electromagnetic rail brake. A. Zuckermann. 2,564,945, Aug. 21.
Electromagnetic recorder wire and making it. C. H. Campbell. R. E. Griffiths, and W. T. Cramer. 2,578,782, Dec. 18.
Electromagnetic relay. R. L. Brown. 2,540,185, Feb. 6.
Electromagnetic relay. G. D. Olsson. 2,543,593, Feb. 27.
Electromagnetic relay. R. E. Prouty. 2,545,587, Mar. 20.
Electromagnetic relay. S. H. Towner and P. A. Childs. 2,547,062, Apr. 3.
Electromagnetic relay armature retaining clip. B. A. Wallace. 2,538,814, Jan. 23.
Electromagnetic relay contact. F. E. Wood. 2,541,398, Feb. 13.
Electromagnetic reversing switch. W. G. Bourne. 2,564,246, Aug. 14.
Electromagnetic scanning system. C. E. Torsch and J. B. Coullard. 2,568,471, Sept. 18.
Electromagnetic shuttle protector system for looms. A. R. Abbott. 2,556,785, June 12.
Electromagnetic switch. H. C. Harrison. 2,562,382, July 31.
Electromagnetic switch. C. E. Hastings. 2,547,003, Apr. 3.
Electromagnetic switch and thermally released shorting therefor. R. A. von Behren. 2,539,876, Jan. 30.
Electromagnetic transducer head. M. Camras. 2,539,400, Jan. 30.
Electromagnetic transducer head. M. Camras. 2,540,711, Feb. 6.
Electromagnetic transducer head. D. E. Wiegand. 2,547,297, Apr. 3.
Electromagnetic transducer head and energizing circuit switch. T. R. Welch. 2,540,466, Feb. 6.
Electromagnetic transducer head assembly. R. A. von Behren. 2,574,898, Nov. 13.
Electromagnetic transducer head assembly. D. E. Wiegand. 2,580,208, Dec. 25.
Electromagnetic transducer head assembly. R. E. Zenner. 2,538,405, Jan. 16.
Electromagnetic underwater sound projector and receiver. H. C. Hayes and P. N. Arnold. 2,561,368, July 24.
Electromagnetic unit. A. M. Cohen. 2,550,779, May 1.

Electromagnetic valve. C. A. Smith and J. A. Wasser. 2,547,098, Apr. 3.
Electromagnetic-wave investigations. W. M. Barret. 2,573,682, Nov. 6.
Electromagnetically operated counter. H. D. and M. I. Goldberg. 2,579,231, Dec. 18.
Electromagnetically operated device. G. H. Leland. 2,539,090, Jan. 23.
Electromagnetically operated switch. E. Besag, W. E. Hill, and T. D. G. Wintle. 2,565,467, Aug. 28.
Electromagnetically operated valve. W. A. Ray. 2,550,297, Apr. 24.
Electromanometer. A. Miller. 2,558,190, June 26.
Electromechanical device. E. E. Ostrow. 2,563,413, Aug. 7.
Electromechanical device, Focused. A. L. W. Williams. 2,565,159, Aug. 21.
Electromechanical scent distribution to accompany a motion picture. E. I. Stern. 2,562,959, Aug. 7.
Electro-mechanical storage mechanism. S. B. Williams. 2,540,226, Feb. 6.
Electromechanical stroke limit control for hydraulic motors. C. B. Livers and L. J. Dawes. 2,555,046, May 29.
Electromechanical translator. O. Myers. 2,558,577, June 15.
Electron beam deflecting system. H. E. Kallmann. 2,574,975, Nov. 13.
Electron beam switching tube and system. D. H. Ransom. 2,570,274, Oct. 9.
Electron beam tube filter. L. C. Peterson and R. K. Potter. 2,575,393, Nov. 20.
Electron beam vacuum tube. G. B. Loper. 2,545,822, Mar. 20.
Electron camera tube. R. E. Graham. 2,544,753, Mar. 13.
Electron camera tube. J. B. Johnson and K. G. McKay. 2,544,755, Mar. 13.
Electron camera tube. C. H. Townes. 2,544,754, Mar. 13.
Electron device with semiconductive target. E. S. Rittner. 2,540,490, Feb. 6.
Electron diffraction detector system. R. L. Longini. 2,561,988, July 24.
Electron discharge apparatus. A. E. Anderson. 2,567,359, Sept. 11.
Electron discharge apparatus circuit. H. Alfven and H. Romanus, 2,563,807, Aug. 14.
Electron discharge apparatus for amplifying ultra high frequency waves. S. Ramo. 2,562,738, July 31.
Electron discharge device. J. H. Burnett. 2,543,739, Feb. 27.
Electron discharge device. J. S. Donal, Jr. 2,565,357, Aug. 21.
Electron discharge device. J. S. Donal, Jr., C. L. Cuccia, and B. B. Brown. 2,559,604, July 10.
Electron discharge device. F. E. Gehrke. 2,553,184, May 26.
Electron discharge device. P. Haas. 2,553,580, May 22.
Electron discharge device. P. Haas. 2,575,448, Nov. 20.
Electron discharge device. A. V. Haeff. 2,552,040, May 8.
Electron discharge device. W. L. Meier. 2,578,571, Dec. 11.
Electron discharge device. R. W. Sears. 2,540,834, Feb. 6.
Electron discharge device and assembly. T. H. Clark, A. G. Clavier, and E. Rostas. 2,546,976, Apr. 3.
Electron discharge device and associated circuit. E. G. Linder. 2,552,334, May 8.
Electron discharge device and associated circuits. E. W. Herold. 2,564,063, Aug. 14.
Electron discharge device and associated circuits. H. C. Thompson. 2,578,458, Dec. 11.
Electron discharge device and circuit. C. W. Hansell. 2,574,562, Nov. 13.
Electron discharge device and locking means therefor. L. C. Werner. 2,554,078, May 22.
Electron-discharge device for microwave amplification. P. P. Derby. 2,579,654, Dec. 25.
Electron discharge device, Grid-controlled. D. G. Burnside. 2,547,372, Apr. 3.
Electron discharge device, High-frequency. W. W. Hansen. 2,556,181, June 12.
Electron discharge device of the beam deflection type. H. C. Thompson. 2,559,524, July 3.
Electron discharge device of the cavity resonator type with feedback. J. J. Livingood, W. W. Salisbury, and E. S. Welch. 2,562,319, July 31.
Electron discharge device of the focussed-beam type. R. Adler. 2,559,037, July 3.
Electron discharge device of the magnetron type. J. L. Barttro. 2,547,848, Apr. 3.
Electron-discharge device of the magnetron type. J. L. Barttro. 2,565,585, Aug. 28.
Electron discharge device of the magnetron type. B. B. Brown. 2,560,409, July 10.
Electron discharge device of the magnetron type. W. C. Brown. 2,556,747, June 12.
Electron discharge device of the magnetron type. P. P. Derby. 2,538,087, Jan. 15.
Electron discharge device of the magnetron type. R. C. Schmidt. 2,553,425, May 15.
Electron discharge device of the magnetron type. P. L. Spencer. 2,539,337, Jan. 23.
Electron discharge device of the velocity modulation type. J. H. Fremlin. 2,557,959, June 26.
Electron discharge device, Reflex klystron. P. Janis. 2,540,080, Feb. 6.
Electron discharge device, Secondary emission. J. H. Findlay. 2,538,560, Jan. 16.
Electron discharge device system for obtaining similar or differential tuning adjustments. J. E. Young. 2,540,640, Feb. 6.
Electron discharge device, Velocity modulated. E. G. Linder. 2,567,674, Sept. 11.
Electron discharge device with temperature-stabilized cathode. J. Kurshan. 2,552,047, May 8.
Electron discharge tube. J. L. H. Jonker and A. J. W. M. van Overbeek. 2,571,723, Oct. 16.
Electron discharge tube. J. D. McGee. 2,572,644, Oct. 23.
Electron discharge tube. J. W. Skehan and T. H. Rogers. 2,569,872, Oct. 2.
Electron discharge tube. N. Warmoltz. 2,557,774, June 19.
Electron discharge tube assembly. J. A. ten Boske and E. G. Dorgelo. 2,563,434, Aug. 7.
Electron emissive cathode. H. G. Lubszynski. 2,563,474, Aug. 7.
Electron flow device. J. B. Gosling. 2,569,665, Oct. 2.
Electron gun for cathode-ray tubes. C. S. Szegho. 2,573,287, Oct. 30.
Electron gun structure. E. Pohle and R. G. Scott. 2,562,243, July 31.
Electron lens. G. M. Fleming. 2,536,878, Jan. 2.
Electron lens system, Electrostatic. B. J. Mayo. 2,539,370, Jan. 23.
Electron multiplier tube. C. F. Miller. 2,537,150, Jan. 9.
Electron multiplier with secondary emissive grids. P. C. Palluel. 2,565,515, Aug. 28.
Electron optical system. S. W. Harrison. 2,572,858, Oct. 30.
Electron space discharge device. W. W. Saldarini. 2,572,055, Oct. 23.
Electron tube. R. Schweizer. 2,551,057, May 1.
Electron tube. R. L. Snyder, Jr. 2,548,405, Apr. 10.
Electron tube generating ultra-short electromagnetic oscillations. F. Lüdi. 2,567,339, Sept. 11.
Electron tube grid, Nonemitting. I. Levin. 2,576,129, Nov. 27.
Electron tube protective system. L. P. Garner. 2,571,027, Oct. 9.
Electron tube protective system. W. N. Parker, M. V. Hoover, and H. C. Vance. 2,575,232, Nov. 13.
Electron tube radio frequency generator. D. H. Preist. 2,554,500, May 29.
Electron tube seal structure. W. W. Eitel and M. E. Wolfe. 2,569,848, Oct. 2.
Electronic accumulator. L. P. Crosman. 2,579,174, Dec. 18.
Electronic alternating voltage regulator. J. L. Schultz. 2,562,744, July 31.
Electronic ammeter. G. C. Summers. 2,568,689, Sept. 18.
Electronic attenuator for radar. G. Wilkes. 2,570,893, Oct. 9.
Electronic check-weighing and segregating apparatus. W. J. Schieser and J. F. Kelley. 2,568,255, Sept. 18.
Electronic circuit. L. J. Dahline. 2,567,876, Sept. 11.
Electronic circuit. B. B. Rossi and H. H. Staub. 2,541,940, Feb. 13.
Electronic circuit arrangement. M. Artzt. 2,568,533, Sept. 18.
Electronic code pulse transmitting circuit. W. H. T. Holden. 2,580,095, Dec. 25.
Electronic combination switch. A. Churchill. 2,541,461, Feb. 13.
Electronic commutator. E. A. Goldberg. 2,563,406, Aug. 7.
Electronic commutator. J. A. Haddad and R. L. Palmer. 2,551,119, May 1.
Electronic commutator circuit. B. Fisk and C. L. Spencer. 2,557,086, June 19.
Electronic comparator for analyzing ferrous and nonferrous material. J. R. Cornelius. 2,576,173, Nov. 27.
Electronic control. S. L. Burgwin. 2,545,989, Mar. 20.
Electronic control. L. H. Erickson. 2,578,525, Dec. 11.
Electronic control apparatus. L. C. Poole. 2,564,500, Aug. 14.
Electronic control circuit. L. H. Good 2,560,640, July 17.
Electronic control circuit. J. L. Solomon. 2,564,347, Aug. 14.
Electronic control circuit. N. F. Thompson. 2,556,713, June 12.
Electronic control device. F. E. Bryan and W. F. Gunning. 2,545,257, Mar. 13.
Electronic control for alternating current translating devices. W. H. Elliot. Re. 23,410, Sept. 11.
Electronic control system for echo-ranging apparatus. I. P. Rodman. 2,540,035, Jan. 30.
Electronic control system for rectifier load circuits. W. G. Roman and R. C. Cunningham. 2,554,267, May 22.
Electronic control telegraph repeater for hub circuit operation in telegraph service boards. J. T. Neiswinter. 2,553,978, May 22.
Electronic controlled relay. W. D. Macgeorge. 2,548,542, Apr. 10.
Electronic counter. A. H. Dickinson. 2,558,936, July 3.
Electronic counter. A. H. Dickinson. 2,566,933, Sept. 4.
Electronic counter. I. E. Grosdoff. 2,540,442, Feb. 6.
Electronic counter. I. E. Grosdoff. 2,566,831, Sept. 4.

Electronic counter. H. C. Lawrence, Jr. and R. R. Freas, Jr. 2,542,685, Feb. 20.
Electronic counter circuit. R. S. Crenshaw, Jr. 2,549,779, Apr. 24.
Electronic counter, Predetermined. J. T. Potter. 2,574,283, Nov. 6.
Electronic counting arrangement. G. T. Baker. 2,575,087, Nov. 13.
Electronic counting arrangement. B. M. Hadfield. 2,552,781, May 15.
Electronic counting circuit. J. L. Wagner and R. E. Lawhead. 2,562,591, July 31.
Electronic cumulative adder. J. A. Rajchman and G. W. Brown. 2,568,932, Sept. 25.
Electronic device. G. C. Sziklai. 2,577,164, Dec. 4.
Electronic device for measuring physical constants. J. L. Raesler. 2,562,575, July 31.
Electronic device for sound reproduction of musical instruments. F. T. Cooper. 2,565,911, Aug. 28.
Electronic director. H. J. McCreary. 2,567,115, Sept. 4.
Electronic display system. B. Fox. 2,542,021, Feb. 20.
Electronic discharge device. E. Donath. 2,569,154, Sept. 25.
Electronic fence controller. G. D. Hanchett, Jr. 2,567,667, Sept. 11.
Electronic frequency divider apparatus employing delay circuits. O. M. Christensen. 2,568,319, Sept. 18.
Electronic frequency meter. W. H. Bliss. 2,540,505, Feb. 6.
Electronic function generator. F. Rieber. 2,557,691, June 19.
Electronic high vacuum apparatus. E. G. Linder. 2,578,009, Dec. 11.
Electronic indicating system. D. L. Elam. 2,556,471, June 12.
Electronic indicator. E. W. Graham. 2,545,881, Mar. 20.
Electronic integrating circuit. H. W. Lord. 2,541,824, Feb. 13.
Electronic integrating circuit. G. H. Stoner and W. A. Sourwine. 2,542,160, Feb. 20.
Electronic interval timing method and system. M. W. Green. 2,566,085, Aug. 28.
Electronic inverter. G. B. Kidd. 2,547,162, Apr. 3.
Electronic level control. J. A. Long. 2,573,035, Oct. 30.
Electronic measurement means and control device. C. G. Roper and A. G. K. Wilkens. 2,564,175, Aug. 14.
Electronic method and apparatus for determining potential unbalance. J. S. Wapner. 2,570,414, Oct. 9.
Electronic motor speed control. F. V. Wilkins. 2,572,824, Oct. 23.
Electronic multiplex to start-stop extensor. R. D. Slayton. 2,536,578, Jan. 2.
Electronic phase shifter. H. M. Kroft. 2,579,586, Dec. 25.
Electronic phase shifting system. A. E. Canfora. 2,564,559, Aug. 14.
Electronic pulse generator. W. F. Eicher. 2,547,523, Apr. 3.
Electronic purifier. H. I. Machinist. 2,537,774, Jan. 9.
Electronic reactor. C. I. Glassbrook. 2,541,697, Feb. 13.
Electronic regulator circuit. G. F. Ziffer. 2,536,830, Jan. 2.
Electronic relay arrangement for protecting power systems. A. R. Van C. Warrington. Re. 23,430, Nov. 20.
Electronic relay system. G. Keinath and R. K. Hellmann. 2,566,420, Sept. 4.
Electronic sequence space discharge tube network. B. F. Holmes and H. H. Heindel. 2,570,448, Oct. 9.
Electronic speed indicator. B. L. Covert. 2,559,849, July 10.
Electronic storage device. R. C. Hergenrother. 2,548,789, Apr. 10.
Electronic switch. K. Blake. 2,541,399, Feb. 13.
Electronic switch. T. H. Clark. 2,570,208, Oct. 9.
Electronic switch. J. L. Dempsey and R. W. Sonnenfeldt. 2,571,017, Oct. 9.
Electronic switch. B. Fisk and C. L. Spencer. 2,557,085, June 19.
Electronic switch. W. D. Houghton. 2,556,693, June 12.
Electronic switch. E. W. Kammer. 2,543,028, Feb. 27.
Electronic switch. L. A. Meacham. 2,576,026, Nov. 20.
Electronic switch circuit. F. N. Gillette and R. W. Lee. 2,559,499, July 3.
Electronic switching circuit. G. D. Forbes. 2,557,644, June 19.
Electronic switching circuit. B. R. Lester. 2,554,994, May 29.
Electronic switching circuit. R. C. Wittenberg. 2,576,552, Nov. 27.
Electronic synchronizing apparatus. R. Adler. 2,551,308, May 1.
Electronic system for energizing direct-current motors from an alternating-current source. K. P. Puchlowski and J. G. Haneiko. 2,546,014, Mar. 20.
Electronic telegraph repeater. T. L. Walters. 2,561,434, July 24.
Electronic textile control device. W. C. Anderson. 2,569,442, Oct. 2.
Electronic time delay device. G. P. Wachtell. 2,578,273, Dec. 11.
Electronic transfer unit. R. C. Fox and F. S. Beale. 2,542,807, Feb. 20.
Electronic tremulant. F. M. Schmidt. 2,545,432, Mar. 13.
Electronic trigger. A. H. Dickinson. 2,551,103, May 1.
Electronic tube. P. K. Weimer. 2,537,250, Jan. 9.
Electronic-tube socket contact. W. I. Ingham. 2,557,746, June 19.
Electronic tubes with active getters, Manufacturing. H. Bienfait. 2,540,647, Feb. 6.
Electronic voltage regulator. W. T. Chapin. 2,554,977, May 29.
Electronic voltage regulator. J. L. Stratton. 2,569,204, Sept. 25.
Electronic vulcanization of sponge rubber to nonrubber articles. F. H. Mason and S. C. Schott. 2,563,478, Aug. 7.
Electrooptical system, Stabilized. E. W. Peterson. 2,565,265, Aug. 21.
Electroosmotic isolation of streptomycin. J. D. Sartakoff. 2,547,231, Apr. 3.
Electroperforating apparatus. J. W. Meaker and C. H. McShan. 2,538,579, Jan. 16.
Electroperforating sheet material, Method and apparatus for. J. W. Meaker and C. H. McShan. 2,550,366, Apr. 24.
Electrophoretic method of coating wire with graphite. H. W. Rimbach. 2,576,362, Nov. 27.
Electroplating. G. W. Jernstedt. 2,575,712, Nov. 20.
Electroplating. J. M. Kennedy, H. J. Lee, and A. P. Knight. 2,549,610, Apr. 17.
Electroplating and electropolishing apparatus. C. Cupps. 2,546,920, Mar. 27.
Electroplating anode and mount. A. Zanetti and L. C. Testut. 2,539,502, Jan. 30.
Electroplating apparatus. Q. B. Farmer. 2,554,943, May 29.
Electroplating copper. D. A. Holt. 2,541,700, Feb. 13.
Electroplating copper clad stainless steel cooking vessels. H. J. Lee. 2,560,966, July 17.
Electroplating metals. A. E. Chester. 2,548,867, Apr. 17.
Electroplating, Method of and apparatus for. H. J. Reading. 2,569,577, Oct. 2.
Electroplating on aluminum. E. B. McDermott. 2,541,083, Feb. 13.
Electroplating rack. K. R. Midling. 2,541,597, Feb. 13.
Electroplating zinc. A. E. Chester, R. F. Main, and H. F. Hansen. 2,576,999, Dec. 4.
Electroplating zinc. R. F. Main and H. F. Hansen. 2,576,998, Dec. 4.
Electropolish interrupter. E. H. Wallace. 2,564,823, Aug. 21.
Electropolishing. M. A. Treuhaft and C. E. Swanson. 2,549,946, Apr. 24.
Electropolishing. H. J. Wiesner. 2,549,737, Apr. 17.
Electropolishing composition and process. W. J. Neill. 2,542,779, Feb. 20.
Electropolishing of metals. H. B. Smith. 2,559,263, July 3.
Electropolishing steel. C. J. Wernlund. 2,565,189, Aug. 21.
Electroresponsive device with time delay. J. F. O'Brien and E. Podhorzer. 2,540,135, Feb. 6.
Electrostatic coating method and apparatus. H. P. Ransburg. 2,559,225, July 3.
Electrostatic deposition of elastomer material. E. P. Miller. 2,551,035, May 1.
Electrostatic dust precipitator. I. R. Cummings. 2,579,552, Dec. 25.
Electrostatic generator. L. J. Giacoletto and I. Wolff. 2,567,373, Sept. 11.
Electrostatic generator. S. Hansen. 2,545,354, Mar. 13.
Electrostatic generator. C. M. Turner. 2,578,908, Dec. 18.
Electrostatic machine. N. Felici. 2,540,327, Feb. 6.
Electrostatic machine. N. Felici. 2,542,494, Feb. 20.
Electrostatic precipitator. R. T. Palmer. 2,579,440–1, Dec. 18.
Electrostatic precipitator. E. L. Richardson. 2,542,262, Feb. 20.
Electrostatic precipitator. W. J. Roos. 2,548,497, Apr. 10.
Electrostatic precipitator. W. J. Roos and R. W. Warburton. 2,556,982, June 12.
Electrostatic precipitator. R. W. Warburton. 2,567,899, Sept. 11.
Electrostatic precipitator. R. W. Warburton. 2,571,079, Oct. 9.
Electrostatic precipitator. R. W. Warburton. 2,579,445, Dec. 18.
Electrostatic precipitator. T. A. Weisz. 2,565,458, Aug. 21.
Electrostatic printing method and apparatus. W. J. Hooper. 2,558,900, July 3.
Electrostatic separator. J. H. Carpenter. 2,548,771, Apr. 10.
Electrostatic smoking device. K. W. MacKenzie and G. E. Andrews. 2,565,454, Aug. 21.
Electrostatic sorting of seeds by color. F. Okolicsanyi. 2,536,693, Jan. 2.
Electrostatic voltage generator. C. Bosch. 2,577,446, Dec. 4.
Electrosteam actuator. J. W. Dickey. 2,578,992, Dec. 18.
Electrostimulator, Therapeutic. R. Reiter. 2,558,270, June 26.
Electrotherapeutic impulse generator. A. Nemet and M. Berindel. 2,576,634, Nov. 27.

Electro-type straightener with rocking plate sections. A. W. Merk. 2,562,565, July 31.
Electrovibrant high-voltage supply. A. C. Christy. 2,578,043, Dec. 11.
Electrowinning chromium. G. Westby. 2,577,833, Dec. 11.
Element and accessory of power plants. S. Gilbert and J. R. Anderson. 2,544,151, Mar. 6.
Element for recording photographic images. A. B. Jennings and O. W. Murray. 2,567,712, Sept. 11.
Element of asymmetric conductivity of selenium. R. Doucot. 2,554,979, May 29.
Elevated tank. J. F. Mummert. 2,567,958, Sept. 18.
Elevating and tilting device, Wagon box. C. F. Walsh. 2,549,996, Apr. 24.
Elevating device. A. J. Nanninga. 2,556,100, June 5.
Elevating device for table tops. J. G. Weber. 2,570,183, Oct. 9.
Elevating mechanism and brake control for refrigerator shelf frames. D. Collins. 2,549,664, Apr. 17.
Elevating roundabout. E. C. Hall. 2,572,859, Oct. 30.
Elevation adjustment for gun-mounted telescopes. E. L. Livermore. 2,569,183, Sept. 25.
Elevation indicator. J. D. Eisler. 2,552,890, May 15.
Elevator. I. R. Wenner. 2,557,623, June 19.
Elevator and conveyer for pulverulent material, Pneumatic. R. Jackson. 2,544,534, Mar. 6.
Elevator, Bale. J. V. Brosamer. 2,563,514, Aug. 7.
Elevator, Bed. F. G. Lang. 2,545,289, Mar. 13.
Elevator, Bucket. S. T. Transeau. 2,557,325, June 19.
Elevator closure operating mechanism. W. Armstrong. 2,578,459, Dec. 11.
Elevator, Coal feeder. G. Baechli. 2,543,518, Feb. 27.
Elevator, Desk. M. Fox. 2,545,949, Mar. 20.
Elevator door control mechanism. J. A. Schweig. 2,579,017, Dec. 18.
Elevator door operating mechanism. A. E. Raqué. 2,572,196, Oct. 23.
Elevator drive and control, Hydraulic. G. D. Pettengill and S. V. Fletcher. 2,565,880, Aug. 28.
Elevator, Fireplace fuel. R. J. Duford. 2,553,962, May 22.
Elevator for bales, crates, and the like, Loading. E. H. Skelton. 2,549,990, Apr. 24.
Elevator, Grain. E. C. Shriver and H. H. Dailey. 2,558,006, June 26.
Elevator, Inclined. W. J. Miller. 2,563,260, Aug. 7.
Elevator leg belt stop. A. S. Graham. 2,551,940, May 8.
Elevator, Life saving. M. Tarasiuk. 2,557,483, June 19.
Elevator loader for vehicles, Tail gate. K. W. Kern. 2,576,881, Nov. 27.
Elevator mechanism. R. F. Collins. 2,579,364, Dec. 18.
Elevator, Portable. D. L. Lawson. 2,552,192, May 8.
Elevator, Portable. L. B. Neighbour and H. C. Esbeck. 2,568,865, Sept. 25.
Elevator, Portable agricultural. W. Vutz. 2,553,488, May 15.
Elevator, Portable freight. S. G. Stokes. 2,561,242, July 17.
Elevator, Portable grain and hay. C. B. Grahl. 2,538,308, Jan. 16.
Elevator protective device. C. R. Schmidt. 2,557,843, June 19.
Elevator, Safety. R. M. Gammell. 2,545,457, Mar. 20.
Elevator, Self-lifting car. J. G. Hayden. 2,538,517, Jan. 16.
Elevator structure comprising interconnected conveyer sections. L. B. Neighbour and H. C. Esbeck. 2,557,612, June 19.
Elevator structure for crop harvesters. S. E. Hill. 2,537,187, Jan. 9.
Elevator system, Automatic. W. S. Fish and R. D. McCoy. 2,557,179, June 19.
Elevator system having accelerated response for priority floor calls. D. Santini, A. Nelson, and J. Suozzo. 2,565,632, Aug. 28.
Elevator system having selective operating modes. J. Suozzo. 2,568,418, Sept. 18.
Elevator system, Zoned. D. Santini, A. M. Nelson, and J. Suozzo. 2,575,732, Nov. 20.
Elevator, Tail gate. W. M. Woodward. 2,553,156, May 15.
Elevator, Well pipe. C. A. Lundeen and R. T. Todd. 2,563,851, Aug. 14.
Elevator with tensioning means for raising conveyer chute, Portable. B. M. Hyman. 2,573,908, Nov. 6.
11-ketopregnenes and producing them. L. H. Sarett. 2,540,964, Feb. 6.
11-oxabicyclo[4.4.1]undecanes and their preparation. C. W. Theobald. 2,544,737, Mar. 13.
Eliminating contamination in vacuum tubes. A. H. Briganti and C. E. Buchwald. 2,560,273, July 10.
Eliminating higher-boiling-point impurities prior to rectification of a gas mixture, Process and apparatus for. R. W. Houvener. 2,572,933, Oct. 30.
Eliminating stain in photographic color material. D. B. Kimball and W. H. McDowell. 2,571,725, Oct. 16.
Elimination of deformation during surface hardening. J. Stivin. 2,570 883, Oct. 9.
Elimination of hydrogen from heats of killed steel. C. R. Taylor and C. F. Staley. 2,548,849, Apr. 10.
Elimination of tricords in toll exchanges. A. J. Henquet and R. M. Mauge. 2,568,733, Sept. 25.
Elimination of viscous drag in a magnetic fluid clutch. D. C. Prince. 2,541,831, Feb. 13.
Ellipsograph. W. H. Christie. 2,574,464, Nov. 13.
Elongated service box. A. W. Cranfill. 2,545,228, Mar. 13.
Embalmer's jowl holder. A. E. Wright. 2,576,871, Nov. 27.
Embalmer's lip holder. A. E. Wright. 2,576,870, Nov. 27.
Embalming apparatus. G. G. Mitchell. 2,569,016, Sept. 25.
Embalming material. C. A. Noll. 2,555,504, June 5.
Embalming preparation. A. E. Landau and F. X. Grossi. 2,564,366, Aug. 14.
Embalming table. S. G. Hoffman. 2,576,116, Nov. 27.
Emblem, Mourning. H. Houser. 2,570,678, Oct. 9.
Embossed sheet metal service connector. J. Rogoff. 2,547,663, Apr. 3.
Embossing film and coatings produced from heat curable elastomers. S. W. Kober. 2,579,044, Dec. 18.
Embroidery aid and frame. R. Salz. 2,575,470, Nov. 20.
Embroidery kit. C. Rabinowitz. 2,558,386, June 26.
Emergency brake operated switch. A. C. Miller. 2,572,742, Oct. 23.
Emergency communication system, particularly for mines. N. F. Agnew. 2,566,106, Aug. 28.
Emergency fender light. R. T. Holland. 2,557,872, June 19.
Emergency flare light. P. A. Veek. 2,543,079, Feb. 27.
Emergency fuel tank. F. Solicito. 2,579,979, Dec. 25.
Emergency means for supplying fuel to internal-combustion engines. J. A. Smit. 2,561,238, July 17.
Emergency release for locking devices. I. W. Vensel. 2,571,969, Oct. 16.
Emergency road signal. H. Bernstein. 2,557,859, June 19.
Emergency stop system. A. J. Winchester, Jr., and W. T. Hunt, Jr. 2,571,982, Oct. 16.
Emergency wheel. J. C. Weaver. 2,566,007, Aug. 28.
Emergency wheel brake. O. J. Blattner. 2,562,521, July 31.
Emery board. S. T. Collier. 2,573,310, Oct. 30.
Emetine penicillin. A. P. Granatek. 2,578,536, Dec. 11.
Emulsifier device. I. L. Lopata. 2,552,195, May 8.
Emulsifying agent, making said emulsifying agent, and water-in-oil emulsion using said emulsifying agent. S. H. Bertram. 2,552,706, May 15.
Emulsifying fluids, Method and apparatus for. E. M. Irwin. 2,577,247, Dec. 4.
Emulsion and applying same, Stain-filler. J. R. Fisher, Jr. and J. E. Price. 2,565,602, Aug. 28.
Emulsion breaking. W. H. Kirkpatrick and D. L. Wilson. 2,568,746, Sept. 25.
Emulsion breaking. W. A. Krewer and G. W. Ayers. 2,542,147, Feb. 20.
Emulsion concentrate of a biological toxicant. M. Kosmin. 2,552,187, May 8.
Emulsion drilling mud. H. H. Kaveler. 2,578,888, Dec. 18.
Emulsion fluid for drilling wells. J. I. Gates and W. M. Wallis. 2,557,647, June 19.
Emulsion for flame-proofing fabrics, Oil-in-water type. F. Fordemwalt. 2,536,978, Jan. 2.
Emulsion paint, Preparation of an. E. V. Damboise. 2,563,991, Aug. 14.
Emulsion polymerization of certain vinyl compounds using a mercaptan modifier, a hydroperoxide catalyst, and oxygen. E. J. Vandenberg. 2,569,506, Oct. 2.
Emulsion polymerization of diolefins in the presence of selected polymerization regulators. C. H. Portser, Jr. 2,562,944, Aug. 7.
Emulsion polymerization of long-chain vinyl esters. D. Swern, E. F. Jordan, Jr., and W. S. Port. 2,562,965, Aug. 7.
Emulsion polymerization of unsaturated organic compounds. A. E. Drake. 2,569,462, Oct. 2.
Emulsion polymerization of unsaturated organic compounds. A. E. Drake. 2,569,884, Oct. 2.
Emulsion polymerization of unsaturated organic compounds. E. J. Lorand. 2,569,480, Oct. 2.
Emulsion polymerization of vinyl halides. P. Halbig. 2,570,056, Oct. 2.
Emulsion polymerization of vinylidene compounds. W. L. J. de Nie. 2,537,334, Jan. 9.
Emulsion polymerization process. H. F. Park. 2,580,315, Dec. 25.
Emulsion polymerization with a catalyst comprising a diazo thioether and a ferricyanide. C. F. Fryling and W. B. Reynolds. 2,546,220, Mar. 27.
Emulsion polymerization with pentazdienes. J. E. Wicklatz. 2,564,632, Aug. 14.
Emulsion process. V. S. Salvin and J. R. Adams, Jr. 2,546,169, Mar. 27.
Emulsion separator. J. C. Vanden Berg. 2,564,936, Aug. 21.
Emulsions. M. van der Waarden. 2,577,218, Dec. 4.
Emulsions containing color formers capable of yielding nonmigratory azine dyestuffs, Light-sensitive. A. C Starke, Jr. 2,569,906, Oct. 2.
Emulsions containing hydrazine derivatives as emulsifying agents, Aqueous. L. F. Audrieth and P. H. Mohr. 2,544,772, Mar. 13.

Emulsions containing organic esters of phosphorus acids, Nonaqueous insecticidal. W. J. Yates, F. B. Folckemer, and W. A. Simanton. 2,545,186, Mar. 13.
Emulsions of ethylene polymers and interpolymers and making same. L. Seed. 2,542,783, Feb. 20.
Emulsions of water-insoluble organic acid-fading inhibitors dissolved in water-insoluble organic solvents. W. J. Hart and V. S. Salvin. 2,546,168, Mar. 27.
Enamel, Antifouling pipe line. A. Holmes. 2,580,025, Dec. 25.
Enamel opacifier and use. W. J. Baldwin. 2,537,955, Jan. 16.
Enamel opacifier and using. W. J. Baldwin. 2,537,956, Jan. 16.
Enameling aluminum-rich alloys. A. J. Deyrup and J. H. Peterson. 2,544,139, Mar. 6.
Enameling of concrete materials. W. S. Ramsay. 2.579,050, Dec. 18.
Enamels for the decoration of glass and of making, Vitrifiable. F. E. Kerridge. 2,557,545, June 19.
Encapsulated member. C. F. Hill and N. C. Foster. 2,549,309, Apr. 17.
Encasing cylindrical articles in paper bags, Apparatus and process for. H. L. Ortstein. 2,568,593, Sept. 18.
Encasing means for furnaces. J. J. Hricko. 2,561,661, July 24.
Enclosed chain conveyor hanger. S. S. Barker. 2,562,406, July 31.
Enclosed rotating signal light. E. W. Gosswiller. 2,578,239, Dec. 11.
Enclosed variable condenser. H. C. M. Longacre. 2,556,846, June 12.
End cap for fluid fuel combustors. W. Garber. 2,555,865, June 5.
End closure for knitted metallic mesh scouring devices. B. A. Kingman. 2,553,051, May 15.
End closures for insulated pipes, Making. A. H. Isenberg and R. E. Hedges. 2,545,030, Mar. 13.
End connection for energy absorbers. R. N. Janeway and W. Van Der Sluys. 2,574,788, Nov. 13.
End connection for wrist watch straps and bracelets. W. J. Pfeifer. 2,567,398, Sept. 11.
End dam for centrifugal pipe molds. J. Boucher. 2,548,464, Apr. 10.
Endgate and supporting frame for wagon bodies. M. Podnar. 2,543.257, Feb. 27.
Endgate construction. R. H. Breitbarth. 2,573,395, Oct. 30.
Endgate for vehicle mounted grain tanks. W. G. Weatherly. 2,544,117, Mar. 6.
End grinding of bearing rollers. T. A. Olson. 2,572,187, Oct. 23.
End gripper for cloth laying-up machines. F. C. Booth. 2,539.722, Jan. 30.
End hardening of rails. A. C. Chamberlin and R. M. Weigle. 2,573,308, Oct. 30.
End hook. J. H. Zeeven. 2,571,402, Oct. 16.
End mill sharpening fixture. C. J. Hertlein. 2,569,855, Oct. 2.
End play device for dynamoelectric machines. W. P. Keiser. 2,564,307, Aug. 14.
Endstone cap assembly. E. W. Drescher. 2,561,690, July 24.
End stop for slide fasteners. A. M. Brown. 2,563,454, Aug. 7.
End stop for slide fasteners, Manually applicable. A. E. Carlile. 2,562,173, July 31.
End table for chairs. Removable. W. D. Himes. 2,566,201, Aug. 28.
End thrust and torque transmitting coupling. E. R. Holloway. 2,551,837, May 8.
Endless belt filter. J. G. Wallny. 2,549,729, Apr. 17.
Endless breaker plate structure for crushers. E. H. Keiper. 2,575,057, Nov. 13.
Endless chain of counting relays. J. I. Bellamy. 2.574,904, Nov. 13.
Endless metal belt and making the same. D. B. Bradner, W. B. Stoddard, Jr., and P. S. Blickensderfer. 2,569,367, Sept. 25.
Endless tool carrier chain. C. A. Wiken and E. A. Reibig. 2,552,611, May 15.
Endless track for vehicles. L. W. Tripp. 2,561,678, July 24.
Endless V belts, Manufacture of. A. J. Garbin. 2,569,303, Sept. 25.
Endobronchial intubating stylet. C. W. Caine. 2,541,402, Feb. 13.
Endorsing machine. G. L. McCarthy. 2,550,644, Apr. 24.
Enema apparatus. M. E. Stack. 2,538,215, Jan. 16.
Energizing circuit for servo systems. M. L. Greenough. 2,544,922, Mar. 13.
Energizing device for use with fluorescent lamp assemblies, Silent. B. K. Naster. 2,545,163, Mar. 13.
Engaging and driving rotated workpieces. E. R. Smith. 2,576,704, Nov. 27.
Engaging device for mechanical relays. U. Sabatini and V. Ciampolini. 2,539,328, Jan. 23.

Engine: *See*—
- Air-cooled internal-combustion engine.
- Auxiliary steam engine.
- Balanced double-acting engine.
- Carding engine.
- Compressed fluid operated engine.
- Counterbalanced and counteraction internal-combustion engine.
- Dual fuel engine.
- Dual fuel internal-combustion engine.
- Free piston engine.
- Fuel injection engine.
- Gas engine.
- Gas-turbine engine.
- Inter-combustion engine.
- Internal-combustion engine.
- Jet propulsion engine.
- Multicircuit quarter wave pulse jet engine.
- Multiple expansion steam engine.
- Multiple fuel internal-combustion engine.
- Multipurpose internal-combustion engine.
- Opposed piston engine.
- Piston engine.
- Pressure fluid engine.
- Rotary engine.
- Rotary internal-combustion engine.
- Ruling engine.
- Single-acting reciprocating engine.
- Turbine type internal-combustion engine.
- Two-cycle double-acting engine.
- Two-stroke engine.
- Two-stroke internal-combustion engine.
- Valve-controlled four-stroke cycle internal-combustion engine.
- Valveless intermittent ram-jet engine.
- Variable compression ratio engine.
- Variable stroke engine.

Engine. J. P. Butterfield. 2,571,198, Oct. 16.
Engine. C. E. Leja. 2,559,079, July 3.
Engine. J. B. Platner. 2,562,639, July 31.
Engine accessory testing method and apparatus. B. Rozett. 2,570,488, Oct. 9.
Engine adapter and support. E. L. Cline. 2,565,473, Aug. 28.
Engine and auxiliary fluid power system for vehicles. M. Mallory. 2,544,606, Mar. 6.
Engine and crank shaft therefor, Internal-combustion. P. A. Lebeda. 2,554,993, May 29.
Engine and operating same, Internal-combustion. A. J. Paris, Jr. 2,543,194, Feb. 27.
Engine and supercharger, Combined internal-combustion. A. S. King. 2,547,327, Apr. 3.
Engine balancer. A. A. Zuhn. 2,566,476, Sept. 4.
Engine combined with pump, Double-acting piston. A. L. Kane and A. L. Kemp. 2,538,726, Jan. 16.
Engine comprising one or more closed cycles, Hot-gas piston. A. Horowitz and C. H. Buitenhuis. 2,564,363, Aug. 14.
Engine control apparatus for starting, stopping, running, and reversing. R. R. Stevens. 2,580,369, Dec. 25.
Engine control apparatus, Internal-combustion. W. A. Kysor. 2,565,563, Aug. 20.
Engine control apparatus, Reversible. R. T. Whitney. 2,558,891, July 3.
Engine control mechanism. H. F. Baker. 2,572,096, Oct. 23.
Engine control, Supercharged. C. M. Elliott and E. P. Wise. 2,559,859, July 10.
Engine control system. W. J. Rady and L. A. Rice. 2,542,703, Feb. 20.
Engine controller. J. Dolza, P. W. Perish, and D. P. Croisant. 2,563,822, Aug. 14.
Engine controller. C. H. Jorgensen and W. H. Taylor. 2,565,968, Aug. 28.
Engine controller. C. H. Jorgensen and W. H. Taylor. 2,575,345, Nov. 20.
Engine controller, Airplane. P. L. Schneider. 2,563,283, Aug. 7.
Engine cooling. B. A. de Waern. 2,545,807, Mar. 20.
Engine cooling and lubricating system and apparatus, Hydraulic. S. C. Moon. 2,554,047, May 22.
Engine cooling, cylinder jacket, and head construction. C. G. A. Rosen, C. R. Maxwell, C. H. Paul, and R. J. Furstoss. 2,572,392, Oct. 23.
Engine cooling system. F. S. Young. 2,570,418, Oct. 9.
Engine cooling system, Aircraft. H. E. Hotz and R. B. Gelbard. 2,548,794, Apr. 10.
Engine cowling. J. C. Duffendack, Jr., and W. W. Tjossem. 2,550,337, Apr. 24.
Engine crankcase cooling system. W. W. Klier. 2,575,877, Nov. 20.
Engine cylinder lubrication, Internal-combustion. H. O. Hedges. 2,556,273, June 12.
Engine detonation control by acoustic methods and apparatus. A. G. Bodine, Jr. 2,573,536, Oct. 30.
Engine driven vapor compression still. J. C. Cleaver, D. M. McBean, and J. V. Resek. 2,537,259, Jan. 9.
Engine for model airplanes, Jet propulsion. J. B. Robins. 2,547,095, Apr. 3.
Engine for producing reciprocatory motion having substantially constant velocity except during reversals. V. R. Noll. 2,574,751, Nov. 13.
Engine generation of synthesis gas. J. B. Malin. 2,543,791, Mar. 6.
Engine governor. G. B. Grim and K. J. Fleck. 2,539,738, Jan. 30.
Engine governor, Internal-combustion. T. M. Ball. 2,544,520, Mar. 6.
Engine having a reciprocating piston cylinder and a reciprocating piston in such cylinder, Expansible chamber. J. Demattеis. 2,569,293, Sept. 25.
Engine having coaxial compressor and power pistons, Two-cycle. H. G. Spier. 2,545,499, Mar. 20.
Engine having low fuel-air ratio producing low turbine inlet temperature, Turbo-supercharged high compression. R. L. Boyer. 2,565,198, Aug. 21.
Engine having variable area inlets, Ram jet. N. C. Price. 2,540,594, Feb. 6.

Engine heat booster brake. H. J. Findley. 2,541,227, Feb. 13.
Engine lathe. S. A. Brandenburg. 2,546,687, Mar. 27.
Engine lubricating system. L. B. Goodall. 2,539,619, Jan. 30.
Engine mechanism, Toggle action. O. Lindland. 2,539,258, Jan. 23.
Engine mount, Aircraft. J. F. Korsberg. 2,565,733, Aug. 28.
Engine mount and ignition wiring manifold, Combined. R. W. Stelzel. 2,543,135, Feb. 27.
Engine mounting for automobiles. J. M. Salwin. 2,538,214, Jan. 16.
Engine muffler. C. L. Gardner. 2,538,450, Jan. 16.
Engine of the helical piston type, Rotary internal-combustion. H. D. Canazzi and W. S. Pawl. 2,553,548, May 22.
Engine of the liquid fuel injection type, Internal-combustion. F. J. Kogel. 2,561,628, July 24.
Engine oil-cooling means. S. Alexander. 2,554,437, May 22.
Engine oil filter. V. V. Mason. 2,549,698, Apr. 17.
Engine operated on the two-stroke cycle, Internal-combustion. H. Sammons and L. F. Hall. 2,573,989, Nov. 6.
Engine operating on the four-stroke cycle with compression ignition, Internal-combustion. H. R. Ricardo. 2,545,793, Mar. 20.
Engine operating on the two-stroke cycle with compression ignition, Internal-combustion. H. R. Ricardo and G. A. Holt. 2,542,707, Feb. 20.
Engine preheater. J. R. Gardner, E. W. Landen, F. Middleton, and C. H. Paul. 2,561,467, July 24.
Engine pressure control. F. W. Kerfoot. 2,563,823, Aug. 14.
Engine pressure control mechanism having housing containing an evacuated bellows and a vented bellows. K. A. Browne. 2,560,210, July 10.
Engine pressure regulator. C. H. Jorgensen and L. C. Dermond. 2,572,865, Oct. 30.
Engine reciprocating unit. E. V. Rippingille. 2,563,371, Aug. 7.
Engine regulating device. F. C. Reggio. 2,542,839, Feb. 20.
Engine regulating system. J. D. Gleitz. 2,566,188, Aug. 28.
Engine room telegraph. H. H. Curry. 2,579,476, Dec. 25.
Engine silencer with transverse baffle structure. F. H. Kyffin. 2,576,522, Nov. 27.
Engine speed control, Internal-combustion. M. Mallory. 2,544,463, Mar. 6.
Engine speed governor. D. I. Bohn. 2,568,380, Sept. 18.
Engine starter. R. H. Foster and C. H. Havill. 2,563,999, Aug. 14.
Engine starter. S. Gilbert. 2,571,230, Oct. 16.
Engine starter. D. M. Moody. 2,553,930, May 22.
Engine starter, Aircraft. T. Jackson. 2,547,010, Apr. 3.
Engine starter and the like. C. S. Metsger. 2,553,201, May 15.
Engine starter control, Semiautomatic. J. E. Buxton. 2,556,063, June 5.
Engine starter control system. B. H. Short and J. W. Dyer. 2,572,397, Oct. 23.
Engine starter, Direct cranking. S. Gilbert and F. H. Miller. 2,566,445, Sept. 4.
Engine starter drive. J. J. Digby. 2,561,977, July 24.
Engine starter drive. P. L. Schneider, D. W. Nighbert, and H. J. Cromwell. Re. 23,359, Apr. 17.
Engine starter for automotive vehicles. G. L. Du Rostu. 2,558,831, July 3.
Engine starter gearing. J. E. Buxton. 2,569,401, Sept. 25.
Engine starter gearing. J. J. Digby. 2,571,018, Oct. 9.
Engine starter gearing. D. L. Miller. 2,554,445, May 22.
Engine starter jaw meshing mechanism. R. E. Sears. 2,578,094, Dec. 11.
Engine starter meshing means. C. S. Metsger. 2,548,268, Apr. 10.
Engine starter meshing means. C. S. Metsger. 2,561,940, July 24.
Engine starter, Remote-control. A. R. Perkins. 2,569,332, Sept. 25.
Engine starting apparatus. P. L. Schneider and D. H. Dudderar. 2,542,712, Feb. 20.
Engine starting device. L. D. Boyce. 2,540,607, Feb. 6.
Engine starting device. G. R. Ericson. 2,563,645, Aug. 7.
Engine starting device. G. Levesque du Rostu. 2,555,451, June 5.
Engine starting equipment, Automatic. H. G. Haines. 2,550,414, Apr. 24.
Engine starting gearing. A. R. Tobias. 2,569,267, Sept. 25.
Engine starting mechanism. W. A. Bevis and E. H. C. Thorpe. 2,539,179, Jan. 23.
Engine starting mechanism. R. M. Nardone. 2,568,404, Sept. 18.
Engine suspension. F. S. Thomas, Jr. 2,574,602, Nov. 13.
Engine synchronizer, Automatic. H. J. Nichols. 2,557,991, June 26.
Engine synchronizer device. R. C. Treseder. 2,543,077, Feb. 27.
Engine transmission, Adjustable multiple. S. W. Webster. 2,541,625, Feb. 13.
Engine-warming mechanism, Automatic. C. E. Lincoln. Re. 23,340, Feb. 13.
Engine with automatically controlled heating means, Hot-gas. H. Rinia, H. de Brey, and W. J. van Heeckeren. 2,564,097, Aug. 14.
Engine with axially expansible exhaust duct controlling area of exhaust bypass gap, Turbo-jet. D. N. Walker. 2,564,042, Aug. 14.
Engine with compound head, Internal-combustion. E. M. Waring. 2,559,484, July 3.
Engine with energy storing means, Internal-combustion. R. M. King. 2,559,970, July 10.
Engine with finned cylinder head, Hot gas. I. Lubbock and W. Tipler. 2,557,607, June 19.
Engine with gear and hydraulic accessory drive system, Main and starting. B. Beaman, R. A. Stein, and J. Hulman. 2,557,933, June 26.
Engine with generator, Radial. G. D. Angle. 2,543,541, Feb. 27.
Engine with liquid cooled exhaust ducts, Turbocharged two-cycle. F. B. Yingling. 2,551,307, May 1.
Engine with means for supplying auxiliary air, Standing wave heat. A. G. Bodine, Jr. 2,543,758, Mar. 6.
Engine with movable wave reflecting means, Pulse jet standing wave. A. G. Bodine, Jr. 2,546,965, Apr. 3.
Engine with retarded firing, Supercharged two-cycle. B. T. Wagers. 2,551,478, May 1.
Engine with speed and power control, Traction hot-gas. H. Rinia, H. de Brey, and F. L. van Weenen. 2,579,702, Dec. 25.
Engine with starting means and starting same, Supercharged internal-combustion. F. Nettel. Re. 23,444, Dec. 18.
Engine with turbine and supercharger controls. W. A. Kuhrt and D. S. Hersey. 2,542,539, Feb. 20.
Engineer's point finder. E. W. Carlson and V. J. Flink. 2,575,245, Nov. 13.
Engraving machine. O. Bachmann. 2,561,436, July 24.
Engraving machine. O. Bachmann. 2,579,290, Dec. 18.
Engraving machine. W. J. Larson. 2,551,953, May 8.
Engraving machine, Pattern-controlled wallboard. L. A. Martinez. 2,536,650, Jan. 2.
Engraving machine, Pantograph. D. H. Hearle. 2,544,225, Mar. 6.
Engraving sound tracks on a support and reproducing sounds by scanning said tracks. G. Chancenotte. 2,546,850, Mar. 27.
Enhancing the feed value of distillers' slop. E. C. Pattee. 2,567,258, Sept. 11.
Ensiling vegetable products. K. P. Kalis. 2,546,101, Mar. 20.
Enteric coating. H. A. Clymer and D. R. MacDonnell. 2,540,979, Feb. 6.
Enteric composition and making same. H. H. Bogin and E. R. Jones. 2,553,806, May 22.
Entertainment device, Electronic musical. L. A. Meacham. 2,544,466, Mar. 6.
Entrainment separator. J. W. Packie and C. O. Rhys, Jr. 2,547,769, Apr. 3.
Entrance-exit route interlocking control apparatus. R. A. McCann. 2,567,887, Sept. 11.
Envelope. M. L. Boling. 2,568,786, Sept. 2.
Envelope. J. A. Russo. 2,573,610, Oct. 30.
Envelope and letter paper, Combination. N. Hodska. 2,549,199, Apr. 17.
Envelope dispenser. R. M. Cain. 2,571,831, Oct. 16.
Envelope feeder. J. R. Lauffer. 2,554,577, May 29.
Envelope feeding machine. J. R. Lauffer. 2,554,578, May 29.
Envelope feeding mechanism. A. Novick. 2,572,509, Oct. 23.
Envelope for electric devices. A. Koerbis. 2,569,723, Oct. 2.
Enzymatic method of making pectic preparation. H. T. Leo and C. C. Taylor. 2,540,050, Jan. 30.
Enzyme production. J. Corman. 2,557,078, June 19.
Epicyclic mechanism. R. P. Harshberger. 2,577,081, Dec. 4.
Epicyclic mechanism. R. P. Harshberger. 2,578,801, Dec. 18.
Epoxide preparation. J. D. Zech. 2,538,072, Jan. 16.
Epoxidized oils. D. Swern and T. W. Findley. 2,569,502, Oct. 2.
Epoxy compounds by oxidation of cis-monoolefine compounds, Preparation of. T. W. Findley and D. Swern. 2,567,930, Sept. 18.
Epoxy-hexenylidene imines and insecticidal compositions thereof. R. R. Whetstone. 2,566,815, Sept. 4.
Equal arm balance. W. C. Griffin. 2,567,161, Sept. 4.
Equalizer for transmission lines. K. W. Pfleger. 2,550,595–6, Apr. 24.
Equalizer for vehicles, Front-wheel. D. B. Gayken. 2,545,230, Mar. 13.
Equalizing and aligning mechanism for gauges. A. Eisele. 2,565,844, Aug. 28.
Equation solver. M. E. Droz. 2,558,425, June 26.
Equation solver, Linear simultaneous. C. E. Berry. 2,557,070, June 19.
Equation solver, Polynomial. E. A. Goldberg. 2,558,430, June 26.
Equipment for forming of small glass articles. V. Adam. 2,564,516, Aug. 14.

Equipment for inserting small flexible tubing into high-pressure wells. G. H. Calhoun and H. Allen. 2,567,009, Sept. 4.
Equipment for instruction in instrument flying. C. E. Schwaneke. 2,567,973, Sept. 18.
Equipment for molding elongated articles from plastic materials. L. L. Stott and E. E. Montross. 2,570,284, Oct. 9.
Equipment for regenerating odor absorbents. F. Schneider. 2,551,296, May 1.
Equipment for removal of entrained solids. B. E. Bailey. 2,574,370, Nov. 6.
Equipment for use in handling invalids. J. H. Thompson. 2,578,382, Dec. 11.
Equipment of trawling vessels. C. D. Burney. 2,579,787, Dec. 25.
Eraser. H. G. Lehmann. 2,559,884, July 10.
Eraser. J. G. Weiss. 2,569,704, Oct. 2.
Eraser for typewriters and the like, Mechanically operated. W. H. Taylor. 2,558,280, June 26.
Eraser, Mechanical. B. Burns. 2,541,401, Feb. 13.
Erasing device. R. Jenny. 2,545,282, Mar. 13.
Erasing device. R. Jenny. 2,564,604, Aug. 14.
Erasing device. R. F. Shea and V. C. Barnett. 2,551,469, May 1.
Erasing head for magnetic recorders. D. R. Andrews. 2,550,753, May 1.
Erasing system for magnetic recorders. H. F. Schoemehl. 2,560,483, July 10.
Erecting mechanism for reducing turn errors in vertical gyroscopes. J. S. Adkins. 2,542,975, Feb. 27.
Erecting reinforced concrete structures. L. T. Dunning. 2,571,549, Oct. 16.
Erecting system and mounting therefor, Optical image. S. and M. Clavé. 2,558,236, June 26.
Erection of buildings. H. Howard-Smith. 2,578,631, Dec. 11.
Erection system for gyroscopes. P. A. Noxon and J. A. Mead. 2,553,268, May 15.
Error compensator. J. E. Lundberg and G. A. Wallace. 2,570,826, Oct. 9.
Error-detecting and correcting system. R. W. Hamming and B. D. Holbrook. 2,552,629, May 15.
Error detector for telegraph printers. J. A. Herbst. 2,557,964, June 26.
Escalator. W. F. Masek. 2,545,740, Mar. 20.
Escalator handrail. W. F. Masek and W. F. Richardson. 2,578,566, Dec. 11.
Escalator rail guard. O. Felix, G. L. Meyers, and E. D. Boisselier. 2,550,918, May 1.
Escapement device. T. L. D. Lynxwiler. 2,538,022, Jan. 16.
Escapement mechanism. C. F. Clifford. 2,554,523, May 29.
Escapement mechanism. G. E. Nicholson and J. B McGay. 2,562,635, July 31.
Escapement mechanism for typewriters. C. Balzeau and R. Mousset. 2,551,234, May 1.
Escapement mechanism for typewriting and like machines. H. C. Yaeger. 2,536,619, Jan. 2.
Escutcheon and anchoring plate therefor. A. Erkkila. 2,536,494, Jan. 2.
Escutcheon for handles. G. E. Dey. 2,553,639, May 22.
Escutcheon with key guide. F. Martin. 2,563,950, Aug. 14.
Establishing markers in boreholes. H.-G. Doll. 2,550,004, Apr. 24.
Establishing the hardness of metal surfaces. M. A. A. Wills. 2,541,974, Feb. 13.
Ester-amides of amino-hydroxy compounds and derivatives thereof. W. A. Jordan and S. H. Shapiro. 2,559,440, July 3.
Ester of 1,2,4-butanetriol, Preparing. C. H. Stiteler and P. O. Tawney. 2,578,647, Dec. 11.
Esterification of certain aromatic polycarboxylic acids. R. J. Miller and P. C. Condit. 2,578,312, Dec. 11.
Esterification with allyl type alcohols. E. L. Derr and J. C. Illman. 2,557,639, June 19.
Esterlike anhydride of hydroxynaphthalene tetrasulfonic acid. H. Bretscher. 2,578,967, Dec. 18.
Esterlike derivatives of ortho : ortho'-dihydroxy-monoazo dyestuffs, Manufacture of. W. Widmer and A. Heckendorn. 2,559,331, July 3.
Esters and polyesters, Production of. J. G. N. Drewitt and J. Lincoln. 2,551,732, May 8.
Esters from olefinic compounds, carbon monoxide, hydrogen and organic carboxylic acids, Production of. W. F. Gresham and R. E. Brooks. 2,549,455, Apr. 17.
Esters, Mixed. L. Shechter and A. S. Burhans. 2,551,767, May 8.
Esters of acetoethyl-malonic acids and process. B. H. Kress. 2,540,267, Feb. 6.
Esters of aliphatic dibasic acids and ether-alcohols containing a branched chain in the glycol group. P. V. Smith, Jr., and F. Knoth, Jr. 2,570,037, Oct. 2.
Esters of alpha-acetaminoacrylic acid. H. W. Coover, Jr., and J. B. Dickey. 2,548,518, Apr. 10.
Esters of alpha, beta-olefinic carboxylic acids, Preparation of. R. R. Whetstone, W. J. Raab, and S. A. Ballard. 2,562,849, July 31.
Esters of α,β-unsaturated dicarboxylic acids with cyclic adducts of conjugated dienes and β,γ-unsaturated alcohols. J. Nichols. 2,557,136, June 19.
Esters of amine-substituted phosphonic acids, Preparing. P. O. Tawney. 2,570,503, Oct. 9.
Esters of cellulose, Manufacture of organic. J. F. Neilson and J. A. Hawkes. 2,543,191, Feb. 27.
Esters of ether-substituted carboxylic acids, Preparing. W. J. Croxall and M. F. Fegley. 2,560,277, July 10.
Esters of ethynyl siliconic acid. E. M. Boldebuck. 2,551,924, May 8.
Esters of glucopyranose polymers, Uniformly substituted. K. M. Gaver, E. P. Lasure, and L. M. Thomas. 2,538,903, Jan. 23.
Esters of hydracrylic acid and imino ethers. M. L. Fein and C. H. Fisher. 2,553,564, May 22.
Esters of hydrazoic acid, Manufacture of. R. E. Schaad. 2,557,924, June 26.
Esters of isothiocyanic acid, Preparation of. R. E. Sayre. 2,548,741, Apr. 10.
Esters of N-ethanol morpholine, Production of. E. Bauer. 2,575,041, Nov. 13.
Esters or 1,1,3-alkanetriols, Preparing. C. W. Smith and D. G. Norton. 2,552,227, May 8.
Esters of ortho titanic acid, Preparation of. T. Bovd. 2,579,414, Dec. 18.
Esters of pantothenic acid, intermediates thereof, and their production. S. A. Harris and K. Folkers. 2,557,284, June 19.
Esters of penaldic acid and preparation thereof. S. T. Rolfson, J. H. Hunter, and J. W. Hinman. 2,555,006, May 29.
Esters of phosphonous acids and polymers thereof, Unsaturated. R. C. Morris, V. W. Buls, and S. A. Ballard. 2,577,796, Dec. 11.
Esters of polyallyl alcohol. D. E. Adelson and H. F. Gray. 2,555,775, June 5.
Esters of polyether acids and process. J. P. McDermott. 2,542,550, Feb. 20.
Esters of P_2S_5-amine reaction products as lubricating oil additives and lubricants containing same. E. C. Hughes and J. D. Bartleson. 2,539,424, Jan. 30.
Esters of substituted thienyl aceticacids. Basic. F. F. Blicke. 2,541,634, Feb. 13.
Esters of sulfo-4-cyclohexene–1, 2-dicarboxylic acid and producing same. G. D. Martin and R. S. Martin. 2,551,575, May 8.
Esters of t-butyl benzoic acid, their polymers, and compositions, Unsaturated. J. R. Scheibli, R. C. Morris, and E. C. Shokal. 2,578,950, Dec. 18.
Esters of 10-hendecenoic acid, Unsaturated. D. Swern and E. F. Jordan, Jr. 2,541,126, Feb. 13.
Esters of 3,5,14,19-tetrahydroxyetiocholanic acid and derivatives. M. R. Ehrenstein. 2,558,549, June 26.
Esters of trimethyladipic acid. R. F. Robey. 2,548,493, Apr. 10.
Esters of trimethyladipic acid. P. V. Smith, Jr. 2,548,494, Apr. 10.
Esters of 2-benzamido-3-carboxymethylmercapto-propanoic acid. S. A. Harris. 2,537,892, Jan. 9.
Esters of 2,4,5-trichlorophenoxyacetic acid. E. C. Britton and L. E. Begin. 2,562,855, July 31.
Esters of unsaturated acid-branched chain hexadiene polymer adducts. R. C. Morris and J. L. Van Winkle. 2,555,595, June 5.
Esters of unsaturated fatty acids and glycol ethers in copolymers of cyclopentadiene and unsaturated glyceride oils. E. W. Moffett and W. K. Hoya. 2,551,387, May 1.
Esters, Production of. E. M. Filachione and C. H. Fisher. 2,565,487, Aug. 28.
Estrone-cyclo-ethanolamine. H. Hebo. 2,557,655, June 19.
Etch for offset plate making. P. J. Whyzmuzis. 2,572,228, Oct. 23.
Etching device, Electrolysis. L. B. Corbett. 2,536,912, Jan. 2.
Etching machine. W. Guenst. 2,568,803, Sept. 25.
Etching machine. F. T. Powers, Sr. 2,566,142, Aug. 28.
Etching of aluminum. C. E. Meulendyke. 2,556,626, June 12.
Etching processes and solutions. H. C. Theuerer. 2,542,727, Feb. 20.
Etching tungsten coils. G. W. Keilholtz and M. J. Bergin. 2,566,615, Sept. 4.
Ether-esters of dihydroxystearic acid. D. Swern. 2,542.062, Feb. 20.
Ether-esters of polyhydric alcohols, Unsaturated. M. Zief and E. Yanovsky. 2,541,142, Feb. 13.
Ether esters, Production of. M. K. Smith. 2,562,218, July 31.
Ether esters, Unsaturated. J. R. Roach and H. Wittcoff. 2,559,171, July 3.
Ether purification by distillation and adsorption. E. H. Amick, Jr. 2,556,248, June 12.
Ether-substituted unsaturated esters, Preparation of. W. J. Croxall and H. J. Schneider. 2,571,212, Oct. 16.
Ethers and organic substances plasticized therewith. G. L. Doelling and K. H. Adams. 2,569,883, Oct. 2.
Ethers of aryl sulfonamide-formaldehyde reaction products. G. R. Sido. 2,545,174, Mar. 13.
Ethers of isopropylidene di (P-phenol) as plasticizers for thermoplastic resins. H. E. Dutot and M. H. Bradley. 2,541,004, Feb. 6.
Ethers of 1-halogen,2-methyl,4-hydroxybutene-2. W. Oroshnik. 2,541,091, Feb. 13.

Ethers of polychloro diphenyl methane. D. M. Musser. 2,574,189, Nov. 6.
Ethers of 2-butene-1,4-diol. G. F. Deebel. 2,555,270, May 29.
Ethyl alcohol production. C. E. Morrell and R. F. Robey. 2,545,161, Mar. 13.
Ethylamines, Substituted. L. H. Goodson, R. B. Moffett, J. E. Stafford, and W. M. Hoehn. 2,577,121, Dec. 4.
Ethyl cellulose and resinous composition. A. G. Asaff and W. W. Donelson. 2,544,247, Mar. 6.
Ethyl cellulose stabilized with an organic copper salt. P. Van Wyck. 2,561,893, July 24.
Ethyl chloride recovery. H. H. Wall, Jr. 2,556,833, June 12.
Ethylenediamines and preparation of the same, Substituted. K. L. Howard. 2,572,569, Oct. 23.
Ethylene extraction. H. J. Hibshman. 2,542,520, Feb. 20.
Ethylene oxide by the catalytic oxidation of ethylene, production of. A. Cambron and F. L. W. McKim. 2,562,857, July 31.
Ethylene oxide process and catalyst therefor. R. L. Heider. 2,554,459, May 22.
Ethylene oxide. Production of. N. C. Robertson and R. T. Allen. 2,578,841, Dec. 18.
Ethylene, Production of. E. W. Carrier. 2,580,002, Dec. 25.
Ethylene, Production of. L. Kniel. 2,573,341, Oct. 30.
Ethylene/vinyl alcohol/acrylic acid copolymers, their ammonium salts, and paper coated therewith. P. S. Pinkney. 2,566,244, Aug. 28.
Evacuating and gas charging apparatus. C. T. De Groat. 2,570,103, Oct. 2.
Evacuating and gas charging apparatus with movable support and vacuum pump carried thereon. C. T. De Groat. 2,565,298, Aug. 21.
Evacuating refrigerator equipment. L. F. La Porte. 2,556,697, June 12.
Evaporating apparatus. J. V. M. Risberg. 2,562,739, July 31.
Evaporating plant operating by thermo-compression. A. B. Ottolenghi. 2,577,090, Dec. 4.
Evaporation apparatus. H. E. Reinhardt. 2,573,672, Oct. 30.
Evaporation cooling for horizontal piston motors. H. List and E. Niedermayer. 2,549,615, Apr. 17.
Evaporation method and apparatus. J. A. Cross. 2,570,210, Oct. 9.
Evaporative cooler. O. C. Palmer. 2,561,592, July 24.
Evaporative marking composition. M. Hershkowitz. 2,578,425, Dec. 11.
Evaporative water cooler. W. M. Simpson. 2,562,827, July 31.
Evaporator. W. J. Bloomer. 2,560,070, July 10.
Evaporator. W. J. Bloomer. 2,560,075, July 10.
Evaporator, Flash. Y. S. Touloukian. 2,548,081, Apr. 10.
Evaporator for refrigeration system. L. F. Whitney. 2,562,652, July 31.
Evaporator having means for removing tubes therefrom. J. W. Little. 2,557,356, June 19.
Evaporator, Refrigerant. L. A. Philipp. 2,544,937–8, Mar. 13.
Evaporator, Refrigerant. J. N. Saler. 2,551,465, May 1.
Evaporator, Sheet metal. E. M. Gaul. 2,546,737, Mar. 27.
Eviscerating machine, Fish. P. Danielsson. 2,558,608, June 26.
Exalted carrier receiver. M. G. Crosby. 2,575,047, Nov. 13.
Examining the eye with infrared rays. G. A. Morton. 2,536,305, Jan. 2.
Excavator control system, Unified. M. G. Clay. 2,536,724, Jan. 2.
Excavator of the carry type, Clamshell. J. Sell. 2,574,713, Nov. 13.
Excess-voltage arrester. S. D. Vigren, W. O. W. Broberg, and E. M. Thielers. 2,538,177, Jan. 16.
Excitation and control system for electronic devices. J. E. Hudson. 2,548,605, Apr. 10.
Excitation system. D. R. Pattison, W. H. Lambert, and A. H. Phillips. 2,568,407, Sept. 18.
Exciter system for thyratron power inverters and the like. G. W. Demuth. 2,548,955, Apr. 17.
Exciting synchronous alternating-current machines across rectifiers. H. Forssell. 2,569,302, Sept. 25.
Exerciser, Eye. G. P. Felts and R. W. Seeger. 2,555,636, June 5.
Exerciser for the carpal-tarsal joints. W. Bierman. 2,542,074, Feb. 20.
Exerciser. Mechanical respiratory. E. Villarreal. 2,541,562. Feb. 13.
Exerciser, Push and pull friction type. H. N. Magida. 2,543,729, Feb. 27.
Exercising chair. N. E. Goodrich. 2,550,992, May 1.
Exercising device. L. S. Martinez. 2,550,841, May 1.
Exercising health device. V. E. Pruitt, Sr. 2,571,757, Oct. 16.
Exercising machine. E. W. Brockman and W. L. Parsons, Sr. 2,565,348, Aug. 21.
Exfoliating marine shell platelets. J. H. Hooton. 2,554,364, May 22.
Exhaust attachment. W. C. Walsh. 2,558,023, June 26.
Exhaust device for fluid flowing at high velocity. J. O. Hinze and C. Stillebroer. 2,578,932, Dec. 18.
Exhaust extension and guard for automobiles. H. R. Phillips. 2,568,409, Sept. 18.
Exhaust for core blowing machines, Reservoir. R. W. Ellms. 2,545,944, Mar. 20.
Exhaust for jet-propelled aircraft, Adjustable. W. C. Stone. 2,537,487, Jan. 9.
Exhaust machine. J. W. Fulton and R. A. Kuebler. 2,575,756, Nov. 20.
Exhaust manifold device. C. R. Flint. 2,547,454, Apr. 3.
Exhaust pipe water protector. G. O. Anderson. 2,554,167, May 22.
Exhaust rain protector. J. L. Smith. 2,537,099, Jan. 9.
Exhaust silencer, Air-cooled. E. Smith. 2,548,563, Apr. 10.
Exhaust silencer, Baffle type. O. J. Rainville. 2,557,687, June 19.
Exhaust silencer, Baffle type. J. Wallingford. 2,546,707, Mar. 27.
Exhaust tubulation. W. H. Van Dyke. 2,550,658, Apr. 24.
Exhibitor. M. Green. 2,549,452, Apr. 17.
Exhibitor, Changeable. S. S. Tarpinian. 2,538,712, Jan. 16.
Exhibitor member. P. and L. Hopp. 2,549,467, Apr. 17.
Exit area control for jet engines. G. W. Kallal. 2,579,043, Dec. 18.
Expanded sweep and calibrated cathode-ray tube trace. C. A. Laws, R. J. Pumphrey, O. L. Ratsey, and D. S. Watson. 2,552,009, May 8.
Expanded sweep and calibrater marker for cathode-ray tube trace. D. S. Watson and C. A. Laws. 2,552,022, May 8.
Expander and contractor roll. J. D. Robertson. 2,547,975, Apr. 10.
Expander and contractor roll. J. D. Robertson. 2,562,949, Aug. 7.
Expander ring for combustion engines. A. J. Davis. 2,569,601, Oct. 2.
Expander roll. S. L. Harlow, Jr. 2,560,039, July 10.
Expanding a received pulse radio signal. A. A. Varela. 2,544,741, Mar. 13.
Expanding brake. B. E. House. 2,562,356, July 31.
Expanding brake operator. P. Farkas. 2,566,879, Sept. 4.
Expanding fastener. C. A. Taylor and H. Hibbert. 2,538,601, Jan. 16.
Expanding hollow rivets, Hydraulically. G. D. Rogers. 2,543,063, Feb. 27.
Expanding hub. G. M. Bonebrake. 2,562,658, July 31.
Expanding perlite. E. O. Howle. 2,572,483, Oct. 23.
Expanding pocket, Automatically. D. J. Nash. 2,576,474, Nov. 27.
Expansible band. W. C. Johnson. 2,567,019, Sept. 4.
Expansible bellows, Welded. J. J. Chyle. 2,565,296, Aug. 21.
Expansible cloth and making it. W. W. Rowe. 2,573,773, Nov. 6.
Expansible device for tapping or reaming holes. R. C. Johnson and C. E. Cutshall, Jr. 2,556,372, June 12.
Expansible drill bit. A. W. Kammerer. 2,545,036, Mar. 13.
Expansible package support. E. K. Bauer. 2,564,746, Aug. 21.
Expansible plug closure. W. H. Work. 2,566,816, Sept. 4.
Expansible rotary drill bit. A. W. Kammerer. 2,545,032, Mar. 13.
Expansible tool handle. P. H. Dortmund. 2,576,751, Nov. 27.
Expansion bit. H. C. Wilson. 2,577,986, Dec. 11.
Expansion closure plug. A. R. McWherter. 2,579,845, Dec. 25.
Expansion device for flues of asphalt heating stills. A. M. Flynt, Sr. 2,572,713, Oct. 23.
Expansion gauge. S. O. Swensson. 2,566,970, Sept. 4.
Expansion joint. G. C. Hardie. 2,551,325, May 1.
Expansion joint apparatus. S. S. McNeary and W. R. Berry. 2,568,923, Sept. 25.
Expansion joint seal. G. B. Cook. 2,547,746, Apr. 3.
Expansion joints sealed with a composition containing coal tar pitch, rubbery butadiene-acrylonitrile copolymer and polymerized vegetable oil. H. C. Miller. 2,536,611, Jan. 2.
Expansion means for jacket or conduit systems. E. W. Kaiser. 2,570,246, Oct. 9.
Expansion nut setting tool. G. L. Ferris. 2,562,419, July 31.
Expansion unit to compensate for temperature changes in a vehicle hydraulic drive system. W. E. Beaman. 2,561,167, July 17.
Expansion valve. W. A. Ray. 2,550,022, Apr. 24.
Expansive fiber separator. R. S. Chapman and B. B. Siebenhaar. 2,539,990, Jan. 30.
Expeller for collapsible tubes, Removable. J. Bendick. 2,554,975, May 29.
Expendable offset blanket for rotary offset printing machines. J. H. Gruver. 2,563,646, Aug. 7.
Expendable puller. F. M. Varney. 2,543,078, Feb. 27.
Explosion-proof electrical indicator. C. A. De Giers. 2,554,978, May 29.
Explosive assembly and making it. C. H. Carey and D. R. Walton. 2,541,334. Feb. 13.
Explosive cartridge. R. W. Lawrence. 2,565,380, Aug. 21.
Explosive composition. M. de Simo. 2,566,602, Sept. 4.
Explosive composition containing polybutene. W. J. Taylor. 2,541,389. Feb. 13.
Explosive composition containing vermiculite. A. M. Cummings. 2,577,110, Dec. 4.
Explosive device. C. E. Howell. 2,574,830, Nov. 13.

Explosive device for use in fire fighting equipment systems and the like. A. Mathisen. 2,557,448, June 19.
Explosive, Elongated flexible tubular. L. F. Porter. 2,543,057, Feb. 27.
Explosive-operated device. G. O. Rockwell. 2,575,071, Nov. 13.
Explosive operated motor for rip cord. D. F. Murphy. 2,564,209, Aug. 14.
Explosive pulverization. W. E. Lobo. 2,560,807, July 17.
Explosive package, Blasting. H. R. Wright and W. G. Allan. 2,558,163, June 26.
Explosive rivet. L. A. Burrows and W. E. Lawson. 2,556,465, June 12.
Explosively driven stud with knock-off head portion. R. Temple. 2,575,079, Nov. 13.
Explosives containing ammonium nitrate, Producing. J. Whetstone and J. Taylor. 2,548,693, Apr. 10.
Exposure apparatus for contact printing. P. H. Heldens. 2,572,930, Oct. 30.
Exposure apparatus for making photo copies. L. P. F. van der Grinten. 2,546,482, Mar. 27.
Exposure apparatus for making photoprints. K. J. J. van der Grinten. 2,544,287, Mar. 6.
Exposure indicator. G. N. Smith. 2,557,478, June 19.
Expressing machine. R. E. Killip. 2,538,316, Jan. 16.
Expressing machine. R. E. Killip. 2,556,499, June 12.
Expulsion gap construction. A. Van Ryan and W. R. Harry. 2,567,413, Sept. 11.
Extensible hack saw frame. H. E. Suhre. 2,559,686, July 10.
Extensible member for adjustably attaching a light diffuser to a lighting. J. Krauthamer. 2,568,893, Sept. 25.
Extensible tire carrier. C. L. Lundgren. 2,547,083, Apr. 3.
Extension attachment for bed rails. E. N. Saville. 2,555,610, June 5.
Extension attachment for boats. E. S. Anderson. 2,576,744, Nov. 27.
Extension cord and handle forming means, Combined. R. I. Gratzner. 2,562,268, July 31.
Extension foot for ladders. J. C. Doss. 2,567,806, Sept. 11.
Extension for pressure cookers, Detachable. N. M. Griffin. 2,545,577, Mar. 20.
Extension leaf for tables and cabinets, Sliding. T. H. Lindelöf. 2,580,032, Dec. 25.
Extension level. L. J. Bullivant. 2,551,524, May 1.
Extensometer. D. S. Wood. 2,543,429, Feb. 27.
Extinguisher and retrieving device, Cigarette. L. Mertzel. 2,536,302, Jan. 2.
Extinguishing or preventing fires. H. V. Williamson and J. L. Gring. 2,551,919, May 8.
Extracting cars from ruts, mud, snow, and the like. W. D. Simmons. 2,553,216, May 15.
Extracting device, Staple. S. E. Sudbury. 2,549,260, Apr. 17.
Extracting gallium oxide from aluminous substances. M. Beja. 2,574,008, Nov. 6.
Extracting gelatin and glue. R. E. A. J. Frechin. 2,575,551, Nov. 20.
Extracting gold and silver. J. B. Zadra. 2,579,531, Dec. 25.
Extracting iron from clay. H. A. Shabaker. 2,561,422, July 24.
Extracting juice from citrus pulp, Method and apparatus for. W. R. Ketchum. 2,572,352, Oct. 23.
Extracting juice from whole citrus fruit and excluding atmosphere from contact therewith, Method of and apparatus for. W. A. Pipkin. 2,540,345, Feb. 6.
Extracting liquids from a solution to effect concentration. G. L. Cunningham. 2,552,523, May 15.
Extracting magnesia from aqueous solution containing magnesium salts decomposable by lime and alkalies. J. C. Séailles. 2,573,616, Oct. 30.
Extracting of lactams from aqueous solutions containing the same. K. Kahr. 2,541,874, Feb. 13.
Extracting of nickel values from nickeliferous sulfide material. F. A. Forward. 2,576,314, Nov. 27.
Extracting oil from the earth. E. Berl. Re. 23,360, Apr. 24.
Extracting organic acids and their salts from cork, and products resulting from this extraction. G. Dupont and A. Guillemonat. 2,571,221, Oct. 16.
Extracting oxygen from atmospheric air, Process and apparatus for. W. L. De Baufre. 2,568,223, Sept. 18.
Extracting pigments from plants. S. S. and B. S. Berkman. 2,567,362, Sept. 11.
Extracting proteins, Method and apparatus for. J. H. Obey. 2,559,257, July 3.
Extracting sesamin from sesame oil. L. Feinstein and S. J. Ringel. 2,557,956, June 26.
Extracting usnic acid. A. G. Marshak. 2,557,987, June 26.
Extracting wax from cachaza. O. J. Swenson. 2,554,073, May 22.
Extraction and drying device. E. Rickert. 2,539,702, Jan. 30.
Extraction and fractionation of fatty materials, Selective. W. M. Leaders. 2,548,434, Apr. 10.
Extraction apparatus. C. J. Mueller. 2,577,429, Dec. 4.
Extraction apparatus, Countercurrent. J. D. Hamacher and R. W. Barns. 2,547,577, Apr. 3.
Extraction column. T. B. Kelly, Jr. 2,536,373, Jan. 2.
Extraction column. G. V. Woody and C. W. Bilbe. 2,551,820, May 8.
Extraction drier. J. T. Bian. 2,574,085, Nov. 6.
Extraction of acidic constituents from gases. C. L. Blohm, F. C. Riesenfeld, and H. D. Frazier. 2,550,446, Apr. 24.
Extraction of acidic impurities and moisture from gases. E. R. McCartney. 2,547,278, Apr. 3.
Extraction of alcohols from the F-T synthesis product. H. V. Hess and G. B. Arnold. 2,558,557, June 26.
Extraction of antibiotic material. L. B. Jensen. 2,550,254, Apr. 24.
Extraction of chrysalides from silk cocoons. A. J. Baron and H. N. Sykes. 2,565,164, Aug. 21.
Extraction of citrus peel. R. P. Graham and A. D. Shepherd. 2,548,895, Apr. 17.
Extraction of diketones from complex mixtures containing other ketones. L. L. J. Fauqué. 2,554,980, May 29.
Extraction of garlic. C. J. Cavallito. 2,554,088, May 22.
Extraction of hydrocarbon types. B. J. Mayland and E. E. White. 2,552,198, May 8.
Extraction of hydrolyzed estrogens from urine. J. W. Nelson. 2,578,729, Dec. 18.
Extraction of isobutylene by polymerization and depolymerization. W. A. Schulze and J. E. Mahan. 2,552,692, May 15.
Extraction of oleiferous materials. J. T. Dickinson. 2,560,935, July 17.
Extraction of oleiferous materials. L. C. Rubin. 2,564,409, Aug. 14.
Extraction of organic oxygenated compounds from hydrocarbon mixtures. L. G. Sharp and D. R. Carmody. 2,568,517, Sept. 18.
Extraction of penicillin. C. W. Heathcote, Jr., and G. R. Rettew. 2,562,715, July 31.
Extraction process for cerium. J. C. Warf. 2,564,241, Aug. 14.
Extraction of tannic acid from sumac leaf. G. Garrara. 2,537,510, Jan. 9.
Extraction of tin from ores and concentrates. C. R. Hayward and L. Wright. 2,547,939, Apr. 10.
Extraction process. M. L. Sagenkahn. 2,579,867, Dec. 25.
Extractive crystallization process. L. C. Fetterly. 2,569,984, Oct. 2.
Extractive crystallization process. L. C. Fetterly. 2,569,986, Oct. 2.
Extractive crystallization process. L. C. Fetterly. 2,578,054, Dec. 11.
Extractive distillation of alcohol-containing mixtures with diphenyl ether as solvent. C. S. Carlson and P. V. Smith, Jr. 2,575,285, Nov. 13.
Extractive distillation of alcohols. C. S. Carlson and P. V. Smith, Jr. 2,575,243, Nov. 13.
Extractive distillation of alcohols. E. G. Scheibel. 2,537,115, Jan. 9.
Extractive distillation of alcohols from close-boiling aqueous mixtures. E. R. Gilliland, C. E. Morrell, C. S. Carlson, and N. C. Robertson. 2,551,593, May 8.
Extractive distillation of alcohols with glycol ethers. P. V. Smith, Jr., and C. S. Carlson. 2,559,519, July 3.
Extractive distillation of alcohols with glycols. P. V. Smith, Jr., and C. S. Carlson. 2,559,520, July 3.
Extractive distillation of alcohols with sulfolane. C. S. Carlson and P. V. Smith, Jr. 2,570,205, Oct. 9.
Extractive distillation of close-boiling hydrocarbon fractions with hydrotropic solutions. C. E. Morrell, C. S. Carlson, J. F. Nelson and J. Stewart. 1,567,228, Sept. 11.
Extractive distillation of methylamines. W. Tyerman. 2,570,291, Oct. 9.
Extractive distillation of normal primary alcohols. C. S. Carlson, C. E. Morrell, and P. V. Smith, Jr. 2,551,584, May 8.
Extractive distillation of polymer-containing alcohols. C. E. Morrell, R. F. Robey, and N. C. Robertson. 2,575,284, Nov. 13.
Extractive distillation process. M. R. Morrow and J. W. Smalling. 2,570,066, Oct. 2.
Extractive fractionation process. L. C. Fetterly. 2,549,372, Apr. 17.
Extractive fractionation process. R. E. Melrose. 2,557,257, June 19.
Extractor: *See*—
Centrifugal juice extractor.
Compression extractor.
Continuous extractor.
Countercurrent solvent extractor.
Fastener extractor.
Fruit juice extractor.
Juice extractor.
Radio tube extractor.
Rotary extractor.
Solvent extractor.
Standing valve extractor.
Staple extractor.
Thumbtack extractor.
Venom extractor.
Extractor. F. J. Leuthner. 2,539,543, Jan. 30.
Extractor. D. M. McBean. 2,562,563, July 31.
Extractor having a reciprocating presser cup and a rotating extractor head, Juice. A. H. Roos. 2,553,942, May 22.
Extractor having a rotary grater, Centrifugal juice. J. M. Meier and S. L. Wheeler. 2,541,084, Feb. 13.

Extractor having cyclically varying velocity, Fruit juice. S. J. Mikina. 2,552,572, May 15.
Extractor having separating means, Rotary vegetable juice. M. J. Thomas. 2,558,799, July 3.
Extractor load breaker. J. E. Vetorino. 2,563,890, Aug. 14.
Extractor mounted for cycloidal movement, Fruit juice. F. R. Higley. 2,538,782, Jan. 23.
Extractor with discharge mechanism. J. L. Jones, Jr. 2,574,106, Nov. 6.
Extractor with reciprocating and rotating fruit holders, Fruit juice. C. M. Woodruff. 2,540,772, Feb. 6.
Extreme pressure grease. J. J. Kolfenbach and R. O'Halloran. 2,540,534, Feb. 6.
Extreme pressure lubricant and extreme pressure agents therefor. C. A. Weisel and E. B. Cyphers. 2,542,604, Feb. 20.
Extreme pressure lubricant containing manganese napthenate as an antirust agent. L. W. Sproule and L. F. King. 2,562,829, July 31.
Extruding and vulcanizing apparatus, Continuous. A. Stiegler. 2,540,497, Feb. 6.
Extruding apparatus. J. R. Strobel. 2,562,135, July 24.
Extruding machine. A. H. Braeseke. 2,547,151, Apr. 3.
Extruding plastic rods having a spiral design. C. D. Orsini. 2,573,050, Oct. 30.
Extruding press. A. F. Wnuk. 2,559,207, July 3.
Extrusion. J. L. Barrett. 2,539,564, Jan. 30.
Extrusion. H. E. Buecken and E. E. Heston. 2,541,201, Feb. 13.
Extrusion apparatus. H. E. Bücken. 2,574,907, Nov. 13.
Extrusion apparatus. J. A. Gialanella. 2,579,815, Dec. 25.
Extrusion apparatus. L. M. Grimes. 2,567,704, Sept. 11.
Extrusion apparatus. I. E. Tornberg. 2,549,400, Apr. 17.
Extrusion apparatus. J. W. Van Riper. 2,543,679, Feb. 27.
Extrusion apparatus for covering cores. A. B. F. G. Richardson, E. Tunnicliff and I. K. Fisher. 2,560,778, July 17.
Extrusion control. T. J. Rhodes. 2,566,854, Sept. 4.
Extrusion device. F. J. Churnell and K. E. Smith. 2,546,975, Apr. 3.
Extrusion device, Readily adjustable. C. G. Formaz. 2,560,022, July 10.
Extrusion die and method. R. L. Templin. 2,559,523, July 3.
Extrusion of a frozen and thawed hydrogel. E. A. Bodkin and J. W. Payne. 2,564,776, Aug. 21.
Extrusion of clay products. J. F. Booth and R. K. Smith. 2,552,930, May 15.
Extrusion of metals. J. Sejournet and L. Labataille. 2,538,917, Jan. 23.
Extrusion press. R. Colombo. 2,550,226, Apr. 24.
Eye assembly for a doll's head. G. Wintriss. 2,536,523, Jan. 2.
Eye, Doll's. S. Rose. 2,566,995, Sept. 4.
Eyeglass cleaner. J. R. Miller. 2,554,630, May 29.
Eyeglass construction. J. E. Hansen. 2,550,348, Apr. 24.
Eyeglasses. J. L. Rooney. 2,570,718, Oct. 9.
Eyelash curler, mascara applicator, and remover, Combined. A. C. Marcellus. 2,5699,246, Sept. 25.
Eye protective device, Antiglare. J. T. Mitchell. 2,556,433, June 12.
Eyeshield. C. E. Gardner. 2,545,078, Mar. 13.
Eyeshield. O. A. Grove. 2,541,242, Feb. 13.
Eyeshield. G. R. Lucas. 2,545,097, Mar. 13.
Eyeshield. T. T. MacLean. 2,556,847, June 12.
Eyeshield for headgear. H. Vaca. 2,538,607–8, Jan. 16.
Eye shields. M. Loos. 2,572,638, Oct. 23.
Eyelet and securing the same. J. de Swart. 2,550,788, May 1.
Fabric: *See*—
Axminster fabric.
Double-ply leno fabric.
Fibrous glass fabric.
Flame resistant fabric.
Insulating fabric.
Knitted fabric.
Pile fabric.
Reflecting fabric.
Stiff narrow fabric.
Unwoven fabric.
Unwoven flexible fabric.
Woven fabric.
Fabric and making same, Woven glass. B. H. Foster. 2,539,301, Jan. 23.
Fabric and making the same, Quilted. G. Corallo. 2,564,959, Aug. 21.
Fabric and method of and apparatus for making the same, Pile surfaced. L. W. Miller. 2,563,259, Aug. 7.
Fabric and producing it, Waterproofed. D. N. Beauchamp. 2,575,577, Nov. 20.
Fabric bonded with an improved hydrocarbon interpolymer cement, and the cement, Laminated. W. C. Smith. 2,553,427, May 15.
Fabric conveying apparatus. C. T. Gallinger. 2,579,563, Dec. 25.
Fabric cutter. J. E. Cook. 2,567,102, Sept. 4.
Fabric cutter. A. T. Guest. 2,571,234, Oct. 16.
Fabric finishing composition. C. M. Marberg and M. E. Shields. 2,567,722, Sept. 11.
Fabric for umbrellas, Covering. W. Grace. 2,546,857, Mar. 27.
Fabric guiding mechanism and feeler control therefor. C. W. Johnson. 2,577,195, Dec. 4.
Fabric moisture absorbency tester. S. P. Hunt. 2,545,281, Mar. 13.
Fabric shaping and pressing machine. J. Silverman. 2 562 398, July 31.
Fabric spreader, Adjustable tubular. E. S. Beard. 2,553,074, May 15.
Fabric take-up mechanism for textile machines. E. M. Zesch. 2,569,394, Sept. 25.
Fabric thickness gauge. C. L. Bodwell. 2,538,858, Jan. 23.
Fabric-treating composition and preparation. J. R. Hill. 2,565,686, Aug. 28.
Fabric-treating composition and preparation. C. T. Rood. 2,563,661, Aug. 7.
Fabric trimming mechanism. V. J. Sigoda. 2,541,110, Feb. 13.
Fabric washing and drying unit, Combined. B. C. Gould. 2,566,488, Sept. 4.
Fabric with scalloped edge, Knit. B. Sapin. 2,564,282, Aug. 14.
Fabricated article. D. T. Hurd. 2,544,320, Mar. 6.
Fabricated centrifugal pump. W. H. Pfarrer. 2,537,084, Jan. 9.
Fabricated splined shaft. A. A. Warner. 2,571,318, Oct. 16.
Fabricated structure comprising porous compositions of matter. E. L. Kropa, L. E. Craig, and A. S. Nyquist. 2,576,073, Nov. 20.
Fabricating a generally cylindrical magnetic structure. G. Nahman. 2,552,109, May 8.
Fabricating metal laminates. B. D. Raffel. 2,545,704, Mar. 20.
Fabricating sealed envelopes. H. J. Nolte. 2,568,460, Sept. 18.
Fabrics and making same, Elastic composite. T. A. Feild, Jr. and B. Michalko. 2,536,163, Jan. 2.
Fabrics and products thereof, Manufacture of pile. M. A. Goldman. 2,550,686, May 1.
Fabrics of a long chain amino-ethoxy cellulose and making the same. J. D. Reid and G. C. Daul. 2,545,492, Mar. 20.
Face guard restraining device. A. Mueller. 2,574,222, Nov. 6.
Face lifting device. A. M. Brown. 2,575,206, Nov. 13.
Face meter. J. E. Scott. 2,552,385, May 8.
Face powder box. R. A. Gordon. 2,579,490, Dec. 25.
Face powder box. B. B. Wheeler and R. V. Burdick, Jr. 2,560,675, July 17.
Face rest. A. C. Costello. 2,551,727, May 8.
Facia board. B. B. Junkunc. 2,572,036, Oct. 23.
Facilitating engine starting. G. R. Ericson. 2,574,694, Nov. 13.
Facilitating the removal of beads that adhere to ferrous metal cut thermo-chemically. W. T. Davis. 2,541,344, Feb. 13.
Facing device. E. R. Flynn. 2,553,570, May 22.
Facing machine. A. G. Sharples. 2,553,481, May 15.
Facsimile control mechanism for effecting curvilinear scanning or recording. A. G. Cooley. 2,575,442, Nov. 20.
Facsimile enciphering system. W. F. Friedman. 2,552,548, May 15.
Facsimile phasing system. P. B. Wickham. 2,540,922, Feb. 6.
Facsimile receiving system. J. E. Smith. 2,557,319, June 19.
Facsimile recorder helical electrode mounting. W. Lupish. 2,568,754, Sept. 25.
Facsimile safety device. F. A. Hester and J. W. Smith. 2,543,779, Mar. 6.
Facsimile scanning apparatus. A. G. Cooley. 2,551,726, May 8.
Facsimile scanning device. C. E. Hunt, Jr. 2,578,307, Dec. 11.
Facsimile synchronizing system. C. J. Young. 2,538,547, Jan. 16.
Facsimile system. J. L. Johnson and J. R. Boykin. 2,575,714, Nov. 20.
Facsimile system and apparatus. M. Artzt and C. J. Young. 2,569,648, Oct. 2.
Facsimile system for simultaneous transmission of plurality of elemental areas. R. C. Curtis. 2,579,475, Dec. 25.
Facsimile transmitting means and using same. B. L. Kline. 2,572,871, Oct. 30.
Factor entering mechanism. R. S. Mark, F. N. Schwend, and C. P. Stowell. 2,544,848, Mar. 13.
Fading attachment for motion-picture cameras. R. M. Moore. 2,556,770, June 12.
Fail-safe feature for balanced bridge indicators. B. R. Gossick. 2,575,447, Nov. 20.
Failure alarm arrangements in multi-channel carrier current communication system. B. B. Jacobsen and F. Fairley. 2,572,030, Oct. 23.
Fair leader. R. E. Lushbaugh. 2,538,021, Jan. 16.
Fall board mechanism. W. M. Day. 2,554,665, May 29.
False teeth carrier. A. G. McNeill. 2,554,044, May 22.
False teeth, Manufacture of. M. Budish. 2,566,652, Sept. 4.
Fan. M. Hagihara. 2,562,033, July 24.
Fan and assembly and disassembly. M. S. Kice, Jr. 2,549,208, Apr. 17.
Fan arrangement for electrical devices. J. D. Gayer. 2,541,235, Feb. 13.
Fan, Axial flow. A. E. Criqui. 2,555,576, June 5.
Fan blade mounting. A. Chilton. 2,537,739, Jan. 9.
Fan, Centrifugal. J. C. Busquet. 2,561,840, July 24.

Fan, Centrifugal. S. Punt. 2,557,201, June 19.
Fan construction. J. T. Roffy. 2,559,831, July 10.
Fan, Electric. O. G. Hildebrand and M. W. Humphreys. 2,538,196, Jan. 16.
Fan, Electric. E. C. Moore. 2,542,204, Feb. 20.
Fan, Electric. L. S. Peck. 2,542,427, Feb. 20.
Fan, Electric. G. J. Reisch. 2,549,523, Apr. 17.
Fan for air-cooled engines, Turbine driven cooling. E. H. Polk. 2,550,717, May 1.
Fan for picture projecting apparatus, Ventilating. C. J. Cadwell and F. M. Adamson. 2,562,600, July 31.
Fan guard mounting. J. H. Viewegh. 2,542,735, Feb. 20.
Fan hub and blade structure, Detachable. K. Ead. 2,568,913, Sept. 25.
Fan mounting. D. M. Cotten. 2,558,541, June 26.
Fan, Portable electric. F. Honerkamp and L. R. Phillips. 2,541,251, Feb. 13.
Fan, Rotary. R. G. Riddiford. 2,573,875, Nov. 6.
Fan structure, Electric motor-driven. F. Z. Daugherty. 2,564,155, Aug. 14.
Fan, Two-part hub adjustable pitch. A. E. Dehnicke. 2,563,011, Aug. 7.
Fan unit for use in vacuum cleaners, Motor-driven. F. T. Smith. 2,540,178, Feb. 6.
Fan, Ventilating. A. I. Mayr. 2,571,374, Oct. 16.
Fare box coin unit. G. L. Kautzmann and F. Griffith. 2,575,817, Nov. 20.
Farm gate. F. E. Speed. 2,547,792, Apr. 3.
Farm seeder. E. K. Thompson. 2,575,985, Nov. 20.
Farm silo personnel elevator. A. C. Radtke. 2,573,930, Nov. 6.
Farm wagon with continuous conveyer. W. Domitrovic. 2,570,530, Oct. 9.
Fastener: *See*—
Arrow-shaped slide fastener.
Basket cover fastener.
Belt fastener.
Bimetallic fastener.
Bolt fastener.
Button fastener.
Closure fastener.
Clothesline fastener.
Composite tire chain fastener.
Cowl fastener.
Detachable fastener
Door fastener.
Drive fastener.
Expanding fastener.
Friction slide fastener.
Fully separable slide fastener.
Gate fastener.
Lockable slide fastener.
Locking slide fastener.
Molding fastener.
Multiple pronged double-ended fastener.
Nut fastener.
Padlock slide fastener.
Paper fastener.
Pressure cooker closure fastener.
Quick disassembly slide fastener.
Quick exit separable fastener.
Quick-release fastener.
Quick release locking type shear load bearing fastener.
Releasing end stop non-separable slide fastener.
Roofing fastener.
Rotary fastener.
Self-locking fastener.
Self-threading fastener.
Separable chain fastener.
Separable fastener.
Sheet metal snap fastener.
Shiftable rotary stud fastener.
Slide fastener.
Sliding clasp fastener.
Sliding window fastener.
Snap fastener.
Snap seal fastener.
Spring latching fastener.
Spring stud fastener.
Stovepipe fastener.
Strap fastener.
Tag fastener.
Threaded fastener.
Three-side lock fastener.
Three side lock snap fastener.
Two-piece trim panel fastener.
Venetian blind rail and tape fastener.
Waterproof fastener.
Watertight slide fastener.
Window fastener.
Window sash fastener.
Wire-bound box fastener.
Wire fastener.
Fastener. L. E. Carson. 2,567,508, Sept. 11.
Fastener. G. A. Hansman. 2,558,720, July 3.
Fastener. F. K. Knohl. 2,560,961, July 17.
Fastener. O. J. Poupitch. 2,555,292, May 29.
Fastener. G. M. Richardson. 2,555,420, June 5.
Fastener. D. H. Waara. 2,543,212, Feb. 27.
Fastener construction, Slide. H. J. Murphy. 2,537,939, Jan. 9.
Fastener device. W. H. Churchill. 2,564,638, Aug. 14.
Fastener device. C. L. Hall. 2,564,643, Aug. 14.
Fastening device. G. A. Tinnerman. 2,542,883, Feb. 20.
Fastening device. V. F. Zahodiakin. 2,542,968, Feb. 20.
Fastener device for sanitary napkins. M. Knowlton. 2,541,522, Feb. 13.
Fastener driving device. J. C. Lang. 2,574,875, Nov. 13.
Fastener extractor. C. H. Emery. 2,563,227, Aug. 7.
Fastener for a tooth cap, or the like. E. L. Launder and C. C. Hosmer. 2,546,457, Mar. 27.
Fastener for boats and other articles, Car top. L. R. Graves. 2,539,997, Jan. 30.
Fastener for buttons. M. J. Rodrigues. 2,573,876, Nov. 6.
Fastener for crypt fronts. J. B. and O. A. Sinner. 2,574,938, Nov. 13.
Fastener for detachably attaching buttons to fabrics and the like, Slide. A. E. Bryce. 2,574,014, Nov. 6.
Fastener for food storage containers, Closure. J. A. Verheyden and F. Haloski. 2,547,183, Apr. 3.
Fastener for hinged doors, Door. G. E. Dath. 2,558,825, July 3.
Fastener for hinged doors, Rotary bar. E. H. Lehman. 2,538,203, Jan. 16.
Fastener for pressure doors. E. J. Le Claire. 2,546,760, Mar. 27.
Fastener for securing members to supports, Sheet metal. C. W. Heath. 2,567,884, Sept. 11.
Fastener for securing sheet metal to imperforate frame members, Wire. S. J. Gianelloni, Jr. 2,579,489, Dec. 25.
Fastener for sheet metals. A. M. Hexdall. 2,563,242, Aug. 7.
Fastener for ski binding, Adjustable cable. H. Jansen. 2,567,772, Sept. 11.
Fastener for sliding doors of railway cars. G. E. Dath. 2,571,215, Oct. 16.
Fastener for the floor plates of the tray of a bubble tower, Sealing. E. D. Rapisarda. 2,544,614, Mar. 6.
Fastener forming and inserting machine. J. G. Wright, J. M. Chafin, E. Sudan, C. A. Watkins, and J. A. Hanson. 2,566,104, Aug. 28.
Fastener-inserting mechanism. A. C. Kulik. 2,547,019, Apr. 3.
Fastener member. W. A. Bedford, Jr. 2,567,902, Sept. 11.
Fastener of the slide buckle type. B. A. Richman. 2,539,272, Jan. 23.
Fastener or stabilizer, Slip-cover. J. W. Smith. 2,537,100, Jan. 9.
Fastener receptacle. W. Dzus. 2,564,101, Aug. 14.
Fastener setting adapter. P. E. Fenton. 2,564,524, Aug. 14.
Fastener setting machine. V. L. Kneeland. 2,543,550, Feb. 27.
Fastener socket member, Snap. F. E. Johnson. 2,541,966, Feb. 13.
Fastener stud, Adjustable. T. R. Griffin. 2,552,779, May 15.
Fastener unit. O. J. Poupitch. 2,555,291, May 29.
Fastener unit. O. J. Poupitch. 2,576,906, Nov. 27.
Fastener with clip attachment, Embossment mount. W. A. Bedford, Jr. 2,567,903, Sept. 11.
Fastener with releasing end stop, Slide. C. Disinger. 2,558,239, June 26.
Fastening. J. H. Oswald. 2,548,681, Apr. 10.
Fastening. W. M. Siesel. 2,549,393, Apr. 17.
Fastening clip. J. E. Bales. 2,555,562, June 5.
Fastening crank to reel tooth bar tube. P. H. Harrer. 2,549,086, Apr. 17.
Fastening device. S. J. Andrews. 2,539,172, Jan. 23.
Fastening device. W. A. Bedford, Jr. 2,578,639, Dec. 11.
Fastening device. L. B. Courtot. 2,540,656, Feb. 6.
Fastening device. R. G. Greenberg. 2,539,367, Jan. 23.
Fastening device. R. A. Hartman. 2,553,917, May 22.
Fastening device. R. A. Hartman. 2,568,584, Sept. 18.
Fastening device. C. H. Judd. 2,574,330, Nov. 6.
Fastening device. C. H. Judd. 2,578,008, Dec. 11.
Fastening device. J. Kral. 2,572,812, Oct. 23.
Fastening device. E. W. Lee. 2,570,957, Oct. 9.
Fastening device. O. J. Poupitch. 2,537,786, Jan. 9.
Fastening device. C. P. Sorensen. 2,552,066, May 8.
Fastening device. R. M. Storer. 2,545,714, Mar. 20.
Fastener device. F. R. Swanson. 2,556,988, June 12.
Fastening device. M. J. Swatsick. 2,537,801, Jan. 9.
Fastening device. G. A. Tinnerman. 2,549,724, Apr. 17.
Fastening device. G. A. Tinnerman. 2,553,883, May 22.
Fastening device. G. A. Tinnerman. 2,562,001–02, July 24.
Fastening device, Adjustable. R. C. Legat. 2,559,883, July 10.
Fastening device, Button. I. Friedman. 2,569,048, Sept. 25.
Fastening device for belts. W. J. Dillenz. 2,569,750, Oct. 2.
Fastening device for boxes, crates, and the like. J. Shaw and C. W. Saunders. 2,556,113, June 5.
Fastening device for objects in adjustable axial relationship, Resilient. R. A. Hartman. 2,566,886, Sept. 4.
Fastening device for securing mirrors in luggage. H. E. Turpin. 2,555,717, June 5.
Fastening device for sheet material. J. B. De Angelis. 2,570,326, Oct. 9.
Fastening device for the waistband of trousers and the like. R. H. Reiss and P. R. T. Hahn. 2,568,969, Sept. 25.
Fastening device, Sealable. H. B. Jansen and L. F. Zielinski. 2,550,357, Apr. 24.
Fastening device, Threaded. J. D. Shaw and J. F. Kuzmick. 2,549,939, Apr. 24.
Fastening for attaché and suitcases and the like. C. W. Cheney. 2,537,301, Jan. 9.
Fastening for rails. J. R. Snyder. 2,553,950, May 22.
Fastening for securing railway rails to metal sleepers. W. B. Wragge. 2,568,376, Sept. 18.
Fastening-inserting machine. P. E. Burby. 2,536,350, Jan. 2.
Fastening means. E. R. Jones. 2,536,941, Jan. 2.
Fastening means for garments, and more particularly diapers. J. C. Condylis. 2,568,910, Sept. 25.
Fastening means for sanitary napkins, Adjustable. D. M. Woods. 2,541,629, Feb. 13.
Fastening means for shoe skates. G. A. Almorth. 2,567,754, Sept. 11.
Fastening means for supporting objects. S. W. Benson. 2,549,766, Apr. 24.

Fastening means for switch terminals. E. N. Jacobi. 2,558,851, July 3.
Fastening means for U-shaped magnets in magnetic plate assemblies. R. C. Hoff. 2,551,947, May 8.
Fastening means, Garment. L. Ganz. 2,549,592, Apr. 17.
Fastening means, Threaded. P. M. Lyons. 2,552,102, May 8.
Fastening member for building molding forms. H. Lindemann. 2,543,701, Feb. 27.
Fastening peg. C. W. Rayburn. 2,576,238, Nov. 27.
Fastening tassels to robe sashes. G. Safir. 2,566,750, Sept. 4.
Fat splitting agent and producing same. W. K. Griesinger. 2,575,807, Nov. 20.
Fatigue tester. J. P. Koester, R. J. Purdy, and O. W. Berglund. 2,545,816, Mar. 20.
Fatigue testing machine. B. J. Lazan. 2,548,381, Apr. 10.
Fattening composition, Poultry. F. W. Lorenz and C. W. Sondern. 2,544,698, Mar. 13.
Fatty acid alkylolamine condensation and products. M. J. Kelley. 2,540,678, Feb. 6.
Fatty alcohols, Preparation of. W. J. Peppel. 2,538,034, Jan. 16.
Faucet. F. F. Agudo. 2,571,327, Oct. 16.
Faucet. R. R. Curtis. 2,572,990, Oct. 30.
Faucet. J. L. Saulsberry. 2,548,071, Apr. 10.
Faucet. L. S. Sayre. 2,561,823, July 24.
Faucet. A. J. Weatherhead, Jr. 2,556,308, June 12.
Faucet. A. A. Wyckoff. 2,559,268, July 3.
Faucet attachment, Aerating. J. E. Hannigan. 2,570,669, Oct. 9.
Faucet, Beverage. J. G. Giuliano. 2,568,444, Sept. 18.
Faucet, Combination. J. B. Kluver. 2,578,362, Dec. 11.
Faucet, Combination. H. R. B. Peterson. 2,576,414, Nov. 27.
Faucet construction. E. J. Housekeeper and C. J. Braun. 2,536,686, Jan. 2.
Faucet, Dispensing. H. H. Harr. 2,578,543, Dec. 11.
Faucet, Eccentric type. T. R. Smith. 2,568,520, Sept. 18.
Faucet filters. J. F. Auberschek. 2,580,066, Dec. 25.
Faucet, Glass filler. R. J. Fisher. 2,545,810, Mar. 20.
Faucet hose temperature indicator. M. E. Palmquist and E. W. Lundstrom. 2,578,587, Dec. 11.
Faucet, Hot and cold water mixing. C. K. Brown, Jr. 2,563,154, Aug. 7.
Faucet, Mixed drink. C. J. Braun. 2,574,906, Nov. 13.
Faucet, Mixing. C. K. Brown, Jr. 2,575,940, Nov. 20.
Faucet, Radiator filling. F. A. Koester. 2,561,578, July 24.
Faucet, Sanitary. R. Chaplik. 2,554,775, May 29.
Faucet spray attachment. S. Isenberg. 2,575,222, Nov. 13.
Faucet unit. F. L. Brown. 2,561,559, July 24.
Faucet, Water. V. Barnett. 2,548,933, Apr. 17.
Fault detector for shotgun users. L. E. Aagesen. 2,569,594, Oct. 2.
Fault indicating system for control circuits. R. W. Cochran. 2,576,574, Nov. 27.
Feather drying system. A. M. Schroeder. 2,574,848, Nov. 13.
Feather plucker for poultry. F. A. Hodges. 2,554,671, May 29.
Feed-back circuit. T. A. Rich and J. E. Bigelow. 2,547,662, Apr. 3.
Feedback neutralization means for telephone systems. W. H. Shaw. 2,575,844, Nov. 20.
Feed chute and guide for can body carrying turrets. E. Laxo. 2,569,180, Sept. 25.
Feed control attachment for torches. J. R. Garrett. 2,578,132, Dec. 11.
Feed device. C. H. Ramsden and A. B. Court. 2,567,447, Sept. 11.
Feed device for autographic registers. P. A. Flawn. 2,563,523, Aug. 7.
Feed device for autographic registers. P. A. Flawn. 2,565,915, Aug. 28.
Feed device, Sheet metal. F. V. Carroll. 2,549,772, Apr. 24.
Feed drain and safety device for water heaters. L. Le Bozec and G. Gautier. 2,579,387, Dec. 18.
Feed drive for packaging machines. C. S. Stephano. 2,550,616, Apr. 24.
Feed finger and gripping element therefor. F. L. Green. 2,563,464, Aug. 7.
Feed for carnivorous animals and making the same. W. Kelly, Jr., and J. R. Kelly. 2,558,092, June 26.
Feed for guns, or the like. A. J. Kornblum, A. H. Kuriloff, and H. Harvey. 2,557,441, June 19.
Feed for hand drills, Automatic. N. A. Kessler, E. Chitwood, and M. P. Fugle. 2,538,969, Jan. 23.
Feed for refrigerant injector for evaporators. H. A. Phillips. 2,554,920, May 29.
Feed for ruminant animals. C. W. Turner. 2,560,830. July 17.
Feed grinding and mixing plant. J. S. Herr. 2,546,747, Mar. 27.
Feed helix. C. L. and J. J. Willard. Re. 23,320, Jan. 2.
Feed hopper for belt conveyers, Movable. G. Weggum. 2,554,077, May 22.
Feed interrupting mechanism for stapling machines. O. E. Larsson. 2,539,542, Jan. 30.
Feed mechanism. E. T. Knitter. 2,549,975, Apr 24.
Feed mechanism for induction heating apparatus. H. A. Strickland, Jr. 2,538,807, Jan. 23.
Feed mechanism for roller towel cabinets. R. Morris. 2,537,783, Jan. 9.
Feed mechanism for stapling machines. R. E. Peterson. 2,542,879, Feb. 20.
Feed mechanism for wood-planing machines. L. B. Carlson. 2,552,367, May 8.
Feed mixing apparatus. J. S. Herr. 2,576,177, Nov. 27.
Feed nut sleeve for drills. H. T. Mackensen. 2,549,105, Apr. 17.
Feed out mechanism for telegraph printers. E. T. Baldwin. 2,536,528, Jan. 2.
Feed reel. L. Iversen and F. J. Waldschutz. 2,567,670, Sept. 11.
Feed roll. A. Tempe. 2,561,761, July 24.
Feed shutoff mechanism for intermittent drives. J. H. Friedman. 2,538,619, Jan. 16.
Feed structure for tube mills. A. MacPhee. 2,542,875, Feb. 20.
Feed table. C. F. Bamford. 2,536,412, Jan. 2.
Feed, take-up, and stripper mechanism for encapsulating machines. C. C. Alvord. 2,561,900, July 24.
Feed tray and moistening device for duplicating machines, Combined. F. R. Ford. 2,537,125, Jan. 9.
Feed valve mechanism for rotating combustion chambers. R. H. Goddard. 2,536,601, Jan. 2.
Feed works for sawmills. W. E. Arnold and G. R. Caton. 2,569,794, Oct. 2.
Feeder: *See*—

Animal feeder.	Infant feeder.
Automatic bromine water feeder.	Multiple poultry feeder.
Automatic carton feeder.	Pebble feeder.
Automatic poultry feeder.	Pet feeder.
Baby feeder.	Pile feeder.
Bee feeder.	Plant food feeder.
Bottle feeder.	Poultry and live stock feeder.
Chemical feeder.	Poultry feeder.
Chicken feeder.	Rabbit feeder.
Dishwashing machine feeder.	Reciprocating fuel feeder.
Dry feeder.	Rivet feeder.
Economy hog feeder.	Sand feeder.
Envelope feeder.	Tag feeder.
Filament coil feeder.	Twin screw mechanical feeder.
Frog feeder.	

Feeder. L. E. Albertson. 2,578,387, Dec. 11.
Feeder and safety device, Container sealer. R. C. Talbot. 2,546,281, Mar. 27.
Feeder apron for agricultural machines, Adjustable. A. Dion. 2,550,978, May 1.
Feeder bar for feeding sheets of cardboard or the like. 2,540,983, Feb. 6.
Feeder, cutter and moistener, Tape. E. M. and C. E. Barnes. 2,552,926, May 15.
Feeder for closure caps, Reciprocating. J. C. and W. H. Johnson. 2,553,139, May 15.
Feeder for corn harvesters, Stalk. H. L. Rosenthal. 2,542,573, Feb. 20.
Feeder for flattened can bodies. W. Furminger. 2,570,936, Oct. 9.
Feeder for grain pans for grain combines, Adjustable. H. L. Mormann. 2,542,346, Feb. 20.
Feeder for granular material, Uniform. F. L. Runninger. 2,554,796, May 29.
Feeder for movable anvil riveting machines. L. Ward and E. D. Taylor. 2,564,139. Aug. 14.
Feeder for oscillating platen presses, Automatic reciprocating crosswise. H. B. Willett. 2,565,459, Aug. 21.
Feeder for rabbits and poultry. R. E. W. Bacon. 2,571,004, Oct. 9.
Feeder for shank button blanks, Selective. W. J. Witte. 2,564,944, Aug. 21.
Feeder for tumbling mills. N. Ransohoff. 2,539,973, Jan. 30.
Feeder for wild birds, Selective. M. S. Meaker. 2,571,275, Oct. 16.
Feeder having a measuring rotor and an adjustable feed hopper, Concrete aggregate. R. R. Colburn. 2,550,781, May 1.
Feeding and applying insulating disks to conductors, Method of and apparatus for. A. C. Frankwich. 2,579,487, Dec. 25.
Feeding and cooling means for continuously operated internal-combustion chambers. R. H. Goddard. 2,555,080, May 29.
Feeding and marking means for tubes and the like. L. J. Blanchette. 2,562,168, July 31.
Feeding and mixing means for rotating combustion chambers. R. H. Goddard. 2,576,678, Nov. 27.
Feeding and moistening means for dry gummed strip material. R. W. Hoitt. 2,565,451, Aug. 21.
Feeding and printing paper, Method and apparatus for. F. R. Bartholomew. 2,548,281, Apr. 10.
Feeding and stacking method and machine. L. L. Matthews. 2,576,956, Dec. 4.
Feeding and stitching slide fastener stringers to garment fly pieces. M. K. and J. E. Rohrlick. 2,574,351, Nov. 6.
Feeding apparatus. V. C. Dugan. 2,563.321, Aug. 7.
Feeding apparatus. L. P. Knarreborg. 2,538,421, Jan. 16.

Feeding apparatus for a combustion chamber used in aerial propulsion, Recoil-operated. R. H. Goddard. 2,536,597, Jan. 2.
Feeding apparatus for fowl. R. Arnold. 2,536,621, Jan. 2.
Feeding apparatus, including injectors adapted to supply combustion liquids under pressure to a combustion chamber. R. H. Goddard. 2,558,483, June 26.
Feeding apparatus, Livestock. F. T. Byers. 2,565,801, Aug. 28.
Feeding attachment for addressing machines. T. F. Cahill. 2,566,822, Sept. 4.
Feeding attachment for hay balers, Salt. C. V. Edwards. 2,565,422, Aug. 21.
Feeding blanks, Method and apparatus for. H. Anderson. 2,573,944, Nov. 6.
Feeding chemicals. E. B. White. 2,541,799, Feb. 13.
Feeding, cutting, and transfer mechanism. F. G. Wikstrom. 2,537,386, Jan. 9.
Feeding device. O. L. Gomer. 2,566,446, Sept. 4.
Feeding device. J. D. Sasser. 2,541,616, Feb. 13.
Feeding device, Automatic water. J. K. Dukas. 2,556,801, June 12.
Feeding device, Children's. A. Goldfarb. 2,546,122, Mar. 20.
Feeding device, Child's. A. Goldfarb. 2,544,594, Mar. 6.
Feeding device for cigarette-making machines. P. Chaze. 2,551,095, May 1.
Feeding device for combustion chambers, Two-liquid. R. H. Goddard. 2,551,114, May 1.
Feeding device for oil burners, Oil. E. F. Chandler. 2,566,692, Sept. 4.
Feeding device for presses, Reciprocating. J. Schwarcz. 2,542,213, Feb. 20.
Feeding device for rock drills. W. A. Morrison. 2,546,107, Mar. 20.
Feeding device for shaker conveyers. J. H. Holstein. 2,558,753, July 3.
Feeding device for sewing machines. H. Hacklander. W. E. Bowersock. 2,540,162, Feb. 6.
Feeding device for sewing machines. R. C. Robert and J. Court. 2,578,225, Dec. 11.
Feeding device for silage blowers, Auger-type. C. J. Scranton and B. G. Elliott. 2,575,639, Nov. 20.
Feeding device, Punch press. A. N. Nyquist. 2,566,243, Aug. 28.
Feeding device, Recording head. F. Van Eps. 2,553,392, May 15.
Feeding device, Solid fuel. W. F. Pfau. 2,567,397, Sept. 11.
Feeding device, Tool. E. C. Brodin. 2,553,699, May 22.
Feeding device, Work. E. J. Tuttle. 2,558,633, June 26.
Feeding kit, Infant's. N. E. Donaldson. 2,555,788, June 5.
Feeding means for motion-picture drive mechanisms, Intermittent claw type. A. Raskin. 2,552,457, May 8.
Feeding means for plastic fabricating machines. S. D. Bradley. 2,553,076, May 15.
Feeding means in printing machines, Streamline. E. C. Sauerman. 2,552,869, May 15.
Feeding mechanism. P. W. Klooz and S. R. Bates. 2,543,244, Feb. 27.
Feeding mechanism. L. Walters. 2,548,834, Apr. 10.
Feeding mechanism for accounting machines, Paper. A. L. Booten. 2,565,295, Aug. 21.
Feeding mechanism for automatic firearms. C. E. Simpson. 2,565,527, Aug. 28.
Feeding mechanism for balers and like machines. C. S. Morrison. 2,572,180, Oct. 23.
Feeding mechanism for can ends. W. Pechy. 2,539,467, Jan. 30.
Feeding mechanism for combustion chambers, Liquid. R. H. Goddard. 2,551,113, May 1.
Feeding mechanism for gang slitters. W. H. Diezel. 2,554,095, May 22.
Feeding mechanism for knitting machines, Yarn. E. V. Stibbe and B. H. West. 2,537,000, Jan. 2.
Feeding mechanism for printing machines. J. A. Black. 2,578,779, Dec. 18.
Feeding mechanism for printing presses. J. R. Lauffer. 2,554,579, May 29.
Feeding mechanism for sewing machines. F. W. Breul. 2,546,939, Mar. 27.
Feeding mechanism for sewing machines. D. A. Graesser and A. J. Matuzas. 2,550,553, Apr. 24.
Feeding mechanism for sewing machines. H. Hacklander. 2,538,309, Jan. 16.
Feeding mechanism for sewing machines. A. N. Hale. 2,561,310, July 17.
Feeding mechanism for writing machines. C. R. Mabon and L. F. Hageman. 2,543,919, Mar. 6.
Feeding mechanism, Mining machine. C. P. Baldwin. 2,552,705, May 15.
Feeding mechanism, Paper. J. E. Dayger and E. M. Hollis. 2,566,932, Sept. 4.
Feeding mechanism, Record card. A. W. Mills. 2,566,951, Sept. 4.
Feeding mechanism, Shoe heel. J. P. Quirk and L. G. P. Hafner. 2,548,321, Apr. 10.
Feeding of pulverized materials, Aerating. E. G. Bailey and R. M. Hardgrove. 2,559,557, July 3.
Feeding safety razor blades, Magazine for and process of. J. Muros. 2,567,230, Sept. 11.
Feeding slurry, Apparatus and process for. W. C. Davis. 2,566,174, Aug. 28.
Feeding stock, Intermittently. W. B. Ewing and S. W. Thayer. 2,550,680, May 1.
Feeler gauge holder. F. Koenig. 2,558,965, July 3.
Feeler gauge holder. C. McGuire. 2,564,812, Aug. 21.
Felt blanks, Manufacture of. A. Dokoupil. 2,539,573, Jan. 30.
Felt conditioner for use in paper-making. F. W. Vickery. 2,544,572, Mar. 6.
Felt for papermaking machines. S. J. Geddings. 2,540,874, Feb. 6.
Felt, Papermaker's. J. P. Koester and H. S. Comer. 2,554,034, May 22.
Felted material and making the same. F. Cremer and H. F. Unick. 2,568,144, Sept. 18.
Fence. J. Van Tassel. 2,564,866, Aug. 21.
Fence and control system therefor, Electric. P. Stull. 2,538,172, Jan. 16.
Fence builder, Barbed-wire. W. S. Fritz. 2,554,020, May 22.
Fence construction, Property line. H. Buchholz. 2,546,494, Mar. 27.
Fence, Electric. D. D. Metcalf. 2,574,052, Nov. 6.
Fence for well pumping units, Guard. M. J. Lowry. 2,557,300, June 19.
Fence gate construction. E. A. Etnyre. 2,575,947, Nov. 20.
Fence or splash back for stoves and ranges. E. D. Pellegrin. 2,556,554, June 12.
Fence or splash back structure for cooking stoves and ranges. A. J. Reedy. 2,556,555, June 12.
Fence, Picket. R. W. Barrett. 2,573,239, Oct. 30.
Fence, Picket. G. H. Wadsworth. 2,560,014, July 10.
Fence picket, Plastic. N. J. Du Batto and C. Wolf. 2,545,845, Mar. 20.
Fence, Sectional precast concrete. C. Rose. 2,574,711, Nov. 13.
Fence, Slidably adjustable saw table guide. H. Modderman. 2,556,548, June 12.
Fencing tool. C. V. Davis. 2,578,230, Dec. 11.
Fender and fender shield assembly and mounting and supporting means therefor. G. W. Schatzman. 2,557,146, June 19.
Fender and fender shield assembly and mounting the same. G. W. Schatzman. 2,557,147, June 19.
Fender and fender shield construction. G. W. Schatzman. 2,560,601, July 17.
Fender and fender shield structure and attaching means therefor. G. W. Schatzman. 2,557,145, June 19.
Fender, Boat. V. Harasty. 2,543,404, Feb. 27.
Fender, Braking. B. I. Ulinski. 2,562,835, July 31.
Fender construction. J. Oswald. 2,549,124, Apr. 17.
Fender extension. W. G. Bratz. 2,559,755, July 10.
Fender flap support. L. Zaiger and R. I. Lappin. 2,574,310, Nov. 6.
Fender guard for pickup trucks, Rear. G. Brandt. 2,549,166, Apr. 17.
Fender, Knee acting adjustable. D. F. McCullar. 2,543,921, Mar. 6.
Fender protector. E. W. Wagner. 2,538,813, Jan. 23.
Fender shield mounting. G. W. Schatzman. 2,567,971, Sept. 18.
Fender shield mounting. G. W. Schatzman. 2,569,496, Oct. 2.
Fender skirt, Front. H. Bookman. 2,577,673, Dec. 4.
Fermentation activation. C. S. Miner, Jr., and B. Wolnak. 2,544,273, Mar. 6.
Fermentation of wine and the like, Continuous. V. M. Cremaschi. 2,536,994, Jan. 2.
Fermentation process. P. Vergnaud. 2,541,561, Feb. 13.
Fermentation process, Continuous. V. M. Cremaschi. 2,536,993, Jan. 2.
Fermentation process for production of vitamin B_{12}. J. A. Garibaldi, K. Ijichi, J. C. Lewis, and J. McGinnis. 2,576,932, Dec. 4.
Fermentor for submerged cultures. H. Humfeld, E. Aeschlimann, and J. R. Hoffman. 2,542,031, Feb. 20.
Ferris wheel. W. Powell. 2,576,477, Nov. 27.
Ferrite compositions, including lithium ferrite, Mixed. I. J. Hegyi. 2,549,089, Apr. 17.
Ferritic alloy. S. F. Urban and G. F. Comstock. 2,542,220, Feb. 20.
Ferromanganese, Production of. M. J. Udy. 2,549,994, Apr. 24.
Ferrous alloys and abrasive-resistant articles made therefrom. D. J. Giles. 2,575,217–19, Nov. 13.
Ferrous alloys and articles made therefrom. D. J. Giles. 2,575,216, Nov. 13.
Ferrule for heat exchanger tubes, Protective. S. Pennella. 2,557,360, June 19.
Ferrule reforming apparatus. J. B. Goodgame and C. D. Baker, Sr. 2,542,508, Feb. 20.
Fertilizer and seed distributor machine. E. J. Ingalls. 2,576,941, Dec. 4.
Fertilizer distributor with plural outlets closed by a common gate equipped with an additional closure for each outlet. R. C. Moore, Sr. 2,560,732, July 17.
Fertilizer spreader and grain drill. C. A. Rerick. 2,554,637, May 29.
Festoon, Adjustable. C. Gallo. 2,547,697, Apr. 3.
Festoons, Manufacture of. G. R. Goodwin. 2,568,495, Sept. 18.
Fetal heart monitor. A. Appel. 2,536,527, Jan. 2.

Fe_2O_3—Cr_2O_3—CuO hydrogenation catalyst. H. R. Guest and R. W. McNamee. 2,544,756, Mar. 13.
Fiber cutter. E. K. Bauer. 2,559,700, July 10.
Fiber dispersing machine and method. C. Uschmann. 2,579,770, Dec. 25.
Fiber felts, Production of hot-bonded. C. C. Heritage. 2,569,169, Sept. 25.
Fiber lubricant composition. M. Duke, C. Hohing, Jr., and B. L. Shaffer. 2,575,382, Nov. 20.
Fiber recovering machine. W. L. Hannold and J. J. Griffith. 2,576,788, Nov. 27.
Fiber strand, Multiple. J. Bailey. 2,545,869, Mar. 20.
Fibers, Production of. G. D. Fortman. 2,561,617, July 24.
Fibrinogen, Preparing. W. H. Seegers, E. C. Loomis, and A. G. Ware. 2,543,808, Mar. 6.
Fibrous glass fabric. A. S. Tallman. 2,552,124, May 8.
Fibrous material, Producing. C. R. Austin. 2,554,486, May 29.
Fibrous materials and making same, Flame resistant cellulose. R. R. Oliver. 2,553,781, May 22.
Fibrous products, Making. G. J. Sluiter. 2,575,895, Nov. 20.
Field-coil punching and coil. C. H. Sutherland. 2,561,428, July 24.
Field correction in magnetic induction accelerators. W. F. Westendorp. 2,558,597, June 26.
Field cover. L. J. Schultheis. 2,540,380, Feb. 6.
Field for playing golf. M. B. Reach. 2,577,690, Dec. 4.
Field mapping device, Electric. J. W. Clark. 2,542,478, Feb. 20.
Field of vision plotting device. H. D. Shekels. 2,564,794, Aug. 21.
Field shelter, Sectional. B. Keklen and E. A. Drotning. 2,572,732, Oct. 23.
Field strength meter. R. W. Gilbert. 2,546,093, Mar. 20.
Fighting fire aboard ships. J. C. Rochet. 2,576,143, Nov. 27.
Figure and lamp, Combined animal-like. F. Schwartz and A. Plachter. 2,560,191, July 10.
Filament coil feeder. A. C. Jones. 2,571,579, Oct. 16.
Filament failure device for electronic tubes. L. L. Helterline, Jr., M. Best, Jr., and A. Bunblasky. 2,576,014, Nov. 20.
Filament power supply system for radio receivers. L. W. Parker. 2,563,740, Aug. 7.
Filamentary tubular article and producing the same. R. R. Cone. 2,551,098, May 1.
Filaments, films, or the like of artificial materials, Manufacture of. T. F. Barrington. 2,542,301, Feb. 20.
Filaments, threads, and the like by the wet spinning process, Production of. H. Barratt and L. Rose. 2,539,176, Jan. 23.
File and case therefor, Nail. E. E. Murphy. 2,555,360, June 5.
File binder. A. A. Chauvin. 2,576,571, Nov. 27.
File, Catologue. J. A. Gibson. 2,560,721, July 17.
File cleaner. A. B. Gerhan. 2,544,310, Mar. 6.
File, Corn abrasive. E. Cortes. 2,557,175, June 19.
File for continuous sheets. C. H. Swenson. 2,537,172, Jan. 9.
File holder. W. M. Murdach and H. Harrison. 2,547,484, Apr. 3.
File processing apparatus, Page card. H. H. Feldstein. 2,541,753, Feb. 13.
File, Rotary. W. O. Carlson. 2,575,745, Nov. 20.
File, Rotary. C. O. Olson. 2,575,766, Nov. 20.
File, Visible offset card. C. F. Wolters, and N. Y. Andersen. 2,537,564, Jan. 9.
Filing and record keeping equipment, Exposed. R. K. Klapman. 2,552,434, May 8.
Filing apparatus. W. E. Adams. 2,562,593, July 31.
Filing apparatus. R. P. Scholfield and R. E. Kelly. 2,536,574, Jan. 2.
Filing apparatus, Card. W. E. Adams. 2,541,185, Feb. 13.
Filing appliance. G. H. Bockius and C. E. Erickson. 2,574,523, Nov. 13.
Filing box and follower member. R. F. Randtke. 2,538,165, Jan. 16.
Filing cabinet. H. Lehner. 2,572,737, Oct. 23.
Filing cabinet. E. C. Weiskopf. 2,559,203, July 3.
Filing cabinet handle. C. E. Jones. 2,541,585, Feb. 13.
Filing chair. R. P. Scholfield and L. R. Houghtaling. 2,560,001, July 10.
Filing device. D. A. Gunn. 2,574,870, Nov. 13.
Filing device. A. R. Jackson. 2,564,573, Aug. 14.
Filing device, Loose-leaf. R. J. Ambler. 2,559,556, July 3.
Filing guide, Saw. V. Nelson. 2,543,192, Feb. 27.
Filing jacket or holder for paper, Multiple. R. A. E. Guichard. 2,574,386, Nov. 6.
Filing machine. J. Jesionowski. 2,540,889, Feb. 6.
Filing machine. J. V. Marr and W. G. Mercer. 2,564,490, Aug. 14.
Fill adjusting mechanism for molding presses. R. B. Saalfrank. 2,537,426, Jan. 9.
Filler cap. R. G. Miller. 2,552,053, May 8.
Filler cap and other closures. R. C. Marcell. 2,574,836, Nov. 13.
Filler cap assembly. L. E. Rausenberger. 2,564,232, Aug. 14.
Filler spout protective and sealing arrangement for vehicle luggage compartments. A. J. Weatherhead, Jr. 2,570,506, Oct. 9.
Filler track. J. H. Brewer. 2,536,259, Jan. 2.
Filleting fish. W. H. Hunt. 2,577,686, Dec. 4.
Filleting fish. K. A. Leuschner. 2,552,984, May 15.
Filling and closing machine with can and cover handling devices. R. E. J. Nordquist. 2,561,404, July 24.
Filling and dispensing apparatus, Substance. H. C. Canine. 2,545,605, Mar. 20.
Filling and draining attachment for tanks. C. P. Dahl. 2,574,022, Nov. 6.
Filling and weighing machine, Bag. F. F. Lindstaedt and C. R. Fischer. 2,546,193, Mar. 27.
Filling containers, Method and apparatus for. C. F. Carter. 2,538,441, Jan. 16.
Filling corrugated vessels with rubber. C. D. Branson. 2,572,438, Oct. 23.
Filling device for feed troughs, Adjustable. F. C. Trautvetter. 2,576,154, Nov. 27.
Filling feeler for automatic looms. S. G. Taylor. 2,556,562, June 12.
Filling fork well cleaner. H. W. Carroll. 2,577,449, Dec. 4.
Filling head having air locked chamber for filling liquids into containers. M. W. Loveland. 2,543,788, Mar. 6.
Filling inlet for containers, especially for hot-water bottles and the like. R. Aitken. 2,562,010, July 24.
Filling machine. J. P. Jakob. 2,556,188, June 12.
Filling machine. F. W. Krueger. 2,540,741, Feb. 6.
Filling machine. L. McGihon. 2,551,033, May 1.
Filling machine, Ampoule. B. Emery and W. L. Elder. 2,544,416, Mar. 6.
Filling machine for bakery products. C. W. Clelland. 2,551,419, May 1.
Filling machine for gaseous liquids. P. L. Chelle. 2,548,589, Apr. 10.
Filling machine having a flexible bag enclosure with spaced ribs to provide a bag support and passageways externally of the bag. D. Ray. 2,565,045, Aug. 21.
Filling machine, Multiple. F. J. Cozzoli. 2,548,707, Apr. 10.
Filling machine with container top positioning guide, Overflow type. J. McCaughey. 2,538,208, Jan. 16.
Filling machine with improved valve mechanism. R. E. J. Nordquist. 2,563,863, Aug. 14.
Filling machine with reciprocating pistons operating within reciprocating measuring chambers. R. E. J. Nordquist. 2,578,732, Dec. 18.
Filling valve. L. R. Hollifield. 2,536,746, Jan. 2.
Film advancing and guiding means in microfilm projectors. V. E. Pratt and G. F. Gray. 2,558,982, July 3.
Film advancing and metering means for roll film cameras. O. H. Wisegarver. 2,539,764, Jan. 30.
Film advancing means for film magazines. C. H. Jacobson. 2,568,339, Sept. 18.
Film advancing mechanism in a sound-picture strip projector. W. F. Wolfner II. 2,575,203, Nov. 13.
Film and plate developing hanger. K. E. Penney. 2,562,942, Aug. 7.
Film containing magazine and film handling apparatus. W. D. Foster and O. W. Wilson. 2,560,564, July 17.
Film controlled motor switch. F. Hauser. 2,570,944, Oct. 9.
Film cartridge, Light-tight. J. Mihalyi. 2,541,476, Feb. 13.
Film cassette. L. A. Ulmschneider and C. W. Lewis. 2,571,796, Oct. 16.
Film developing and fixing apparatus, Photographic. J. P. Mitchell. 2,551,892, May 8.
Film developing apparatus. I. J. Newman and H. W. Schmidt. 2,557,307, June 19.
Film driving apparatus. C. C. Davis. 2,562,379, July 31.
Film driving mechanism for optical compensating motion-picture apparatus. J. Briskin. 2,554,892, May 29.
Film editing equipment. W. G. Haddrell. 2,573,013, Oct. 30.
Film editing kit. W. G. Haddrell. 2,573,014, Oct. 30.
Film evaporator, Falling. J. A. Cross. 2,570,211, Oct. 9.
Film feeding means for printing machines. F. E. Oakhill. 2,548,998, Apr. 17.
Film feeding mechanism. A. V. L. C. Debrie. 2,553,898, May 22.
Film-forming latex of unplasticized ternary vinylidene chloride copolymer. G. W. Stanton and C. E. Lowry. 2,538,737, Jan. 16.
Film handling means for developing tanks. J. Langer. 2,571,900, Oct. 16.
Film holder. D. A. Albert. 2,579,287, Dec. 18.
Film holder. H. H. Kugel. 2,572,735, Oct. 23.
Film holder and drain pan for radiographic examinations, Combined. M. Friedman. 2,569,561, Oct. 2.
Film holder for use in photographic cameras. J. S. Panosian. 2,572,189, Oct. 23.
Film holding frame. J. Carr. 2,553,957, May 22.
Film identifying means for photographic camera film holders. J. S. Panosian. 2,552,905, May 15.
Film, Leader. H. R. Hustad. 2,579,581, Dec. 25.
Film-loop former. O. Wittel. 2,570,176, Oct. 2.
Film magazine. J. D. Wilson and C. E. Smith. 2,573,780, Nov. 6.
Film measuring and double-exposure prevention device. R. E. Kesel and R. F. Blattner. 2,559,880, July 10.

Film movement claw arrangement. A. C. Coutant and J. Mathot. 2,560,159, July 10.
Film perforation pinch gauge. J. G. Capstaff. 2,566,165, Aug. 28.
Film processing device. F. G. Albin. 2,570,627, Oct. 9.
Film processing equipment. F. Traiber. 2,562,588, July 31.
Film processor. V. E. Pratt and G. F. Gray. 2,538,270, Jan. 16.
Film, Producing a smooth-wrinkle patterned. W. F. Flanagan. 2,536,048, Jan. 2.
Film projector and viewer. H. C. Leavitt. 2,543,113, Feb. 27.
Film projector with motor-driven film feeding mechanism. V. E. Pratt and G. F. Gray. 2,564,274, Aug. 14.
Film reel. T. Örtenblad and B. A. Johansen. 2,545,004, Mar. 13.
Film reel band. W. E. Murray. 2,579,600, Dec. 25.
Film reel carrying case. L. B. Goldberg. 2,558,839, July 3.
Film reel combination. W. U. Zeller. 2,563,148, Aug. 7.
Film reel drive and holdback mechanism. M. E. Collins. 2,568,790, Sept. 25.
Film registration device. O. E. Conklin. 2,578,514, Dec. 11.
Film retainer for cinematograph sprockets. J. Thévenaz. 2,552,299, May 8.
Film, Rust preventive. J. J. Brophy, B. M. Pineles and R. C. Putnam. 2,549,050, Apr. 17.
Film splicing device. E. W. Goldberg. 2,561,856, July 24.
Film splicing machine. B. W. Hancock and J. B. Maier. 2,544,082, Mar. 6.
Film spool. E. Medal. 2,574,883, Nov. 13.
Film spool centering pin. D. C. Harvey. 2,552,276, May 8.
Film sprocket guard. D. F. Lyman and J. A. Rodgers. 2,541,475, Feb. 13.
Film stabilizer for sound motion-picture projectors. J. Briskin and C. Peto. 2,568,539, Sept. 18.
Film-strip carrier actuating mechanism for automatic photographic apparatus. P. S. Allen. 2,544,644, Mar. 13.
Film structure and producing the same. C. S. Francis, Jr. 2,565,491, Aug. 28.
Film take-up chamber for photographic apparatus. P. J. Ernisse. 2,578,295, Dec. 11.
Film tensioning apparatus. H. A. Bendfelt. 2,578,123, Dec. 11.
Film tensioning apparatus. C. C. Davis. 2,570,773, Oct. 9.
Film transport case. C. P. Collins, G. J. Gacey, E. D. Marston, W. S. Morris, and J. L. Trumbo. 2,561,342, July 24.
Film transporting mechanism for automatic photographic apparatus. P. S. Allen. 2,576,204, Nov. 27.
Film treating apparatus. H. H. Klemola. 2,551,329, May 1.
Film viewing editor. M. S. Wolk. 2,551,482, May 1.
Film viewer, Projection. L. Frankel. 2,576,586, Nov. 27.
Film winding and rewinding mechanism. F. N. Woodhouse and C. E. Swing. 2,571,807, Oct. 16.
Film winding and shutter tensioning mechanism. H. A. Bing and C. W. Pribus. 2,571,661, Oct. 16.
Film-winding control and counter for roll-holding cameras. D. C. Harvey. 2,548,530, Apr. 10.
Film-winding control for cameras. E. H. Cumpston, Jr. 2,552,262, May 8.
Film winding control for cameras. J. Mihalyi, C. W. Pribus, and H. A. Bing. 2,559,892, July 10.
Film winding control for roll-film handling apparatus. P. J. Ernisse. 2,548,525, Apr. 10.
Film with magnetic sound track, Motion-picture. S. W. Warren. 2,541,136, Feb. 13.
Film with sound record, Multicolor motion-picture. J. A. Ball, A. B. Jennings, and O. W. Murray. 2,551,086, May 1.

Filter: *See—*

Air filter.
Anisometric metallic filter.
Back washing filter.
By-pass filter.
Candle filter.
Coffee filter.
Continuous industrial filter.
Crankcase breather opening filter.
Demijohn filter.
Dust collector filter.
Dust filter.
Electron beam tube filter.
Endless belt filter.
Engine oil filter.
Fluid filter.
Fuel oil filter.
High-frequency filter.
Leaf type filter.
Light filter.
Liquid filter.
Lubricant filter.
Mechanical filter.
Microphone sound filter.
Microwave filter.
Milk filter.
Oil filter.
Oil sump air filter.
Pressure filter.
Radio-frequency filter.
Regulator filter.
Removable fibre glass filter.
Rotary drum vacuum filter.
Suction cleaner filter.
Tunable radio frequency filter.
Water filter.
Wave guide filter.

Filter. B. I. Blickman. 2,549,363, Apr. 17.
Filter. W. W. Boggs. 2,561,685, July 24.
Filter. R. De Liban. 2,569,232, Sept. 25.
Filter. F. J. Fette. 2,553,567, May 22.
Filter. W. Kasten. 2,562,361, July 31.
Filter. W. V. Kennedy. 2,568,196, Sept. 18.
Filter. R. J. Koupal. 2,570,132, Oct. 2.
Filter. J. P. Kovacs. 2,569,243, Sept. 25.
Filter. J. A. McCaskell. 2,565,388, Aug. 21.
Filter. C. H. Miller. 2,536,690, Jan. 2.
Filter. J. P. Morris. 2,548,440, Apr. 10.
Filter. W. R. Stafford. 2,577,217, Dec. 4.
Filter. W. R. Tucker. 2,560,142, July 10.
Filter. C. G. Vokes. 2,544,244, Mar. 6.
Filter. C. G. Vokes. 2,575,900, Nov. 20.
Filter. F. H. Winslow and W. S. Hammond. 2,540,362, Feb. 6.
Filter. C. A. Winslow, W. G. Nostrand, and L. L. Moore. 2,559,267, July 3.
Filter. C. A. Winslow, W. G. Nostrand, and L. L. Moore. 2,565,445, Aug. 21.
Filter. F. W. Young. 2,567,266, Sept. 11.
Filter and purifier, Liquid. G. E. Cantin, Jr. 2,537,965, Jan. 16.
Filter and backwashing same. N. Cooperson and A. W. Kingsbury. 2,562,699, July 31.
Filter apparatus. E. E. Hallander. 2,547,205, Apr. 3.
Filter apparatus. F. Kausch. 2,575,876, Nov. 20.
Filter apparatus. W. R. Thomson. 2,568,420, Sept. 18.
Filter assembly. F. R. Ogilvie. 2,569,186, Sept. 25.
Filter assembly. J. W. Robinson. 2,579,863, Dec. 25.
Filter assembly, Air scoop. E. H. Berge. 2,551,923, May 8.
Filter assembly for coffee makers. I. Jepson. 2,564,644, Aug. 14.
Filter bag and system. T. O. Bokich. 2,551,312, May 1.
Filter bag attaching means for dust arresting apparatus. R. Ruemelin. 2,576,310, Nov. 27.
Filter bowl construction. J. L. Edelen. 2,567,062, Sept. 4.
Filter cleanout mechanism. A. C. Kracklauer. 2,538,575, Jan. 16.
Filter cartridge container. R. A. Sandberg. 2,578,020, Dec. 11.
Filter cloth. E. G. Smith. 2,551,175, May 1.
Filter element. C. B. Chase. 2,556,521, June 12.
Filter element. J. B. Clark. 2,568,184, Sept. 18.
Filter element. W. S. Cook. 2,569,745, Oct. 2.
Filter element. L. H. De Haven. 2,559,852, July 10.
Filter element. E. G. Gunn. 2,553,820, May 22.
Filter element. R. H. Hunter. 2,537,897, Jan. 9.
Filter element. H. S. Manwaring. 2,540,273, Feb. 6.
Filter element and making the same. L. E. Anderson. 2,539,768, Jan. 30.
Filter element. Cylindrical bag. L. H. De Haven. 2,545,769, Mar. 20.
Filter element, Making a. L. E. Anderson. 2,539,767, Jan. 30.
Filter element producing machine and filter production. W. K. Malmstrom and E. J. Sherlock. 2,540,272, Feb. 6.
Filter element useful in radio circuits. W. L. Carlson and R. L. Harvey. 2,549,424, Apr. 17.
Filter for air motors. E. C. Horton. 2,542,198, Feb. 20.
Filter for black and white and color television receivers, Light. M. L. Kaplan. 2,567,713, Sept. 11.
Filter for coffee brewers. J. Siczkiewicz, Jr. 2,555,766, June 5.
Filter for colorimeters. A. L. M. A. Rouy. 2,550,382, Apr. 24.
Filter for compressed air systems, Air. A. E. Schmidlin. 2,537,094, Jan. 9.
Filter for electromagnetic waves, Band stop. H. Gutton and J. Ortusi. 2,553,313, May 15.
Filter for fluids. R. D. Wiley. 2,580,209, Dec. 25.
Filter for goggles and the like. F. W. Maurer and J. B. Hirschmann. 2,573,722, Nov. 6.
Filter for headlights, Fog. C. A. Cyr. 2,544,378, Mar. 6.
Filter for liquids. R. A. Plante. 2,563,548, Aug. 7.
Filter for ultraviolet radiations. I. A. Pearl. 2,568,760, Sept. 25.
Filter for use in making coffee. J. D. Chambers. 2,539,771, Jan. 30.
Filter for use in wave guides, High-frequency electrical. H. Gutton and A. J. Ortusi. 2,546,742, Mar. 27.
Filter for vacuum cleaners. F. Greenberg. 2,557,279, June 19.
Filter in single housing, Two-stage. C. D. Nugent. 2,545,374, Mar. 13.
Filter materials and making such materials. J. B. Catlin and J. C. Wollwage. 2,554,814, May 29.
Filter network, Ultra high frequency side band. H. Kihn. 2,536,504, Jan. 2.
Filter pad dispenser. A. J. Rubisch. 2,568,413, Sept. 18.
Filter product, Molded. J. E. Valente. 2,576,864, Nov. 27.
Filter recharge, Pressure. C. D. Nugent. 2,550,853, May 1.
Filter replacement unit, Oil. J. D. Wicks and L. M. I. Deaver. 2,543,481, Feb. 27.
Filter smoker for invalids, etc. J. Siens. 2,563,695, Aug. 7.
Filter system. R. J. Koupal. 2,570,131, Oct. 2.
Filter system. R. L. Rathmann. 2,566,633, Sept. 4.
Filter tube. D. Miller, Jr. 2,562,730, July 31.
Filter unit. R. S. Farr. 2,537,217, Jan. 9.
Filter unit. R. H. Hunter and E. J. Kasper. 2,537,898, Jan. 9.
Filter unit. S. G. Orban. 2,566,463, Sept. 4.

Filter unit, Blood transfusion. J. E. B. Shaw. 2,558,987, July 3.
Filter unit, Electrical. R. L. Harvey and V. D. Landon. 2,569,667, Oct. 2.
Filter unit for cookers. A. A. Winston. 2,562,839, July 31.
Filter unit for vacuum cleaners. E. P. Senné. 2,543,556, Feb. 27.
Filter unit, Molded disk refrigerant drier. K. M. Newcum. 2,556,292, June 12.
Filtering apparatus. S. G. Nordengren. 2,570,697, Oct. 9.
Filtering apparatus. R. Slama. 2,553,387, May 15.
Filtering apparatus, Cooking oil. T. Daugherty. 2,578,129, Dec. 11.
Filtering apparatus, Fluid. F. B. Shepard. 2,548,400, Apr. 10.
Filtering apparatus for liquids. J. P. Buffle. 2,559,936, July 10.
Filtering apparatus, Oil. H. S. Nelson. 2,540,134, Feb. 6.
Filtering control means. C. L. Peterson. 2,555,367, June 5.
Filtering device. C. W. Hellberg. 2,556,539, June 12.
Filtering device. J. J. Naugle. 2,568,085, Sept. 18.
Filtering device. L. A. Zacko. 2,540,564, Feb. 6.
Filtering device for coffee makers. M. S. Ziskin and L. W. Cline. 2,577,990, Dec. 11.
Filtering device, Gas. F. K. McGowan. 2,574,053, Nov. 6.
Filtering glyceride oils. H. K. McClain. 2,579,946, Dec. 25.
Filtering means for air supply devices. T. A. Conley. 2,577,606, Dec. 4.
Filtering means for the stacks of smudge pots and the like. A. L. Todd. 2,544,190, Mar. 6.
Filtering media. F. A. Shuler. 2,544,733, Mar. 13.
Filtering, Method and apparatus for. A. O. Fink and D. E. Bench. 2,576,288, Nov. 27.
Filters. H. L. Green, D. J. Thomas, and W. J. Harris. 2,573,964, Nov. 6.
Filters for removing dust from gas or air. W. L. Trowbridge. 2,579,984, Dec. 25.
Filtration of hydrocarbon polymers, Low temperature. A. B. Hersberger. 2,537,759, Jan. 9.
Filtration system. C. W. Cox. 2,540,474, Feb. 6.
Filtration through loose filter material. L. W. Nijboer. 2,546,650, Mar. 27.
Fin for heat exchange elements. A. P. J. Huet. 2,578,305, Dec. 11.
Fin wedge for high heel shoes. L. D. and J. Brannen. 2,571,673, Oct. 16.
Finned tube. C. S. Simpelaar. 2,537,797, Jan. 9.
Finned type heater. I. Pass. 2,562,436, July 31.
Finder for automatic carrier telephone systems. G. F. Bellairs and J. C. Ireland. 2,545,642, Mar. 20.
Fine powders from gel materials, Preparation of. R. M. Deanesly. 2,572,321, Oct. 23.
Finely divided amorphous silica, Production of. J. F. Hazel. 2,561,304, July 17.
Fines separation. M. W. Smith and F. W. Weigel. 2,567,450, Sept. 11.
Finger band, Pin-inserting. R. Doyle. 2,548,521, Apr. 10.
Finger cup. S. Abramson. 2,539,940, Jan. 30.
Finger guide for clarinets. C. E. Hansen. 2,556,535, June 12.
Finger held tape cutter. H. A. Coldiron. 2,572,245, Oct. 23.
Finger nail exposer for use in manicuring. L. B. Platt. 2,566,852, Sept. 4.
Fingerprinting device, Photographic. J. E. Popma. 2,579,961, Dec. 25.
Finger ring. P. Grafstein. 2,541,415, Feb. 13.
Finger ring guard. L. F. Pollard and S. Jacobson. 2,579,856, Dec. 25.
Finger stall. J. H. Wilson. 2,564,183, Aug. 14.
Finger stop for stringed instruments. C. Rader. 2,578,984, Dec. 18.
Finger support for nail polish application. P. Libson. 2,579,450, Dec. 18.
Finger-tip shaper. B. H. Van Megroot. 2,553,070, May 15.
Finish rim construction. G. McMurtrie. 2,565,982, Aug. 28.
Finishing and sizing device, Precision controlled. C. M. Watts. 2,536,479, Jan. 2.
Finishing apparatus, Fabric. E. P. Taylor and A. Melville. 2,566,075, Aug. 28.
Finishing apparatus for plastic moldings. N. Fienberg and A. R. Calder. 2,568,956, Sept. 25.
Finishing extruded pipes of clayware, Method and apparatus for. J. F. Booth. 2,541,570, Feb. 13.
Finishing furs. F. H. Richterkessing. 2,574,452, Nov. 6.
Finishing glassware. C. W. Schreiber. 2,571,066, Oct. 9.
Finishing lenses. H. J. Stead. 2,554,070, May 22.
Finishing machine. H. C. Warner. 2,567,090, Sept. 4.
Finishing method and apparatus. W. T. Stanley. 2,561,037, July 17.
Finishing nylon fabric articles. H. G. Bell. 2,549,564, Apr. 17.
Finishing of woven fabrics. A. Melville. 2,569,897, Oct. 2.
Finishing phthalocyanine pigments. F. W. Lane and A. J. Stratton. 2,556,727, June 12.
Finishing rack sections, Method and apparatus for. W. S. Praeg. 2,543,985, Mar. 6.
Finishing tool. R. G. Ames. 2,571,096, Oct. 16.
Finishing tubes. P. Rusnov. 2,539,863, Jan. 30.
Finishing workpieces of irregular shapes. H. D. Coe, Jr., and J. B. Dym. 2,575,656, Nov. 20.
Fire alarm. G. D. Mateer. 2,575,883, Nov. 20.
Fire alarm device for beds. N. L. Allen. 2,544,946, Mar. 13.
Fire alarm, Electric clock. A. H. Lamb. 2,552,331, May 8.
Fire alarm, Explosive type. F. S. and J. G. Lovelace. 2,548,382, Apr. 10.
Fire alarm of the whistle type. J. J. Murphy. 2,551,037, May 1.
Fire alarm, Radio operated. D. P. Decker. 2,566,121, Aug. 28.
Fire alarm signal station, Automatic and manually operated. M. Levy. 2,570,823, Oct. 9.
Fire alarm system. O. E. Tendall. 2,549,645, Apr. 17.
Fire alarm switch. M. Levy. 2,545,854, Mar. 20.
Firearm. J. M. Hobbs. 2,574,147, Nov. 6.
Firearm. C. A. Young. 2,553,995, May 22.
Firearm bore wiper, Deformable. P. E. Franklin. 2,544,150, Mar. 6.
Firearm, Recoil operated. L. V. S. Blacker. 2,549,162, Apr. 17.
Firearm, Repeating. T. F. Horan. 2,565,688, Aug. 28.
Firearm, Single-trigger double-barrel. J. A. Morrone. 2,568,556, Sept. 18.
Firearm trigger mechanism. A. B. Cubbage. 2,564,960, Aug. 21.
Firearm with pivoted bolt lock, Recoil operated. L. R. Crittendon. 2,570,772, Oct. 9.
Fire-avoiding grinding and classifying system and process. J. W. Ayers. 2,554,450, May 22.
Firebox cover lifter. R. E. Gardiner. 2,541,158, Feb. 13.
Firebox for locomotive boiler, Water tube. A. Williams. 2,578,332, Dec. 11.
Fire box with air and steam feeding means, Oil-burning boiler. F. Wetzel. 2,576,373, Nov. 27.
Fire check. J. Madden. 2,567,720, Sept. 11.
Fire control apparatus. S. G. Gerdin. 2,567,665, Sept. 11.
Fire control apparatus for oil and gas wells. O. Fewell. 2,536,434, Jan. 2.
Fire control device, Stroboscopic. H. M. Drake. 2,538,769, Jan. 23.
Fire control mechanism. A. F. Gaidos. 2,549,797, Apr. 24.
Fire control mechanism for firearms. E. M. Harvey. 2,571,132, Oct. 16.
Fire control system. C. B. Davis. 2,560,091, July 10.
Fire control system. E. M. Deloraine. 2,557,949, June 26.
Fire control system. J. E. Reierson. 2,570,276, Oct. 9.
Fire-detecting and extinguishing apparatus, Automatic. E. Roffman. 2,570,280, Oct. 9.
Fire detecting system. C. J. Adams and J. A. Proctor. 2,563,904, Aug. 14.
Firedog, Adjustable. R. H. Dart. 2,543,230, Feb. 27.
Fire door. N. Michelman. 2,564,208, Aug. 14.
Fire door. A. O. Norman. 2,573,160, Oct. 30.
Fire escape. H. M. Carlsen. 2,548,466, Apr. 10.
Fire escape. T. P. Duncan, Jr. 2,550,235, Apr. 24.
Fire escape. P. G. Plummer. 2,549,707, Apr. 17.
Fire escape device. J. W. Bailey, Sr. 2,569,597, Oct. 2.
Fire escape life reel. A. F., N. A., and G. D. Gaskins. 2,576,755, Nov. 27.
Fire escape mechanism. C. U. Finocchiaro. 2,567,278, Sept. 11.
Fire escape, Portable. J. Barry. 2,558,122, June 26.
Fire escape, Portable. R. B. Mitchell. 2,576,531, Nov. 27.
Fire escape, Portable individual. G. W. Phelan. 2,544,964, Mar. 13.
Fire extinguisher. R. W. Austin. 2,554,726–7, May 29.
Fire extinguisher. S. Boal. 2,560,407, July 10.
Fire extinguisher. J. H. Cone. 2,569,975, Oct. 2.
Fire extinguisher. E. E. Cyphert. 2,544,137, Mar. 6.
Fire extinguisher. L. E. Eckelmann. 2,573,320, Oct. 30.
Fire extinguisher. V. E. Ferguson. 2,557,957, June 26.
Fire extinguisher. G. E. Ferguson and F. A. Dodelin. 2,578,528, Dec. 11.
Fire extinguisher. G. E. Ferguson and F. A. Dodelin. 2,578,529, Dec. 11.
Fire extinguisher. T. A. Henshaw. 2,548,157, Apr. 10.
Fire extinguisher. T. A. Henshaw. 2,571,877, Oct. 16.
Fire extinguisher. J. W. Knoblock. 2,557,120, June 19.
Fire extinguisher. C. R. Morton. 2,560,468, July 10.
Fire extinguisher. C. G. Oksas. 2,540,544, Feb. 6.
Fire extinguisher. G. W. Pfleghar. 2,579,513, Dec. 25.
Fire extinguisher. A. O. Samuels. 2,574,890, Nov. 13.
Fire extinguisher. L. H. Smith. 2,579,100, Dec. 18.
Fire extinguisher. W. M. Wetzel and E. R. Bork. 2,557,162, June 19.
Fire extinguisher and discharge directing means therefor. J. H. Stroop. 2,565,532, Aug. 28.
Fire extinguisher and perforating device. L. L. Nealley. 2,567,344, Sept. 11.
Fire-extinguisher apparatus, Dry powder. M. E. Keefe, Jr., and I. K. Keefe. 2,559,634, July 10.
Fire extinguisher, Dry powder. C. H. Smith. 2,541,554, Feb. 13.
Fire extinguisher, Portable. J. H. Stroop. 2,562,963, Aug. 7.

Fire extinguisher unit. P. E. Frantz. 2,548,358, Apr. 10.
Fire-extinguishing apparatus. M. G. Marshall. 2,547,334, Apr. 3.
Fire-extinguishing attachment for tractors. J. E. Hurlbert. 2,561,701, July 24.
Fire extinguishing foam system with deluge valve control. H. N. Rider. 2,575,468, Nov. 20.
Fire extinguishing installation. H. E. Bedford. 2,553,293, May 15.
Fire extinguishing liquids and process. C. G. Durfee and G. E. Ferguson. 2,569,979, Oct. 2.
Fire extinguishing medium discharge method and apparatus. J. E. Kucher. 2,547.018, Apr. 3.
Fire extinguishing method and apparatus. D. D. Aitken. 2,545,640, Mar. 20.
Fire extinguishing system. D. G. Faust. 2,577,744, Dec. 11.
Fire extinguishing system. C. A. Getz. 2,544,016, Mar. 6.
Fire extinguishing system. A. Manhartsberger. 2,563.852, Aug. 14.
Fire extinguishing system. D. Mapes. 2,537,074, Jan. 9.
Fire extinguishing system. D. Mapes. 2,539,452, Jan. 30.
Fire-extinguishing system, Delayed action. F. B. Allen and N. H. Siebens. 2,537,009, Jan. 9.
Fire-extinguishing system, Foamite. C. H. Trotter and A. W. Sweeney. 2,548,409, Apr. 10.
Fire fighter's tool. V. A. Kalish. 2,562,794, July 31.
Fireplace, Air conditioning. E. M. Harter. 2,542,670, Feb. 20.
Fireplace apparatus, Log. Jesse L. and James L. Love, and H. F. Rose. 2,578,564, Dec. 11.
Fireplace screen. A. R. Murat. 2,579,690, Dec. 25.
Fireplace screen hanger. P. F. Pedersen. 2,549,850, Apr. 24.
Fireplace screen support. J. F. Shannon. 2,562,371, July 31.
Fireplace, Shock resistant. C. J. Roos. 2,570,598, Oct. 9.
Fireplace tool. W. R. Draeger. 2,579,805, Dec. 25.
Fireplace with air-heating tubes therein. J. Borge. 2,549,365, Apr. 17.
Fireplace with movable reflector. R. Baines. 2,559,271, July 3.
Fire preventing means for power plants, particularly on aircraft. A. Mathisen. 2,566,235, Aug. 28.
Fire preventing or extinguishing apparatus for aircraft. A. Mathisen. 2,551,752, May 8.
Fire-prevention equipment, Floating. C. H. Marshall. 2,548,384, Apr. 10.
Fireproof cigarette holder. F. Vertiz. 2,548,689, Apr. 10.
Fireproofed flanged structural member and a precast shoe therefor. J. V. Kohlhaas. 2,556,878, June 12.
Fire-resistant article, making and impregnant therefor. M. J. Sostmann and I. L. Phillips. 2,547,671, Apr. 3.
Fire-resistant door frame. F. J. Bremer. 2,554,399, May 22.
Fire retardant door. B. Katz and J. Schwartzberg. 2,549,205, Apr. 17.
Fire retardant waterproof coating. R. M. Stafford. 2,542.721, Feb. 20.
Fire shutter and dowser for motion-picture projectors. E. C. Manderfeld. 2,545,738, Mar. 20.
Fire warning device. D. J. MacDougall and P. J. Cade. 2,577,973, Dec. 11.
Firing and safety mechanism for recoilless firearms. W. J. Kroeger and C. W. Musser. 2,537,062, Jan. 9.
Firing ceramic articles and apparatus therefor. E. Hardesty. 2,550,147, Apr. 24.
Firing device, Explosive rivet. V. M. Bunts and H. C. Holbert. 2,547,437, Apr. 3.
Firing device, Sear actuated electric. J. R. Bird. 2,555,311, June 5.
Firing mechanism for automatic firearms. W. A. Schaich. 2,557,144, June 19.
Firing mechanism for gun perforating. O. T. Broyles. 2,540,184, Feb. 6.
Firing mechanism for submarine guns. F. W. Sampson and G. J. Hyde. 2,548,622, Apr. 10.
Firing mechanism for use with a gun synchronizer. P. H. Dixon. 2,575,411, Nov. 20.
Firing porcelain. L. Beaudet. 2,547.149, Apr. 3.
First developer for multilayer color film of the reversal type. H. H. Duerr. 2,553,498, May 15.
Fischer-Tropsch catalyst, Preparation of a. W. O. Milligan and J. C. Schiller. 2,567,296, Sept. 11.
Fischer-Tropsch catalyst, Preparation of a. W. O. Milligan and J. C. Schiller. 2,567,297, Sept. 11.
Fischer-Tropsch process for the synthesis of hydrocarbons. A. Clark. 2,564,958, Aug. 21.
Fish bait. E. L. Perry. 2,538,703, Jan. 16.
Fish bait. T. E. Schnabel. 2,569,642, Oct. 2.
Fish bait, Artificial. J. Fisher. 2,563,522, Aug. 7.
Fish bait, Artificial. W. Gabor. 2,572,608, Oct. 23.
Fish bait, Artificial. R. L. Keeler. 2,561,515, July 24.
Fish bait, Artificial. E. B. J. Peterson. 2,550,376, Apr. 24.
Fish bait, Artificial. W. P. Zeigler. 2,545,129, Mar. 13.
Fish bait, Weedless. C. L. Grimm. 2,549,458, Apr. 17.
Fish baiter. W. J. Duhamel. 2,565,956, Aug. 28.
Fish beheading machine. N. L. Oates. 2,546,346, Mar. 27.
Fish-canning machine. J. P. Jakob. 2,536,060, Jan. 2.
Fish catcher. C. W. Knott. 2,560,875, July 17.
Fish creel trap gate. N. G. Odneal. 2,562,636, July 31.
Fish curing apparatus. A. J. Wilson. 2,560,677, July 17.
Fish cutting machine. M. K. Kuther. 2,576,301, Nov. 27.
Fish-filleting machine. C. M. Savrda. 2,550,025, Apr. 24.
Fish gaff and handle, Retractable safety. H. Cederblad. 2,536,535, Jan. 2.
Fish gaff, Folding. J. B. Keegan. 2,570,688, Oct. 9.
Fish grab. V. J. Benson. 2,562,374, July 31.
Fish holder. M. Towey. 2,539,496, Jan. 30.
Fishhook. L. N. Forsyth. 2,539,735, Jan. 30.
Fishhook. E. C. Lane. 2,576,795, Nov. 27.
Fishhook. F. C. and J. E. Leitch. 2,543,293, Feb. 27.
Fishhook. H. E. Matthes. 2,570,468, Oct. 9.
Fishhook. H. T. Moler. 2,540,276, Feb. 6.
Fishhook. C. S. Roy. 2,563,554, Aug. 7.
Fishhook. F. Schwarzer. 2,538,052, Jan. 16.
Fishhook and live bait holder, Combined. C. A. Herrick. 2,573,018, Oct. 30.
Fishhook attachment. M. Dobkowski. 2,539,234, Jan. 23.
Fishhook bait. H. G. Irwin. 2,555,088, May 29.
Fishhook device, Safety. E. E. Spaid. 2,563,880, Aug. 14.
Fishhook disgorger. P. J. Culhane, Jr. 2,537,879, Jan. 9.
Fishhook disgorger. C. A. Lawrence. 2,561,281, July 17.
Fishhook-forming device. W. S. Peterson, Sr. 2,567,396, Sept. 11.
Fishhook holder. P. E. Hart. 2,578,424, Dec. 11.
Fishhook remover. J. P. Boyd. 2,541,331, Feb. 13.
Fishhook remover. A. Danielson. 2,578,289, Dec. 11.
Fishhook setter. S. K. Haynie. 2,559,537, July 3.
Fishhook suspension device. C. F. Holm. 2,569,312, Sept. 25.
Fishhook, Weedless. R. R. McCrumb. 2,576,304, Nov. 27.
Fish-hooking device, Automatic. J. Gunser. 2,568,999, Sept. 25.
Fish landing net, Retractable. T. A. Bedford and H. A. Schmitt. 2,561,645, July 24.
Fishline reel. G. R. Brown. 2,568,986, Sept. 25.
Fish line retarding device and release. R. S. Walton. 2,537,321, Jan. 9.
Fishline sinker. H. Redding. 2,539,162, Jan. 23.
Fishline sinker and hook spreader, Combined. T. Midland. 2,577,143, Dec. 4.
Fish lure. D. C. Addicks. 2,536,408, Jan. 2.
Fish lure. B. F. Bordner. 2,542,622, Feb. 20.
Fish lure. K. E. Cannon. 2,573,399, Oct. 30.
Fish lure. S. J. Carnes. 2,577,402, Dec. 4.
Fish lure. V. Clark. 2,575,248, Nov. 13.
Fish lure. J. A. Collins. 2,570,100, Oct. 2.
Fish lure. P. P. Corsi. 2,575,797, Nov. 20.
Fish lure. G. W. Davis. 2,578,786, Dec. 18.
Fish lure. E. W. Dyer. 2,571,222, Oct. 16.
Fish lure. L. A. Farr. 2,569,465, Oct. 2.
Fish lure. G. F. Fawcett. 2,544,782, Mar. 13.
Fish lure. C. P. Forsberg. 2,578,532, Dec. 11.
Fish lure. W. M. Gambill. 2,570,338, Oct. 9.
Fish lure. O. A. Hansen and L. E. Cook. 2,549,463, Apr. 17.
Fish lure. C. S. Helman and A. R. Blunk. 2,547,264, Apr. 3.
Fish lure. J. W. Kasmeyer. 2,534,459, Jan. 16.
Fish lure. E. Kleppen and I. B. Hansen. 2,543,501, Feb. 27.
Fish lure. N. P. Krilich. 2,565,660, Aug. 28.
Fish lure. L. R. Miller. 2,552,730, May 15.
Fish lure. C. Mintner. 2,559.542, July 3.
Fish lure. W. B. Moulton. 2,574,702, Nov. 13.
Fish lure. C. V. Nacey. 2,554,049, May 22.
Fish lure. J. P. Nardi. 2,546,516, Mar. 27.
Fish lure. L. A. Nielsen. 2,556,702, June 12.
Fish lure. G. G. Norris. 2,559,042, July 3.
Fish lure. E. Novitzky. 2,570,474, Oct. 9.
Fish lure. J. D. Overton. 2,561,750, July 24.
Fish lure. C. V. Redinger. 2,556,634, June 12.
Fish lure. C. S. Renwick, Jr. 2,563,275, Aug. 7.
Fish lure. J. A. Sahutski. 2,567,787, Sept. 11.
Fish lure. J. N. Schenck. 2,563,282, Aug. 7.
Fish lure. G. Shockey. 2,575,430, Nov. 20.
Fish lure. E. C. Simmons. 2,565,099, Aug. 21.
Fish lure. A. Sisco. 2,565,049, Aug. 21.
Fish lure. O. Tallaksen. 2,556,507, June 12.
Fish lure. B. W. Van Kirk. 2,541,847, Feb. 13.
Fish lure. J. Warobiew. 2,545,398, Mar. 13.
Fish lure. C. F. Weigandt. 2,571,980, Oct. 16.
Fish lure. E. A. Westerfors. 2,542,606, Feb. 20.
Fish lure. W. B. Wight, Jr. 2,563,386, Aug. 7.
Fish lure. N. E. Wilson. 2,549,354, Apr. 17.
Fish lure. N. E. Wilson. 2,569,792, Oct. 2.
Fish lure. E. B. and R. F. Wisener. 2,541,397, Feb. 13.
Fish lure. C. Wood. 2,579,991, Dec. 25.
Fish lure. C. T. Yates. 2,538,181, Jan. 16.
Fish lure and hook retriever. M. D. Consolo and G. V. Clanton. 2,553,173, May 15.
Fish lure and making the same, Artificial. E. A. Ebert. 2,563,825, Aug. 14.
Fish lure, Artificial. J. T. Pemberton. 2,559,169, July 3.
Fish lure, Audible. S. J. Carnes. 2,577,229, Dec. 4.
Fish lure, Frog. L. L. Pfahler. 2,544,178, Mar. 6.
Fish lure, Hook concealing and releasing. R. D. Hoffman. 2,568,547, Sept. 18.
Fish lure hook up. W. A. Hansen. 2,572,616, Oct. 23.

Fish lure retrieving device. L. J. Hansen. 2,560,723, July 17.
Fish lure, Swim-action. H. A. Tenn. 2,538,484, Jan. 16.
Fish lure swivel. A. R. Seaton. 2,561,144, July 17.
Fish lure, Variable length. G. A. Cummins. 2,568,488, Sept. 18.
Fish lure with interchangeable bodies of different character. J. A. Neff. 2,546,772, Mar. 27.
Fish lures, Making. C. S. and E. A. Kelly. 2,544,265, Mar. 6.
Fish net, Collapsible. H. J. Hicks and T. I. Steptoe. 2,556,650, June 12.
Fish net hanger. J. D. Geistweit. 2,578,237, Dec. 11.
Fish net support. H. Terwilliger. 2,564,513, Aug. 14.
Fish pew and counter, Combined. M. Niemi. 2,567,393, Sept. 11.
Fish plug. G. H. Patterson. 2,547,279, Apr. 3.
Fish plug. E. E. White. 2,547,103, Apr. 3.
Fish pole carrier. I. A. Woerner. 2,552,879, May 15.
Fish pole holder. W. D. Bahr. 2,541,146, Feb. 13.
Fish pole light attachment. L. P. and H. J. Kuczynski. 2,574,333, Nov. 6.
Fish positioning machine. P. Danielsson. 2,576,215, Nov. 27.
Fish reel. C. G. Lindgren. 2,574,216, Nov. 6.
Fish rod carrier. W. P. Waite. 2,554,650, May 29.
Fish scaler and shield, Combined. J. J. Pilliod. 2,537,546, Jan. 9.
Fish segregator for feed tables. N. L. Oates. 2,562,364, July 31.
Fish skinner, Hand. R. T. Townsend. 2,547,237, Apr. 3.
Fish spear, Spring-projected. E. T. Hanshaw. 2,537,754, Jan. 9.
Fish splitting machine. A. L. Christiansen. 2,572,316, Oct. 23.
Fish stringer. E. Bishop. 2,536,531, Jan. 2.
Fish stringer. B. B. Bourque. 2,550,217, Apr. 24.
Fish stringer. G. A. Damon. 2,563,160, Aug. 7.
Fish stringer. E. T. May. 2,547,335, Apr. 3.
Fish stringer. J. W. Montgomery, Sr. 2,563,480, Aug. 7.
Fish stringer. N. O. W. Mulsow. 2,572,653, Oct. 23.
Fish stringer apparatus. M. R. Loree. 2,567,775, Sept. 11.
Fish stringer holder. G. L. Boehm and W. B. Rowley. 2,564,389, Aug. 14.
Fish stringing device. J. F. Scheidt. 2,574,846, Nov. 13.
Fisherman's bait box. J. M. Cromley. 2,548,201, Apr. 10.
Fisherman's rod winder. H. L. Helwick. 2,579,074, Dec. 18.
Fishing appliance. L. F. Crook. 2,540,713, Feb. 6.
Fishing appliance. W. R. Teel. 2,560,905, July 17.
Fishing apparatus. H. W. Lind, Jr. 2,548,224, Apr. 10.
Fishing apparatus. A. A. Zdankoski. 2,555,073, May 29.
Fishing bait. W. F. Sparkman. 2,559,475, July 3.
Fishing bait. M. C. Williams. 2,560,835, July 17.
Fishing bait, Self-animated artificial. R. A. McPherson. 2,543,464, Feb. 27.
Fishing bob. W. C. Miller. 2,569,822, Oct. 2.
Fishing bobber. E. Sokolik. 2,578,852, Dec. 18.
Fishing cork. R. D. Parry. 2,537,235, Jan. 9.
Fishing creel cooled by evaporation of water. R. P. Gutshall. 2,555,128, May 29.
Fishing device. C. W. Glenn. 2,564,840, Aug. 21.
Fishing device. D. W. Inglis. 2,557,030, June 12.
Fishing device. R. T. Martin. 2,555,802, June 5.
Fishing device. A. A. Schultz, Jr. 2,554,927, May 29.
Fishing device. A. C. Shafer. 2,561,237, July 17.
Fishing device. C. L. Vadnais. 2,570,293, Oct. 9.
Fishing device, Automatic. V. L. Jackson, W. H. Pfrehm, and S. R. Danekas. 2,578,887, Dec. 18.
Fishing device, Automatic. S. Ramirez. 2,573,357, Oct. 30.
Fishing device, Automatic. A. W. Silva. 2,536,576, Jan. 2.
Fishing device, Triggered. A. B. Camp and R. E. Cross. 2,552,516, May 15.
Fishing float. F. R. Curtiss. 2,564,426, Aug. 14.
Fishing float. O. K. Hearne. 2,566,612, Sept. 4.
Fishing float. R. D. Parry. 2,576,237, Nov. 27.
Fishing float. R. L. Rhotehamel. 2,560,129, July 10.
Fishing float. W. Seigle. 2,544,968, Mar. 13.
Fishing float. W. A. West. 2,572,790, Oct. 23.
Fishing float. B. Zaikoski. 2,578,874, Dec. 18.
Fishing float, Automatic self-reeling. H. E. Reppert and H. W. Rosenberg. 2,545,385, Mar. 13.
Fishing float, Illuminated. H. B. McGlade. 2,559,084, July 3.
Fishing float, Luminous. J. H. Dean. 2,547,308, Apr. 3.
Fishing gaff. B. V. Fincher and C. H. Hulett. 2,570,538, Oct. 9.
Fishing gear. H. C. Jensen. 2,576,880, Nov. 27.
Fishing hook and line carrier. W. R. Hammock. 2,541,920, Feb. 13.
Fishing leader. J. L. MacAllister. 2,559,080, July 3.
Fishing line. O. Saether. 2,536,312, Jan. 2.
Fishing line and bobber, Combination. E. L. Aldinger, Jr. 2,571,808, Oct. 16.
Fishing line drier. W. S. Funk. 2,546,222, Mar. 27.
Fishing line drier. E. A. Leiding, W. J. Nelson, and S. Rutka. 2,550,275, Apr. 24.
Fishing line drying device. T. J. English. 2,550,791, May 1.
Fishing line float. J. Dolejs, Sr. 2,548,355, Apr. 10.
Fishing line guide. A. Ritter. 2,544,238, Mar. 6.
Fishing line jerk attachment. G. A. Lytle, 2,567,340, Sept. 11.
Fishing line reel. J. T. Kagel, Sr. 2,550,271, Apr. 24.
Fishing line sinker. E. B. Anderson. 2,557,776, June 19.
Fishing line sinker, Sled-type. H. H. Hufford. 2,543,576, Feb. 27.
Fishing line trip sinker. F. W. Nelson. 2,573,981, Nov. 6.
Fishing lure. L. D. Adam and N. G. Poplin. 2,542,447, Feb. 20.
Fishing lure. R. W. Bailey. 2,558,121, June 26.
Fishing lure. E. J. Bohart. 2,561,647, July 24.
Fishing lure. W. W. Culver. 2,565,205, Aug. 21.
Fishing lure. H. P. Deitz. 2,556,683, June 12.
Fishing lure. W. L. Dunmire. 2,557,599, June 19.
Fishing lure. D. G. Fisher. 2,578,411, Dec. 11.
Fishing lure. D. H. Garth. 2,549,077, Apr. 17.
Fishing lure. J. Hinerman. 2,569,057, Sept. 25.
Fishing lure. M. J. Isaac. 2,575,626, Nov. 20.
Fishing lure. V. L. King. 2,580,104, Dec. 25.
Fishing lure. H. E. Kreps. 2,544,796, Mar. 13.
Fishing lure. A. Lizum. 2,550,704, May 1.
Fishing lure. J. W. Morris. 2,560,733, July 17.
Fishing lure. J. H. Murphy. 2,573,215, Oct. 30.
Fishing lure. C. C. Perry. 2,542,429, Feb. 20.
Fishing lure. T. G. Prentice. 2,546,614, Mar. 27.
Fishing lure. M. M. Rodin. 2,541,782, Feb. 13.
Fishing lure. S. L. and P. A. Secrest. 2,545,797, Mar. 20.
Fishing lure. F. B. Setterblade. 2,552,224, May 8.
Fishing lure. A. Soma. 2,557,577, June 19.
Fishing lure. O. Tallaksen. 2,569,119, Sept. 25.
Fishing lure. C. B. Toner, Jr. 2,558,397, June 26.
Fishing lure. R. H. Young and I. R. Ferguson. 2,547,240, Apr. 3.
Fishing lure and bottle opener, Combination. R. P. Schiffmann. 2,553,149, May 15.
Fishing lure, Artificial. H. M. Rivero. 2,567,728, Sept. 11.
Fishing lure, Intermittently illuminated. F. M. Flournoy. 2,550,988, May 1.
Fishing lure, Metal squid. G. E. Bunkowski. 2,567,180, Sept. 11.
Fishing lure, Mother-of-pearl. M. W. Stirlen. 2,570,404, Oct. 9.
Fishing lure, Weedless. T. G. Prentice. 2,552,113, May 8.
Fishing net, Collapsible. H. F. Baloun. 2,536,251, Jan. 2.
Fishing net, Extensible. R. E. Deeble. 2,567,059, Sept. 4.
Fishing plug or lure. W. T. Holt. 2,558,436, June 26.
Fishing pole. G. L. Hamre. 2,541,759, Feb. 13.
Fishing pole accessory. E. Sokolik. 2,556,403, June 12.
Fishing pole construction. D. M. Dean. 2,575,049, Nov. 13.
Fishing pole ferrule, Jointed. J. D., L. L., and J. H. Crowson. 2,574,249, Nov. 6.
Fishing pole holder. B. Hoover. 2,539,080, Jan. 23.
Fishing pole holder. L. M. Thayer. 2,548,328, Apr. 10.
Fishing pole holder. R. M. Williams. 2,573,635, Oct. 30.
Fishing pole, Lightweight sectional. A. L. Murray. 2,536,388, Jan. 2.
Fishing pole rest. J. R. Lawson. 2,572,937, Oct. 30.
Fishing pole support. M. C. Drumb. 2,557,728, June 19.
Fishing pole with automatic lure-casting attachments. H. C. Elliott. 2,548,102, Apr. 10.
Fishing reel. C. L. Abele. 2,541,183, Feb. 13.
Fishing reel. R. R. Allen. 2,537,613, Jan. 9.
Fishing reel. L. M. Allison. 2,551,309, May 1.
Fishing reel. R. N. Baugh and R. F. Wycinowski. 2,575,156, Nov. 13.
Fishing reel. B. E. Berlinger. 2,573,240, Oct. 30.
Fishing reel. A. W. Clarke. 2,572,319, Oct. 23.
Fishing reel. J. D. Furbush. 2,576,587, Nov. 27.
Fishing reel. J. M. Goldberg. 2,571,440, Oct. 16.
Fishing reel. R. D. Hull and W. R. Crawford. 2,554,411, May 22.
Fishing reel. E. P. Hurd. 2,536,288, Jan. 2.
Fishing reel. E. P. Hurd. 2,553,414, May 15.
Fishing reel. E. P. Hurd. 2,578,477, Dec. 11.
Fishing reel. L. L. Jaskey. 2,564,603, Aug. 14.
Fishing reel. H. C. Kaufman. 2,537,590, Jan. 9.
Fishing reel. F. A. King. 2,540,338, Feb. 6.
Fishing reel. F. C. King. 2,572,354, Oct. 23.
Fishing reel. A. B. Lauterbach. 2,547,330, Apr. 3.
Fishing reel. J. MacBlane. 2,548,317, Apr. 10.
Fishing reel. H. I. Mandolf and J. B. Morrow. 2,553,200, May 15.
Fishing reel. E. C. Mayhew. 2,569,322, Sept. 25.
Fishing reel. L. A. McDonald. 2,568,245, Sept. 18.
Fishing reel. C. D. McLeod. 2,557,230, June 19.
Fishing reel. M. Nix. 2,546,559, Mar. 27.
Fishing reel. B. H. Parks. 2,553,784, May 22.
Fishing reel. C. E. Plouff. 2,547,282, Apr. 3.
Fishing reel. R. B. Ransom. 2,550,861, May 1.
Fishing reel. J. R. Reyburn. 2,551,567, May 1.
Fishing reel. R. C. Swigerd. 2,574,718, Nov. 13.
Fishing reel. J. K. Tank. 2,536,583, Jan. 2.
Fishing reel. G. A. Thompson. 2,551,473, May 1.
Fishing reel. E. J. von Pein. 2,573,074, Oct. 30.
Fishing reel. R. D. West. 2,548,247, Apr. 10.
Fishing reel. W. Willman. 2,579,353, Dec. 18.
Fishing reel. J. R., H., and E. E. Young. 2,558,896, July 3.
Fishing reel control device and brake. K. D. Legg. 2,544,962, Mar. 13.

Fishing reel holder. H. S. Rowdon. 2,580,130, Dec. 25.
Fishing reel of the tiltable spool type. W. D. Stalder 2,549,029, Apr. 17.
Fishing rod. A. Beaupre. 2,578,663, Dec. 18.
Fishing rod. L. A. Derby. 2,549,295, Apr. 17.
Fishing rod. H. Dubois. 2,571,692, Oct. 16.
Fishing rod. C. C. Fox and D. E. Willits. 2,538,306, Jan. 16.
Fishing rod. H. M. Gephart. 2,577,575, Dec. 4.
Fishing rod. J. F. Pullan. 2,541,609, Feb. 13.
Fishing rod and container, Combination. N. Wissman. 2,566,647, Sept. 4.
Fishing rod and reel. L. W. Lockwood. 2,541,876, Feb. 13.
Fishing rod guide. H. Marke. 2,573,647, Oct. 30.
Fishing rod guide. A. M. Sucksdorf. 2,547,507, Apr. 3.
Fishing rod handle. J. S. McGuire. 2,554,787, May 29.
Fishing rod holder. O. Brooks. 2,561,046, July 17.
Fishing rod holder. D. B. Carter. 2,576,212, Nov. 27.
Fishing rod holder. C. T. Coombs. 2,548,351, Apr. 10.
Fishing rod holder. R. Dusatko. 2,543,569, Feb. 27.
Fishing rod holder. E. E. Jackson and J. F. Hille. 2,564,625, Aug. 14.
Fishing rod holder. C. A. King. 2,542,253, Feb. 20.
Fishing rod holder. P. W. Stein. 2,546,280, Mar. 27.
Fishing rod stand. F. J. Mart. 2,555,982, June 5.
Fishing rod support. C. E. Goss. 2,537,456, Jan. 9.
Fishing rod winding mechanism. J. S. Maddic. 2,564,016, Aug. 14.
Fishing rod with integral resilient means. D. E. Briney. 2,559,934, July 10.
Fishing rod with resilient pivotal butt end. D. E. Briney. 2,559,933, July 10.
Fishing rods and the like, Producing. F. Bänninger. 2,548,336, Apr. 10.
Fishing signal. J. Massino. 2,538,788, Jan. 23.
Fishing signal. J. Massino. 2,567,777, Sept. 11.
Fishing sinker. O. E. Vice. 2,577,549, Dec. 4.
Fishing spear, Oil well. D. A. Siracusa. 2,539,039, Jan. 23.
Fishing spinner. J. O. Sabin and G. E. Ericson. 2,574,293, Nov. 6.
Fishing spoon. N. Erickson. 2,539,691, Jan. 30.
Fishing tackle. L. F. Embree and L. D. Niswander. 2,562,605, July 31.
Fishing tackle. W. E. Kautenberg. 2,562,383, July 31.
Fishing tackle box. P. Parr. 2,551,283, May 1.
Fishing tackle container. G. Gibson. 2,573,431, Oct. 30.
Fishing tackle holder. W. J. Edmunds. 2,578,181, Dec. 11.
Fishing tool. W. B. Costin. 2,550,228, Apr. 24.
Fishing tool. D. A. Siracusa. 2,553,985, May 22.
Fishing tool. C. P. Young. 2,542,445, Feb. 20.
Fitted traveling case. E. N. Graham. 2,573,763, Nov. 6.
Fitting, Air tank. G. W. Wright and C. Harrison. 2,557,491, June 19.
Fitting, Flow control. L. S. Hamer. 2,558,247, June 26.
Fitting for flexible containers. M. M. Cunningham. 2,559,064, July 3.
Fitting tumbler pins. R. C. Cerf, Jr. 2,570,765, Oct. 9.
5-alkyl-3-pyridols and making them. H. C. Chitwood. 2,557,076, June 19.
5-alpha-cyclopropylethyl substituted barbituric acids and preparing same. J. W. Opie, J. Seifter, W. F. Bruce, and G. Mueller. 2,538,322, Jan. 16.
5-aminoisophthaloylacetonitrile. L. M. Schenck. 2,563,375, Aug. 7.
5-halo-2-vinylthiophenes. W. S. Emerson and T. M. Patrick, Jr. 2,556,419, June 12.
5-methoxyquinoxaline-1,4-di-N-oxide. J. K. Landquist. 2,545,786, Mar. 20.
5-(2-tetrahydrofuryl)hydantoin and production therefrom of 5-(4-hydroxybutyl)hydantoin. E. C. Britton, Y. J. Dickert, and H. C. White. 2,557,904, June 19.
Fixation of hip fractures. J. S. Lundholm. 2,570,465, Oct. 9.
Fixative for preparing histologic tissues. A. Ferrari, Jr. 2,554,944, May 29.
Fixed and adjustable multiple device, Combination. M. H. Emrick. 2,551,658, May 8.
Fixing of handles and other fittings to pottery articles. H. Strasser. 2,537,922, Jan. 9.
Fixing particles to sheet material. B. S. Cross and G. P. Netherly. 2,548,872, Apr. 17.
Fixture. R. S. Sanford. 2,561,821, July 24.
Fixture for automatic chucking machines, Milling. J. J. Swartz and W. E. Seaman. 2,555,617, June 5.
Fixture for piercer plugs, Grinding. J. Borzi. 2,551,721, May 8.
Fixture for relief grinding of cutting tools. E. E. Parker. 2,538,651, Jan. 16.
Fixture for tubular electric lamps. H. D. Fine and C. E. Barker. 2,567,014, Sept. 4.
Fixture for typewriter desks, Metal. M. Fox. 2,557,735, June 19.
Fixture for use in assembling structural parts upon a rotor blade spar. J. T. Parsons and E. R. Brogren. 2,549,002, Apr. 17.
Fixture for use with elongated tubular lamps, Lighting. J. S. Walsh. 2,545,058, Mar. 13.
Fixture hanger. A. I. Appleton. 2,545,564, Mar. 20.
Fixture hanger. F. H. Blumenthal. 2,574,205, Nov. 6.
Fixture having a reflector with a compound curvature, Lighting. E. B. Kirk. 2,557,787, June 19.
Fixture having means to direct the light rays close to the fixture supporting wall, Recessed fluorescent lighting. A. Potter. 2,564,373, Aug. 14.
Fixture having swingable members carrying the lamps, Fluorescent. L. Margolis. 2,544,708, Mar. 13.
Fixture means for curtain and drapery hangers. A. P. Veschio. 2,562,836, July 31.
Fixture support. R. G. Bernstein. 2,559,241, July 3.
Flag type electric terminal. M. D. Bergan. 2,555,075, May 29.
Flaking machine and method. H. A. Beam. 2,555,309, June 5.
Flame: *See*—
Air jacketed combustion chamber flame.
Flame chopping and cultivation of growing crops, Method and apparatus for. D. M. L. Forbes. 2,542,498, Feb. 20.
Flame control device. M. A. Schultz and G. W. Nagel. 2,539,208, Jan. 23.
Flame cutting apparatus. C. F. E. Ward. 2,554,513, May 29.
Flame detecting apparatus. L. J. Dahline. 2,564,596, Aug. 14.
Flame detection apparatus. L. J. Dahline. 2,564,597, Aug. 14.
Flame detection apparatus. R. S. Feigal. 2,556,961, June 12.
Flame detector for combustion devices, Thermopile. C. M. Gardiner and A. Loft. 2,538,642, Jan. 16.
Flame detector system. J. T. Hick. 2,550,351, Apr. 24.
Flame director for use with an open end pot type oil burner. J. L. Breese. 2,538,745, Jan. 23.
Flame divergence controlling means for fuel oil burners. E. T. W. Bailey. 2,578,121, Dec. 11.
Flame failure control system. E. C. Thomson. 2,579,883, Dec. 25.
Flame failure safeguard. E. C. Thomson and P. Giuffrida. 2,579,884, Dec. 25.
Flame igniter for jet propulsion units. F. A. Parker, Jr. 2,574,495, Nov. 13.
Flame polishing the gray cut surface of ornamental designs in glass. W. A. Meier. 2,566,350, Sept. 4.
Flame resistant and mildew resistant composition for cellulose fibers and fabrics. R. D. Vartanian. 2,536,988, Jan. 2.
Flame resistant fabric. L. Balassa and N. C. Spencer. 2,550,134, Apr. 24.
Flame retardant cellular plastic material. E. Simon and F. W. Thomas. 2,577,281, Dec. 4.
Flame retention head for gas burners. E. A. Norman, Jr. 2,537,542, Jan. 9.
Flame shield assembly for carbon black apparatus. D. Glaxner. 2,571,127, Oct. 16.
Flange clamp support. G. E. Moore. 2,536,386, Jan. 2.
Flange system, automatic. J. J. Goett. 2,536,602, Jan. 2.
Flanged article. G. H. Phelps and G. Frischmann. 2,564,372, Aug. 14.
Flanged nut assembly. P. D. Becker. 2,567,864, Sept. 11.
Flanged tube coupling. I. Cowles. 2,536,354, Jan. 2.
Flap-chair, Revolving. J. Teders, Jr. 2,565,408, Aug. 21.
Flap gumming and folding mechanism for envelope machines. V. E. Heywood. 2,568,629, Sept. 18.
Flap, High lift. J. K. Northrop. 2,568,021, Sept. 18.
Flap mechanism. B. T. Anderson and W. A. Welch. 2,579,534, Dec. 25.
Flare. G. W. Haigh. 2,548,722, Apr. 10.
Flareless tube and pipe coupling. H. R. Harding. 2,540,368, Feb. 6.
Flaring tool. K. W. Wilks, Jr., and G. W. Wolcott. 2,563,088, Aug. 7.
Flash-back indicator. R. F. Walz. 2,558,637, June 26.
Flash calcining furnace. H. V. Pedersen. 2,545,410, Mar. 13.
Flash gun, Photographic. T. Lang. 2,544,388, Mar. 6.
Flash lamp igniter and shutter synchronizer. L. G. Tatro. 2,542,164, Feb. 20.
Flashlight. B. Muir. 2,561,532, July 24.
Flashlight. D. G. Schaefer. 2,538,332, Jan. 16.
Flashlight. B. N. Wickwire. 2,544,059, Mar. 6.
Flashlight and circuit tester, Combination. J. J. Duncan. 2,550,234, Apr. 24.
Flashlight and signaling device, Combination. G. O. Krauss. 2,549,103, Apr. 17.
Flashlight attachment, Film viewer. C. S. Lynch. 2,553,100, May 15.
Flashlight, Extensible. M. A. Nelson. 2,550,423, Apr. 24.
Flashlight for handbags. J. J. Grasak. 2,538,151, Jan. 16.
Flashlight, fuse, and circuit tester. J. J. Duncan. 2,550,233, Apr. 24.
Flashlight having an angularly adjustable lamp carrier and hood. A. von Haase. 2,564,412, Aug. 14.
Flashlight having flexible switch-operating container, Plural socket. R. L. Falge. 2,553,307, May 15.
Flashlight holder. R. Micek. 2,563,410, Aug. 7.
Flashlight lamp. J. A. de Vriend and G. D. Rieck. 2,554,094, May 22.
Flashlight lamp. J. H. M. van Uden and G. D. Rieck. 2,571,799, Oct. 16.
Flashlight oil tester. J. W. Sherrill and L. G. Alexander. 2,561,074, July 17.

Flashlight, Pen-shaped pocket. J. Nathan and R. W. Adler. 2,570,838, Oct. 9.
Flashlight switch. T. T. MacLean. 2,540,683, Feb. 6.
Flashlight switch. J. G. Schneider. 2,564,612, Aug. 14.
Flashlight, Twin beam. A. F. Yandt. 2,566,280, Aug. 28.
Flashlight with adjustable head. L. H. Riddell. 2,539,974, Jan. 30.
Flashlight with testing attachment. B. F. Borsody. 2,540,471, Feb. 6.
Flashlight with trigger actuated switch, Pistol type. R. J. Avery. 2,536,484, Jan. 2.
Flash-photography apparatus. H. E. Grier. 2,576,934, Dec. 4.
Flash synchronizer for photographic shutters. L. O. Thunberg. 2,541,895, Feb. 13.
Flashless powder sheet. A. M. Ball. 2,577,298, Dec. 4.
Flask. J. R. Perez Lias. 2,545,302, Mar. 13.
Flask and molding, Molding. K. T. Rinderle. 2,538,656, Jan. 16.
Flask charging machine for foundries. A. Beech. 2,555,914, June 5.
Flask, Dental. J. T. Hughes, Jr. 2,555,234, May 29.
Flask, Dental. N. Opotow. 2,557,558, June 19.
Flask, Dental. L. Scharfe. 2,554,960, May 29.
Flask, Dental. L. Scharfe. 2,574,593, Nov. 13.
Flask, Dental. T. A. Webber. 2,559,486, July 3.
Flask for extensive acrylic bridgework, Hinged molding. S. Harris. 2,539,740, Jan. 30.
Flask support and connecting member. W. F. Butler. 2,572,314. Oct. 23.
Flatiron, Electric. A. C. Purpura. 2,569,259, Sept. 25.
Flatiron, Electrically heated. W. J. Russell. 2,552,818, May 15.
Flatiron stand. A. R. Englander. 2,568,955, Sept. 25.
Flat opening case. H. R. and C. F. Schell. 2,554,215, May 22.
Flat pocket hand lamp. E. L. Schofield. 2,579,762, Dec. 25.
Flatting agent and the production thereof. K. A. Earhart. 2,541,977, Feb. 20.
Flatting agents. W. A. Weidlich and J. E. Davis. 2,568,599, Sept. 18.
Flavoring compositions and making same. H. H. Bogin and R. D. Feick. 2,555,464–5, June 5.
Flavoring foodstuffs. H. K. Stokla and J. van Dalfsen. 2,556,233, June 12.
Flaw detection apparatus. W. C. Barnes. 2,555,308, June 5.
Flexible alignment drive. J. P. Kolb. 2,555,414, June 5.
Flexible and piloted shaft coupling. N. F. Andrews. 2,540,315. Feb. 6.
Flexible antenna mounting. J. P. Coon. 2,546,026, Mar. 20.
Flexible cable. S. Pile. 2,551,546, May 1.
Flexible conduits, Method of and apparatus for the manufacture of. J. G. McKinley. 2,570,259, Oct. 9.
Flexible connection. M. G. Bales. 2,550,517, Apr. 24.
Flexible connection. G. W. Hatcher, Sr. 2,540,203, Feb. 6.
Flexible coupling. C. S. Davis. 2,555,921, June 5.
Flexible coupling. E. G. Johnson. 2,565,770, Aug. 28.
Flexible coupling. H. C. Monroe. 2,565,776, Aug. 28.
Flexible coupling. P. W. Nordt, Jr. 2,556,293, June 12.
Flexible coupling. L. Wallerstein, Jr. 2,550,101, Apr. 24.
Flexible coupling. E. J. Wellauer. 2,540,703, Feb. 6.
Flexible coupling. E. J. Wellauer. 2,555,909. June 5.
Flexible cutoff for planter seed plates. W. P. Oehler. 2,576,693, Nov. 27.
Flexible diaphragm pump. H. A. Gehres and C. M. Bovard. 2,546,302, Mar. 27.
Flexible drive. R. G. Anderson. 2,551,230, May 1.
Flexible drive. J. O. P. Hughes. 2,554,739, May 29.
Flexible drive coupling. J. F. Hoffer. 2,561,117, July 17.
Flexible driving unit for connecting driving members with driven members. G. B. Stillwagon, Jr. 2,556,380, June 12.
Flexible fuel tanks, Making. R. E. Bailey. 2,558,807, July 3.
Flexible hose coupling. W. A. Melsom. 2,572,645, Oct. 23.
Flexible hose coupling. J. H. Millar. 2,550,583, Apr. 24.
Flexible laminated trim panel. F. Lyijynen. 2,578,709, Dec. 18.
Flexible laterally restrained center pin. F. L. Alben. 2,558,069, June 26.
Flexible link chain. W. H. Bendall. 2,551,578, May 8.
Flexible loop jar cap wrench. R. R. Freer. 2,547,748, Apr. 3.
Flexible magnetic power take-off. W. L. Morrison, Jr. 2,579,154, Dec. 18.
Flexible member. N. E. Lee. 2,558,763, July 3.
Flexible mica compositions. E. L. Schulman and G. S. Reeder. 2,575,733, Nov. 20.
Flexible mobile receptacle. B. F. Griffith. 2,571,442, Oct. 16.
Flexible motor fluid operated clutch. O. R. and R. A. Peterson. 2,578,487. Dec. 11.
Flexible oil acid modified alkyl resin wrinkle coating composition and making. W. A. Waldie. 2,556,606, June 12.
Flexible organo-polysiloxanes by contacting a liquid polysiloxane with a boron hydride, Preparation of. M. M. Safford. 2,558,560, June 26.
Flexible pipe joint. C. F. Warren. 2,564,938, Aug. 21.
Flexible rolling closure for cabinets. W. J. Dobkin. 2,564,197, Aug. 14.
Flexible rotary agitator for hoppers with variable eccentric mountings and spaced weights. E. F. Wolf and H. L. von Hohenleiten. 2,561,258, July 17.
Flexible rotary-hammer unit. W. F. Sheeley. 2,573,227, Oct. 30.
Flexible sealing strip. E. P. Harris. 2,579,072, Dec. 18.
Flexible shaft. F. B. Fitch. 2,570,335, Oct. 9.
Flexible shaft coupling. H. L. Hartzell. 2,560,644, July 17.
Flexible shaft switch-actuating means for kitchen mixer motors. H. F. Schmidt. 2,578,901, Dec. 18.
Flexible slip coupling. H. H. Vanderzee. 2,561,830, July 24.
Flexible, smooth surface coverings. L. B. Palmer and R. W. Charlton. 2,551,282, May 1.
Flexible toolholder. F. G. Burg. 2,574,016, Nov. 6.
Flexible track element and structure. R. L. Seidman. 2,574,067, Nov. 6.
Flexible tubing, Method and machine for making. G. L. Myers, J. E. Schriner, and J. C. Shutt. 2,539,853, Jan. 30.
Flexible valve. A. M. Andrews. 2,568,976, Sept. 25.
Flexible valve. S. Khalil. 2,574,266, Nov. 6.
Flexible wave-guide. H. C. Early. 2,571,021, Oct. 9.
Flexible wave guide. W. H. Hewitt, Jr. 2,576,835, Nov. 27.
Flexible winding rod. E. J. Yven and C. W. Barton. 2,565,673, Aug. 28.
Flexibly mounted and connected vertical gas heating furnace. W. Huber. 2,549,093, Apr. 17.
Flexing disk fruit stemming mechanism and conveyer therefor. W. W. Kelly. 2,540,740. Feb. 6.
Flier construction. M. J. McHale. 2,577,346–7, Dec. 4.
Flier for textile machines. W. Hartley. 2,549,599, Apr. 17.
Flight attachment. E. C. C. Miller. 2,559,026, July 3.
Flight attachment for chain conveyers. V. E. Keeney. 2,571,724, Oct. 16.
Flight control and approach, Automatic, and landing system for aircraft. E. F. Saxman, Jr. 2,553,983, May 22.
Flight control apparatus. D. L. Markusen. 2,558,096, June 26.
Flight control device for model airplanes, Constant tension. O. L. St. Clair. 2,559,049, July 3.
Flight control for model airplanes. J. R. Hamilton. 2,543,965, Mar. 6.
Flight control system. R. J. Kutzler. 2,561,873, July 24.
Flight conveyer. C. F. Ball. 2,575,610, Nov. 20.
Flight equipment, Controlled. T. W. Kenyon. 2,569,676, Oct. 2.
Flight hour indicator. G. M. Freeman. 2,567,512, Sept. 11.
Flight information device. C. M. Kramer. 2,576,608, Nov. 27.
Flight progress board. R. W. Hewes. 2,559,429, July 3.
Flight simulation system. D. H. Ewing. 2,536,495 Jan. 2.
Float. E. T. Sliwinski. 2,549,859, Apr. 24.
Float. P. A. Tolle. 2,579,713, Dec. 25.
Float controlled humidifier valve. E. W. Bottum. 2,572,692, Oct. 23.
Float, Fishing. J. J. Morrissey. 2,556,932, June 12.
Float for aircraft, Two stage retractable. E. J. Nicholl. 2,563,263, Aug. 7.
Float gate. C. M. Black. 2,546,963, Apr. 3.
Float gauge. J. F. Wilhelm. 2,580,057, Dec. 25.
Float-in or check valve. J. Antolch. 2,572,299, Oct. 23.
Float, Releasable. H. R. Dickinson. 2,569,977, Oct. 2.
Float rod assembly. J. W. Offutt. 2,573,869, Nov. 6.
Float thread cutter. F. D. Rickert and A. L. Krum. 2,541,545, Feb. 13.
Float valve. W. L. Tucker. 2,550,313, Apr. 24.
Float valve. R. A. Whitlock, Jr. 2,558,471, June 26.
Float with bumper, Tank. C. A. de Giers. 2,558,344, June 26.
Floating bolt latch. W. A. Endter. 2,569,043, Sept. 25.
Floating device, Liquid. N. L. Orme, Jr. 2,550,589, Apr. 24.
Floating fastener receptacle. W. Dzus. 2,547,155, Apr. 3.
Floating press head. T. A. Saari. 2,572,953, Oct. 30.
Floating roof, Center-weighted. F. D. Prager and R. C. Ulm. Re. 23,417, Oct. 16.
Floating roof storage tank. A. S. Feild. 2,563,016–17, Aug. 7.
Floating roof tank. J. W. Allen. 2,536,019, Jan. 2.
Floating toolholder. W. H. Eichelman. 2,547,522. Apr. 3.
Floating vehicle seat. E. F. Petermeier. 2,567,346, Sept. 11.
Flotation apparatus. W. A. Wasley and J. C. MacIntosh. 2,573,520–1, Oct. 30.
Flotation of cobaltite. S. P. Moyer. 2,573,865, Nov. 6.
Flotation of hematite. W. G. Alsop. 2,563,447, Aug. 7.
Flotation of ilmenite ores. S. P. Moyer. 2,557,455, June 19.
Flotation of phosphate and similar ores. I. M. Le Baron and P. D. V. Manning. 2,564,367, Aug. 14.
Flotation of slimes from sylvinite ore with hydroxyethyl cellulose. R. I. Jackson. 2,569,672, Oct. 2.
Flotation process for whitening clay. T. G. Leek. 2,569,680, Oct. 2.

Flotation recovery of molybdenite. N. Arbiter and O. E. Young. 2,559,104, July 3.
Flotation washer. R. Cover. 2,559,403, July 3.
Flood control system. E. F. Howe. 2,569,102, Sept. 25.
Floodlight assembly, Camera supporting. J. P. Werzyn. 2,560,200, July 10.
Floodlight, Body supported. F. L. Caggiano. 2,555,871, June 5.
Floodlight, Dirigible. L. B. Hill. 2,574,211, Nov. 6.
Floodlight having divergent angular hood faces with hood lamp apertures and lamp sockets in coaxial alignment. H. E. Rutledge. 2,562,063, July 24.
Floodlight having hood lamp apertures and lamp sockets in coaxial alignment. H. E. Rutledge. 2,562,064, July 24.
Floodlight, Rotary. E. B. Pechstein. 2,553,061, May 15.
Floor and roof constructions, Making. E. Walter. 2,550,627, Apr. 24.
Floor board tightener. R. E. Blomstrom. 2,546,294, Mar. 27.
Floor construction. W. F. Ogden. 2,559,198, July 3.
Floor construction, Portable. P. W. Harris. 2,570,234, Oct. 9.
Floor construction, Trailer. H. G. Nixon. 2,541,274, Feb. 13.
Floor covering, Making a flexible wood. A. Elmendorf. 2,569,709, Oct. 2.
Floor covering, Pile fabric. R. J. Jackson. 2,576,791, Nov. 27.
Floor drain. E. W. N. Boosey. 2,550,400–02. Apr. 24.
Floor drain and primer. R. Stauch, Sr. 2,568,521, Sept. 18.
Floor furnace. G. R. Neumann and E. J. Effinger. 2,541,602, Feb. 13.
Floor lamp. J. W. Jarrett and V. Materese. 2,553,094, May 15.
Floor leveling device, Adjustable. C. H. Speck, H. L. Carr, and R. A. Yoder. 2,570,282, Oct. 9.
Floor maintenance machine. W. E. Holt. 2,561,279, July 17.
Floor processing machine. W. S. Finnell. 2,541,812, Feb. 13.
Floor rack. A. F. O'Connor. 2,546,651, Mar. 27.
Floor rack. A. F. O'Connor. 2,555,991, June 5.
Floor rack. A. F. O'Connor. 2,574,410, Nov. 6.
Floor, Rotatable. H. Skreberg. 2,540,013, Jan. 30.
Floor sanding edger. W. P. Hilger. 2,565,658, Aug. 28.
Floor tile. G. P. Rice. 2,556,662, June 12.
Flooring, decks, and racks, Sectional. O. F. Arthur. 2,565,292, Aug. 21.
Floral display stand. K. F. Wagler. 2,573,372, Oct. 30.
Floral rack. C. J. White. 2,549,352, Apr. 17.
Floral rack. C. J. White. 2,565,055, Aug. 21.
Floral spray bar. B. Cowart. 2,543,153, Feb. 27.
Flour and producing the same, Prepared pastry. A. Kipnis. 2,567,815, Sept. 11.
Flow and temperature responsive fluid conditioning system. F. H. Fellows and H. E. Weaver. 2,572,253, Oct. 23.
Flow apparatus. A. H. Redding. 2,570,155, Oct. 2.
Flow brightening electrodeposited tin on tinplate. C. J. Duby. 2,576,902, Nov. 27.
Flow button for well pipes. M. M. Kinley. 2,540,122, Feb. 6.
Flow control and pressure regulating device. D. B. Gardiner. 2,573,563, Oct. 30.
Flow control apparatus, Automatic. J. J. Denham. 2,549,674, Apr. 17.
Flow-control circuit. A. M. Lane. 2,565,242, Aug. 21.
Flow control device. W. G. Miller. 2,554,790, May 29.
Flow control means. F. V. Adams. 2,540,364, Feb. 6.
Flow control means. W. S. Landon. 2,566,216, Aug. 28.
Flow control means in refrigerating apparatus. A. O. Grooms. 2,566,192, Aug. 28.
Flow control system. G. E. Moody. Re. 23,324, Jan. 9.
Flow control valve. E. D. Mattix and C. W. Stokes. 2,546,673, Mar. 27.
Flow control valve for refrigeration systems. F. Y. Carter. 2,564,421, Aug. 14.
Flow controller. H. U. Garrett and C. M. Peters. 2,550,410, Apr. 24.
Flow controller. A. W. Pett. 2,570,152, Oct. 2.
Flow-controlling device for refrigerators. A. G. Janos. 2,548,608, Apr. 10.
Flow damper, Proportioning. B. Cones. 2,577,405, Dec. 4.
Flow densifiers, Method of and apparatus for continuous. R. F. Mitten. 2,570,367, Oct. 9.
Flow divider apparatus for hydraulic systems and the like. J. Isreeli and G. T. Allen. 2,549,472, Apr. 17.
Flow evener. L. Hornbostel. 2,566,450, Sept. 4.
Flow indicator. E. D. Smyser. 2,566,680, Sept. 4.
Flow indicator. H. H. Wolfe. 2,549,276, Apr. 17.
Flow integrating meter. D. P. Eckman. 2,556,803, June 12.
Flow-measuring apparatus. K. H. Dittmann. 2,575,492, Nov. 20.
Flow-measuring device. V. Gentile, Jr. 2,573,430, Oct. 30.
Flow meter. D. S. Mellett. 2,554,715, May 29.
Flowmeter. J. M. Pearson. 2,571,058, Oct. 9.
Flow meter. E. W. Schwartz, W. H. Brand, and H. W. Welsh. 2,552,017, May 8.
Flowmeter with pistons. H. Wydler. 2,547,301, Apr. 3.
Flow profile for reduced drag. T. W. Zobel. 2,562,227, July 31.
Flow proportioning device. H. W. Shoaf. 2,550,387, Apr. 24.
Flow-regulating valve. A. L. Busson. 2,570,317, Oct. 9.
Flow regulating valve. E. Klessig. 2,570,351, Oct. 9.
Flow responsive apparatus. F. J. McNamara. 2,552,569, May 15.
Flow responsive valve. W. M. Weldon. 2,577,055, Dec. 4.
Flow system and valve structure therefor. W. C. Rosenbaum. 2,577,434, Dec. 4.
Flow valve. W. C. Carlisle and P. R. Mills. 2,556,867, June 12.
Flower collar. G. R. Arkinstall. 2,553,953, May 22.
Flower holder. F. D. King. 2,577,251, Dec. 4.
Flower pot holder. C. Bearden. 2,536,901, Jan. 2.
Flue construction, Prefabricated. R. O. Gunderson. 2,573,195, Oct. 30.
Flue gas chilling. H. R. Davis and R. M. Santaniello. 2,580,375, Dec. 25.
Flue pipe section with check draft damper. L. Jones. 2,545,148, Mar. 13.
Fluid actuated integrator. E. F. Stover. 2,575,304, Nov. 13.
Fluid actuating system and apparatus. T. L. Hallenbeck. 2,571,359, Oct. 16.
Fluid and dustproof case. B. Taubert. 2,574,671, Nov. 13.
Fluid catalyst for hydrocarbon synthesis, Preparation of a. M. A. Segura, D. R. McAdams, and W. E. Spicer. 2,541,671, Feb. 13.
Fluid circulation control for fluid couplings. J. E. Becker. 2,539,004, Jan. 23.
Fluid circulation control for fluid couplings. J. E. Becker. 2,548,857, Apr. 17.
Fluid circulation control for rotary hydraulic couplings. J. E. Becker. 2,550,664, May 1.
Fluid compositions containing glycidyl polyethers. E. C. Shokal and A. C. Mueller. 2,548,447, Apr. 10.
Fluid compressor and cooling apparatus therefor. B. S. Aikman. 2,580,341, Dec. 25.
Fluid compressor valve. A. E. Roy. 2,565,094, Aug. 21.
Fluid conducting electrically insulated system. H. L. and R. U. Clark. 2,547,440, Apr. 3.
Fluid conduit connections to centrifugal machines. L. D. Jones. 2,554,622, May 29.
Fluid conduit control and the like systems. F. E. Oldham. 2,538,587, Jan. 16.
Fluid conduit device for vehicle doors. J. B. Parsons. 2,571,379, Oct. 16.
Fluid control. L. S. Hamer. 2,573,842, Nov. 6.
Fluid control apparatus. A. N. Voripaieff. 2,563,978, Aug. 14.
Fluid control device. M. Carlson. 2,553,810, May 22.
Fluid control device. L. A. Kempton. 2,542,279, Feb. 20.
Fluid control for motor vehicles. J. A. N. Dubreuil. 2,562,704, July 31.
Fluid control means. R. R. Farrell. 2,546,258, Mar. 27.
Fluid control means. R. T. Zwack. 2,557,333, June 19.
Fluid control means for automatic cleansing apparatus. P. E. Geldhof and L. Ringer. 2,554,566, May 29.
Fluid control mechanism. J. R. Holicer. 2,563,244, Aug. 7.
Fluid control system. K. B. Britton. 2,566,873, Sept. 4.
Fluid control system and means. R. T. Zwack. 2,557,334, June 19.
Fluid control system for flash welders. B. V. Giesey. 2,560,283, July 10.
Fluid control system for laundering apparatus. T. B. Chace and C. A. Brown. 2,548,651, Apr. 10.
Fluid-control valve. E. Dawson. 2,547,929, Apr. 10.
Fluid control valve. E. Dodson and R. Westbury. 2,563,219, Aug. 7.
Fluid control valve. E. Irti and A. A. O'Sickey. 2,544,597, Mar. 6.
Fluid control valve. O. C. Martin. 2,545,526, Mar. 20.
Fluid control valve. W. A. Ray. 2,557,514, June 19.
Fluid control valve. M. E. Snoddy. 2,573,369, Oct. 30.
Fluid control valve. A. L. Trump. 2,579,982, Dec. 25.
Fluid controlled transmission. V. F. Stewart. 2,543,878, Mar. 6.
Fluid coupling. G. B. Culbertson. 2,548,873, Apr. 17.
Fluid coupling. W. M. Schroeder. 2,537,095, Jan. 19.
Fluid delivery device, Portable. G. Lambert. 2,536,067, Jan. 2.
Fluid differential. R. V. de la Hitte. 2,562,177, July 31.
Fluid displacement rotary machine. R. E. Cornwell. 2,555,679, June 5.
Fluid drive. A. Frank. 2,578,055, Dec. 11.
Fluid drive. G. E. Levings. 2,538,423, Jan. 16.
Fluid drive, Vane type. V. E. Gleasman. 2,552,167, May 8.
Fluid ejector. Dehorning. P. Rieck. 2,551,902, May 8.
Fluid engaged and released clutch. N. Balmforth. 2,559,337, July 3.
Fluid expansion device for electrical apparatus. S. Wald. 2,568,422, Sept. 18.
Fluid feed device. E. A. Weaver. 2,537,497, Jan. 9.
Fluid filter. J. B. Alexander. 2,557,064, June 19.
Fluid filter. R. S. Gaugler. 2,548,965, Apr. 17.
Fluid flow control apparatus. D. H. Annin. 2,558,506, June 26.

Fluid flow control device. W. A. Biermann and V. R. Pawelsky. 2,547,995, Apr. 10.
Fluid flow control system. C. C. Borden, Sr. 2,577,564, Dec. 4.
Fluid flow control system and valve therefor. W. A. Spofford. 2,555,012, May 29.
Fluid flow control valve. R. C. Forsnas. 2,549,188, Apr. 17.
Fluid flow controller. A. P. Fulkerson. 2,574,823, Nov. 13.
Fluid flowmeter. P. D. Hess. 2,543,020, Feb. 27.
Fluid for a compression refrigeration system, Working. A. E. Bishop and S. V. Cook. 2,552,084, May 8.
Fluid for use in contact with the human eyeball. B. R. Minnis and J. H. Conover. 2,547,653, Apr. 3.
Fluid fuel combustion apparatus and control therefor. W. L. Riehl. 2,553,062, May 15.
Fluid fuel valve and flue damper control system for furnaces. A. L. Palmer. 2,537,082, Jan. 9.
Fluid governor. J. D. Summers. 2,568,307, Sept. 18.
Fluid handling device. L. M. and H. M. Harvey. 2,538,835, Jan. 23.
Fluid heat exchange apparatus. J. L. Harvey. 2,551,945, May 8.
Fluid heat exchange installation. C. H. Woolley. 2,553,493, May 15.
Fluid heat exchange installation and forming the same. J. P. Craven. 2,536,039, Jan. 2.
Fluid heater. G. I. Carter. 2,553,549, May 22.
Fluid heater. P. R. Grossman. 2,563,323, Aug. 7.
Fluid heating. C. L. Norton, Jr. 2,571,749, Oct. 16.
Fluid jack. H. A. Genthe. 2,555,925, June 5.
Fluid level gauge. R. R. Facchini. 2,554,100, May 22.
Fluid line connection. F. J. Wiegand and D. W. Meador. 2,560,263, July 10.
Fluid line coupling. E. H. Fletcher. 2,549,791, Apr. 24.
Fluid operated valve. A. E. Jurs, Jr. 2,549,689, Apr. 17.
Fluid medium propelled and rotated apparatus for cleaning the inside of pipes. D. K. Stephens. 2,576,197, Nov. 27.
Fluid meter. W. W. Stevenson. 2,574,198, Nov. 6.
Fluid mixing system. W. V. Offutt. 2,571,476, Oct. 16.
Fluid motor. Q. C. Bridenbaugh. 2,567,505, Sept. 11.
Fluid motor. A. C. D'Arcey. 2,551,246, May 1.
Fluid motor. T. E. Mahlon and D. M. Bauer. 2,565,250, Aug. 21.
Fluid operable apparatus. W. D. Berkley. 2,540,235, Feb. 6.
Fluid operable device. H. M. Purcell. 2,571,758, Oct. 16.
Fluid operated clutch. O. R. Peterson. 2,551,761, May 8.
Fluid operated safety jack apparatus. H. E. Nelius. 2,546,904, Mar. 27.
Fluid-operated servo mechanism. J. J. Righton. 2,572,390, Oct. 23.
Fluid operating and braking system for circuit interrupters. I. W. Paterson and J. F. Chipman. 2,555,898, June 5.
Fluid passage, Adjustable. R. S. Colley. 2,560,634, July 17.
Fluid power actuated hand clamp. C. K. Arter, Jr. 2,552,304, May 8.
Fluid power device. F. Berry. 2,536,486, Jan. 2.
Fluid power transmission. A. J. Zak. 2,565,289, Aug. 21.
Fluid power unit, Axial type. Z. D. Ruben. 2,549,711, Apr. 17.
Fluid powered wheeled automotive vehicle. P. D. Hutton. 2,558,562, June 26.
Fluid pressure actuated cutting tool. P. D. Holowka. 2,543,109, Feb. 27.
Fluid pressure actuated multiple arm pressure clamp. S. R. Smith. 2,560,902, July 17.
Fluid pressure actuated switch. A. C. Kelle. 2,548,221, Apr. 10.
Fluid pressure actuating device. L. F. Rosenberg. 2,550,601, Apr. 24.
Fluid pressure bearing. M. E. Martellotti. 2,578,712–13, Dec. 18.
Fluid pressure control apparatus. R. J. Bush. 2,540,710, Feb. 6.
Fluid pressure control apparatus for engines. R. R. Stevens. 2,575,983, Nov. 20.
Fluid pressure control device. G. H. Sailers. 2,565,742, Aug. 28.
Fluid pressure control for variable delivery pump hydraulic drive system control. H. Thoma. 2,552,604, May 15.
Fluid pressure control mechanism. R. R. Stevens. 2,575,982, Nov. 20.
Fluid pressure control valve. S. W. Stortz. 2,544,056, Mar. 6.
Fluid pressure control valve unit. H. W. Trevaskis. 2,571,311, Oct. 16.
Fluid pressure controlled actuating device. A. J. Bent. 2,575,937, Nov. 20.
Fluid pressure device. T. A. Bowden and P. Tenhengel. 2,540,708, Feb. 6.
Fluid-pressure follow-up control system. H. E. Altgelt. 2,546,880, Mar. 27.
Fluid pressure intensifier. N. C. Hunt. 2,580,353, Dec. 25.
Fluid pressure means for adjusting the valve gear for steam engines. H. G. Mueller. 2,571,278, Oct. 16.
Fluid pressure operated clutch. J. E. Ortloff and W. B. Woody. 2,550,373, Apr. 24.
Fluid pressure operated flexible disk clutch. H. W. Cardwell and G. G. Brown. 2,563,673, Aug. 7.
Fluid pressure operated switch. W. H. Ruffle. 2,571,617, Oct. 16.
Fluid pressure-operated tire bead loosening tool. C. E. Branick. 2,538,962, Jan. 23.
Fluid pressure operating device. R. M. Witt. 2,537,563, Jan. 9.
Fluid pressure released clutch. A. T. Nabstedt and J. O. Berndtson. 2,575,765, Nov. 20.
Fluid pressure remote-control apparatus. R. R. Stevens and R. C. Brooks. 2,580,368, Dec. 25.
Fluid pressure remote control system. S. M. Parker. 2,580,122, Dec. 25.
Fluid pressure responsive regulating means for use in liquid supply systems. R. J. Ifield. 2,579,147, Dec. 18.
Fluid pressure valve. W. A. Eaton. 2,543,099, Feb. 27.
Fluid projecting apparatus. L. M. McBride. 2,578,821, Dec. 18.
Fluid pump. A. F. Habenicht. 2,579,568, Dec. 25.
Fluid pump. W. C. Hackman. 2,571,711, Oct. 16.
Fluid pump. H. F. Hadley. 2,536,995, Jan. 2.
Fluid pump. A. F. Leis. 2,564,808, Aug. 21.
Fluid pump. M. H. Scherger and E. B. Terrill, Jr. 2,578,746, Dec. 18.
Fluid pump pressure limiting valve. E. L. Baugh. 2,574,613, Nov. 13.
Fluid pumping film reel. R. M. Barth. 2,539,884, Jan. 30.
Fluid regulator. W. D. Teague, Jr. 2,556,829, June 12.
Fluid sampler for wells. J. I. Seay, Jr. 2,563,284, Aug. 7.
Fluid sampling device, Automatic. C. A. Wendel. 2,576,737, Nov. 27.
Fluid seal. P. I. Cole. 2,547,257, Apr. 3.
Fluid seal. P. I. Cole. 2,576,673, Nov. 27.
Fluid seal. C. Guiler and A. Kalenian. 2,538,683, Jan. 16.
Fluid seal. P. Kollsman. 2,538,422, Jan. 16.
Fluid seal. T. O. Kosatka. 2,575,818, Nov. 20.
Fluid seal for rotary fluid valves. J. W. F. Holl. 2,558,087, June 26.
Fluid sealing device. J. H. F. Stewart. 2,557,039, June 12.
Fluid sealing device. J. H. F. Stewart. 2,565,701, Aug. 28.
Fluid separating diaphragm in fitting for pressure gauges. A. E. Le Van. 2,568,238, Sept. 18.
Fluid separation apparatus. B. R. Walsh. 2,539,044, Jan. 23.
Fluid separator. E. Henkel. 2,538,195, Jan. 16.
Fluid shutter for light-projecting apparatus. J. D. Kennelly. 2,571,894, Oct. 16.
Fluid-solid boundary surface for aircraft. A. A. Griffith. 2,554,187, May 22.
Fluid testing apparatus. G. V. Eltgroth. 2,568,277, Sept. 18.
Fluid throttling valve. R. H. Davies. 2,541,464, Feb. 13.
Fluid thrust bearing. R. J. Imbert. 2,570,682, Oct. 9.
Fluid tight fitting for cables. E. Fraser. 2,564,302, Aug. 14.
Fluid tight joint. C. M. Janssens van der Maelen. 2,558,050, June 26.
Fluid transfer pump. T. D. Nisbet. 2,558,312, June 26.
Fluid treating apparatus. C. T. McGill and H. Mansen. 2,570,258, Oct. 9.
Fluid treatment apparatus. J. E. Mason and C. Eliason. 2,542,041, Feb. 20.
Fluid treatment of running lengths of fabric, Fast speed. E. F. Williams and W. J. Brayden. 2,537,290, Jan. 9.
Fluid type switch. V. W. Jones. 2,580,302, Dec. 25.
Fluid valve. A. E. Miller. 2,574,054, Nov. 6.
Fluidized bed evaporator and method. J. C. Munday. 2,567,959, Sept. 18.
Fluidized bed reactor. F. P. Vance, Jr. 2,546,570, Mar. 27.
Fluidized carbonization. K. J. Nelson. 2,549,117, Apr. 17.
Fluidized carbonization process. K. J. Nelson and H. Z. Martin. 2,537,153, Jan. 9.
Fluidized catalytic cracking system with rotating disk slide valve. E. V. Bergstrom. 2,547,900, Apr. 3.
Fluidized powder flow and control. G. E. Liedholm. 2,560,356, July 10.
Fluidized process for the carbonization of carbonaceous solids. W. W. Odell. 2,557,680, June 19.
Fluidized solids transfer. V. Voorhees. 2,536,402, Jan. 2.
Fluidizing reduction of zinc compounds with stagewise feeding of solids. J. C. Kalbach. 2,560,175, July 10.
Fluke anchor. N. E. Burleson, Sr. 2,576,172, Nov. 27.
Fluorenonylamino anthraquinone acid dyestuffs. C. G. Vogt. 2,564,654, Aug. 14.
Fluorenyl and benzohydryl esters and producing them. J. W. Cusic and R. A. Robinson. Re. 23,398, Aug. 14.
Fluorescent lamp. H. E. Krefft. 2,555,749, June 5.
Fluorescent lamp. W. J. Winninghoff. 2,549,355, Apr. 17.
Fluorescent lamp changing tool. L. Stueland. 2,562,071, July 24.
Fluorescent light safety lock remover. R. T. Riker and J. H. Molat. 2,562,211, July 31.
Fluorinated acyl peroxides. O. H. Bullitt, Jr. 2,559,630, July 10.
Fluorinated aliphatic phosphates as emulsifying agents for aqueous polymerizations. A. F. Benning. 2,559,749, July 10.

Fluorinated compounds. W. E. Hanford and R. M. Joyce, Jr. 2,562,547, July 31.
Fluorinated propionyl halides and making them. D. W. Chaney. 2,549,892, Apr. 24.
Fluorinating organic compounds with molten silver fluorides. R. G. Benner. 2,549,565, Apr. 17.
Fluorination of fused-ring organic compounds with cobalt trifluoride. E. T. McBee and R. M. Robb. 2,578,720, Dec. 18.
Fluorination of high molecular compounds. A. F. Benning. 2,567,759, Sept. 11.
Fluorination of hydrocarbons. G. M. Whitman. 2,578,913, Dec. 18.
Fluorination of lubricating oil. A. F. Benning. 2,541,190, Feb. 13.
Fluorination of saturated halocarbons with lead tetrafluoride. E. T. McBee and R. M. Robb. 2,544,560, Mar. 6.
Fluorination of saturated halocarbons with manganese trifluoride. E. T. McBee and R. M. Robb. 2,578,721, Dec. 18.
Fluorination of unsaturated halocarbons with lead tetrafluoride. E. T. McBee and R. M. Robb. 2,545,430, Mar. 13.
Fluorination process. R. Rosen. 2,568,660, Sept. 18.
Fluorination with granular CrF_3 catalyst. A. F. Benning, J. D. Park, and S. E. Krahler. 2,576,823, Nov. 27.
Fluorine by electrolysis, Manufacture of. R. C. Downing. 2,540,248, Feb. 6.
Fluorine compositions and making, Organic. F. B. Stilmar. 2,569,644, Oct. 2.
Fluorine compounds, Preparation of. R. C. Arnold. 2,560,838, July 17.
Fluorine-containing alcohols and preparing the same. R. M. Joyce, Jr. 2,559,628, July 10.
Fluorine substituted amines. F. G. Pearson. 2,558,875, July 3.
Fluoroalkanephosphonic compounds. J. A. Bittles, Jr., and R. M. Joyce, Jr. 2,559,754, July 10.
Fluoroalkylsulfuric compounds. K. L. Berry and J. A. Bittles, Jr. 2,559,751, July 10.
Fluorocarbon acids and derivatives. A. R. Diesslin, E. A. Kauck, and J. H. Simons. 2,567,011, Sept. 4.
Fluorocarbon aldehydes and their monohydrates. D. R. Husted and A. H. Ahlbrecht. 2,568,500, Sept. 18.
Fluorocarbons, The preparation of. G. H. Cady. 2,574,619, Nov. 13.
Fluorochlorobutanes. C. I. Gochenour. 2,554,857, May 29.
Fluorochloromethanes, Manufacture of. J. D. Calfee and L. B. Smith. 2,572,913, Oct. 30.
Fluorography. L. M. E. Clausing. 2,560,085, July 10.
Fluorohydrocarbon substituted methylsiloxanes. C. F. Kohl, Jr. 2,571,090, Oct. 16.
Fluorophotometer. C. R. Marsh and C. B. Pickle. 2,551,542, May 1.
Fluorosulfonic acid treatment of hexachlorocyclopentadiene. E. T. McBee and J. S. Newcomer. 2,552,568, May 15.
Fluorothiophene, Preparing. R. T. Van Vleck. 2,562,994, Aug. 7.
Fluosulfonic acid refining of lubricating oil. P. H. Carnell 2,538,293, Jan. 16.
Flush head locked-in fastening device. J. Rosan. 2,550,867, May 1.
Flush pin gauge. F. W. Kessler. 2,560,177, July 10.
Flush tank. P. Cole. 2,560,532, July 17.
Flush tank. P. A. Peterson. 2,562,330, July 31.
Flush tank control valve. J. C. Owens. 2,569,017, Sept. 25.
Flush tank drip catch. N. A. Rubner. 2,575,130, Nov. 13.
Flush type fill box. J. D. Dillard. 2,575,618, Nov. 20.
Flush valve. H. D. Clemmons. 2,546,213, Mar. 27.
Flush valve. C. D. Myer. 2,549,628, Apr. 17.
Flush valve mechanism. H. F. Smith. 2,579,766, Dec. 25.
Flushing apparatus, Siphonic. J. C. Owens. 2,549,383, Apr. 17.
Flushing device. J. F. Duncan. 2,548,658, Apr. 10.
Flushing device, Radiator. W. J. Dunn. 2,537,215, Jan. 9.
Flushing mechanism, including a backflow preventer, Waste. A. J. Kreiner. 2,547,708. Apr. 3.
Flushing nozzle. E. J. Terry and G. R. McCormick. 2,569,588, Oct. 2.
Flushing system for gauge pipes on suction dredges, Automatic. D. L. Hofer. 2,553,918, May 22.
Fluting machine. E. W. Minns. 2,551,808, May 8.
Flux. C. M. Browne. 2,563,391, Aug. 7.
Flux barrier system. T. Flint and E. Stubbs. 2,557,219, June 19.
Fluxmeter. H. W. Wallace. 2,563,568, Aug. 7.
Flux phase indicator. W. M. Powell. 2,557,761, June 19.
Fluxed solder rod. S. L. Crowell and G. J. Philippi. 2,565,477, Aug. 28.
Fluxes, Aluminum welding. M. A. Miller and W. E. Haupin. 2,552,104–6, May 8.
Fluxing and joining metal parts. A. P. Edson and I. L. Newell. 2,561,565, July 24.
Fluxing metal parts in joining them. A. P. Edson and I. L. Newell. 2,561,566, July 24.
Fly ash precipitator. S. L. Fitzpatrick. 2,569,710, Oct. 2.
Fly casting rod. L. D. Stoner. 2,537,488, Jan. 8.
Fly hook holder. J. E. Waggoner. 2,566,388, Sept. 4.
Fly swatter. W. W. Sharpe. 2,544,215, Mar. 13.
Fly tying device. J. S. Conrad and O. C. Franz. 2,578,045, Dec. 11.
Flywheel bearing demounting assembly. G. I. and J. C. Danly. 2,565,759, Aug. 28.
Flywheel bearing lubricating system, Power press. P. H. Danly and V. Georgeff. 2,565,760, Aug. 28.
Flywheel governor for parking meters. R. T. Trier and M. H. Kaefer. 2,556,123, June 5.
Flywheel synchronization system. K. Schlesinger. 2,574,229, Nov. 6.
Flying control for aircraft. H. Knowler and A. E. Swain. 2,548,481, Apr. 10.
Flying saw actuating mechanism. G. E. Mirfield and I. A. Colby. 2,578,825, Dec. 18.
Foam fire fighting method. R. L. Tuve, H. B. Peterson, and R. S. Ericson. 2,556,239, June 12.
Foam generating attachment for fog nozzles. D. M. Butler. 2,555,394, June 5.
Foam maker for cleaners. M. G. Morgan. 2,575,675, Nov. 20.
Foam making and dispensing means. F. N. Stover. 2,549,258, Apr. 17.
Foam prevention in extractive distillation of hydrocarbons. D. S. Sherwin. 2,558,587, June 26.
Foam rubber, Making. H. A. Toulmin, Jr. 2,576,318, Nov. 27.
Focus adjusting mechanism for aerial cameras. C. M. Lee and G. L. Barringer. 2,575,020, Nov. 13.
Focus adjustment for motion-picture sound pickups. G. A. Mitchell. 2,554,679, May 29.
Focus coil arrangement. R. F. Foster. 2,546,028, Mar. 20.
Focus control means for cathode-ray tubes, Automatic. R. O. Holbrook. 2,567,377, Sept. 11.
Focus reducer and copying camera, Automatic. R. H. Doornbos. 2,572,992, Oct. 30.
Focusing and deflecting means for cathode-ray tubes. C. N. Smyth. 2,539,492, Jan. 30.
Focusing device for centimeter waves. H. Iams. 2,576,181, Nov. 27.
Focusing mechanism for microscopes. J. C. Kurtz and B. G. Gallasch. 2,579,195, Dec. 18.
Fog head, Enclosed. T. W. Burnam. 2,550,451, Apr. 24.
Fog inhibitors for photographic emulsions. R. E. Stauffer and W. F. Smith. 2,552,229–30, May 8.
Fog light mounting. C. Sklarek. 2,536,234, Jan. 2.
Fog-producing attachment for fire-fighting nozzles. E. D. Ballard. 2,570,190, Oct. 9.
Fogging gun, Inner wall. O. A. Stringer. 2,577,437, Dec. 4.
Foil container. S. M. Weisberg, E. H. Paulsen and H. Silbermann. 2,573,524, Oct. 30.
Foil for door handles. H. M. Hilger. 2,578,547, Dec. 11.
Foldable awning frame. S. B. Atwood. 2,579,780, Dec. 25.
Foldable bed frame. H. Margiloff. 2,572,642, Oct. 23.
Foldable box. A. J. Grossniklaus. 2,549,682, Apr. 17.
Foldable box. L. C. Michetti. 2,554,677, May 29.
Foldable canopy frame. E. Hervey. 2,571,362, Oct. 16.
Foldable golf bag carrier. K. M. Larsen. 2,579,937, Dec. 25.
Foldable golf bag stand. F. Dunbar and A. Barbetta. 2,559,951, July 10.
Foldable golf bag support. S. Vanden Hoek. 2,572,408, Oct. 23.
Foldable line-drying reel. W. D. Hengst. 2,562,095, July 24.
Foldable portable chiropractor's table. A. F. Branto. 2,579,783, Dec. 25.
Foldable prayer rail. A. E. Landau. 2,536,450, Jan 2.
Foldable reel. J. C. Hancock. 2,555,851, June 5.
Foldable seat. G. Schueder, H. L. Dunlap, and J. Gavagan. 2,577,817, Dec. 11.
Foldable stand. I. C. Bowman. 2,550,959, May 1.
Foldable table. B. Cohen and J. Pucci. 2,542,394, Feb. 20.
Foldable tire diameter gauge. J. S. Evans. 2,566,407, Sept. 4.
Foldable wheeled luggage carrier. L. T. Lazell and W. L. Peebles. 2,553,659, May 22.
Folder, All size. C. S. Crafts. 2,555,267, May 29.
Folder for snap fasteners, Packaging. M. J. Berkson. 2,560,520, July 10.
Folding adjustable beach chair. N. Rikelman. 2,561,886, July 24.
Folding and packaging shirts. S. Lighter. 2,567,385, Sept. 11.
Folding awning frame. E. F. Bell. 2,578,964, Dec. 18.
Folding ball game board. R. Armstrong. 2,565,584, Aug. 28.
Folding bellows for photographic devices. D. C. Turner, E. F. and A. R. Thomas. 2,578,111, Dec. 11.
Folding box. C. D. Painter. 2,555,655, June 5.
Folding box. M. I. Williamson. 2,536,990, Jan. 2.
Folding box machine. W. P. Fergnani. 2,563,596, Aug. 7.
Folding cartons. R. B. Meller. 2,580,180, Dec. 25.
Folding chair. H. C. Burnham. 2,555,113, May 29.
Folding chair. H. C. Burnham and A. Bus. 2,568,269, Sept. 18.
Folding chair. T. R. Campanelli 2,536,157, Jan 2.
Folding chair. J. A. Christensen. 2,541,036, Feb. 13.

Folding chair. W. R. Goldfine. 2,550,993, May 1.
Folding chair. G. L. Guthmann. 2,574,387, Nov. 6.
Folding chair. A. Lewis. 2,573,915, Nov. 6.
Folding chair. A. A. Madsen. 2,572,739, Oct. 23.
Folding chair. C. E. Meeker. 2,542,342, Feb. 20.
Folding chair. B. Thal. 2,541,130–1, Feb. 13.
Folding chair. H. R. Wilkinson, Jr. 2,538,637, Jan. 16.
Folding clothes rack. A. J. Rochow. 2,572,665, Oct. 23.
Folding deck chair. W. C. Martin. 2,567,341, Sept. 11.
Folding display. B. Bartnick. 2,546,144, Mar. 27.
Folding door. A. T. Garbuo. 2,577,884, Dec. 11.
Folding door. A. Madonna. 2,536,197, Jan. 2.
Folding electric steam iron. A. Bate. 2,573,174, Oct. 30.
Folding fish pole holder. F. I. Jaden. 2,564,065, Aug. 14.
Folding flat articles. S. W. Lister. 2,569,769, Oct. 2.
Folding gaff hook. W. C. Le Febvre and A. Mihm. 2,547,273, Apr. 3.
Folding garment hanger. F. M. Mills. 2,544,170, Mar. 6.
Folding handle. G. E. Peters and L. E. Russell. 2,557,139, June 19.
Folding high chair. F. R. Franklin. 2,564,622, Aug. 14.
Folding high chair. H. Hieb. 2,560,108, July 10.
Folding high chair. M. Rosenjack. 2,563,553, Aug. 7.
Folding ice fishing rod. A. F. Seviola. 2,546,079, Mar. 20.
Folding leg bracket. G. Balabushka. 2,553,887, May 22.
Folding machine. H. E. Elliott and L. Mawbey. 2,552,544, May 15.
Folding machine, Carton. H. F. Conser. 2,541,914, Feb. 13.
Folding machine, Container. L. Veyret and G. Geffroy. 2,542,379, Feb. 20.
Folding machine, Shirt. W. F. Gayring. 2,556,079, June 5.
Folding maps and the like. G. E. A. Falk. 2,572,460, Oct. 23.
Folding overload spring. G. R. Huff. 2,539,251, Jan. 23.
Folding paper. C. J. Reigh. 2,549,386, Apr. 17.
Folding pocket seat. W. K. Bryant. 2,567,595, Sept. 11.
Folding refrigerator car door. E. V. Hopkins. 2,565,728, Aug. 28.
Folding rocking chair. P. O. Beil. 2,543,273, Feb. 27.
Folding seat. H. Enriquez. 2,549,368, Apr. 17.
Folding sign. F. P. Radcliffe. 2,538,381, Jan. 16.
Folding stairs. E. E. Pierce. 2,572,281, Oct. 23.
Folding table. D. J. Klyce. 2,569,007, Sept. 25.
Folding table. P. H. Randolph. 2,580,126, Dec. 25.
Folding table. A. Taylor. 2,546,323, Mar. 27.
Folding table. E. E. Wineland. 2,566,077, Aug. 28.
Folding toilet seat. J. V. Barnes. 2,545,598, Mar. 20.
Folding top extension table. W. H. Clingman. 2,555,957, June 5.
Folding top structure. J. W. Votypka. 2,580,337, Dec. 25.
Folding wall seat. J. E. Turner. 2,574,302, Nov. 6.
Folic acid intermediates. D. I. Weisblat, B. J. Magerlein, and A. R. Hanze. 2,578,767, Dec. 18.
Follow rest for lathes. E. N. Lichtenberg. 2,547,529, Apr. 3.
Follow-up apparatus. G. N. Burkhart, Jr. 2,537,027, Jan. 9
Follow-up valve. B. N. Ashton and E. V. Barkow. 2,556,746, June 12.
Follower for filing compartments. H. W. Regenhardt. 2,557,915, June 19.
Follower for filing compartments. H. W. Regenhardt and G. M. Beno. 2,573,603, Oct. 30.
Follower for filing drawers. H. C. Fosberg. 2,560,428, July 10.
Food antioxidants. M. F. Gribbins and H. R. Dittmar. 2,563,835, Aug. 14.
Food antioxidants. M. F. Gribbins and H. R. Dittmar. 2,564,106, Aug. 14.
Food article and making. F. T. Kimball. 2,538,202, Jan. 16.
Food chopping attachment. J. C. Morris. 2,576,802, Nov. 27.
Food, Coated. A. E. Irvine. 2,556,278, June 12.
Food compositions. H. H. Bogin and R. D. Feick. 2,555,466, June 5.
Food compositions and making same, Fatty. H. H. Bogin and R. D. Feick. 2,555,467–8, June 5.
Food container. D. J. Moore. 2,540,342, Feb. 6.
Food container. F. F. Pfefferkorn. 2,546,166, Mar. 27.
Food container. V. L. Pool. 2,556,631, June 12.
Food cooking. P. L. Spencer. 2,540,036, Jan. 30.
Food, Dry infant. J. Lolkema. 2,559,022, July 3.
Food flavor intensifiers. W. Phillips. 2,539,160, Jan. 23.
Food forming and cooking machine, Automatic. F. S. Nanna. 2,575,068, Nov. 13.
Food handling apparatus. D. A. Meeker and E. A. Reussenzehn. 2,573,861, Nov. 6.
Food mixer. C. H. Sparklin and G. C. Sporney. 2,568,773, Sept. 25.
Food mixer beater. G. S. McCloy. 2,538,877, Jan. 23.
Food mixer indexing mechanism. F. A. Masheris. 2,570,358, Oct. 9.
Food package, Frozen. F. A. Wool. 2,559,101, July 3.
Food preserving and cooking device. R. M. Shaw, Jr. 2,572,826, Oct. 30.
Food product. P. J. Clough, R. S. Morse, E. G. Hellier, and R. A. Stauffer. 2,573,406, Oct. 30.
Food product and making the same, Frozen. N. H. Lundquist. 2,536,137, Jan. 2.
Food product and making the same, Semisolid. W. P. M. Grelck. 2,536,438, Jan. 2.
Food product and production. W. P. M. Grelck. 2,536,439, Jan. 2.
Food product, Milk. P. F. Sharp and W. H. Hoecker. 2,565,098, Aug. 21.
Food products and making the same. L. A. Scholz. 2,568,369, Sept. 18.
Food products, Preparing baked. J. A. Gregor. 2,549,595, Apr. 17.
Food serving device. A. Havens. 2,564,571, Aug. 14.
Food storage device. S. Gattuso. 2,577,959, Dec. 11.
Food supporting cradle. W. Sklavenitis. 2,569,262, Sept. 25.
Foot and leg rest for car seats, Adjustable. J. C. Lyon. 2,559,127, July 3.
Football position indicator. J. E. Wilson. 2,539,560, Jan. 30.
Football side line marker. C. F. Volz. 2,576,321, Nov. 27.
Foot brake pedal holder. C. Frauen. 2,553,448, May 15.
Foot construction for metal chairs. J. B. O'Connor. 2,543,592, Feb. 27.
Foot construction for sleeping garments. W. B. Martin. 2,552,802, May 15.
Foot correcting device, Adjustable. I. Oleskey. 2,554,718, May 29.
Foothold and manufacture. L. H. L'Hollier. 2,544,270, Mar. 6.
Foot-operated switch. H. M. Keckley. 2,560,873, July 17.
Foot pedal operated hopper door. R. E. Oberst. 2,547,089, Apr. 3.
Footrail, Manually adjustable. A. B. Bell. 2,561,091, July 17.
Footrest. M. W. Bosler. 2,545,510, Mar. 20.
Footrest. C. H. Harmon. 2,546,394, Mar. 27.
Footrest. E. V. Koski. 2,576,883, Nov. 27.
Footrest for reclining seat chairs which is convertible into a table. J. L. Londerman. 2,555,144, May 29.
Foot scraper having gravity operated latch means. P. B. Mims. 2,579,006, Dec. 18.
Foot stool, Vertically adjustable. G. E. Hill. 2,579,577, Dec. 25.
Foot support. E. H. Juers. 2,569,721, Oct. 2.
Foot support. H. E. Hipps and E. J. Kupjack. 2,572,860, Oct. 30.
Foot support. J. F. Rapisarda. 2,567,028, Sept. 4.
Foot traction appliance, Universally applicable. W. M. Bassichis. 2,541,738, Feb. 13.
Foot treating device. J. F. Schwebel, Sr. 2,553,873, May 22.
Foot treating device. L. B. Triplett. 2,567,625, Sept. 11.
Foot valve. L. D. Hill. 2,570,445, Oct. 9.
Foot ventilating shoe. B. W. Oltrogge. 2,560,591, July 17.
Footwear. P. A. Donahue. 2,538,673, Jan. 16.
Footwear safety guard. S. S. Roberts. 2,555,900, June 5.
Footwear, Weighted. G. Aprile. 2,545,910, Mar. 20.
Footwear with elastic closure band, Protective. C. W. Johnston. 2,540,531, Feb. 6.
Footwear with integral gusset at bottom of opening. E. Rollmann. 2,552,064, May 8.
Footwear with sponge rubber sole and rubber upper-attaching strip. H. W. Rollman and A. Szerenyi. 2,580,245, Dec. 25.
Footwear with sponge rubber sole indirectly connected to the upper. H. W. Rollman. 2,574,582, Nov. 13.
Foraminated vase, candle and flower holder. L. B. James. 2,550,355, Apr. 24.
Force applying unit, Screw advanced rapid traverse. H. H. Merriman. 2,567,571, Sept. 11.
Force responsive device for flow meters. F. W. Godsey, Jr. 2,571,863, Oct. 16.
Force transmitting mechanism. E. R. Price. 2,554,312, May 22.
Forced air circulation combustion type space heater. K. S. Jenson. 2,576,685, Nov. 27.
Forced air flow air-heating furnace. D. J. Luty. 2,579,047, Dec. 18.
Forced air flow air-heating furnace. A. W. Ruff. 2,573,651, Oct. 30.
Forced circulation multiple unit air heating furnace. G. B. Herbster. 2,564,479, Aug. 14.
Forced circulation steam generator. W. S. Patterson. 2,578,831, Dec. 18.
Forced draft buffer. M. Schloss. 2,576,364, Nov. 27.
Forceps. R. O. Christensen. 2,563,920, Aug. 14.
Forceps, Surgical. F. J. Wallace. 2,556,783, June 12.
Forestry tool. H. E. Stasiek. 2,552,652, May 15.
Forge furnace. E. K. Bastress and E. G. de Coriolis. 2,563,908, Aug. 14.
Forged wheel. C. Hollerith. 2,566,663, Sept. 4.
Forging hollow articles. C. A. Brauchler. 2,557,722, June 19.
Forging press. J. Foster. 2,577,882. Dec. 11.
Fork. P. A. Montavon. 2,537,365, Jan. 9.
Fork and spoon, Combined. R. H. Clark. 2,578,287, Dec. 11.
Fork assemblage for bicycles. H. W. Kranz. 2,540,585, Feb. 6.
Fork, Brick. C. H. Schmidgall. 2,557,394, June 19.
Fork carriage, Rotating. H. E. Milz. 2,541,268, Feb. 13.
Fork, Claw. W. Spann. 2,552,228, May 8.

Fork, Flexible slide. O. R. Hennings. 2,541,964, Feb. 13.
Fork, Meat. F. F. Lavell. 2,554,255, May 22.
Fork, Mechanical. O. H. Cooper. 2,550,329, Apr. 24.
Fork, Pickle. G. F. Lum. 2,539,849, Jan. 30.
Fork, Pulley. E. F. Pidgeon. 2,539,031, Jan. 23.
Fork, Roasting. J. H. Lehnus. 2,558,365, June 26.
Fork, Steering. R. L. Pawsat. 2,561,710, July 24.
Form binding machine. I. Scheinker. 2,573,612, Oct. 30.
Form for casting concrete steps. E. E. Cato. 2,537,396, Jan. 9.
Form for concrete wall construction, Collapsible. P. J. Callan. 2,544,297, Mar. 6.
Form for examining and finishing stockings. M. Kohlsdorf. 2,561,210, July 17.
Form for forming window or door openings in concrete walls, Collapsible. P. J. Callan. 2,557,631, June 19.
Form for lining irrigation ditches, Portable. R. Fuller, 2,551,110, May 1.
Form for manufacturing concrete drain tiles. L. G. Osborn. 2,564,026, Aug. 14.
Form for molding cementitious material. S. P. Brown. 2,548,343, Apr. 10.
Form for molding precast concrete window frames. T. L. McKinley. 2,539,917, Jan. 30.
Form for precast concrete structural floor sections. R. L. Davitt. 2,555,028, May 29.
Form grinding, Method and apparatus for continuous. J. C. Wilson. 2,554,079, May 22.
Form plate holder. L. R. Vines. 2,554,430, May 22.
Form separator. C. Lather. 2,579,835, Dec. 25.
Form-stable, rubberlike polyvinyl isopropyl ethers, Production of. A. O. Zoss. 2,555,179, May 29.
Formation of a surface easily wettable by mercury. C. E. Pollard, Jr. 2,547,536, Apr. 3.
Formation of articulated containers. R. M. Bergstein. 2,565,944, Aug. 28.
Formation of rubber treads on vehicle tires. L. F. Wallis. 2,544,868, Mar. 13.
Formation of the combustion space in particular for two-stroke engines. A. Zelezny. 2,577,558, Dec. 4.
Formation of X-ray images by refractive focusing. P. H. Kirkpatrick. 2,559,972, July 10.
Formation tester. J. E. Weiler. 2,544,623, Mar. 6.
Formation tester and sampler. R. O. Pollard, Jr. 2,545,306, Mar. 13.
Formation testing device. C. C. Brown. 2,540,423, Feb. 6.
Formation testing tool. J. H. Kirby, II. 2,552,433, May 8.
Formic acid solutions of synthetic linear polyamides from alpha-amino acids. C. W. Tullock. 2,540,855, Feb. 6.
Forming a composite article comprising steel and silver. T. R. Holbrook. 2,557,823, June 19.
Forming a cord fabric strip with a tire tread attached thereto. A. J. Musselman. 2,561,587, July 24.
Forming a glass film on metal. S. F. Essig. 2,539,410, Jan. 30.
Forming a flexible coil clutch. T. R. Smith. 2,574,714, Nov. 13.
Forming a multilayered mat of intercrossed filaments. P. Modigliani. 2,574,221, Nov. 6.
Forming a pouring spout blank. S. Goldstein. 2,576,594, Nov. 27.
Forming a reflection reducing coating. H. R. Moulton. 2,536,764, Jan. 2.
Forming a tubular glass ampoule having a central transverse partition. E. W. Bednarz. 2,565,061, Aug. 21.
Forming a vacuum-tight bond between ceramics and metals. F. Tank. 2,564,738, Aug. 21.
Forming a welded connection and means therefor. H. J. Fanger. 2,563,107, Aug. 7.
Forming alkaline earth metal and magnesium sulphides. M. J. Rentschler. 2,565,931, Aug. 28.
Forming an article from at least two plastics. F. J. Dofsen and E. L. Danielson. 2,544,140, Mar. 6.
Forming an expanded tube and tube seat connection with an intervening metallic bonding stratum of low fusion temperature. C. A. Maxwell. 2,545,527, Mar. 20.
Forming and affixing electrical terminals, Method of and apparatus for. J. C. Hroch, Jr. 2,551,376, May 1.
Forming and cutting tool. R. Allen. 2,539,941, Jan. 30.
Forming and drawing press. E. B. Lent. 2,547,331, Apr. 3.
Forming apparatus. G. O. Conner. 2,564,354, Aug. 14.
Forming articles. F. A. Brandes. 2,539,807, Jan. 30.
Forming artificial breasts. M. A. Wright and D. E. Gates. 2,580,264, Dec. 25.
Forming automobile body fenders. P. Peterson. 2,556,738, June 12.
Forming Axminster fabric. P. Miller. 2,557,453, June 19.
Forming bearings. L. H. E. Fox. 2,577,187, Dec. 4.
Forming beryllium-copper alloy bellows. W. V. Hobbs. 2,569,058, Sept. 25.
Forming bodies of artificial resin and fibrous material. F. J. Trözmüller. 2,558,632, June 26.
Forming box. L. G. Johnson. 2,543,912, Mar. 6.
Forming bracket units. R. H. Wright and D. G. Haight. 2,560,786, July 17.
Forming briquettes, Method and apparatus for. S. K. Wellman. 2,541,899, Feb. 13.
Forming cast hollow articles. L. L. Johnston. 2,559,161, July 3.
Forming ceramic articles. E. Hardesty. 2,539,245, Jan. 23.
Forming composite aluminum-steel parts by casting aluminum on to steel and bonding thereto. H. L. Grange and D. K. Hanink. 2,544,670, Mar. 13.
Forming composite products consisting of ferrous metal and aluminum or aluminum-base alloy. H. L. Grange and D. K. Hanink. 2,544,671, Mar. 13.
Forming concrete blocks. M. J. Demo. 2,542,485, Feb. 20.
Forming containers. J. Geier. 2,573,429, Oct. 30.
Forming crankshafts, Method and apparatus for. L. F. Knight and A. Pitt. 2,555,695, June 5.
Forming cylindrical containers. H. F. Waters. 2,554,722, May 29.
Forming designs in knitted or woven fabrics of synthetic polyamide fibers. F. G. Weisbecker. 2,550,894, May 1.
Forming designs in relief. T. J. D. Fuller, Jr. 2,555,077, May 29.
Forming die cast products. L. H. Morin. 2,577,350, Dec. 4.
Forming dielectric coatings. H. B. Law. 2,540,623, Feb. 6.
Forming dish-shaped resinous articles. F. W. Sampson and P. A. Norris. 2,541,297, Feb. 13.
Forming dyed shaped articles from acrylonitrile polymerization products. A. Cresswell. 2,558,735, July 3.
Forming fibers, Method and apparatus for. F. V. Tooley. 2,566,643, Sept. 4.
Forming filled capsules, Method and apparatus for. C. S. Smith. 2,568,094, Sept. 18.
Forming film. G. F. Rackett. 2,544,258, Mar. 6.
Forming frozen confections, Apparatus and method for. I. A. Rummel and J. D. Welch. 2,563,278, Aug. 7.
Forming glass fibers, Method and apparatus for. C. J. Stalego. 2,569,699, Oct. 2.
Forming glass tubing. S. J. Everett. 2,545,728, Mar. 20.
Forming glomerules. E. P. Barrett. 2,545,441, Mar. 20.
Forming grinding wheels. W. F. Ross. 2,571,293, Oct. 16.
Forming ground meat patties. F. S. Elsaesser. 2,580,008, Dec. 25.
Forming guide for engraving machines. A. L. Woody. 2,537,806, Jan. 9.
Forming hand-operated striking tools. E. O. Estwing. 2,571,350, Oct. 16.
Forming highly active catalytic surfaces. J. E. Latta. 2,548,801, Apr. 10.
Forming image-receiving film for use in photography. J. Greenhalgh and O. E. Wolff. 2,565,367, Aug. 21.
Forming inductor coils. H. W. Sullivan. 2,542,726, Feb. 20.
Forming inflatable bodies from thermoplastic sheeting. C. Chedister. 2,564,656, Aug. 21.
Forming insoluble layers from carbohydrates. J. Lolkema and C. M. H. Kool. 2,541,773, Feb. 13.
Forming jewel bearings. G. K. Porter. 2,552,381, May 8.
Forming laminated articles. T. Rotter. 2,540,549, Feb. 6.
Forming laminated articles. S. G. Saunders. 2,562,641, July 31.
Forming lock nuts. C. W. Delaney. 2,539,899, Jan. 30.
Forming machine. G. O. Conner. 2,541,573, Feb. 13.
Forming machine. G. O. Conner. 2,542,630, Feb. 20.
Forming machine, Candy bar. F. E. Soell. 2,566,586, Sept. 4.
Forming machine, Sausage-core. L. G. Edwards. 2,568,491, Sept. 18.
Forming machine, Wire garment hanger. O. R. Brekle. 2,566,400, Sept. 4.
Forming magnetic record members from a papermaking fibers slurry. O. Kornei. 2,547,948, Apr. 10.
Forming masks for articles having intaglio designs. S. R. Prance. 2,556,706, June 12.
Forming metallic oxide coatings upon siliceous support articles. A. R. Weinrich. 2,578,956, Dec. 18.
Forming molds for casting. G. W. Paget. 2,540,212, Feb. 6.
Forming movably coupled members. L. H. Morin. 2,555,754, June 5.
Forming optical devices, Method and apparatus for. F. C. P. Henroteau. 2,541,057, Feb. 13.
Forming ornamental package bows. M. L. Gates. 2,563,678, Aug. 7.
Forming orthodentic arches. W. J. Henry. 2,566,414, Sept. 4.
Forming oxide coating on tantalum electrodes. E. K. Smith. 2,565,004, Aug. 21.
Forming partly colored glass articles. C. E. and S. E. Erickson. 2,538,935, Jan. 23.
Forming plastic buttonholes, Method and apparatus for. I. Botwinick. 2,565,753, Aug. 28.
Forming plastic insignia, Method and mold for. R. J. Renholts. 2,566,636, Sept. 4.
Forming plastic material, Process and apparatus for. H. A. Brassert. 2,540,092, Feb. 6.
Forming plastic, Method of and apparatus for. G. A. Lyon. 2,537,311, Jan. 9.
Forming pleats. A. McD. Hess. 2,548,475, Apr. 10.
Forming pressing elements for ironing machines. E. Davis. 2,537,746, Jan. 9.
Forming rounded bottom conical paper cups. W. E. Amberg. 2,563,633, Aug. 7.
Forming shaped fibrin products. J. D. Ferry and P. R. Morrison. 2,576,006, Nov. 20.
Forming shielded conductors. R. E. Walsh. 2,553,690, May 22.

Forming shoe outsoles using a force fit. W. Weidner. 2,563,438, Aug. 7.
Forming sleepers in building construction, Method and apparatus for. C. L. R. Olson. 2,575,678, Nov. 20.
Forming solder pellets, Method of and apparatus for. W. C. Stammer and C. R. Breden. 2,574,357, Nov. 6.
Forming spherical containers. R. J. Branson. 2,579,646, Dec. 25.
Forming stages in fluidized masses. H. M. Schleicher. 2,536,099, Jan. 2.
Forming test specimens of molding sand and the like, Method and apparatus for. H. W. Dietert. 2,561,266, July 27.
Forming thin flexible polyamide articles. O. M. Arnold. 2,562,373, July 31.
Forming threaded die castings. L. H. Morin. 2,579,952, Dec. 25.
Forming tool. R. Sumner. 2,538,284, Jan. 16.
Forming tower with sliding valve. R. Chapman. 2,570,099, Oct. 2.
Forming tubing, Method and machine for. A. E. Chernack. 2,539,814, Jan. 30.
Forming tubular articles from laminated materials, Method of and apparatus for. D. E. and R. W. Hervey. 2,549,810, Apr. 24.
Forming tubular bodies with peripheral projections. R. M. Hill. 2,559,621, July 10.
Forming tubular plastic containers. G. Brunet. 2,562,523, July 31.
Forming turbine rotors. W. N. Martin and J. Y. Riedel. 2,560,973, July 17.
Forming uranium carbide. R. W. Fisher. 2,580,349, Dec. 25.
Forming uranium monocarbide. J. H. Carter and A. H. Daane. 2,569,225, Sept. 25.
Forming valve closures. G. W. Wolcott. 2,544,209, Mar. 6.
Forming wax slabs. S. W. Ferris. 2,553,365, May 15.
Forming webs. L. M. Cotchett. 2,562,891, Aug. 7.
Formaldehyde condensation products of mercapto thiazolines, Production of. M. W. Harman. 2,553,190, May 15.
Formaldehyde conversion. A. F. MacLean and W. E. Heinz. 2,568,016, Sept. 18.
Formaldehyde-dicyandiamide polyhydroxy-propylene-polyamine reaction product. A. Rheiner and H. M. Hemmi. 2,573,489, Oct. 30.
Formaldehyde from oxidation of butane, Production of. H. K. Dice. 2,570,215, Oct. 9.
Formaldehyde purification. J. F. McCants. 2,565,568–9, Aug. 28.
Formaldehyde-urea condensation. O. P. Cohen. 2,561,973, July 24.
Formaldimines and their reaction products. H. D. Hartough. 2,577,191, Dec. 4.
Formyl cyclohexene nitriles and esters. D. T. Warner and O. A. Moe. 2,575,376, Nov. 20.
Formylation of 1,3-dimethyl-4,5-diaminouracil. J. C. Ballantyne. 2,564,351, Aug. 14.
Forward and reverse drive for lathe spindles. L. A. Leifer. 2,573,152, Oct. 30.
Forwarding mechanism for autographic registers. L. F. Hageman and C. J. Manuel. 2,570,799, Oct. 9.
Foundation for garment coats and making the same. P. Cipkar. 2,550,532, Apr. 24.
Foundation front for garments. H. J. Yaghubian. 2,579,894, Dec. 25.
Foundation structure, Adjustable. F. G. Langenberg. 2,540,622, Feb. 6.
Foundation system for structures. M. G. Flores. 2,550,987, May 1.
Foundry system for handling castings. A. E. Moser. 2,554,118, May 22.
Fountain apparatus, Drinking. T. B. Chace. 2,572,244, Oct. 23.
Fountain applicator and dispenser with magnetic valve. W. T. Keeshan. 2,570,955, Oct. 9.
Fountain applicator having sliding sleeve work-operated valve means. H. Murray. 2,547,881, Apr. 3.
Fountain comb. E. H. McCain and C. E. Neal. 2,554,866, May 29.
Fountain comb. S. A. and R. Rypel. 2,577,665, Dec. 4.
Fountain, Drinking. K. E. Beckley. 2,567,177, Sept. 11.
Fountain, Enclosed gravure. H. W. Faeber. 2,579,181, Dec. 18.
Fountain massage device. D. M. Ackerman. 2,565,109, Aug. 21.
Fountain pen desk set. E. B. Harmon. 2,561,923, July 24.
Fountain pen holder. C. J. Beuck. 2,545,540, Mar. 20.
Fountain, Portable. R. J. Pearse. 2,572,379, Oct. 23.
Fountain, Portable drinking. G. H. Andrews. 2,575,936, Nov. 20.
Fountain, Portable drinking. J. R. Hunneman, Jr. 2,543,025, Feb. 27.
Fountain, Poultry water. W. D. Mitchell. 2,573,802, Nov. 6.
Fountain receptacle. P. Powell. 2,565,882, Aug. 28.
Fountain, Sanitary poultry. L. E. Baringer. 2,562,165, July 31.
Fountain, Stock watering. A. F. Klinzing. 2,539,785, Jan. 30.
Fountain stylus, Electrically heated. J. J. Belak. 2,577,721, Dec. 4.
4-amino cardanol. D. Wasserman and S. Caplan. 2,571,091, Oct. 16.
4-amino cardanol as an antioxidant for mineral hydrocarbon oil. D. Wasserman and S. Caplan. 2,571,092, Oct. 16.
4-aminopyrimidines, Producing. A. W. Larchar. 2,540,826, Feb. 6.
4-aminosalicylic acid composition and preparing the same. M. E. Hultquist. 2,552,486, May 8.
4-aminosalicylic acid, Preparing. M. E. Hultquist and F. W. Bagienski. 2,558,298, June 26.
4 aryl-4-aminomethylpiperidine derivatives and their preparation. C. E. Kwartler and P. Lucas. 2,538,107, Jan. 16.
4-aryl-piperidyl-(4)-ketones. K. Miescher and H. Kaegi. 2,551,152, May 1.
4-benzoylresorcinol as an ultraviolet absorbent. E. S. Mackey. 2,568,894, Sept. 25.
4-ethylcyclohexene, Preparation of. O. C. W. Allenby. 2,576,743, Nov. 27.
4,5-diphenyl phthalic anhydrides, Manufacturing. C. F. H. Allen and J. A. Van Allan. 2,537,873, Jan. 9.
4,4-dicarbalkoxybutenals and process. O. A. Moe and D. T. Warner. 2,540,054, Jan. 30.
4,4 - diphenyl - 2,5 - oxazolidinedione. R. Duschinsky. 2,578,293, Dec. 11.
4-hydroxyquinoline compounds, Preparation of. R. C. Elderfield and A. D. Maggiolo. 2,558,211, June 26.
4-hydroxy-2-alkylbenzimidazoles as azo coupling components in diazo types. F. W. Neumann. 2,548,845, Apr. 10.
Four-in-hand tie holder. S. P. Tupy. 2,545,322, Mar. 13.
4-keto-1,3-benzodioxane derivatives. D. T. Mowry. 2,540,988, Feb. 6.
4 methoxyphenyl ester of 4-chlorobenzene sulfonic acid. E. C. Britton and H. R. Slagh. 2,567,839, Sept. 11.
4-nitro-1-aminonaphthalene-5-sulfonic acid, Manufacture of. F. Oesterlein. 2,576,807, Nov. 27.
4 - p - chlorobenzoylaminoanthraquinonebenzacridone. E. Mörgeli and W. Kern. 2,568,966, Sept. 25.
4,6-diketo-5,5-disubstituted pyrimidines and preparing same. W. R. Boon, H. C. Carrington, and C. H. Vasey. 2,576,279. Nov. 27.
4,6-ditertiary-butyl-2-methyl-cyclohexanol. A. C. Whitaker and W. W. Weinrich. 2,574,077, Nov. 6.
4,6,8(9),11 - pregnatetraen - 3,20 - dione, Preparation of. R. H. Levin, G. B. Spero, and J. L. Thompson. 2,577,778, Dec. 11.
4-tertiary-butyl-3-methylphenol, Producing. D. R. Stevens and R. S. Bowman. 2,560,666, July 17.
4-(2′-thienyl)-2-mercaptothiazoles. W. S. Emerson and T. M. Patrick, Jr. 2,563,401, Aug. 7.
4-vinyl-1-cyclohexene and 1,3-butadiene of high purity, Producing. J. C. Hillyer. 2,574,481, Nov. 13.
Four-way valve. J. D. Buchanan. 2,569,598, Oct. 2.
Four-wire to two-wire connecting circuit. E. P. G. Wright, M. van Hasselt, and D. A. Weir. 2,579,530, Dec. 25.
Fourdrinier machine. H. H. Hart. 2,550,192, Apr. 24.
14-hydroxy steroids, Preparing. L. Ruzicka and P. Plattner. 2,555,704, June 5.
Fowl and animal trap. D. D. Roberts. 2,551,903, May 8.
Fowl eviscerating tool. A. J. and D. D. Toti. 2,547,608, Apr. 3.
Fowl picker. F. Hanshaw. 2,578,930, Dec. 18.
Fractional distillation. J. A. Pellettere. 2,553,469, May 15.
Fractional distillation process. J. Hudig. 2,577,617, Dec. 4.
Fractional frequency divider. A. E. Canfora. 2,572,698, Oct. 23.
Fractional separation of air. N. W. Roberts. 2,559,132, July 3.
Fractional separation of sulfonic acids. J. H. Cone and R. V. Comeaux. 2,556,256, June 12.
Fractional solidification process. C. J. Egan. 2,579,421, Dec. 18.
Fractionating apparatus. C. G. Gerhold. 2,545,691, Mar. 20.
Fractionating apparatus. W. A. Shire. 2,575,193, Nov. 13.
Fractionating chlorinated hydrocarbons. C. C. Harvey, C. M. Neher, and J. Dorsky. 2,543,575, Feb. 27.
Fractionating column. C. Pyle. 2,564,078, Aug. 14.
Fractionating tower. H. R. Davis. 2,578,925, Dec. 18.
Fractionation column. T. R. Smith. 2,575,688, Nov. 20.
Fractionation method. E. G. Ragatz. 2,538,947, Jan. 23.
Fractionation of cottonseed. H. L. E. Vix, J. J. Spadaro, E. F. Pollard, E. A. Gastrock, R. M. Persell, and C. H. Murphy, Jr. 2,579,526, Dec. 25.
Fractionation of low molecular weight component mixtures. J. A. Patterson. 2,552,451, May 8.
Fractionation of oleaginous materials. G. H. Palmer. 2,546,132, Mar. 20.
Fractionation of reduced crude oil. B. C. Benedict. 2,558,809, July 3.
Fractionation of tall oil. L. H. Dunlap and C. F. Sievert. 2,565,484, Aug. 28.
Fractionation process. P. H. Deming and M. L. Sagenkahn. 2,577,701, Dec. 4.
Fractionation with adsorbents in a single column. J. K. Small. 2,548,502, Apr. 10.
Fracture board, stretcher, and vibrating seesaw gravity respirator with holding belt, Combination. J. R. Evans. 2,541,225, Feb. 13.

Fractureproofed frangible body and production thereof. M. H. Frisbie and S. P. Morse. 2,541,047, Feb. 13.

Frame: *See*—
- Adjustable hack saw frame.
- Adjustable window frame.
- Adjusting frame.
- Articulated locomotive frame.
- Axminster tube frame.
- Bicycle frame.
- Break joint frame.
- Calculating frame.
- Cold frame.
- Collapsible frame.
- Collapsible office machine frame.
- Combined storm and window frame.
- Conveyer frame.
- Cycle frame.
- Door and window frame.
- Drawing frame.
- Extensible hack saw frame.
- Film holding frame.
- Fire-resistant door frame.
- Foldable awning frame.
- Foldable bed frame.
- Foldable canopy frame.
- Folding awning frame.
- Furnace door frame.
- Furnace register frame.
- Hack saw frame.
- Handbag frame.
- Heddle frame.
- Hopper car door frame.
- Illuminated license plate frame.
- Illuminated picture frame.
- Interchangeable lens frame.
- Invisibly hinged handbag frame.
- Knockdown shipping frame.
- Laterally adjustable bed frame.
- Load bracing frame.
- Machine frame.
- Metal screen frame.
- Metal window sash frame.
- Mirrored picture frame.
- Motor vehicle frame.
- Needlework frame.
- Photograph frame.
- Photographic film handling and drying frame.
- Picture frame.
- Quilting frame.
- Railway truck frame.
- Sash frame.
- Saw frame.
- Screen frame.
- Sectional warping frame.
- Shoulder frame.
- Silk screen stencil frame.
- Soap molding frame.
- Spectacle frame.
- Spudding tower head frame.
- Stencil screen frame.
- Storm door frame.
- Swing frame.
- Underslung tire carrying frame.
- Universal formed metal door frame.
- Utility frame.
- Vehicle frame.
- Window frame.
- Window screen frame.
- Yarn winding frame.

Frame. W. Rambow. 2,568,899, Sept. 25.

Frame. H. H. Voege. 2,546,802, Mar. 27.

Frame actuating device for use with electric switches and the like, Warpable. L. K. Davis. 2,545,264, Mar. 13.

Frame and back rest support for chairs, Combined. D. A. Wallance. 2,558,022, June 26.

Frame and beneficiating reagent receptacle, Combination sheet-containing. L. D. Benedict. 2,550,954, May 1.

Frame and control therefor, Planter. E. A. and W. E. Nehring. 2,546,231, Mar. 27.

Frame and engine supports for clutch control mechanism. J. A. Hausmann and E. T. Riedy. 2,569,633, Oct. 2.

Frame and mounting therefor, Sink. W. L. Bonnell. 2,549,415, Apr. 17.

Frame and panel construction. P. E. Metts. 2,554,915, May 29.

Frame and trunk selection. R. E. Hersey. 2,573,569, Oct. 30.

Frame assembly, Window. V. Van Fleet. 2,565,747, Aug. 28.

Frame attachment, Fork truck lift. L. A. Richardson. 2,558,388, June 26.

Frame changing structure in projectors using film strip. W. G. J. Vaughn. 2,567,499, Sept. 11.

Frame connector. W. G. Roeder. 2,540,995, Feb. 6.

Frame construction, Eyeglass. C. Castelli. 2,553,496, May 15.

Frame construction for folding carriages. W. C. Troendle. 2,576,706, Nov. 27.

Frame construction for turbojet engines. C. N. Lawter. 2,576,762, Nov. 27.

Frame construction, Garment bag. B. Corwin. 2,554,483, May 29.

Frame for aerial delivery of cargo and vehicles, Shock absorbing crash. J. L. Hight. 2,557,105, June 19.

Frame for assembling and shipping a refrigeration unit. C. B. O'Neill. 2,542,563, Feb. 20.

Frame for assisting in designing and measuring lamp shades. V. M. Harlow. 2,575,625, Nov. 20.

Frame for Axminster looms, Tube. O. V. Payne. 2,544,434, Mar. 6.

Frame for conversion of truck to bus chassis, Adapter. N. O. Panzegrau and R. T. Hendrickson. 2,555,556, June 5.

Frame for coupling two tractors in laterally spaced relation and for mounting the tractor controls thereon. R. N. Anderson. 2,551,231, May 1.

Frame for eyeglasses, Ornamental. S. Meddoff. 2,566,236, Aug. 28.

Frame for ladies' handbags and the like. J. Wachs. 2,572,683, Oct. 23.

Frame for letter blocks. J. F. Murphy. 2,561,813, July 24.

Frame for optical mirrors. M. Engelmann. 2,559,290, July 3.

Frame for rucksacks, Carrying E. Bergsland. 2,560,406, July 10.

Frame for shelves, Suspension. O. H. Lundqvist. 2,560,880, July 17.

Frame for supporting juxtaposed endless belt conveyers. J. C. and W. H. Johnson. 2,569,673, Oct. 2.

Frame for table games. J. P. Haskell. 2,540,729, Feb. 6.

Frame for the assembly, repair, and cleaning of motor cars, Lifting. L. N. Thurzó. 2,576,426, Nov. 27.

Frame for truck body covers, Supporting. J. H. Turner. 2,565,746, Aug. 28.

Frame for two or three wheeled vehicles. B. G. Falchetto. 2,545,142, Mar. 13.

Frame for use in silk screen printing, Adjustable screen. J. E. Freeborn. 2,565,218, Aug. 21.

Frame for utility baskets, Collapsible. W. Ernst and F. E. Bonner. 2,544,074, Mar. 6.

Frame for vertical piston engines. M. F. Meinertz. 2,578,079, Dec. 11.

Frame for vertically swinging conveyers. O. E. Smith. 2,561,997, July 24.

Frame for windows, Structural. J. H. Harward. 2,546,187, Mar. 27.

Frame locked by slidable handle, Luggage. L. Stein. 2,545,501, Mar. 20.

Frame or receptacle, Folding. J. S. Orovig. 2,539,966, Jan. 30.

Frame squaring and nailing machine, Combined. S. P. Hovey. 2,544,499, Mar. 6.

Frame straightening and/or truing apparatus. S. W. Gingrich and R. J. Gross. 2,563,527, Aug. 7.

Frame structure and support therefor. W. E. Vogel. 2,546,530, Mar. 27.

Frame support and drive means for printing machines. W. F. Huck and A. Stobb. 2,549,813, Apr. 24.

Frame supporting device. V. W. Herz. 2,550,926, May 1.

Frame to receive glass or the like. A. H. Gallagher. 2,562,489, July 31.

Frame with nonmetallic parts on rims, Spectacle. R. F. E. Stegeman. 2,577,380, Dec. 4.

Framework for buildings. H. H. Herd. 2,575,758, Nov. 20.

Framing cant hook. N. J. Davis. 2,539,231, Jan. 23.

Free center for the tailstock of a lathe. J. W. Lee. 2,549,613, Apr. 17.

Free piston engine. M. Kahr and V. R. Noll. 2,560,449, July 10.

Free piston for use in eduction pipes of apparatus for raising liquid in wells. N. F. Brown. 2,555,112, May 29.

Free piston unit assembly. R. N. Wallace. 2,578,162, Dec. 11.

Free radical addition of H_2S to olefins. P. S. Pinkney. 2,551,813, May 8.

Free-tripping overload switch. A. W. Krieger. 2,556,197, June 12.

Freezable self-sustaining body of silica gel and making the same. E. O. Sears. 2,574,763, Nov. 13.

Freeze dehydration of liquid bearing substances. E. P. Wenzelberger. 2,559,204, July 3.

Freeze dehydration of liquid substances. E. P. Wenzelberger. 2,559,205, July 3.

Freezer. W. D. Houston. 2,544,162, Mar. 6.

Freezer. L. S. Maranz. 2,558,449, June 26.

Freezer and dispenser, Ice cream and frozen confection. A. J. Tacchella. 2,559,032, July 3.

Freezer, Confection. C. M. Fitzgibbon. 2,541,228, Feb. 13.

Freezer, Ice-cream. N. E. Gaddini. 2,541,814, Feb. 13.

Freezer, Ice-cream. M. A. Rollman. 2,577,916, Dec. 11.

Freezer, Ice-cream. A. H. Wakeman. 2,538,716, Jan. 16.

Freezer, Ice-cream. D. C. Williams. 2,568,839, Sept. 25.

Freezer, Ice-cube. I. T. Erickson. 2,559,414, July 3.

Freezer, Tunnel. H. W. Kleist. 2,570,250, Oct. 9.

Freezing apparatus, Automatic. V. C. Patterson. 2,538,734, Jan. 16.

Freezing compartment structure. W. G. Kögel. 2,566,340, Sept. 4.

Freezing food. W. L. Morrison. 2,555,502, June 5.

Freezing foods, Method of and apparatus for. J. H. Stansbury. 2,550,615, Apr. 24.

Freezing tray and operating same, Mechanical. H. D. Gever. 2,576,591, Nov. 27.

Frozen concentrated fruit juices, Making. R. K. Eskew, R. P. Homiller, and G. W. M. Phillips. 2,573,699, Nov. 6.

Frozen confection and making the same. H. C. Gibson. 2,570,031, Oct. 2.

Frozen confection apparatus. D. L. Perlman. 2,579,696, Dec. 25.

Frozen confections, Method and apparatus for preparing. E. F. Burton. 2,557,813, June 19.

Frozen food container. L. R. Inwood. 2,550,815, May 1.

Frozen food container. D. G. Magill and R. P. Bigger. 2,561,391, July 24.

Frozen food thawing indicator. S. Hoffman. 2,553,369, May 15.

Freight bracing. S. M. Nampa. 2,563,799, Aug. 7.

Freight loading apparatus. S. M. Nampa. 2,546,929, Mar. 27.

Freight securing means, Adjustable. P. H. Thearle. 2,576,425, Nov. 27.

Frequency-adjustable seismic wave detector. D. H. Clewell. 2,562,983, Aug. 7.

Frequency analyzer. J. A. Rajchman. 2,570,858, Oct. 9.

Frequency and direction selective high-frequency transmission line apparatus. R. H. Varian. 2,566,386, Sept. 4.

Frequency change indicator. T. E. Lynch. 2,566,222, Aug. 28.

Frequency changer. L. G. Erickson. 2,554,778, May 29.
Frequency changing circuit. K. E. Appert. 2,545,250, Mar. 13.
Frequency control. R. R. Law, 2,537,769, Jan. 9.
Frequency control apparatus. D. S. Pensyl. 2,562,943, Aug. 7.
Frequency control for television receivers, Automatic. J. Green. 2,553,368, May 15.
Frequency control system. L. W. Buechler. 2,558,729, July 3.
Frequency control system. O. L. MacSorley. 2,558,448, June 26.
Frequency control system, Automatic. J. B. Maggio. 2,541,259, Feb. 13.
Frequency control system for receivers. W. L. Gensel. 2,564,059, Aug. 14.
Frequency controller. R. H. Ranger. 2,540,139, Feb. 6.
Frequency converter and oscillator circuit. A. J. Torre and L. R. Kirkwood. 2,580,051, Dec. 25.
Frequency converter comprising piezoelectric crystal stabilization. H. Goldberg. 2,562,311, July 31.
Frequency converter employing a directional coupling circuit. A. G. Thompson. 2,576,979, Dec. 4.
Frequency converter with impedance matched output. F. H. Scheer and W. S. Winfield. 2,568,416, Sept. 18.
Frequency converter with plural selectable oscillators. R. B. Dome. 2,569,296, Sept. 25.
Frequency determination. W. J. Finney. 2,574,470, Nov. 13.
Frequency discriminator. R. C. Butman. 2,563,816, Aug. 14.
Frequency discriminator. S. I. Rambo. 2,539,204, Jan. 23.
Frequency discriminator. B. J. van Hardenberg. 2,570,013, Oct. 2.
Frequency discriminator, Broad band. H. Chireix. 2,558,604, June 26.
Frequency discriminator, Electric. C. W. Earp. 2,567,194, Sept. 11.
Frequency distinguishing device. L. W. Boothby. 2,546,147, Mar. 27.
Frequency divider. J. B. Atwood. 2,562,228, July 31.
Frequency divider. W. Brown and E. H. Schoenfeld. 2,538,278, Jan. 16.
Frequency divider. J. A. Buckbee. 2,562,889, Aug. 7.
Frequency divider. G. K. Jensen. 2,563,841, Aug. 14.
Frequency divider. L. Y. Lacy. 2,573,150, Oct. 30.
Frequency divider. E. Norrman. 2,568,510, Sept. 18.
Frequency divider. C. M. Russell, K. R. Symon, and R. C. Padesky. 2,562,952, Aug. 7.
Frequency divider. S. W. Seeley. 2,538,277, Jan. 16.
Frequency dividing apparatus. I. J. P. James. 2,538,250, Jan. 16.
Frequency division for television systems. R. W. Elbourn and L. R. J. Johnson. 2,576,676, Nov. 27.
Frequency indicator. A. E. Hastings. 2,577,758, Dec. 11.
Frequency measuring apparatus. B. Secker. 2,559,680, July 10.
Frequency measuring device. F. G. Brockman. 2,576,900, Nov. 27.
Frequency measuring system. H. O. Peterson. 2,539,673, Jan. 30.
Frequency meter. D. Weighton. 2,572,788, Oct. 23.
Frequency modulated printing. J. I. Heller. 2,564,973, Aug. 21.
Frequency-modulated wave generator. H. Chireix. 2,550,772, May 1.
Frequency modulated wave generator. J. L. Delvaux. 2,552,157, May 8.
Frequency modulation. O. E. De Lange and W. M. Goodall. 2,566,405, Sept. 4.
Frequency modulation. G. Hepp. 2,539,952, Jan. 30.
Frequency modulation. E. Labin. 2,557,979, June 26.
Frequency modulation circuit. J. A. Rankin, W. R. Alexander, and H. B. Deal. 2,573,274, Oct. 30.
Frequency-modulation demodulator system. J. A. Worcester, Jr. 2,580,261, Dec. 25.
Frequency modulation detector. R. B. Dome. 2,539,818, Jan. 30.
Frequency modulation detector. W. M. Goodall. 2,576,833, Nov. 27.
Frequency modulation detector. E. L. C. White. 2,560,378, July 10.
Frequency modulation detector circuit. J. F. Wilcox. 2,550,510, Apr. 24.
Frequency modulation device. R. D. Hickok and W. A. Weiss. 2,551,561, May 1.
Frequency modulation ratio detector. B. Amos. 2,572,424, Oct. 23.
Frequency modulation receiver. W. F. Sands. 2,539,637, Jan. 30.
Frequency modulation system. K. R. MacKenzie. 2,545,623, Mar. 20.
Frequency modulation transformer loading circuit. W. R. Koch. 2,561,058, July 17.
Frequency modulator. B. E. Lenehan. 2,579,590, Dec. 25.
Frequency modulator. C. J. Madsen. 2,561,989, July 24.
Frequency monitoring and indicating system. W. L. Garfield. 2,561,357, July 24.
Frequency multiplier. C. A. E. Beurtheret. 2,536,794, Jan. 2.
Frequency response controlling means. F. H. Gardner. 2,579,069, Dec. 18.
Frequency responsive apparatus. P. F. Desch. 2,542,638, Feb. 20.
Frequency responsive device. E. T. Jaynes. 2,541,067, Feb. 13.
Frequency selective circuit. B. M. Hadfield. 2,569,000, Sept. 25.
Frequency shift diversity transmission system. H. O. Peterson. 2,568,408, Sept. 18.
Frequency-shift keying system. E. W. Pappenfus. 2,572,512, Oct. 23.
Frequency shift signaling. H. O. Peterson. 2,548,814, Apr. 10.
Frequency stabilization of magnetrons. W. M. Preston. 2,548,816, Apr. 10.
Frequency-stabilization of oscillators. L. E. Norton. 2,560,365, July 10.
Frequency stabilization system. S. I. Rambo and R. L. Rumpf, Jr. 2,542,837, Feb. 20.
Frequency stabilized phase shifting network. H. N. Bowes. 2,576,499, Nov. 27.
Frequency stabilizer. S. I. Rambo. 2,558,100, June 26.
Frequency stabilizing device for high-frequency oscillator. M. Denis. 2,565,842, Aug. 28.
Frequency-stabilizing method and system. W. D. Hershberger. 2,559,719, July 10.
Frequency stabilizing system. W. D. Hershberger. 2,555,131, May 29.
Frequency standard. W. O. Bennett, Jr., and F. Koehler. 2,564,636, Aug. 14.
Fresh flower holder. G. Stromer. 2,567,583, Sept. 11.
Friction brake. A. H. Titus. 2,541,445, Feb. 13.
Friction-cap remover, Plier type. B. H. Stewart. 2,570,881, Oct. 9.
Friction cleanser, Smooth-grip. R. W. Westfall and R. E. Lenihan. 2,560,055, July 10.
Friction device. R. W. Brown. 2,537,629, Jan. 9.
Friction devices for stenographic typewriter platens. H. M. Von Duyke. 2,561,453, July 24.
Friction disk. G. Walters. 2,555,260, May 29.
Friction disk, Cooled. H. J. Butler. 2,555,183, May 29.
Friction drag for windows. E. J. Foote. 2,546,735, Mar. 27.
Friction drive. A. G. Gifford. 2,572,718, Oct. 23.
Friction drive. M. Kaplowitz. 2,540,738, Feb. 6.
Friction drive. E. Wildhaber. 2,563,895, Aug. 14.
Friction drive, Adjustable. E. Wildhaber. 2,563,896, Aug. 14.
Friction drive for hoisting apparatus. J. Torok. 2,538,061, Jan. 16.
Friction drive for tumbling apparatus. H. F. Gorsuch. 2,552,849, May 15.
Friction element bonding film. W. J. Nanfeldt. 2,560,033, July 10.
Friction element, Rotatable. J. C. McCune. 2,553,828, May 22.
Friction gear. A. Buchi. 2,577,180, Dec. 4.
Friction gearing with an adjustable gearing ratio. L.-W. Schmidt. 2,570,493, Oct. 9.
Friction generator. W. L. Meier. 2,539,371, Jan. 23.
Friction generator. J. Roudaut. 2,572,765, Oct. 23.
Friction generator. J. Roudaut. 2,577,542, Dec. 4.
Friction grip for flexible lines. W. M. Husson. 2,547,469, Apr. 3.
Friction holding and sealing means for direct cranking engine starters and the like. C. S. Metsger. 2,540,208, Feb. 6.
Friction material. H. W. Schultz. 2,553,215, May 15.
Friction material. H. W. Schultz. 2,569,539, Oct. 2.
Friction material, Making. R. W. Brown. 2,560,024, July 10.
Friction nut. R. R. Amesbury. 2,560,518, July 10.
Friction plug closure. R. S. Condon and A. G. Hatch. 2,575,490, Nov. 20.
Friction shock absorber for railway car truck springs. R. J. Olander. 2,559,731, July 10.
Friction shock absorber for railway car trucks. V. S. Danielson. 2,536,264, Jan. 2.
Friction shock absorber for railway car trucks. G. E. Dath. 2,541,212, Feb. 13.
Friction shock absorber for truck springs of railway cars. G. E. Dath. 2,537,261, Jan. 9.
Friction shock absorbing mechanism. G. E. Dath. 2,554,561, May 29.
Friction shock absorbing mechanism. A. E. Dentler. 2,574,629, Nov. 13.
Friction shock absorbing mechanism. K. Williams. 2,540,561, Feb. 6.
Friction shock absorbing mechanism for railway draft riggings. V. S. Danielson. 2,555,398, June 5.
Friction shock absorbing mechanism for railway draft riggings. G. E. Dath. 2,540,324, Feb. 6.
Friction shock absorbing mechanism for railway draft riggings. G. E. Dath. 2,555,399, June 5.
Friction shock absorbing mechanism for railway draft riggings. A. P. Withall. 2,555,431, June 5.
Friction shock absorbing mechanisms. A. E. Dentler. 2,571,220, Oct. 16.
Friction slide fastener. J. M. Schaye. 2,575,187, Nov. 13.
Friction snubber for railway car truck springs. W. E. Withall. 2,554,606, May 29.
Friction snubber for railway car trucks. G. E. Dath. 2,565,650, Aug. 28.
Friction speed gear. A. Giorgi. 2,555,079, May 29.

Friction wedge for railway car trucks. C. B. Shaw. 2,564,346, Aug. 14.
Friedel-Crafts double salt catalyst. D. W. Young. 2,542,610, Feb. 20.
Friedel-Crafts metal halide-ether complexes as polymerization catalysts. R. W. Dornte. 2,559,062, July 3.
Friedel-Crafts treatment of unsaturated polymers. J. D. Garber. 2,560,164, July 10.
Fryer, Automatic deep. C. C. Martin. 2,546,464, Mar. 27.
Fryer, Deep fat. F. A. Anetsberger. 2,570,628, Oct. 9.
Fryer for tostadas, Tortilla. J. P. Pompa. 2,545,897, Mar. 20.
Fryer, French. K. E. Bemis. 2,550,758, May 1.
Frying pan cover. J. S. Jardim. 2,568,637, Sept. 18.
Frit compositions for vitreous enamels. M. D. Beals and L. R. Blair. 2,576,916, Dec. 4.
Frog feeder. L. R. Edwards. 2,555,437, June 5.
Front actuating means for alarm clock signals. E. Bourquin. 2,562,293, July 31.
Front axle suspension assembly. R. L. Camilly and O. F. Quartullo. 2,553,746, May 22.
Front edge detector mechanism for use in sheet feeding apparatus. G. W. Tebbs. 2,579,406, Dec. 18.
Front end assembly for tractors. G. May. 2,573,040, Oct. 30.
Front end for excavating machines. T. O. Davidson. 2,569,458, Oct. 2.
Front-feed device. W. A. Anderson. 2,536,524, Jan. 2.
Front-feed mechanism. W. A. Anderson. 2,536,525, Jan. 2.
Front mounted lamp holder. W. R. Young. 2,573,529, Oct. 30.
Front sight for firearms. A. Jacobs. 2,566,207, Aug. 28.
Front wheel axle mounting. C. Gerst. 2,562,542, July 31.
Froth flotation apparatus. P. M. Payne. 2,577,802, Dec. 11.
Froth flotation of ferruginous impurities from finely divided granite rock. J. B. Duke. 2,578,790, Dec. 18.
Froth flotation of ores in the presence of an α,α-dialkylarylmethyl hydroperoxide. W. T. Bishop, E. J. Lorand, and J. E. Reese. 2,545,132, Mar. 13.
Froth flotation of siliceous impurities from cellulose. A. Langmeier. 2,576,464, Nov. 27.
Frothed rubber sponge containing fibers. H. J. Osterhof and T. H. Rogers, Jr. 2,568,866, Sept. 25.
Fruit cleaning machine. R. E. Ramont. 2,578,944, Dec. 18.
Fruit composition and preparing the same, Thickened. A. C. Edgar and O. J. Pickens. 2,563,996, Aug. 14.
Fruit concentrates, Preparation of full flavored. R. P. Homiller and N. H. Eisenhardt. 2,572,846, Oct. 30.
Fruit flavors and the resulting product, Preparation of. J. Bartels. 2,578,915, Dec. 18.
Fruit handling method and apparatus. R. Polk, Sr., and R. Polk, Jr. 2,538,591, Jan. 16.
Fruit juice extractor. D. C. Comotto. 2,579,032, Dec. 18.
Fruit juice extractor. A. H. de Rocher. 2,556,996, June 12.
Fruit juice extractor. Z. Karp and M. Koffler. 2,574,922, Nov. 13.
Fruit juice extractor. F. Mladinich. 2,551,153, May 1.
Fruit juice machine. A. Elterman and H. P. Peshkin. 2,560,096, July 10.
Fruit orienting device. P. Wormser. 2,563,443, Aug. 7.
Fruit picking device. F. Denman. 2,545,072, Mar. 13.
Fruit-stemming mechanism. L. Aker. 2,552,613, May 15.
Fruits and making the same, Dietetic canned. C. A. Weast. 2,536,970, Jan. 2.
Fuel. R. H. Churchill. 2,547,691, Apr. 3.
Fuel and air diffuser burner. R. C. Brierly. 2,559,589, July 10.
Fuel and air mixtures for internal-combustion motors, Preparing. G. Nemnich. 2,555,200, May 29.
Fuel and water system. S. S. Fox. 2,548,150, Apr. 10.
Fuel burner. D. C. Breault. 2,546,967, Apr. 3.
Fuel burner, atomizing type, Liquid. F. W. Ofeldt. 2,546,402, Mar. 27.
Fuel burner ignition system, Fluid. A. J. Turpin and M. J. Parker. 2,562,834, July 31.
Fuel burner safety control system. J. M. Wilson. 2,537,291, Jan. 9.
Fuel burner with nondribble tip valve, Liquid. J. R. Joyce. 2,579,004, Dec. 18.
Fuel burner with oil precirculation, Liquid. J. R. Joyce. 2,579,829, Dec. 25.
Fuel burning method and burner. L. C. Simmons. 2,566,040, Aug. 28.
Fuel charge for internal-combustion engines. A. T. Colwell and M. S. Roush. 2,563,101, Aug. 7.
Fuel combustion furnace. W. B. Levis. 2,553,713, May 22.
Fuel composition. A. E. Lacomble. 2,573,579, Oct. 30.
Fuel composition. W. A. Schulze and J. E. Mahan. 2,560,602, July 17.
Fuel composition. W. A. Schulze and J. E. Mahan. 2,560,898, July 17.
Fuel compositions. A. J. Revukas. 2,570,377, Oct. 9.
Fuel compositions and their preparation. J. A. Southern, L. J. Roth, F. L. Licata, and J. Cunder. 2,570,990, Oct. 9.
Fuel control device for internal-combustion engines. J. A. Grant. 2,558,843, July 3.
Fuel control device, Multiburner. W. A. Biermann and L. V. McCarty. 2,549,413, Apr. 17.
Fuel control means, Liquid. E. A. Watson and R. J. Ifield. 2,567,500, Sept. 11.
Fuel control responsive to air pressure and temperature, speed, and fuel flow for gas turbines, Acceleration. W. S. Bobier, Jr., and W. H. Cowles. 2,557,526, June 19.
Fuel control system for turbojet engines. E. M. Redding. 2,566,373, Sept. 4.
Fuel control system for turbo power-plants. N. C. Price. 2,570,591, Oct. 9.
Fuel control system, Time-controlled, temperature-responsive. I. Kramer and J. Rowe. 2,569,530, Oct. 2.
Fuel distributing valve. L. S. Greenland. 2,536,440, Jan. 2.
Fuel economizer. L. S. Troy. 2,556,405, June 12.
Fuel economizer and air cleaner for motor vehicles. E. Smith, S. Naylor, and H. J. Maw. 2,540,695, Feb. 6.
Fuel feeding and premixing apparatus for combustion chambers. R. H. Goddard. 2,540,666, Feb. 6.
Fuel feeding apparatus for gas-driven turbines. J. L. Malone and M. McKinnell. 2,560,118, July 10.
Fuel feeding control for gas turbines responsive to fuel flow, temperature, and acceleration. G. M. Holley, Jr. 2,564,107, Aug. 14.
Fuel feeding control means responsive to air blower pressure. A. K. Foulds. 2,561,106, July 17.
Fuel feeding device. F. F. Kishline. 2,563,939, Aug. 14.
Fuel feeding mechanism for detonating combustion apparatus. R. H. Goddard. 2,563,022, Aug. 7.
Fuel feeding system for internal-combustion engines. P. T. Nims. 2,578,147, Dec. 11.
Fuel flow control device. R. W. Johnson. 2,552,632, May 15.
Fuel flow control responsive to turbine inlet temperature and speed for coal burning gas turbines. H. C. May and E. E. Hewitt. 2,568,127, Sept. 18.
Fuel for automobile type marine engines, Safety. W. C. Howell, Jr. 2,575,275, Nov. 13.
Fuel gas from natural gasoline and straight run gasoline, Making. C. G. Milbourne. 2,568,351, Sept. 18.
Fuel governor for jet engines. R. A. Neal. 2,576,352, Nov. 27.
Fuel injection apparatus. A. T. Bremser. 2,564,830, Aug. 21.
Fuel injection apparatus. H. T. Pyk and H. G. Camner. 2,537,087, Jan. 9.
Fuel injection arrangements in internal-combustion engines. O. Petersen. 2,537,371, Jan. 9.
Fuel injection carburetor. C. Griffon. 2,580,294, Dec. 25.
Fuel injection device. W. B. Smits. 2,572,209, Oct. 23.
Fuel injection engine. C. N. Guerasimoff. 2,577,518, Dec. 4.
Fuel injection for internal-combustion engines. K. J. Fleck and H. H. Wagner. 2,565,681, Aug. 28.
Fuel injection mechanism. L. E. Johnson. 2,560,799, July 17.
Fuel injection pump. D. J. Deschamps. 2,567,367. Sept. 11.
Fuel injection pump. J. Dickson and K. L. Hulsing. 2,569,233, Sept. 25.
Fuel injection pump. J. Dickson and K. L. Hulsing. 2,576,451, Nov. 27.
Fuel injection pump. J. W. Hatch. 2,575,955, Nov. 20.
Fuel injection pump. S. O. Jakobsen. 2,573,792, Nov. 6.
Fuel injection pump. W. E. Meyer. 2,544,561, Mar. 6.
Fuel injection pump. C. W. Truxell, Jr. 2,571,501, Oct. 16.
Fuel injection pump mechanism. L. E. Johnson. 2,545,664, Mar. 20.
Fuel injection system. B. G. Parsons. 2,576,694, Nov. 27.
Fuel injection system. H. G. Spier. 2,539,798, Jan. 30.
Fuel injection system and apparatus. C. H. Nystrom. 2,540,755, Feb. 6.
Fuel injector. J. Dickson. 2,572,118, Oct. 23.
Fuel injector. L. O. French. 2,552,776-8, May 15.
Fuel injector. E. P. Larsh. 2,573,344, Oct. 30.
Fuel injector for Diesel engines. H. I. Smith. 2,541,443, Feb. 13.
Fuel injector for rocket devices. E. A. Maynor. 2,575,824, Nov. 20.
Fuel injector mechanism. G. M. Rogers. 2,547,174, Apr. 3.
Fuel, Liquid burning. G. A. Rieke. 2,564,504, Aug. 14.
Fuel mileage tester. W. S. Compton. 2,550,227, Apr. 24.
Fuel mixing apparatus. R. E. Coe. 2,536,678, Jan. 2.
Fuel mixing chamber. J. P. Harrison. 2,543,105, Feb. 27.
Fuel mixture for internal-combustion engines. E. J. Drouilly. 2,559,605, July 10.
Fuel mixture supply apparatus. S. Fenari. 2,564,253, Aug. 14.
Fuel modifying device for internal-combustion engines. S. A. Harris. 2,549,598, Apr. 17.
Fuel nozzle, Air assisted. L. E. Berggren, H. E. Gille, and W. F. Smith. 2,566,788, Sept. 4.
Fuel oil composition. J. B. R. Caron, E. B. Glendenning, and C. Wies. 2,548,347, Apr. 10.
Fuel oil composition. J. B. R. Caron, E. B. Glendenning, and C. Wies. 2,575,003, Nov. 13.
Fuel oil composition. J. B. R. Caron, C. Wies, and E. B. Glendenning. 2,553,183, May 15.
Fuel oil filler and vent unit. G. H. Dean. 2,564,962, Aug. 21.

Fuel oil filter. W. V. Czarnecki, Jr., and C. M. Czarnecki. 2,554,016, May 22.
Fuel oil, Nonclogging distillate. C. Wies, J. B. R. Caron, and E. B. Glendenning. 2,579,890, Dec. 25.
Fuel oil space heater. R. C. Dansel. 2,570,049, Oct. 2.
Fuel oils for gas turbine engines and making same. D. A. Howes. 2,546,125, Mar. 20.
Fuel pump. G. M. Rogers. 2,551,053, May 1.
Fuel pump. V. D. Roosa. 2,538,982, Jan. 23.
Fuel pump. W. D. Smith. 2,537,241, Jan. 9.
Fuel pump. C. W. Van Ranst and W. D. Smith. 2,576,894, Nov. 27.
Fuel pump. H. J. Welch. 2,548,640, Apr. 10.
Fuel pump apparatus and method. F. S. Thomas, Jr. 2,579,023, Dec. 18.
Fuel pump control for gas turbine responsive to intake air pressure and temperature. D. L. Mordell and J. B. Holliday. 2,538,582, Jan. 16.
Fuel pump mounting. A. C. Korte. 2,547,761, Apr. 3.
Fuel receiving and conveying apparatus. E. Martin. 2,575,023, Nov. 13.
Fuel-saving hot-air furnace. A. E. McClure. 2,570,580, Oct. 9.
Fuel selector switch. C. H. Flubacker. 2,539,347, Jan. 23.
Fuel servicing system for aircraft, Continuous flow single point. D. Samiran. 2,556,221, June 12.
Fuel shutoff. W. E. Proctor. 2,572,195, Oct. 23.
Fuel, Solid. J. A. Grand and R. R. Miller. 2,555,333, June 5.
Full stroke mechanism for calculating machines. W. J. Higgins. 2,539,906, Jan. 30.
Fuel, Supplementary. C. H. Van Hartesveldt. 2,543,514, Feb. 27.
Fuel supply device, Liquid. R. W. Johnson. 2,552,633, May 15.
Fuel supply system for internal-combustion engines. L. C. Parker. 2,576,853, Nov. 27.
Fuel system, Airplane. L. L. Aspelin. 2,547,246, Apr. 3.
Fuel system for heaters. E. J. Bodensieck. 2,567,143, Sept. 4.
Fuel system for internal-combustion engines. M. L. Blakeslee. 2,562,656, July 31.
Fuel tank. W. E. Atwood and R. L. Holland. 2,576,555, Nov. 27.
Fuel tank assembly, Vehicle. F. Prior. 2,569,493–4, Oct. 4.
Fuel tank vent valve. B. P. Baker and L. J. Lyons. 2,544,820, Mar. 13.
Fuel, Thermally stabilized. J. A. Hannum. 2,542,193, Feb. 20.
Fuel trap for combustion apparatus of gas turbine engines. T. H. Boosinger. 2,578,501, Dec. 11.
Fuel unit, Self-kindling. W. R. Lammersen. 2,548,379, Apr. 10.
Fuel weighing device, Electrical. L. E. Ellison. 2,571,695, Oct. 16.
Fueling apparatus, Airport. J. G. Dahlem. 2,544,917, Mar. 13.
Fueling mechanism, Airport. S. Hinds. 2,556,425, June 12.
Fueling system, Airplane. A. J. Granberg. 2,537,266, Jan. 9.
Fuels, Aviation or motor. D. A. Howes, T. Tait, P. Docksey, S. F. Birch, and W. A. Partridge. 2,576,071, Nov. 20.
Fugitive one mechanism for typwriting and accounting machines. O. J. Sundstrand. 2,573,508, Oct. 30.
Fulcrum for adjustable and pivotal outer wrench jaws, Rocking. O. A. Capra. 2,555,395, June 5.
Fulcrum type ignition contact breaker. F. J. Hooven. 2,559,568, July 3.
Full-floating holder. M. L. Benjamin and F. E. Winnen. 2,547,518, Apr. 3.
Full-stroke mechanism. E. K. Grip. 2,558,950, July 3.
Full-wave rectifier. B. P. De Lany. 2,555,843, June 5.
Fully cured olive brine treated food glyceride oils and producing same. S. Musher. 2,554,870, May 29.
Fully separable slide fastener. A. Bashover. 2,553,230, May 15.
Fumaric acid, Production of. S. M. Spatz. 2,548,687, Apr. 10.
Fume and vapor control for cleansing tanks. R. S. Sperry and C. Rietdyke. 2,544,769, Mar. 13.
Fume exhaust manifold. W. van Guilder. 2,573,290, Oct. 30.
Fumigant composition of activated silica gel and dihaloalkene. J. E. Johnson, Jr., and D. R. Mussell. 2,547,822, Apr. 3.
Fumigating compositions. J. Taylor, J. M. Holm, and A. C. Hutchison. 2,578,858, Dec. 18.
Fumigating package. C. C. Yent. 2,551,406, May 1.
Fumigation process. E. M. Owen. 2,562,870, July 31.
Fumigation with 1,1-difluoroethylfluosulfonates. J. D. Calfee. 2,570,917, Oct. 9.
Function control mechanism. E. F. Britten, Jr. 2,546,884, Mar. 27.
Functional derivatives of polyvinylic copolymers, Manufacture of. J. Bisch and X. Thiesse. 2,547,618, Apr. 3.
Fungi and bacteria resistant polyvinyl chloride compositions. W. E. Field. 2,567,905, Sept. 11.
Fungi and bacteria resistant polyvinyl chloride compositions. R. W. Malone, Jr. 2,567,910, Sept. 11.
Fungicidal aluminum leafing pigment. F. B. Rethwisch and G. M. Babcock. 2,562,062, July 24.
Fungicidal basic berthollide and using same. F. R. Whaley. 2,573,739, Nov. 6.
Fungicidal composition. M. W. Swaney and A. R. Kittleson. 2,541,678, Feb. 13.
Fungicidal composition for treating the human skin. J. A. Wyman. 2,576,987, Dec. 4.
Fungicidal compositions. C. N. Smith, F. R. Whaley, and R. H. Wellman. 2,573,738, Nov. 6.
Fungicidal compositions comprising N,N′-bis (4-nitrosophenyl) piperazine. M. W. Swaney and S. B. Lippincott. 2,545,176, Mar. 13.
Fungicidal compositions containing alkylcyclohexylmethylpyridine. F. E. Cislak. 2,564,249, Aug. 14.
Fungicidal compositions containing hexachlorocyclopentadiene. H. L. Yowell. 2,548,509, Apr. 10.
Fungicidal compositions containing nitro-methanal phenyl hydrozones. A. R. Kittleson and M. W. Swaney. 2,548,480, Apr. 10.
Fungicidal emulsion comprising a copper salt of an alkylated phenoxy acetic acid. A. J. Shmidl. 2,580,048, Dec. 25.
Fungicidal nicotinium salt compositions. L. Weil, C. F. Woodward, F. L. Howard, and H. L. Keil. 2,541,138, Feb. 13.
Fungicidal preparation utilizing magnesium hydroxide, Preparing a. A. M. Thomsen. 2,576,731, Nov. 27.
Fungicidal treatment. D. T. Mowry and R. R. Morner. 2,537,691, Jan. 9.
Fungicidal treatment. D. T. Mowry and N. R. Piesbergen. 2,537,690, Jan. 9.
Fungicidally treated multiwall bag. F. R. Linda. 2,543,858, Mar. 6.
Fungicide. B. W. Kiff. 2,540,171, Feb. 6.
Fungistatic composition. D. Papa and E. Schwenk. 2,562,208, July 31.
Fungistatic wrapper. G. H. Coleman and P. A. Wolfe. 2,567,010, Sept. 4.
Funnel for analysis of oils, fats, soaps, and like substances, Separatory. M. J. H. E. Hustinx. 2,539,082, Jan. 23.
Funnel, Spinning. C. Hatfield. 2,544,018, Mar. 6.
Funnel, Weighing. R. B. Crosset 2,536,125, Jan 2.
Fur carroting machine. J. F. Ellis. 2,572,125, Oct. 23.
Fur cutting apparatus. E. E. Yost. 2,573,292, Oct. 30
Fur felt strips, Producing. G. M. Rickus. 2,560,514, July 10.
Fur fibers and fabrics and dyeing the same, Dyed carroted. S. G. Hoffman. 2,539,907, Jan. 30.
Fur piece box. M. S. Cohen. 2,538,670, Jan. 16.
Fur shaper. V. R. Woodruff. 2,565,833, Aug. 28.
Furring strip. W. Huber, Jr. 2,551,801, May 8.
Furan derivative, Production of. T. J. Mooney. 2,572,371, Oct. 23.
Furan resins. B. Thomas. 2,571,994, Oct. 23.
Furane amido ketone compounds. L. M. Long and N. D. Jenesel. 2,547,713, Apr. 3.
Furane amino keto compounds. L. M. Long and N. D. Jenesel. 2,547,714, Apr. 3.
Furane compounds. L. M. Long and N. D. Jenesel. 2,547,712, Apr. 3.
Furfural from pentose liquors, Production of. J. W. Dunning, C. F. Frye, and E. C. Lathrop. 2,559,607, July 10.
Furfural, Production of. A. P. Dunlop. 2,536,732, Jan. 2.
Furfuryl silicate, Making. J. B. Culbertson, H. D. Erasmus, and R. M. Fowler. 2,569,455, Oct. 2.
Furnace: *See*—
- Annealing furnace.
- Annular radiating drum air heating furnace.
- Blast furnace.
- Circulating hot-air furnace.
- Electric annealing furnace.
- Electric enamel furnace.
- Electric furnace.
- Electric glass filament furnace.
- Electric glass furnace.
- Electric induction furnace.
- Electric resistance furnace.
- Flash calcining furnace.
- Flexibly mounted and connected vertical gas heating furnace.
- Floor furnace.
- Forced air flow air-heating furnace.
- Forced circulation multiple unit air heating furnace.
- Forge furnace.
- Fuel combustion furnace.
- Fuel-saving hot-air furnace.
- Gas furnace.
- Heat-treating furnace.
- Heating furnace.
- **Induction furnace.**
- Kettle furnace.
- Lead pot furnace.
- Liquid fuel burning tobacco curing furnace.
- Magazine type hot-air furnace.
- Metallic tube furnace.
- Molten bath furnace.
- Multiple tube gas heating furnace.
- Multiple tube radiator forced circulation air heating furnace.
- Oil burning downdraft floor furnace.
- Pouring arc furnace.
- Prefabricated furnace.
- Pyrolysis furnace.
- Reduction furnace.
- Reverberatory furnace.
- Sintering furnace.
- Solid fuel furnace.
- Stoker furnace.
- Thermoelectric furnace.
- Vaporizing furnace.

Furnace. R. L. Hasche. 2,552,277, May 8.
Furnace. T. J. Torpy and W. J. Harris. 2,540,359, Feb. 6.
Furnace. A. S. Vaughan, Jr. 2,540,149, Feb. 6.
Furnace. L. J. Weber. 2,579,350, Dec. 18.

Furnace and conveyer, Annealing. F. Remington and R. A. Tartaglia. 2,548,683, Apr. 10.
Furnace and feeding means and the controls therefor, Electric. H. A. Strickland, Jr. and D. W. Riddell. 2,572,073, Oct. 23.
Furnace and heat exchange structure therefor, Air heating. W. H. De Lancey. 2,555,842, June 5.
Furnace and hollow baffle structure therefor, Air-heating. C. W. Nesbitt. 2,550,081, Apr. 24.
Furnace and method, Glass melting. G. E. Howard. 2,564,783, Aug. 21.
Furnace and stock feeding means therefor, Electric. H. A. Strickland, Jr. 2,578,760, Dec. 18.
Furnace baffle construction and arrangement. J. E. J. Toner. 2,576,053, Nov. 20.
Furnace baffle for removal of fly ash. V. V. K. Rasanen. 2,577,268, Dec. 4.
Furnace baffle, Sheet metal. D. Kaufman. 2,548,312, Apr. 10.
Furnace brick. F. O. Keltz. 2,573,264, Oct. 30.
Furnace cabinet means with combustion air feeding door structure. L. J. Milhouse. 2,546,674, Mar. 27.
Furnace chamber enclosure structure, Compensated. L. S. Longenecker. 2,561,933, July 24.
Furnace charger. T. M. Rose. 2,576,265, Nov. 27.
Furnace charger. C. White. 2,579,409, Dec. 18.
Furnace charging machine. A. D. Smith and G. C. Kobrow. 2,576,974, Dec. 4.
Furnace charging machine peel. H. W. Ball. 2,565,904, Aug. 28.
Furnace construction. J. L. Drake. 2,559,350, July 3.
Furnace construction, Hot-air. C. E. Olsen. 2,561,479, July 24.
Furnace construction involving removable combustion chamber housing. J. A. Dahlstrom. 2,561,100, July 17.
Furnace control system. P. S. Dickey. 2,540,778, Feb. 6.
Furnace control system. C. D. Hartman. 2,556,081, June 5.
Furnace control system. R. R. Swain. 2,540,966, Feb. 6.
Furnace dome construction, Air heating. D. O. Elliott. 2,574,024, Nov. 6.
Furnace door. W. G. Nichol. 2,557,456, June 19.
Furnace door. J. E. Sticker, Jr. 2,550,729, May 1.
Furnace door frame. O. L. Braun. 2,552,142, May 8.
Furnace draft checking safety device, Thermostatically released. E. M. Leichtle. 2,548,267, Apr. 10.
Furnace electrode holder. E. Thys. 2,538,603, Jan. 16.
Furnace equipment. J. J. Ruiz. 2,540,598, Feb. 6.
Furnace for burning low-grade fuel, including air-cooled partition walls. R. Doležal. 2,548,656, Apr. 10.
Furnace for converting hydrocarbons. H. E. Charlton. 2,574,088, Nov. 6.
Furnace for liquid fuels, Regenerative gas combustion. A. Nielsen. 2,559,729, July 10.
Furnace for pyrolyzing ketenizable organic compounds. D. C. Hull and W. R. Saunders. 2,541,471, Feb. 13.
Furnace grate bar. R. M. L. Martin. 2,569,639, Oct. 2.
Furnace grate structure including ash removal means. W. F. Pfau. 2,568,657, Sept. 18.
Furnace guard, Floor. M. W. Fink. 2,554,177, May 22.
Furnace header box. J. Litell and J. S. Wallis. 2,555,552, June 5.
Furnace, including electromagnetic pump for molten metal, Electric. W. M. Weil and W. Bonsack. 2,539,215, Jan. 23.
Furnace loading mechanism. E. G. de Coriolis and R. P. Campbell. 2,538,556, Jan. 16.
Furnace operation. N. J. Urquhart. 2,543,388, Feb. 27.
Furnace operation, Blast. W. K. Lewis. 2,544,697, Mar. 13.
Furnace register frame. W. C. De Roo. 2,566,558, Sept. 4.
Furnace roof construction, Open-hearth. J. S. Mohr. 2,577,428, Dec. 4.
Furnace roof, Tilting. A. E. Greene. 2,551,941, May 8.
Furnace stack lining supporting plate. S. Coleman, Jr. 2,561,461, July 24.
Furnace temperature regulator. P. C. Osterman. 2,567,892, Sept. 11.
Furnace tile and roof. L. W. Rice. 2,553,787, May 22.
Furnace volume control. W. C. de Roo. 2,541,346, Feb. 13.
Furnace wall construction for gas or oil and solid fuel. G. A. Rehm. 2,554,384, May 22.
Furnace wall, Water-cooled. O. A. Johnson. 2,575,628, Nov. 20.
Furnace with baffles mounted therein, Oil-burning. J. N. Wright. 2,539,528, Jan. 30.
Furnace with internal fan, Bell. J. G. Hoop. 2,558,088, June 26.
Furnace with liquid heat transfer means, Air-heating. J. E. Scharff. 2,573,364, Oct. 30.
Furnace with removable cover, Chambered. H. Schaefer. 2,538,949, Jan. 23.
Furnace with spiral air baffles, Circular radiator air heating. R. W. Rifley. 2,543,201, Feb. 27.
Furnace with thermostatic control, Gas-burning air- and water-heating. D. B. Koser. 2,576,719, Nov. 27.
Furnaces and the like, Tapping blast. B. S. Old. 2,563,131, Aug. 7.
Furniture and toy construction, Child's. A. G. Tyng. 2,551,071, May 1.
Furniture assembly bracket. C. L. Embree. 2,545,347, Mar. 13.
Furniture, Child's. J. A. Notto. 2,553,670, May 22.
Furniture, Combination. S. L. Conrad. 2,546,851, Mar. 27.
Furniture, Connected wall store. A. Vanderveld and A. H. Dahme. 2,543,263, Feb. 27.
Furniture construction. W. N. Brown. 2,578,397, Dec. 11.
Furniture construction. C. Eames. 2,554,490, May 29.
Furniture construction. L. M. Eldridge. 2,568,329, Sept. 18.
Furniture construction. I. Silverman. 2,543,875, Mar. 6.
Furniture construction. D. A. Wallance. 2,572,081, Oct. 23.
Furniture construction. N. M. Weiss. 2,568,527, Sept. 18.
Furniture, Convertible. E. W. McCarroll. 2,564,338, Aug. 14.
Furniture, Convertible. O. and F. Mehr. 2,545,891, Mar. 20.
Furniture, Convertible. J. R. Thomas. 2,563,564, Aug. 7.
Furniture, Convertible rocker. E. A. and R. P. Simard. 2,558,466, June 26.
Furniture glide. P. D. Becker. 2,567,865, Sept. 11.
Furniture, Knockdown. G. W. Anderson. 2,546,811, Mar. 27.
Furniture, Knockdown. W. Garber. 2,540,254, Feb. 6.
Furniture, Knockdown table. G. W. Anderson. 2,546,812, Mar. 27.
Furniture, Metal. E. C. Booth. 2,546,492, Mar. 27.
Furniture, Metal. J. U. Ridder. 2,574,758, Nov. 13.
Furniture, Multiple purpose convertible. A. J. Weatherson. 2,553,122, May 15.
Furniture, Multipurpose. D. Babit. 2,566,818, Sept. 4.
Furniture, Sitting. S. Löfgren. 2,550,361, Apr. 24.
Furniture slip cover. L. C. Lenz. 2,551,214, May 1.
Furniture, Store wall. A. Vanderveld. 2,580,334, Dec. 25.
Furniture support jointed to frame. J. E. Svedberg. 2,550,620, Apr. 24.
Furniture, Temperature conditioned. S. Kronhaus. 2,544,506, Mar. 6.
Furoic amides of amino naphthols. H. W. Grimmel and A. F. Strobel. 2,543,745, Mar. 6.
Further activating activated carbon. H. G. Vesterdal. 2,556,859, June 12.
Fuse. R. L. Graumann and W. J. Donahue, Jr. 2,546,999, Apr. 3.
Fuse. H. C. Miller. 2,539,261, Jan. 23.
Fuse. H. J. Nichols. 2,541,603, Feb. 13.
Fuse. A. J. Schermuly. 2,544,358, Mar. 6.
Fuse. P. H. Thompson. 2,564,797, Aug. 21.
Fuse adapter. F. N. Tighe. 2,536,520, Jan. 2.
Fuse and igniter. G. W. Hammar, G. A. Noddin, D. E. Rosen, and F. J. Trelease. 2,547,820, Apr. 3.
Fuse and mounting clips, Coordinate. A. H. Powell and C. L. Schuck. 2,558,581, June 26.
Fuse arrangement for electric wall outlets. J. S. Richard and C. Youngquist. 2,562,947, Aug. 7.
Fuse, Cartridge. L. Detch. 2,548,290, Apr. 10.
Fuse construction. H. V. Dryer. 2,551,830, May 8.
Fuse construction. G. F. Laing. 2,543,245, Feb. 27.
Fuse construction. G. F. Laing. 2,563,536, Aug. 7.
Fuse construction. G. F. Laing. 2,577,531, Dec. 4.
Fuse construction. S. I. Lindell. 2,571,735, Oct. 16.
Fuse construction. W. O. Schultz. 2,571,492, Oct. 16.
Fuse construction, Dropout. S. I. Lindell. 2,553,098, May 15.
Fuse, Current limiting. W. C. Linton. 2,577,899, Dec. 11.
Fuse, Electric. A. J. Bowie. 2,567,420, Sept. 11.
Fuse, Electrically set mechanical time. G. J. Watt. 2,555,384, June 5.
Fuse for high-voltage transformers, Safety. H. Kott. 2,538,367, Jan. 16.
Fuse holder. C. W. Heath. 2,537,827, Jan. 9.
Fuse holder handling apparatus, Drop-out. P. V. Quick. 2,552,015, May 8.
Fuse, Hydraulic. R. Stevenson. 2,554,390, May 22.
Fuse, Lag. L. N. Baenziger. 2,557,587, June 19.
Fuse link. E. H. Yonkers. 2,572,901, Oct. 30.
Fuse, Low-current. S. C. Peek, Jr. 2,548,491, Apr. 10.
Fuse plug. G. E. Holmes. Re. 23,414, Oct. 2.
Fuse plug circuit breaker. E. V. Sundt. 2,576,815, Nov. 27.
Fuse, Point contact. H. H. Porter. 2,537,855, Jan. 9.
Fuse, Renewable. K. W. Swain. 2,560,138, July 10.
Fuse, Renewable enclosed. F. G. von Hoorn. 2,556,018, June 5.
Fuse, Rocket. V. K. Rasmussen. 2,544,860, Mar. 13.
Fuse, Sonic proximity. W. A. Tolson. 2,536,327, Jan. 2.
Fuse switch. A. J. Bowie. 2,565,197, Aug. 21.
Fuse, Thermal time lag. G. A. Berthel. 2,563,812, Aug. 14.
Fuse, Time-delay electric. K. W. Swain and E. H. Taylor. 2,557,926, June 26.
Fuse, Time lag. M. Cremer. 2,561,464, July 24.
Fused cutout of the exposed link type. D. C. Hubbard. 2,558,956, July 3.
Fused dropout cutout. D. C. Hubbard. 2,547,160, Apr. 3.
Fused drop-out cutout. D. C. Hubbard and W. L. Hollander. 2,558,957, July 3.

Fused switch. R. R. Pittman. 2,549,635, Apr. 17.
Fusee. P. H. Griffith. 2,545,275, Mar. 13.
Fusee. F. W. Olin. 2,543,533, Feb. 27.
Fuseless circuit opening device. G. F. Lincks and S. R. Smith, Jr. 2,573,458, Oct. 30.
Fusing alloy additions to a steel bath. A. C. Ogan. 2,557,458, June 19.
Fusion of vanillin. F. Fortess and B. B. White. 2,547,920, Apr. 10.
Gaff. V. E. Clark. 2,549,573, Apr. 17.
Gaff. C. B. Fisher. 2,579,812, Dec. 25.
Gaff. G. W. Muhm. 2,580,361, Dec. 25.
Gain control, Automatic. H. W. Nylund. 2,567,824, Sept. 11.
Gain control, Automatic. D. E. Sunstein. 2,552,232, May 8.
Gain control circuit. W. Y. Pan. 2,536,886, Jan. 2.
Gain-control system, Automatic. R. F. Mozley. 2,538,028, Jan. 16.
Gain control system for facsimile scanning. H. E. Haynes. 2,564,572, Aug. 14.
Gain-control system for radar direction indicators, Automatic. W. N. Dean and J. C. Rundlett. 2,552,527, May 15.
Galley and attachment. G. W. Fraser. 2,551,323, May 1.
Galley for handling matrices. G. L. Curle. 2,569,230, Sept. 25.
Galloping horse. F. J. Weglarz. 2,561,301, July 17.
Galvanic anode assembly. H. A. Robinson. 2,568,594, Sept. 18.
Galvanizing. M. C. King. 2,546,451, Mar. 27.
Galvanizing apparatus. H. Bablik. 2,570,746, Oct. 9.
Galvanizing machine. C. E. Brownell. 2,573,660, Oct. 30.
Galvanometer. C. F. Wallace. 2,538,740, Jan. 16.
Galvanometer support. C. M. Hathaway. 2,563,167, Aug. 7.
Galvanometer with laminated magnets and filar coil suspension. V. L. Parsegian and M. Johnson. 2,539,158, Jan. 23.
Game and scoring device, Multiquestion quiz. R. H. Dorf. 2,562,179, July 31.
Game apparatus, Astrological. A. M. Lightfoot and V. M. Kelly. 2,549,495, Apr. 17.
Game apparatus, Football. V. de Palma. 2,573,314, Oct. 30.
Game apparatus, including mechanical projector. J. C. Jackson. 2,544,992, Mar. 13.
Game apparatus, Number selecting. C. Benker. 2,555,777, June 5.
Game apparatus, Pinball game-controlled racing. W. Lemke. 2,547,164, Apr. 3.
Game apparatus, Spinning disk. C. W. Guimond. 2,565,557, Aug. 28.
Game apparatus, Table target. J. L. Wostrel. 2,576,326, Nov. 27.
Game, Arithmetic card. I. B. Needham. 2,562,633, July 31.
Game balance. J. J. Bevis. 2,551,720, May 8.
Game board and chance means for simulated racing. F. R. Graves. 2,577,961, Dec. 11.
Game board apparatus, Chance controlled. G. M. Podd. 2,545,415, Mar. 13.
Game board apparatus, Manually manipulatable. E. Hötte. 2,563,334, Aug. 7.
Game board apparatus with cards and dice, Chance controlled. D. E. Post. 2,549,708, Apr. 17.
Game board for simulated racing. V. Rengel. 2,546,347, Mar. 27.
Game board for simulating a card game. G. C. Hyland. 2,542,870, Feb. 20.
Game board with hazard pockets. F. A. Regenold. 2,536,393, Jan. 2.
Game board with marked game pieces. F. J. Lucassen. 2,536,380, Jan. 2.
Game, Bowling. R. D. Lund. 2,546,399, Mar. 27.
Game, Color harmonizing card. P. H. Hartley. 2,574,328, Nov. 6.
Game counter, Coin-controlled. B. L. Byrd, Jr. 2,558,170, June 26.
Game counting device. M. G. Rupp. 2,564,450, Aug. 14.
Game, Deep-sea fishing. A. W. Bell. 2,544,128, Mar. 6.
Game device, Chance. E. Krebeck. 2,574,398, Nov. 6.
Game device, Educational. T. Higgins. 2,560,647, July 17.
Game device, Educational. M. Sorensen. 2,567,497, Sept. 11.
Game device, Football. J. J. Warren. 2,553,155, May 15.
Game device, Magnetic racing. L. W. McKeever. 2,551,806, May 8.
Game device, Magnetic racing. R. L. Robins. 2,548,495, Apr. 10.
Game device, Top actuated racing. J. H. Dawson. 2,540,865, Feb. 6.
Game, Electric bowling. R. W. Cronk. 2,536,538, Jan. 2.
Game, Electric questionnaire. J. M. Prentice. 2,545,381, Mar. 13.
Game, Electronic golf. E. W. Leaver and W. H. Martin. 2,557,550, June 19.
Game, Indoor golf. D. P. Wright. 2,539,046, Jan. 23.
Game, Labyrinth. T. Laufer. 2,563,608, Aug. 7.
Game, Mechanical party rotating disk. F. Schnabolk. 2,555,010, May 29.
Game, Novelty fishing. J. F. Lamka. 2,557,789, June 19.
Game piece simulating a sail boat. J. S. L. Wharton, Jr. 2,572,412, Oct. 23.
Game piece, Weighted aerial. H. F. Rothe. 2,553,943, May 22.
Game playing device utilizing balls simulating playing cards, Portable. J. J. Hickey. 2,555,132, May 29.
Game practice device. N. Moseley. 2,578,313, Dec. 11.
Game, Puzzle. J. W. Sullivan. 2,574,158, Nov. 6.
Game ring. A. M. Ickler. 2,542,252, Feb. 20.
Game, Rotating disk. E. Y. Guthmann. 2,546,441, Mar. 27.
Game, Simulated bowling. J. D. Nagel and W. Lang. 2,552,996, May 15.
Game, Spinner type ball. O. L. Olson. 2,546,775, Mar. 27.
Game teaching apparatus. J. J. Baldine. 2,579,105, Dec. 18.
Game, Tethered projectile. E. C. Talbot. 2,577,637, Dec. 4.
Game top. J. W. Loveday. 2,573,916, Nov. 6.
Game with removable wires, Electric educational. H. Milman. 2,541,172, Feb. 13.
Gamma acetoxy-gamma, gamma dicarbalkoxybutyraldehydes and process. D. T. Warner and O. A. Moe. 2,546,958, Apr. 3.
Gamma control circuit. J. J. Reeves. 2,552,588, May 15.
Gamma-ferric oxide hydrate and gamma-ferric oxide, Production of. J. Martin. 2,560,970–1, July 17.
Gamma isomer of hexachlorocyclohexane, Manufacture of the. H. Bender and H. M. Pitt. 2,574,165, Nov. 6.
Gamma lactones. E. C. Ladd and M. P. Harvey. 2,569,064, Sept. 25.
Gamma nitro-gamma, gamma dicarbalkoxybutyraldehydes and process. O. A. Moe and D. T. Warner. 2,546,960, Apr. 3.
Gamma ray directional receiver. R. S. Bailey. 2,551,576, May 8.
γ-substituted propylamine type antihistamines. N. Sperber, D. Papa, and E. Schwenk. 2,556,636, June 12.
Gang bit core drilling apparatus. J. G. Binney. 2,563,913, Aug. 14.
Gang connection for disk harrows. W. E. Knapp. 2,548,539, Apr. 10.
Gang cutter. J. M. Walter. 2,556,127, June 5.
Gang nut retainer assembly. K. Reiner. 2,575,594, Nov. 20.
Gap bridging lamination for noise reduction in magnetic structures. M. W. Sims. 2,550,501, Apr. 24.
Gap cover attachment for automobile seats. E. J. Hicks. 2,571,574, Oct. 16.
Gap gauge. L. A. Habicht. 2,555,485, June 5.
Gap gauge. F. Koenig. 2,579,386, Dec. 18.
Garage equipment. F. M. Stelmack. 2,539,707, Jan. 30.
Garage for motor vehicles, Parking. H. L. Laubscher. 2,565,243, Aug. 21.
Garbage can holder. M. P. Nystrom. 2,551,043, May 1.
Garbage can stand. I. Pirtle. 2,553,109, May 15.
Garbage disposal apparatus. K. M. Hammell. 2,536,928, Jan. 2.
Garbage disposal apparatus. K. M. Hammell. 2,536,930, Jan. 2.
Garbage disposal arrangement with improved flue assembly. C. L. Deming. 2,548,203, Apr. 10.
Garbage disposer with direct water supply. H. Jordan. 2,536,372, Jan. 2.
Garbage grinding device. H. C. Schindler. 2,579,400, Dec. 18.
Garbage receptacle. C. F. Van Outrive. 2,568,041, Sept. 18.
Garden cultivating tool. E. L. Gress. 2,539,351, Jan. 23.
Garden hose holder. P. A. Dyer and R. J. Dummer. 2,544,986, Mar. 13.
Garden hose reel. E. W. Moldovan. 2,594,224, Apr. 17.
Garden tool. W. G. Frost. 2,548,012, Apr. 10.
Garden trellis. N. E. Smith. 2,577,373, Dec. 4.
Gardener's tool. C. T. Holman. 2,545,734, Mar. 20.
Gardening tool. D. G. Kettel. 2,554,911, May 29.
Garment. H. Berger. 2,536,121, Jan. 2.
Garment. C. Brown. 2,544,486, Mar. 6.
Garment. E. Cadous. 2,579,547, Dec. 25.
Garment. R. Caputo. 2,537,206, Jan. 9.
Garment. T. A. Clifford. 2,570,428, Oct. 9.
Garment. R. E. Medd. 2,550,121, Apr. 24.
Garment. E. L. Olrich and F. Chatfield. 2,554,380, May 22.
Garment. R. M. Reid. 2,536,222, Jan. 2.
Garment accessory. M. Roussos. 2,568,826, Sept. 25.
Garment, Adjustable. B. Myron. 2,553,863, May 22.
Garment, Air-conditioned. L. A. Rodert. 2,540,547, Feb. 6.
Garment and button therefor, Buttoned. E. M. Stancombe. 2,550,309, Apr. 24.
Garment, Animal. R. M. Low. 2,573,154, Oct. 30.
Garment bag. T. S. Cart. 2,561,841, July 24.
Garment bag. M. W. McWhorter. 2,568,158, Sept. 18.
Garment bagging rack. L. T. Hinnant. 2,554,907, May 29.
Garment, Bathing. A. Mitchell. 2,567,442, Sept. 11.
Garment, Blouse type. P. M. Brown. 2,575,791, Nov. 20.
Garment checking and supporting master hanger. M. Bross. 2,543,350, Feb. 27.

Garment, Children's combination. M. Miller. 2,564,369, Aug. 14.
Garment, Child's. L. B. Cooley. 2,569,845, Oct. 2.
Garment, Child's. A. E. Maslin. 2,569,569, Oct. 2.
Garment clasp. J. M. Pari. 2,579,694, Dec. 25.
Garment construction, Lady's. T. I. Cooper. 2,573,545, Oct. 30.
Garment container. C. D. Fallert. 2,561,053, July 17.
Garment, Elastic foundation. E. D. Kattermann. 2,555,974, June 5.
Garment finishing apparatus. W. C. Glover, Jr. 2,562,662, July 31.
Garment for babies, Nether. N. M. Wurster. 2,578,769, Dec. 18.
Garment for children, Adjustable. M. Hoffman. 2,580,024, Dec. 25.
Garment for children, Restraining. M. E. O'Brien. 2,538,469, Jan. 16.
Garment for divers, Protective. E. Wolk. 2,570,019, Oct. 2.
Garment for infants, Diaper. H. J. Ralph. 2,545,674, Mar. 20.
Garment form. R. G. Litchfield. 2,551,613, May 8.
Garment, Form constricting and molding. I. Rosner. 2,565,438, Aug. 21.
Garment, Foundation. M. W. Brauss. 2,567,761, Sept. 11.
Garment, Foundation. H. M. Colby. 2,552,368, May 8.
Garment, Foundation. J. V. Hollar. 2,569,379, Sept. 25.
Garment, Foundation. R. S. Kops. 2,551,139, May 1.
Garment, Foundation. M. Laguzzi. 2,537,412, Jan. 9.
Garment, Foundation. J. Leonard and H. M. Ihsen. 2,565,453, Aug. 21.
Garment, Foundation. P. J. Morano. 2,566,461, Sept. 4.
Garment, Girdle type. D. Cooper. 2,569,229, Sept. 25.
Garment hanger. W. H. Baugh. 2,555,672, June 7.
Garment hanger. M. M. Brock. 2,547,436, Apr. 3.
Garment hanger. N. E. Brooke. 2,547,561, Apr. 3.
Garment hanger. W. P. Buffin. 2,563,704, Aug. 7.
Garment hanger. E. E. Carlton. 2,577,567, Dec. 4.
Garment hanger. E. S. Draimin. 2,543,234, Feb. 27.
Garment hanger. F. D. Dwyer. 2,574,963, Nov. 13.
Garment hanger. W. T. Fanning. 2,552,161, May 8.
Garment hanger. M. Fichman. 2,556,530, June 12.
Garment hanger. A. M. Framke. 2,545,657, Mar. 20.
Garment hanger. W. F. Helwig. 2,543,108, Feb. 27.
Garment hanger. V. Holden. 2,546,600, Mar. 27.
Garment hanger. E. O. King. 2,568,235, Sept. 18.
Garment hanger. H. Koses. 2,536,293, Jan. 2.
Garment hanger. J. G. Kosky and E. Krantz. 2,536,187, Jan. 2.
Garment hanger. E. T. Kuhn. 2,544,886, Mar. 13.
Garment hanger. I. Leumi. 2,538,971, Jan. 23.
Garment hanger. C. C. Light. 2,574,185, Nov. 6.
Garment hanger. M. D. Looney. 2,556,139, June 5.
Garment hanger. W. Ludwig. 2,568,753, Sept. 25.
Garment hanger. W. E. Martin. 2,545,156, Mar. 13.
Garment hanger. C. F. McDonald. 2,551,686, May 8.
Garment hanger. L. B. Meyerhoff. 2,562,566, July 31.
Garment hanger. J. D. Peacock, Sr. 2,558,910, July 3.
Garment hanger. E. R. Putz. 2,540,546, Feb. 6.
Garment hanger. C. J. Raiche. 2,580,044, Dec. 25.
Garment hanger. R. H. Reynolds. 2,565,630, Aug. 28.
Garment hanger. F. H. Richterkessing. 2,580,193, Dec. 25.
Garment hanger. D. I. Robison and H. J. Nelson. 2,562,368, July 31.
Garment hanger. R. Sklaar. 2,543,810, Mar. 6.
Garment hanger. E. Sokolik. 2,553,282, May 15.
Garment hanger. S. Summer. 2,572,534, Oct. 23.
Garment hanger. G. M. Tibbitts. 2,545,637, Mar. 20.
Garment hanger. E. G. Von Gunten. 2,571,635, Oct. 16.
Garment hanger. L. W. Walker. 2,573,167, Oct. 30.
Garment hanger. C. E. Warren. 2,565,414, Aug. 21.
Garment hanger. S. F. Webster. 2,577,940, Dec. 11.
Garment hanger. W. E. Zamboni. 2,561,963, July 24.
Garment hanger collar support. C. R. Collins. 2,569,152, Sept. 25.
Garment hanger rod. H. E. Davis. 2,558,717, July 3.
Garment hanger stand. N. Hartley. 2,550,150, Apr. 24.
Garment hanger support. K. E. Meadows. 2,573,348, Oct. 30.
Garment, Hot work. K. L. Dunn. 2,573,414, Oct. 30.
Garment, Infant's. V. E. Dixon. 2,563,161, Aug. 7.
Garment, Infant's. P. M. Rogatz. 2,544,726, Mar. 13.
Garment, Infant's. E. A. Sheridan. 2,538,596, Jan. 16.
Garment, Infant's. P. G. Siegel. 2,576,812, Nov. 27.
Garment, Infant's sleeping. L. R. Sillaway. 2,578,323, Dec. 11.
Garment, Infant's sleeping and tethering. J. P. Whiskeman, Jr. 2,571,399, Oct. 16.
Garment, Lady's. A. Licht. 2,549,494, Apr. 17.
Garment, Lady's combination. S. W. Kunstadter. 2,551,612, May 8.
Garment, Lady's foundation. S. W. Kunstadter. 2,548,730, Apr. 10.
Garment marker. G. Rizzolo. 2,574,709, Nov. 13.
Garment marking device. S. Stern and A. Teichner. 2,543,611, Feb. 27.
Garment, Maternity. E. M. Brachfield. 2,579,645, Dec. 25.
Garment, Maternity. A. J. Greendale. 2,572,614, Oct. 23.
Garment, Maternity. P. and J. Jacobs. 2,544,386, Mar. 6.
Garment pocket. J. Vesce. 2,557,709, June 19.
Garment protector. A. F. Dasinger. 2,555,786, June 5.
Garment rack. E. H. Cordes. 2,557,262, June 19.
Garment, Readily adjustable. W. L. Dessauer. 2,570,777, Oct. 9.
Garment, Sanitary. L. A. Oberle. 2,574,279, Nov. 6.
Garment, Separable. A. H. Evans. 2,559,953, July 10.
Garment, Shirt type. L. R. Spare. 2,569,643, Oct. 2.
Garment, Sleeping. L. Schworm, Jr. 2,579,276, Dec. 18.
Garment, Sleeved. J. Clyne. 2,554,940, May 29.
Garment storage bag. J. Mehl. 2,547,530, Apr. 3.
Garment, Strapless. E. Cadous. 2,579,546, Dec. 25.
Garment structure, Adjustable. M. D. Neilson. 2,541,713, Feb. 13.
Garment support. H. A. Tomarin. 2,559,096, July 3.
Garment, Surgical. T. Lewis. 2,558,446, June 26.
Garment, Utility or protective. E. J. Pointen. 2,565,739, Aug. 28.
Garment, Ventilated infant's. H. H. Cutler. 2,544,069, Mar. 6.
Garment, Ventilated reducing. L. R. Hammond. 2,543,317, Feb. 27.
Garment, Waterproof. V. M. F. Gordon. 2,573,903, Nov. 6.
Garment, Waterproof. E. B. Higgins. 2,556,621, June 12.
Garment with detachable pocket. H. G. Lewallen. 2,557,445, June 19.
Garment with expansible neck opening. J. H. Crossingham. 2,549,894, Apr. 24.
Garment with expansible opening. W. L. Nehrenz. 2,580,314, Dec. 25.
Garment with free-action under bodice. J. M. Ettien and L. G. Yoakem. 2,554,361, May 22.
Garments, Rain-and slushproof. J. Clyne. 2,571,202, Oct. 16.
Garter belt. I. Kaldor. 2,579,190, Dec. 18.
Gas actuated inlet valve. E. Grieshaber and K. V. Anderson. 2,552,960, May 15.
Gas analysis apparatus. W. O. Hebler. 2,565,230, Aug. 21.
Gas analyzer. A. O. C. Nier. 2,573,649, Oct. 30.
Gas analyzer, Automatic. D. V. Moses and J. W. Brumbaugh. 2,551,281, May 1.
Gas analyzer detecting device. H. I. Becker. 2,546,715, Mar. 27.
Gas analyzing apparatus. M. A. Elliott. 2,555,327, June 5.
Gas analyzing apparatus. J. P. Vollrath. 2,556,832, June 12.
Gas anchor. J. M. Courtney. 2,560,416, July 10.
Gas and air mixing apparatus. P. E. Peacock, Jr. 2,570,373, Oct. 9.
Gas and oil burner. F. O. Hess, A. A. Furczyk, and J. B. Henwood. 2,561,795, July 24.
Gas bomb, Compressed. H. R. Moore. 2,578,726, Dec. 18.
Gas burner and adjustable support. P. K. Russell. 2,542,577, Feb. 20.
Gas burner cap and base joined by bayonet-type fastening means. E. H. Mueller. 2,562,505, July 31.
Gas burner control mechanism. C. M. Mayer and J. M. Hoff. 2,577,787, Dec. 11.
Gas burner flame arrester. M. M. Cannon, Jr. and J. S. Light. 2,572,445, Oct. 23.
Gas burner for soaking pit furnaces and the like. T. W. Lewis. 2,563,683, Aug. 7.
Gas burner head, Slotted outlet. R. C. Jaye. 2,573,144, Oct. 30.
Gas-burner head with high-pressure air jets. R. Jenny. 2,567,485, Sept. 11.
Gas burner igniter. H. H. Hagemann and F. F. Heise. 2,539,075, Jan. 23.
Gas burner, including primary and secondary air preheater. T. A. Nissinen. 2,556,482, June 12.
Gas burner mixing tube. E. H. Mueller. 2,541,433, Feb. 13.
Gas burner safety control. A. H. Crone and R. C. McLaughlin. 2,541,410, Feb. 13.
Gas burner target. H. Weyenberg and W. R. Kimberley. 2,540,308, Feb. 6.
Gas burner with interconnecting flash tubes and safety cutoff, Internally fired. C. E. Fitzgerald. 2,563,230, Aug. 7.
Gas by-pass for storage tank gauging pipes. W. C. Sanders. 2,547,344, Apr. 3.
Gas charging apparatus with gas pressure reducing valve. C. T. De Groat. 2,542,636, Feb. 20.
Gas clearing apparatus. L. A. Conyers. 2,560,635, July 17.
Gas comprising hydrogen and carbon monoxide, Production of. J. H. Hirsch and M. J. Boegel. 2,578,475, Dec. 11.
Gas container and dispensing means. M. R. Fields and Z. M. Roehr. 2,574,028, Nov. 6.
Gas control system. W. M. Nichols. 2,555,653, June 5.
Gas cooled spot-weld tip. L. W. Cornwall. 2,536,726, Jan. 2.

Gas depolarized cell. C. R. Fisher, G. W. Heise, and E. A. Schumacher. 2,572,918, Oct. 30.
Gas detection apparatus. C. W. Klug. 2,549,974, Apr. 24.
Gas detector. A. Blanchard. 2,573,390, Oct. 30.
Gas diffusers for air supplied to combustion chambers. W. Bailey and J. Roy. 2,556,161, June 12.
Gas discharge device. P. W. Stutsman. 2,544,513, Mar. 6.
Gas dispensing device. H. L. Norway. 2,564,226, Aug. 14.
Gas dispensing system, Liquefied. J. C. Fleming. 2,564,526, Aug. 14.
Gas dissolving apparatus. P. H. Thompson. 2,560,526, July 10.
Gas distillate trap. T. J. McIntyre. 2,555,452, June 5.
Gas distribution method and apparatus. J. A. Detherow. 2,537,815, Jan. 9.
Gas engine. C. H. Schowalter. 2,562,511, July 31.
Gas engine operation. C. H. Schowalter. 2,561,598, July 24.
Gas engine throttle control. A. R. Cooper. 2,570,429, Oct. 9.
Gas evaporator, Liquefied. O. L. Garretson. 2,561,506, July 24.
Gas filling for grid control gas tubes. D. V. Edwards and E. K. Smith. 2,567,369, Sept. 11.
Gas-fired conversion burner. E. A. Norman, Jr. 2,560,184, July 10.
Gas-fired forced air flow unit heater. R. D. Reed and J. S. Zink. 2,570,006, Oct. 2.
Gas-fired forced air heater. E. A. Norman, Jr. 2,540,280, Feb. 6.
Gas fired water heater. H. J. Carson. 2,563,817, Aug. 14.
Gas fractionating apparatus and method. R. T. Cornelius. 2,541,409, Feb. 13.
Gas fueling system for filling truck-mounted container by using the power of the truck motor. R. Godet. 2,574,177, Nov. 6.
Gas furnace. J. S. Johnson and K. L. Bedell. 2,555,546, June 5.
Gas generating apparatus. L. L. Warriner. 2,577,389, Dec. 4.
Gas generator. J. A. Hannum. 2,542,194, Feb. 20.
Gas generator. J. J. Malir, Jr. 2,539,148, Jan. 23.
Gas-generator system for producing heat-treating enveloping atmospheres. A. F. Snow. 2,550,126, Apr. 24.
Gas hammer starter. C. S. Weyandt. 2,551,987, May 8.
Gas heat exchanger and condensate precooler. C. T. Ashby. 2,536,342, Jan. 2.
Gas heater safety device. L. F. Durrell. 2,574,173, Nov. 6.
Gasholder having a ballast actuated piston, Dry. F. K. T. van Iterson. 2,559,137, July 3.
Gas hood for casting machines. R. H. Waddington and A. G. Welblund. 2,568,525, Sept. 18.
Gas inhaler applicator. C. B. Stout. 2,577,045, Dec. 4.
Gas-liquid contacting apparatus. D. H. Putney. 2,579,203, Dec. 18.
Gas-liquid separator. A. C. Mayer and J. J. Blackmore. 2,578,568, Dec. 11.
Gas mask canister. W. E. Gross and P. O. Rockwell. 2,537,992, Jan. 16.
Gas meter. E. R. Gilmore. 2,544,665, Mar. 13.
Gas meter prover apparatus. E. P. Burch. 2,555,730, June 5.
Gas meter prover apparatus. E. P. Burch. 2,561,904, July 24.
Gas meter prover apparatus. P. R. Watson. 2,555,771, June 5.
Gas mixing device. L. M. Herzfeld. 2,576,602, Nov. 27.
Gas mixing device for draught beer dispensing. M. E. Hood. 2,569,378, Sept. 25.
Gas mixtures. Producing. F. T. Barr. 2,556,835, June 12.
Gas operated gun. R. J. Monner. 2,554,116, May 22.
Gas permeable coating for dry cell flashlight batteries. B. Gelardin. 2,569,159, Sept. 25.
Gas pistol, Compressed. H. R. Lincoln. 2,537,358, Jan. 9.
Gas piston for operating automatic gun breech locks. P. H. Dixon. 2,554,618, May 29.
Gas pressure reducer and regulator. W. Tuttle. 2,563,889, Aug. 14.
Gas pressure regulator. D. M. Brooks. 2,573,180, Oct. 30.
Gas producer, including rotatable ash breaking grate means. F. J. and E. West. 2,548,086, Apr. 10.
Gasproof receptacle. E. P. Smith. 2,568,518, Sept. 18.
Gas purification. J. H. Shapleigh. 2,578,490, Dec. 11.
Gas purifier. C. B. Gamble. 2,550,463, Apr. 24.
Gas removing device. W. W. Broussard. 2,556,899, June 12.
Gas sampling device. J. E. McEvoy. 2,550,933, May 1.
Gas scrubber. F. G. Love. 2,551,890, May 8.
Gas seal for rotating shafts. W. E. Trumpler. 2,543,615, Feb. 27.
Gas service pressure regulator. C. D. Peterson. 2,577,480, Dec. 4.
Gas shielded arc welding torch. K. C. Craven. 2,571,684, Oct. 16.
Gas-solid contacting apparatus, including means for stripping solid particles. H. J. Ogorzaly. 2,545,165, Mar. 13.
Gas supply with gas weighing means, Housed. L. E. Harper. 2,552,783, May 15.
Gas tank holder. R. B. Putnam. 2,561,595, July 24.
Gas tank lock. L. P. and R. W. Jones. 2,572,730, Oct. 23.
Gastight electrode seal. G. Conti. 2,551,420, May 1.
Gas timing and metering valve. R. P. Hebert. 2,571,713, Oct. 16.
Gas to hydraulic pressure transmitter or accumulator. W. D. Teague, Jr. 2,561,957, July 24.
Gas torch. J. P. Rudolph. 2,538,916, Jan. 23.
Gas torch, Flameless hot. H. M. Richardson and F. E. Wiley. 2,577,269, Dec. 4.
Gas torch machine for cutting rounds and the like. J. M. Tyrner. 2,575,737, Nov. 20.
Gas treating apparatus and method. C. B. Schneible and A. S. Lundy. 2,579,401, Dec. 18.
Gas tube control. H. H. Wittenberg. 2,549,654, Apr. 17.
Gas tube control apparatus. C. H. Hoeppner and C. H. Smith, Jr. 2,544,684, Mar. 13.
Gas tube control circuit. C. H. Hoeppner and C. H. Smith, Jr. 2,544,683, Mar. 13.
Gas tube radio-frequency switch. W. H. Flarity. 2,553,569, May 22.
Gas turbine. T. W. Millns. 2,569,898, Oct. 2.
Gas turbine. W. M. Nichols. 2,557,198, June 19.
Gas turbine. N. C. Price. 2,563,269, Aug. 7.
Gas turbine. W. L. Wuehr. 2,561,005, July 17.
Gas turbine apparatus. M. C. Benedict. 2,548,858, Apr. 17.
Gas turbine apparatus. T. J. Cotton, Jr. 2,553,512, May 15.
Gas turbine combustion chamber construction. W. L. Christensen. 2,537,033, Jan. 9.
Gas turbine control system. V. Moore. 2,575,229, Nov. 13.
Gas turbine diaphragm. A. S. Thompson. 2,557,898, June 19.
Gas-turbine engine. R. Janes. 2,578,478, Dec. 11.
Gas turbine fuel control with throttle controlled manually and by fluid pressure from an isochronous governor. R. A. Neal. 2,573,724, Nov. 6.
Gas turbine plant. H. C. May and E. E. Hewitt. 2,558,866, July 3.
Gas turbine plant. R. Strub. 2,544,941, Mar. 13.
Gas turbine plant. W. Traupel. 2,543,677, Feb. 27.
Gas turbine plant heat exchanger cleaning apparatus. A. Meyer. 2,538,701, Jan. 16.
Gas turbine plant with controller of stage by-pass in turbo compressor auxiliary. W. Traupel. 2,573,289, Oct. 30.
Gas turbine power plant. J. K. Mosser. 2,541,532, Feb. 13.
Gas turbine power plant. C. J. Walker and G. R. Fusner. 2,554,228, May 22.
Gas turbine power plant having internal cooling means. N. C. Price. 2,563,744, Aug. 7.
Gas turbine power plant with auxiliary compressor supplying cooling air for the turbine. A. A. Lombard. 2,578,481, Dec. 11.
Gas turbine propeller apparatus. A. H. Redding. 2,541,098, Feb. 13.
Gas turbine system. J. L. Ray. 2,547,093, Apr. 3.
Gas turbine temperature control. A. W. Orr, Jr. 2,564,127, Aug. 14.
Gas turbine temperature control responsive to air and fuel flow, compressor intake and discharge temperature and speed. A. W. Orr, Jr. 2,545,703, Mar. 20.
Gas turbine with throttling air turbine in compressor intake. J. L. Ray. 2,565,324, Aug. 21.
Gas washer. O. E. Fenn. 2,546,259, Mar. 27.
Gas washer. S. P. Kinney and L. M. Hartwick. 2,542,681, Feb. 20.
Gas water heater. C. M. Osterheld. 2,541,175, Feb. 13.
Gaseous depinking method. D. G. Slovin. 2,539,334, Jan. 23.
Gaseous discharge circuit. M. R. Boyd and L. Malter. 2,571,824, Oct. 16.
Gaseous discharge device. D. S. Peck. 2,578,370, Dec. 11.
Gaseous discharge device. P. W. Stutsman. 2,556,855, June 12.
Gaseous discharge device, Cold cathode. M. A. Townsend. 2,575,370–2, Nov. 20.
Gaseous discharge tube circuit. B. Solow. 2,540,015, Jan. 30.
Gaseous electric discharge lamp. H. G. Jenkins and E. E. Miles. 2,561,868, July 24.
Gaseous electron discharge device. J. R. Pierce and W. G. Shepherd. 2,538,267, Jan. 16.
Gaseous fluid centrifuge. E. L. Quist. 2,563,550, Aug. 7.
Gases containing condensable material, Cooling. P. W. Garbo. 2,537,045, Jan. 9.
Gasification of carbonaceous solids. K. J. Nelson. 2,554,263, May 22.
Gasket for insertion between joint faces which are subject to pressure. J. B. Nicholson. 2,544,347, Mar. 6.
Gasket material and making same. J. C. Tomunak. 2,571,075, Oct. 9.
Gasket, Sealing. A. F. Cuthbert. 2,578,339, Dec. 11.
Gasket structure for refrigerator car doors and the like. A. W. L. Hartbauer. 2,567,477, Sept. 11.
Gasket winding machine. W. R. Price. 2,579,858, Dec. 25.
Gasketed joint. H. Gaffin. 2,543,963, Mar. 6.

Gasoline, Corrosion inhibited. T. C. Roddy, Jr. 2,548,122, Apr. 10.
Gasoline dispensing pump. R. M. Wilson. 2,576,740, Nov. 27.
Gasoline driven hammer. J. P. Hefner. 2,574,103, Nov. 6.
Gasoline fuel containing dimethyl carbinol and solvent oil. J. E. Neudeck. 2,579,692, Dec. 25.
Gasoline, Making. C. E. Hemminger. 2,540,581, Feb. 6.
Gasoline mixing device. F. Kufner. 2,556,696, June 12.
Gasoline operated pneumatic tool. H. C. Dearborn. 2,560,559, July 17.
Gasoline pump switch. E. E. Mallory. 2,555,801, June 5.
Gassing device, Railroad car. W. E. Snowden. 2,549,255, Apr. 17.
Gate: *See*—
- Adjustable gate.
- Automatic gate.
- Automatic range gate.
- Cattle chute gate.
- Collapsible gate.
- Doorway gate.
- Electric gate.
- Electrified gate.
- Farm gate.
- Fish creel trap gate.
- Float gate.
- Load restrained automatic return gate.
- Mechanically operated gate.
- Multiple swing farm gate.
- Pedal lift gate.
- Refuse truck tail gate.
- Self-closing gate.
- Starting gate.
- Stock loading chute gate.
- Wire fence gate.

Gate. L. H. Peeples. 2,538,470, Jan. 16.
Gate. L. C. Tilbury. 2,569,836, Oct. 2.
Gate and display device. M. L. Smith. 2,550,304, Apr. 24.
Gate and hinge construction. A. Reymann. 2,563,960, Aug. 14.
Gate and lock, Mechanical. W. H. Coleman. 2,556,361, June 12.
Gate, door, and the like, Collapsible. F. G. Coleman. 2,544,008, Mar. 6.
Gate fastener. B. J. and T. H. Limpo. 2,566,771, Sept. 4.
Gate fastener. R. J. Vickers. 2,554,759, May 29.
Gate fasteners. F. B. Mackey. 2,562,561, July 31.
Gate for box type vehicle bodies. H. E. Kruger. 2,555,288, May 29.
Gate for door openings, Adjustable. C. B. Woodruff. 2,574,807, Nov. 13.
Gate for the open end of transit mixers, Shutoff. C. I. Bohmer. 2,578,170, Dec. 11.
Gate generator. J. M. Lester and J. R. Wilkerson. 2,537,065, Jan. 9.
Gate keeper apparatus, Automatic. C. F. Wheeler. 2,567,306, Sept. 11.
Gate latch. D. Chrisman. 2,538,668, Jan. 16.
Gate latch. T. J. Knight. 2,575,420, Nov. 20.
Gate latch. S. E. Thomas. 2,577,930, Dec. 11.
Gate latch. A. C. Thompson and C. Gill. 2,538,398, Jan. 16.
Gate operating mechanism. H. H. Hall. 2,561,623, July 24.
Gate operating motor. J. B. Powers. 2,541,937, Feb. 13.
Gate or door latch. L. D. James. 2,557,541, June 19.
Gate valve. L. Cox. 2,565,475, Aug. 28.
Gate valve. M. P. Laurent. 2,537,470, Jan. 9.
Gate valve. M. P. Laurent. 2,541,968, Feb. 13.
Gate valve. J. H. Timmer. 2,562,285, July 31.
Gate valve. E. A. Weinberg. 2,562,157, July 24.
Gated shift block. C. M. Perkins. 2,538,653, Jan. 16.
Gatherer and windrower, Beet. L. Gransden. 2,553,310, May 15.
Gatherer for corn harvesters. H. E. Beck. 2,564,319, Aug. 14.
Gatherer for corn pickers, Endless chain. H. J. Kuhlman. 2,560,801, July 17.
Gathering and conveying mechanism. J. Yarmak. 2,571,084, Oct. 9.
Gathering device for Spanish moss. W. H. Drake. 2,537,882, Jan. 9.
Gauge: *See*—
- Adjustable block gauge.
- Adjustable miter gauge.
- Adjustable plug gauge.
- Adjustable point marking gauge.
- Adjustable ring gauge.
- Adjustable snap gauge.
- Adjustable tooth gauge.
- Amplifying gauge.
- Bale weight gauge.
- Boiler tube gauge.
- Brake gauge.
- Butt gauge.
- Camber and caster gauge.
- Capacitance strain gauge.
- Center punch gauge.
- Chamfer gauge.
- Chuck jaw gauge.
- Combined tester and pressure gauge.
- Comparator gauge.
- Continuous reading dead-weight pressure gauge.
- Crimped plate capacitance strain gauge.
- Cutting gauge.
- Cylinder gauge.
- Depth and angle gauge.
- Depth gauge.
- Dial snap gauge.
- Diaphragm type blood pressure gauge.
- Differential pressure gauge.
- Distance gauge.
- Door hinge locating and marking gauge.
- Dry film gauge.
- Dual tire gauge.
- Electric gauge.
- Electric pressure gauge.
- Electric surface gauge.
- Electrical resistance pressure responsive gauge.
- Electrical valve seat gauge.
- Expansion gauge.
- Fabric thickness gauge.
- Film perforation pitch gauge.
- Float gauge.
- Fluid level gauge.
- Flush pin gauge.
- Foldable tire diameter gauge.
- Gap gauge.
- Grinding gauge.
- Head space gauge.
- Height gauge.

Gauge: *See*—Continued.
- Hem gauge.
- High-pressure liquid level gauge.
- Hosiery size gauge.
- Internal gauge.
- Internal thread gauge.
- Ion gauge.
- Ion vacuum gauge.
- Ionization gauge.
- Limit torque gauge.
- Liquid level gauge.
- Liquid type indicating gauge.
- Machinist's gauge.
- Magnetic deflection gauge.
- Magnetic flow gauge.
- Magnetically supported indicating bore gauge.
- Magneto gauge.
- Maple sap float gauge.
- Marking gauge.
- Micrometer gauge.
- Miter gauge.
- Multiple check comparator gauge.
- Multiple section frame gauge.
- Noncontacting thickness gauge.
- Noncontacting width gauge.
- Oil level gauge.
- Optical centering gauge.
- Optical micrometer gauge.
- Pipe thread gauge.
- Planer gauge.
- Plastic strain gauge.
- Piezoelectric strain gauge.
- Pneumatic bore gauge.
- Pneumatic type opposed contact gauge.
- Precision angle and internal taper gauge.
- Precision angle, depth, and height gauge.
- Pressure cooker gauge.
- Pressure gauge.
- Protected ring gauge.
- Pressure-responsive compressed-gas supply gauge.
- Pressure tire gauge.
- Remote-indicating fuel gauge.
- Remote reading liquid level gauge.
- Saw gauge.
- Screw thread gauge.
- Self-aligning bore gauge.
- Single or offset contact type micrometer gauge.
- Snap gauge.
- Spherical bore gauge.
- Strain gauge.
- Tangential acceleration gauge.
- Tangential angle gauge.
- Taper bearing race gauge.
- Thickness gauge.
- Thread size gauge.
- Tire gauge.
- Tire pressure gauge.
- Totalizing liquid level gauge.
- Twist drill gauge.
- Vacuum gauge.
- Valve cap gauge.
- Valve seat gauge.
- Veneer gauge.
- Wheel alignment gauge.
- Window opening gauge.
- X-ray thickness gauge.

Gauge. W. Ames. 2,574,723, Nov. 13.
Gauge. I. C. Gardner. 2,546,154, Mar. 27.
Gauge. A. B. Hawkins. 2,560,571, July 17.
Gauge. J. C. Hoover. 2,580,227, Dec. 25.
Gauge. J. Reef. 2,562,125, July 24.
Gauge and aerator, Liquid level. M. Evans. 2,565,423, Aug. 21.
Gauge and heater for motor vehicles, Combined oil measuring. N. L. Smith. 2,551,770, May 8.
Gauge and making same, Resistance strain. D. J. De Michele. 2,548,592, Apr. 10.
Gauge and operation, Ionization. N. D. Glyptis. 2,573,005, Oct. 30.
Gauge and relief valve, Pressure. D. O. Drudge. 2,570,655, Oct. 9.
Gauge and valve assembly, Inflation. O. H. Simmons. 2,563,968, Aug. 14.
Gauge block. V. Victor. 2,536,401, Jan. 2.
Gauge construction. G. W. Gray. 2,553,574, May 22.
Gauge construction, Snap. E. H. Aldeborgh. 2,560,203, July 10.
Gauge fixture, Height. C. H. Bauer. 2,544,004, Mar. 6.
Gauge for accurately locating a workpiece with respect to a keyway cutter or the like, Centering. W. Blesi. 2,547,683, Apr. 3.
Gauge for adjusting turret ram feed stop mechanism, Setup. W. A. Meissner. 2,559,311, July 3.
Gauge for blast furnaces, Stock. J. E. Heyworth and E. F. Harkins. 2,538,312, Jan. 16.
Gauge for buttonholes, Spacing. D. L. Singer. 2,560,705, July 17.
Gauge for checking bearing journals. C. G. Hahn. 2,541,758, Feb. 13.
Gauge for checking toothed machine elements, such as gears and splines. J. J. Parker and L. T. Morawski. 2,561,534, July 24.
Gauge for circular saws, Jointing. H. M. Dixon. 2,545,607, Mar. 20.
Gauge for coils, Adjustment. R. G. Russell. 2,571,947, Oct. 16.
Gauge for cold fluids, Direct reading. E. E. van Ham. 2,550,175, Apr. 24.
Gauge for compressible material, Thickness. W. Ames. 2,559,912, July 10.
Gauge for doughnut machines. E. M. Lycke. 2,553,264, May 15.
Gauge for external screw threads, Pitch diameter. C. A. Mundel. 2,560,589, July 17.
Gauge for firearms, Head space. V. W. Eckel. 2,553,704, May 22.
Gauge for gauging external screw threads, Roll. J. H. Niper. 2,566,356, Sept. 4.
Gauge for indicating weight of liquids in tanks. C. A. de Giers and A. Wickesser. 2,551,792, May 8.
Gauge for internal tapers. W. M. Oliver. 2,540,282, Feb. 6.
Gauge for magnetic material, Thickness. I. R. Brenholdt. 2,572,908, Oct. 30.
Gauge for measuring changes in circumference. J. R. Speer. 2,562,749, July 31.

Gauge for measuring dimensions or forces, Pneumatic. C. G. Hård af Segerstad. 2,576,221, Nov. 27.
Gauge for measuring large strains, Wire-resistance. H. Shoub. 2,569,499, Oct. 2.
Gauge for measuring or checking the effective diameters of screw threads. E. G. D. Gabbey. 2,555,964, June 5.
Gauge for measuring thread truncations. W. H. Troedson. 2,556,564, June 12.
Gauge for measuring width and lead in screw threads. A. C. Kinch. 2,579,832, Dec. 25.
Gauge for milk tanks, Contents. C. A. de Giers. 2,562,529, July 31.
Gauge for paper drilling machines, Adjustable side. J. Adrian. 2,553,395, May 15.
Gauge for plain and tapered bores, Pneumatic. W. A. Minix. 2,572,368, Oct. 23.
Gauge for plow shares, Marking. L. O. Wiese, 2,570,620, Oct. 9.
Gauge for punches, Back. S. Segal. 2,554,928, May 29.
Gauge for rip saws. R. Stone. 2,560,996, July 17.
Gauge for round hats. J. W. Starbuck. 2,556,230, June 12.
Gauge for sawmills, Setwork. A. Hahus. 2,555,642, June 5.
Gauge for setting cutter headknives. H. T. Hacker. 2,539,831, Jan. 30.
Gauge for setting taper attachments for machine tools. L. L. Lowe. 2,555,351, June 5.
Gauge for stapling machines, Back. W. O. Stearns, 2,536,779, Jan. 2.
Gauge for trial frames, Corneal sighting. D. T. Street. 2,547,348, Apr. 3.
Gauge for winding machines, Automatic stop. C. W. Guion. 2,572,854, Oct. 30.
Gauge head for small bores. E. M. Boat. 2,547,364, Apr. 3.
Gauge installation, Tire. E. A. Mitchell. 2,572,369, Oct. 23.
Gauge of pivoted gauge member type with end indicator. P. W. Johnson. 2,559,771, July 10.
Gauge piston stop, Momentum. W. S. Shultz. 2,543,732, Feb. 27.
Gauge rod wiper. F. A. Reip. 2,575,361, Nov. 20.
Gauge viewing device, Liquid level. H. O. Bailey. 2,547,731, Apr. 3.
Gauge wire holder. E. Govoni. 2,554,024, May 22.
Gauge with deflector, Liquid level. T. A. St. Clair. 2,540,699, Feb. 6.
Gauge with single bellows temperature compensation, Tank. C. A. de Giers. 2,551,794, May 8.
Gauging and alignment device for fittings, by light projection. C. J. Schipplock. 2,546,524, Mar. 27.
Gauging and sampling well for vessels. J. W. Stewart, Jr. 2,576,893, Nov. 27.
Gauging and sorting machine, Tube. J. P. Gulliet. 2,569,564, Oct. 2.
Gauging apparatus. E. C. Moss. 2,564,789, Aug. 21.
Gauging apparatus. E. C. Moss. 2,568,817, Sept. 25.
Gauging aparatus. E. C. Moss. 2,570,967, Oct. 9.
Gauging apparatus, Sheet. R. E. J. Nordquist and B. A. Baumann. 2,547,964, Apr. 10.
Gauging device. W. F. Aller and D. H. McConnell. 2,580,342, Dec. 25.
Gauging device. A. F. Polk and J. H. Straw. 2,547,717, Apr. 3.
Gauging device, Automatic. A. W. Brunot, R. O. Fulton, and I. J. Solomon. 2,554,171, May 22.
Gauging device, Consecutive-reading. R. P. Johnson. 2,561,662, July 24.
Gauging device for glass containers and the like. R. J. Morcom. 2,575,227, Nov. 13.
Gauging device for magneto replacement. C. R. John. 2,556,760, June 12.
Gauging device, Internal. E. C. Adkins. 2,556,314, June 12.
Gauging device, Lead and pitch. W. F. Aller. 2,547,681, Apr. 3.
Gauging device, Liquid. L. S. Payne. 2,577,590, Dec. 4.
Gauging device, Machine-tool. H. E. Jacobson. 2,565,853, Aug. 28.
Gauging device, Pneumatic. D. O. Hendrix and R. M. Langer. 2,573,843, Nov. 6.
Gauging device, Pneumatic size. A. L. A. Fortier. 2,564,527, Aug. 14.
Gauging device, Pneumatic size. A. L. A. Fortier. 2,571,557, Oct. 16.
Gauging element. A. S. Orlandi. 2,538,264, Jan. 16.
Gauging machine. T. A. Jagen. 2,560,446, July 10.
Gauging machine. E. H. Lorenz. 2,542,090, Feb. 20.
Gauging machine, Masonry mortar. K. H. Tengstedt and H. M. Peper. 2,551,911, May 8.
Gauging mechanism for scroll shear machines. S. R. Johnson. 2,576,792, Nov. 27.
Gauging mechanism, Last and insole. V. L. Kneeland. 2,538,252, Jan. 16.
Gauze structure, Multilayer catalyst. A. G. Houpt. 2,552,279, May 8.

Gear: *See*—
Aircraft alighting gear.
Aircraft landing gear.
Airplane cross-wind landing gear.
Airplane landing gear.
Automatic and progressive change-speed gear.
Change-speed gear.
Convertible aircraft landing gear.
Cushioned gear.
Draft gear.
Fishing gear.
Friction gear.
Friction speed gear.
Helicopter amphibious landing gear.
Hydraulic change-speed gear.
Impregnated ferrous gear.
Infinitely variable speed gear.
Launching and lowering gear.
Nose landing gear.
Oscillating gear.
Pipe handling gear.
Retractable landing gear.
Reverse gear.
Reversing gear.
Steerable landing gear.
Steering gear.
Tandem-wheel shock absorbing aircraft gear.
Torpedo depth control gear.
Track-type landing gear.
Tractor reverse gear.
Transmission gear.
Trolling gear.
Variable oscillating gear.
Variable-speed friction gear.
Vehicle running gear.

Gear adjusting device for motor vehicles, Steering. L. Saives. 2,547,784, Apr. 3.
Gear assembly for wrenches, Ratchet. R. O. Wright. 2,559,332, July 3.
Gearbox. L. Blumenbaum. 2,538,665, Jan. 16.
Gear box for pumps. H. L. Gordon. 2,558,841, July 3.
Gear case for rotary pumps, Universal. E. A. Wilhelm. 2,549,652, Apr. 17.
Gear case unit for outboard motors. E. C. Kiekhaefer. 2,549,477, Apr. 17.
Gear converter, Quick-change. A. J. Barraco. 2,548,337, Apr. 10.
Gear drive. E. Wildhaber. 2,565,539, Aug. 28.
Gear drive for dial mechanisms. N. E. Klein. 2,552,488, May 8.
Gear drive for vehicles, Auxiliary. E. B. Wagner. 2,557,485, June 19.
Gear drive, Zero backlash. E. A. Hallstrand. 2,548,603, Apr. 10.
Gear finishing. W. S. Praeg. 2,557,462, June 19.
Gear finishing machine. W. S. Praeg and A. B. Bassoff. 2,565,883, Aug. 28.
Gear finishing machine, Diagonally traversing. E. W. Miller. 2,561,706, July 24.
Gear for airplanes, Cross-wind landing. G. Sievers. 2,538,388, Jan. 16.
Gear for airplanes, Cross-wind landing. G. Sievers. 2,560,747, July 17.
Gear for bicycle drives, Multiple speed composite. A. Weaver. 2,561,960, July 24.
Gear for bicycles, tandems, and the like, Variable-speed. L. C. H. Juy. 2,564,576, Aug. 14.
Gear for boat trailers, Retractable running. C. McClintock. 2,539,693, Jan. 30.
Gear for drink mixing device or the like, Driving. E. S. Prince and J. Brotheridge. 2,565,626, Aug. 28.
Gear for internal-combustion engines, Starting. F. C. Gordon. 2,558,840, July 3.
Gear for large gear ratios, Transmission. B. Mládek. 2,547,165, Apr. 3.
Gear for low suspended vehicles, Endless track running. N. S. Focht. 2,536,543, Jan. 2.
Gear for printing presses, Hydraulic impression. F. Auer. 2,569,034, Sept. 25.
Gear for textile roving frames, Mechanical gap. R. J. Henderson. 2,559,619, July 10.
Gear for tuning elements, Operating. H. E. Overacker. 2,570,703, Oct. 9.
Gear having shock absorber inside hub, Aircraft landing. F. C. Albright. 2,568,696, Sept. 25.
Gear-hobbing machine. S. Fearns. 2,545,151, Mar. 13.
Gear lapping. W. S. Praeg. 2,541,283, Feb. 13.
Gear mechanism, Cyclic. O. H. Petersen. 2,570,151, Oct. 2.
Gear mechanism, Mast turning. H. W. Ronfeldt. 2,578,151, Dec. 11.
Gear motor operator for boosters. P. C. Pocock and H. M. Purcell. 2,537,547, Jan. 9.
Gear operated, bolt-holding wrench. F. C. Valentin. 2,537,382, Jan. 9.
Gear or drive, Variable-speed. P. Tout-Kowsky. 2,538,633, Jan. 16.
Gear profilometer and checking device. D. M. Schwartz and T. N. Hackett. 2,564,376, Aug. 14.
Gear pump and allied device, Spiral. R. J. L. Moineau. 2,545,626, Mar. 20.
Gear pump or motor. G. A. Ungar. 2,541,010, Feb. 6.
Gear reduction for floor mill grinding rolls, Drive in form of. H. H. Kramer. 2,555,415, June 5.
Gear rolling fixture, Pivot arm. J. J. Osplack. 2,540,961, Feb. 6.
Gear set. L. W. Falk. 2,555,586, June 5.
Gear shift and throttle control system. E. D. Johnson. 2,575,277, Nov. 13.
Gear shifter, Power actuated. R. B. Evans and C. E. Greene. 2,540,573, Feb. 6.
Gear shifting device. C. Nibaud. 2,546,865, Mar. 27.
Gear shifting mechanism. H. W. Hey and J. G. Ingres. 2,568,958, Sept. 25.
Gear-shifting mechanism. D. H. Montgomery. 2,543,927, Mar. 6.
Gear synchronizer, Overrunning clutch type. F. W. Avila. 2,540,232, Feb. 6.
Gear unit for outboard motors, Underwater. E. C. Kiekhaefer. 2,549,484, Apr. 17.

Gear with drag strut dynamic damper, Landing. J. F. McBrearty. 2,559,451, July 3.
Gear with releasable hook, Aircraft arresting. G. B. Clark. 2,553,632, May 22.
Geared actuator. A. J. Wettels. 2,554,436, May 22.
Geared adjustment means. H. W. Gegenheimer. 2,561,018, July 17.
Geared electric motor. C. O'Daniel. 2,578,446, Dec. 11.
Gearing, Adjustable. W. F. Berck. 2,571,005, Oct. 9.
Gearing, Adjustable. R. D. Hull. 2,541,360, Feb. 13.
Gearing, Adjustable. A. Rorive. 2,549,241, Apr. 17.
Gearing arrangement for supercharged power plant. S. A. Couling. 2,570,101, Oct. 2.
Gearing, Differential. S. Chapp. 2,559,944, July 10.
Gearing, Engine starter. J. E. Buxton. 2,546,940, Mar. 27.
Gearing, Engine starter. J. J. Digby. 2,538,300, Jan. 16.
Gearing, Engine starter. J. J. Digby. 2,565,170, Aug. 21.
Gearing, Engine starter. D. L. Miller. 2,546,948, Mar. 27.
Gearing, Engine starter. A. R. Tobias. 2,546,954, Mar. 27.
Gearing for drawing mechanisms for textile fibers, Roller. J. Noguera. 2,544,468, Mar. 6.
Gearing for driving propellers, Variable-speed. F. J. Johnson. 2,547,161, Apr. 3.
Gearing for material loading apparatus. W. E. Overturf. 2,559,829, July 10.
Gearing for steering two-wheel or two-track driven machines. R. L. Odom. 2,542,157, Feb. 20.
Gearing for telegraphone mechanism, Friction. L. Harrison. 2,555,643, June 5.
Gearing for tractors, Forward and reverse. K. S. Wu. 2,549,715, Apr. 17.
Gearing for variable multiple heads. M. H. Emrick. 2,551,659, May 8.
Gearing, Helical. A. Roano. 2,553,383–4, May 15.
Gearing, Multiple spindle drill. G. H. Kuhl. 2,549,490, Apr. 17.
Gearing, Mutilated. R. E. Clyne. 2,536,909, Jan. 2.
Gearing, Planetary. C. M. O'Leary. 2,555,454, June 5.
Gearing, Starter-generator. C. S. Metsger. 2,553,202, May 15.
Gearing system, Magnetic. H. Hurvitz. 2,548,373, Apr. 10.
Gearing utilizing detachable gear teeth. F. W. Guibert. 2,572,334, Oct. 23.
Gearing, Variable friction. W. G. Grimes. 2,540,942, Feb. 6.
Gearing, Variable-speed. R. Warren. 2,546,282, Mar. 27.
Gearing, Variable-speed frictional. H. Schottler. 2,559,230, July 3.
Gearing, Worm. G. E. Dath. 2,578,784, Dec. 18.
Gearing, Worm. P. Ducanis. 2,536,920, Jan. 2.
Geiger-Müller tube mounting. M. J. Test and S. Krasnow. 2,546,048, Mar. 20.
Geiger tube. J. A. Victoreen and R. W. Barton. 2,542,440, Feb. 20.
Gel-type dehydrogenation catalyst, Preparation of. E. W. Pitzer. 2,536,085, Jan. 2.
Gelled dispersions of copolymer resins. E. H. Dafter, Jr. 2,562,140, July 24.
Gelling of polymeric compounds. O. W. Murray. 2,576,850, Nov. 27.
Gelatin blasting explosive composition containing water-soluble salts. S. Fordham and E. G. Cockbain. 2,545,270, Mar. 13.
Gelatin blasting explosive, Manufacturing. S. Fordham. 2,554,180, May 22.
Gelatin, Making canned. C. J. Walker. 2,541,731, Feb. 13.
Gelatin, Preparation of. R. H. Sifferd and L. P. Anderson. 2,580,049, Dec. 25.
Gelatinization of cellulose acetate. R. D. Dunlop. 2,576,910, Dec. 4.
Gelatino-silver halide emulsion, Hardened. F. W. H. Mueller and B. R. Harriman. 2,553,506, May 15.
Gelatinous explosive composition. J. M. Downard. 2,537,039, Jan. 9.
Gelose calcium alginate and caseinate and their production. V. C. E. Le Gloahec. 2,543,699, Feb. 27.
Gem holder for grinding machines. G. H. Rakowitzky. 2,542,704, Feb. 20.
Gemstone machine. E. P. van Leuven. 2,573,371, Oct. 30.
Generating and/or controlling electrical energy. E. G. Linder. 2,548,225, Apr. 10.
Generating and utilizing vibrational waves in plates. F. A. Firestone and D. S. Ling, Jr. 2,536,128, Jan. 2.
Generating apparatus, Oscillation. J. R. Cosby. 2,558,343, June 26.
Generating directional seismic waves. C. B. Scott. 2,556,299, June 12.
Generating electric traction and control system. L. L. Johnson. 2,551,438, May 1.
Generating electrical energy. E. G. Linder. 2,552,050, May 8.
Generating groups of currents. H. E. Goldstine. 2,574,326, Nov. 6.
Generating high electrical potential. R. Hart. 2,580,021, Dec. 25.
Generating low-frequency electrical oscillations. U. Krabbe and S. Hedström. 2,567,383, Sept. 11.
Generating or influencing an alternating current. B. Stålhane. 2,540,600, Feb. 6.
Generating set. A. Cuny. 2,567,636, Sept. 11.
Generating system, Harmonic oscillation. J. L. Delvaux. 2,555,960, June 5.
Generating system, Variable width pulse. W. S. Ivans, Jr. 2,575,961, Nov. 20.
Generation of a sine wave. A. J. Baracket. 2,559,144, July 3.
Generation of electromagnetic waves by Doppler effects. S. Ramo. 2,558,001, June 26.
Generation of electromagnetic waves by Doppler effects. S. Ramo. 2,576,696, Nov. 27.
Generation of microwave oscillations of stable frequency at high-power levels. L. E. Norton. 2,555,150, May 29.
Generation of pulses of alternately opposite polarities. E. Peterson. 2,546,371, Mar. 27.
Generation system. W. W. Fell. Re. 23,351, Apr. 3.
Generation system and method, Nuclear electrical. E. G. Linder. 2,555,143, May 29.

Generator: *See*—
Acyclic generator.
Adjustable frequency commutator generator.
Alternating current generator.
Carrier suppression side-band generator.
Combination wet and dry heat generator.
Compact steam generator.
Compound lens generator.
Contrast pattern generator.
Controlled wave energy generator.
Current limit generator.
Delayed signal generator.
Direct-current generator.
Double aperture generator.
Double pulse generator.
Electric pulse generator.
Electric steam generator.
Electric wave generator.
Electrical pulse generator.
Electrode steam generator.
Electron tube radio frequency generator.
Electronic function generator.
Electronic pulse generator.
Electrostatic generator.
Electrostatic voltage generator.
Electrotherapeutic impulse generator.
Forced circulation steam generator.
Frequency-modulated wave generator.
Friction generator.
Gas generator.
Gate generator.
High-frequency generator.
High-voltage pulse generator.
Hot-water and steam generator.
Immersed electrode steam generator.
Impulse generator.
Linear sweep wave generator.
Magneto generator.
Magnetron generator.
Microwave generator.
Multifrequency generator.
Multiphase generator.
Multiple pulse generator.
Multiplex phase generator.
Noise generator.
Oscillation generator.
Oxygen generator.
Ozone generator.
Periodic high-voltage impulse generator.
Permanent magnet type electric generator.
Phase modulated wave generator.
Portable steam generator.
Projectile-actuated surge generator.
Pulsating sound generator.
Pulse generator.
Radio-frequency generator.
Random digit generator.
Rectangular and saw-tooth impulse generator.
Rotary power generator.
Saw-tooth current generator.
Saw-tooth current oscillation generator.
Sawtooth voltage generator.
Saw-tooth wave generator.
Second and third harmonic generator.
Self-triggering thyratron pulse generator.
Sequential pulse generator.
Shock wave generator.
Signal generator.
Single side-band signal generator.
Smoke generator.
Sonic generator.
Square-wave generator.
Stair-step wave generator.
Standard frequency generator.
Steam generator.
Sweep generator.
Telephone generator.
Television synchronizing signal generator.
Tide power generator.
Time base generator.
Tone generator.
Traveling wave vapor-electric current generator.
Triggered square wave voltage generator.
Ultra high frequency generator.
Variable potential electrical generator.
Variable rate sweep voltage generator.
Water tube steam generator.
Wave-form generator.
Welding generator.
Wind-driven power generator.

Generator. E. J. Duffy. 2,574,253, Nov. 6.
Generator. H. L. Hayden. 2,546,448, Mar. 27.
Generator and control circuits, Eddy-current. R. C. Goertz. 2,567,202, Sept. 11.
Generator and operating same, Equipressure vapor. E. Mercier. 2,547,135, Apr. 3.
Generator and power unit, Electrically heated steam. J. W. Dickey. 2,548,708, Apr. 10.
Generator and turbine of the continuous combustion type, Rotating combustion products. N. C. Price. 2,579,049, Dec. 18.
Generator assembly in electrical musical instruments. A. J. Bissonette. 2,555,039, May 29.
Generator control for battery charging systems. L. H. Von Ohlsen. 2,577,094, Dec. 4.
Generator control, Rectangular wave. H. Nyquist. 2,541,378, Feb. 13.
Generator control system. R. M. Critchfield and P. L. Schneider. 2,545,688, Mar. 20.

Generator control system, Regulating. E. F. Allbert. 2,550,104, Apr. 24.
Generator cooling system. R. E. Sears. 2,560,784, July 17.
Generator for absorption refrigerators. H. L. Coggburn. 2,568,789, Sept. 25.
Generator for electric fences, Voltage pulse. J. T. Westin. 2,560,056, July 10.
Generator for electric pulsations of audio-frequency. E. M. Jones. 2,558,653, June 26.
Generator for frequency-modulation transmission systems, Oscillation. H. Gardère and S. Talmasky. 2,558,214, June 26.
Generator for hydrocarbon burners. R. Martiri. 2,580,113, Dec. 25.
Generator for machine control systems, Frequency. L. E. de Neergaard. 2,552,622, May 15.
Generator for rocket launchers, Spring actuated. L. A. Skinner and J. A. Folse. 2,557,151, June 19.
Generator in which coded information is recorded on a magnetizable medium, Selective signaling. W. A. Marrison. 2,558,187, June 26.
Generator, including crankless engine, Power gas. T. L. Sherman. 2,565,272, Aug. 21.
Generator of accurately timed pulses. R. F. Foster. 2,545,349, Mar. 13.
Generator of high-frequency alternating currents, Electronic. M. P. Prache. 2,555,456, June 5.
Generator of high stability, Automatic wide range electrical wave. H. A. Robinson. 2,568,412, Sept. 18.
Generator of time-spaced pulse signals of varying duration. D. E. Sunstein. 2,553,284, May 15.
Generator regulation. D. F. Alexander. 2,536,248, Jan. 2.
Generator regulator. W. J. Rady and L. A. Rice. 2,544,179, Mar. 6.
Generator set, Vapor electricity. P. Crocchi. 2,576,284, Nov. 27.
Generator tester. A. D. Goldman. 2,578,694, Dec. 18.
Generator testing device. S. H. Van Wambeck. 2,548,833, Apr. 10.
Generator with feeler and displaceable register members, Impulse. L. Devaux. 2,537,974, Jan. 16.
Generator, with positive pressure furnace, Steam or elastic fluid. G. W. Kessler. 2,567696. Sept. 11.
Generator with pressure-actuated inlet and outlet valves, Pulsating discharge power gas. H. L. Magill. 2,557,128, June 19.
Gentisic acid and its alkali metal and ammonium salts. F. B. Zienty and D. J. Harvey. 2,547,241, Apr. 3.
Gentisic acid compounds of antipyrines. M. Hoffer. 2,541,651, Feb. 13.
Geoacoustic apparatus for underground exploration. C. B. Horsley and G. C. Seavey. 2,558,089, June 26.
Geometrical and centering device. C. Buchalter. 2,540,861, Feb. 6.
Geophone, Invertible. K. W. McLoad. 2,548,990, Apr. 17.
Geophysical prospecting using gamma-ray detectors. G. Herzog. 2,563,333, Aug. 7.
Geophysical surveying. F. W. Lee. 2,575,349, Nov. 20.
Germ and draft preventing means for communicating openings in windows and the like. A. Bolvinkel. 2,539,655, Jan. 30.
Germanium crystals. S. F. Amico. 2,565,338, Aug. 21.
Germanium rectifier material, Preparation of. J. H. Scaff and H. C. Theuerer. 2,576,267, Nov. 27.
Germicidal cabinet. S. J. Pask. 2,579,242, Dec. 18.
Germicidal reaction products of silver salts and monohydroxy-monoamino alkanes. W. M. Fuchs. 2,562,488, July 31.
Germicides and compositions, Packaged. R. M. Hibbs. 2,541,248, Feb. 13.
Getter structure for electric discharge tubes. E. G. Dorgelo. 2,547,200, Apr. 3.
Gift package. N. M. T. Updike. 2,547,676, Apr. 3.
Gin pole, Folding portable. G. D. Leister. 2,557,192, June 19.
Girdle. H. M. Colby. 2,553,301, May 15.
Girdle. N. Loftus and J. Butler. 2,565,866, Aug. 28.
Girdle. L. Meyer. 2,537,781, Jan. 9.
Girdle. J. J. Vandercook. 2,575,605, Nov. 20.
Girdle and garter combination. E. W. Glenn. 2,543,526, Feb. 27.
Girdle, Maternity. M. E. Schlageter. 2,557,767, June 19.
Girdle or pantie girdle. A. P. Chase and G. P. Rosenfeld. 2,563,308, Aug. 7.
Girdle or the like. F. Niedermann. 2,575,460, Nov. 20.
Girdle, Sanitary and hygienic. F. Gillessen. 2,572,331, Oct. 23.
Gland seal for hydrogen-cooled machines. R. A. Baudry and B. B. Winer. 2,554,234, May 22.
Glass and batch therefor, Making. J. P. Poole. 2,552,495, May 8.
Glass- and lamp-supporting showcase rail, Combined. P. M. Ressinger. 2,559,371, July 3.
Glass and making, Multicellular. J. F. Hyde and S. D. Stookey. 2,564,978, Aug. 21.
Glass article and procedure for making it. A. H. Stewart. 2,536,399, Jan. 2.
Glass bead forming machine. P. Lebrun. 2,555,893, June 5.
Glass bending apparatus and method. J. E. Jendrisak. 2,551,606, May 8.
Glass bending mold. J. E. Jendrisak. 2,550,252, Apr. 24.
Glass beveling apparatus. J. F. Donnelly. 2,578,789, Dec. 18.
Glass blowing apparatus. A. F. Tremblay. 2,579,628, Dec. 25.
Glass blowing machine. L. N. Pond. 2,576,191, Nov. 27.
Glass burn-off and transfer machine, Combined. H. R. Schutz. 2,567,033, Sept. 4.
Glass cleaner. J. E. Spearman. 2,561,240, July 17.
Glass composition. H. R. Black and L. V. Gagin. 2,562,292, July 31.
Glass composition. J. J. Smith, J. E. Duncan, and H. A. Truby. 2,579,709, Dec. 25.
Glass composition. R. L. Tiede and F. V. Tooley. 2,571,074, Oct. 9.
Glass composition and making same. A. G. Pincus. 2,577,627, Dec. 4.
Glass compositions. J. E. Stanworth and A. E. Dale. 2,570,878, Oct. 9.
Glass cutting apparatus. L. V. Guild. 2,556,757, June 12.
Glass cutting apparatus. V. Palmer. 2,569,256, Sept. 25.
Glass-cutting table. R. C. Bowers. 2,578,919, Dec. 18.
Glass cutting tool. O. F. Walker. 2,539,601, Jan. 30.
Glass drawing machine bearing support. C. H. Hart. 2,571,239, Oct. 16.
Glass, Drinking. R. E. Gruber. 2,541,581, Feb. 13.
Glass edging machine. C. F. Klages. 2,561,929, July 24.
Glass fiber product and making same, Colored. J. H. Waggoner. 2,577,936, Dec. 11.
Glass fibers and making same, Coated. R. Steinman. 2,552,910, May 15.
Glass fibers and producing same, Coated. R. Steinman. 2,563,289, Aug. 7.
Glass fibers, Making colored. C. J. Stalego. 2,569,700, Oct. 2.
Glass fibers, Method and apparatus for producing. C. J. Stalego. 2,563,080, Aug. 7.
Glass filtering ultra violet radiations and objects made therewith. R. F. D. Navarre. 2,539,316, Jan. 23.
Glass for embedding zinc sulfide phosphors. W. J. Hushley. 2,573,200, Oct. 30.
Glass forming apparatus. A. A. Beaumariage, W. R. Wisner, and S. M. Dockerty 2,573,300, Oct 30
Glass forming machine. H. G. Molinari. 2,552,108, May 8.
Glass forming machine. A. Paterson. 2,538,533, Jan. 16.
Glass jewel bearing. U. Jelinek. 2,546,002, Mar. 20.
Glass, Laminated safety. J. D. Ryan. 2,567,353, Sept. 11.
Glass-lined pump. O. W. Greene. 2,536,638, Jan. 2.
Glass, Manufacture of thin flat. G. R. Miller. 2,551,279, May 1.
Glass mat for reinforcing plastics. G. Slayter. 2,577,214, Dec. 4.
Glass mat laminates. I. W. Ruderman. 2,561,449, July 24.
Glass mold. S. E. Winder. 2,538,822, Jan. 23.
Glass product and making the same. P. Modigliani. 2,546,230, Mar. 27.
Glass product and making the same, Fibrous. R. Steinman. 2,563,288, Aug. 7.
Glass, Production of. F. V. Tooley. 2,578,110, Dec. 11.
Glass retainer. L. M. Cook. 2,546,430, Mar. 27.
Glass run channel. D. C. Bailey. 2,555,952, June 5.
Glass run guide for vehicle windows. E. S. Hunt. 2,539,539, Jan. 30.
Glass sheet glazing unit having enclosed angled metal slats, Multiple. G. B. Watkins. 2,545,906, Mar. 20.
Glass spike detector. J. Mills. 2,578,573, Dec. 11.
Glass structure, Laminated. R. A. Gaiser and J. H. Boicey. 2,552,955, May 15.
Glass structures, in particular astronomical telescope mirrors, Manufacture of large. E. J. Jobling-Purser and S. M. Cox. 2,537,465, Jan. 9.
Glass-to-metal seal. R. F. Doran. 2,555,877, June 5.
Glass-to-metal seal, Making a. J. A. Pask and J. E. Schiveree. 2,560,593, July 17.
Glass tube bending apparatus. A. Greiner and A. W. Seitz. 2,542,325, Feb. 20.
Glass unit, Laminated. D. T. Downes. 2,576,392, Nov. 27.
Glassware forming machine. C. C. Kinker. 2,570,817, Oct. 9.
Glassware pressing mechanism. D. B. Westin. 2,565,155, Aug. 21.
Glassware spotter for stackers. S. P. Clark. 2,549,663, Apr. 17.
Glassware transferring mechanism. O. Smith and O. C. Dudley. 2,547,791, Apr. 3.
Glass washer. M. R. Anstice, Sr. 2,573,945, Nov. 6.
Glass washer. H. J. Lever. 2,571,902, Oct. 16.
Glass washing device. T. J. Hamilton. 2,563,528, Aug. 7.
Glasses and forming, Welding. E. D. Tillyer. 2,552,125, May 8.
Glasses with film strip mounted thereon, Opera. C. W. Armistead. 2,576,989, Dec. 4.
Glassine paper, Manufacture of. K. R. Karlson and C. E. Peterson. 2,566,130, Aug. 28.
Glaze breaker. J. R. Arthur. 2,549,043, Apr. 17.
Glazing bar. H. Radnall. 2,552,865, May 15.
Glazing strip. E. O. Ogren. 2,548,556, Apr. 10.
Glazing strips, Production of. C. G. Lyon. 2,575,669, Nov. 20.
Glazing structure. H. H. Crafton. 2,537,743, Jan. 9.

Glazing unit, Double. V. K. Holland. 2,539,079, Jan. 23.
Glazing unit with light modifying screen, Multiple. G. B. Watkins. 2,545,907, Mar. 20.
Glide path and localizer system. C. B. Watts, Jr. 2,539,500, Jan. 30.
Glider equipped with a safety device, Power actuated. A. H. Seifts. 2,552,223, May 8.
Glider for hand vacuum cleaners. E. P. Turner. 2,574,442, Nov. 6.
Glider, Furniture leg. P. D. Becker. 2,564,635, Aug. 14.
Glider, Furniture leg. R. E. Miller. 2,567,441, Sept. 11.
Glider, Mechanically operated baby. P. R. Coltrane. 2,566,983, Sept. 4.
Glider, Porch. B. McGehee. 2,567,611–12, Sept. 11.
Glider tail jack handle. R. S. Houghton. 2,570,240, Oct. 9.
Glider-type garment hanger. M. Wassarman. 2,549,730, Apr. 17.
Globe and support therefor, Inflatable. D. Elliot. 2,568,389, Sept. 18.
Globular articles, Producing. M. P. Kulp. 2,541,165, Feb. 13.
Gloss meter. K. Bowers and T. E. Mason. 2,578,625, Dec. 11.
Glossing paper. W. W. Cowgill. 2,554,662–3, May 29.
Glossy coatings on earthenware and metal, Producing. A. F. Max-Claudet. 2,554,373, May 22.
Glove. I. C. Collins. 2,552,258, May 8.
Glove. G. W. Geissmann. 2,545,272, Mar. 13.
Glove. S. Griffin. 2,547,388, Apr. 3.
Glove. B. Kennedy. 2,545,149, Mar. 13.
Glove. H. McB. Johnston. 2,538,837, Jan. 23.
Glove. F. Tatar. 2,544,515, Mar. 6.
Glove, Child's. H. A. and W. E. Buhl, Jr. 2,549,660, Apr. 17.
Glove for animated figures, Novelty. J. L. Baum. 2,546,209, Mar. 27.
Glove for archers. J. C. Ramsey. 2,555,203, May 29.
Glove, Golf. E. H. Patterson, Jr. 2,559,788, July 10.
Glove, Golf. E. H. Patterson, Jr. 2,566,580, Sept. 4.
Glove, Golfer's. D. Kramer. 2,554,991, May 29.
Glove in which a palm purse is incorporated. H. Le Clair. 2,551,889, May 8.
Glove, Shower massage. J. C. and S. F. Enrico. 2,562,418, July 31.
Glove, Ski. H. P. Henry. 2,563,724, Aug. 7.
Glove smoothing and stretching machine. T. G. Boldizzoni. 2,566,552, Sept. 4.
Glove testing. F. M. Isaacs. 2,543,911, Mar. 6.
Glove turning machine. R. E. Becker. 2,540,503, Feb. 6.
Glove, Thumbless boxing. C. W. Hilton. 2,556,759, June 12.
Gloves, Manufacturing. O. Hallén. 2,538,451, Jan. 16.
Glow discharge device. G. G. Carne. 2,541,335, Feb. 13.
Glow discharge device. W. G. Stieritz. 2,560,348, July 10.
Glow discharge voltage control device. V. L. Holdaway. 2,560,346, July 10.
Glow discharge voltage control device. R. L. Vance. 2,564,040, Aug. 14.
Glow tube counting circuit. G. E. Hagen. 2,575,517, Nov. 20.
Glow tube switch. G. E. Hagen. 2,575,516, Nov. 20.
Glow-tube voltage indicator. W. C. Linton. 2,575,279, Nov. 13.
Glucose derivative compositions. B. Osborne and H. E. Henneman. 2,554,152, May 22.
Glucosides from strophanthus sarmentosus and making same. T. Reichstein. 2,566,291, Aug. 28.
Glue applicator for bag sealing machines. E. E. Messmer and J. D. Sylvester. 2,576,472, Nov. 27.
Glue applying machine. L. Quick. 2,537,279, Jan. 9.
Glue applying machine. C. F. Schaefer. 2,557,696, June 19.
Glue dispenser. W. A. Leonard. 2,574,645, Nov. 13.
Glue drying apparatus and method. A. H. Zeigler. 2,556,954, June 12.
Glue supply means for packaging machines. M. P. Neal. 2,572,047, Oct. 23.
Gluing device, Box flap. M. P. Neal. 2,547,963, Apr. 10.
Gluing machine, Fiber case. E. J. Derderian. 2,579,802, Dec. 25.
Gluing machine, Margin. R. Minkow. 2,541,598, Feb. 13.
Gluing machine, Sheet material. R. Minkow. 2,554,587, May 29.
Gluing process, Rapid. A. J. Golick and J. J. Maas. 2,537,343, Jan. 9.
Glutam acid, Manufacture of. A. J. Schlaeger and F. A. Hoglan. 2,548,124, Apr. 10.
Glutamic acid amides, Preparing. C. W. Waller and R. B. Angier. 2,543,345, Feb. 27.
Glutamic acid, Manufacture of. W. F. Gresham and C. E. Schweitzer. 2,549,456, Apr. 17.
Glutamic acid monoesters, Preparing. C. W. Waller and J. C. Paterson. 2,561,323, July 17.
Glutamic acid, Production of. F. A. Hoglan and M. J. Blish. Re. 23,344, Feb. 27.
Glutamyl-glutamyl-glutamic esters. F. R. Koniuszy and K. Folkers. 2,538,104, Jan. 16.
Glutaraldehyde and C-substituted glutaraldehyde from dihydro pyrans, Production of. C. W. Smith and S. A. Ballard. 2,546,018, Mar. 20.
Glyceride compositions containing betaine derivatives. S. Shappirio. 2,536,100, Jan. 2.
Glyceridic oil compositions and producing same. H. W. Vahlteich, C. M. Gooding, and R. H. Neal. 2,578,649, Dec. 11.
Glycerin refining. L. J. Lofdahl and J. K. Gunther. 2,578,816, Dec. 18.
Glycidyl ester, Preparing. J. G. Erickson. 2,567,842, Sept. 11.
Glycidyl ester, Producing a. P. Edwards. 2,537,981, Jan. 16.
Glycidyl ether compositions. H. A. Newey and E. C. Shokal. 2,553,718, May 22.
Glycidyl ether compositions and using same. H. A. Newey and E. C. Shokal. 2,575,558, Nov. 20.
Glycinamides, Substituted. W. F. Bruce and J. Seifter. 2,548,863, Apr. 17.
Glycocyamidines, Preparing. E. I. Hoegberg. 2,557,911, June 19.
Glycol bis-chlorosulfinates. A. Pechukas. 2,576,139, Nov. 27.
Glycol esters of acyloxycarboxylic acids. E. M. Filachione, M. L. Fein, and C. H. Fisher. 2,578,684, Dec. 18.
Glycols and making same, Tri-substituted. E. Bergmann. 2,539,806, Jan. 30.
Goffering thermoplastic materials, Apparatus and method of. R. Colombo. 2,567,275, Sept. 11.
Goggle, Nonfogging. R. L. Malcom, Jr. 2,537,275, Jan. 9.
Goggle support. A. H. Friess. 2,549,445, Apr. 17.
Goggle, Variable density. V. K. Eloranta. 2,565,362, Aug. 21.
Goggles. W. Thomas. 2,539,284, Jan. 23.
Goggles, Safety. R. Malcom, Jr. 2,563,125, Aug. 7.
Goggles, Swim. W. E. Brown. 2,568,316, Sept. 18.
Gold alloys. J. M. Williams. 2,576,738–9, Nov. 27.
Gold berryllium alloy and making same. H. Hirsch and M. Kowalchik. 2,556,921, June 12.
Golf bag. M. Kish, Jr. 2,568,810, Sept. 25.
Golf bag attached article carrier. R. E. Cleveland. 2,536,725, Jan. 2.
Golf bag club holding means. J. R. Burton, Jr. 2,549,055, Apr. 17.
Golf bag stand. L. D. Oberlies, Sr. 2,564,917, Aug. 21.
Golf ball and tee holder, Combination. W. T. Previdi. 2,558,382, June 26.
Golf ball cleaner. R. Kaplan. 2,572,349, Oct. 23.
Golf ball holder. E. R. Wiseman. 2,548,330, Apr. 10.
Golf ball marker. E. J. Premo. 2,561,947, July 24.
Golf ball pocket, Elastic. W. T. Previdik. 2,537,701, Jan. 9.
Golf ball retriever. C. F. Burden. 2,551,486, May 1.
Golf ball retriever. C. I. Oberg. 2,561,815, July 24.
Golf ball retriever. R. H. Pfeiffer. 2,538,325, Jan. 16.
Golf ball retriever. M. Staunt. 2,549,257, Apr. 17.
Golf ball washer. I. F. Netterstrom. 2,540,687, Feb. 6.
Golf ball washer having a brush and a liquid reservoir, Portable C. Q. Cadman. 2,578,224, Dec. 11.
Golf balls, Manufacture of. G. W. T. Leeson. 2,558,860, July 3.
Golf cart, Bagless. O. L. Evans and W. H. Warth. 2,578,409, Dec. 11.
Golf club. A. F. Hockey. 2,542,081, Feb. 20.
Golf club. C. S. Milligan. 2,550,846, May 1.
Golf club and locking means therefor, Angularly adjustable. J. Verderber. 2,576.866, Nov. 27.
Golf club bag support. C. E. Walton. 2,571,088, Oct. 9.
Golf club box. C. D. Welshenbach. 2,559,552, July 3.
Golf club buggy. K. J. Van House. 2,570,504, Oct. 9.
Golf club carrier. B. Klum and W. Tucker. 2,577,333, Dec. 4.
Golf club carrier. W. J. May. 2,538,374, Jan. 16.
Golf club carrier. W. A. Stringer. 2,571,392, Oct. 16.
Golf-club carrier. G. M. Wick. 2,564,318, Aug. 14.
Golf club indicator. A. H. Bryant. 2,546,426, Mar. 27.
Golf driving mat and tee. G. E. Morgan. 2,573,107, Oct. 30.
Golf scorer. G. A. Clarke. 2,561,498, July 24.
Golf-shoe calk wrench. C. R. Daniels. 2,539,532, Jan. 30.
Golf swing practicing device. A. Riley. 2,563,276, Aug. 7.
Golf tee. R. F. Coleman and W. A. Hanger. 2,555,222, May 29.
Golf tee carrier. R. G. Cheney. 2,560,414, July 10.
Golf training device. J. Walker. 2,571,974, Oct. 16.
Gopher probe. T. A. Rianda. 2,539,271, Jan. 23.
Governed lowering power winch. G. E. Moore. 2,546,863, Mar. 27.
Governing means, including a fluid pressure responsive member and a control device therefor. R. J. Ifield. 2,564,263, Aug. 14.
Governing of free piston type internal-combustion compressors with respect to both cushion cylinder pressure and compressor cylinder inlet pressure. R. J. Welsh. 2,538,490, Jan. 16.
Governing of internal-combustion engines. K. Titze. 2,552,695, May 15.
Governor. J. L. Bogdanoff. 2,544,523, Mar. 6.
Governor and ignition system for internal-combustion engines, Combination. M. L. Smitley. 2,545,709, Mar. 20.
Governor, Centrifugal. S. F. Jacobsson and F. K. Van Almelo. 2,550,817, May 1.
Governor, Combined mechanical and pneumatic. W. J. Gewinner. 2,569,664, Oct. 2.

Governor for engines, Speed. E V Robnett, Jr. 2,556,485, June 12.
Governor for motors, Speed. C. H. Sparklin. 2,568,774, Sept. 25.
Governor, Fluid pressure. G. E. Parker. 2,565,041, Aug. 21.
Governor, Gas turbine. G. M. Holley, Jr., and A. W. Orr, Jr. 2,545,698, Mar. 20.
Governor mechanism. J. S. Dale. 2,571,842, Oct. 16.
Governor, Propeller pitch. H. Carson and J. W. Light. 2,545,684, Mar. 20.
Governor responsive to rate of change of speed, Hydraulic. A. F. Schwendner. 2,548,072, Apr. 10.
Governor shaft and yoke assembly. R. Reger. 2,540,910, Feb. 6.
Governor with adjusting mechanism. R. W. Phelps and L. T. Rutledge. 2,544,352, Mar. 6.
Gown, Examining and operating. R. W. Miller. 2,556,931, June 12.
Grab iron or ladder rung. O. A. Kuhler. 2,550,274, Apr. 24.
Grab unit. R. G. Le Tourneau. 2,573,667, Oct. 30.
Grade scoring board. A. B. Carlile. 2,538,504, Jan. 16.
Grader blade locking and manipulating means. J. H. Danuser. 2,564,355, Aug. 14.
Grading machine, Pattern. A. Pecher. 2,569,188, Sept. 25.
Grading machine, Road. E. B. Snead. 2,566,641, Sept. 4.
Grain car closure. F. X. Ouellet and A. Dorion. 2,550,856, May 1.
Grain car door. H. A. Coulter. 2,566,483, Sept. 4.
Grain cone. F. L. Carlson. 2,542,476, Feb. 20.
Grain cutter guard. W. I. Kenison. 2,576,122, Nov. 27.
Grain door. C. O. Thomas. 2,544,865, Mar. 13.
Grain drier. W. W. Jakubik. 2,561,925, July 24.
Grain drill. E. E. Schnell. 2,561,236, July 17.
Grain drill axle construction. W. A. Hyland. 2,556,086, June 5.
Grain drill depth control. N. Sandberg. 2,554,061, May 22.
Grain drill level indicator. W. A. Hyland. 2,570,952, Oct. 9.
Grain drying and cooling apparatus. R. W. Teeman and F. N. Kolberg. 2,537,379, Jan. 9.
Grain or seed cleaner. G. Unterberg. 2,573,778, Nov. 6.
Grain oriented ferromagnetic alloys, Producing. E. A. Gaugler. 2,569,468, Oct. 2.
Grain separating drum I. L. Stephenson. 2,577,488, Dec. 4.
Grain separator sieve section, Adjustable. P. W. Morrissey. 2,554,416, May 22.
Grain stacking machine. F. O. Zickerman. 2,539,359, Jan. 23.
Grain storage terminal. J. R. Morrow. 2,571,277, Oct. 16.
Grain stripping mechanism. C. S. Gray. 2,547,749, Apr. 3.
Graining machine for zinc offset-printing plates. W. F. Horst. 2,576,088, Nov. 27.
Granular coated webs and making same. R. L. Melton, R. C. Benner, and H. P. Kirchner. Re. 23,395, July 24.
Granular polymerization of polymerizable liquid organic compound in the presence of a hypophosphite. B. M. Marks. 2,576,720, Nov. 27.
Granular polyvinyl ethers, Preparation of. C. E. Schildknecht. 2,551,467, May 1.
Granular smokeless propellant powders. S. Gordon and E. Whitworth. 2,575,871, Nov. 20.
Granulation process. W. C. Gakenheimer. 2,540,253, Feb. 6.
Granule coated base, Producing a. M. I. Dorfan. 2,536,042, Jan. 2.
Granule depositing method and apparatus. C. G. Muench. 2,543,251, Feb. 27.
Grape cutter. W. Way. 2,561,082, July 17.
Graphic arts utility table. P. M. Nahmens. 2,568,358, Sept. 18.
Graphic proportionator. F. W. Rodman. 2,552,460, May 8.
Graphite anode. R. I. Thrune. 2,556,830, June 12.
Graphite gun. O. D. Shonnard. 2,578,751, Dec. 18.
Grapple. C. M. Hearn. 2,560,863, July 17.
Grapple. F. J. Light. 2,572,499, Oct. 23.
Grapple. D. I. Williams and J. Rajeska. 2,558,114, June 26.
Grappling device. M. G. Murray and R. W. Porter. 2,573,867, Nov. 6.
Grass and weed cutter. R. L. Goodpasture. 2,564,477, Aug. 14.
Grass catcher for lawn mowers, Dumping type of. K. F. Whittaker. 2,579,103, Dec. 18.
Grass catching attachment for lawn mowers. R. H. Weisert. 2,568,045, Sept. 18.
Grass cutter machine for trimming grass edges. R. F. Presswood. 2,541,284, Feb. 13.
Grass distributing device for lawn mowers. A. A. Gabrielson. 2,570,541, Oct. 9.
Grass edger, Blade type. S. Riggs. 2,540,597, Feb. 6.
Grasshopper dispenser. W. E. Cave. 2,579,549, Dec. 25.
Grate bar assembly, Hollow. J. Batík. 2,569,438, Oct. 2.
Grate, Burner. C. M. Mayer. 2,571,741, Oct. 16.
Grate, Clinker crushing furnace. H. H. Culver. 2,574,021, Nov. 6.
Grate for batch sintering machines, Side discharge. W. Kelsey. 2,571,582, Oct. 16.
Grate for refuse burning furnaces, Dump. A. D. Simpson. 2,557,013, June 12.
Grate, Furnace. J. P. Badenhausen. 2,563,388, Aug. 7.
Grate, Portable fire basket type of. M. H. Garfunkle. 2,550,057, Apr. 24.
Grate structure and ash remover, Movable. W. F. Pfau. 2,558,626, June 26.
Grater, Adjustable food. J. W. Wickner. 2,550,896, May 1.
Grates, including clutch operating means, Plural endless. E. C. Miller. 2,538,117, Jan. 16.
Grave digger. M. G. Crossley. 2,561,343, July 24.
Gravitational motion for vertical levers on two-wheeled load transporting vehicles. P. Danalis. 2,562,701, July 31.
Gravity die casting of light metal frames. A. C. Bridge. 2,550,037, Apr. 24.
Gravity feed fuel control means for wick type burners. A. Nelson. 2,569,944, Oct. 2.
Gravity operated sound-producing toy vehicle. R. E. Phillips. 2,543,375, Feb. 27.
Gravity supporting internal attachment for telephone hand sets. W. E. Neiman. 2,554,309, May 22.
Gray cast iron. A. P. Gagnebin and W. M. Spear. 2,542,655, Feb. 20.
Grease, Baker's. R. S. Truesdell. 2,559,481, July 3.
Grease composition. E. S. Carmichael and E. L. Armstrong. 2,564,561, Aug. 14.
Grease composition and manufacture. O. P. Puryear and M. D. Bray. 2,542,570, Feb. 20.
Grease composition, Lubricating. H. G. Smith and T. L. Cantrell. 2,545,114, Mar. 13.
Grease compositions. R. G. Davies and R. W. Noad. 2,566,793, Sept. 4.
Grease containing silica gel treated with a polyhydric alcohol. C. N. Kimberlin, Jr., and A. B. Small. 2,563,606, Aug. 7.
Grease containing soaps of tall oil, Lubricating. A. J. Morway and J. J. Kolfenbach. 2,576,031, Nov. 20.
Grease gun coupling connector. E. A. Miller. 2,553,861, May 22.
Grease gun filler with spring biased expansible follower. C. Sands. 2,545,531, Mar. 20.
Grease gun, Hydraulic. H. E. Ballard. 2,563,636, Aug. 7.
Grease, Lubricating. A. J. Morway and D. W. Young. 2,576,032, Nov. 20.
Grease manufacture, Continuous. L. B. Stevens. 2,542,159, Feb. 20.
Grease mop for griddles. D. C. Steward. 2,560,008, July 10.
Grease pump. H. B. Caldwell. 2,546,585, Mar. 27.
Grease trap. A. V. Raaberg and J. W. Crays. 2,564,172, Aug. 14.
Green corn cutter. C. E. Kerr. 2,577,530, Dec. 4.
Greenhouse construction. F. A. Stocking, Jr. 2,545,713, Mar. 20.
Greenhouse substitute glass installing fixture. A. Knorr. 2,555,138, May 29.
Grenade. L. H. Cook. 2,564,751, Aug. 21.
Grenade. B. Lewis. 2,562,928, Aug. 7.
Grid and waffle design rug cushion. J. C. Gordon. 2,572,470, Oct. 23.
Grid assembly and fabrication. E. J. Walsh. 2,567,415, Sept. 11.
Grid assembly for bottle loading machines. S. L. Leach. 2,540,743, Feb. 6.
Grid electrode structure and manufacturing method therefor. E. J. Walsh. 2,549,551, Apr. 17.
Grid for electron discharge devices. G. G. Carne. 2,543,400, Feb. 27.
Grid for electron discharge tubes, Coated. L. Apker. 2,556,864, June 12.
Grid for ice trays. R. L. Hallock. 2,547,389, Apr. 3.
Grid for meat tendering appliances, Meat-separating. H. C. Boettcher. 2,537,003, Jan. 9.
Grid rolling shutter. G. Poggi. 2,563,549, Aug. 7.
Grid structure for refrigerators. G. Roud. 2,549,015, Apr. 17.
Grid structures, Making. W. N. Parker. 2,565,623, Aug. 28.
Griddle cake machine. C. E. Dashwood. 2,571,344, Oct. 16.
Griddlecake machine. A. W. Massecar. 2,571,373, Oct. 16.
Grill. R. B. Elmer. 2,536,630, Jan. 2.
Grill, Automatic sandwich. W. S. Fredenhagen and M. S. Schmidt. 2,565,174, Aug. 21.
Grill, Barbecue. H. A. Hagopian. 2,577,963, Dec. 11.
Grill, Coke breaking. S. M. Kass. 2,539,140, Jan. 23.
Grill, Outdoor. S. K. Wolff. 2,575,082, Nov. 13.
Grill-spatula assembly. F. W. Heckert. 2,579,258, Dec. 18.
Grill, Stove. A. A. Danielsen. 2,559,710, July 10.
Grill structure, Barbecue. V. A. Benson. 2,542,109, Feb. 20.
Grille, Adjustable screen door. R. H. Hutchinson. 2,562,428, July 31.
Grille and screen for radiators, Combined. H. Dreyfuss. 2,542,238, Feb. 20.
Grille construction, Adjustable. R. R. Lambert. 2,552,982, May 15.
Grille for self-contained air-conditioning units. C. G. Alt. 2,565,836, Aug. 28.

Grille for ventilating apparatus, Removable. G. H. Koch. 2,571,726, Oct. 16.
Grille guard for automobiles. H. E. Harden. 2,572,477, Oct. 23.
Grille, Laminar counterflow. R. R. Lambert. 2,560,802, July 17.
Grille, Multiposition liquid fuel burner. E. H. Haugen. 2,552,550, May 15.
Grille, Safety. P. C. Reilly and F. H. Cardwell. 2,563,617, Aug. 7.
Grille unit and carrying case for portable stoves. B. B. Balkema. 2,570,508, Oct. 9.
Grinder. R. M. Snively. 2,563,286, Aug. 7.
Grinder and mixer, Disk. E. S. Scott. 2,550,301, Apr. 24.
Grinder and refacing tool, Valve seat. N. Christensen. 2,567,319, Sept. 11.
Grinder, Anvil. C. Trost. 2,562,753, July 31.
Grinder attachment for electrical food mixers. H. Wolbaum. 2,573,377, Oct. 30.
Grinder, Centerless. W. Ogilvie. 2,552,447, May 8.
Grinder, Centerless. J. W. Smith. 2,579,520, Dec. 25.
Grinder, Cylinder block ridge. E. F. Frost. 2,541,412, Feb. 13.
Grinder, Cylinder ridge. D. W. Baldwin, W. G. Thompson, and W. A. Clements. 2,546,490, Mar. 27.
Grinder for pigments and other materials. H. F. Bakewell. 2,556,641, June 12.
Grinder for sharpening cutlery. F. W. Kublin. 2,570,564, Oct. 9.
Grinder for small circular saws, Automatic. H. A. Hamberger. 2,570,118, Oct. 2.
Grinder for the spherical ends of rollers. J. M. Roshong. 2,551,568, May 1.
Grinder for woodworking machines, Portable knife. B. G. Walters. 2,549,147, Apr. 17.
Grinder, Garbage. G. R. Coss and K. M. Hammell. 2,567,992, Sept. 18.
Grinder, Garbage. K. M. Hammell. 2,536,929, Jan. 2.
Grinder head, Thermally controlled. R. P. and J. R. Garrison. Re. 23,367, May 22.
Grinder mechanism for waste disposal apparatus. J. H. Powers. 2,565,322, Aug. 21.
Grinder, Portable automatic-tension. A. B. Skromme. 2,573,501, Oct. 30.
Grinder, Reversible single layer wire. L. Illmer and V. R. Pallas. 2,551,377, May 1.
Grinder, Step drill. R. T. Murray. 2,564,496, Aug. 14.
Grinder support attachment for main journals and the like without removal of the shaft. E. Sawyer. 2,574,228, Nov. 6.
Grinder, Valve. F. L. Earll. 2,576,333, Nov. 27.
Grinder, Waste food. C. H. Ewing. 2,555,583, June 5.
Grinder, Wheel. H. G. Foster. 2,575,212, Nov. 13.
Grinding and drainage means for waste disposal apparatus. J. H. Powers. 2,562,736, July 31.
Grinding and finishing strip metal. A. E. Hamilton. 2,540,367, Feb. 6.
Grinding and polishing apparatus. A. E. Hamilton. 2,536,444, Jan. 2.
Grinding and polishing machine, Centerless. K. W. Macdonald. 2,536,757, Jan. 2.
Grinding and polishing machine, Glass. W. R. Robbins. 2,571,614, Oct. 16.
Grinding and sharpening machine. T. R. Harris. 2,540,443, Feb. 6.
Grinding apparatus, Spherical. D. A. Middaugh. 2,558,771, July 3.
Grinding attachment, Planer blade. C. R. Leighton. 2,579,680, Dec. 25.
Grinding block. F. A. Vavrin. 2,539,289, Jan. 23.
Grinding device. W. Crafton and J. G. Young. 2,547,442, Apr. 3.
Grinding device, Centerless. F. J. Stevens. 2,547,290, Apr. 3.
Grinding device, Crankshaft. J. C. Stodgell. 2,571,779, Oct. 16.
Grinding device, Rocker arm. A. W. Jones, Sr. 2,566,893, Sept. 4.
Grinding disk or pulverizer. J. Niethamer. 2,572,373, Oct. 23.
Grinding flat glass on both faces simultaneously, Method and apparatus for. J. H. Griffin. 2,577,889, Dec. 11.
Grinding flat glass on both faces simultaneously, Method of and apparatus for. F. B. Waldron and J. H. Griffin. 2,577,937, Dec. 11.
Grinding gauge. A. Klepal. 2,555,447, June 5.
Grinding machine. A. F. Alt and J. Decker. 2,537,389, Jan. 9.
Grinding machine. C. C. Alvord. 2,567,589, Sept. 11.
Grinding machine. B. P. Appel and J. F. Klukan. 2,557,248, June 19.
Grinding machine. A. G. Belden. 2,559,531, July 3.
Grinding machine. W. M. Bura. 2,539,506, Jan. 30.
Grinding machine. H. B. Duncan. 2,566,059, Aug. 28.
Grinding machine. E. Fouquet. 2,545,730, Mar. 20.
Grinding machine. M. A. Hollengreen, H. E. Balsiger, and M. S. Gjesdahl. 2,556,843, June 12.
Grinding machine. M. Jellis and W. Darby. 2,554,740, May 29.
Grinding machine. A. W. Klomp. 2,552,284, May 8.
Grinding machine. E. C. Oliver. 2,538,532, Jan. 16.
Grinding machine. E. C. Oliver. 2,552,645, May 15.
Grinding machine. C. W. Sectish. 2,539,107, Jan. 23.
Grinding machine. H. J. Shelton, Jr. 2,577,716, Dec. 4.
Grinding machine. H. A. Silven. 2,572,529, Oct. 23.
Grinding machine, Adjustable tool. W. W. Warfel. 2,554,689, May 29.
Grinding machine attachment. S. J. Kopec. 2,545,618, Mar. 20.
Grinding machine attachment. S. J. Kopec. 2,574,112, Nov. 6.
Grinding machine attachment for grinding helical teeth. S. J. Kopec. 2,574,111, Nov. 6.
Grinding machine, Automatic. R. E. McCoy. 2,572,364, Oct. 23.
Grinding machine, Bowling alley. A. E. Zwoboda and D. Benedict. 2,550,749, May 1.
Grinding machine, Cam. R. P. Hook. 2,556,811, June 12.
Grinding machine, Chain saw. D. R. Fitch. 2,568062, Sept. 18.
Grinding machine, Cutter. L. D. Whittlesey and O. L. Strand. 2,548,277, Apr. 10.
Grinding machine for shear blades or the like. H. C. Wheeler. 2,546,914, Mar. 27.
Grinding machine, Gear. W. C. Critchley and H. A. Male. 2,566,402, Sept. 4.
Grinding machine, Ice skate. J. Fello. 2,563,018, Aug. 7.
Grinding machine, Locomotive and car wheel. J. G. Julian and F. A. Daniels, Sr. 2,546,225, Mar. 27.
Grinding machine, Piston. C. J. Green. 2,559,534, July 3.
Grinding machine, Thread. C. B. Ziegler. 2,557,166, June 19.
Grinding machine, Tool. S. S. Mader. 2,544,604, Mar. 6.
Grinding machine, Tube thread. C. A. Reimschissel and G. E. Hieber. 2,576,239, Nov. 27.
Grinding machine, Valve. S. J. Petersen. 2,560,816, July 17.
Grinding machine, Way. E. L. McFerren. 2,561,936, July 24.
Grinding mechanism, Saw. S. R. Battocchi. 2,547,553, Apr. 3.
Grinding method and apparatus. R. L. Young. 2,571,324, Oct. 16.
Grinding, Method and apparatus for. J. C. Wilson and W. G. Baldenhofer. 2,561,004, July 17.
Grinding method and machine. J. C. Wilson. 2,576,201, Nov 27.
Grinding of organic materials. J. W. Ayers. 2,565,420, Aug. 21.
Grinding, polishing, and feather-edging tool. C. P. Rhees. 2,567,782, Sept. 11.
Grinding, polishing, or surfacing machine. D. Pascotto. 2,578,588, Dec. 11.
Grinding roll mill. L. A. L. M. Penigault. 2,563,266, Aug. 7.
Grinding tool. C. K. Ramp. 2,549,521, Apr. 17.
Grinding wheel construction. L. H. Milligan and R. H. Lombard. 2,537,541, Jan. 9.
Grinding wheel knife sharpening attachment. K. T. Keller. 2,562,618, July 31.
Grinding wheel truing mechanism. W. L. Tancred. 2,575,984, Nov. 20.
Grip for polish rods. J. P. Ratigan. 2,551,636, May 8.
Gripper for the tops of bags, sacks, and the like. H. Anderson. 2,561,306, July 17.
Gripper loom. W. H. Edwards. 2,538,674, Jan. 16.
Gripper mechanism for Axminister-carpet and other tufted-fabric looms. C. C. Brinton. 2,539,180, Jan. 23.
Gripper release mechanism for sheet handling machines. H. Bobst. 2,579,540, Dec. 25.
Gripper-shuttle loom. E. Pfarrwaller. 2,578,205, Dec. 11.
Gripper transfer device. R. M. Gamble. 2,554,699, May 29.
Gripping and disassembling tool. J. R. Nichols. 2,568,294, Sept. 18.
Gripping and lifting device. P. A. Thelin. 2,543,947, Mar. 6.
Gripping and transferring device for bottles and the like. G. E. Rowe. 2,561,536, July 24.
Gripping or expanding device having three or more pivoted jaw shanks operated by two hand grips. C. B. Hodell. 2,542,027, Feb. 20.
Gripping or lifting means. L. Eastlund. 2,560,936, July 17.
Gripping ring and sun gear, Lever mounted double pawl alternately. W. D. Ellison. 2,542,015, Feb. 20.
Grommet. J. de Swart. 2,559,759, July 10.
Grommet forming machine. W. M. Young. 2,538,404, Jan. 16.
Grommet inserting mechanism. E. A. Brickman. 2,559,847, July 10.
Groove cutting or inletting tool. L. N. Niccolls. 2,559,987, July 10.
Grooving tool. G. H. Leonard. 2,547,915, Apr. 3.
Ground engaging support. J. R. Tricarico. 2,554,887, May 29.
Ground brake for roller skates. L. H. Rice. 2,566,747, Sept. 4.

Ground-contacting surface for shoe soles. I. Hoffenberg. 2,570,949, Oct. 9.
Ground leveling device. C. M. Goodspeed. 2,561,854, July 24.
Ground potential and line interference correcting apparatus and method. R. L. Morris and F. H. Detweiler. 2,561,401, July 24.
Ground protective system. M. E. Reagan. 2,542,838, Feb. 20.
Ground strap. M. D. Bergan. 2,554,169, May 22.
Ground testing device. J. D. Wood. 2,579,992, Dec. 25.
Ground trainer for aircraft personnel. C. E. Germanton. 2,564,429, Aug. 14.
Ground trainer for aircraft personnel. H. A. Giroud. 2,556,964, June 12.
Ground trainer for training aircraft crews. R. O. Rippere. 2,554,155, May 22.
Ground wire assembly. J. B. Clapp. 2,541,406, Feb. 13.
Grounded phase selector. C. G. Dewey. 2,560,217, July 10.
Grounding arrangement for high-frequency transfer switches. A. Proctor. 2,543,804, Mar. 6.
Grounding contact. F. E. Hutchison. 2,549,471, Apr. 17.
Grounding device for electrical conductors. O. C. Mudd. 2,552,208, May 8.
Grounding device for telephone lines. M. R. Chipley. 2,579,139, Dec. 18.
Grounding device, Safety. A. J. Stover. 2,541,788, Feb. 13.
Grounding switch operating mechanism. C. W. Smith. 2,571,960, Oct. 16.
Group busy signaling at remote toll boards. J. Wicks. 2,564,088, Aug. 14.
Group VIII silicate catalyst on nonsiliceous support. J. P. W. Houtman, W. F. Engel, H. Hoog, and P. van't Spijker. 2,548,159, Apr. 10.
Group selection control circuit. M. den Hertog. 2,561,051, July 17.
Grouting material. G. W. Koehn and A. P. Myers. 2,536,375, Jan. 2.
Grouting process and apparatus. L. S. Wertz. 2,560,619, July 17.
Growing crystals. H. Jaffe, E. M. Brazis, and B. Kjellgren. 2,546,305, Mar. 27.
Growing crystals. O. Kornei. 2,546,310, Mar. 27.
Growing crystals, Method of and apparatus for. F. Balduzzi. 2,571,651, Oct. 16.
Grubbing machine. E. E. Rowe. 2,546,786, Mar. 27.
Guanidine from urea and carbon disulfide. N. H. Marsh. 2,557,985, June 26.
Guanidine salt, Preparation of. N. H. Marsh. 2,537,938, Jan. 9.
Guanidine salts, Preparation of. N. H. Marsh. 2,571,911, Oct. 16.
Guanidine sulfate, Production of. N. H. Marsh. 2,567,676, Sept. 11.
Guanidine sulfate, Preparation of. N. H. Marsh. 2,567,677, Sept. 11.
Guanidine thiocyanate, Preparation of. N. H. Marsh. 2,567,955, Sept. 18.
Guanylmelamines and preparing. A. F. MacLean. 2,537,840, Jan. 9.
Guanylmelamines, Substituted. D. W. Kaiser and B. C. Redmon. 2,537,834, Jan. 9.
Guard. J. Johnson. 2,552,096, May 8.
Guard and band, Watch. J. F. McClelland. 2,565,822, Aug. 28.
Guard and handle, Lamp. F. C. Kollath. 2,549,487, Apr. 17.
Guard, Bed. E. L. Greensfelder. 2,557,538, June 19.
Guard, Boxer's head. M. H. Yealdhall. 2,546,842, Mar. 27.
Guard, Fingernail. H. H. Turner. 2,546,619, Mar. 27.
Guard, Fingernail polish. L. Pfister. 2,557,759, June 19.
Guard for clothes wringers, Finger. T. H. Buchanan. 2,545,569, Mar. 20.
Guard for coasting sleds, Safety. M. A. Holbrook. 2,547,209, Apr. 3.
Guard for containers, Splash. E. E. Murray. 2,546,040, Mar. 20.
Guard for derrick ladders, Collapsible safety. L. E. Hay. 2,539,664, Jan. 30.
Guard for duplicating machines, Safety. C. W. Hughson. 2,557,107, June 19.
Guard for electric outlets, Safety. E. M. Getzoff. 2,559,151, July 3.
Guard for highway line marks. H. L. Martin. 2,551,846, May 8.
Guard for planter runner, Dirt. W. P. Oehler. 2,554,205, May 22.
Guard for power presses, Safety. W. H. Roy. 2,568,367, Sept. 18.
Guard for resetting mechanisms of combination locks. O. H. Eiffert and H. S. Thomas, Jr. 2,573,189, Oct. 30.
Guard for sewing machines. R. Pelletier. 2,570,705, Oct. 9.
Guard for slicing machines, Knife. J. W. Lubberhuizen. 2,566,574, Sept. 4.
Guard for vacuum tubes. E. F. Staver. 2,575,601, Nov. 20.
Guard for winch assemblies, Cable. E. F. Cline. 2,549,172, Apr. 17.
Guard, Ironing board clothes. F. J. Rauscher. 2,564,627, Aug. 14.
Guard mechanism for trimming presses, Hold-down. J. D. Foley. 2,539,902, Jan. 30.
Guard plate for slicing machines. C. Klingens and H. Thomas. 2,573,629, Oct. 30.
Guard rail assembly. G. H. Riddle. 2,542,840, Feb. 20.
Guard, Road. W. C. Martin and D. K. MacLeod. 2,536,760, Jan. 2.
Guard, Safety razor. R. Eisenberg and H. Feuer. 2,548,959, Apr. 17.
Guard, Self-grip waterproof blow distributing shin. J. P. Taylor. 2,553,612, May 22.
Guard, Shoulder. R. C. Engel. 2,551,255, May 1.
Guard, Spatter. K. E. Belau. 2,565,905, Aug. 28.
Guard with signal means, Wheel. T. J. O'Meara. 2,567,443, Sept. 11.
Guard, Wrist watch. L. E. Innes. 2,546,859, Mar. 27.
Guide and stabilizer, Wire line. C. T. Lewis. 2,565,693, Aug. 28.
Guide and tensioner for crocheting thread. H. E. Booth. 2,539,568, Jan. 30.
Guide assembly for reels. W. O'Keefe. 2,556,937, June 12.
Guide attachment for sewing machines, Stitching. G. Becker. 2,554,168, May 22.
Guide, Band tool. W. B. Boice. 2,566,551, Sept. 4.
Guide, Basting. H. E. Christenson. 2,553,631, May 22.
Guide bearing. S. J. Needs. 2,553,107, May 15.
Guide device, Roughing. R. J. Hindle and J. D. Carrier. 2,544,880, Mar. 13.
Guide disk for magnetic recording and reproducing devices. J. H. Rouse. 2,554,347, May 22.
Guide, Drawer. C. M. Skamser. 2,559,322, July 3.
Guide for ball flush valves. L. A. Minton. 2,549,700, Apr. 17.
Guide for can opening key and tear strip. J. H. Bulger. 2,542,116, Feb. 20.
Guide for can-opening keys and tear strips. B. C. Schluter. 2,572,820, Oct. 23.
Guide for correcting typewriting. G. L. Nicely. 2,558,147, June 26.
Guide for creels, Adjustable yarn. E. J. McBride. 2,536,761, Jan. 2.
Guide for cutting machines, Knife. F. G. Clark. 2,545,842, Mar. 20.
Guide for cutting torches, Radius. H. S. Hedley. 2,547,320, Apr. 3.
Guide for drilling implements. G. H. Fuehrer. 2,555,404, June 5.
Guide for electrode mounts. H. E. Baker and C. A. Young. 2,549,046, Apr. 17.
Guide for farm machines, Gravity actuated. R. A. Bruflat. 2,555,954, June 5.
Guide for flush ball lift rods. B. L. McWilliams. 2,546,766, Mar. 27.
Guide for motor vehicles, Steering. W. Dzus. 2,553,963, May 22.
Guide for positioning X-ray lamps. J. S. Wright. 2,553,028, May 15.
Guide for power saws, Miter. W. Hess and H. E. Watkins. 2,558,217, June 26.
Guide for producing clothes patterns. H. A. Ramm. 2,540,405, Feb. 6.
Guide for radio-electric waves associated with elements for regulating the propagation of said waves. H. Gutton and A. J. Ortusi. 2,543,627, Feb. 27.
Guide for textile looms, Automatic filling. C. N. Perry. 2,544,803, Mar. 13.
Guide for truck bodies, Wire line. J. W. Hightower. 2,553,766, May 22.
Guide for typewriters, Ruling. I. G. Sellers. 2,551,346, May 1.
Guide for visible index systems, Inner. W. J. Redmond and E. L. Sayers. 2,568,302, Sept. 18.
Guide for window sashes. L. Zeman. 2,578,120, Dec. 11.
Guide level for boring drills. M. J. Terry, Jr. 2,551,301, May 1.
Guide means for handbag frames. W. A. Dion. 2,556,960, June 12.
Guide, Printing press side. H. W. Gegenheimer. 2,553,758, May 22.
Guide rod for small grain elevators. M. W. Roscoe and R. L. Beldin. 2,560,823, July 17.
Guide rod for the oil port valve of an accumulator, Spring controlled. J. G. Mercier and E. M. Greer. 2,546,648, Mar. 27.
Guided toy vehicle. C. O. Jaeger. 2,575,055, Nov. 13.
Guiding and connecting means for pile-driving hammers and piles. H. Johansen and A. A. Visintainer. 2,562,039, July 24.
Guiding and preventing lateral displacement of cam followers. V. E. Palumbo. 2,567,576, Sept. 11.
Guiding apparatus, Implement. F. H. Walden. 2,567,414, Sept. 11.
Guiding means for movement of solid materials. C. H. Prescott, Jr. 2,547,409, Apr. 3.
Guiding mechanism of a one man tree feller, Crosscut saw. A. Ficken. 2,557,268, June 19.
Guiding of threads or filaments. S. W. Barker. 2,553,127, May 15.
Guideway and translation device, Ball-bearing rectilinear. A. Kolks. 2,540,125, Feb. 6.
Guillotine knife-improved values for hydraulic clamp. F. W. Seybold and N. Herman. 2,574,501, Nov. 13.

Guitar bridge, Adjustable. S. Melita. 2,565,253, Aug. 21.
Guitar stand. A. P. Citro. 2,547,924, Apr. 10.
Guitar stand. L. E. Schaf. 2,559,200, July 3.
Gumming machine. J. P. Guerra. 2,570,544, Oct. 9.
Gun apparatus, Cement. I. M. Ridley. 2,569,952, Oct. 2.
Gun carriage, Mobile. W. F. McCann and L. H. Johnson. 2,549,835, Apr. 24.
Gun carrier. R. F. Bates. 2,536,252, Jan. 2.
Gun-carrying case. R. C. Hanson. 2,542,667, Feb. 20.
Gun case. J. E. Crew and C. P. Wilbert. 2,574,730, Nov. 13.
Gun charger. P. E. Humphrey. 2,576,015, Nov. 20.
Gun charger. W. A. V. Thomsen. 2,575,368, Nov. 20.
Gun charger, Automatic. G. A. Goepfrich and W. C. Rohn. 2,572,612, Oct. 23.
Gun construction for blast gas spraying heat fusible materials. A. P. Shepard. 2,539,487, Jan. 30.
Gun control apparatus. J. L. Borden, Jr. 2,578,666, Dec. 18.
Gun control system. A. P. Davis. 2,577,650, Dec. 4.
Gun control system, Automatic. W. H. Newell, J. D. Tear, and L. S. Brown. 2,569,571, Oct. 2.
Gun, Electric air. I. R. Cook. 2,568,432, Sept. 18.
Gun fire control mechanism. C. D. Bock. 2,562,981, Aug. 7.
Gunfire director. D. J. Stewart. 2,549,030, Apr. 17.
Gun, Fluid discharge. W. W. Taylor. 2,579,625, Dec. 25.
Gun, Fluid pressure operated. E. R. Fitch. 2,566,181, Aug. 28.
Gun for dispensing plastic material. C. A. Strohmeier. 2,547,179, Apr. 3.
Gun hand guard. J. D. Crosby. 2,563,923, Aug. 14.
Gun, High acceleration shock testing air. C. A. Shreeve, Jr., J. H. Armstrong, and J. Fishkin. 2,537,096, Jan. 9.
Gun lining, Replaceable. L. Mackta. 2,549,832, Apr. 24.
Gun, Metal spray. W. G. Sherman. 2,539,642, Jan. 30.
Gun mount. T. C. du Bois. 2,554,019, May 22.
Gun mounting. L. Motley. 2,556,549, June 12.
Gun mounting. A. G. Rose. 2,566,855, Sept. 4.
Gun mounting. J. J. Ryan and D. Clegg. 2,538,045, Jan. 16.
Gun of the swinging barrel type, Double-barrel. V. M. M. Lambert. 2,577,335, Dec. 4.
Gun or the like, Spray. J. C. Woosley, L. M. Pepper, and E. E. McCoy, Jr. 2,557,243, June 19.
Gun perforator. R. D. Elliott. 2,545,024, Mar. 13.
Gun perforator. I. J. McCullough. 2,551,031, May 1.
Gun perforator for well casings. J. O. Tow. 2,565,788, Aug. 28.
Gun perforator, Well casing. J. O. Tow. 2,565,789, Aug. 28.
Gun, Plastic extrusion. W. R. Myers and A. S. Tennant. 2,567,960, Sept. 18.
Gun, Pressure expansion. R. S. Chapman. 2,539,991, Jan. 30.
Gun rack. F. Hunter. 2,556,329, June 12.
Gunrack for automobiles. E. B. Page and J. P. Vonich. 2,552,293, May 8.
Gun rest. D. E. Martin. 2,569,435, Sept. 25.
Gun sight. H. N. Beckerman. 2,553,540, May 22.
Gun sight. M. P. Buehler. 2,575,653, Nov. 20.
Gun sight. H .C. Ford. 2,569,560, Oct. 2.
Gun sight. J. S. Hellen. 2,561,924, July 24.
Gun sight. E. H. Irasek. 2,576,120, Nov. 27.
Gun sight. A. Klein. 2,555,888, June 5.
Gun sight. F. V. Kuzmitz and B. J. South. 2,569,010, Sept. 25.
Gun sight. J. Trippi. 2,566,590, Sept. 4.
Gun sight. P. R. Wheeler. 2,548,925, Apr. 17.
Gun sight, Adjustable. W. F. Cobb. 2,561,909, July 24.
Gunsight, Adjustable. E. C. Neal. 2,543,123, Feb. 27.
Gun sight, Computing. F. A. Lyon. 2,577,785, Dec. 11.
Gun sight control. W. H. Newell and L. S. Brown. 2,550,712, May 1.
Gun sight mounting. G. M. and B. G. Fischer. 2,576,007, Nov. 20.
Gun sight mounting. H. A. Williams. 2,578,386, Dec. 11.
Gun sight, Supplemental rear. A. E. Pierce. 2,546,777, Mar. 27.
Gun sight, Trigger-operated. J. D. Hazen and W. D. Merrill. 2,550,694, May 1.
Gun sighting aid. G. Hanson. 2,543,848, Mar. 6.
Gun sling. J. D. Bennek. 2,576,559, Nov. 27.
Gun sling. M. K. Colby. 2,574,143, Nov. 6.
Gun, Spray. D. J. Peeps. 2,552,907, May 15.
Gun, Spray. J. A. Wilkins and D. Wilkins, Jr. 2,566,392, Sept. 4.
Gun, Spring marble. F. S. Kralovic. 2,539,957, Jan. 30.
Gun structure, Electron. R. E. Johnson. 2,540,621, Feb. 6.
Gun support. C. C. Merrill. 2,542,343, Feb. 20.
Gun support. E. A. Pelto. 2,543,703, Feb. 27.
Gun support. G. K. Richardson. 2,537,236, Jan. 9.
Gun synchronizing apparatus. S. J. Barr. 2,560,540, July 17.
Gun telescope mounting. B. W. Jones. 2,576,347, Nov. 27.
Gun trap for predatory animals. H. R. Graybill. 2,575,515, Nov. 20.
Gun trunnion. H. F. Franklin. 2,564,568, Aug. 14.
Gun turret. R. E. Duplessis. 2,559,714, July 10.
Gusset for school bags, Continuous folded. P. Benenfeld. 2,539,051, Jan. 23.
Gust lock. J. P. Nix. 2,570,586, Oct. 9.
Gutter, Rain. F. J. Swartz. 2,537,243, Jan. 9.
Gutter terminal. V. F. Schmitt. 2,545,898, Mar. 20.
Gyrating device. E. A. Ebert. 2,537,980, Jan. 16.
Gyratory ball mill having a gyrated chamber with a peripheral discharge. L. G. Symons. 2,540,358, Feb. 6.
Gyratory crusher. A. W. Lippmann. 2,579,238, Dec. 18.
Gyratory crusher. R. W. Stevens. 2,553,987–8, May 22.
Gyratory crusher. R. W. Stevens and D. J. Mackey. 2,555,064, May 29.
Gyratory crusher with mating friction and drag rings on head and inner shell. A. W. Lippmann. 2,579,239, Dec. 18.
Gyratory crusher with vertically adjustable head. A. J. Roubal. 2,579,516, Dec. 25.
Gyro, Attitude. O. E. Esval, W. Wrigley, and R. Haskins, Jr. 2,546,989, Apr. 3.
Gyro erecting arrangement. E. E. Lynch and E. R. Gardner. 2,555,981, June 5.
Gyro erecting means. H. Konet. 2,572,733, Oct. 23.
Gyro erection apparatus. O. H. Schuck. 2,559,094, July 3.
Gyro horizon with optical horizon indicator. S. G. Svensson, R. B. Person, and N. B. Langefors. 2,561,713, July 24.
Gyro indicator construction. S. Gabrielson and E. E. Lynch. 2,553,309, May 15.
Gyro stabilizer. C. L. Paulus. 2,547,968, Apr. 10.
Gyrocasting machine. G. A. Rubissow. 2,543,303, Feb. 27.
Gyroscope. H. Konet. 2,571,727, Oct. 16.
Gyroscope. S. Sikora. 2,548,074, Apr. 10.
Gyroscope and pendulum control system for airplanes. F. F. Hauptman. 2,579,570, Dec. 25.
Gyroscope control system. R. Haskins, Jr. 2,561,367, July 24.
Gyroscope, Magnetic. H. I. Becker. 2,562,690, July 31.
Gyroscope, Rate-of-turn. F. W. Meredith. 2,537,844, Jan. 9.
Gyroscope system. C. M. Perkins and A. M. MacCallum. 2,577,912, Dec. 11.
Gyroscopic apparatus. F. H. Downing. 2,577,313, Dec. 4.
Gyroscopic device. J. W. Dawson. 2,539,363, Jan. 23.
Gyroscopic rate-of-turn indicator. G. H. Reid. 2,544,767, Mar. 13.
Gyroscopically controlled electrical gunsight. P. R. Wheeler. 2,570,298, Oct. 9.
Gyroscopically controlled head lamp. R. Beckerman and H. J. Boyce. 2,557,590, June 19.
Gyroscopically controlled hydraulic actuating apparatus with follow-up and stabilizing mechanism. J. D. Tear. 2,559,577, July 3.
Gyrostabilizing system. R. F. Redemske. 2,553,786, May 22.
H-beam composite pile. J. H. Thornley. 2,558,529, June 26.
Hackamore. A. D. Ratliff. 2,572,517, Oct. 23.
Hacksaw frame. C. Sprague. 2,538,480, Jan. 16.
Hack saw frame. G. R. Wilcox. 2,546,660, Mar. 27.
Hairband. B. R. Baker and F. C. Zartman. 2,560,267, July 10.
Hairbrush cleaner. J. J. Raya. 2,564,721, Aug. 21.
Hairbrush, Fountain. W. B. Baptist. 2,569,276, Sept. 25.
Hair clip. O. L. Engstrom. 2,574,144, Nov. 6.
Hair clip. A. Klar. 2,536,448, Jan. 2.
Hair clipper and the like, Electrically driven. S. A. Horstmann. 2,579,924, Dec. 25.
Hair covering, Ornamental. F. D. and J. I. Graber. 2,574,558, Nov. 13.
Hair curl clamp. H. Grison. 2,549,193, Apr. 17.
Hair curler. P. Van Cleef. 2,542,601, Feb. 20.
Hair curler. H. H. Wright. 2,537,728, Jan. 9.
Hair curler clip. I. I. Leon. 2,573,582, Oct. 30.
Hair-cutting and styling device. M. S. Granberg. 2,558,516, June 26.
Haircutting apparatus. J. A. Altman. 2,542,450, Feb. 20.
Haircutting attachment. H. W. Borgerding. 2,580,276, Dec. 25.
Haircutting device. L. F. Clawson, Jr. 2,558,073, June 26.
Haircutting device. D. E. Kellogg and A. T. Scheiwer. 2,579,676, Dec. 25.
Hair cutting device. B. Sayer and W. F. Sklenar. 2,568,368, Sept. 18.
Hair cutting guide. C. E. Forward. 2,556,805, June 12.
Hair-dressing composition. T. H. Rider and S. D. Gershon. 2,543,061, Feb. 27.
Hair dressing device. G. Forrester. 2,571,701, Oct. 16.
Hair drier. A. Fodor. 2,537,821, Jan. 9.
Hair drier. W. R. Huber and A. L. Jones. 2,576,226, Nov. 27.
Hair forming device, Ringlet. R. Greenberger. 2,549,901, Apr. 24.
Hair grooming device. H. F. Jackson. 2,545,885, Mar. 20.
Hair net device. C. De Carolis. 2,556,576, June 12.
Hairpin. F. E. Hambrook. 2,548,973, Apr. 17.
Hairpin, M. C. Towns, Jr. 2,566,782, Sept' 4.
Hairpin adjuster. A. M. Couser. 2,537,210, Jan. 9.
Hairpin clip. C. W. Renstrom. 2,559,797, July 10.
Hairpin dispenser. B. Steinberg. 2,544,114, Mar. 6.

Hairpin dispenser. A. McKinney, Sr., and A. McKinney, Jr. 2,559,826, July 10.
Hairpin organizer. D. A. Brunner. 2,578,223, Dec. 11.
Hairpin type crocheting loom. E. Tillert and J. Vlasak, Jr. 2,540,383, Feb. 6.
Hair removing device. H. Wurfschmit. 2,550,393, Apr. 24.
Hair retainer. A. Florio. 2,559,417, July 3.
Hair retainer. L. T. Sawyer. 2,574,891, Nov. 13.
Hair retaining device. W. Weeks. 2,547,295, Apr. 3.
Hair setting device. L. M. Smidt. 2,571,773, Oct. 16.
Hair singeing apparatus. J. J. Boax. 2,577,839, Dec. 11.
Hair singeing tool. P. L. Neece. 2,564,126, Aug. 14.
Hairspring, Compensating. E. Dubois. 2,568,326, Sept. 18.
Hairspring for timepieces. W. Kohlhagen. 2,567,567, Sept. 11.
Hair treating apparatus. H. N. Brown and S. S. Jones. 2,559,004, July 3.
Hair treating apparatus, A. B. Colon. 2,566,600, Sept. 4.
Hair trimmer. S. Behr. 2,536,485, Jan. 2.
Hair trimmer, Handle type. W. M. Mansfield. 2,576,618, Nov. 27.
Hair wave solution receptacle. D. A. Brunner. 2,546,817, Mar. 27.
Hair waver, High-frequency. G. Briggs. 2,561,609, July 24.
Hair waving device. F. Kemp. 2,566,727, Sept. 4.
Hair waving mechanism. O. A. Harrell. 2,542,514, Feb. 20.
Half cycling protective and indicating systems. M. E. Bivens. 2,574,374, Nov. 6.
Hall effect frequency meter. N. P. Millar. 2,545,369, Mar. 13.
Haloacetylamidophenyl-haloacetamidopropandiol. M. Sullivan. 2,568,571, Sept. 18.
Haloalkylation of thiophene. L. Schmerling. 2,563,073. Aug. 7.
Halo-alkylphenol stabilizers for synthetic rubber. H. E. Albert. 2,560,044, July 10.
Halocarbon polymers, Making. W. T. Miller. 2,564,024, Aug. 14.
Halogen-containing resins, Stabilized. M. Baer. 2,561,044, July 17.
Halogen derivatives of tetrahydrophthalic acid and producing same. R. S. Wilder and G. D. Martin. 2,550,744, May 1.
Halogen substituted gamma, gamma-dicarbalkoxybutyraldehydes and process. O. A. Moe and D. T. Warner. 2,540,053, Jan. 30.
Halogenated aromatic hydrocarbons and making same. A. J. Warner. 2,552,607–8, May 15.
Halogenated derivatives of aliphatic acids and making same. E. C. Britton, J. C. Vander Weele, and J. E. Livak. 2,557,779, June 19.
Halogenated derivatives of the naphtho-quinone-imine series and making same. V. Kartaschoff and E. Merian. 2,555,973, June 5.
Halogenated derivatives of the naphthoquinone-imine series and their manufacture. V. Kartaschoff and E. Merian. 2,538,005, Jan. 16.
Halogenated hydrocarbons, Manufacture of. C. M. Fontana and E. Gorin. 2,575,167, Nov. 13.
Halogenated hydroxystilbazoles and derivatives thereof. D. Papa, E. Schwenk, and E. Klingsberg. 2,558,777, July 3.
Halogenated substituted pteridines. D. R. Seeger. 2,570,391, Oct. 9.
Halogenated tertiary alkyl sulfides and polysulfides. L. T. Eby. 2,560,421, July 10.
Halogenated unsaturated higher fatty acids and derivatives. H. M. Teeter and J. C. Cowan. 2,557,159, June 19.
Halogenated unsaturated hydrocarbon production. H. A. Cheney. 2,569,923, Oct. 2.
Halogenation of n-methyl-4-aminophenol. F. R. Bean. 2,578,281, Dec. 11.
Halogenation of substituted pteridines. D. R. Seeger and D. B. Cosulich. 2,570,392, Oct. 9.
Halohydrin ethers of phenols, Production of. O. L. Davis, H. S. Knight, and J. R. Skinner. 2,571,217, Oct. 16.
Halohydroxy ethers. J. R. Roach and H. Wittcoff. 2,579,515, Dec. 25.
Halomethyl derivatives of acedianthrones and preparing the same. S. Coffey, D. A. W. Fairweather, F. Lodge, and J. Wardleworth. 2,559,596, July 10.
Halomethyl derivatives of dibenzanthrone, isodibenzanthrone and chlorodibenzanthrone, and preparing the same. S. Coffey, F. Lodge, and J. Wardleworth. 2,559,597, July 10.
Halomethyl derivatives of dyes of the thioindigo series and obtaining them. C. M. Smith and D. I. Randall. 2,545,497, Mar. 20.
Halomethyl ethers of nuclear alkylated monoaryl glycol ethers. J. M. Cross and R. L. Mayhew. 2,554,441, May 22.
Halosilanes, Preparation of. A. J. Barry, D. E. Hook, and L. De Pree. 2,556,462, June 12.
Halter weapon for cattle. H. C. Cook, 2,559,598, July 10.
Ham packaging bag. J. A. Baker and F. A. Hunter, Jr. 2,536,834, Jan. 2.
Hamburger mold. W. L. Jameson and F. L. Rogers. 2,574,831, Nov. 13.
Hammer. C. J. Stevens. 2,576,243, Nov. 27.
Hammer and the like, Safety guard. M. Braccio. 2,571,528, Oct. 16.
Hammer, Carpenter's claw. A. R. Ralston. 2,539,860, Jan. 30.
Hammer, Dental. M. Staunt. 2,548,450, Apr 10.
Hammer drill. E. Topanelian, Jr. 2,563,083, Aug. 7.
Hammer drill. E. Topanelian, Jr. 2,580,203, Dec. 25.
Hammer, Electric. F. Tamborello. 2,565,279, Aug. 21.
Hammer for impact pulverizers. F. E. Smith. 2,558,107, June 26.
Hammer having replaceable striking heads. B. N. Kindland. 2,570,691, Oct. 9.
Hammer, Magazine. G. F. Rendall. 2,552,587, May 15.
Hammer metal finish. R. H. Prislin. 2,574,659, Nov. 13.
Hammer mill crushing and oversize particle separating apparatus, Combined. W. M. Sheldon. 2,552,596, May 15.
Hammer mill with concentric screens for separating varied sizes of finished material. P. A. Emmanouilidis. 2,557,865, June 17.
Hammermill with decentric rotors. H. C. Pollitz. 2,563,958, Aug. 14.
Hammer, Multiple. A. Saxer. 2,562,643, July 31.
Hammer, Pile. J. G. Johns. 2,554,146, May 22.
Hammer, Pneumatic. W. E. MacGuire. 2,547,224, Apr. 3.
Hammer, Power. C. A. Hirschberg. 2,579,075, Dec. 18.
Hammer safety for firearms. V. A. Browning. 2,565,018, Aug. 21.
Hammer, Soft face. B. R. Dicks. 2,566,517, Sept. 4.
Hammer, Spike. H. H. Talboys and H. E. Erickson. 2,575,535, Nov. 20.
Hammer, Spring. E. Roučka and F. Streit. 2,560,205, July 10.
Hammer, Stapling. R. E. Peterson. 2,537,601, Jan. 9.
Hammer with nail removing recess, Boxmaker's. M. Bortnick. 2,552,838, May 15.
Hammock. E. A. Spangler. 2,546,350, Mar. 27.
Hammock stand. C. F. Benjamin. 2,551,865, May 8.
Hammock support and table, Combined. L. Carl. 2,563,156, Aug. 7.
Hamper, Collapsible laundry. W. P. Kliewer. 2,543,243, Feb. 27.
Hand and foot propelled vehicle. L. B. and M. B. Biro. 2,556,411, June 12.
Handbag. P. Barker. 2,561,488, July 24.
Handbag. L. E. Meadow. 2,573,770, Nov. 6.
Handbag. J. Moss. 2,550,199, Apr. 24.
Handbag. B. H. Throckmorton. 2,565,283, Aug. 21.
Handbag construction. S. Hyman. 2,573,766, Nov. 6.
Handbag convertible to a shoulder bag. Z. J. Grosz. 2,542,246, Feb. 20.
Handbag frame. S. Giordano. 2,556,874, June 12.
Handbag, Illuminated. E. H. Terlinde. 2,554,603, May 29.
Handbag, Interchangeable. I. Peyser. 2,570,851, Oct. 9.
Handbag, Lady's. J. Gallo. 2,555,122, May 29.
Handbag with flexible spring tensioned sliding closure. W. H. Schafer. 2,555,705, June 5.
Hand bandaging unit. F. Holm. 2,561,863, July 24.
Hand brake. S. B. Haseltine. 2,537,270. Jan. 9.
Hand-brake operating mechanism. G. W. Tabor. 2,554,224, May 22.
Hand brake signal. J. W. Anderson, Jr. 2,566,155, Aug. 28.
Hand crimper. M. G. Lovinggood. 2,572,738, Oct. 23.
Hand-carried receptacle. R. T. Haubrick. 2,565,076, Aug. 21.
Handcuffs, leg irons, shackles, and the like. S. P. Gray, 2,570,662, Oct. 9.
Hand cultivating and weeding tool. C. N. Critcher. 2,544,136, Mar. 6.
Hand-drill, Adjustable. S. Shaler. 2,546,655, Mar. 27.
Handgrip for bathtubs. T. Moore. 2,549,506, Apr. 17.
Handgrip for carrying parcels, packages, bundles, etc. E. K. O'Loughlin. 2,547,343, Apr. 3.
Hand gun cylinder control and trigger mechanism. J. H. Gartner. 2,579,736, Dec. 25.
Hand-harvesting tool. J. R. Kachelhoffer. 2,579,584, Dec. 25.
Handhole refacing tool. J. R. Kruse. 2,548,113, Apr. 10.
Hand line pulley bracket. R. McLain and T. A. Fornkahl. 2,553,779, May 22.
Handloom. V. C. Bennett. 2,547,250, Apr. 3.
Hand loom. G. L. Phelps. 2,573,484, Oct. 30.
Hand-manipulated fur treating tool. S. Friedman. 2,560,943, July 17.
Hand moistening device for bowlers. W. G. Winkler and N. H. Rewalt. 2,541,396, Feb. 13.
Hand-operated scraper tool. L. M. Carlson. 2,556,797, June 12.
Hand or power-operated mechanism. G. D. McVicker and E. L. Holston. 2,560,465, July 10.
Hand plane having adjustable mouth. W. N. Powell. 2,570,980, Oct. 9.
Hand power tool. J. Berta. 2,576,063, Nov. 20.
Hand protective device. C. V. Johnson. 2,556,189, June 12.
Handrail for moving stairways. W. F. Masek. 2,578,567, Dec. 11.
Hand restrainer. A. O. Wright. 2,546,118, Mar. 20.
Handsaw attachment. L. E. Clements and G. F. Mogavero. 2,536,422, Jan. 2.

Handsaw with quick locking adjustments, Rotary power. F. D. Dolan. 2,558,829, July 3.
Hand warmer. J. W. Smith. 2,579,620, Dec. 25.
Hand weaving loom. H. Adler. 2,561,767, July 24.
Hand weeding and cultivating tool. H. K. Johnson. 2,549,608, Apr. 17.
Handwheel for railway car brakes. H. E. Bartsch. 2,552,083, May 8.
Hand wheeled land vehicle. W. Pintar. 2,552,453, May 8.
Handkerchief holder. A. B. Valenti. 2,551,184, May 1.
Handkerchief, Made-up ornamental. L. B. Brown. 2,539,182, Jan. 23.
Handle: *See*—
Automotive door handle.
Basket handle.
Can handle.
Casting rod handle.
Door handle.
Expansible tool handle.
Filing cabinet handle.
Fishing rod handle.
Glider tail jack handle.
Illuminated fishing rod handle.
Locking latch handle.
Locomotive control throttle handle.
Luggage handle.
Milk bottle handle.
Mowing machine handle.
Multiple position pot handle.
Pump handle.
Removable handle.
Safety tool handle.
Sheet metal handle.
Shovel handle.
Soap containing handle.
Stamped valve handle.
Tool handle.
Utensil handle.
Handle. I. S. Keeler and G. V. Jakeway. 2,567,565, Sept. 11.
Handle-actuated blind riveting tool. J. N. Henshaw. 2,575,416, Nov. 20.
Handle and armrest for weed burners. M. G. Clark. 2,548,196, Apr. 10.
Handle and brush holder for paint cans. D. E. Entsminger. 2,578,233, Dec. 11.
Handle and brush wiper for paint cans, Combined. J. D. Brennan. 2,572,694, Oct. 23.
Handle and lock cover. R. F. Jordan. 2,564,012, Aug. 14.
Handle and socket for a dolly, Detachable. E. E. Meilstrup. 2,575,391, Nov. 20.
Handle assembly. D. R. Mattoon. 2,537,362, Jan. 9.
Handle assembly. L. H. Snyder. 2,571,389, Oct. 16.
Handle assembly, Extensible. A. H. Jackson. 2,545,813, Mar. 20.
Handle assembly, Vehicle door. C. M. MacKichan. 2,548,115, Apr. 10.
Handle attachment for bag containers. G. S. McGuire. 2,576,259, Nov. 27.
Handle attachment for containers. T. H. Ward. 2,564,043, Aug. 14.
Handle attachment for cooking utensils. H. P. Serio. 2,554,643–4, May 29.
Handle attachment, Scrub brush. A. W. Fry. 2,563,781, Aug. 7.
Handle bar for a steering wheel of a vehicle. J. Brown. 2,554,292, May 22.
Handle, brush holder, and drain trough unit for paint pails, Detachable. A. M. Blomquist. 2,540,860, Feb. 6.
Handle connection, Brush. E. L. Rackliffe. 2,536,309, Jan. 2.
Handle construction. V. E. Cadie. 2,540,075, Feb. 6.
Handle construction, Decanter. E. C. Sullivan. 2,551,300, May 1.
Handle construction, Detachable. C. Kramer. 2,539,087, Jan. 23.
Handle construction for dispensing valves. B. Minovitz. 2,573,042, Oct. 30.
Handle control for suction cleaners. L. E. Segesman. 2,576,727, Nov. 27.
Handle fastening means for pressure cooker closures. W. J. Russell. 2,542,435, Feb. 20.
Handle for air brake release valves. S. L. Joiner. 2,566,209, Aug. 28.
Handle for attachment to cans, Adjustable. P. L. Salmon. 2,567,788, Sept. 11.
Handle for automobile radiator caps, Heat insulated. S. Huber. 2,562,719, July 31.
Handle for bottle carriers. S. N. Lebold. 2,543,698, Feb. 27.
Handle for bottle carriers, Wire. M. I. Williamson. 2,540,068, Jan. 30.
Handle for box springs and the like. M. Bechik. 2,539,885, Jan. 30.
Handle for carrier cartons, Bail. M. L. Schumann. 2,542,365, Feb. 20.
Handle for curling, waving, and pressing irons, Adjustable. F. Price. 2,550,295, Apr. 24.
Handle for electrode holders, Controller. L. O. Green. 2,558,083, June 26.
Handle for fountain brush having piston means for filling and dispensing, Reservoir. L. F. Perwas. 2,547,834, Apr. 3.
Handle for helicopters, Triaxial control. L. B. Courtot. 2,539,120, Jan. 23.
Handle for Jacob's chuck key, Industrial. J. A. Dawson. 2,551,366, May 1.
Handle for lawnmowers and the like. M. D. Burrows and E. L. Boyce. 2,561,008, July 17.
Handle for lawn trimmers, Reversible auxiliary. A. J. Eber. 2,547,451, Apr. 3.
Handle for locker latches. J. B. O'Connor. 2,568,592, Sept. 18.
Handle for luggage. A. Romolt. 2,563,134, Aug. 7.
Handle for mattresses and the like. M. Bechik. 2,564,947, Aug. 21.
Handle for pans, Attachable. J. L. Chance. 2,577,676, Dec. 4.
Handle for screw drivers and other hand tools. A. E. Dianda. 2,564,356, Aug. 14.
Handle for screw drivers or the like. C. L. Dewey. 2,577,651, Dec. 4.
Handle for steak platters and the like, Detachable. R. W. Pashby. 2,574,411, Nov. 6.
Handle structure for screen sashes. H. A. Kaufmann. 2,548,163, Apr. 10.
Handle for suitcases or other articles, Detachable. A. J. Gretschel. 2,537,750, Jan. 9.
Handle for tank type suction cleaners or the like. C. H. Sparklin. 2,554,509, May 29.
Handle for tools, Adjustable. C. W. Ginter. 2,545,659, Mar. 20.
Handle grip. F. Allen. 2,539,805, Jan. 30.
Handle locking means for travel irons. G. E. Hanner. 2,540,579, Feb. 6.
Handle structure. E. Walder. 2,554,761, May 29.
Handle structure for starting devices. D. A. Armstrong. 2,536,118, Jan. 2.
Handle with recess for pivoted blades. H. P. Parrigin and I. W. McAteer. 2,559,993, July 10.
Handle with refillable reservoir, Brush. N. E. Wilson. 2,554,287, May 22.
Handling and payoff apparatus for coiled strand material. J. C. Yedlicka. 2,544,478, Mar. 6.
Handling apparatus. K. P. Billner. 2,578,220, Dec. 11.
Handling apparatus for traction wheels and driving units therefor. J. B. Irwin. 2,556,652, June 12.
Handling bagged materials. R. G. Bowman and W. J. Knox, Jr. 2,570,757, Oct. 9.
Handling cheese. B. F. Davis. 2,558,673, June 26.
Handling concrete forms. H. E. Williams. 2,576,375, Nov. 27.
Handling device. H. Andersen. 2,552,758, May 15.
Handling device for lift trucks, Keg. R. A. Hawkinson. 2,558,216, June 26.
Handling fuels. B. E. Roetheli. 2,579,397–8, Dec. 18.
Handling of rod bundles or similar annuli. R. W. Young. 2,558,503, June 26.
Handling sheet metal plates. F. V. Carroll. 2,549,773, Apr. 24.
Handling sugar. H. S. Paine and M. F. Hughes. 2,546,179, Mar. 27.
Handling suspensions. J. S. Palmer. 2,550,374, Apr. 24.
Handling unstable chemical dispersions, Method and apparatus for. H. O. Davidson. 2,548,003, Apr. 10.
Hanger: *See*—
Adjustable garment hanger.
Adjustable hammock hanger.
Adjustable shade and curtain hanger.
Automobile attachable garment hanger.
Automobile clothes hanger.
Bar hanger.
Bed slat hanger.
Blowtorch shutoff hanger.
Bobbin hanger.
Brake hanger.
Cable hanger.
Christmas stocking hanger.
Clothes basket hanger.
Clothes hanger.
Coat and trouser hanger.
Coat hanger.
Collapsible garment and hat hanger.
Collapsible garment hanger.
Collapsible hanger.
Conductor pipe hanger.
Conduit hanger.
Curtain and drapery hanger.
Curtain rod hanger.
Drapery hanger.
Eaves trough hanger.
Enclosed chain conveyer hanger.
Film and plate developing hanger.
Fireplace screen hanger.
Fish net hanger.
Fixture hanger.
Folding garment hanger.
Garment checking and supporting master hanger.
Garment hanger.
Glider - type garment hanger.
Hat and tie hanger.
Line pipe hanger.
Model form garment hanger.
Pipe hanger.
Plate hanger.
Plural garment hanger.
Pressed metal clothes hanger.
Portable garment hanger.
Ring pipe hanger.
Sash hanger.
Self - securing curtain hanger.
Shoe last hanger.
Shoulder shaped dress and suit hanger.
Skirt hanger.
Storm window hanger.
Tank hanger.
Trouser and skirt hanger.
Trousers hanger.
Wall hanger.
Wire drapery hanger.
Wire garment hanger.
Wire pin and hook drapery hanger.
Hanger. J. A. and A. D. Carpenter. 2,560,845, July 17.
Hanger. R. R. Lamm. 2,580,231, Dec. 25.
Hanger. C. V. Skidmore. 2,549,026, Apr. 17.
Hangar, Aircraft. F. A. Harrah. 2,556,617, June 12.
Hanger and attachment therefor, Garment. J. M. Coffin. 2,574,860, Nov. 13.
Hanger and bed tag for hospital beds, Clothes. J. L. Tarvin. 2,560,494, July 10.
Hanger and clamp for supporting electrical conductors, Combination. A. H. Genter. 2,546,593, Mar. 27.
Hanger and container, Garment. K. V. Beer. 2,562,444, July 31.
Hanger and hammer assembly for hammer mills. G. A. Millerd. 2,568,200, Sept. 18.

Hanger and reinforcing same, Garment. S. Simmons. 2,550,167, Apr. 24.
Hanger assembly, Casing. R. L. Crain. 2,568,581, Sept. 18.
Hanger attachment, Automobile window clothing. M. O. Steendahl. 2,542,369, Feb. 20.
Hanger attachment, Coat. P. Perlson. 2,546,198, Mar. 27.
Hanger bolt, Disappearing. A. H. McGregor. 2,554,415, May 22.
Hanger bracket. U. S. Logan. 2,547,222, Apr. 3.
Hanger construction and locking means therefor, Garment. A. Simon and B. Hackman. 2,575,979, Nov. 20.
Hanger construction, Spring-hand gripping control garment. J. Blumenstein. 2,575,158, Nov. 13.
Hanger cover. R. S. Reiner. 2,578,741, Dec. 18.
Hanger for automobiles, Clothes. K. A. Richey. 2,573,275, Oct. 30.
Hanger for automobiles, Garment. H. W. Francis. 2,550,796, May 1.
Hanger for automotive vehicles, Clothes. W. A. Penn. 2,558,911, July 3.
Hanger for floating roofs, Seal. F. D. Moyer. 2,554,497, May 29.
Hanger for ironing boards, Clothes. L. W. Kois. 2,562,671, July 31.
Hanger for outlet boxes, Fixture. N. A. Tornblom. 2,545,124, Mar. 13.
Hanger for pipes and other fittings. W. R. Miller. 2,546,556, Mar. 27.
Hanger for punching bags, Swivel. C. J. Wycosky. 2,548,089, Apr. 10.
Hanger for trolley rails. B. B. McCarn. 2,577,789, Dec. 11.
Hanger for vehicles, Garment. C. E. Swalwell. 2,542,163, Feb. 20.
Hanger of the folding type, Garment. C. F. Stoneburner. 2,573,622, Oct. 30.
Hanger with container for moth repellent, Clothes. F. O'Farrell and L. J. Delson. 2,546,518, Mar. 27.
Hanger with integral locking, Garment. B. Weiss. 2,576,162, Nov. 27.
Hanger with locking hook, Picture. F. A. Genua. 2,539,825, Jan. 30.
Hanger with spring clips, Garment. P. A. A. Beetlestone and H. W. Gordon. 2,546,717, Mar. 27.
Hanging device, Merchandise. R. A. Walker. 2,559,054, July 3.
Hanging means for sliding doors. G. A. Conroy and E. M. Trammell, Sr. 2,554,294, May 22.
Hard surface covering. J. E. Hazeltine, Jr., and C. S. Carr. 2,539,420, Jan. 30.
Hardening and decolorizing glyceride oils with nickel-alumina-silica catalysts. W. J. Paterson. 2,566,362, Sept. 4.
Hardening bauxite with colloidal silica. H. Heinemann. 2,563,650, Aug. 7.
Hardening casein artificial fibers with titanium, zirconium or tin salts. J. F. Corwin, J. R. Calhoun, and T. M. Buzzo. 2,567,184, Sept. 11.
Hardening cast iron. G. B. Farnsworth. 2,538,239, Jan. 16.
Hardening of articles by high-frequency currents, Method and device for. J. Stivín. 2,540,700, Feb. 6.
Hardening of opposite surfaces of thin metallic members, Simultaneous. J. T. Vaughan. 2,556,243, June 12.
Hardening printed ink films. A. F. Schmutzler. 2,558,787, July 3.
Hardening steel parts by high-frequency energy. B. Michel. 2,564,021, Aug. 14.
Hardening the ends of railroad rails. R. M. Rooke. 2,572,201, Oct. 23.
Hardness tester. A. L. Sweigart. 2,572,779, Oct. 23.
Hardness tester. W. A. Williams. 2,544,205, Mar. 6.
Hardware for mounting an overhead garage door. F. O. Holister and G. M. George. 2,570,447, Oct. 9.
Hardware for tropical louvers. W. A. Andresen and L. Boero. 2,565,447, Aug. 21.
Hardware unit for ventilating doors. O. A. Hinton and L. De Stramp. 2,537,896, Jan. 9.
Harmonic coaxial-line tube. C. A. Boddie. 2,541,026, Feb. 13.
Harmonic electrical alternating-current generation. H. J. Tyzzer. 2,579,217, Dec. 18.
Harmonic-selecting apparatus. M. T. Martin. 2,570,701, Oct. 9.
Harmonica. J. R. Tate. 2,565,100, Aug. 21.
Harness for hand purses, Safety. L. Hill. 2,553,317, May 15.
Harness frame for looms. P. C. Consoletti. 2,556,468, June 12.
Harness, Infant. L. V. Arrasmith. 2,570,631, Oct. 9.
Harness, Parachute. L. L. Irvin. 2,556,923, June 12.
Harness, Parachute. J. R. C. Quilter. 2,553,275, May 15.
Harness, Quick release animal. F. L. Clayton. 2,555,027, May 29.
Harness release. J. H. Schneider. 2,544,399, Mar. 6.
Harness return mechanism. F. G. Lake. 2,557,033, June 12.
Harness, Safety. P. Rosenthal. 2,553,007, May 15.
Harness, Safety. B. I. and B. Weinstein. 2,563,766, Aug. 7.
Harness, Safety. L. L. Wilson, Jr. 2,576,867, Nov. 27.
Harness, Ski. R. Purvis. 2,576,639, Nov. 27.
Harness stop motion. W. G. Jasmin and L. G. Herlihy. 2,550,195, Apr. 24.
Harrow, Flexible. L. M. Rayner. 2,552,736, May 15.
Harrow, Rotary circular. E. S. Thompson. 2,560,909, July 17.
Harrow runner. J. B. Kucera. 2,576,256, Nov. 27.
Harvester adjusting means, Corn. D. J. Heikens. 2,565,815, Aug. 28.
Harvester and cleaner, Potato. F. R. Wright. 2,558,894, July 3.
Harvester, Bean. F. B. Fitch. 2,549,185, Apr. 17.
Harvester, Beet. O. Kroll. 2,543,529, Feb. 27.
Harvester, Beet. F. L. Smith. 2,538,131, Jan. 16.
Harvester, Beet. C. W. Walz and T. J. Risley. 2,538,402, Jan. 16.
Harvester, Comb type cotton. H. E. Altgelt. 2,544,411, Mar. 6.
Harvester, Cotton. W. M. Edwards. 2,571,224, Oct. 16.
Harvester, Cucumber. P. F. Price. 2,575,638, Nov. 20.
Harvester, Detachably mounted corn. R. C. Fergason. 2,575,620, Nov. 20.
Harvester, Detachably mounted corn. H. J. Kuhlman. 2,554,198, May 22.
Harvester, Endless belt type cotton. G. W. Lewis. 2,537,945, Jan. 16.
Harvester, Field forage. P. W. Morrissey. 2,570,147, Oct. 2.
Harvester for ladino clover seed. J. R. Brinkley. 2,565,800, Aug. 28.
Harvester for potatoes and the like. C. R. Johnston. 2,578,189, Dec. 11.
Harvester for tobacco. M. D. Lynn and R. D. Burkett. 2,560,729, July 17.
Harvester, Fruit. T. F. Madsen. 2,573,210, Oct. 30.
Harvester, Fruit and nut. O. Crull. 2,562,775, July 31.
Harvester gatherer. N. F. Andrews. 2,571,811, Oct. 16.
Harvester, Grain combine straw. S. M. Stauch. 2,553,484, May 15.
Harvester having auxiliary ear detacher, Corn. R. C. Fergason. 2,542,646, Feb. 20.
Harvester having detachable husking means, Corn. N. F. Andrews. 2,549,999, Apr. 24.
Harvester having topping means, Root crop. D. B. Marshall. 2,547,878, Apr. 3.
Harvester having twin roller feed, Ensilage. R. B. Hitchcock. 2,540,264, Feb. 6.
Harvester, Peanut. C. M. Brown and F. Horne. 2,540,094, Feb. 6.
Harvester, Peanut. L. B. Collins. 2,540,655, Feb. 6.
Harvester, Peanut and leafy vegetable. W. G. Cross. 2,550,332, Apr. 24.
Harvester, Potato. A. Stauffer. 2,537,320, Jan. 9.
Harvester, Stripper type cotton. H. D. May. 2,560,974, July 17.
Harvesting attachment for tractors, Potato. W. L. Snyder. 2,562,338, July 31.
Harvesting machine. M. Bainbridge, W. P. Tuttle, H. J. Baldwin, and E. S. Sheffield, Jr. 2,576,992, Dec. 4.
Harvesting machine, Beet. A. K. K. Andersen and T. Rosenstand. 2,537,118, Jan. 9.
Harvesting machine for potato diggers and the like. C. C. Wetzel and L. F. Dilts. 2,537,198, Jan. 9.
Harvesting machine for tobacco plants and the like. C. L. Sowers. 2,564,614, Aug. 14.
Harvesting machine, Peanut. C. F. and W. W. Carter. 2,562,659, July 31.
Hassock and bed, Convertible. C. B. Creveling and E. V. Pennell. 2,577,741, Dec. 11.
Hassock and manufacturing the same. A. Wilson. 2,560,785, July 17.
Hastening sprouting of dormant buds. F. E. Denny. 2,556,523, June 12.
Hat. J. H. and M. F. Berry. 2,578,219, Dec. 11.
Hat anchor, Collapsible. J. E. Jubin. 2,542,815, Feb. 20.
Hat and hat frame and making same. J. Turshin. 2,556,016, June 5.
Hat and tie hanger. J. P. Goodhand. 2,574,557, Nov. 13.
Hat bat shrinking machine. H. A. and W. H. Genest. 2,579,814, Dec. 25.
Hat block. S. C. Cox and B. V. Everds. 2,536,913, Jan. 2.
Hat brim finishing machine. D. I. Behmer. 2,557,934, June 26.
Hat crown stay. T. E. Knudson. 2,543,855, Mar. 6.
Hat expander. G. Vlasis. 2,577,167, Dec. 4.
Hat, Foldable lady's. J. Goldstein. 2,573,564, Oct. 30.
Hat holder. M. and I. L. Bard. 2,559,699, July 10.
Hat holder. R. L. Brill. 2,577,600, Dec. 4.
Hat identification holder. R. A. Stevens. 2,577,717, Dec. 4.
Hat, Lady's. G. M. Ramos. 2,551,159, May 1.
Hat manufacture. E. H. Eakland. 2,560,508, July 10.
Hatrack, Resilient. D. F. Efner. 2,538,237, Jan. 16.
Hat stay. A. M. and O. H. Olson. 2,537,849, Jan. 9.
Hat, Ventilated. A. M. Russell. 2,580,323, Dec. 25.
Hatch construction. J. S. Swann. 2,565,704, Aug. 28.
Hauling machine. A. L. C. Blondelle. 2,549,163, Apr. 17.
Hay baler feed mechanism. B. J. Baskerville. 2,545,188, Mar. 13.
Hay breaker, Rotary chopper-type. J. W. Williamson. 2,549,876, Apr. 24.
Hay fork, Baled. A. R. Chauncey. 2,575,794, Nov. 20.
Hay handling apparatus. S. Goad. 2,546,094, Mar. 20.
Hay loader. W. Spann. 2,539,169, Jan. 23.

Hay loader, Baled. H. L. Armstrong. 2,556,409, June 12.
Hayrake. N. H. Godley. 2,579,041, Dec. 18.
Haystack cutter. F. Christoffersen. 2,565,168, Aug. 21.
Hay stacker. H. E. Luebbers. 2,542,150, Feb. 20.
Head assembly for spring shade rollers. J. T. Mayer, Jr. 2,570,140, Oct. 2.
Headband. E. T. Martin. 2,557,552, June 19.
Headband construction, Adjustable. R. L. Malcom. 2,550,575, Apr. 24.
Headband for goggles and the like, Adjustable. J. N. Liautaud. 2,545,428, Mar. 13.
Head covering. A. L. Crowthers. 2,574,208, Nov. 6.
Head covering. S. Price. 2,579,089, Dec. 18.
Head covering. L. Whelan. 2,546,117, Mar. 20.
Headdress ornament. G. P. Naidor. 2,567,119, Sept. 4.
Head for golf clubs, Adjustable. J. Verderber. 2,571,970, Oct. 16.
Headgear. F. H. Kahn. 2,568,399, Sept. 18.
Headgear suspension, Safety. A. J. Ruggiero. 2,536,467, Jan. 2.
Head lamp incorporating gradually fluted reflector and plurality of filaments, Multibeam. G. H. Coulter. 2,565,757, Aug. 28.
Headlight. C. Odds. 2,561,033, July 17.
Headlight adjusting means of the type that is removably attachable to a vehicle. D. R. Rodeghiero. 2,552,116, May 8.
Headlight, Antiglare. W. Ramminger. 2,539,927, Jan. 30.
Headlight control. R. G. Wensel. 2,571,981, Oct. 9.
Headlight control, Automatic. D. B. LeCroy. 2,558,969, July 3.
Headlight dimming apparatus, Automatic. L. M. Silva.
Headlight, Nonglare motor vehicle. R. P. H. Hinds. 2,556,328, June 12.
Headlight system, Motor vehicle. R. E. Tessier. 2,558,281, June 26.
Headlighting system. E. P. Bone. 2,562,258, July 31.
2,560,748, July 17.
Headlock for dumping hoists. A. H. Kirksey. 2,539,086, Jan. 23.
Headlock knees on lumber mill carriage. W. R. Coote. 2,551,824, May 8.
Headrest. S. C. Alexander. 2,566,757, Sept. 4.
Headrest. G. Angelot. 2,564,458, Aug. 14.
Head rest, Adjustable. C. W. Brown. 2,560,925, July 17.
Headrest attachment for back rests, Adjustable. F. de Mier, Sr. 2,573,186, Oct. 30.
Headrest for chairs. V. Ruth. 2,553,385, May 15.
Headrest for creepers, Adjustable. V. S. Brown. 2,564,323, Aug. 14.
Headrest for gunners' chairs. C. D. Knowlton. 2,570,457, Oct. 9.
Headrest for inside work on automobiles. B. E. Harrold and C. Huffman, Jr. 2,574,389, Nov. 6.
Headrest-paper supply device. O. S. Caesar and H. C. Wiederhold. 2,536,592, Jan. 2.
Headrest, Portable. M. Ross. 2,574,590, Nov. 13.
Head rest support. N. B. Pulsifer. 2,555,814, June 5.
Headset, Waterproof. O. H. Huston and J. S. John. 2,538,419, Jan. 16.
Headshaft assembly for refuse vehicles, Removable. E. C. C. Miller and J. P. Calamore. 2,565,437, Aug. 21.
Head space gauge. G. A. Henderson. 2,544,158, Mar. 6.
Head steamer, Portable. M. D. Nissenbaum. 2,566,531, Sept. 4.
Headstock and spindle. J. J. Pesqueira and R. Kurzweil. 2,545,858, Mar. 20.
Header bar construction for folding tops. J. W. Votypka. 2,580,336, Dec. 25.
Header for car doors. F. Ditchfield. 2,557,376, June 19.
Heading machine, Ice. M. T. Maddox. 2,557,357, June 19.
Hearing aid. W. Dubilier. 2,566,761, Sept. 4.
Hearing aid apparatus. H. J. McCreary. 2,554,113, May 22.
Hearing aid apparatus. H. J. McCreary. 2,575,671, Nov. 20.
Hearing aid support. G. W. French. 2,545,731, Mar. 20.
Hearing aid support. G. W. French. 2,573,132, Oct. 30.
Heat absorbing device for motion-picture projecting machines. M. G. Miller. 2,556,769, June 12.
Heat accumulator and exchanger. J. O. Jackson. 2,556,498, June 12.
Heat and creep resisting nickel alloy castings. A. M. Talbot, D. E. Furman, G. R. Brophy, and N. B. Pilling. 2,542,266, Feb. 20.
Heat- and flame-resistant resinous refractories. E. Simon and F. W. Thomas. 2,575,686, Nov. 20.
Heat and light stable vinyl resin compositions. W. L. J. de Nie. 2,538,297, Jan. 16.
Heat applying bandage. J. N. M. Howells. 2,573,791, Nov. 6.
Heat collecting and distributing plate. C. T. Garrison. 2,565,726, Aug. 28.
Heat concentrator for use with cooking utensils. A. H. McGregor. 2,541,265, Feb. 13.
Heat control system. W. B. Elmer. 2,570,331, Oct. 9.
Heat control system, Safety. R. Pratt. 2,544,511, Mar. 6.
Heat control for welders, Phase shift. S. G. Vigars. 2,556,715, June 12.
Heat control, Semiautomatic. T. K. Lewis. 2,547,477, Apr. 3.
Heat control unit. W. G. Pendleton, Sr. 2,572,657, Oct. 23.
Heat exchange apparatus. F. R. Bell. 2,553,030, May 15.
Heat exchange apparatus. B. M. Carter. 2,566,928, Sept. 4.
Heat exchange apparatus. M. Frisch. 2,537,984, Jan. 16.
Heat exchange apparatus. T. J. Hollmeyer and J. Buchert. 2,545,280, Mar. 13.
Heat exchange apparatus. J. R. Jaye. 2,568,807, Sept. 25.
Heat exchange apparatus. W. Kals. 2,568,891, Sept. 25.
Heat exchange apparatus. C. J. Lockman. 2,576,843, Nov. 27.
Heat exchange apparatus. E. B. Lopker. 2,566,929, Sept. 4.
Heat exchange apparatus. W. A. Olsen. 2,544,349, Mar. 6.
Heat exchange device. B. M. Crawford. 2,553,361, May 15.
Heat exchange device. C. L. Daun. 2,555,682, June 5.
Heat exchange devices, Making. J. R. Hayward. 2,558,952, July 3.
Heat exchange element. P. R. Trumpler. 2,571,631, Oct. 16.
Heat exchange employing granular particles, Process and apparatus for. L. J. Weber. 2,576,058, Nov. 20.
Heat exchange receptacle. T. and O. W. Mojonnier. 2,545,371, Mar. 13.
Heat exchange receptacle. T. and O. W. Mojonnier. 2,568,653, Sept. 18.
Heat exchange surface construction and device embodying the same. G. W. Miller and E. L. Kells. 2,569,112, Sept. 25.
Heat exchange unit. C. A. Bowsher. 2,568,984, Sept. 25.
Heat exchange unit. R. W. Kritzer. 2,540,339, Feb. 6.
Heat exchange unit. R. W. Kritzer. 2,567,716, Sept. 11.
Heat exchange unit for refrigeration. H. W. Kleist. 2,560,453, July 10.
Heat exchanger. J. W. Brown, Jr. 2,566,161, Aug. 28.
Heat exchanger. G. Chausson. 2,576,213, Nov. 27.
Heat exchanger. G. B. Farkas. 2,552,416, May 8.
Heat exchanger. H. W. Hahnemann. 2,537,220, Jan. 9.
Heat exchanger. H. D. Heron. 2,550,560, Apr. 24.
Heat exchanger. D. E. Jack and J. M. Williamson. 2,549,687, Apr. 17.
Heat exchanger. B. József. 2,559,272, July 3.
Heat exchanger. H. O. McMahon, G. A. Bleyle, Jr., and R. B. Hinckley. 2,537,276, Jan. 9.
Heat exchanger. W. L. Morrison. 2,565,513, Aug. 28.
Heat exchanger. R. Rigby. 2,578,945, Dec. 18.
Heat exchanger. R. Ruemelin. 2,576,309, Nov. 27.
Heat exchanger. C. S. Simpelaar. 2,547,668, Apr. 3.
Heat exchanger. R. K. P. Stevens and M. Cox. 2,579,212, Dec. 18.
Heat exchanger. A. O. Tadewald. 2,573,161, Oct. 30.
Heat exchanger and making the same. H. Cohen. 2,552,937, May 15.
Heat exchanger and reservoir for various media liquids or gases, Combination. A. L. Lawbaugh. 2,572,736, Oct. 23.
Heat exchanger clothes drier. T. R. Smith. 2,574,298, Nov. 6.
Heat exchanger conduit having internal fins. J. W. Brown, Jr. 2,573,538, Oct. 30.
Heat exchanger, Crossflow. C. S. Simpelaar. 2,539,870, Jan. 30.
Heat exchanger, Embossed plate. F. G. Cornell, Jr. 2,536,840, Jan. 2.
Heat exchanger, Falling film. G. W. Haldeman. 2,545,028, Mar. 13.
Heat exchanger finned tube. T. J. Bay. 2,537,024, Jan. 9.
Heat exchanger for air conditioning. N. A. Pennington. 2,563,415, Aug. 7.
Heat exchanger for continuous treatment of fluent material. J. E. Laschinger. 2,551,748, May 8.
Heat exchanger for cooling liquids. H. W. Kleist. 2,552,635, May 15.
Heat exchanger framing for metal boats. N. C. Jannsen. 2,577,194, Dec. 4.
Heat exchanger in refrigeration system, Secondary. A. S. and R. J. Limpert. 2,561,305, July 17.
Heat exchanger, Multifluid. S. Holm and P. H. Karlsson. 2,578,550, Dec. 11.
Heat exchanger, Pan type. W. G. Cartter. 2,568,948, Sept. 25.
Heat exchanger, Plate type. H. H. Ehrman. 2,550,339, Apr. 24.
Heat exchanger, Regenerative. R. K. P. Stevens and M. Cox. 2,579,211, Dec. 18.
Heat exchanger, Sectional. M. B. Newcomer and C. S. Williams. 2,539,669, Jan. 30.
Heat exchanger, Shielded. J. E. Comeau. 2,564,153, Aug. 14.
Heat exchanger, Tray type. J. A. Burns and E. G. Engel. 2,566,310, Sept. 4.
Heat exchangers, Making. K. McCreary. 2,553,142. May 15.
Heat expanding perlite while wiping furnace interiors. W. L. Stafford and E. R. Powell. 2,550,877, May 1.
Heat, flame, and fire resistant sealants. E. Simon and F. W. Thomas, 2,575,687, Nov. 20.
Heat generator comprising return means for moistened smoke and gas. P. G. Vicard. 2,561,717, July 24.
Heat insulating structural panel. B. E. Del Mar. 2,556,470, June 12.
Heat-insulating unit. J. L. Finck. 2,569,234, Sept. 25.

Heat interchanger. H. M. Graham. 2,578,059, Dec. 11.
Heat motor follow-up system. R. J. Kutzler. 2,560,651, July 17.
Heat mover. M. A. Powers. 2,566,630, Sept. 4.
Heat or flame detecting element and assembly. E. A. Joerren. 2,566,335, Sept. 4.
Heat pump. M. M. Smith and E. N. Kemler. 2,562,748, July 31.
Heat pump and control means. E. J. Dillman and T. E. Noakes. 2,558,938, July 3.
Heat pump system. E. R. Ambrose and P. Sporn. 2,575,325, Nov. 20.
Heat pumping, Process of and apparatus for. K. W. Taconis. 2,567,454, Sept. 11.
Heat-radiating device. L. N. Hermann. 2,541,162, Feb. 13.
Heat radiator and radiating heat. R. F. Wandelt. 2,573,120, Oct. 30.
Heat recovery device. J. H. McNeill. 2,553,464, May 15.
Heat-recuperative power generation and apparatus therefor. A. M. Thomsen. 2,536,238, Jan. 2.
Heat-regulating system. A. S. Fitz Gerald. 2,554,945, May 29.
Heat resistant covering. M. L. Ionides and P. A. Siple. 2,578,188, Dec. 11.
Heat-resistant ferritic alloy. E. H. M. Hägglund and N. G. Rehnqvist. 2,580,171, Dec. 25.
Heat resistant light-polarizing polyvinyl borate film containing borax. F. J. Binda. 2,554,850, May 29.
Heat responsive electric switch. P. Baertl. 2,542,889, Feb. 20.
Heat-retaining unit for furnaces. R. J. Hinsley. 2,570,948, Oct. 9.
Heat sealable vulcanized film and making same. E. M. Maxey and C. P. Krupp. 2,570,829, Oct. 9.
Heat sealed ruffled article. L. C. Hosfield. 2,555,409, June 5.
Heat sealer, Dielectric. A. H. Prow. 2,542,702, Feb. 20.
Heat-sealing machine of the thermal impulse type. A. and H. Fener. 2,574,094, Nov. 6.
Heat sealing pliofilm. H. R. Denton. 2,577,183, Dec. 4.
Heat sealing receptacles. D. M. King. 2,557,975, June 26.
Heat sealing tool. T. E. Piazze and B. W. Martin. 2,579,088, Dec. 18.
Heat screen. J. M. Mochel. 2,564,708, Aug. 21.
Heat seamer. J. M. Humphrey. 2,554,860, May 29.
Heat sensitive printing element and method. A. Murray. 2,556,550, June 12.
Heat-shaping piston rings. M. W. Marien and C. E. Lippmann. 2,577,139, Dec. 4.
Heat stabilization of vinyl polymers and copolymers. A. K. Sanderson. 2,557,474, June 19.
Heat-stable plasticized aminotriazine resin compositions. H. J. West and H. M. Enterline. 2,560,319, July 10.
Heat transfer element. B. Spieth. 2,561,424, July 24.
Heat-treating and welding metal parts. H. B. Smith and G. A. Dolan. 2,540,219, Feb. 6.
Heat-treating apparatus. G. C. Riegel and D. J. Wright. 2,566,678, Sept. 4.
Heat-treating evaporated milk, Method of and apparatus for. P. C. Wilbur. 2,536,115, Jan. 2.
Heat-treating foodstuffs in containers, Method and apparatus for. P. C. Wilbur. 2,536,116, Jan. 2.
Heat-treating furnace. C. R. Berger, Jr. 2,540,806, Feb. 6.
Heat-treating furnace. R. E. Rice and W. P. Matthew. 2,543,708, Feb. 27.
Heat-treating gaseous atmospheres, Producing special. C. E. Peck and J. G. Hoop. 2,546,013, Mar. 20.
Heat-treating gray cast iron. F. G. Sefing. 2,567,791, Sept. 11.
Heat-treating machine, Automatic. D. M. Strauchen and M. Garvin. 2,555,517, June 5.
Heat-treating metallic bodies. F. O. Hess. 2,539,135, Jan. 23.
Heat-treating method and product. H. A. Strickland, Jr. 2,556,236, June 12.
Heat-treating titanium in a fused bath. R. M. Mayfield, W. B. De Long, and P. H. Permar. 2,554,042, May 22.
Heat-treatment of coils of aluminum foil. J. M. Hileman. 2,538,244, Jan. 16.
Heat-treatment of copper-silver binary alloys. A. W. Hodge. 2,567,560, Sept. 11.
Heat-treatment of irregular metallic objects. H. F. Kincaid, J. D. Graham, R. M. Baker, E. M. Wharff, and J. A. Redmond. 2,564,906, Aug. 21.
Heat treatment of strip metals. G. W. Ashton. 2,576,169, Nov. 27.
Heat unit for table top stoves, Removable. A. K. Walton and T. H. Cline. 2,548,183, Apr. 10.
Heated blast cupola. C. A. Hartman. 2,574,740, Nov. 13.
Heated pressure seaming device for plastics. A. M. Andrews. 2,579,063, Dec. 18.
Heated propeller covering. P. E. Coonly. 2,564,325, Aug. 14.
Heated tractor seat. R. P. Reason. 2,567,349, Sept. 11.
Heater: *See*—
- Acid-resistant electrical immersion heater.
- Automatic paddle wax and tallow heater.
- Bottle heater.
- Branding iron heater.
- Cabinet heater.
- Circulating heater.
- Coil type water tube heater.
- Concentric shell type hot-air heater.
- Continuous heater.
- Controlled electric heater.
- Curling iron and pressing comb heater.
- Deaerating feed-water heater.
- Duplex heater.
- Electric carburetor heater.
- Electric heater.
- Electric mattress heater.
- Electric oil well heater.
- Electric room heater.
- Electric water heater.
- Electrical warm air recirculating room heater.
- Electrical water heater.
- Electrode type liquid heater.
- Finned type heater.
- Fluid heater.
- Forced air circulation combustion type space heater.
- Fuel oil space heater.
- Gas-fired forced air flow unit heater.
- Gas-fired forced air heater.
- Gas fired water heater.
- Gas water heater.
- Hot-air space heater.
- Hot-water heater.
- Ice-fishing heater.
- Immersion heater.
- Liquid conductor heater.
- Liquid heater.
- Multiple annular heat transfer element forced flow air heater.
- Multiple stage bleed heater.
- Paint heater.
- Pebble heater.
- Portable electric orchard heater.
- Portable heater.
- Quick heat water heater.
- Radiant heater.
- Selective capacity water heater.
- Sludge heater.
- Space heater.
- Surface heater.
- Vehicle heater.
- Vertical water heater.
- Wall type heater.
- Water heater.

Heater. C. F. Daly. 2,536,425, Jan. 2.
Heater. F. W. Fisher and G. J. Basl. 2,562,088, July 24.
Heater. S. E. Heymann. 2,545,616, Mar. 20.
Heater. H. R. Horning. 2,553,091, May 15.
Heater. B. De Lorenzo. 2,555,322, June 5.
Heater. J. H. Loweth and J. E. Scharff. 2,580,033, Dec. 25.
Heater. V. E. Matulaitis. 2,552,337, May 8.
Heater. R. S. and C. S. Prendergast and E. T. Winters. 2,579,127, Dec. 18.
Heater and burner housing therefor, Water. M. G. Burwell. 2,559,110, July 3.
Heater and control, Liquid. R. M. McQuitty. 2,545,966, Mar. 20.
Heater and drier, Combination. A. T. Manacher. 2,549,106, Apr. 17.
Heater and heated vessel, Electric resistance. L. P. Hynes. 2,536,747, Jan. 2.
Heater and steam generator, Electrode type liquid. R. W. Lohman. 2,556,656, June 12.
Heater and thermostat mounting, Coordinated electric. R. C. Ingels. 2,561,474, July 24.
Heater baffle, Pebble. D. S. Hall. 2,565,811, Aug. 28.
Heater casing for receiving combustion products, Space. D. Olds and C. L. Schroeder. 2,550,854, May 1.
Heater control, Fluid. P. R. Grossman and J. F. Shannon. 2,577,655, Dec. 4.
Heater control valve. E. D. Raney. 2,538,212, Jan. 16.
Heater, cooker, and food warmer, Portable. D. D. Roberts. 2,556,106, June 5.
Heater element and the like, Sealed. J. Swiss. 2,538,808, Jan. 23.
Heater fan. O. A. Sutton. 2,567,087, Sept. 4.
Heater for air and/or water, Fuel-burning. L. Davidson. 2,556,170, June 12.
Heater for automobiles, Automatic electric circulation. J. R. McClain. 2,574,929, Nov. 13.
Heater for axial flow air compressors, Induction. P. L. Gill. 2,547,934, Apr. 10.
Heater for canned food containers. R. L. Steven. 2,553,878, May 22.
Heater for coffee urns, Automatically controlled water. R. G. Bright. 2,559,931, July 10.
Heater for gas ranges, Water. A. R. Franklin. 2,556,911, June 12.
Heater for gases or vapors. E. Strunk. 2,554,130, May 22.
Heater for house trailers, Combustion type air. D. B. Hohnstein. 2,579,821, Dec. 25.
Heater for liquids, Immersion. J. C. Wiesner and J. R. Carey. 2,545,418, Mar. 13.
Heater for lubricants. D. E. Harris. 2,560,795, July 17.
Heater for motor vehicles, Air. W. D. Cullen. 2,544,446, Mar. 6.
Heater for oil well tubing. D. E. Tomlinson. 2,561,249, July 17.
Heater for outdoor theaters. R. S. Carroll. 2,537,330, Jan. 9.
Heater for stock watering tanks, Electric. J. T. Landgraf. 2,576,688, Nov. 27.
Heater for tanks and the like, Float type immersion. J. T. Landgraf. 2,561,932, July 24.
Heater for water and other liquids, Steam operated. H. A. Smith. 2,539,280, Jan. 23.
Heater having a helical fluid conveying coil. H. M. Paulsen. 2,566,627, Sept. 4.
Heater having plural reflectors for preventing frost damage to plant life, Radiant. A. W. Farrall. 2,577,410, Dec. 4.
Heater structure. J. M. Aufiero. 2,563,449, Aug. 7.
Heater support for railroad car bunkers, Collapsible. N. R. Duff and H. H. Hutchison. 2,558,173, June 26.

Heater with air cooled cast metal secondary air conduit, Smokeless solid fuel. W. A. Stuckey, M. Gregurich, and F. Tomasich. 2,579,213, Dec. 18.
Heater with draft control means, Fuel burning space. R. E. Mayo. 2,561,934, July 24.
Heater with magazine automatic dampers and hot-air jacket, Solid-fuel-burning space. D. H. Wyatt. 2,545,680, Mar. 20.
Heater with scroll enclosed multiple annular heat transfer element, Forced air, fuel fired. G. B. Herbster. 2,564,257, Aug. 14.
Heater with spaced parallel heat absorbing sheets, Solar. R. E. Barnett. 2,553,073, May 15.
Heating and air conditioning system. G. A. Cherem. 2,541,337, Feb. 13.
Heating and cooling system, Combined. E. A. Russell and T. J. Lehane. 2,564,344, Aug. 14.
Heating and cooling system for buildings. J. Slane. 2,564,215, Aug. 14.
Heating and cooling system, Reversible. F. A. Krueger. 2,572,356, Oct. 23.
Heating and cooling unit, Room. A. J. Lichty. 2,557,035, June 12.
Heating and dispensing apparatus, Popped corn. W. H. Beaudot. 2,562,081, July 24.
Heating and drying apparatus, Electrical. L. Marano. 2,555,416, June 5.
Heating and drying device, Radiant. R. F. Wandelt. 2,573,121, Oct. 30.
Heating and drying system. R. Zaniroli. 2,577,441, Dec. 4.
Heating and therapeutic chamber, Radiant. J. L. Reynolds. 2,543,937, Mar. 6.
Heating and ventilating apparatus for tobacco barns. C. B. Lytton. 2,551,215, May 1.
Heating and ventilating system. J. Stein. 2,572,888, Oct. 30.
Heating apparatus. A. L. Baker. 2,550,754, May 1.
Heating apparatus. E. M. Callender. 2,545,805, Mar. 20.
Heating apparatus. D. Cauchener. 2,540,652, Feb. 6.
Heating apparatus. E. K. Clark. 2,555,841, June 5.
Heating apparatus. W. H. De Lancey. 2,568,120, Sept. 18.
Heating apparatus. P. Gubson. 2,569,757, Oct. 2.
Heating apparatus. T. J. Payant. 2,561,290, July 17.
Heating apparatus. H. J. Rose. 2,546,785, Mar. 27.
Heating apparatus. R. E. Winn. 2,577,694, Dec. 4.
Heating apparatus and method, Immersion liquid. W. W. Kemp. 2,536,608, Jan. 2.
Heating apparatus, Billet. K. Skivesen. 2,566,096, Aug. 28.
Heating apparatus for metal ingots and blocks, Differential. T. A. Ledin. 2,578,890, Dec. 18.
Heating apparatus, Forced air. C. W. Carlson. 2,575,907, Nov. 20.
Heating apparatus, Gas-fired immersion. M. J. Dewey. 2,543,835, Mar. 6.
Heating apparatus, High-frequency induction. E. S. Freshwater, R. C. Muth, and E. W. Cunningham. 2,547,635, Apr. 3.
Heating apparatus, Metallurgical. H. Dobrin. 2,545,725, Mar. 20.
Heating apparatus, Steam. W. D. Maurer and E. L. Wolfe. 2,558,097, June 26.
Heating apparatus, Waveguide dielectric. K. J. Stiefel. 2,560,903, July 17.
Heating assembly, Solar. L. W. Cornwall. 2,553,302, May 15.
Heating by the laminar combustion of gas in the interior of dull radiation tubes, Method and apparatus for. R. Duchêne. 2,578,520, Dec. 11.
Heating chamber, Large scale pebble. S. P. Robinson. 2,552,063, May 8.
Heating chamber, Pebble. R. R. Goins. 2,565,809, Aug. 28.
Heating control, Electric. J. E. Burton and E. M. Callender. 2,557,905, June 19.
Heating control system. R. G. Miner. 2,553,060, May 15.
Heating, deaerating, and purifying water. C. E. Joos and A. E. Kittredge. 2,560,226, July 10.
Heating device. T. R. Günther. 2,577,243, Dec. 4.
Heating device. T. H. Lennox. 2,552,193, May 8.
Heating device. H. A. Powers. 2,537,086, Jan. 9.
Heating device. C. O. Rothweiler. 2,562,821, July 31.
Heating device and automatic control means therefor. C. M. Wheelock. 2,549,952, Apr. 24.
Heating device, Electric. J. M. Cumming and W. S. Aspey. 2,548,423, Apr. 10.
Heating device, Electric. R. Lucas and A. J. Reedy. 2,547,402, Apr. 3.
Heating device, Electrical. L. E. Steiner. 2,549,944, Apr. 24.
Heating device for airplanes. G. Van Daam. 2,552,075, May 8.
Heating device for molten materials. R. L. Nall. 2,569,824, Oct. 2.
Heating device of the hot-air type. P. E. Bessierè and L. E. Ponsy. 2,549,362, Apr. 17.
Heating element. R. Czepek. 2,556,679, June 12.
Heating element and making the same, Electrical. J. Gyuris. 2,553,762, May 22.
Heating element, Electric. G. H. Bancroft. 2,557,530, June 19.
Heating element, Electric. C. M. Osterheld. 2,570,975, Oct. 9.
Heating element, Electric. H. N. Shaw. 2,553,875, May 22.
Heating element, Electrical. F. V. Collins and K. F. Spalding. 2,552,259, May 8.
Heating element for convection heaters. B. Spieth. 2,545,561, Mar. 20.
Heating element, Hot-water bottle. B. Strezoff. 2,548,076, Apr. 10.
Heating equipment, Self-gasifying. R. Martiri. 2,557,193, Jan. 19.
Heating for buildings, Radiant panel. E. A. Milborn. 2,548,036, Apr. 10.
Heating furnace. J. Yoxall. 2,549,742, Apr. 17.
Heating installation, Radiant. R. C. Cassidy, J. F. Schreiber, and E. D. Tidd. 2,569,921, Oct. 2.
Heating installation, Radiant. E. D. Tidd. 2,569,961, Oct. 2.
Heating means for steering wheels. E. T. Steppan. 2,537,606, Jan. 9.
Heating method and apparatus, High-frequency. E. Mittlemann. 2,551,756, May 8.
Heating of flat metal by transverse flux, Induction. F. O. Schnure, Jr. 2,556,223, June 12.
Heating of materials, Electronic. F. V. Collins. 2,570,921, Oct. 9.
Heating means for silos, Electrical. H. L. Quist. 2,570,376, Oct. 9.
Heating means, including a heat transfer system. S. M. Bäckström. 2,570,189, Oct. 9.
Heating method and apparatus. F. M. Flynn. 2,569,809, Oct. 2.
Heating pad control system. A. A. Johnson. 2,579,926, Dec. 25.
Heating panel, Electrical. J. F. Schreiber. 2,540,295, Feb. 6.
Heating solid granules. R. D. Drew. 2,548,522, Apr. 10.
Heating-step method of producing a composite coated object, Multiple. C. H. Hempel. 2,536,056, Jan. 2.
Heating system. F. C. Broderick. 2,557,368–9, June 19.
Heating system. L. A. Buell. 2,544,981, Mar. 13.
Heating system. W. C. Buttner and J. R. Bunce. 2,551,823, May 8.
Heating system. J. M. Day. 2,556,840, June 12.
Heating system. H. Etzelt and G. Nemetz. 2,538,964, Jan. 23.
Heating system. M. Mannist. 2,580,111, Dec. 25.
Heating system. H. L. Mohn. 2,540,055, Jan. 30.
Heating system. M. A. Powers. 2,539,469, Jan. 30.
Heating system. R. W. Qualley and A. B. Newton. 2,544,544, Mar. 6.
Heating system. W. L. Scheu. 2,579,158, Dec. 18.
Heating system. J. R. Swanton, Jr. 2,544,474, Mar. 6.
Heating system and apparatus. K. L. Reinke. 2,549,238, Apr. 17.
Heating system and control therefor, Hot water. R. W. De Lancey. 2,578,340, Dec. 11.
Heating system and heating, Electric. H. Eknayan. 2,564,157, Aug. 14.
Heating system, Automatic electric hot-water. D. J. Limerick. 2,563,345, Aug. 7.
Heating system, Automatically controlled vapor. T. J. Lehane, J. Van Vulpen, and R. J. Vlaming. 2,574,877, Nov. 13.
Heating system, Central. B. B. S. Barraclough. 2,565,796, Aug. 28.
Heating system control. T. J. Lehane, L. E. Haskett, and E. W. Johnson. 2,574,925, Nov. 13.
Heating system control. V. N. Tramontini. 2,559,810, July 10.
Heating system controlled by outside temperature. R. L. Hooghkirk. 2,570,810, Oct. 9.
Heating system controller. R. A. Lingen and L. E. Cross. 2,559,253, July 3.
Heating system, Dielectric. D. G. C. Hare. 2,562,911, Aug. 7.
Heating system, Electric. J. L. Reed. 2,568,411, Sept. 18.
Heating system, Electrical. J. W. Dickey. 2,552,480, May 8.
Heating system for buildings and structures, Electric. J. L. Musgrave. 2,539,265, Jan. 23.
Heating system for containers. H. M. Badger. 2,541,321, Feb. 13.
Heating system for damp places, Electrical. R. S. Tice. 2,543,882, Mar. 6.
Heating system, Forced circulation hot-water. R. D. Düy. 2,546,358, Mar. 27.
Heating system, Heating. F. W. Gay. 2,559,870, July 10.
Heating system, High-frequency dielectric. G. H. Brown. 2,563,098, Aug. 7.
Heating system, Household. W. S. Peper. 2,545,107, Mar. 13.
Heating unit, Electric. J. McOrlly. 2,550,843, May 1.
Heating unit, Electric. J. McOrlly. 2,571,274, Oct. 16.
Heating unit, Electrical. J. W. Myers. 2,576,632, Nov. 27.
Heating unit, Electrical. W. H. Vogelsberg. 2,569,121, Sept. 25.
Heating unit for pressing irons, Electric. E. F. Pohl. 2,553,274, May 15.
Heating unit, Hot-air. J. C. Frank. 2,573,004, Oct. 30.

Heating unit. Hot-water air. E. W. Caldwell. 2,567,801, Sept. 11.
Heating unit, Oven. H. W. Schulze and L. B. Wilhelm. 2,536,613, Jan. 2.
Heating unit, Portable gas burning space. E. M. Anderson, G. R. Kelley, and E. A. Clifford. 2,538,492, Jan. 16.
Heating vessels. C. O. Glasgow and J. L. Maher. 2,579,184, Dec. 18.
Heavy-duty fiber container. S. P. Belsinger. 2,578,774-7, Dec. 18.
Heavy-duty transmission. R. A. Beckwith. 2,576,478, Nov. 27.
Heavy hydrocarbons of hydogen isotopes, Preparation of. L. C. Kemp, Jr. 2,577,017, Dec. 4.
Heavy metal borohydrides, Preparation of. H. R. Hoekstra and J. J. Katz. 2,575,760, Nov. 20.
Heddle. J. J. Kaufmann. 2,552,487, May 8.
Heddle and lingo and making the same, Combined. S. A. Ferrary. 2,576,005, Nov. 20.
Heddle control for looms. P. A. Whitaker. 2,558,284, June 26.
Heddle frame. F. M. Suchke. 2,577,693, Dec. 4.
Hedge and weed cutter. A. Tamol. 2,548,077, Apr. 10.
Hedge cutting machine. R. Richardson. 2,579,862, Dec. 25.
Hedge trimming device. L. T. Roberton. 2,564,032, Aug. 14.
Heel, Antisplash. C. O. Walpa. Re. 23,350, Mar. 27.
Heel, Combination leather and rubber. M. Leopaldi. 2,547,711, Apr. 3.
Heel construction. S. L. Dratler. 2,544,878, Mar. 13.
Heel construction, Spring. C. W. Hensley. 2,548,308, Apr. 10.
Heel covering machine. F. A. O'Donnell. 2,569,070, Sept. 25.
Heel, Detachable. T. Gilmour. 2,542,078, Feb. 20.
Heel for shoes, Spring. J. W. Ostrom. 2,555,654, June 5.
Heel, Plastic reinforced leather. J. P. Lavin. 2,569,065, Sept. 25.
Heel, Ramp. M. Kaufmann. 2,540,449, Feb. 6.
Heel, Resilient. S. D'Amico. 2,536,539, Jan. 2.
Heel, Rubber. J. H. Buechler. 2,548,194, Apr. 10.
Heel, Shoe. J. B. Sniezek. 2,549,340, Apr. 17.
Heel slotting machine. J. W. Ashley and J. F. Leahy. 2,572,091, Oct. 23.
Heel stiffening plate. L. Sabo. 2,544,048, Mar. 6.
Heel, Walking. J. J. Ettinger. 2,547,570, Apr. 3.
Heeling machines. J. T. Lancaster. 2,579,936, Dec. 25.
Height gauge. P. Aiken. 2,561,164, July 17.
Height gauge. L. H. Cormier. 2,569,558, Oct. 2.
Height gauge. B. B. Leustig. 2,565,140, Aug. 21.
Height gauge. J. J. Neff. 2,541,535, Feb. 13.
Helical resistor. H. Bowitz and S. S. Fishfader. 2,542,113, Feb. 20.
Helicopter. D. Leskinen. 2,568,645, Sept. 18.
Helicopter. J. S. Neale. 2,551,455, May 1.
Helicopter. W. H. Raser. 2,568,363, Sept. 18.
Helicopter, Amphibian. J. D. Catalano. 2,554,938, May 29.
Helicopter amphibious landing gear. B. Kelley and E. G. Dickinson. 2,544,794, Mar. 13.
Helicopter antitorque mechanism. G. F. Myers. 2,575,886, Nov. 20.
Helicopter attitude indicator. J. W. Klopp and W. T. Shelton. 2,567,212, Sept. 11.
Helicopter control. M. D. Buivid. 2,538,082, Jan. 16.
Helicopter, Multirotor. J. S. Neale. 2,540,404, Feb. 6.
Helicopter rotor construction. S. Apostolescu. 2,549,407, Apr. 17.
Helicopter rotor control. H. D. Harby. 2,573,016, Oct. 30.
Helicopter rotor control. H. A. Kisner. 2,563,047, Aug. 7.
Helicopter rotor head, Constant speed tilting. W. E. Hunt. 2,569,061, Sept. 25.
Helicopter, Tandem rotor. F. N. Piasecki. 2,552,864, May 15.
Helicopter with automatic antitorque vane. A. A. L. Bruel. 2,547,255, Apr. 3.
Helicopter with jet-driven lift rotor. C. G. Pullin. Re. 23,448, Dec. 25.
Helmet. G. A. Lyon. 2,557,123, June 19.
Helmet, Welder's. J. Doran. 2,546,942, Mar. 27.
Helmet, Welding. W. R. Harrington. 2,544,457, Mar. 6.
Helper device. W. Worstenholm. 2,559,059, July 3.
Helve setting for prospectors' tools. C. L. Swett. 2,537,244, Jan. 9.
Hem gauge. R. O. Rundquist. 2,562,335, July 31.
Hem line marker. D. M. Van Liew. 2,549,267, Apr. 17.
Hem marker, Skirt. A. M. Schwartz. 2,538,537, Jan. 16.
Hemicyanine dyestuffs. A. E. van Dormael. 2,553,989, May 22.
Hemi-diethylene glycol adduct of 3,12-dihydroxy-7-keto-cholanic acid and preparation thereof. B. F. Tullar. 2,549,947, Apr. 24.
Hemimercaptals. F. Kipnis and J. Ornfelt. 2,560,531, July 17.
Hemostatic composition of thrombin and glycocoll. G. L. A. Crut. 2,553,497, May 15.
Hemostatic tonsillectome. O. C. Daniels, Sr. 2,540,936, Feb. 6.
Hen's nest. L. A. Marshall. 2,564,207, Aug. 14.
Heptachlor, Producing. H. Bluestone, R. E. Lidov, J. H. Knaus, and P. W. Howerton. 2,576,666, Nov. 27.
Herbicidal composition. C. E. Byer and F. A. Manley. 2,554,192, May 22.
Herbicidal composition containing oxo bottoms, Selective crab grass. J. F. McKay, Jr. and L. Z. Jasion. 2,575,282, Nov. 13.
Herbicidal compositions. L. L. Baumgartner. 2,567,987, Sept. 18.
Herbicidal compositions. J. Kamlet. 2,536,751, Jan. 2.
Herbicidal compositions and application thereof. L. L. Baumgartner. 2,562,011, July 24.
Herbicidal compositions containing esters of chlorinated phenoxyacetic acids. W. W. Allen. 2,543,397, Feb. 27.
Herbicidal compositions, Selective crab grass. M. W. Swaney, H. L. Yowell, and J. F. McKay, Jr. 2,537,608, Jan. 9.
Herbicidal formulations. C. M. Eaker. 2,550,049, Apr. 24.
Herbicide. J. A. Lambrech. 2,573,769, Nov. 6.
Herbicide sprays. W. J. Hanson and J. M. Dunham. 2,571,712, Oct. 16.
Herbicides. H. E. Hall. 2,537,995, Jan. 16.
Herbicides. R. A. Rogers. 2,551,705, May 8.
Hermetic crystal holder. M. N. Glickman and M. Klebanoff. 2,577,576, Dec. 4.
Hermetically sealed adjustable device. D. B. Peck. 2,575,726, Nov. 20.
Hermetically sealed connector. W. S. Quincy, Jr. 2,536,088, Jan. 2.
Hermetically sealed electric switch. H. I. Keroes. 2,544,328, Mar. 6.
Hermetically sealed operating device. R. D. Nelson. 2,551,847, May 8.
Hermetically sealed package for mixing and discharging paint. E. H. Seymour. 2,580,132, Dec. 25.
Hermetically sealed reel. C. E. Bennett and P. V. White. 2,555,840, June 5.
Hernia pad. L. Zaras. 2,547,727, Apr. 3.
Hernia pad. L. Zaras. 2,569,271, Sept. 25.
Heterocyclic benzanthrone compounds. W. Schmidt-Nickels. 2,546,138, Mar. 20.
Heterocyclic compounds. C. Djerassi and C. R. Scholz. 2,579,478, Dec. 25.
Heterocyclic quaternary ammonium compounds. J. M. Sprague. 2,567,912, Sept. 11.
Heterocyclic quaternary ammonium pentachlorophenates. S. N. Glarum and A. L. Houk. 2,541,961, Feb. 13.
Heterocyclic sulfonamides and preparation thereof. J. W. Clapp and R. O. Roblin, Jr. 2,554,816, May 29.
Heterodyne detector circuit. E. O. Keizer and V. D. Landon. 2,571,041, Oct. 9.
Heterodyne frequency converter. L. Riebman. 2,572,880, Oct. 30.
Heterogeneous mixture of compounds, The separation of a. G. B. Arnold and H. V. Hess. 2,539,393, Jan. 30.
Heteropolymerization of sulfur dioxide and an unsaturated organic compound in the presence of an iron polyphosphate. W. W. Crouch and J. F. Howe. 2,556,799, June 12.
Heteropolymers of vinyl aromatic compounds, alkyl acrylates, and alkyl half esters of ethylene dicarboxylic acids, and preparing same. G. R. Barrett. 2,537,016, Jan. 9.
Hexaalkyl tetraphosphates, Production of. M. Puchir and S. Tryon. 2,562,244, July 31.
Hexachloroendomethylenedialkoxytetrahydroindanes. J. W. Dawson and W. J. Croxall. 2,562,893, Aug. 7.
Hexahydropyrimidine-4,6-diones. W. R. Boon, H. C. Carrington, and C. H. Vasey. 2,578,847, Dec. 18.
Hexamethyl benzene compounds. R. F. Kleinschmidt. 2,542,417, Feb. 20.
Hexamethylenetetramine, Production of. A. G. Eickmeyer. 2,542,315, Feb. 20.
Hexitols by catalytic reduction of carbohydrates, Manufacturing. J. Lolkema, H. A. Van Westen, and J. C. Vlugter. 2,546,103, Mar. 20.
Hiccup treating apparatus. T. D. Assmar. 2,560,404, July 10.
High and low frequency control for amplifier circuits. R. A. Makepease. 2,559,888, July 10.
High chair. E. L. Johnson. 2,544,760, Mar. 13.
High chair. T. P. Rossi. 2,574,289, Nov. 6.
High dextrin dextrose process. J. E. Cleland and A. L. Meyer. 2,571,541, Oct. 16.
High-discharge and low-charging mixer. E. H. Lichtenberg. 2,558,765, July 3.
High efficiency magnetrons. P. L. Spencer. Re. 23,337, Feb. 6.
High-frequency apparatus. N. E. Lindenblad. 2,556,094, June 5.
High-frequency attenuating apparatus. T. M. Ferrill, Jr. 2,548,881, Apr. 17.
High-frequency bridge circuit. R. B. Muchmore. 2,579,751, Dec. 25.
High-frequency detecting device. W. H. Fenn. 2,566,026, Aug. 28.
High-frequency dielectric heating. R. B. Parmenter and E. L. Marven. 2,564,579, Aug. 14.
High-frequency dielectric heating. R. M. Wilmotte, H. J. Cameron, and L. L. Young. 2,565,161, Aug. 21.
High-frequency electron discharge device of the traveling wave type. N. E. Lindenblad. 2,578,434, Dec. 11.
High-frequency energy absorbing variable coupling device. N. Lund. 2,579,327, Dec. 18.

High-frequency filter. W. H. Huggins and P. I. Richards. 2,540,734, Feb. 6.
High-frequency generator. A. Montani. 2,554,117, May 22.
High-frequency heating. E. Mittlemann. 2,551,757, May 8.
High-frequency heating. W. S. Thompson. 2,575,604, Nov. 20.
High-frequency high-power tube. L. P. Garner, W. N. Parker, and W. E. Harbaugh. 2,544,664, Mar. 13.
High-frequency inductive structure. M. J. Columbe. 2,541,810, Feb. 13.
High-frequency mixer. W. W. Salisbury. 2,547,412, Apr. 3.
High-frequency oscillator. P. O. Farnham. 2,566,606, Sept. 4.
High-frequency power and impedance monitor. W. H. Doherty, J. F. Morrison, and E. L. Younker. 2,575,799, Nov. 20.
High-frequency power radiating and distributing means for antenna and heating systems. L. H. Crook. 2,564,675, Aug. 21.
High-frequency progressive bonding apparatus. E. S. Welch, Jr. 2,539,646, Jan. 30.
High-frequency system, Controlled. P. B. Wilson, Jr., and S. P. Oppenheimer. 2,545,328, Mar. 13.
High-frequency thermistor wattmeter. R. A. Howard. 2,565,922, Aug. 28.
High-frequency transmission cable. R. M. Krueger. 2,543,696, Feb. 27.
High-frequency tuner. J. M. Clark and W. H. Counts. 2,566,759, Sept. 4.
High-frequency unit for inert gas arc welding. C. L. Volff and J. Hammerslag. 2,574,514, Nov. 13.
High-frequency vacuum tube. E. Toth. 2,567,255, Sept. 11.
High-frequency variable power output system. T. U. Foley and G. W. Klingaman. 2,540,613, Feb. 6.
High-frequency wave meter. J. P. Hagen and F. C. Isely. 2,544,674, Mar. 13.
High frequency waves in a liquid medium, Production of. F. G. Firth. 2,559,864, July 10.
High-intensity magnetic separator. A. E. Prince. 2,565,089, Aug. 21.
High-lift appliance for largely swept-back wings. L. Romani. 2,555,862, June 5.
High-loss magnetic core for high-frequency coils. R. L. Harvey. 2,561,495, July 24.
High melting-high water-resistant grease. B. W. Hotten. 2,577,706, Dec. 4.
High molecular derivatives of piperazine. J. D. Malkemus and J. Ross. 2,574,407, Nov. 6.
High molecular weight carboxylic acids. H. D. Hartough. 2,542,772, Feb. 20.
High molecular weight fatty acids. W. R. Trent. 2,567,409, Sept 11.
High molecular weight halogen-containing organic materials stabilized with iron salts. H. A. Cheney. 2,563,772, Aug. 7.
High molecular weight polymers, Process and apparatus for the production of. A. D. Green and W. J. Paltz. 2,545,144, Mar. 13.
High molecular weight thioethers, Manufacture of. J. F. Olin. 2,571,157, Oct. 16.
High molecular weight unsaturated ethers, Preparation of. J. K. Mertzweiller. 2,578,724, Dec. 18.
High-power transmission line switch. R. A. Kent. 2,561,871, July 24.
High power ultra high-frequency load device. A. G. Kandoian. 2,562,921, Aug. 7.
High-pressure apparatus. P. W. Bridgman, R. R. Ridgway, and E. van der Pyl. 2,544,414, Mar. 6.
High-pressure apparatus. T. C. Poulter. 2,554,499, May 29.
High-pressure ball and socket pipe joint. R. P. Delano, Jr., and R. W. Gregson. 2,550,536, Apr. 24.
High-pressure container. S. Jabour. 2,541,065, Feb. 13.
High-pressure gland. J. R. Dunbar, P. Bloedel, and H. A. Simons. 2,540,077, Feb. 6.
High-pressure liquid level gauge. H. J. Johnson. 2,566,570, Sept. 4.
High-pressure liquid level gauge. H. D. Yoder. 2,579,719, Dec. 25.
High-pressure mercury vapor electric discharge lamp. G. G. Isaacs and E. H. Nelson. 2,545,884, Mar. 20.
High-pressure mercury vapor lamp. V. J. Francis and E. H. Nelson. 2,538,561, Jan. 16.
High-pressure metal vapor electric discharge lamp. G. G. Isaacs and D. E. Samuels. 2,561,866, July 24.
High-pressure metering pump. G. R. Ericson. 2,537,336, Jan. 9.
High-pressure pipes and vessels, Production of. A. C. Vivian. 2,576,085, Nov. 20.
High-pressure polymerization of perhaloolefins. W. T. Miller. 2,567,956, Sept. 18.
High quality petroleum products, Production of. E. Arundale and L. A. Mikeska. 2,567,173, Sept. 11.
High-speed cover feed. J. Simpson. 2,579,976, Dec. 25.
High-speed flexible joint. J. W. Browning. 2,546,298, Mar. 27.
High-speed frequency divider. O. L. MacSorley. 2,558,447, June 26.
High-speed mechanical power press. W. Klocke. 2,562,044, July 24.
High-speed metal drawing press. E. K. Johansen. 2,550,063, Apr. 24.
High-speed rotor mounting. W. J. Bryant and T. H. Ljunggren. 2,550,908, May 1.
High-speed wire tension device. B. B. Scott. 2,569,342, Sept. 25.
High-speed switching circuit. I. E. Grosdoff. 2,545,083, Mar. 13.
High-speed wood boring bit. E. H. Smith. 2,543,206, Feb. 27.
High-strength nonmagnetic steels. P. Payson. 2,561,945, July 24.
High styrene-butadiene copolymer and making same. L. H. Perry. 2,551,760, May 8.
High-sulfur carbonaceous compositions. B. W. Gamson. 2,539,187, Jan. 23.
High-temperature alloys and articles, Production of. C. G. Bieber and W. F. Sumpter. 2,570,194, Oct. 9.
High-temperature gas valve. F. H. Johnson. 2,575,875, Nov. 20.
High-temperature hydrocarbon conversions, Method and apparatus for. L. P. Evans. 2,543,743, Feb. 27.
High-temperature-measuring system. R. C. Machler. 2,565,249, Aug. 21.
High-temperature vulcanization. A. A. Somerville. 2,549,396, Apr. 17.
High-tension interrupting device. A. Thibaudat. 2,551,772, May 8.
High-vacuum fractionating distillation apparatus. E. S. Perry. 2,578,086, Dec. 11.
High viscosity dispersions of rubbery materials. R. E. Munsell. 2,580,040, Dec. 25.
High-voltage condenser. E. C. Doughty, Jr. 2,555,326, June 5.
High-voltage direct-current power supply system. E. W. Herold. 2,568,394, Sept. 18.
High-voltage electric switch. J. G. Armstrong. 2,566,917, Sept. 4.
High-voltage power supply. R. R. Gannaway. 2,546,591, Mar. 27.
High-voltage power supply. S. I. Tourshou and W. E. Scull, Jr. 2,555,827, June 5.
High-voltage power supply, Regulated. A. L. Olson. 2,565,621, Aug. 28.
High-voltage power supply regulation. V. J. Duke. 2,577,112, Dec. 4.
High-voltage pulse generator. A. L. Samuel. 2,537,862, Jan. 9.
High-voltage supply. R. M. Lichtenstein, W. W. Schultz, and E. E. Goodale. 2,546,035, Mar. 20.
High-voltage switch. C. L. Stroup. 2,543,712, Feb. 27.
High-voltage system. D. W. Epstein and F. H. Nicoll. 2,542,493, Feb. 20.
Higher alcohols, Manufacture of. H. C. Black and W. M. Leaders. 2,567,541, Sept. 11.
Highway marking paint containing glass beads. H. Heltzer. 2,574,971, Nov. 13.
Highway marking paint containing glass beads. J. M. Hill. 2,574,972, Nov. 13.
Hinge. W. E. Barrett. 2,541,567, Feb. 13.
Hinge. P. A. Bernhardt. 2,566,872, Sept. 4.
Hinge. J. W. Gawlik. 2,566,486, Sept. 4.
Hinge. L. Mauraton. 2,542,340, Feb. 20.
Hinge. L. H. Morin. 2,569,862, Oct. 2.
Hinge. R. B. Pollman. 2,570,479, Oct. 9.
Hinge. R. S. Wagner. 2,563,979, Aug. 14.
Hinge. A. F. Young. 2,558,228, June 26.
Hinge, Awning. F. V. McCoy. 2,566,459. Sept. 4.
Hinge, Box type. L. H. Haase. 2,557,048, June 12.
Hinge, Cabinet. R. A. Stone. 2,578,610, Dec. 11.
Hinge, Casement window. J. Brownlie, R. Gerstenzang, and A. C. Blamey. 2,579,785, Dec. 25.
Hinge, Casement window. H. A. Byram. 2,577,738, Dec. 11.
Hinge, Chair and sofa. V. P. Carrick. 2,539,812, Jan. 30.
Hinge, Combination. J. P. Doman. 2,577,456, Dec. 4.
Hinge construction. H. W. Whitmore. 2,547,550, Apr. 3.
Hinge construction for electric heating devices. A. M. Young. 2,566,915, Sept. 4.
Hinge construction, Separable. C. R. Wartenberg. 2,551,191, May 1.
Hinge, cover support, and check, Combined. J. J. Ender. 2,573,096, Oct. 30.
Hinge, Deck lid. J. H. Roethel. 2,543,600, Feb. 27.
Hinge device, Electric hot plate. F. E. Kirk. 2,565,432, Aug. 21.
Hinge, Door. J. P. Doman. 2,568,225, Sept. 18.
Hinge, Door. A. Foltis. 2,538,678–9, Jan. 16.
Hinge, Door. E. Vogel. 2,571,633, Oct. 16.
Hinge, Flush type sliding. C. A. Peterson. 2,572,381, Oct. 23.
Hinge, Folding leg bracket. A. D. Sheffer. 2,558,915, July 3.
Hinge for boom sprayers, Flexible. W. M. Vogel, Jr. 2,564,041, Aug. 14.
Hinge for box covers, Snap-in. J. Coyle and W. F. Punte. 2,559,009, July 3.
Hinge for combination storm windows, Spring. H. E. Graves, Jr. 2,575,623, Nov. 20.
Hinge for containers. G. H. Hake. 2,570,341, Oct. 9.
Hinge for containers, Integral. G. E. Eckman. 2,551,587, May 8.

Hinge for photographic apparatus. W. Castedello. 2,576,906, Dec. 4.
Hinge for sheet metal containers, Integral. J. F. Peters and H. W. Jones. 2,555,366, June 5.
Hinge for trunks or lockers. F. T. Paden. 2,544,721, Mar. 13.
Hinge, Frictionally-held. O. C. Gessler. 2,553,185, May 15.
Hinge leaf structure. H. I. Claxton. 2,543,437, Feb. 27.
Hinge lock. G. Hohlfeld. 2,542,197, Feb. 20.
Hinge mechanism for overhead doors. W. G. Bowsher. 2,573,178, Oct. 30.
Hinge mechanism for range doors. W. Rinaldo. 2,579,091, Dec. 18.
Hinge, Olive knuckle butt. C. J. Soss. 2,566,504, Sept. 4.
Hinge, One hundred and eighty degree. G. W. Neely. 2,541,377, Feb. 13.
Hinge, Overhead door. R. Fowler. 2,566,022, Aug. 28.
Hinge, Panel. H. E. Michael. 2,549,110, Apr. 17.
Hinge, Plastic snap. R. P. Magnenat. 2,580,310, Dec. 25.
Hinge, Pole. H. E. Rutledge. 2,577,811, Dec. 11.
Hinge, Safety. H. D. Allee. 2,557,716, June 19.
Hinge, Self-locking. P. H. Durup. 2,571,430, Oct. 16.
Hinge, Spectacle frame. T. J. Fox. 2,567,879, Sept. 11.
Hinge, Spring. L. Sweet. 2,553,882, May 22.
Hinge, Storm window. G. A. Thomas. 2,575,145, Nov. 13.
Hinge structure. C. B. Ferrel. 2,546,590, Mar. 27.
Hinge, Toilet seat locking. F. J. Schmitz. 2,578,153, Dec. 11.
Hinged apron for earth carrying scoops. J. E. Johnson. 2,562,193, July 31.
Hinged container. C. U. Deaton. 2,555,473, June 5.
Hinged cover plastic box. R. P. Magnenat. 2,571,909, Oct. 16.
Hinged fuel tank cap. J. V. Card. 2,556,647, June 12.
Hinged fusee holder. C. O. Jester. 2,551,269, May 1.
Hinged joint and swivel beam for tractor-mounted implements. W. C. Daniel. 2,579,553, Dec. 25.
Hinged lid automatic box. S. Bergstein. 2,545,802, Mar. 20.
Hinged oar lock. N. Bjork. 2,559,929, July 10.
Hinged section for mounts. C. N. Cross. 2,553,174, May 15.
Hinged sheave construction. W. B. Horton. 2,577,523, Dec. 4.
Hinged tubular joint. G. Maxon, Jr. 2,578,364, Dec. 11.
Hitch. E. S. Thompson. 2,560,908, July 17.
Hitch. J. N. Tweedy. 2,548,637, Apr. 10.
Hitch and plow trip, Combination safety. E. A. Kniep. 2,547,130, Apr. 3.
Hitch assembly, Automatic release. F. Novak. 2,573,771, Nov. 6.
Hitch device. O. W. Oerman. 2,551,456, May 1.
Hitch device, Cushion. O. W. Oerman. 2,551,457, May 1.
Hitch, Flexible. O. A. Corl, Jr., and V. Nelson. 2,577,002, Dec. 4.
Hitch for earth compacting unit. R. G. Le Tourneau. 2,579,839, Dec. 25.
Hitch for ganging a plurality of implements in squadron arrangement. F. A. d'Artenay. 2,552,770, May 15.
Hitch for grain drills. H. V. Hansen. 2,553,315, May 15.
Hitch for joining harvester and a wagon to a tractor. E. K. Karlsson and R. L. Sutton. 2,544,925, Mar. 13.
Hitch for tractors, Safety. J. E. Hopkins. 2,550,812, May 1.
Hitch for wrecking trucks. L. B. Schouboe. 2,555,663, June 5.
Hitch, Implement. J. Morkoski. 2,551,451, May 1.
Hitch jack. G. M. Davey and H. Haufiaire. 2,539,897, Jan. 30.
Hitch mechanism. W. Vutz. 2,546,531, Mar. 27.
Hitch, Trailer. M. Adler, K. and I. Katkowsky. 2,569,843, Oct. 2.
Hitch, Trailer. F. V. Romig and D. C. Turner. 2,557,471, June 19.
Hitch, Trailer. E. A. Schule. 2,567,530, Sept. 11.
Hitch, Two-way. R. S. Keltner. 2,551,136, May 1.
Hitching device and guard for tractors or the like, Combined. M. S. Stoltzfus. 2,550,310, Apr. 24.
Hive cover with built-in top entrance. W. L. Stulce. 2,578,103, Dec. 11.
Hob. J. C. Drader. 2,567,167, Sept. 11.
Hob for forming double enveloping worm gears. A. Mackmann and B. S. Nelson. 2,542,546, Feb. 20.
Hobbing machine. T. F. Carlin. 2,537,967, Jan. 16.
Hobbing machine. H. C. Warner. 2,563,982, Aug. 14.
Hobbyhorse. K. E. Dunbar. 2,552,002, May 8.
Hobbyhorse. E. H. Pichler. 2,551,632, May 8.
Hobbyhorse attachment for bicycles and tricycles. R. G. I. Fernstrom. 2,578,682, Dec. 18.
Hobbyhorse having changeable gait. B. C. and C. A. Reynolds. 2,559,798, July 10.
Hobbyhorse, Spring supported. L. L. Minor, Jr. 2,554,045, May 22.
Hockey stick, Laminated. F. J. Zupanick. 2,569,395, Sept. 25.
Hod support. F. Di Dio. 2,575,617, Nov. 20.
Hoe disk, Rotary. H. G. Traver. 2,575,321, Nov. 13.
Hoe, Folding rotary. J. M. Markel. 2,547,479, Apr. 3.
Hoe, Hydraulically controlled tractor mounted. A. Baideme and E. M. Cowan. 2,539,174, Jan. 23.
Hoe, Push-pull. E. L. Erickson and A. N. Hume. 2,579,229, Dec. 18.
Hoe, Reciprocatory. J. D. Bolongaro. 2,550,522, Apr. 24.
Hoe, Rotary vineyard. E. Q. Dodson. 2,552,710, May 15.
Hoeing machine, Grape vineyard or orchard. F. L. McIntyre. 2,545,100, Mar. 13.
Hog machine having rotary cutter and feed conveyer. I. S. Becker. 2,559,701, July 10.
Hog oiler. D. W. Rhoades. 2,573,873, Nov. 6.
Hog ringer mechanism. H. W. Miller. 2,539,313, Jan. 23.
Hog trap. J. Bush. 2,554,558, May 29.
Hogshead for tobacco, Knockdown. H. G. Bell. 2,554,357, May 22.
Hoist. C. F. Osgood. 2,548,270, Apr. 10.
Hoist and load transporting device, Portable. R. A. Wallace. 2,552,698, May 15.
Hoist, Awning. B. E. Troutman. 2,572,077, Oct. 23.
Hoist control, Automatic. D. Wertman and R. K. Bole. 2,566,391, Sept. 4.
Hoist control mechanism. T. J. Putnam. 2,576,359, Nov. 27.
Hoist, Dough trough. E. E. Folkenroth and A. G. Avila. 2,576,831, Nov. 27.
Hoist drive and brake mechanism. H. C. Fitzsimmons. 2,557,958, June 26.
Hoist drum mounting. E. M. Wagner and J. Moon. 2,565,791, Aug. 28.
Hoist, Dumping body. E. M. Wagstaff. 2,543,210, Feb. 27.
Hoist, Floating. J. N. Locki. 2,572,165, Oct. 23.
Hoist for railroad trucks, Crane. L. J. Benisek and A. J. Boleski. 2,552,927, May 15.
Hoist for removing and installing springs on buses, trucks, and the like. D. L. Harmon. 2,571,572, Oct. 16.
Hoist mechanism. L. L. Eakin. 2,544,553, Mar. 6.
Hoist, Portable. U. B. Mayer. 2,559,450, July 3.
Hoist, Portable. J. C. Richardson and D. W. Soderberg. 2,573,604, Oct. 30.
Hoist, Portable. R. E. Shipman and L. H. Lantz. 2,551,174, May 1.
Hoist, Rotary. C. Hall. 2,545,953, Mar. 20.
Hoist safety valve. F. W. Sturm and R. H. Arnold. 2,550,882, May 1.
Hoist, Ship. A. Slater. 2,559,832, July 10.
Hoist, Traveling shop. A. J. Getz and G. D. Weed. 2,574,473, Nov. 13.
Hoist, Truck. H. M. Reed. 2,565,091, Aug. 21.
Hoist, Truck and wagon. R. M. Ulrich. 2,576,732, Nov. 27.
Hoist, Vehicle. L. L. Eakin. 2,575,262, Nov. 13.
Hoist, Vehicle. N. R. Slasor and J. Cuddy. 2,543,340, Feb. 27.
Hoisting and stretching apparatus. L. V. Mallory. 2,564,541, Aug. 14.
Hoisting apparatus. G. R. Arner, Sr. 2,574,236, Nov. 6.
Hoisting apparatus. F. L. Cook. 2,564,801, Aug. 21.
Hoisting apparatus. L. L. Eakin. 2,554,140, May 22.
Hoisting apparatus. V. C. Farrell. 2,562,086–7, July 24.
Hoisting apparatus. D. A. Wallace. 2,576,158, Nov. 27.
Hoisting apparatus. D. A. Wallace. 2,576,907–8, Nov. 27.
Hoisting apparatus. A. Wulleman. 2,570,417, Oct. 9.
Hoisting device. S. Winkel. 2,557,852, June 19.
Hoisting device, Load. R. O. and R. F. Pitman. 2,559,733, July 10.
Hoisting drum safety control. F. R. Spriggs. 2,545,594, Mar. 20.
Hoisting machine. G. E. Moore. 2,545,892, Mar. 20.
Hold-down and linkage assembly for convertible tops. M. Bessonneau. 2,578,990, Dec. 18.
Hold-down apparatus for poles. T. G. Rogers. 2,540,994, Feb. 6.
Hold-down attachment for skinning machines. R. T. Townsend. 2,578,952, Dec. 18.
Hold-down for shears. E. A. Munschauer, Jr. 2,556,936, June 12.
Hold-down mechanism of spring-actuated shades. B. Rolston. 2,553,279, May 15.

Holder: *See*—
Abrasive sleeve holder.
Adjustable gib chaser holder.
Animal holder.
Arc welding electrode holder.
Ash tray and glass holder.
Automatic chime and Christmas tree holder.
Automobile fishing pole holder.
Baby nursing bottle holder.
Bait holder.
Bathroom article holder.
Beauty operator's appliance holder.
Bedclothes holder.
Berry box holder.
Blade holder.
Blouse holder.
Bottle holder.
Bottle wrapper holder.
Bouquet holder.
Bracelet and utility holder.
Broom holder.
Brush holder.
Cam controlled work holder.
Can holder.
Cap attached pencil holder.
Card display holder.
Card holder.
Cash register sign holder.
Ceramic picture holder.
Chalk holder.
Chart holder.
Christmas tree branch holder.
Cigarette holder.
Cigarette package holder.
Cloth roll holder.
Cloth-spreading holder.
Coin holder.
Collapsible display holder.
Collapsible yarn holder.

Holder: *See*—Continued.
Combination blade and wiper holder.
Combination bumper and license tag holder.
Combination toothbrush, water glass and soap holder.
Combined case and key chain holder.
Commutator motor brush holder.
Compartmented key holder.
Container holder.
Cord holder.
Cosmetic pencil holder.
Craftsman's guideline holder.
Cravat holder.
Crayon holder.
Crochet thread holder.
Cylinder holder.
Cutting tool holder.
Cutting torch holder.
Dental floss holder.
Diaper holder.
Die and tap holder.
Dish holder.
Display holder.
Double-action door holder.
Double spring bottle holder.
Drawing paper holder.
Drill holder.
Dry seal gas holder.
Dry seal pressure type gas holder.
Easy eel holder.
Embalmer's jowl holder.
Embalmer's lip holder.
Feeler gauge holder.
File holder.
Film holder.
Fireproof cigarette holder.
Fish holder.
Fishhook holder.
Fish pole holder.
Fish stringer holder.
Fishing pole holder.
Fishing reel holder.
Fishing rod holder.
Fishing tackle holder.
Flashlight holder.
Flower holder.
Flower pot holder.
Fly hook holder.
Folding fish pole holder.
Foot brake pedal holder.
Foraminated vase, candle and flower holder.
Form plate holder.
Fountain pen holder.
Four-in-hand tie holder.
Fresh flower holder.
Front mounted lamp holder.
Full-floating holder.
Furnace electrode holder.
Fuse holder.
Garbage can holder.
Garden hose holder.
Gas tank holder.
Gauge wire holder.
Golf ball holder.
Handkerchief holder.
Hat holder.
Hat identification holder.
Hermetic crystal holder.
Hinged fusee holder.
Hood holder.
Hose holder.
Hunting license holder.
Illuminating and magnifying map holder.
Implement holder.
Infant's bottle holder.
Ingot holder.
Insert holder.
Instrument holder.
Ironing cord holder.
Key holder.
Lamp and reflector holder.
Leader holder.
Lid or cover holder.
Line holder.
Lipstick holder.
Live fowl holder.
Locking license plate holder.
Loose-sheet holder.
Lubricating tungsten carbide die holder.
Machine tool bit holder.
Machine tool work holder.
Mailbox positionable wire letter holder.
Map holder.
Mason's line holder.
Match book holder.
Medicine spoon holder.
Memo pad holder.
Memorandum pad holder.
Memorandum sheet holder.
Milk bottle holder.
Milk can holder.
Mobile parts order pad holder.
Mop head holder.
Nail holder.
Napkin holder.
Necktie knot holder.
Nursing bottle holder.
Oil indicator label holder.
Package holder.
Pail holder.
Pain bucket and brush holder.
Paper holder.
Paper roll holder.
Pen holder.
Pencil holder.
Pendulous bobbin holder.
Petrographic slide holder.
Phonograph record holder.
Photoengraving screen holder.
Photographic holder.
Piezoelectric crystal holder.
Pirn or cone holder.
Plate or cut film holder.
Playing card holder.
Portable book-record holder.
Pot lid holder.
Price tag and name card holder.
Price tag holder.
Printed form holder.
Protective plug gauge holder
Protective toothbrush holder.
Razor blade holder.
Receptacle holder.
Record holder.
Record sheet holder.
Reed holder.
Resilient clamp newspaper and magazine holder.
Ribbon holder.
Rivet holder.
Rod holder.
Roll paper holder.
Sachet holder.
Sadiron holder.
Safety cigarette holder.
Safety match pack holder.
Sales book holder.
Sanitary dental floss holder.
Sanitary pad holder.
Saucepan holder.
Saw blade holder.
Sectional mattress holder.
Self-supporting extendible article holder.
Shaft holder.
Sheet holder.
Shirt holder.
Shoe holder.
Skein holder.
Soap holder.
Specimen receptacle holder.
Spirit level holder.
Spool holder.
Staple holder.
Stencil holder.
Stereoscopic transparency holder.
Tag and card holder.
Telephone index holder.
Temperature compensated piezoelectric crystal holder.
Thermometer holder.
Ticket holder.
Tie holder.
Toilet paper holder.
Toothbrush holder.
Transparent display holder.
Tree holder.
Trotline holder.
Vacuum film holder.
Vehicle license plate holder.
Watch holder.
Watch movement holder.
Watch repairman's work holder.
Water bag holder.
Window sash holder.
Window shade holder.
Writing pad holder.
Work holder.

Holder and adjustable masking device for photocopying, Paper. R. H. Davies. 2,558,672, June 26.
Holder and applicator, Lipstick. J. Steven and E. J. Fitzgerald. 2,554,965, May 29.
Holder and ash tray, Combination glass and cigarette. N. Paljuk. 2,567,345, Sept. 11.
Holder and brush wiper, Paint can. A. G. Sawyer and J. W. Burgess. 2,547,096, Apr. 3.
Holder and carrier, Bottle. G. M. Acton. 2,552,361, May 8.
Holder and carrier for kitchen waste container provided with pickup tool scraping means. F. Povondra. 2,536,215, Jan. 2.
Holder and cutter, Thread. T. E. Carroll. 2,558,039, June 26.
Holder and dispenser for collapsible tubes. C. R. Keefer. 2,542,678, Feb. 20.
Holder and dispenser for rolled flexible strands. J. H. Bowers. 2,547,253, Apr. 3.
Holder and dispenser for sterile hypodermic needles. N. C. Elliott. 2,557,420, June 19.
Holder and dispenser having pressure operated means for dispensing the condiment. Condiment. W. C. Wilt. 2,571,083, Oct. 9.
Holder and dispenser, Sack. F. G. West. 2,578,115. Dec. 11.
Holder and dispenser, Suture. E. L. Ross. 2,572,522, Oct. 23.
Holder and dispenser wherein a ratcheting mechanism winds the tube on a drum, Collapsible tube. G. E. Campbell, Sr. 2,570,204, Oct. 9.
Holder and display means therefor, Key. T. M. Jablon. 2,557,970, June 26.
Holder and font for holy water, Bottle. R. F. Brennan. 2,537,875, Jan. 9.
Holder and mounting, Jet engine fuel nozzle. R. A. Neal and L. F. Cummings. 2,548,904, Apr. 17.
Holder and opener, Bobby pin. E. A. Bartsch. 2,576,822, Nov. 27.
Holder and opener, Hairpin. A. Tau. 2,550,621, Apr. 24.
Holder and opener with reciprocating blade, Egg. E. R. Hartin. 2,552,784, May 15.
Holder and pipe tamper, Book match. C. C. Holland. 2,539,249, Jan. 23.
Holder and protector for collapsible paste tubes. F. J. Hofmann. 2,556,584, June 12.
Holder and punch, Ticket. O. C. Heinemann. 2,571,875. Oct. 16.
Holder and scraper attachment for paint cans, Brush. J. L. Kosorok. 2,560,228, July 10.
Holder and stand, Dish. L. A. Wickland. 2,547,844, Apr. 3.
Holder and stretcher, Shoe. H. Chester. 2,575,408, Nov. 20.
Holder and support, Sanitary toothbrush. G. C. Perna. 2,553,723, May 22.
Holder and tooth paste tube dispenser, Combined toothbrush. A. A. Iannone and L. La Polla. 2,548,535, Apr. 10.
Holder assembly, Brush. G. D. Stapleton. 2,548,631, Apr. 10.
Holder assembly for reflector type floor lamps. R. Dack. 2,564,754, Aug. 21.
Holder for a pack of cigarettes. V. Capano. 2,547,620, Apr. 3.
Holder for a spool of thread. C. C. Stack. 2,550,944, May 1.
Holder for abrasive or cleansing materials. J. and R. Rakoff. 2,555,153, May 29.
Holder for arc lamps, Electrode. E. R. Suttle. 2,580,137, Dec. 25.
Holder for articles of magnetic material. R. E. Phelon. 2,565,624–5, Aug. 28.
Holder for articles of magnetic material. R. E. Phelon. 2,572,514, Oct. 23.
Holder for articles, Sanitary. L. A. Casnati. 2,561,842, July 24.
Holder for bits. H. M. Morrow and C. L. Bowman. 2,551,962, May 8.
Holder for books. F. C. Armstrong, F. J. Lauterbach, W. Lillvik, and J. S. Popper. 2,552,704, May 15.
Holder for books, Removable label. W. Galeone. 2,539,069, Jan. 23.
Holder for boxcovers. F. S. Christian, Jr., and G. N. Lemmon. 2,553,527, May 15.
Holder for buckets. F. Lieberman. 2,565,315, Aug. 21.
Holder for cameras and the like, Pivoting. B. W. Rasine. 2,556,598, June 12.
Holder for caskets, Wreath. L. M. Thorp and E. R. Nelson. 2,543,880, Mar. 6.
Holder for character-carrying elements for composing machines. F. F. Simmons. 2,565,934, Aug. 28.
Holder for checks, record slips and the like. W. E. Niswander. 2,574,885, Nov. 13.
Holder for cigarettes and matches. A. F. Syverud. 2,548,828, Apr. 10.

Holder for coins and similar articles. D. V. Stroop. 2,571,073, Oct. 9.
Holder for collapsible tubes. D., L. E., and W. Elterman. 2,544,751, Mar. 13.
Holder for compressible paste-dispensing or like tubes. J. E. Palmer. 2,543,667, Feb. 27.
Holder for container filling machines, Self-centering. A. Reichert. 2,574,157, Nov. 6.
Holder for cosmetics. H. Groh. 2,577,577, Dec. 4.
Holder for cosmetics and the like. C. G. Ross. 2,570,596, Oct. 9.
Holder for creels, Cone. H. B. Garden and H. J. McDermott. 2,546,301, Mar. 27.
Holder for cutting cardboard boxes, Razor blade. D. F. Bell. 2,550,757, May 1.
Holder for darning socks. E. and J. E. Santarelli. 2,553,115, May 15.
Holder for detachable mops, Adjustable. E. J. Capstack. 2,542,751, Feb. 20.
Holder for dispensing material in roll form. F. G. Steiner and R. G. Birr. 2,553,389, May 15.
Holder for dispensing packages. S. Farkas. 2,546,635, Mar. 27.
Holder for display cards, Magnetic. M. O. Teetor. 2,557,398–9, June 19.
Holder for display fixtures, Card. W. A. Kincaid. 2,548,027, Apr. 10.
Holder for double-edged razor blades. O. Ottoson. 2,549,229, Apr. 17.
Holder for drapery headings and the like, Two-part. F. J. Schwartz. 2,576,701, Nov. 27.
Holder for drills or the like. W. A. Pendleton. 2,568,089, Sept. 18.
Holder for earrings, Safety. O. H. Thronsen. 2,542,730, Feb. 20.
Holder for electron discharge devices. J. L. Clark. 2,557,632, June 19.
Holder for elongated fluorescent lamps, Lamp. R. W. Haven. 2,545,697, Mar. 20.
Holder for engraving machines, Trophy. K. Makishima. 2,565,821, Aug. 28.
Holder for fishing rods. N. L. Menegay. 2,552,639, May 15.
Holder for fishing rods or poles. A. J. Bayto. 2,553,231, May 15.
Holder for garbage containers. J. R. Swisher and J. A. Soules. 2,546,797, Mar. 27.
Holder for grinding lathe tool bits. O. R. Grube. 2,536,279, Jan. 2.
Holder for guitars, Music. L. E. Briggs. 2,540,928, Feb. 6.
Holder for hooks and trolleys. G. Ramsey. 2,566,962, Sept. 4.
Holder for ice-cream cans. W. C. Kuykendall. 2,575,592, Nov. 20.
Holder for key cases, Detachable loop-type key. T. A. Buckley. 2,550,135, Apr. 24.
Holder for leader lines. H. C. Buicke. 2,574,908, Nov. 13.
Holder for license plates, Tab. H. E. Caffrey. 2,538,083, Jan. 16.
Holder for lipsticks and the like cosmetic material. A. A. Klippert. 2,573,452, Oct. 30.
Holder for live bait. E. M. Worl. 2,538,853, Jan. 23.
Holder for manifold typewriters, Carbon pack. L. A. Petit. 2,572,278–9, Oct. 23.
Holder for meat during carvings, Adjustable. W. W. Cook. 2,565,802, Aug. 28.
Holder for milling machine dividing heads, Extended collet. J. W. Serafin. 2,572, 890, Oct. 30.
Holder for notebooks. H. D. Snell. 2,542,718, Feb. 20.
Holder for pinking shears, Work. S. I. Sherr. 2,537,164, Jan. 9.
Holder for projection apparatus, Object. R. W. Pruitt. 2,564,501, Aug. 14.
Holder for projectors, Slide. C. A. Cox. 2,576,714, Nov. 27.
Holder for punchboards. F. J. Merhar. 2,569,860, Oct. 2.
Holder for roll materials. H. E. Anderson. 2,554,849, May 29.
Holder for rolled material. A. B. Kolivoski. 2,562,923, Aug. 7.
Holder for rolls of sheet material. C. W. Cederberg. 2,561,972, July 24.
Holder for rounded bottom paper cups, Pickup. W. E. Amberg. 2,552,080, May 8.
Holder for safety razor blades. F. W. Dierdorf. 2,543,096, Feb. 27.
Holder for screen or other fabrics. R. M. Stafford and C. J. Doyle. 2,567,743, Sept. 11.
Holder for sealed liquid container, with puncturing and dispensing means for said container. G. C. Schmitkons. 2,544,361, Mar. 6.
Holder for selectively suspending a hammock. E. W. Anderegg. 2,569,596, Oct. 2.
Holder for sheets. B. K. Slonneger. 2,573,114, Oct. 30.
Holder for sheets, books, and the like. J. Forca. 2,570,439, Oct. 9.
Holder for shipping containers, Address card. F. L. Eastman. 2,575,913, Nov. 20.
Holder for single pin type fluorescent lamps, Lamp. J. M. Pistey. 2,567,726, Sept. 11.
Holder for spiral pipe machines, Backing shoe. J. R. Freeze. Re. 23,316 Jan. 2.
Holder for spun sugar candy. D. C. Evans. 2,553,757, May 22.
Holder for subcutaneous administration of medicaments. H. C. Prisk. 2,561,071, July 17.
Holder for targets. V. M. Miller. 2,538,118, Jan. 16.
Holder for telephone instruments. L. H. Van Dyke. 2,575,306, Nov. 13.
Holder for thermionic valves. G. W. Clark. 2,551,928, May 8.
Holder for toilet tissue rolls. A. Marchand. 2,576,526, Nov. 27.
Holder for tongue blades, Ejector-type. A. E. Drexel. 2,551,425, May 1.
Holder for toothbrushes and paste tubes. C. R. Buckner. 2,572,697, Oct. 23.
Holder for trimming tools. G. Prodromos. 2,556,397, June 12.
Holder for use in welding, Work. E. L. Launder. 2,546,458, Mar. 27.
Holder for vehicle loading skids. R. H. Dobbs. 2,559,712, July 10.
Holder for viewers, Microcard. B. L. Elle and J. C. Haelen. 2,559,858, July 10.
Holder for waste disposal containers. C. J. Leonard. 2,574,270, Nov. 6.
Holder for waxpaper dispensers. C. F. Hicks. 2,543,169, Feb. 27.
Holder for wrist watch, pocket watch, indicator and the like. F. J. Witbrod. 2,547,991, Apr. 10.
Holder for writing implements, Indicia. F. M. Aimes. 2,537,116, Jan. 9.
Holder for writing machines, Carbon. L. K. Fleischmann. 2,553,818, May 22.
Holder for yarn packages and the like, Dispensing. R. Harward. 2,536,931, Jan. 2.
Holder with can puncturing means and dispensing the can contents, Milk can. F. F. Winkler. 2,556,311, June 12.
Holder with perforating discharge and vent tubes, Can. E. N. Genovese. 2,547,311, Apr. 3.
Holdfast having slidable jaw sequentially positioned and advanced by plural-cam lever. A. N. Johansson. 2,538,314, Jan. 16.
Holding and weighing hook or shackle, Poultry. A. Thorman. 2,564,630, Aug. 14.
Holding device. A. W. La Flamme and E. Goldstein. 2,566,804, Sept. 4.
Holding device, Curl. N. L. Solomon. 2,558,225, June 26.
Holding device for hand tools. G. F. Wagstaff. 2,554,283, May 22.
Holding device for message-conveying papers. W. W. Hurtel. 2,554,620, May 29.
Holding device, Spring tensioned. L. Rozanski. 2,569,021, Sept. 25.
Holding device, Train order. E. T. Ford. 2,552,419, May 8.
Holding fixture. R. O. Beardsley. 2,540,774, Feb. 6.
Holding fixture for articles. N. E. Earle and T. B. Robinson. 2,544,303, Mar. 6.
Holding printing plates to rotary presses. R. R. Myers, Jr. 2,549,226, Apr. 17.
Holding rack. W. L. Wagner. 2,571,972, Oct. 16.
Holding ring. E. F. and C. W. Middleton. 2,551,384, May 1.
Holding yarn ends. P. Schoenster and R. Schmollinger. 2,560,484, July 10.
Hole and press-off detector with plurality of feelers. E. Vossen. 2,570,995, Oct. 9.
Hollow and channel building block. W. H. Miller. 2,560,731, July 17.
Hollow article. W. Walker and W. H. Moss. 2,536,243, Jan. 2.
Hollow article, Cooled. K. M. Bartlett and M. S. Roush. 2,548,092, Apr. 10.
Hollow article of concrete and the like. C. M. C. Janssens van der Maelen. 2,571,578, Oct. 16.
Hollow articles from rubber or other vulcanizable material, Manufacture of. A. Bánovský. 2,554,552, May 29.
Hollow articles, Making. E. E. Mills. 2,579,390, Dec. 18.
Hollow articles, Making. A. C. Scavullo. 2,573,736, Nov. 6.
Hollow baseboard heating and air conditioning. F. A. Sawyer. 2,567,789, Sept. 11.
Hollow blade for gas turbines and the like. H. Oestrich, H. Rosskopf, A. Renner, and J. Valter. 2,559,131, July 3.
Hollow display article. R. H. Erlewine. 2,575,512, Nov. 20.
Hollow glass block wall. R. Z. Schreffler. 2,542,581, Feb. 20.
Hollow mandrel for placement of discrete material. B. C. Gerwick, Jr. 2,576,507, Nov. 27.
Hollow spinning or twisting member. E. Hegedüs. 2,557,104, June 19.
Hollow toilet seat. A. L. Hyde. 2,540,620, Feb. 6.
Hollow ware article. H. V. H. May. 2,548,035, Apr. 10.
Holster, Firearm. W. F. Ohlemeyer. 2,546,774, Mar. 27.
Holster harness. E. Booth. 2,579,782, Dec. 25.
Holster on bicycle tanks, Gun. C. H. Parton. 2,553,328, May 15.
Holster, Pistol. S. W. Adams. 2,577,869, Dec. 11.
Holster, Water pistol. W. E. Lawson, Jr., and W. E. Lawson, Sr. 2,576,231, Nov. 27.

Home bar unit. F. G. Holmes. 2,577,850, Dec. 11.
Home moving picture cabinet. H. J. Kasler. 2,543,029, Feb. 27.
Homogeneous copolymers of aliphatic conjugated diolefin hydrocarbons with polymerizable vinyl carboxylates. L. M. Richards. 2,566,251, Aug. 28.
Homogeneous polymerization of unsaturated organic compounds. E. J. Lorand. 2,569,481, Oct. 2.
Homogenization apparatus. J. Nault. 2,555,597, June 5.
Homogenization of liquids, Method and installation for. O. E. Fröding. 2,539,125, Jan. 23.
Homogenizer mechanism, Piston type. H. W. Hein. 2,546,745, Mar. 27.
Homosulfanilamide salt of aspergillic acid and preparing same. W. A. Lott, K. A. Losee, and M. Adler. 2,545,962, Mar. 20.
Hone. J. J. Palotsee. 2,543,193, Feb. 27.
Honing and stropping device for razors, Motor driven. P. R. McCauley. 2,572,271, Oct. 23.
Honing device. K. L. Stovall. 2,537,286, Jan. 9.
Honing device. G. F. Wagstaff. 2,543,515, Feb. 27.
Honing device. G. F. Wagstaff. 2,559,052, July 3.
Honing machine. W. P. Hunt. 2,563,170, Aug. 7.
Honeycomb structure. E. E. Franz. 2,577,120, Dec. 4.
Hood and bumper construction, Vehicle. W. D. Bailey, Jr. 2,569,218, Sept. 25.
Hood bonding clip. C. A. Rees. 2,580,321, Dec. 25.
Hood catch for vehicles, Safety. A. C. Robinson. 2,550,203, Apr. 24.
Hood for collecting gases. P. Pierrat and E. Colombu. 2,578,635, Dec. 11.
Hood for double disk furrow openers, Scraping. J. Higginson. 2,540,262, Feb. 6.
Hood for kitchen stoves, Collapsible. W. W., Jr., and L. E. Loeher. 2,551,026, May 1.
Hood for reflex cameras, Sun. T. A. Devine. 2,572,915, Oct. 30.
Hood, Fume. H. P. Angermueller. 2,549,042, Apr. 17.
Hood, Fume M. D. Taylor. 2,567,622, Sept. 11.
Hood, Hair-drying. C. M. Dugan. 2,569,600, Oct. 2.
Hood hinge. W. A. Thomas. 2,570,992, Oct. 9.
Hood hinge and guide mechanism. L. B. Rivard and E. P. Rauh. 2,548,492, Apr. 10.
Hood holder. A. R. Beeche. and H. T. Mogensen. 2,536,253, Jan. 2.
Hood, Intake ventilating. C. W. and W. A. Olson. 2,553,866, May 22.
Hood latch. A. Claud-Mantle. 2,567,662, Sept. 11.
Hood lock. T. J. Cicero. 2,561,496, July 24.
Hood or cape, Make-up. G. N. Morganti. 2,567,524, Sept. 11.
Hood, Welder's. H. H. Green. 2,569,715, Oct. 2.
Hooded food container. F. T. Hilliker. 2,550,998, May 1.
Hook: *See*—

Artificial arm hook.	Framing cant hook.
Automatically opening and closing lifting hook.	Linesman's safety hook.
Bale handling hook.	Live bait hook.
Beam hook.	Log arch hook.
Boat hook.	Pivoted snap hook.
Bobber hook.	Quick-change hook.
Cargo hook.	Releaseable hook.
Clothes rack hook.	Safety hook.
Die lifting hook.	Snap hook.
Drag hook.	Spring actuated pivoted snap hook.
Drapery hook.	Tire chain hook.
End hook.	Trap hook.
Folding gaff hook.	

Hook. B. S. Minor. 2,576,261, Nov. 27.
Hook. J. J. Rick. 2,543,508, Feb. 27.
Hook for drapes, Pleater. R. E. Andreou. 2,552,922, May 15.
Hook for fishing lures, Resilient gang. E. R. Gibson. 2,554,735, May 29.
Hook for garment hangers. G. Baron. 2,556,461, June 12.
Hook for measuring tape. H. McCully. 2,574,272, Nov. 6.
Hook for trailers, Safety chain. N. Hudson. 2,579,319, Dec. 18.
Hook for trotlines. P. P. Houser. 2,564,260, Aug. 14.
Hook retriever. W. Carr. 2,562,413, July 31.
Hoop, Rectangular cheese. N. J. Peters. 2,538,379, Jan. 16.
Hoop rolling device, Safety. C. P. Boyd. 2,562,522, July 31.
Hop-picking machine. P. E. Griswold. 2,536,927, Jan. 2.
Hop-picking machine. A. Oslund. 2,570,844, Oct. 9.
Hopper. G. R. Reed. 2,542,357, Feb. 20.
Hopper and agitator, Distributing. D. Cory. 2,553,403, May 15.
Hopper car door frame. G. B. Dorey. 2,559,760, July 10.
Hopper containing a second hopper, with means to vary the flow of seed from a discharge common to both hoppers, Strap-suspended. V. R. Phillips. 2,549,233, Apr. 17.
Hopper feed. A. C. Frankwich. 2,579,486, Dec. 25.
Hopper feed means for fastener driving machines. B. C. Cook and J. Jokubonis. 2,540,934, Feb. 6.
Hopper for distributing machines, Dispensing. T. B. Simpson. 2,550,303, Apr. 24.
Hopper for planter with bottom discharge opening having rotary dispenser in said opening and conveying rollers and ejectors near said dispenser. S. N. Strong. 2,562,070, July 24.
Hopper for portable storage bins, Delivery. R. L. Franing. 2,555,537, June 5.
Hopper or similar car construction. W. F. Dietrichson. 2,567,766, Sept. 11.
Hopper shaker plate and comb assembly. W. B. Rogers and E. D. Coffin. 2,560,480, July 10.
Hopper, with valve closure having vibrator therein, for sand and other divided material. D. H. Wood and H. J. Roe. 2,569,085, Sept. 25.
Horizontal deflection circuit. P. Neuwirth. 2,565,392, Aug. 21.
Horizontal transport of solids. F. E. England. 2,576,504, Nov. 27.
Horizontally divided door. G. M. Schantz. 2,538,429, Jan. 16.
Horn. W. A. Garratt. 2,565,363, Aug. 21.
Horn, Carbon dioxide snow forming. M. K. Newman. 2,569,490, Oct. 2.
Horn control system. J. J. Prendergast. 2,570,154, Oct. 2.
Horn, Electric sound. J. M. Aufiero. 2,560,323, July 10.
Horn, Electromagnetic. W. L. Barrow. 2,542,980, Feb. 27.
Horn, Flexible handle large capacity. H. J. Burke. 2,572,006, Oct. 23.
Horn, Loud-speaker. P. W. Klipsch. 2,537,141, Jan. 9.
Horse-radish composition and producing the same. E. I. Huntsinger. 2,561,797, July 24.
Horticultural composition comprising a polymeric organic polysulfide and a petroleum oil fraction. W. D. Stewart. 2,568,033, Sept. 18.
Horticultural composition comprising DDT and polyethylene polysulfide. W. D. Stewart. 2,568,035, Sept. 18.
Horticultural composition comprising polyethylene polysulfide and sulfur or lime-sulfur. W. D. Stewart. 2,568,034, Sept. 18.
Hose and shoe guard, Combined. A. A. Meengs and L. E. Hahn. 2,578,895, Dec. 18.
Hose and slipper-sole assembly, Combination. C. H. Dahlhouser. 2,550,334, Apr. 24.
Hose attachment and cabinet therefor, Automatic. F. J. Lee. 2,557,385, June 19.
Hose clamp. J. A. Murray. 2,536,612, Jan. 2.
Hose clamp. C. W. Prochaska. 2,561,635, July 24.
Hose clamp. K. D. Stewart. 2,574,441, Nov. 6.
Hose clamp. S. T. Williams. 2,554,478, May 22.
Hose clamp tool. S. T. Williams. 2,554,477, May 22.
Hose connector. L. M. Harvey. 2,551,536, May 1.
Hose coupling. J. D. Baldwin, Jr., and C. H. Crawley. 2,570,421, Oct. 9.
Hose coupling. C. P. Krupp. 2,567,773, Sept. 11.
Hose coupling. L. R. Nelson. 2,562,116, July 24.
Hose coupling. J. N. Paquin. 2,570,477, Oct. 9.
Hose coupling. J. Soos. 2,561,827, July 24.
Hose, Flexible. P. F. Hurst. 2,564,602, Aug. 14.
Hose for connection to faucets, Flexible. C. C. Clamp. 2,550,186, Apr. 24.
Hose for dispensing pump and means for supporting a loop therein. E. E. Eickmeyer. 2,544,073, Mar. 6.
Hose for dispensing pumps. H. H. Wolfe. 2,544,119–20, Mar. 6.
Hose for dispensing pumps, Self-coiling flexible. E. E. Eickmeyer and H. E. Butler. 2,560,853, July 17.
Hose for irrigating purposes. J. J. Healy. 2,566,833, Sept. 4.
Hose for suction cleaners, Flexible. J. E. Vance. 2,500,099, Apr. 24.
Hose holder. N. J. Asher. 2,536,341, Jan. 2.
Hose jumper. O. B. Boose. 2,539,343, Jan. 23.
Hose reel. W. F. Coats. 2,571,012, Oct. 9.
Hose reel. T. H. Fengler. 2,540,434, Feb. 6.
Hose reel. E. M. Foster. 2,563,714, Aug. 7.
Hose reel. H. E. Kirschner. 2,547,826, Apr. 3.
Hose reel. D. Newell. 2,573,868, Nov. 6.
Hose reel. G. H. Palm. 2,568,929, Sept. 25.
Hose reel and sprinkler, Garden. J. E. Vance. 2,578,159, Dec. 11.
Hose reel operating mechanism for gasoline pumps. W. P. Schirmer. 2,577,859, Dec. 11.
Hose reeling apparatus. E. E. Martin. 2,550,120, Apr. 24.
Hose retrieving mechanism. W. M. Harks. 2,564,623, Aug. 14.
Hose support. H. W. Shanahan. 2,571,388, Oct. 16.
Hose support for suction cleaners. H. W. Hoover. 2,570,346, Oct. 9.
Hose uncoupling system. W. Sluyter. 2,574,668, Nov. 13.
Hosiery. A. E. Ischinger. 2,569,434, Sept. 25.
Hosiery package. D. Hahn. 2,561,112, July 17.
Hosiery packaging. W. K. Bigelow. 2,573,827, Nov. 6.
Hosiery size gauge. L. Guild and R. K. Boadwee. 2,558,846, July 3.
Hospital bed patient bathtub chair. F. O. Thompson. 2,560,997, July 17.
Hot-air space heater. C. Demuth. 2,547,448, Apr. 3.
Hot and cold water control valve. D. B. Redward. 2,573,062, Oct. 30.
Hot aqueous extraction of enzymes from insulin-free pancreas. S. E. Frederiksen. 2,571,126, Oct. 16.
Hotbed attachment. J. R. Bjorlo. 2,557,170, June 19.
Hotbox indicator. M. L. Rogers. 2,556,042, June 5.
Hot chocolate dispenser. A. F. Lunardi. 2,546,514, Mar. 27.
Hot clamp connector. J. B. Clapp. 2,574,776, Nov. 13.

Hot coffee dispenser. R. E. Parker. 2,569,257, Sept. 25.
Hot drink machine. W. S. Selzer. 2,558,062, June 26.
Hot drink maker and vending machine. J. H. Knapp 2,558,522, June 26.
Hot gas agitator for heaters. R. A. Krauss. 2,579,325 Dec. 18.
Hot gas apparatus including a regenerator. F. K. du Pré. 2,564,100, Aug. 14.
Hot journal brake valve. H. E. Huntley. 2,551,602, May 8.
Hot line clamp. L. A. Thomas. 2,555,099, May 29.
Hot line connector. A. J. Moore. 2,574,796, Nov. 13.
Hot-line tie-in tool. B. F. Smalley. 2,556,663, June 12.
Hot metal handling apparatus. W. S. Thompson. 2,548,178, Apr. 10.
Hot-moldable compositions and molded products. E. L Kropa and J. P. Dunne. 2,541,927, Feb. 13.
Hot pin heading machine. F. J. Wright. 2,575,504, Nov. 20.
Hot plate, Electric. O. G. Vogel and F. E. Kirk. 2,565,443, Aug. 21.
Hot seal cooling mechanism. J. J. McGinley and W. C. Di Paola. 2,563,858, Aug. 14.
Hot tube drying. W. C. Ham, O. A. Hitt, and M. Kiachif. 2,560,341, July 10.
Hot-water accumulating plant. K. K. Kielland. 2,550,822, May 1.
Hot-water and steam generator. F. W. De Luchi. 2,558,545, June 26.
Hot water circulator. M. Parnes and A. Gruber. 2,574,587, Nov. 13.
Hot-water heater. W. N. O'Malia. 2,555,699, June 5.
Hot-water heater. J. B. Sandler. 2,571,949, Oct. 16.
Hot-water system. L. F. and W. E. Whitney, and D. F. Comstock. 2,544,408, Mar. 6.
Hot-water tank. J. T. Hines and J. R. Baldwin. 2,576,603, Nov. 27.
Hot well, Deaerating. R. W. Parkinson. 2,558,222, June 26.
Hot workable alloy. C. B. Post and D. G. Schoffstall. 2,553,330, May 15.
House base, Rotary. C. A., R. D., and W. A. Kirkman. 2,563,531, Aug. 7.
House construction. G. L. Scheffer. 2,555,157, May 29.
House-heating apparatus, Electric. J. J. and R. J. Rouis. 2,553,212, May 15.
House of solidified foam. C. D. Willson. 2,548,576, Apr. 10.
House structure adapted for interior temperature controls. F. W. Gay. 2,559,868, July 10.
House structure and heating system therefor. F. W. Gay. 2,559,869, July 10.
House structure and heating system therefor. F. W. Gay. 2,559,871, July 10.
House structure, Prefabricated. H. C. Mortenson. 2,554,418, May 22.
House, Trailer. W. A. Metherell. 2,569,641, Oct. 2.
House trailer, Sportsman's fitted. R. F. Kuns. 2,536,189, Jan. 2.
Household appliance. B. A. Häggmark. 2,568,066, Sept. 18.
Household appliance. R. C. Kersh. 2,574,643, Nov. 13.
Household appliance. P. M. Petersen. 2,538,654, Jan. 16.
Housing and boat carrying trailer, Combination. D. C. Britton. 2,543,349, Feb. 27.
Housing and light diffuser for fluorescent fixtures. E. T. Koppang and H. W. Kintzinger. 2,546,190, Mar. 27.
Housing and mounting for elements of Schmidt television projectors. I. G. Maloff. 2,545,525, Mar. 20.
Housing and oil drain system, Rotary fluid coupling. H. E. Churchill. 2,565,203, Aug. 21.
Housing and stand for bottled gas. O. Fauser, Jr. 2,567,370, Sept. 11.
Housing and training coop for chickens. B. J. Gass. 2,544,496, Mar. 6.
Housing for burners. B. G. Machniak. 2,561,389, July 24.
Housing for coffee mills. G. R. Wood. 2,554,888, May 29.
Housing for concealing plumbing fixtures in a wash fountain, Detachable. H. G. Mullett and E. D. Wachter, Jr. 2,542,046, Feb. 20.
Housing for electric fans and the like. L. W. Seil. 2,544,281, Mar. 6.
Housing for electric meat block scraping brush having split handle motor circuit closing means. M. W. Watkins. 2,552,471, May 8.
Housing for fan and motor. T. H. Troller. 2,538,739 Jan. 16.
Housing for impact breaking or crushing machines. G. H. Pattinson. 2,568,203, Sept. 18.
Housing for outboard motors, Drive shaft. E. C. Kiekhaefer. 2,549,479, Apr. 17.
Housing for vehicle hoists. P. I. Schultz and J. J. Pelouch. 2,577,378, Dec. 4.
Housing having a spring supported closure remover. W. S. Mendenhall. 2,565,775, Aug. 28.
Housing means for rock drilling machines. G. A. Bergman. 2,575,859, Nov. 20.
Hub. E. Streifthau. 2,568,834, Sept. 25.
Hub and axle connection, Slot type. V. F. McNair and C. W. Wilson. 2,563,409, Aug. 7.
Hub and shock absorber for vehicle wheels, Combined suspension. C. M. Motte. 2,537,479, Jan. 9.
Hub bolt rethreading and peening tool. J. K. McFadden. 2,557,609, June 19.
Hub brake. E. E. Hood. 2,552,484, May 8.
Hub cap. J. M. Carlin. 2,550,222, Apr. 24.
Hubcap. H. J. Horn. 2,576,683, Nov. 27.
Hub for wheels, Nonvibrating. H. J. Young. 2,559,491, July 3.
Hull, Fishtailed. H. G. Aylsworth. 2,555,307, June 5.
Hull stern. P. Carlotti. 2,564,560, Aug. 14.
Humidification preventer for anhydrous air coolers. N. A. Pennington. 2,566,366, Sept. 4.
Humidifier. N. J. Dovolis. 2,565,210, Aug. 21.
Humidifier. J. S. Lombard. 2,561,805, July 24.
Humidifier. B. M. Mills. 2,554,867, May 29.
Humidifier. R. B. Mills. 2,554,868, May 29.
Humidifier. G. W. Skilbeck. 2,551,708, May 8.
Humidifier, Air. W. E. Muth and R. G. Naylor. 2,573,158, Oct. 30.
Humidifier and control therefor. C. E. Cox. 2,537,211, Jan. 9.
Humidifier, Cigarette. G. Otallah. 2,577,356, Dec. 4.
Humidifier for hot-air furnaces and mounting means therefor, Porous sheet evaporator type. W. J. Woolley. 2,557,042, June 12.
Humidifier for internal-combustion engines. W. D. Murray. 2,570,369, Oct. 9.
Humidifier, Room. A. L. Feldman and I. Schneid. 2,556,910, June 12.
Humidifier, Room. M. J. Kuss. 2,570,033, Oct. 2.
Humidifier system for air-heating furnaces. D. C. Bert. 2,577,302, Dec. 4.
Humidifying and mineral salting device. J. D. Francis. 2,542,500, Feb. 20.
Humidifying apparatus. E. W. Bottum. 2,536,257, Jan. 2.
Humidifying apparatus. H. R. Oltz. 2,558,691, June 26.
Humidifying apparatus. S. W. Wallin. 2,574,852, Nov. 13.
Humidity and temperature responsive control apparatus. F. Fantini. 2,538,192, Jan. 16.
Humidity control. A. C. Buensod. 2,562,375, July 31.
Humidity control. C. F. Kettering. 2,563,341, Aug. 7.
Humidity control apparatus for refrigerators. J. S. Booth. 2,568,268, Sept. 18.
Humidity control in pot type vaporizing burners. H. R. Linden. 2,536,379, Jan. 2.
Humidity control system. A. Trask. 2,549,547, Apr. 17.
Humidity control unit. A. D. Robbins. 2,569,537, Oct. 2.
Humidity regulating system. W. E. Dueringer. 2,541,219, Feb. 13.
Humidor and dispenser, Cigarette. W. J. O'Brien, Jr. 2,553,671, May 22.
Humidor, Cigarette dispensing. J. Laichee. 2,554,746, May 29.
Humidor, Produce. H. J. Amundsen, Jr. 2,565,795, Aug. 28.
Humidor with optionally removable inner shell, Cigarette. R. B. Hobein. 2,540,732, Feb. 6.
Humidostat. W. C. Blinn and W. R. Bailey. 2,573,685, Nov. 6.
Hunter's blind. J. Van Vessem. 2,577,983, Dec. 11.
Hunting license holder. G. J. Smith. 2,544,618, Mar. 6.
Hunting quiver for hunting arrows. J. C. Ramsey. 2,576,360, Nov. 27.
Hurricane lamp adapter for candlesticks. W. P. Oppelt. 2,567,780, Sept. 11.
Husking machine, Self-feeding corn. H. L. Rosenthal. 2,538,914, Jan. 23.
Husking roller. R. H. Cook. 2,579,906, Dec. 25.
Hydantoin manufacture. A. O. Rogers. 2,564,647–8, Aug. 14.
Hydrant. J. H. Schmid, J. P. Tansey, and F. J. Seigel. 2,565,993, Aug. 28.
Hydrant assembly, Antifreezing sanitary. T. E. Bart. 2,545,911, Mar. 20.
Hydrant, Manually operated. W. W. Bolser. 2,555,727, June 5.
Hydrant, Nonfreezing. J. H. Schmid. 2,580,197, Dec. 25.
Hydrant, Nonfreezing. J. H. Schmid. 2,580,199, Dec. 25.
Hydraulic actuating system with automatic follow-up. R. V. Corns. 2,550,137, Apr. 24.
Hydraulic angling mechanism for disk harrow gangs. W. P. Oehler. 2,579,086, Dec. 18.
Hydraulic apparatus. C. E. Adams. 2,546,580–1, Mar. 27.
Hydraulic apparatus. C. E. Adams and E. H. Born. 2,569,214, Sept. 25.
Hydraulic apparatus. E. H. Born. 2,546,583, Mar. 27.
Hydraulic apparatus. D. J. Deschamps. 2,539,571, Jan. 30.
Hydraulic automobile jack. R. H. Clarke. 2,575,160, Nov. 13.
Hydraulic bark remover having certain nozzles controlled by log-interrupted light beam. G. F. McClay. 2,568,554, Sept. 18.
Hydraulic barker with multiple nozzle oscillating linkage. E. C. Shaw and M. L. Jensen. 2,576,861, Nov. 27.
Hydraulic brake. R. S. Huyck. 2,566,614, Sept. 4.
Hydraulic brake. C. C. Stevens and W. F. Sanders. 2,548,919, Apr. 17.
Hydraulic brake automatic adjuster. J. G. Martin. 2,544,849, Mar. 13.

Hydraulic brake control device. W. Stelzer. 2,571,963, Oct. 16.
Hydraulic brake lining protector. R. A. Patterson. 2,560,977, July 17.
Hydraulic brake safety device. E. E. Mapes and R. E. Cox. Re. 23,377, June 12.
Hydraulic bumper jack. H. E. Page. 2,577,539, Dec. 4.
Hydraulic cements and making. F. A. Schenker and A. Ammann. 2,542,364, Feb. 20.
Hydraulic change-speed gear. L. Genéty. 2,579,920, Dec. 25.
Hydraulic clutch. E. W. Smith. 2,541,112, Feb. 13.
Hydraulic control mechanism for machine tools. P. J. Esterline. 2,565,600, Aug. 28.
Hydraulic control of veneer slicing machines. L. F. Koss. 2,576,520, Nov. 27.
Hydraulic control system. T. F. Stacy. 2,552,067, May 8.
Hydraulic control system responsive to pressure and flow rate. M. W. Huber. 2,562,615, July 31.
Hydraulic control valve. M. E. Cushman. 2,556,719, June 12.
Hydraulic control valve. C. P. Gabriel and R. T. Marette. 2,552,848, May 15.
Hydraulic counterweight. R. L. Archbold. 2,578,278, Dec. 11.
Hydraulic coupling. C. W. Chillson. 2,548,195, Apr. 10.
Hydraulic cutting tool. W. E. Northcutt. 2,578,582, Dec. 11.
Hydraulic cylinder assembly and manufacturing. S. B. McLeod. 2,574,273, Nov. 6.
Hydraulic device for damping oscillations for spring suspensions of vehicles and the like. M. Katz. 2,559,632–3, July 10.
Hydraulic die-casting machine. L. H. Morin. 2,567,649, Sept. 11.
Hydraulic drive. C. H. Scott. 2,563,622, Aug. 7.
Hydraulic drive for inertia loads. R. Tyler. 2,553,286, May 15.
Hydraulic drive for winding machines. R. Tyler and E. H. Parduhn. 2,573,938, Nov. 6.
Hydraulic drive mechanism. J. E. Salmivuori. 2,557,799, June 19.
Hydraulic dust trap. L. Lee. 2,545,853, Mar. 20.
Hydraulic electromechanical transducer. A. L. W. Williams. 2,565,158, Aug. 21.
Hydraulic expressor. N. J. Jr., and J. L. Cavagnaro. 2,576,776, Nov. 27.
Hydraulic feed mechanism. R. E. Price. 2,571,610, Oct. 16.
Hydraulic feeding mechanism. H. Ernst and A. H. Dall. 2,573,098, Oct. 30.
Hydraulic fluid composition. D. H. Moreton. 2,566,623, Sept. 4.
Hydraulic fluid compositions. J. W. Bishop. 2,550,760, May 1.
Hydraulic fluid mechanism. J. W. Overbeke. 2,552,449, May 8.
Hydraulic fluid mechanism. J. W. Overbeke. 2,575,528, Nov. 20.
Hydraulic fluids. K. E. Walker. 2,542,785, Feb. 20.
Hydraulic fluids and lubricants, Noninflammable. W. A. Zisman, D. R. Spessard, and J. G. O'Rear. 2,558,030, June 26.
Hydraulic forming machine. A. E. Caldwell. 2,545,570, Mar. 20.
Hydraulic governor. H. Alfaro. 2,567,753, Sept. 11.
Hydraulic governor. K. A. W. Kemp. 2,566,728, Sept. 4.
Hydraulic governor. W. E. W. Nicolls. 2,567,495, Sept. 11.
Hydraulic grinding control. J. Marco. 2,566,949, Sept. 4.
Hydraulic hold-down. F. E. Munschauer. 2,547,656, Apr. 3.
Hydraulic hopper discharge apparatus. P. B. Silk. 2,579,402, Dec. 18.
Hydraulic impact tool. A. L. Stone. 2,559,478, July 3.
Hydraulic internal locking jack. S. R. Hall and E. Jelter. 2,540,578, Feb. 6.
Hydraulic jack. J. J. Mueller. 2,548,902–3, Apr. 17.
Hydraulic jack. H. Nilson. 2,556,481, June 12.
Hydraulic jack. R. W. Ronan. 2,555,421, June 5.
Hydraulic jack. J. P. Schwartz, J. P., S. H., and T. J. McDonald. 2,567,681, Sept. 11.
Hydraulic jack. F. B. Simmons. 2,554,127, May 22.
Hydraulic jack. I. M. White. 2,575,308, Nov. 13.
Hydraulic lift and dumping device. E. C. Small. 2,578,849, Dec. 18.
Hydraulic lift for mower sickle bars. T. E. Ross. 2,566,144, Aug. 28.
Hydraulic log barker with self-lubricating sealing means. F. H. Swift and G. R. Dodson. 2,542,371, Feb. 20.
Hydraulic log barking apparatus. W. H. Rambo and H. A. De Rice. 2,579,613, Dec. 25.
Hydraulic log barking machine having support for log-rotating rollers tiltable to laterally discharge the log. E. C. Shaw. 2,575,302, Nov. 13.
Hydraulic-mechanical servo brake. C. E. Frank. 2,557,820, June 19.
Hydraulic motor actuated mechanism for spinner type washing machines and the like. C. A. Rubano. 2,574,418, Nov. 6.
Hydraulic motor control. T. F. Stacy. 2,577,981, Dec. 11.
Hydraulic motor control apparatus. C. E. Adams. 2,569,213, Sept. 25.
Hydraulic operated traverse mechanism. K. E. Smith. 2,575,031, Nov. 13.
Hydraulic operating system for mowing machines. F. von Schlegell. 2,569,507, Oct. 2.
Hydraulic packer setting assembly. A. J. Penick. 2,540,455, Feb. 6.
Hydraulic piston. E. Christensen. 2,571,538, Oct. 16.
Hydraulic planetary slip drive. B. E. Del Mar. 2,540,659, Feb. 6.
Hydraulic pneumatic system for actuating pressure. R. K. Sedgwick. 2,573,993, Nov. 6.
Hydraulic power device. R. D. Acton. 2,575,507, Nov. 20.
Hydraulic power press. B. Japikse. 2,543,498, Feb. 27.
Hydraulic power-transmission system. H. I. F. Evernden. 2,557,421, June 19.
Hydraulic power transmission system. J. Robinson. 2,562,367, July 31.
Hydraulic power transmitting device. A. E. W. Johnson. 2,558,960, July 3.
Hydraulic power unit. A. F. Habenicht. 2,560,285, July 10.
Hydraulic power unit for actuating aircraft control devices. R. J. Baldwin. 2,579,028, Dec. 18.
Hydraulic power unit for domestic ironing machines. J. C. Worst. 2,580,262, Dec. 25.
Hydraulic press. C. E. Adams, H. V. Mills, and V. V. Blasutta. 2,561,766, July 24.
Hydraulic press. W. C. Denison, Jr. 2,557,265, June 19.
Hydraulic press. W. P. Muir. 2,541,534, Feb. 13.
Hydraulic press. F. J. Trözmüller. 2,553,487, May 15.
Hydraulic press. V. Vltavský. 2,568,042, Sept. 18.
Hydraulic press control. E. F. Keusch and L. O. Reichelt. 2,567,715, Sept. 11.
Hydraulic press having differential area prefill valve responsive to pullback line restriction. R. K. Sedgwick. 2,568,687, Sept. 18.
Hydraulic pressure transformer. E. G. Hjärpe. 2,579,670, Dec. 25.
Hydraulic process for packing foodstuffs. H. A. Mulvany. 2,536,387, Jan. 2.
Hydraulic pump. R. F. Horton. 2,547,645, Apr. 3.
Hydraulic pump. R. B. Knowles. 2,544,094, Mar. 6.
Hydraulic pump. L. T. McGee. 2,543,796, Mar. 6.
Hydraulic pump. T. Simpson, T. Edwards, and L. S. Greenland. 2,553,063, May 15.
Hydraulic pump. T. Simpson, L. S. Greenland, and T. Edwards. 2,548,501, Apr. 10.
Hydraulic pump. J. A. White, Jr. 2,565,582, Aug. 28.
Hydraulic pumping jack. L. D. Alward. 2,566,295, Sept. 4.
Hydraulic pumping jack. I. M. White. 2,562,837, July 31.
Hydraulic pumping jack. I. M. White. 2,575,241, Nov. 13.
Hydraulic reciprocating pump. J. D. E. Venning. 2,550,392, Apr. 24.
Hydraulic recording mechanism. R. R. La Torre. 2,567,217, Sept 11.
Hydraulic safety valve. R. Grosse. 2,566,609, Sept. 4.
Hydraulic screw jack. F. C. Foss. 2,568,437, Sept. 18.
Hydraulic selector valve. N. R. Ashbaugh. 2,578,334, Dec. 11.
Hydraulic servo-steering system. M. A. Onde. 2,565,929, Aug. 28.
Hydraulic side wall coring tool. J. H. Kirby, II. 2,546,669, Mar. 27.
Hydraulic steady rest. R. E. Schulz and A. W. Chriscaden. 2,577,277, Dec. 4.
Hydraulic steering for six-wheel bogies. R. M. Webster, Jr. and J. Thomas. 2,560,501, July 10.
Hydraulic steering mechanism for airplanes. R. L. Levy. 2,579,840, Dec. 25.
Hydraulic stop device for web feeding machines. M. W. Alger. 2,578,960, Dec. 18.
Hydraulic structure and the like. F. Jermář. 2,551,678, May 8.
Hydraulic surge-inhibitor valve. R. A. Green. 2,555,334, June 5.
Hydraulic synchronizing system. H. J. Nichols. 2,557,679, June 19.
Hydraulic system. H. Hermanny. 2,539,134, Jan. 23.
Hydraulic system for controlling delivery to motors of differing capacities. E. H. Bowers. 2,562,764, July 31.
Hydraulic system for drilling rigs. J. E. Yarborough. 2,578,959, Dec. 18.
Hydraulic system for measuring differences in elevation. P. S. Williams. 2,557,021, June 12.
Hydraulic system for operating hydraulic cylinders and pistons. H. W. Rockwell. 2,543,989, Mar. 6.
Hydraulic system for vehicle steering. W. H. Brown. 2,557,936, June 26.
Hydraulic system. Pump and motor. L. F. Jaseph. 2,553,045, May 15.
Hydraulic tapping device. C. E. Adams. 2,580,061, Dec. 25.
Hydraulic tensioning nut. A. G. E. Leufvén. 2,571,265, Oct. 16.
Hydraulic torque converter having radial and axial stages. O. A. Banner. 2,578,876, Dec. 18.
Hydraulic torque wrench. W. J. Bortle and C. E. Ranshaw. 2,560,716, July 17.

Hydraulic tracer control unit. A. P. Waterson. 2,576,817, Nov. 27.
Hydraulic transmission. L. Genety. 2,571,561, Oct. 16.
Hydraulic transmission. E. Orshansky, Jr. 2,570,843, Oct. 9.
Hydraulic transmission. W. L. Pollard. 2,578,450, Dec. 11.
Hydraulic transmission. G. H. Snyder. 2,556,666, June 12.
Hydraulic transmission, Pump and motor. D. F. Froebe. 2,569,562, Oct. 2.
Hydraulic-type log debarker having centripetally directed jets mounted in circumferential groups radially adjustable for different size logs. J. E. Holveck and A. G. Rockwood. 2,578,804, Dec. 18.
Hydraulic unit. C. S. Lee. 2,559,125, July 3.
Hydraulic unit comprising reservoir, pump, and valve. D. J. Schneider. 2,546,565, Mar. 27.
Hydraulic valve. J. W. Bishop. 2,560,841, July 17.
Hydraulic valve. O. M. Good. 2,574,556, Nov. 13.
Hydraulic valve. H. P. Kupiec. 2,567,073, Sept. 4.
Hydraulic valve. P. W. Seewer. 2,549,337, Apr. 17.
Hydraulic valve. L. S. Wood. 2,538,928, Jan. 23.
Hydraulic valve with pilot valve, High-pressure. R. F. Moore. 2,555,755, June 5.
Hydraulic variable slip coupling. G. W. Ball. 2,572,834, Oct. 30.
Hydraulic weighing cell. M. C. Tate. 2,561,321, July 17.
Hydraulic weight indicating device for hoists, derricks, and the like. S. W. Southerland. 2,551,178, May 1.
Hydraulic wheel jack. C. W. Bryan. 2,541,494, Feb. 13.
Hydraulic work hold-down or clamp. M. W. Hazelton. 2,567,641, Sept. 11.
Hydraulically cushioned and adjustable steering wheel. J. K. Tamboli. 2,549,345, Apr. 17.
Hydraulically driven twisting apparatus. R. D. Heffelfinger. 2,576,936, Dec. 4.
Hydraulically expanding hollow rivet. H. A. Lebert. 2,562,724, July 31.
Hydraulically expanding hollow rivets. J. J. Jakosky. 2,562,721, July 31.
Hydraulically operable side-wall coring tool. J. H. Kirby, II. 2,546,670, Mar. 27.
Hydraulically operated machine tool. L. G. L. Thomas. 2,550,391, Apr. 24.
Hydraulically operated mechanical knee lock. O. S. Johnson and F. T. Roberts. 2,537,351, Jan. 9.
Hydraulically operated transfer molding press. R. K. Sedgwick. 2,575,190, Nov. 13.
Hydraulically operated well pump. C. M. Howard. 2,537,410, Jan. 9.
Hydrazine and/or hydrazine hydrate, Production of. M. Schwarcz. 2,537,791, Jan. 9.
Hydrazodisulfonate-positive halogen oxidizing agent systems for polymerization initiation. M. Hunt. 2,572,028, Oct. 23.
Hydroabietyl esters, Lubricant containing. L. C. Beard, Jr., and R. V. White. 2,564,634, Aug. 14.
Hydrocarbon additive oils. C. Hoffman, T. R. Schweitzer, M. H. Anwar, and G. Dalby. 2,540,114, Feb. 6.
Hydrocarbon compositions. L. Schmerling. 2,558,882, July 3.
Hydrocarbon conversion. R. W. Harkness. 2,565,498, Aug. 28.
Hydrocarbon conversion. G. E. Liedholm. 2,557,748, June 19.
Hydrocarbon conversion. G. A. Mills. 2,552,573, May 15.
Hydrocarbon conversion and catalyst regeneration apparatus. F. C. Fahnestock. 2,548,295, Apr. 10.
Hydrocarbon conversion apparatus. W. S. Gulette. 2,550,922, May 1.
Hydrocarbon conversion apparatus and process. H. A. Shabaker. 2,543,070, Feb. 27.
Hydrocarbon conversion in a pebble heat exchanger. H. J. Hepp. 2,544,407, May 22.
Hydrocarbon conversion, Method and apparatus for. E. V. Bergstrom. 2,546,625, Mar. 27.
Hydrocarbon conversion, Method and apparatus for. E. V. Bergstrom. 2,548,285, Apr. 10.
Hydrocarbon conversion, Method and apparatus for. E. V. Bergstrom. 2,556,514, June 12.
Hydrocarbon conversion, Method and apparatus for. T. P. Simpson. 2,574,503, Nov. 13.
Hydrocarbon conversion, Method and apparatus for. E. Utterback and F. C. Fahnestock. 2,574,850, Nov. 13.
Hydrocarbon conversion process with the use of a grainy silica-alumina type catalyst. G. R. Bond, Jr. 2,548,860, Apr. 17.
Hydrocarbon conversion processes with acid-treated clay catalysts. G. A. Mills. 2,547,036, Apr. 3.
Hydrocarbon conversion to lower boiling hydrocarbons and coke. V. O. Bowles and A. H. Schutte. 2,561,334, July 24.
Hydrocarbon conversion utilizing Friedel-Crafts catalysts. J. W. Latchum, Jr. 2,571,262, Oct. 16.
Hydrocarbon conversion with vanadia-and/or molybdena-containing catalysts. J. W. Myers. 2,570,067, Oct. 2.
Hydrocarbon oils, Emulsifiable. J. E. Schott and E. Laug. 2,540,795, Feb. 6.
Hydrocarbon plasticizers for oil-resistant polymers. A. M. Gessler. 2,560,339, July 10.
Hydrocarbon product and method, Fog inhibited. W. F. Eberz. 2,550,982, May 1.
Hydrocarbon rubber plasticized with a polyvinyl compound. A. M. Gessler and A. F. Sayko. 2,567,016, Sept. 4.
Hydrocarbon-soluble phthalocyanines. D. I. Randall and T. A. Martin. 2,547,972, Apr. 10.
Hydrocarbon synthesis. H. T. Baker. 2,560,325, July 10.
Hydrocarbon synthesis. B. G. Gillespie. 2,552,422, May 8.
Hydrocarbon synthesis. C. E. Hemminger. 2,542,517, Feb. 20.
Hydrocarbon synthesis. W. G. Hockberger. 2,545,954, Mar. 20.
Hydrocarbon synthesis. P. C. Keith. 2,558,760, July 3.
Hydrocarbon synthesis. P. C. Keith and E. W. Riblett. 2,564,696, Aug. 21.
Hydrocarbon synthesis. M. A. Segura. 2,552,347, May 8.
Hydrocarbon synthesis. S. D. Sumerford and F. J. Buchmann. 2,541,677, Feb. 13.
Hydrocarbon synthesis catalyst. C. N. Kimberlin, Jr. 2,550,416, Apr. 24.
Hydrocarbon synthesis catalyst. I. Kirshenbaum and K. K. Kearby. 2,553,415, May 15.
Hydrocarbon synthesis operation, Two stage. C. E. Hemminger. 2,560,344, July 10.
Hydrocarbon synthesis plant. A. Voorhies, Jr., and R. W. Krebs. 2,556,861, June 12.
Hydrocarbon synthesis process. W. C. Lanning. 2,573,795, Nov. 6.
Hydrocarbon synthesis process. B. J. Mayland. 2,564,985, Aug. 21.
Hydrocarbon synthesis process, Low-pressure. F. J. Buchmann and A. Voorhies, Jr. 2,552,308, May 8.
Hydrocarbon synthesis promoter. I. Kirshenbaum and R. K. Grover. 2,563,607, Aug. 7.
Hydrocarbon synthesis with catalyst reconditoning. I. Mayer. 2,562,806, July 31.
Hydrocarbon synthesis with fluidized catalyst. R. F. Ruthruff. 2,557,842, June 19.
Hydrocarbon vaporization and cracking process, Combination. J. A. Crowley, Jr. 2,571,342, Oct. 16.
Hydrocarbons and alcohols, Manufacturing. G. B. Arnold and H. V. Hess. 2,542,454, Feb. 20.
Hydrocarbons and oxygenated compounds, Production of. H. V. Hess and G. B. Arnold. 2,558,556, June 26.
Hydrocarbons, Producing. J. B. Litton and J. C. Schiller. 2,540,587, Feb. 6.
Hydrochloric acid recovery. J. E. Seebold. 2,545,314, Mar. 13.
Hydrochloride film, Coated rubber. C. M. Carson. 2,575,581, Nov. 20.
Hydrocyanation of conjugated diolefinic compounds. P. Arthur, Jr., and B. C. Pratt. 2,571,099, Oct. 16.
Hydrodesulfurization of petroleum hydrocarbons. C. W. Montgomery, W. I. Gilbert, and S. M. Hazen. 2,559,457, July 3.
Hydrodesulfurization of sulfur-containing hydrocarbon fractions. H. M. Stine. 2,577,823, Dec. 11.
Hydrodesulfurization process. P. W. Cornell. 2,560,415, July 10.
Hydrodynamic machine. W. Ferris. 2,538,194, Jan. 16.
Hydrodynamic machine, Axial type. A. Grad. 2,577,242, Dec. 4.
Hydrodynamic machine, Sliding vane type. J. K. Douglas. 2,565,651, Aug. 28.
Hydrodynamic transmission. T. Iavelli. 2,551,746, May 8.
Hydroejector for deep wells. P. Francois. 2,567,638, Sept. 11.
Hydroelectric treatment plant with air supply. F. Landauer. 2,580,232, Dec. 25.
Hydroextractor. F. Broadbent. 2,548,515, Apr. 10.
Hydrofluorination of acetylenic hydrocarbons. J. C. Hillyer and J. F. Wilson. 2,574,480, Nov. 13.
Hydrogen-carbon oxide mixtures and catalytic reaction thereof, Preparation of. A. Belchetz. 2,577,563, Dec. 4.
Hydrogen-containing gas under pressure, Production of. W. G. Scharmann. 2,537,708, Jan. 9.
Hydrogen fluoride catalyzed polymerization of diolefins. J. C. Hillyer and J. F. Wilson. 2,550,695, May 1.
Hydrogen fluoride recovery. D. A. McCaulay and A. P. Lien. 2,537,076, Jan. 9.
Hydrogen from hydrocarbon gases, Production of. W. G. Scharmann. 2,565,395, Aug. 21.
Hydrogen-halogen exchange process. J. P. West and L. Schmerling. 2,553,799–800, May 22.
Hydrogen manufacture. J. F. Coffey. 2,538,235, Jan. 16.
Hydrogen, Manufacture of. J. H. Shapleigh. 2,571,953, Oct. 16.
Hydrogen peroxide by the alternate reduction and oxidation of alkylated anthraquinones, Producing. L. H. Dawsey, C. K. Muehlhausser and R. R. Umhoefer. 2,537,516, Jan. 9.
Hydrogen purification method. E. D. Klema. 2,547,874, Apr. 3.
Hydrogen purification system. L. D. P. King, C. P. Baker, and R. E. Schreiber. 2,536,610, Jan. 2.
Hydrogenated dicyclopentadiene insecticide. A. R. Kittleson and L. A. Mikeska. 2,561,209, July 17.
Hydrogenated furfuryl alcohol partial polymers. A. P. Dunlop and P. R. Stout. 2,564,835, Aug. 21.
Hydrogenated rosin acid soaps in butadiene-hydrocarbon aqueous emulsion polymerization. J. N. Borglin and P. A. Ray. 2,569,447, Oct. 2.

Hydrogenating an unsaturated fatty oil coated base and product thereof. M. T. Harvey. 2,554,826, May 29.
Hydrogenating sulfolenes to sulfolanes. J. E. Mahan and S. C. Fauske. 2,578,565, Dec. 11.
Hydrogenation. W. G. Hockberger. 2,540,582, Feb. 6.
Hydrogenation of aldehydes, Selective. H. G. McGrath. 2,543,038, Feb. 27.
Hydrogenation of alkyl furans to produce ketones. J. G. M. Bremner, D. G. Jones, and R. R. Coats. 2,537,813, Jan. 9.
Hydrogenation of aromatic compounds. W. J. Cerveny. 2,537,968, Jan. 16.
Hydrogenation of carbon monoxide. J. C. Schiller, S. R. Bethea, and M. A. Mosesman. 2,546,017, Mar. 20.
Hydrogenation of coal. F. B. Sellers. 2,572,061, Oct. 23.
Hydrogenation of oxides of carbon to produce high boiling alcohols and liquid hydrocarbons. S. B. Sweetser. 2,561,244, July 17.
Hydrogenation of tartaric acid esters to erythritol. N. R. Trenner and F. A. Bacher. 2,571,967, Oct. 16.
Hydrogenation of thiophenic compounds containing an unsaturated side chain. H. Pines and B. Kvetinskas. 2,579,010, Dec. 18.
Hydrogenation of unsaturated conjunct polymer hydrocarbons, Partial. C. B. Linn. 2,547,274, Apr. 3.
Hydrogenation of unstable petroleum wax. W. T. Knox, Jr. 2,574,331, Nov. 6.
Hydrogenation process. W. M. Smith. 2,574,355, Nov. 6.
Hydrogenation reactor. C. F. Holmboe. 2,536,603, Jan. 2.
Hydrogenolysis process for the production of gasoline and a gas oil from residual oils. L. B. Goodson. 2,541,237, Feb. 13.
Hydrogenolysis process for the production of gasoline and Diesel oil from petroleum residue stocks. R. T. Wilson. 2,541,317, Feb. 13.
Hydrohalogenation of olefins. A. A. Dolnick and H. Naidus. 2,573,695, Nov. 6.
Hydro-inertia switch. T. W. Thornton. 2,549,863, Apr. 24.
Hydrolysis of acetylaminonitrothiazole. G. W. Steahly. 2,573,656, Oct. 30.
Hydrolysis of esters. E. M. Frankel. 2,558,515, June 26.
Hydrolysis of hydrocarbon halides. A. De Benedictis, S. A. Ballard, and G. W. Hearne. 2,572,251, Oct. 23.
Hydrolysis of steroid sulfates. D. Beall. 2,567,268, Sept. 11.
Hydrolyzation of pentosan containing protein materials. E. C. Pattee. 2,577,801, Dec. 11.
Hydrolyzing copolymers of maleic acid derivatives. H. L. Pfluger. 2,565,147, Aug. 21.
Hydrometer. F. R. Wilson. 2,577,669, Dec. 4.
Hydroperoxide compounds, Preparation of. E. R. Bell, F. F. Rust, and W. E. Vaughan. 2,573,947, Nov. 6.
Hydrophilic cellulose gel, Preparing a. J. J. F. Guardiola-Aragonès. 2,574,210, Nov. 6.
Hydrophone mounting. L. Batchelder. 2,560,066, July 10.
Hydropneumatic apparatus for developing and maintaining hydrostatic pressure. G. B. Lytle. 2,536,881, Jan. 2.
Hydropneumatic recuperator for guns. J. E. Prache. 2,574,059, Nov. 6.
Hydropneumatic recuperator with adjustable power. J. E. Prache. 2,574,060, Nov. 6.
Hydropyran compounds. R. R. Whetstone. 2,576,323, Nov. 27.
Hydrostatic level. C. E. Schmidt. 2,558,004, June 26.
Hydrostatic level. F. C. Waldo. 2,566,102, Aug. 28.
Hydrotherapy cabinet. I. S. Antrim. 2,540,159, Feb. 6.
Hydroxy-acylamino azo dyestuffs of the naphthalene series and making same. O. Knecht and H. Ischer. 2,553,261, May 15.
Hydroxy-compounds of the benzoxanthene series and making same. M. Schmid and H. Johner. 2,546,872, Mar. 27.
Hydroxy cyclammonium quaternary salts, Preparation of. E. J. Van Lare and L. G. S. Brooker. 2,541,015, Feb. 13.
Hydroxy cyclammonium quaternary salts, Producing. E. J. Van Lare and L. G. S. Brooker. 2,559,907, July 10.
Hydroxyalkyl fluorenyl amines. G. Rieveschl, Jr. 2,573,607, Oct. 30.
Hydroxyalkylhydroperoxides. C. L. Levesque. 2,568,682, Sept. 18.
Hydroxybenzene sulfonamidopyrazines and preparation of same. M. E. Hultquist and Y. SubbaRow. 2,572,728, Oct. 23.
Hydroxydiketones. M. S. Schechter and F. B. La Forge. 2,574,500, Nov. 13.
Hydroxyethyl-acylamido-biphenylyl ketones. L. L. Bambas and C. E. Schweitzer. 2,542,768, Feb. 20.
Hydroxy-methylmercapto-butyronitrile. W. F. Gresham 2,543,267, Feb. 27.
Hydroxyl- and alkoxyl-substituted cycloalkylpenyl aliphatic acids and the production thereof. R. R. Burtner. 2,567,873, Sept. 11.
Hydroxyl compounds by hydrolysis of tetrahydropyryl ethers, Production of. H. B. Copelin. 2,541,747, Feb. 13.
Hydroxylation of unsaturated compounds. C. M. Himel and L. O. Edmonds. 2,555,927, June 5.
Hygienic device. P. A. Ralston. 2,551,394, May 1.
Hygrometer. C. C. Minter. 2,548,550, Apr. 10.
Hygrometer, Dew point. K. S. van Dyke. 2,536,111, Jan. 2.
Hygrometer, Dew point. K. S. Van Dyke. 2,571,171, Oct. 16.
Hygroscopic materials. H. H. Young. 2,550,213, Apr. 24.
Hygroscopic solution, Concentrating. A. S. Richardson. 2,557,204, June 19.
Hyperfrequency wide-band impedance matching network. R. Wallauschek. 2,538,544, Jan. 16.
Hypochlorite sweetening process. R. C. Brandon and M. C. K. Jones. 2,550,668, May 1.
Hypodermic injection assembly. E. R. Lawshe. 2,567,673, Sept. 11.
Hypodermic syringe. T. E. Watson. 2,567,001, Sept. 4.
Hypophosphorous acid and hypophosphites as catalyzers of condensation of monoamino monocarboxylic acids. M. Genas. 2,564,001, Aug. 14.
Hyposulfites by means of amalgam, Making. S. Z. Avedikian. 2,576,769, Nov. 27.
Icebox, Portable. H. L. Greve. 2,555,126, May 29.
Ice breaker. C. Pouliot. 2,551,967, May 8.
Ice breaker or crusher. H. O. McLain and A. L. Blatti. 2,537,779, Jan. 9.
Ice bunker, Refrigerator car. W. H. Keleher. 2,571,253, Oct. 16.
Icecap and making same. L. E. Smith. 2,542,294, Feb. 20.
Ice chopper with spring retracted head, Container enclosed. P. F. Georgeina and D. P. Iezzi. 2,546,739, Mar. 27.
Ice cracker. M. A. Rollman. 2,550,864, May 1.
Ice cream and making the same. H. T. Spannuth. 2,568,666, Sept. 18.
Ice cream dispenser. R. L. Arthur. 2,559,840, July 10.
Ice-cream dispenser. T. R. Tesiero. 2,558,887, July 3.
Ice cream, Making. R. Horton. 2,571,136, Oct. 16.
Ice cream, Making variegated. E. C. Lehner. 2,576,842, Nov. 27.
Ice cream manufacture. J. W. Knechtges. 2,550,656, Apr. 24.
Ice-cream softening apparatus. K. E. Bemis. 2,566,651, Sept. 4.
Ice creeper. G. F. Fisher. 2,579,143, Dec. 18.
Ice creeper. N. A. Nordin. 2,577,478, Dec. 4.
Ice cube producing and storing apparatus, Automatic. C. F. Munshower. 2,569,113, Sept. 25.
Ice cubes, Method and apparatus for producing. H. B. Bennett. 2,540,566, Feb. 6.
Ice detector means. W. B. Pond. 2,557,311, June 19.
Icing device. R. L. Courtade. 2,553,751, May 22.
Ice eliminating apparatus, Inflatable. D. C. Gregg. 2,539,576, Jan. 30.
Ice-fishing heater. H. O. Boklep. 2,541,328, Feb. 13.
Ice-flake machine. F. W. Knowles. 2,546,005, Mar. 20.
Ice forming and ice melting cooling system. J. I. Morrison. 2,571,924, Oct. 16.
Ice gripper for vehicle wheels. J. J. Kruse. 2,559,721, July 10.
Ice jam remover for bridges. J. Musial. 2,545,104, Mar. 13.
Ice maker and bottle cooler. G. Muffly. 2,572,508, Oct. 23.
Ice-making apparatus. M. G. Leeson. 2,549,747, Apr. 17.
Ice-making machine. J. R. Bayston. 2,542,891, Feb. 20.
Ice making machine. J. R. Bayston. 2,563,093, Aug. 7.
Ice making machine. R. D. Russell and W. L. Ihly. 2,545,558, Mar. 20.
Ice-making machine. E. C. Walsh. 2,575,374, Nov. 20.
Ice-making machine, Automatic. W. G. Ribeiro. 2,550,497, Apr. 24.
Ice mold figures, Making. T. F. Sherbloom. 2,545,592, Mar. 20.
Ice product and making the same. K. T. Orrison. Re. 23,446, Dec. 25.
Ice product and manufacturing. J. R. Bayston. 2,575,509, Nov. 20.
Ice release method and means. R. M. Storer. 2,558,015, June 26.
Ice remover with scraping pins. C. W. Harshbarger. 2,556,691, June 12.
Ice shaver and chipper machine. S. T. Echols, Sr. and S. T. Echols, Jr. 2,539,734, Jan. 30.
Ice shaving machine. O. H. Browne. 2,552,933, May 15.
Ice tray grid. R. L. Hallock. 2,538,939, Jan. 23.
Ice tray supporting assembly for refrigerators. W. P. Hill. 2,561,277, July 17.
Ice warning indicator. O. I. Thorsen. 2,566,813, Sept. 4.
Icing detection device. J. E. Lindberg. 2,577,779, Dec. 11.
Icing unit, Master car. H. O. McLain and A. L. Blatti. 2,544,431, Mar. 6.
Identification and signaling device for vehicles. W. Macdonald. 2,559,163, July 3.
Identification assembly unit. D. H. Bowder. 2,550,763, May 1.
Identification band. F. R. Wallich. 2,561,894, July 24.
Identification device for luggage. L. B. Coleman. 2,545,262, Mar. 13.
Identification hub cap. N. J. Zagotti. 2,569,212, Sept. 25.
Identification means, Key. W. F. Rothe. 2,566,749, Sept. 4.
Identification system, Telephone line. G. T. Baker. 2,547,804, Apr. 3.
Identifying aircraft. D. J. Barchok and I. Stokes. 2,540,087, Feb. 6.

Identifying normally invisible markings and composition therefor. M. S. Kantrowitz and E. J. Gosnell. 2,538,784, Jan. 23.
Idler arm pivot joint. B. E. Ricks. 2,578,645, Dec. 11.
Igniter. T. H. Lennox. 2,575,113, Nov. 13.
Igniter. F. S. Miller and C. Zola. 2,561,670, July 24.
Igniter for solid fuel, Electric. G. C. Molotzak. 2,540,277, Feb. 6.
Igniter for use in electric initiating devices, Electric. D. G. Ashcroft. 2,577,501, Dec. 4.
Igniting apparatus. W. B. Smits. 2,550,875, May 1.
Igniting device for cigarettes, cigars, and the like. J. Shanks. 2,556,853, June 12.
Igniting device responsive to furnace temperatures, Solid fuel. G. C. Molotzak. 2,540,278, Feb. 6.
Ignition and automatic pilot control for fuel burners. C. K. Strobel. 2,564,863, Aug. 21.
Ignition and safety control system, Gas burner. J. Ottmar. 2,549,633, Apr. 17.
Ignition apparatus. R. E. White. 2,552,610, May 15.
Ignition apparatus for fuel gas, Electromagnetic. S. A. Russell. 2,536,468, Jan. 2.
Ignition control. D. S. Guillermin. 2,570,797, Oct. 9.
Ignition control. J. J. Mascuch and M. F. Peters. 2,573,473, Oct. 30.
Ignition control. J. S. Newman and K. L. Berninger. 2,565,984, Aug. 28.
Ignition device. L. H. Segall. 2,571,769, Oct. 16.
Ignition device and parts thereof. W. C. Smith. 2,575,140, Nov. 13.
Ignition device, Electrical. P. T. Nims. 2,546,108, Mar. 20.
Ignition device for internal-combustion engines. E. F. Sebesta. 2,554,720, May 29.
Ignition device for jets from fuel nozzles, Electrical. C. M. Carington, G. W. Shoobert, and D. J. Blight. 2,546,919, Mar. 27.
Ignition device, Oil burner. H. C. Little. 2,553,975, May 22.
Ignition electrode device for gas burners. W. B. Ensign and O. Wildermann. 2,545,945, Mar. 20.
Ignition interference suppression. A. V. Nichol. 2,563,952, Aug. 14.
Ignition of gasoline and nitric acid, Spontaneous. G. B. Kistiakowsky. 2,563,532, Aug. 7.
Ignition point assembly. S. Hofmann. 2,569,991, Oct. 2.
Ignition switch lock. E. N. Jacobi. 2,558,852, July 3.
Ignition system. R. J. Davis. 2,555,922, June 5.
Ignition system. J. V. McNulty. 2,543,371, Feb. 27.
Ignition system. B. H. Short and C. E. Buck. 2,536,143, Jan. 2.
Ignition system, Electronic. W. G. Mayer. 2,552,989, May 15.
Ignition system for combustion engines, Spark type. H. E. W. West. 2,544,477, Mar. 6.
Ignition system for fuel burners. B. H. Short and C. E. Buck. 2,540,177, Feb. 6.
Ignition system for internal-combustion engines. C. Colvin and E. C. Bettoni. 2,556,527, June 19.
Ignition system for internal-combustion engines. M. Mallory. 2,544,608, Mar. 6.
Ignition system, Heater. G. Jacobs. 2,568,125, Sept. 18.
Ignition system, High-frequency. D. C. Peroutky. 2,552,212, May 8.
Ignition testing device. A. J. Beebie. 2,572,303, Oct. 23.
Ignition timing control. G. F. Butkiewicz. 2,568,270, Sept. 18.
Ignition trip for oil burner controls. P. Schell. 2,562,438, July 31.
Ileostomy surgical device. J. H. Friedman. 2,563,597, Aug. 7.
Illuminated aircraft wing tip. J. Orlansky. 2,571,158, Oct. 16.
Illuminated cover plate for electrical outlets. W. C. Linton. 2,575,820, Nov. 20.
Illuminated display. H. L. Ross. 2,556,779, June 12.
Illuminated figure with reflector. J. Burnbaum. 2,579,725, Dec. 25.
Illuminated fishing rod handle. H. E. Scott. 2,565,633, Aug. 28.
Illuminated license plate frame. J. W. Giboney. 2,579,230, Dec. 18.
Illuminated outdoor display. H. A. Thuernau. 2,565,635, Aug. 28.
Illuminated picture frame. F. E. Reefe. 2,549,928, Apr. 24.
Illuminated picture support. J. A. Traum. 2,577,982, Dec. 11.
Illuminated shoe device. N. Rikelman. 2,572,760, Oct. 23.
Illuminated sign. J. A. Macau V. 2,566,458, Sept. 4.
Illuminated spirit level having a recessed battery-receiving web. C. A. Friberg. 2,543,572, Feb. 27.
Illuminating and magnifying map holder. O. G. Quam. 2,544,859, Mar. 13.
Illuminating and pouring device for bottles. E. P. du Pont. 2,547,450, Apr. 3.
Illuminating attachment for telephones. G. Hronec. 2,558,437, June 26.
Illuminating attachment for telephones. M. K. Laporte. 2,572,815, Oct. 23.
Illuminating device for automobile license plates. F. R. Rizer. 2,562,740, July 31.
Illuminating means for containers provided with hinged closures, Automatically actuated. M. C. Baillie. 2,572,095, Oct. 23.
Illuminating means for indicating instruments. A. H. Leboffe. 2,562,498, July 31.
Illumination duplication for photography. H. W. Hart. 2,550,149, Apr. 24.
Illumination system. E. Gretener. 2,574,031, Nov. 6.
Illuminative device for projecting continuously changing color designs. D. C. Rockola. 2,567,403, Sept. 11.
Illuminator for optical projection comparator with relay type optical system, Vertical. A. R. Fultz. 2,552,272, May 8.
Illuminator for optical projection comparators, Episcopic. R. J. Hudak. 2,552,280, May 8.
Illuminator for optical projectors. G. J. Koch. 2,552,184–5, May 8.
Image converter tube. C. S. Szegho. 2,575,033, Nov. 13.
Image distortion corrector for cathode-ray tubes. B. S. Trott. 2,541,446, Feb. 13.
Image-forming composition and making it. C. H. Van Dusen, Jr. 2,545,125, Mar. 13.
Image intensifier. L. P. Hunter and R. L. Longini. 2,555,545, June 5.
Image intensifying tube. E. E. Sheldon. 2,555,423, June 5.
Image reduction circuit. E. L. Field and I. M. Plusc. 2,542,495, Feb. 20.
Image size control device for cathode-ray tubes. R. F. Foster. 2,563,525, Aug. 7.
Image storage device. M. P. Wilder. 2,550,316, Apr. 24.
Image storage tube. B. C. Gardner. 2,547,638, Apr. 3.
Imbibition printing. J. F. Kienninger. 2,577,332, Dec. 4.
Imidazolidine compounds and preparing them, Substituted. G. H. Morey. 2,576,306, Nov. 27.
Imidazolines. M. Hartmann and S. Studer. 2,569,415, Sept. 25.
Imides, Manufacture of. J. P. Morgan and E. O. Ohsol. 2,566,992, Sept. 4.
Imido esters from azolines and maleic adducts of fatty acid esters, Preparation of. S. P. Rowland. 2,580,047, Dec. 25.
Imido-esters of diels-alder adducts and producing same. S. P. Rowland. 2,547,493, Apr. 3.
Imido-esters production, Aromatic. S. P. Rowland. 2,547,542, Apr. 3.
Imidohalides and preparing them and their hydrolysis products. P. L. Barrick. 2,569,549, Oct. 2.
Immersed electrode steam generator. S. Livingstone. 2,538,648, Jan. 16.
Immersed-electrode steam generating system. S. E. Eaton. 2,546,889, Mar. 27.
Immersion heater. F. E. Smith. 2,556,984, June 12.
Impact cushioning idler. J. W. Snavely. 2,546,200, Mar. 27.
Impact rotary slip lock. A. L. Stone. 2,570,039, Oct. 2.
Impact testing machine. G. Lubin and R. R. Winans. 2,579,503, Dec. 25.
Impact tong and spinner. A. L. Stone. 2,566,999, Sept. 4.
Impact tool. C. E. Fitch. 2,563,711, Aug. 7.
Impact tool. J. C. Lang. 2,575,455, Nov. 20.
Impact tool. W. G. Mitchell. 2,575,523, Nov. 20.
Impact tool. W. G. Mitchell and L. P. Fosnot. 2,564,224, Aug. 14.
Impact tool. F. H. Thomas. 2,539,678, Jan. 30.
Impact type sucker rod wrench. C. E. Olsen and J. A. Peterson. 2,558,374, June 26.
Impact wrench. J. P. Newman. 2,576,851, Nov. 27.
Impact wrench. F. H. Thomas. 2,579,278, Dec. 18.
Impact wrench torque control. S. B. Maurer. 2,543,979, Mar. 6.
Imparting water repellency to fibrous materials and resulting products. J. W. Schick, H. D. Hartough, and D. E. Badertscher. 2,559,260, July 3.
Impedance matched frequency converter. A. H. Ryan and J. P. Hagen. 2,561,417, July 24.
Impedance matching arrangement for high-frequency antennae. G. Rabuteau. 2,567,235, Sept. 11.
Impedance measurement at ultra high frequencies. G. H. Brown. 2,557,811, June 19.
Impedance measuring. W. V. Roberts. 2,551,337, May 1.
Impedance measuring. W. V. Roberts. 2,569,691, Oct. 2.
Impedance monitor. W. H. Doherty. 2,545,544, Mar. 20.
Impedance transforming network. P. H. Smith. 2,572,672, Oct. 23.
Impeller, Air-driven. R. B. Cotton. 2,550,229, Apr. 24.
Impeller and detergent dispenser. K. Clark. 2,568,185, Sept. 18.
Impeller assembly for dishwashing machines. S. G. Burt-Wells. 2,572,983, Oct. 30.
Impeller for dishwashing machines. H. G. Davis. 2,567,509, Sept. 11.
Impeller, Single suction. L. R. Seinfeld. 2,547,786, Apr. 3.
Impeller vane for hydraulic motors. H. F. Gorsuch. 2,556,648, June 12.
Impinging-jet fuel-spray bar. C. S. Moore and D. Novik. 2,562,936, Aug. 7.
Implant for artificial eyes. T. I. Moore. 2,574,750, Nov. 13.
Implement, Agricultural. R. H. Miller. 2,555,554, June 5.
Implement, Agricultural crust busting. R. Edwards and J. Brogden. 2,569,464, Oct. 2.

Implement and container therefor, Extensible and retractable. S. H. Bobrov. 2,575,788, Nov. 20.
Implement assembly for rotary tillers. A. O. Zorn. 2,574,772, Nov. 13.
Implement attachment means. F. T. Court. 2,576,779, Nov. 27.
Implement, Combination agricultural. D. E. Lewis. 2,546,461, Mar. 27.
Implement, Combination agricultural. D. E. Lewis. 2,562,318, July 31.
Implement construction. L. Heckathorn and H. B. Rapp. 2,550,475, Apr. 24.
Implement, Contraoscillating eccentric skinning. B. A. McLean. 2,547,134, Apr. 3.
Implement control hitch and associated mechanism. R. W. Kurtz. 2,546,192, Mar. 27.
Implement, Crop handling. E. A. Jones. 2,554,195, May 22.
Implement, Culinary. M. H. Bell. 2,538,440, Jan. 16.
Implement, Culinary. C. F. Roberts and E. Buckly. 2,545,794, Mar. 20.
Implement, Cultivating. R. Porter. 2,558,154, June 26.
Implement, Earth working. C. F. Doerfler. 2,567,805, Sept. 11
Implement, Electrical testing. V. Simmons and B. L. Hutchison. 2,536,577, Jan. 2.
Implement, Eradicating. G. Sala. 2,571,620, Oct. 16.
Implement, Fastener-applying. C. M. Lindstrom. 2,552,798, May 15.
Implement, Fish holding. A. Y. Leslie. 2,561,283, July 17.
Implement, Flexibly connected tractor-mounted. W. H. Silver and W. V. Lohrman. 2,567,737, Sept. 11.
Implement, Foot treatment. C. C. Curtis. 2,537,037, Jan. 9.
Implement for cutting carpets and the like. W. K. Thomas. 2,537,287, Jan. 9.
Implement for laying model railway tracks. C. D. Webster. 2,562,287, July 31.
Implement for molten glass, Stirring and impelling. M. M. Cannon, Jr. 2,563,099, Aug. 7.
Implement for removing backs of watchcases. E. E. Thoms. 2,542,728, Feb. 20.
Implement for setting jewel pins. J. E. De Venne 2,547,198, Apr. 3.
Implement for use in trimming Christmas trees with tinsel. C. L. Paganski. 2,577,360, Dec. 4.
Implement, Fur stretching and fastener applying. J. Steiner. 2,538,394, Jan. 16.
Implement, Grapefruit cutting. F. R. Stemp. 2,575,848, Nov. 20.
Implement, Hand-guided rotary earth-working. R. J. Barrow. 2,574,237, Nov. 6.
Implement hitch. W. H. Pethick. 2,562,817, July 31.
Implement hitch, Agricultural. W. L. Dixon. 2,561,614, July 24.
Implement hitch for tool bar implements. T. Evans. 2,575,801, Nov. 20.
Implement hitch, Telescoping. L. P. Finley. 2,538,448, Jan. 16.
Implement, Hoisting and pulling. L. Haubert. 2,563,603, Aug. 7.
Implement holder. C. A. McKee. 2,570,141, Oct. 2.
Implement, Household. T. M. Sabo. 2,563,422, Aug. 7.
Implement lift and depth gauge mechanism for tractor cultivators. C. F. O'Brien. 2,551,333, May 1.
Implement, Manicuring. B. B. Pinco. 2,551,700, May 8.
Implement, Massaging. M. A. Amer. 2,547,243, Apr. 3.
Implement, Mineral sampling. H. S. Safford. 2,544,728, Mar. 13.
Implement, Pickup. F. M. Fraga. 2,575,622, Nov. 20.
Implement, Pickup. C. Payne. 2,575,561, Nov. 20.
Implement, Planter supporting. J. J. Bauer. 2,571,407, Oct. 16.
Implement, Pocket. J. Van H. Whipple and G. P. Kammerer. 2,577,056, Dec. 4.
Implement, Pruning. G. Gustafson. 2,569,888, Oct. 2.
Implement, Pushing. E. J. Strandberg. 2,550,096, Apr. 24.
Implement, Quickly attachable. W. H. Silver and W. V. Lohrman. 2,567,736, Sept. 11.
Implement raising and locking device. G. W. Johansen and W. E. Copley. 2,580,100, Dec. 25.
Implement, Rotary. W. P. Jacobus. 2,551,132, May 1.
Implement, Serving. L. A. Ste. Marie. 2,557,846, June 19.
Implement, Shrimp cleaning. S. A. Paoli. 2,552,450, May 8.
Implement, Stretching and tacking. C. M. Lindstrom. 2,562,469, July 31.
Implement, Tooth cleaning and gum messaging. M. Raybin. 2,544,396, Mar. 6.
Implement, Tractor-propelled. S. Hoar and J. A. Thierry. 2,538,000, Jan. 16.
Implement wheel mount, Hydraulically controlled. A. F. Good. 2,552,549, May 15.
Implements for the eradication of corns on the feet and their manufacture. C. Exibard. 2,563,163, Aug. 7.
Impregnated ferrous gear. F. V. Lenel. 2,561,579, July 24.
Impregnated pencil lead. C. H. Van Dusen, Jr. and O. E. Weissenborn. 2,566,753, Sept. 4.
Impregnating a fibrous sheet with a phenolic resin. J. J. Wachter and C. J. Straka. 2,565,152, Aug. 21.
Impregnating and cooling electric windings. I. C. McKechnie. 2,553,666, May 22.
Impregnating apparatus. V. A. Rayburn. 2,539,549, Jan. 30.
Impregnating composition for insulating materials. R. E. Berringer. 2,572,906, Oct. 30.
Impregnating electrical coils. R. L. Brown. 2,574,686, Nov. 13.
Impregnating electrical instrumentalities, Method and apparatus for. A. G. Steinmayer and E. A. Link. 2,578,024, Dec. 11.
Impregnating electrical motor armatures. F. M. Poole and J. J. Foye, Jr. 2,572,515, Oct. 23.
Impregnating fiber sheets. P. A. Talet. 2,546,618, Mar. 27.
Impregnating fibrous sheet materials. E. L. Kropa. 2,542,819, Feb. 20.
Impregnating transformers. G. W. Miller. 2,561,446, July 24.
Impregnating transformers. M. I. Zwelling. 2,561,456, July 24.
Impregnating wood with chemical solutions. C. B. Lundstrom. 2,567,292, Sept. 11.
Impregnation of formed fibrous material, Continuous. D. D. Adams, K. Rollius, and J. D. Risher. 2,552,612, May 15.
Impressing the sensitivity and the response characteristics of velocity microphones. H. F. Olson and J. Preston. 2,566,093, Aug. 28.
Imprinting apparatus for book matches, Metallic ribbon. R. G. Schmitt. 2,547,602, Apr. 3.
Imprinting coatings on paper and paperboard. H. C. Fisher and B. E. Sooy. 2,578,345, Dec. 11.
Improved calcium halo-phosphate phosphor. K. H. Butler. 2,579,900, Dec. 25.
Improved drilling mud composition. G. G. Wrightsman. 2,560,380, July 10.
Improved hydrocarbon resin, Preparation of an. J. D. Garber and D. W. Young. 2,565,960, Aug. 28.
Improved liquid-liquid contacting process using di (beta-cyanoethyl)-amine. H. R. Antle. 2,572,583, Oct. 23.
Improved polyvinyl acetate emulsion capable of depositing water-resistant films and bonds. W. G. Kunze and R. B. Evans. 2,580,230, Dec. 25.
Improvement of vegetable drying and semidrying oils. S. B. Radlove. 2,575,529, Nov. 20.
Improving cellulose ethers. J. P. Chittum. 2,572,559, Oct. 23.
Improving color and drying characteristics and similar properties of drying glyceride oils. H. A. Vogel. 2,569,136, Sept. 25.
Improving drying and semidrying oils. F. Stejskal. 2,553,429, May 15.
Improving fastness to crocking of azoic dyed materials using certain vinyl resins. E. H. Rossin. 2,575,026, Nov. 13.
Improving flow properties of asphalt. C. Mack. 2,580,035, Dec. 25.
Improving fruit products. R. J. McColloch and E. A. Beavens. 2,563,855, Aug. 14.
Improving lubricating oil by adsorption on silica gel. I. P. Jones. 2,572,866, Oct. 30.
Improving seed germination and coated seed produced thereby. W. J. Hale and P. Vogelsang. 2,553,577, May 22.
Improving stability and engine cleanliness characteristics of petroleum fractions. E. Arundale and J. P. Haworth. 2,567,174, Sept. 11.
Improving stability of waxes. S. H. Dole. 2,554,244, May 22.
Improving the adhesion of rubber to cellulosic fibrous materials. F. S. Perkerson. 2,555,304, June 5.
Improving the characteristics of thermoplastic fabrics. J. Cadgene. 2,563,394, Aug. 7.
Improving the cut growth resistance of butadiene-vinyl pyridine rubbery copolymers. B. C. Barton. 2,570,632, Oct. 9.
Improving the drying qualities of tall oil. W. C. Spitzer and R. T. Ryan. 2,539,975, Jan. 30.
Improving the foam of fermented malt beverages and product obtained thereby. J. S. Wallerstein, A. L. Schade, and H. B. Levy. 2,547,988, Apr. 10.
Improving the high-temperature strength of austinitic steels. W. O. Binder. 2,562,854, July 31.
Improving the low-frequency response in magnetic recording and reproducing units, Method and apparatus for. L. C. Holmes and D. L. Clark. 2,536,810, Jan. 2.
Improving the resistance to corrosion and abrasion of certain coated aluminum surfaces. F. P. Spruance, Jr. 2,563,430-1, Aug. 7.
Improving the resistance to corrosion and abrasion of certain coated aluminum surfaces. F. P. Spruance, Jr. 2,568,936, Sept. 25.
Improving the solubility of lowmethoxyl pectin in liquids containing polyvalent metal ions, and pectin product suitable for making jellies with such liquids. K. Pedersen. 2,540,545, Feb. 6.
Improving the tone quality and resonance of string instruments. A. Dalmas. 2,547,919, Apr. 10.
Improving vat dyed nylon fibers. W. H. Sharkey. 2,541,839, Feb. 13.
Impulse control device. B. W. Chapin. 2,542,626, Feb. 20.
Impulse correcting repeater-selector system. C. E. Lomax. 2,549,696, Apr. 17.

Impulse current relay. S. F. E. Meyer. 2,545,669, Mar. 20.
Impulse generating apparatus. H. D. Doolittle. 2,543,445, Feb. 27.
Impulse generating system. G. B. Parkinson. 2,575,559, Nov. 20.
Impulse generator. J. C. Koonz. 2,570,693, Oct. 9.
Impulse relay. W. W. Brockway. 2,547,998, Apr. 10.
Impulse testing device. R. O. Boykin, Jr. 2,573,830, Nov. 6.
Inboard power unit for shallow draft boats. J. W. Daniels. 2,569,802, Oct. 2.
In-place resurfacing of ponderous cylinders. R. G. Minarik and E. N. Isakson. 2,579,391, Dec. 18.
Inrush electric current control circuit recloser. E. O. Painter. 2,561,287, July 17.
Inside form for casting elongated hollow concrete structures. J. D. Jessen. 2,547,946, Apr. 10.
Insole assembly for footwear, Removable. M. C. V. Fortier. 2,559,014, July 3.
Insole, Flexible. H. G. Lumbard. 2,556,364, June 12.
Insole for welt shoes, Laminated. S. L. Katz. 2,548,266, Apr. 10.
Insole matrices, Making. S. M. Griswold and H. C. Paulsen. 2,577,749, Dec. 11.
Insole-type appliance. F. L. Riggs. 2,546,408, Mar. 27.
Insole, Ventilating. P. E. Whittington. 2,545,062, Mar. 13.
Insole with arch support, Laminated. S. Loewi. 2,579,592, Dec. 25.
Insole with moisture absorbing agent, Shoe. H. Miller and A. Kiedish. 2,560,120, July 10.
Insoles channeled only in the shank region, Making. V. A. Sherbrook. 2,571,299, Oct. 16.
Intake manifold for internal-combustion engines. M. H. Ellis. 2,573,095, Oct. 30.
Innersole having upwardly foldable portions. S. Pennell. 2,537,156, Jan. 9.
Inner spring assembly. C. J. Elder. 2,547,904, Apr. 3.
Inner tube. A. N. Iknayan. 2,550,193, Apr. 24.
Inner tubes for pneumatic tires, Making. J. W. Waber. 2,537,107, Jan. 9.
Incandescent gas burner. E. R. Parsberg. 2,464,371, Aug. 14.
Incendiary article. M. E. Barker. 2,558,726, July 3.
Incendiary filling for bombs. L. Finkelstein. 2,553,568, May 22.
Incidence angle adjustment for aircraft wings. C. X. Hosford. 2,541,922, Feb. 13.
Incinerator. J. P. McKinley. 2,545,625, Mar. 20.
Incinerator. A. H. Riebschlager. 2,559,229, July 3.
Incinerator, Downdraft. K. F. Triggs. 2,538,811, Jan. 23.
Incinerator, Electric wall. A. H. Riebschlager. 2,559,228, July 3.
Incinerator, Garbage. R. H. Knipping. 2,577,659, Dec. 4.
Incinerator, Garbage. J. C. Vincent. 2,544,369, Mar. 6.
Incinerator positioned above a hole in the earth. E. J. Bergeron. 2,543,756, Mar. 6.
Incinerator structure with gas burner, flame inspection reflector, and vent pipe assembly. J. W. Hebert. 2,562,270, July 31.
Inclined guide for slicing machine chutes. A. W. Lundell. 2,558,767, July 3.
Inclined reciprocating vegetable cutter. H. R. Ransom. 2,545,557, Mar. 20.
Inclined U water tube boiler. A. A. Drago and G. H. Brace. 2,569,155, Sept. 25.
Inclinometer for sighting instruments, Pendulum. R. O. Browning. 2,569,796, Oct. 2.
Inclinometer, Pendulum. S. Ruhland. 2,567,653, Sept. 11.
Inclinometer, Photoelectric, liquid-level. E. F. Flint. 2,547,310, Apr. 3.
Incorporating solid fat in liquid fatty mixtures. B. S. Harrington. 2,546,502, Mar. 27.
Incorporation of additives into molten metal. O. Smalley. 2,574,764, Nov. 13.
Increasing lateral stability of aircraft. B. L. Gadeberg. 2,562,905, Aug. 7.
Increasing resistance to corrosion, Method of and solution for. J. S. Thompson. 2,564,864, Aug. 21.
Increasing the deviation of frequency modulated oscillations. A. Špaček. 2,572,958, Oct. 30.
Increasing the melt viscosity of synthetic linear polyamides. I. F. Walker. 2,557,808, June 19.
Increasing the melting point of polymerized rosin. K. C. Laughlin. 2,547,219, Apr. 3.
Increasing the melting point of polymerized rosin. A. L. Rummelsburg. 2,547,230, Apr. 3.
Increasing the opacity of sheets or webs of paper or the like. A. B. Hurley. 2,563,117, Aug. 7.
Increasing the particle size of synthetic resin latices. C. E. Rhines. 2,538,273, Jan. 16.
Increasing the particle size of synthetic rubber latices. C. E. Linscott. 2,548,802, Apr. 10.
Increasing the range of inductive train communication systems. P. N. Bossart. 2,550,957, May 1.
Increasing the resistance to corrosion of stainless steel. L. Guitton. 2,576,680, Nov. 27.
Increasing the riboflavin content of liquid biologically active or nutritive materials. G. I. De Becze, H. N. Moore, and E. Schraffenberger. 2,543,897, Mar. 6.
Increasing the sulfur dioxide content of the cooking acid used in the manufacture of sulfite pulp. V. H. Somer and T. E. Brehmer. 2,545,389, Mar. 13.
Increasing the viscosity of liquid resinous organopolysiloxanes. H. C. Nelson, Jr. 2,579,332, Dec. 18.
Increment mechanism. R. F. Hinschlager. 2,552,833, May 15.
Incremental addition of alkaline material in emulsion polymerization. C. M. Tucker. 2,546,244, Mar. 27.
Incremental freezing. J. R. Watt. 2,571,506, Oct. 16.
Incubator. M. J. Duffy. 2,539,900, Jan. 30.
Incubator. L. J. Seacat. 2,564,508, Aug. 14.
Indazole azo dyestuff. P. Petitcolas, R. F. M. Sureau, and A. P. Richard. 2,544,936, Mar. 13.
Indene modified phenol formaldehyde resins, Producing. H. L. Allen and E. G. Kerr. 2,540,641, Feb. 6.
Independent actuator tens transfer device. H. and S. Gross. 2,564,254, Aug. 14.
Index attachment, Telephone dial. J. J. Venters. 2,546,483, Mar. 27.
Index card. O. M. B. Sillerud. 2,542,585, Feb. 20.
Index filing binder, Visible. I. Fogel. 2,579,253, Dec. 18.
Index for selective automatic phonographs. M. W. Kenney. 2,545,362, Mar. 13.
Index for sensitive measuring instruments. G. E. Conover and C. D. McClure. 2,571,839, Oct. 16.
Index, Loose-leaf memorandum. R. E. Gordenier, F. E. Gruber, and J. F. Thull. 2,536,544, Jan. 2.
Index mechanism. J. H. Williams. 2,558,502, June 26.
Index or register, Telephone-address. H. A. Bauer. 2,573,534, Oct. 30.
Index, Selectable. J. A. Ortendahl. 2,552,448, May 8.
Index, Selective card. J. Stiller. 2,556,232, June 12.
Index strip and making the same. E. J. Way. 2,547,068, Apr. 3.
Index system with registry elements having checking marks obtained by punching, Alphabetic. M. den Outer. 2,558,546, June 26.
Index tab. B. T. Taylor. 2,541,791, Feb. 13.
Index tab, Magnifying. N. Y. Andersen. 2,545,014, Mar. 13.
Index, Telephone address. G. Menning and E. H. Seibert. 2,541,881, Feb. 13.
Index, Visible. D. E. Evans, Sr. 2,552,270, May 8.
Index, Visible record. M. B. Hall. 2,537,268, Jan. 9.
Indexible table. W. G. Bihler. 2,558,289, June 26.
Indexing attachment, Work. J. S. Hollinger. 2,578,476, Dec. 11.
Indexing control means. E. L. Steed. 2,560,395, July 10
Indexing device. D. H. Mills. 2,547,533, Apr. 3.
Indexing device for machine tools. F. J. Henkel. 2,570,444, Oct. 9.
Indexing device, Phonograph record. J. E. McCombie. 2,563,350, Aug. 7.
Indexing device, Rotatable shaft position. A. J. Bradford and C. Burnham. 2,543,656, Feb. 27.
Indexing head. E. Király. 2,572,161, Oct. 23.
Indexing means, Turret. R. K. Sedgwick. 2,557,149, June 19.
Indexing mechanism. L. G. Barry. 2,579,169, Dec. 18.
Indexing mechanism. P. Letelier. 2,545,408, Mar. 13.
Indexing mechanism. A. F. Rehnberg and J. Nelson. 2,560,475, July 10.
Indexing mechanism. E. Y. Seborg and W. M. Fairbairn. 2,564,613, Aug. 14.
Indexing mechanism for bottle dispensing machines. A. D. Brundage. 2,549,168, Apr. 17.
Indexing mechanism for machine tools. E. W. Brinkman. 2,572,909, Oct. 30.
Indexing mechanism for translating a reciprocatory motion into a step-by-step rotary motion. N. H. Swanson. 2,556,010, June 5.
Indicating a chosen area. M. Swanson. 2,549,860, Apr. 24.
Indicating and control device. A. Edelman. 2,544,012, Mar. 6.
Indicating and recording apparatus, Pressure. W. J. Cameron. 2,556,645, June 12.
Indicating apparatus. H. W. Augustadt. 2,546,814, Mar. 27.
Indicating apparatus. G. E. Conlisk. 2,571,423, Oct. 16.
Indicating apparatus, Pressure. W. J. Cameron. 2,556,646, June 12.
Indicating circuit. T. C. Rehm. 2,550,600, Apr. 24.
Indicating device. R. A. Pirie. 2,560,304, July 10.
Indicating device constituted by a scale and an index which can move along a guide path. H. Blok. 2,578,965, Dec. 18.
Indicating device for automobiles. H. H. Gordon. 2,549,450, Apr. 17.
Indicating device for improving skill in golf. S. N. Lemoyne. 2,575,668, Nov. 20.
Indicating device for indicating the next dealer in a card game. A. F. Faber and C. D. Ellis. 2,570,535, Oct. 9.
Indicating device, Glider position. G. W. Lai. 2,567,947, Sept. 18.
Indicating device, Keel line. J. P. Francesco. 2,557,088, June 19.
Indicating machine, Musical chord. C. L. Broughton. 2,548,000, Apr. 10.
Indicating means for accounting machines. R. Gourdon. 2,568,618, Sept. 18.

Indicating means, Wire grip. R. R. Lockhart. 2,572,940, Oct. 30.
Indicating mechanism. M. L. Clopton. 2,542,235, Feb. 20.
Indicating mechanism for weighing scales, Electrically actuated. E. E. Hess. 2,552,319, May 8.
Indicating meter dial plate adjustable mounting. B. C. Neustrand. 2,541,174, Feb. 13.
Indicating or control device. K. P. George. 2,539,575, Jan. 30.
Indicating system. L. J. A. Le Goff. 2,554,580, May 29.
Indicating system, Altitude. S. H. M. Dodington. 2,546,985, Apr. 3.
Indicating system, Plan position. W. A. Huber and M. Gindoff. 2,566,332, Sept. 4.
Indicating television image distribution. A. C. Schroeder. 2,576,859, Nov. 27.
Indicating the position of an automatic locking device for pistons or other movable parts. J. Perdue and S. Hackney. 2,568,561, Sept. 18.
Indicating the position of undercarriages or other aircraft parts. M. S. Snell. 2,557,396, June 19.
Indication transmitting apparatus for remote-control systems of the code type. E. B. Walkup. 2,574,805, Nov. 13.

Indicator: *See*—
- Aircraft balance indicator.
- Air-speed indicator.
- Airplane proximity indicator.
- Antenna output indicator.
- Antifreeze indicator.
- Audible piston position indicator.
- Audio level indicator.
- Automatic change-over and indicator.
- Automobile hood positioning warning indicator.
- Band width indicator.
- Battery electrolyte level indicator.
- Brake lining thickness indicator.
- Broken strand indicator.
- Calendar date indicator.
- Camera fade-out indicator.
- Cathode-ray indicator.
- Center of gravity indicator.
- Centric indicator.
- Changing-sign indicator.
- Clearance indicator.
- Compensated plan position indicator.
- Course indicator.
- Current surge indicator.
- Date indicator.
- Decimal indicator.
- Deflection indicator.
- Defrosting indicator.
- Digit indicator.
- Direction inclination indicator.
- Directional indicator.
- Distributor timing indicator.
- Dosage and time indicator.
- Double-acting dial indicator.
- Dull bit indicator.
- Efficiency indicator.
- Electric-light service indicator.
- Electric switch position indicator.
- Electric tire inflation indicator.
- Electronic indicator.
- Electronic speed indicator.
- Elevation indicator.
- Explosion-proof electrical indicator.
- Exposure indicator.
- Faucet hose temperature indicator.
- Flash-back indicator.
- Flight hour indicator.
- Flow indicator.
- Flux phase indicator.
- Football position indicator.
- Frequency change indicator.
- Frequency indicator.
- Frozen food thawing indicator.
- Glow-tube voltage indicator.
- Golf club indicator.
- Grain drill level indicator.
- Gyroscopic rate-of-turn indicator.
- Helicopter attitude indicator.
- Hotbox indicator.
- Ice warning indicator.
- Inductive angle indicator.
- Internal screw-thread concentricity indicator.
- Level indicator.
- Liquid-level flight indicator.
- Liquid level indicator.
- Liquid volume indicator.
- Low-frequency pulse rate indicator.
- Marine speed indicator.
- Material flow indicator.
- Merchandise order indicator.
- Metronomic tempo indicator.
- Moving route indicator.
- Nontumbling gyroscopic directional indicator.
- Offset contact alignment indicator.
- Oil indicator.
- Particle form solid level indicator.
- Peak-reading tuning indicator.
- Pendulum drift indicator.
- Pendulum level indicator.
- Piston position indicator.
- Position indicator.
- Precision dial indicator.
- Pressure indicator.
- Projecting speed indicator.
- Pulp density indicator.
- Pulse echo direction and distance indicator.
- Radio distance and moving target indicator.
- Radio pulse distance and direction indicator.
- Radio velocity indicator.
- Recorder failure indicator.
- Refrigerator frost indicator.
- Room occupancy indicator.
- Safe load indicator.
- Sand expansion indicator.
- Signal comparison indicator.
- Skid indicator.
- Soft tire indicator.
- Spark-gap liquid level indicator.
- Static electricity indicator.
- Station indicator.
- Thermal air-speed indicator.
- Thermal fluid flow indicator.
- Thickness indicator.
- Tire pressure indicator.
- Torque indicator.
- True airspeed indicator.
- Tuning indicator.
- Turning angle indicator.
- Typewriter carriage position indicator.
- Vehicle direction indicator.
- Vertical indicator.
- Weighing scale indicator.
- Weight and center of gravity indicator.
- Wide range tuning indicator.

Indicator. R. M. Brokaw and D. A. Getz. 2,537,508, Jan. 9.
Indicator. S. Levy. 2,551,683, May 8.
Indicator. T. B. Owens. 2,577,663, Dec. 4.
Indicator. D. C. Rockola. 2,580,046, Dec. 25.
Indicator. J. H. Stroop. 2,548,750, Apr. 10.
Indicator adjusting means. N. E. Hart and W. A. Guss. 2,563,723, Aug. 7.
Indicator and field determinator for X-ray apparatus, Exposure. G. Bucky. 2,556,866, June 12.
Indicator and governor, Pressure responsive speed. W. H. Harstick. 2,569,166, Sept. 25.
Indicator and hardness testing device, Depth. H. W. Dietert, J. A. Schuch, and R. E. Steinmueller. 2,553,755, May 22.
Indicator device for controlling the period of operation of engines. F. K. H. Nallinger. 2,574,583, Nov. 13.
Indicator device for golf practice machines, Path. H. R. Smith. 2,545,634, Mar. 20.
Indicator device, Neutron density. W. H. Zinn. 2,579,994, Dec. 25.
Indicator drive for weighing scales. L. S. Williams. 2,537,947, Jan. 16.
Indicator drive structure for coffee mills. G. R. Wood. 2,563,768, Aug. 7.
Indicator flag for funeral cars. H. D. Frame. 2,546,855, Mar. 27.
Indicator for antennas, Power factor. L. O. Krause. 2,554,196, May 22.
Indicator for automotive vehicles, Oil level. B. D. Woolley. 2,539,604, Jan. 30.
Indicator for bicycles, Air-speed. D. A. Comstock. 2,559,402, July 3.
Indicator for billiard tables, Rebound angle. R. N. Matson. 2,537,228, Jan. 9.
Indicator for boring machines, Digging depth. G. H. Connors. 2,573,640, Oct. 30.
Indicator for cylindrical members, Combination level and angle. C. S. Wright. 2,579,893, Dec. 25.
Indicator for direction finders. L. A. de Rosa and B. Howard. 2,567,193, Sept. 11.
Indicator for echo ranging training apparatus, Electronic deviation. G. A. Brettell, Jr., and C. F. Bradley. 2,545,191, Mar. 13.
Indicator for electric apparatus, Visible. J. Lelong. 2,540,895, Feb. 6.
Indicator for electronic counters, Coincidence. J. P. Eugley and R. R. Freas, Jr. 2,563,106, Aug. 7.
Indicator for electronic counters, Coincidence. R. R. Freas, Jr. 2,574,145, Nov. 6.
Indicator for frequency modulation receivers, Tuning. E. H. Schoenfeld. 2,539,639, Jan. 30.
Indicator for gearshift mechanism. L. Jacobi. 2,549,096, Apr. 17.
Indicator for horizontal boring machines, Optical projector. H. W. L. Kearns. 2,564,068, Aug. 14.
Indicator for liquid-containing vessels, Level. B. W. Strömberg. 2,556,346, June 12.
Indicator for motion-picture cameras, Film position. E. P. Shepard. 2,573,994, Nov. 6.
Indicator for motor vehicles, Adjustable speed. L. S. Treese. 2,538,218, Jan. 16.
Indicator for newspaper delivery boxes, Pivotal. H. L. Bishop. 2,553,164, May 15.
Indicator for plan position indicators, Bearing angle. J. E. Gall. 2,540,110, Feb. 6.
Indicator for racing harness, Identifying. G. Pettigrew. 2,539,098, Jan. 23.
Indicator for radio direction systems, Course. C. W. Earp. 2,553,558, May 22.
Indicator for radio object locators, Visible. J. R. Pierce. 2,560,818, July 17.
Indicator for radios and the like, Tuning. C. A. Woodward. 2,549,655, Apr. 17.
Indicator for recording instrument. H. L. Bowditch. 2,573,950, Nov. 6.
Indicator for rotary wing aircraft, Blind flying. C. A. Moeller. 2,572,649, Oct. 23.
Indicator for sand and gravel weighing hoppers, Moisture. V. L. Tyson. 2,548,410, Apr. 10.
Indicator for scales and the like, Percentage. A. G. Brown. 2,571,415, Oct. 16.
Indicator for seed hoppers, Level. T. Dedio. 2,545,992, Mar. 20.
Indicator for sensing devices, Stepping failure. J. W. Goderham. 2,546,819, Mar. 27.
Indicator for typewriters, Bottom margin. J. G. Allemann. 2,571,996, Oct. 23.
Indicator for typewriters, Page-end. G. G. Knieriem, Jr. 2,545,582, Mar. 20.
Indicator for use in blind flying of towed gliders, Position. R. L. Wallace, Jr and H. L. Ericson. 2,557,900, June 19.
Indicator for vehicle steering apparatus, Position. R. E. Hiatt. 2,579,233, Dec. 18.
Indicator for webs, Moisture. J. S. Seney. 2,558,392, June 26.
Indicator lamp assembly for multicircuit electric appliances. D. W. Scofield. 2,579,618, Dec. 25.
Indicator mechanism. A. P. Breitzke. 2,538,188, Jan. 16.
Indicator of interface between acid and hydrocarbon layers, Level. C. R. Wagner. 2,551,983, May 8.
Indicator support. A. Fontecchio. 2,571,853, Oct. 16.
Indicator system, Electrical. T. W. Hallerberg. 2,553,968, May 22.

Indicator system for race contestant, Position. H. C. Armagost. 2,557,167, June 19.
Indicator system, Icing. S. H. Hahn. 2,541,512. Feb. 13.
Indicator system, Obstacle-detector. M. R. Richmond. 2,544,355, Mar. 6.
Indicator system, Salinity. M. Ingram. 2,565,501, Aug. 28.
Indicator to be worn on the hands while learning to typewrite. L. J. Behr. 2,570,908, Oct. 9.
Indicator wrapper, Hose size. L. J. Merske. 2,537,417, Jan. 9.
Indigo vat dye paste, Producing. D. Zinner. 2,559,269, July 3.
Indium plating. D. F. Green and J. E. Salmon. 2,538,417, Jan. 16.
Individual dressing. P. Collignon. 2,561,844, July 24.
Indole, Manufacture of. F. T. Tyson. 2,537,609, Jan. 9.
Indolopteridines and preparing same. N. R. Campbell, M. E. H. Fitzgerald, H. O. J. Collier, and J. H. Dunsmuir. 2,556,574, June 12.
Indoor portable oscillating drier. E. K. F. Chun. 2,574,621, Nov. 13.
Indoor television antenna mounting. F. E. Dudley. 2,572,603, Oct. 23.
Inductance and self-capacitance measuring device. E. M. Shiepe. 2,577,592, Dec. 4.
Inductance coil. C. W. Nuttman. 2,567,394, Sept. 11.
Inductance coil structure. R. E. Whiffen. 2,568,310, Sept. 18.
Inductance device. J. Gourevitch. 2,578,421, Dec. 11.
Induction alternator excitor control. D. V. Edwards. 2,578,679, Dec. 18.
Induction apparatus. R. E. Mann. 2,553,596, May 22.
Induction apparatus, Electric. I. H. Sclater. 2,548,624, Apr. 10.
Induction apparatus, Electrical. G. G. Somerville. 2,548,629, Apr. 10.
Induction furnace. A. W. Lillienberg. 2,540,744, Feb. 6.
Induction furnace. M. A. Parage. 2,538,979, Jan. 23.
Induction furnace. M. Tama. 2,539,800, Jan. 30.
Induction hardening of ways of machine tools. J. D. Williams. 2,574,855, Nov. 13.
Induction heating apparatus for heating surface apertured workpieces. H. A. Strickland, Jr. 2,541,124, Feb. 13.
Induction motor. H. C. Roters. 2,579,865, Dec. 25.
Induction motor. W. T. Seitz. 2,573,283, Oct. 30.
Inductive angle indicator. J. D. Malmqvist and I. G. R. Thomaeus. 2,564,018, Aug. 14.
Inductive device having a precisely sinusoidal relation between coupling and relative displacement. P. F. Bechberger and P. G. Yeannakis. 2,550,663, May 1.
Inductive pickup device. R. C. Curtis and L. D. Norton. 2,578,924, Dec. 18.
Inductive stirring. L. Dreyfus and K. E. Eriksson. 2,573,319, Oct. 30.
Industrial chain. L. F. Bingham. 2,541,911, Feb. 13.
Industrial gas, Production of. C. S. Lynch. 2,548,486, Apr. 10.
Industrial process for extracting rhenium. M. M. Bertolus. 2,579,107, Dec. 18.
Industrial truck caster wheel. W. F. Herold. 2,541,514, Feb. 13.
Industrial truck caster wheel. W. F. Herold. 2,544,924, Mar. 13.
Inert gas arc welding electrode. J. D. Cobine. 2,540,811, Feb. 6.
Inertia operated control device. C. W. Berkoben and R. J. Bush. 2,573,386, Oct. 30.
Inertia operated control device. R. J. Bush. 2,573,387, Oct. 30.
Inertia starter. S. Gilbert. 2,553,186, May 15.
Inertia switch. J. P. Holman. 2,573,199, Oct. 30.
Inerting enclosed spaces to prevent or extinguish fires. C. A. Getz. 2,543,362, Feb. 27.
Infant bathtub support. H. C. Schreckengost. 2,563,076, Aug. 7.
Infant feeder. J. T. Vance, Jr. 2,550,210. Apr. 24.
Infant's bottle holder. P. G. and E. D. Ridey. 2,579,701, Dec. 25.
Infant's chair. P. L. Barker. 2,567,418, Sept. 11.
Infant's chair. F. E. Ducey. Re. 23,339. Feb. 13.
Infant's diaper cover. W. F. Gowdy. 2,575,054, Nov. 13.
Infant's toilet seat. W. W. Cunningham. 2,568,322, Sept. 18.
Infiltrometer, Automatic recording. A. D. Bull. 2,540,096, Feb. 6.
Infinitely variable speed gear. H. Haidegger. 2,545,152, Mar. 13.
Infinitely variable transmission. W. T. Rossell. 2,565,148, Aug. 21.
Inflatable articles, Making. E. A. Robinson. 2,573,609, Oct. 30.
Inflatable covering for surfaces. C. F. Totheroh. 2,568,669, Sept. 18.
Inflation member for milking machines. L. T. Conde. 2,565,721, Aug. 28.
Inflator. W. A. Cyphers. 2,541,988. Feb. 20.
Infrared objective lens. P. H. Taylor. 2,571,307, Oct. 16.
Infrared release of water of crystallization. K. J. Rios. 2,577,209. Dec. 4.
Infrared sensitive cell. A. F. Gibson. 2,544,261, Mar. 6.
Infusion device. H. Koski. 2,543,581, Feb. 27.
Infusion package with expandible bottom and manufacture thereof. H. O. Irmscher 2,571,138, Oct. 16.
Ingot and mold for making the same. E. J. Kauffman, Sr. 2,545,925, Mar. 20.
Ingot holder. L. J. Nixon. 2,575,829, Nov. 20.
Ingot mold. R. S. Hosmer. 2,556,035, June 5.
Ingot mold splash bowl. W. R. Patterson. 2,572,754, Oct. 23.
Ingot stool remover and the like. J. C. Reed. 2,537,788, Jan. 9.
Ingredient of adhesives and making it. C. C. Heritage. 2,574,785, Nov. 13.
Inhaler. J. M. Cage. 2,579,362, Dec. 18.
Inhaler. I. C. Pace. 2,570,268, Oct. 9.
Inhaler. G. P. Trumbour and H. I. Prater, Jr. 2,579,280, Dec. 18.
Inhaler for crystalline penicillin or the like. J. H. Friden. 2,549,303, Apr. 17.
Inhibiting color decomposition of dyes present in color photographs. E. S. Mackey. 2,579,435, Dec. 18.
Inhibiting fogs in hydrocarbon products. W. F. Eberz. 2,550,981, May 1.
Inhibiting polymerization of diolefins. J. M. Powers. 2,557,684, June 19.
Inhibiting the corrosion of ferrous equipment used in the regeneration and boiling of alkali metal solutions. G. W. Ayers, E. E. Harton, and L. R. Mazurk. 2,556,387, June 12.
Inhibiting the degradation of photographic color images. E. S. Mackey. 2,579,436. Dec. 18.
Inhibition of acrylonitrile polymerization. J. C. Richards. 2,546,238. Mar. 27.
Inhibition of corrosion. G. D. Harden and W. J. Curry. 2,550,997, May 1.
Inhibition of ice formation in fuels. L. J. Richards and K. R. Williams. 2,560,368, July 10.
Inhibition of scale formation in steam generation. P. G. Bird. 2,576,386, Nov. 27.
Inhibitors for cellulose derivative dyes, Gas fading. A. F. Strobel and W. W. Williams. 2,539,212, Jan. 23.
Initially soft stiffenable material. G. F. Jonas. 2,569,764, Oct. 2.
Initiator systems comprising a titanous compound and nitrogen compounds such as oximes. E. G. Howard. 2,567,109, Sept. 4.
Injecting a flowable substance into a stream of liquid. H. A. Petsch 2,574,756, Nov. 13.
Injection apparatus. L. M. Harley. 2,540,445, Feb. 6.
Injection apparatus. W. E. Hinds. 2,574,263, Nov. 6.
Injection compensation in high-energy particle acceleration. T. M. Dickinson. 2,553,305, May 15.
Injection device. G. W. Ferguson. 2,550,053, Apr. 24.
Injection device and ampoule. J. H. Smoot. 2,547,099, Apr. 3.
Injection means for internal-combustion engines, Governor controlled. C. J. Patus. 2,565,516, Aug. 28.
Injection mechanism for pressure die-casting machines. J. de Sternberg. 2,564,885, Aug. 21.
Injection mold and pressure actuatable device for controlling the filling thereof. H. E. Lietaert. 2,541,592, Feb. 13.
Injection molding apparatus. J. W. Mayer and W. F. St. Clair. 2,578,719, Dec. 18.
Injection molding apparatus. T. Saulino. 2,571,766, Oct. 16.
Injection pump. G. Lagardelle. 2,578,561, Dec. 11.
Injector. V. J. Bast. 2,573,299, Oct. 30.
Injector and injecting arrangement for storage containers. J. Bolsey. 2,554,658. May 29.
Injector apparatus. E. Williams, B. Whitehead, and J. P. Mercer. 2,575,646, Nov. 20.
Injector for injecting caustic or acid fluids. R. J. Chambers. 2,576,282, Nov. 27.
Injector for internal-combustion engines. L. Waldron. 2,551,073, May 1.
Injector, Fuel. W. H. Mashinter. 2,559,364, July 3.
Injector mechanism. R. W. Bailey and J. T. Faull. 2,577,946. Dec. 11.
Injector, Rotary fertilizer. G. H. Bunch. 2,543,888, Mar. 6.
Injury pad. R. F. Logan. 2,572,360, Oct. 23.
Ink and making the same, Printing. V. A. Lauderman. 2,536,555, Jan. 2.
Ink, Blue printing. F. E. Petke. 2,567,965. Sept. 18.
Ink compositions, Zein. R. M. Leekley. 2,570,353, Oct. 9.
Ink containing alkyd resin and a mixed hydrocarbon solvent, Printing. J. G. Curado. 2,541,505, Feb. 13.
Ink drying burner. W. W. Kemp and H. M. Hanson. 2,536,609, Jan. 2.
Ink fountain. R. A. Pannier. 2,537,851, Jan. 9.
Ink fountain interrupter for rotary printing machines. E. J. Janke. 2,547,470, Apr. 3.
Ink, Moisture settable printing. R. F. Lecture and A. T. Sedgwick. 2,543,727, Feb. 27.
Ink, Moisture-setting printing. J. Hoyt. 2,537,531, Jan. 9.
Ink, Printing. J. G. Curado. 2,537,513. Jan. 9.
Ink, Red printing. F. E. Petke. 2,567,964, Sept. 18.
Ink ribbon mechanism for marking machines. P. N. Braun. 2,563,513, Aug. 7.
Ink, Safety. J. de Vries. 2,555,474. June 5.
Ink, Silk screen stencil. H. A. Van Etten. 2,556,241, June 12.

Inkstand. F. Lago. 2,549,612, Apr. 17.
Inkstand. P. Siptrott. 2,536,144, Jan. 2.
Ink supplying apparatus. M. F. Saunders. 2,542,711, Feb. 20.
Inkwell. S. J. Roberts. 2,556,000, June 5.
Inkwell, Dip. R. Spilman. 2,547,100, Apr. 3.
Ink, Yellow printing. F. E. Petke. 2,567,963, Sept. 18.
Inker adjuster for marking machines. R. T. Anderson. 2,550,901, May 1.
Inking apparatus for machines for stamping decorations on potteryware. A. A. Wells and G. S. Knapp. 2,571,638, Oct. 16.
Inking apparatus for use with inks having highly volatile solvents. G. Cramer. 2,578,921, Dec. 18.
Inking arrangement for printing machines. M. Reynolds and H. G. Barrett. 2,571,383, Oct. 16.
Inking device. C. F. Selzer. 2,544,362, Mar. 6.
Inking device, Adjustable. J. G. McKay. 2,562,627, July 31.
Inking device for marking the surface of electrical conductors. A. P. Lunt, T. R. Norton, and C. P. Anderson. 2,562,500, July 31.
Inking means for laundry marking machines. W. J. Keuper. 2,566,213, Aug. 28.
Inking-means for rod-like printing members. E. E. Libman. 2,567,289, Sept. 11.
Inking mechanism. R. H. Holmwood. 2,573,336, Oct. 30.
Inking mechanism. R. K. Holtz. 2,561,373, July 24.
Inking mechanism. G. Montgomery. 2,561,399, July 24.
Inking mechanism. J. Sinkovitz. 2,561,423, July 24.
Inking mechanism for printing presses. W. W. Davidson. 2,539,383, Jan. 30.
Inking mechanism for rotary intaglio printing presses. C. S. Crafts and E. W. Worthington. 2,550,454, Apr. 24.
Inking mechanism for rotary printing presses. R. F. Aberle. 2,564,590, Aug. 14.
Inking mechanism for toy typewriters, Type wheel. S. I. Berger. 2,536,714, Jan. 2.
Inking mechanism in fruit marking machines, Ribbon. G. A. Collender. 2,537,397, Jan. 9.
Inking pad for stencil duplicating machines. M. J. Doppelt. 2,538,864, Jan. 23.
Inking roller manufacture. E. D. Hill. 2,538,751, Jan. 23.
Inks and films printed therewith, Printing. G. M. Adams. 2,544,873, Mar. 13.
Inks and making, Quick-setting. R. H. Wharton. 2,547,069, Apr. 3.
Inks, Black printing. A. Voet. 2,580,205, Dec. 25.
Inks, Flushed methyl violet. M. A. Gardepe. 2,567,281. Sept. 11
Inks, Quick-drying writing. R. L. Mayhew. 2,545,823, Mar. 20.
Inks, Quick-drying writing. R. L. Mayhew. 2,546,130, Mar. 20.
Inks, Quick-drying writing. R. L. Mayhew. 2,560,881, July 17.
Inks, Stencil duplicating. T. S. Chambers and R. T. Florence. 2,556,902, June 12.
Inlet dirt deflector and filter arrangement for suction cleaners. H. T. Lang. 2,539,195, Jan. 23.
Inlet means for insulation-covered electric conductors. P. M. Martin. 2,539,310, Jan. 23.
Inoculator, Poultry and livestock. A. B. Willson. 2,575,648, Nov. 20.
Inorganic maroon. A. E. Gessler and W. F. Goepfert. 2,564,756. Aug. 21.
Inorganic sponge blowing agents. A. A. Baum. 2,544,483, Mar. 6.
Insect destroyer. A. T. Holte. 2,576,118, Nov. 27.
Insect poisoning and crop dusting machine. L. A. Mindrup. 2,578,482, Dec. 11.
Insect repellent. M. Gates. 2,555,330, June 5.
Insect repellent. M. Gates. 2,567,199–200, Sept. 11.
Insect repellents. P. D. Bartlett and H. J. Dauben, Jr. 2,564,664, Aug. 21.
Insect repellents. P. D. Bartlett and S. D. Ross. 2,537,021, Jan. 9.
Insect repellents. P. D. Bartlett and S. D. Ross. 2,564,663, Aug. 21.
Insect repellents. P. D. Bartlett and A. Schneider. 2,537,022–3, Jan. 9.
Insect repellents. P. D. Bartlett and G. F. Woods. 2,564,665, Aug. 21.
Insect repellents. N. L. Drake and W. E. Weaver. 2,564,679, Aug. 21.
Insect repellents. M. Gates. 2,563,832, Aug. 14.
Insect repellents. M. Gates. 2,572,852, Oct. 30.
Insect repellents. M. S. Newman. 2,564,714, Aug. 21.
Insect trap. C. F. Mattingly. 2,565,142. Aug. 21.
Insecticidal aerosols, Method and solution for producing. J. R. Reasenberg. 2,559,091, July 3.
Insecticidal and acaricidal composition comprising propylene glycol and an alkali ammonium seleno sulfide. J. B. Moore. 2,558,772, July 3.
Insecticidal and fungicidal spray oil. C. J. Boissonou and W. J. Yates. 2,560,626, July 17.
Insecticidal composition. T. Parr. 2,539,269, Jan. 23.
Insecticidal composition. J. C. Showalter. 2,556,300, June 12.
Insecticidal composition comprising nicotine sulfate and 4,4'-dichlorodiphenyl sulfide. C. F. Woodward and E. L. Mayer. 2,572,898, Oct. 30.
Insecticidal composition comprising 1,4-dithiocyanobutene-2. H. L. Johnson and A. P. Stuart. 2,539,910, Jan. 30.
Insecticidal composition comprising 1-p-chlorophenyl-2-nitro-1-tolylpropane. H. B. Hass and M. B. Neher. 2,538,687, Jan. 16.
Insecticidal composition comprising the reaction product of ethylene chlorohydrin and 4-vinyl-cyclohexene. H. L. Johnson and A. P. Stuart. 2,539,909, Jan. 30.
Insecticidal composition comprising 3-cyano-1, 4-endomethylene-cyclohexane-5. M. W. Swaney and S. B. Lippincott. 2,536,858, Jan. 2.
Insecticidal composition containing a polychloro p-menthane. W. D. Stonecipher. 2,546,174–6, Mar. 27.
Insecticidal compositions containing beta-(tertiary-alkyl thio) alkanols. L. T. Eby. 2,570,051, Oct. 2.
Insecticidal composition containing pyrethrins and a synergist therefor. H. Wachs. 2,550,737, May 1.
Insecticidal composition of pyrethrins and the methylene ether of 3,4-oxymethylene-phenyl-1-butylglycol synergist. H. Wachs. Re. 23,341, Feb. 13.
Insecticidal compositions. L. L. Neff and E. L. Wampler. 2,564,855, Aug. 21.
Insecticidal compositions. J. H. Percy and H. F. Neumann. 2,564,606, Aug. 14.
Insecticidal compositions. H. G. Smith, M. L. Hill, and T. L. Cantrell. 2,554,274, May 22.
Insecticidal compositions. F. M. Thompson, Jr. 2,552,235, May 8.
Insecticidal compositions comprising chlorinated camphene. G. A. Buntin. 2,565,471, Aug. 28.
Insecticidal compositions containing calcium N-alkyl phthalamidates, Improved. M. L. Hill, T. L. Cantrell, and H. G. Smith. 2,554,249, May 22.
Insecticidal paint. G. A. Bowden and C. Iddings. 2,540,239, Feb. 6.
Insecticide and miticide compositions comprising hexaethyl tetraphosphate and a nitrophenolic compound E. E. Kenaga. 2,552,563, May 15.
Insecticide container. P. J. Grant. 2,547,314, Apr. 3.
Insecticide duster. L. Fletcher and J. Winks. 2,564,058, Aug. 14.
Insecticide formulation. C. C. Crawford and L. L. Jaquier, Jr. 2,575,098, Nov. 13.
Insecticides, New. M. Pijoan, R. D. Englert, H. J. Gerjovich, and M. L. Hopwood. 2,578,736, Dec. 18.
Insert for dental flasks. L. Scharfe. 2,574,594, Nov. 13.
Insert for the counter portion of a shoe. G. A. Stout. 2,562,480, July 31.
Insert for valves, Replaceable. A. Rhodes. 2,549,010, Apr. 17.
Insert holder. J. Sunnen. 2,580,329, Dec. 25.
Insertable vent pipe. A. E. Mathey. 2,548,734, Apr. 10.
Inserting machine for making structural units, Pin. P. de Anguera. 2,567,191, Sept. 11.
Inserting machine, Newspaper. C. L. Rockwell. 2,569,692, Oct. 2.
Insertion of tap straps in capacitors, Method and apparatus for. A. L. Hogue, E. A. Raney, J. A. Young, and L. R. Runaldue. 2,547,644, Apr. 3.
Inserts for articles of plastic and similar materials. E. K. Uhle. 2,561,433, July 24.
Insigne unit. D. H. Bowder. 2,544,876, Mar. 13.
Insolubilization of water-soluble copolymers. M. Baer. 2,562,853, July 31.
Insolubilizing artificial filaments of vegetable protein. R. Campbell, W. E. Tetlow, and R. H. K. Thomson. 2,565,908, Aug. 28.
Insolubilizing vegetable seed globulin and phospho-protein artificial filamentary products. W. E. Tetlow and R. H. K. Thomson. 2,565,935, Aug. 28.
Inspecting electric lamp filaments. R. B. Reid. 2,572,573, Oct. 23.
Inspecting wire-drawing die contours. J. G. Quetsch, Jr. and J. T. Weir. 2,569,195, Sept. 25.
Inspection device. W. J. Cameron. 2,544,914, Mar. 13.
Inspection device, Hosiery. M. Hartline. 2,567,478. Sept. 11.
Inspection of ferro-magnetic materials. J. C. Bender and B. J. Kalb. 2,542,893, Feb. 20.
Inspection of sheet materials, Photoelectric. F. C. Todd. 2,570,288, Oct. 9.
Inspection unit for battery separator plates. R. C. Mann and W. H. Ashcraft. 2,565,868, Aug. 28.
Installation for underground storage reservoirs for liquids nonmiscible with water. P. Lambert. 2,579,005, Dec. 18.
Instant-start device for energizing a pair of fluorescent lamps. B. K. Naster. 2,545,164, Mar. 13.
Instructional device on the operation of voting machines. C. R. Finegan. 2,577,678, Dec. 4.
Instructional or amusement device, Child's. J. B. Lobb. 2,539,025, Jan. 23.
Instrument adapted to compare heat areas for determining subluxations. D. P. Redding. 2,546,275, Mar. 27.
Instrument, Aerial navigation. R. A. Marten. 2,541,878, Feb. 13.
Instrument, Air control. E. C. Burdick. 2,548,943, Apr. 17.

Instrument, Aircraft attitude and heading. L. W. L. Edmonds and R. M. Burley. 2,563,225, Aug. 7.
Instrument, Aircraft flight determining. R. L. Saloschin. 2,546,836, Mar. 27.
Instrument and computer, Navigation. K. A. Osterberg. 2,548,319, Apr. 10.
Instrument and diaphragm therefor, Sound producing. J. E. Petek. 2,575,293, Nov. 13.
Instrument and key mounting for the same, Wind. E. O. Sylvester. 2,569,029, Sept. 25.
Instrument, Angular velocity measuring. R. Barnaby and A. E. Reinhardt. 2,544,646, Mar. 13.
Instrument, Arc and center point locating. O. F. Graff. 2,559,015, July 3.
Instrument balance mechanism. B. E. Lenehan. 2,575,720, Nov. 20.
Instrument board for motor vehicles. J. A. Church. 2,570,645, Oct. 9.
Instrument case construction. I. Taegtstroem (Ralph Vidar). 2,559,480, July 3.
Instrument casing for measuring and controlling apparatus. W. P. Wills. 2,574,203, Nov. 6.
Instrument, Child's musical. J. A. Links. 2,559,777, July 10.
Instrument, Circumcision. M. Hyatt. 2,548,670, Apr. 10.
Instrument, Composite aircraft flight. J. R. McGuire. 2,538,843, Jan. 23.
Instrument, Computing. W. L. De Witt. 2,569,295, Sept. 25.
Instrument, Condition responsive. B. Marcellus. 2,562,385, July 31.
Instrument construction, Dental. A. Berliner. 2,552,134, May 8.
Instrument construction, Electrical. R. L. Triplett. 2,558,282. June 26.
Instrument, Convertible electrical stringed musical. F. J. Allen. 2,561,551, July 24.
Instrument, Curve describing. F. L. A. Turner. 2,540,848, Feb. 6.
Instrument damping system. F. R. Sias. 2,560,257, July 10.
Instrument, Dental. H. Freedman. 2,537,454. Jan. 9.
Instrument, Dental. R. W. Page. 2,551,458, May 1.
Instrument, Diaphragm pressure indicating. T. H. Howe. 2,551,212, May 1.
Instrument, Distance and angle measuring. J. B. Eliason. 2,536,359, Jan. 2.
Instrument, Dividing and scaling. M. S. Cade and J. E. McLaughlin. 2,547,745, Apr. 3.
Instrument, Drafting. H. Anderegg. 2,551,082, May 1.
Instrument, Drafting. L. P. Frost. 2,543,009, Feb. 27.
Instrument, Drafting. E. O. Hanson. 2,536,743, Jan. 2.
Instrument, Drafting. L. Macha, Jr. 2,568,647, Sept. 18.
Instrument, Drafting. L. Veyret and G. Geffroy. 2,542,380, Feb. 20.
Instrument, Drafting. L. Veyret and G. Geffroy. 2,551,187, May 1.
Instrument, Draftsman's equal spacing ruling. W. R. Tucker. 2,563,199, Aug. 7.
Instrument, Drawing. A. Guinez. 2,561,469, July 24.
Instrument, Drawing. A. McKillop. 2,561,585, July 24.
Instrument, Drawing. W. H. Schneider. 2,559,470, July 3.
Instrument, Drawing. J. T. Sheridan. 2,545,112, Mar. 13.
Instrument, Ear cleaning. J. M. Hall. 2,569,237, Sept. 25.
Instrument, Electric control. E. N. Jacobi. 2,539,252, Jan. 23.
Instrument, Electric musical. L. N. G. de Lázaro. 2,539,297, Jan. 23.
Instrument, Electric musical. B. W. van Ingen Schenau. 2,577,493, Dec. 4.
Instrument, Electric voltage, current, and phase-angle measuring. T. A. Rich. 2,551,291, May 1.
Instrument, Electrical indicating. J. F. Veevers and J. F. Thomas. 2,543,680, Feb. 27.
Instrument, Electrical musical. L. E. A. Bourn. 2,579,358, Dec. 18.
Instrument, Electrical musical. C. W. Earp. 2,561,349, July 24.
Instrument, Electrical musical. M. Grudin. 2,539,130, Jan. 23.
Instrument, Electrical musical. J. M. Hanert. 2,540,727, Feb. 6.
Instrument, Electrical musical. J. M. Hanert. 2,543,628, Feb. 27.
Instrument, Electrical musical. J. M. Hanert. 2,562,908, Aug. 7.
Instrument, Electrical musical. M. J. Larsen and N. B. Erickson. 2,568,644, Sept. 18.
Instrument, Electrical musical. H. A. Vagtborg. 2,549,145, Apr. 17.
Instrument, Electronic musical. T. J. George. 2,539,826, Jan. 30.
Instrument, Electronic musical. C. Martin. 2,563,477, Aug. 7.
Instrument, Electronic musical. F. D. Merrill, Jr. 2,551,807, May 8.
Instrument, Electrosurgical. F. J. Wallace. 2,545,865, Mar. 20.
Instrument, Embalmer's drainage. C. D. Eicher. 2,541,691, Feb. 13.
Instrument, Exhibiting. L. Behr. 2,553,629, May 22.
Instrument, Eye testing. F. D. Costenbader and W. W. Hall. 2,573,546, Oct. 30.
Instrument face, Illuminated. J. D. Lash. 2,563,537, Aug. 7.
Instrument for acoustic devices, Testing. F. Massa. 2,546,313, Mar. 27.
Instrument for aircraft, Flight. G. W. Hoover and E. E. Easton. 2,569,473, Oct. 2.
Instrument for and method of geophysical exploration. B. S. Bjarnason. 2,559,586, July 10.
Instrument for computing arcuate lengths and lengths having arcuate components. A. T. Nash. 2,573,803, Nov. 6.
Instrument for correlating air speed, angle of attack, and aircraft loading. V. E. Carbonara and J. H. Andresen, Jr. 2,579,902, Dec. 25.
Instrument for cultivation of voice. D. Baxter. 2,577,562, Dec. 4.
Instrument for determining displacements in X-ray photographs. J. F. Grostic. 2,557,428, June 19.
Instrument for determining slope from stereoscopic images. E. J. Schlatter. 2,569,498, Oct. 2.
Instrument for determining subluxations in the spine of a patient. D. P. Redding. 2,546,276, Mar. 27.
Instrument for deveining and shelling shrimp. T. S. Gorton. 2,561,359, July 24.
Instrument for direct spectro-chemical analysis by the internal standard method, Photoelectric. J. L. Saunderson, V. J. Caldecourt, and E. W. Peterson. 2,577,814–15, Dec. 11.
Instrument for direction indicators, Performance recording. T. O. McCarthy and J. L. Maulbetsch. 2,544,851, Mar. 13.
Instrument for drawing broken lines, Drafting. G. T. Alfrey. 2,557,212, June 19.
Instrument for drawing curved lines. W. H. Rekdahl. 2,552,215, May 8.
Instrument for exploring electric fields. L. L. J. Hirbec. 2,552,678, May 15.
Instrument for inside measurements. H. Haidegger. 2,553,086, May 15.
Instrument for inspecting the interior of cavities. H. G. Bogart. 2,541,976, Feb. 20.
Instrument for measuring elasticity and elastic recovery of textile fabric. A. M. Hansen and H. M. Fletcher. 2,568,731, Sept. 25.
Instrument for measuring, interpolating, and the like. H. J. Gerber. 2,561,020, July 17.
Instrument for measuring or indicating the specific gravity of liquids. G. E. Brown and B. K. Macey. 2,574,432, Nov. 6.
Instrument for measuring physical conditions. C. H. Smoot. 2,546,657, Mar. 27.
Instrument for resolving gear ratios. R. H. Stout. 2,548,273, Apr. 10.
Instrument for ship zigzag operations. J. M. Ocker. 2,560,590, July 17.
Instrument for testing plane surfaces and rectilinear lines, Optical. B. E. A. M. Cuny. 2,549,669, Apr. 17.
Instrument for the adjustment and measuring of angles in machine tools. E. V. T. Jahrl. 2,579,449, Dec. 18.
Instrument for treating the male urethra. W. B. Keeling. 2,547,758, Apr. 3.
Instrument for use in aircraft, Airfield approach. M. H. C. Wells. 2,542,102, Feb. 20.
Instrument for use in connection with height gauges, Precision setting indicating and scribing. J. S. Minch. 2,562,935, Aug. 7.
Instrument for use in determining the stress in an electrodeposit. A. Brenner. 2,568,713, Sept. 25.
Instrument for use in leveling railways. S. A. Bowers. 2,564,461, Aug. 14.
Instrument for use in performing surgical eye operations. E. R. Crossley. 2,555,076, May 29.
Instrument for vocal amplifications, Musical. L. W. Kerner. 2,559,124, July 3.
Instrument, Framing. W. D. Smithson. 2,556,781, June 12.
Instrument, Great circle direction-keeping. O. E. Esval and W. Wrigley. 2,555,328, June 5.
Instrument, Great circle navigation. L. E. Gurney. 2,561,794, July 24.
Instrument, Gyroscopic. M. H. Johnson. 2,546,158, Mar. 27.
Instrument, Gyroscopic. J. P. Watson. 2,563,983, Aug. 14.
Instrument, Gyrostabilized sighting. T. W. Kenyon. 2,570,130, Oct. 2.
Instrument holder. S. H. Sherman. 2,559,739, July 10.
Instrument, Hyperbolic position-plotting. S. A. Goudsmit. 2,562,664, July 31.
Instrument illumination. R. J. Dames, Jr. 2,537,971, Jan. 16.
Instrument in the nature of a diaphragm inserter, Gynecologic. B. R. Fox. 2,548,962, Apr. 17.
Instrument, Insulation wire stripping and cutting. R. Gordon. 2,539,776, Jan. 30.
Instrument, Keyboard electric musical. M. Martenot. 2,562,471, July 31.
Instrument landing system. W. L. Barrow. 2,552,511, May 15.
Instrument, Lettering. O. A. Olson. 2,560,736, July 17.
Instrument, Long-scale electrical measuring. J. L. Zar. 2,572,556, Oct. 23.

Instrument, Loud speaking telephone. G. M. Giannini. 2,542,922, Feb. 20.
Instrument, Measuring. R. Kingsley. 2,552,324, May 8.
Instrument, Measuring. H. Schmoll. 2,541,891, Feb. 13.
Instrument, Measuring. E. B. Westerberg. 2,575,935, Nov. 20.
Instrument, Meteorological. W. K. Coburn. 2,554,440, May 22.
Instrument mounting mechanism. J. A. Caldwell. 2,562,260, July 31.
Instrument, Movable iron. A. E. Andersson. 2,536,526, Jan. 2.
Instrument, Multifaced stringed. W. F. Vitovsky. 2,550,176, Apr. 24.
Instrument, Multiple recording. W. P. Wills. 2,559,383, July 3.
Instrument, Musical. V. R. Kimple. 2,570,816, Oct. 9.
Instrument, Musical. J. A. Koehl. 2,562,670, July 31.
Instrument, Musical. M. J. Larsen. 2,545,665, Mar. 20.
Instrument, Musical. J. W. McBride. 2,574,880, Nov. 13.
Instrument, Musical. W. F. Meyers. 2,567,888, Sept. 11.
Instrument, Musical. W. L. Shirley. 2,572,207, Oct. 23.
Instrument, Navigation. C. Granqvist. 2,573,435, Oct. 30.
Instrument, Navigational. P. B. Larsen. 2,557,981, June 26.
Instrument, Navigational. H. F. McHose. 2,546,764, Mar. 27.
Instrument, Navigational. L. U. Picard. 2,562,241, July 31.
Instrument, Navigational. L. A. Warner. 2,545,935, Mar. 20.
Instrument of the xylophone type, Musical. H. Zimmerman. 2,540,925, Feb. 6.
Instrument, Orthoptic. F. C. Walraven. 2,545,180, Mar. 13.
Instrument panel for accommodating changeable arrays of instruments. S. A. Walton. 2,538,489, Jan. 16.
Instrument panel switch. J. R. Ferguson. 2,546,943, Mar. 27.
Instrument, Percussion musical. C. W. Percy. 2,548,271, Apr. 10.
Instrument, Photoelectric musical. R. E. Campbell. 2,559,276, July 3.
Instrument, Photometric comparator. R. S. Hunter. 2,546,450, Mar. 27.
Instrument, Pressure sensitive moisture test. E. S. Hall, J. N. Smith, and M. L. McBrayer. 2,579,316, Dec. 18.
Instrument, Pulsed distance measuring. A. F. Hasbrook. 2,560,289, July 10.
Instrument, Radiation detection. W. A. Hopkins and H. W. Gilbert. 2,578,703, Dec. 18.
Instrument responsive to yaw and angle of attack, Aircraft. J. H. Geisse. 2,556,873, June 12.
Instrument, Skin graft. E. S. and D. E. Barker. 2,579,029, Dec. 18.
Instrument, Solar navigating. E. H. Wenberg. 2,560,618, July 17.
Instrument, Spectacle temple measuring. R. S. Loveridge. 2,577,533, Dec. 4.
Instrument, Stereoscopic plotting. J. S. Beazley. 2,555,106, May 29.
Instrument, Strain gauge measurement. L. D. Statham and C. J. Baker. 2,573,286, Oct. 30.
Instrument, Strain measuring. W. A. Sourwine. 2,544,400, Mar. 6.
Instrument, String. O. E. Wolff. 2,558,893, July 3.
Instrument, Stringed musical. J. W. McBride. 2,549,914, Apr. 24.
Instrument, Stringed musical. J. W. McBride. 2,574,881, Nov. 13.
Instrument, Supervisory measuring. W. E. Belcher, Jr. 2,564,294, Aug. 14.
Instrument support. W. Sandager, Jr. 2,551,971, May 8.
Instrument, Surgical. J. E. Held. 2,541,246, Feb. 13.
Instrument, Surgical. R. J. Tapke. 2,536,145, Jan. 2.
Instrument, Surgical sawing. J. D. Karle. 2,547,707, Apr. 3.
Instrument, Surveying. H. Schuett. 2,549,244, Apr. 17.
Instrument, Suturing. A. Kohl. 2,579,192, Dec. 18.
Instrument, Temperature compensated moving coil. H. J. Lovegrove and M. G. McBride. 2,572,639, Oct. 23.
Instrument, Temperature-compensated, phase-corrected thermal. A. J. Petzinger. 2,573,929, Nov. 6.
Instrument, Tension measuring. D. W. Keef and R. C. Borger. 2,565,970, Aug. 28.
Instrument, Trigonometric. L. W. Högberg. 2,571,038, Oct. 9.
Instrument using pressure sensitive chamber, Measuring. H. Castel and C. Picardel. 2,565,472, Aug. 28.
Instrument, Weld testing. R. S. Roberts. 2,545,309, Mar. 13.
Instrument, Well surveying. R. Ring. 2,559,373, July 3.
Instrument, Wind musical. J. Somerville. 2,536,667, Jan. 2.
Instrument with hanger. A. D. Rose and B. Willach. 2,563,749, Aug. 7.
Instrument with polarized core, Expanded scale direct current measuring. R. M. Rowell. 2,547,665, Apr. 3.
Instrument with vibratory string, Electrical musical. C. Martin. 2,568,862, Sept. 25.
Instrument, Woodwind. H. W. Loney. 2,555,980, June 5.
Instrument, Writing. C. M. F. Bolvin and M. J. Lavet. 2,536,124, Jan. 2.
Instrument, Writing. I. Chesler. 2,573,691, Nov. 6.
Instrument, Writing. H. R. Fehling. 2,536,924, Jan. 2.
Instrument, Writing. H. R. Fehling. 2,564,755, Aug. 21.
Instrument, Writing. H. L. Fischer. 2,565,601, Aug. 28.
Instrument, Writing. H. N. Hagel. 2,574,561, Nov. 13.
Instrument, Writing. R. J. Mansheim. 2,557,054, June 12.
Instrument, Writing. J. C. Wahl. 2,552,506, May 8.
Instrument, Writing. N. Zepelovitch. 2,559,555, July 3.
Insufflator. F. P. C. Davis. 2,570,774, Oct. 9.
Insufflator. H. L. Gardner. 2,579,113, Dec. 18.
Insulated container. F. Friedman. 2,555,538, June 5.
Insulated container. J. L. Hemp. 2,564,843, Aug. 21.
Insulated electric conductors, Manufacture of. J. Taylor, T. L. Osborne, and E. Tunnicliff. 2,565,634, Aug. 28.
Insulated electrical conductor. P. Robinson and P. H. Netherwood. 2,576,045, Nov. 20.
Insulated extension clip-on test prod. V. Lannou. 2,574,043, Nov. 6.
Insulated posting tray cabinet. J. H. Page. 2,569,254, Sept. 25.
Insulated union nipple. C. D. Peterson. 2,569,333, Sept. 25.
Insulating and joint filler material. R. E. Huggins. 2,563,115, Aug. 7.
Insulating and potting composition, Electrical. P. J. Franklin. 2,537,983, Jan. 16.
Insulating composition, Fungicidal. H. E. Smith. 2,556,451, June 12.
Insulating compositions for laminations and product produced therewith. C. C. Horstman and F. J. Nagel. 2,554,250, May 22.
Insulating covering. F. H. Brunnzell. 2,575,941, Nov. 20.
Insulating fabric. J. L. Tucker. 2,561,891, July 24.
Insulating finishing cements. M. C. Randall and G. S. Gethen. 2,574,843, Nov. 13.
Insulating head for electric cables under high pressure. G. Pouzet. 2,540,909, Feb. 6.
Insulating material. P. S. Denning. 2,538,236, Jan. 16.
Insulating material. F. T. Gorski. 2,550,465, Apr. 24.
Insulating material and forming the same. H. L. Lyon and J. R. Boeker. 2,566,619, Sept. 4.
Insulating material, Electrical. D. A. Howes and S. R. Pethrick. 2,554,461, May 22.
Insulating material, Electrical. A. Rheiner and W Hagenbuch. 2,577,715, Dec. 4.
Insulating material of high dielectric strength, Self-sealing. H. E. Selby. 2,569,540, Oct. 2.
Insulating materials, Electrical. P. P. Peyrot and L. J. Dumoulin. 2,559,791, July 10.
Insulating mounting support strip, Electrically. H. P. Yates. 2,553,287, May 15.
Insulating refrigerators and the like, Method and apparatus for. L. M. Hedges. 2,559,356, July 3.
Insulating side wall for tanks. O. A. Mechlin. 2,551,275, May 1.
Insulating splice protector. J. J. Sigman. 2,571,771, Oct. 16.
Insulation. R. F. Hlavaty. 2,540,331, Feb. 6.
Insulation and load supervisory system. F. B. L. Hain. 2,546,443, Mar. 27.
Insulation board. H. R. Anderson. 2,565,340, Aug. 21.
Insulation composition of resin-impregnated glass wool briquettes and feathers. N. B. Edelman. 2,579,035, Dec. 18.
Insulation comprising polyethylene, polyisobutylene, isobutylene-diolefin copolymer, and lubricant, Electrical. H. E. Selby. 2,569,541, Oct. 2.
Insulation cutter. J. F. Costelow. 2,561,099, July 17.
Insulation device. J. Rose. 2,578,599–600, Dec. 11.
Insulation embodied ballast unit. T. S. Björklund. 2,572,590, Oct. 23.
Insulation, filling, and packing. N. B. Edelman. 2,579,036, Dec. 18.
Insulation of catalyst chambers. A. R. Rehrig. 2,545,384, Mar. 13.
Insulation of generator windings. G. L. Moses. 2,573,670, Oct. 30.
Insulation of vessels, Internal. E. Strunk. 2,538,059, Jan. 16.
Insulation removal apparatus. R. F. Sickles. 2,539,526, Jan. 30.
Insulation tester, Micrometric. A. C. Hugin. 2,545,782, Mar. 20.
Insulation testing apparatus and method, Sleeping bag. R. A. Butland. 2,539,399, Jan. 30.
Insulation testing device. D. E. Stearns. 2,558,883, July 3.
Insulator. H. J. Crabbs. 2,549,292, Apr. 17.
Insulator and spacer, Concentric pipe. D. H. Bond. 2,551,867, May 8.
Insulator and support for electrically charged fence wires. O. W. Tuepker. 2,537,719, Jan. 9.
Insulator assembly. R. Patterson. 2,565,698, Aug. 28.
Insulator bracket. I. H. Johnson. 2,538,523, Jan. 16.
Insulator bushing assembly. A. Van Ryan. 2,564,181, Aug. 14.
Insulator for coils. E. V. Schneider. 2,559,803, July 10.
Insulator for pile-up switches C. Lomholt. 2,565,508, Aug. 28.

Insulator for spark plugs, Ceramic. H. G. Schurecht. 2,577,369, Dec. 4.
Insulator, Heat dissipating handle. L. J. Turek. 2,540,306, Feb. 6.
Insulator, Quick-detachable. W. A. Lewis. 2,559,218, July 3.
Insulator shield. W. L. Meier. 2,550,367, Apr. 24.
Insulator support. C. Homann. 2,561,311, July 17.
Integral finned tube. W. P. Hill. 2,562,785, July 31.
Integral roof sheet and hatch frame. A. L. Thompson. 2,565,706, Aug. 28.
Integrating apparatus. R. W. Gilbert. 2,575,951, Nov. 20.
Integrating apparatus, Electric current. R. H. Dicke. 2,567,276, Sept. 11.
Integrating circuit. J. J. Okrent. 2,567,574, Sept. 11.
Integrating counter circuit. E. R. Shenk and A. E. Canfora. 2,549,022, Apr. 17.
Integration device for radioactivity measurements. A. Wolf. 2,540,310, Feb. 6.
Intensifier. M. A. Crosby. 2,550,405, Apr. 24.
Intensifier for the application of power. E. A. Rockwell. 2,564,582, Aug. 14.
Intensive aftertreatment of synthetic threads. F. A. J. van Hall and D. R. Barcelo. 2,539,980, Jan. 30.
Intercepting liquid refrigerant. J. C. McBroom. 2,570,962, Oct. 9.
Intercepting the escape of ash to the atmosphere. E. C. Addison. 2,545,537, Mar. 20.
Interchangeable electric switch. W. G. Furnas. 2,562,420, July 31.
Interchangeable lens frame. H. C. Lindemann and E. L. Pearson. 2,551,144, May 1.
Interchangeable replacement seat cover. W. L. Webster. 2,567,913, Sept. 11.
Interchangeable type carrier. W. J. Zenner. 2,577,064, Dec. 4.
Interchanging cores in wire ropes. C. F. Hansen. 2,552,673, May 15.
Intercommunicating system, Three-dimensional. A. M. Marks. 2,543,793, Mar. 6.
Intercommunication and signal system, Executive's and secretary's trunk connective. R. F. Stehlik. 2,549,719, Apr. 17.
Intercommunication apparatus. R. H. Campbell. 2,547,854, Apr. 3.
Intercommunication system. F. Pedatella. 2,561,946, July 24.
Intercommunication system, Two-way loud-speaker. J. Levy. 2,545,477, Mar. 20.
Intercommunication telephone system. A. E. Adler. 2,565,192, Aug. 21.
Intercommunication telephone system. L. V. Marks and D. W. Briscomb. 2,559,778, July 10.
Interconnecting means for control devices. R. H. Winckler. 2,550,314, Apr. 24.
Interconnecting radio and telephone systems. O. J. Allen. 2,564,660, Aug. 21.
Interconnection system. J. K. Brown. 2,564,151, Aug. 14.
Intercooler and control system for turbo power plants. N. C. Price. 2,575,683, Nov. 20.
Intercooler, Refrigerant cooled. A. H. King. 2,571,256, Oct. 16.
Interdigital magnetron. H. J. McCarthy. 2,565,387, Aug. 21.
Interference device for evaluating interference phenomena over a large region. T. W. Zobel. 2,555,387, June 5.
Interference reducing circuit. A. Miller. 2,540,954, Feb. 6.
Interference reducing impulse amplitude detector. M. G. Crosby. 2,540,512, Feb. 6.
Interference reducing radio impulse receiver. C. W. Earp. Re. 23,440, Dec. 18.
Interference suppression in radio signaling systems. L. E. Thompson. 2,579,882, Dec. 25.
Interferometer device having a permanently positioned interference pattern viewing screen. R. M. Drake, Jr. 2,570,219, Oct. 9.
Interferometer system, Piezoelectric. R. K. Blackburn. 2,536,025, Jan. 2.
Interferometer with right-angle reflector surfaces at end of each divided beam. E. R. Peck. 2,571,937, Oct. 16.
Interlock for calculating machines, Keyboard. F. A. Niemann. 2,570,068, Oct. 2.
Interlock for double walled folding boxes, Glueless. R. B. Meller. 2,536,384, Jan. 2.
Interlock, Mechanical. J. W. Woolf and J. D. Russell. 2,568,103, Sept. 18.
Interlocked generator circuit. E. M. Jones. 2,555,038, May 29.
Interlocking control mechanism for a washing machine having an agitator and a pump. P. E. Geldhof and L. Ringer. 2,540,724, Feb. 6.
Interlocking filing case. H. W. Regenhardt. 2,573,602, Oct. 30.
Interlocking mechanism for gasoline dispensing pumps. G. E. Chevallier. 2,571,200, Oct. 16.
Interlocking mechanism for metal enclosed switchgears. G. L. Claybourn and P. Kocsis, Jr. 2,558,074, June 26.
Interlocking nut. F. L. McLaughlin and B. F. Kiesel. 2,555,093, May 29.
Interlocking phonograph turntable cover. H. H. Mueller. 2,559,786, July 10.
Intermediate derivatives of certain carboxyl-containing xylene-soluble resins. M. De Groote and B. Keiser. 2,571,121, Oct. 16.
Intermediate products and the preparation thereof. M. S. Newman. 2,555,601, June 5.
Intermediate speed gear synchronizer. J. S. Voigt. 2,556,860, June 12.
Intermediates and process useful in the production of bis-dehydrodoisynolic acid. W. S. Johnson and R. P. Graber. 2,574,396, Nov. 6.
Intermittent actuated vacuum bag filling machine for fibrous material. M. Goldberg. 2,564,969, Aug. 21.
Intermittent drive with oscillating lever reset and electromagnetic release. E. G. Henry. 2,536,744, Jan. 2.
Intermittent film advancing mechanism utilizing air pressure. A. V. Bedford and R. C. Ballard. 2,560,918, July 17.
Intermittent film advancing mechanism utilizing air pressure. A. V. Bedford. 2,560,919, July 17.
Intermittent motion mechanism. A. J. Vasselli. 2,540,224, Feb. 6.
Intermittent movement. E. G. Mercier and A. F. Hayek. 2,559,509, July 3.
Intermittent movement mechanism. T. F. Harvey. 2,542,515, Feb. 20.
Intermittent movement with improved claw action. G. A. Mitchell. 2,569,487, Oct. 2.
Intermittent power supply system. A. Segal. 2,578,846, Dec. 18.
Intermittent translational device. C. A. Rockwell. 2,579,092, Dec. 18.
Intermittent transport mechanism for photographic film and the like. I. W. Akers. 2,577,175, Dec. 4.
Intermittently actuated mechanism. T. H. Ljunggren and F. A. Johnson. 2,542,821, Feb. 20.
Internal collapsible chuck. S. L. Casella. 2,559,942, July 10.
Internal-combustion engine. R. C. Aland. 2,562,404, July 31.
Internal-combustion engine. F. Alward. 2,537,117, Jan. 9.
Internal-combustion engine. L. L. Chiville, Jr. 2,564,052, Aug. 14.
Internal-combustion engine. W. Drabold. 2,565,068, Aug. 21.
Internal-combustion engine. O. G. and C. L. Erickson. 2,545,946, Mar. 20.
Internal-combustion engine. H. R. Fehling and G. Friedlander. 2,555,029, May 29.
Internal-combustion engine. F. J. Fette. 2,558,349, June 26.
Internal-combustion engine. T. J. Gill, Jr. 2,552,006, May 8.
Internal-combustion engine. F. C. Hammick. 2,565,368, Aug. 21.
Internal-combustion engine. J. O. Hendrickson. 2,540,260, Feb. 6.
Internal-combustion engine. E. C. Kiekhaefer. 2,549,478, Apr. 17.
Internal-combustion engine. E. C. Kiekhaefer. 2,549,482, Apr. 17.
Internal-combustion engine. G. J. Lugt. 2,575,633, Nov. 20.
Internal-combustion engine. M. Mallory. 2,541,594, Feb. 13.
Internal-combustion engine. M. Mallory. 2,544,605, Mar. 6.
Internal-combustion engine. O. O. Oaks. 2,537,694, Jan. 9.
Internal-combustion engine. J. W. Ornell. 2,561,590, July 24.
Internal-combustion engine. J. C. Perry. 2,574,934, Nov. 13.
Internal-combustion engine. D. R. Pobjoy. 2,554,921, May 29.
Internal-combustion engine. C. T. Rhodes. 2,561,674, July 24.
Internal-combustion engine carburetion system. L. E. Perrine. 2,576,475, Nov. 27.
Internal-combustion engine piston. R. Huber and P. V. Félix. 2,569,103, Sept. 25.
Internal-combustion engine piston lubrication. H. S. Benjamin and H. R. De Harte. 2,570,424, Oct. 9.
Internal-combustion engine valve. W. C. Clarke, Jr. 2,557,862, June 19.
Internal-combustion engine variable combustion chamber. F. D. Butler. 2,573,688, Nov. 6.
Internal-combustion engine variable combustion chamber. F. D. Butler. 2,573,689, Nov. 6.
Internal-combustion motor. M. S. Mead. 2,564,913, Aug. 21.
Internal-combustion percussion tool. C. S. Weyandt. 2,551,988, May 8.
Internal-combustion percussive tool. C. A. Hirschberg. 2,545,999, Mar. 20.
Internal-combustion rammer. V. W. Breitenstein and E. R. Boddinghouse. 2,561,093, July 17.
Internal-combustion turbine power plant. A. R. Howell. 2,540,526, Feb. 6.
Internal-expanding shoe brake. B. E. House. 2,544,030, Mar. 6.

Internal gas burner. J. G. Crosby. 2,552,845, May 15.
Internal gas burner. A. A. Furczyk. 2,561,194, July 17.
Internal gas burner. F. O. Hess. 2,561,200, July 17.
Internal gauge. K. J. Soukup and J. H. Brady. 2,557,702, June 19.
Internal grinding fixture support. H. C. Weimar. 2,554,651, May 29.
Internal grooving and reaming tool. B. B. Bowren. 2,545,443, Mar. 20.
Internal insulation of vessels. A. R. Rehrig and E. Strunk. 2,551,160, May 1.
Internal pipe cutter, R. F. Glore and K. H. Schunke, 2,572,611, Oct. 23.
Internal screw-thread concentricity indicator. A. R. Prais. 2,547,774, Apr. 3.
Internal thread gauge. H. M. Orr. 2,578,261, Dec. 11.
Internal tube puller. G. Edwards. 2,563,675, Aug. 7.
Internally applied expanding friction-grip wrench. R. R. Gossard. 2,573,327, Oct. 30.
Internally applied, expanding, pivoted jaw wrench. O. T. Schupbach. 2,542,713, Feb. 20.
Internally expanding brake. E. R. Ross. 2,576,538, Nov. 27.
Internally expanding brake. E. R. Ross. 2,578,152, Dec. 11.
Internally lined and insulated chamber. R. B. Collins. 2,545,686, Mar. 20.
Interpolymer formed from monovinylaromatic polymer, drying oil or acid, polyhydric alcohol, and polybasic acid. E. G. Bobalek. 2,549,767, Apr. 24.
Interpolymerization. P. O. Tawney. 2,576,370, Nov. 27.
Interpolymerization of styrene and frosting drying oil in presence of monocyclic alpha-terpene. L. E. Wakeford and D. H. Hewitt. 2,567,137, Sept. 4.
Interpolymerization of vinyl aromatic compound and oil-modified alkyd in the presence of sulfur. W. T. C. Hammond. 2,563,784, Aug. 7.
Interpolymers. P. O. Tawney. 2,576,245, Nov. 20.
Interpolymers of an alkyl acrylate, a haloalkyl vinyl compound, and a divinyl aryl hydrocarbon. J. H. Powell, Jr. 2,568,659, Sept. 18.
Interpolymers of an alkyl acrylate, an aromatic monoolefin, and a vinyl ester of an aromatic monocarboxylic acid. R. J. Wolf. 2,548,186, Apr. 10.
Interpolymers of castor-oil maleate. P. O. Tawney. 2,551,352–3, May 1.
Interpolymers of isobutene and acrylonitrile. K. C. Eberly and R. J. Reid. 2,537,626, Jan. 9.
Interpolymers of mono-2-alkenyl ethers of saturated monohydric alcohols or phenols with esters of saturated monohydric alcohols or phenols and alpha-unsaturated aliphatic carboxylic acids. P. O. Tawney. 2,579,079, Dec. 18.
Interpolymers of polyolefinic 2-alkenyl olefinic alcohol esters with crotonaldehyde. P. O. Tawney. 2,560,495, July 10.
Interpolymers of unsaturated nitriles. M. Naps and F. E. Condo. 2,576,075, Nov. 20.
Interpolymers of unsaturated nitriles. M. Naps and F. E. Condo. 2,579,008, Dec. 18.
Interpolymers of vinyl chloride, higher alkyl acrylate, and vinylidene chloride, Inherently processable. G. W. Smith. 2,563,079, Aug. 7.
Interpolymers of vinyl chloride, vinyl-aromatic ester, and higher alkyl acrylate, Inherently processable. R. J. Wolf. 2,570,900, Oct. 9.
Interrupted thread type slidable jaw wrench. O. W. Tuepker. 2,538,176, Jan. 16.
Interrupter for electric breakers, Liquid blast. C. J. Balentine. 2,539,175, Jan. 23.
Interrupter for offset printing presses, Sheet controlled. R. Aberle. 2,542,073, Feb. 20.
Interval guard. C. H. Hoeppner and C. H. Smith, Jr. 2,577,762, Dec. 11.
Intervalometer. A. A. Walsh and G. C. Peers. 2,553,223, May 15.
Intraoral cassette. J. B. Goldsmith. 2,562,453, July 31.
Introducing coils of metal strip to processing lines, Method and apparatus for. A. Teplitz. 2,561,543, July 24.
Introducing vibrato effects into sound. H. M. Leonard. 2,565,033, Aug. 21.
Introduction of magnesium into molten iron. L. R. Zifferer. 2,577,837, Dec. 11.
Inulin, Preparation of. J. F. Marchand. 2,555,356, June 5.
Invalid chair. T. Puddester. 2,537,909, Jan. 9.
Invalid's chair. C. Martonicz. 2,544,850, Mar. 13.
Inventory control device for fuel dispensing devices. E. R. Eichner. 2,577,115, Dec. 4.
Inventory manifolding assembly. K. R. St. John. 2,543,944, Mar. 6.
Inverse method of forming particulate coated sheets. B. S. Cross and G. P. Netherly. 2,567,186, Sept. 11.
Inverter. D. J. Smith. 2,575,600, Nov. 20.
Inverter tube protective device. J. N. Heed. 2,549,807, Apr. 24.
Investment material. C. L. Dimmer. 2,551,932, May 8.
Invisibly hinged handbag frame. B. M. Stregack. 2,578,612, Dec. 11.
Iodinated amino benzoylamino alkanoic-acids, Preparing. S. Archer. 2,571,515, Oct. 16.
Ion collector for mass spectrometers. A. O. C. Nier. 2,544,718, Mar. 13.
Ion controller. W. W. Hicks. 2,576,399, Nov. 27.
Ion exchange material and use thereof. E. L. and L. E. Holmes. 2,575,518, Nov. 20.
Ion exchange resins and treating a solution of an acid in a liquid ionizing medium to remove anions. W. C. Bauman and G. B. Heusted. 2,546,938, Mar. 27.
Ion gauge. S. Bashkin. 2,548,283, Apr. 10.
Ion source. F. S. Stein, J. E. Binns, C. R. A. Rice, and S. Bashkin. 2,563,626, Aug. 7.
Ion trap. N. D. Glyptis. 2,555,850, June 5.
Ion trap. M. R. Heppner. 2,542,924, Feb. 20.
Ion trap. G. J. Mucher. 2,575,067, Nov. 13.
Ion trap and centering magnet assembly. P. A. Smith and L. Hopps. 2,553,792, May 22.
Ion trap magnet. I. E. Lempert. 2,580,355, Dec. 25.
Ion trap magnet. W. J. Ostreicher. 2,539,156, Jan. 23.
Ion vacuum gauge. S. M. MacNeille. 2,537,775, Jan. 9.
Ionization and vacuum tube chamber. J. A. Victoreen. 2,574,000, Nov. 6.
Ionization chamber. J. A. Victoreen. 2,573,999, Nov. 6.
Ionization gauge. E. R. Beringer. 2,576,330, Nov. 27.
Ionizing device for electrical precipitators. H. Klemperer. 2,542,035, Feb. 20.
Iris protection apparatus for high-intensity spotlights. J. Kliegl. 2,558,964, July 3.
Iron: *See*—

- Automatic soldering iron.
- Coin-operated electric iron.
- Electric automatic soldering iron.
- Electric iron.
- Electric soldering iron.
- Electric steam iron.
- Folding electric steam iron.
- Gray cast iron.
- Magnesium-treated malleable iron.
- Magnetic electric iron.
- Small soldering iron.
- Soldering iron.
- Steam generating electric iron.
- Steam iron.
- Swivel chair iron.
- Tilting iron.
- Transfer iron.
- Waffle iron.

Iron and support therefor, Soldering. C. R. Woltz. 2,550,748, May 1.
Iron castings, Manufacture of. H. Morrogh and A. G. Gardner. 2,536,204, Jan. 2.
Iron catalyst for hydrocarbon synthesis, Production of an. R. G. Morbeck. 2,580,039, Dec. 25.
Iron choline citrates and preparing the same. F. J. Bandelin. 2,575,611, Nov. 20.
Iron core, Powdered H. T. Faus. 2,563,520, Aug. 7.
Iron cord support. A. G. Ten Eyck. 2,543,613, Feb. 27.
Iron from blackband ore, Making silvery. T. F. Baily. 2,536,020, Jan. 2.
Iron oxide coatings, Producing insulating. P. L. Schmidt and L. R. Hill. 2,543,710, Feb. 27.
Iron oxide-magnesium chromate catalyst, Preparation of an. K. D. Ashley and W. B. Innes. 2,567,140, Sept. 4.
Iron oxide manufacture. R. C. Johnson and S. B. Bauman. 2,541,068, Feb. 13.
Iron oxide pigments, Powdered transparent. G. C. Marcot, W. J. Cauwenberg, and S. A. Lamanna. 2,558,302, June 26.
Iron oxide pigments, Production of. G. C. Marcot, W. J. Cauwenberg, and S. A. Lamanna. 2,558,303–4, June 26.
Iron oxide reduction. M. Benedict, J. B. Wagstaff, and G. B. Webb. 2,577,730, Dec. 11.
Iron plate, Producing brittle. H. V. Trask. 2,538,991, Jan. 23.
Iron powder dispenser. C. R. Upham. 2,572,078, Oct. 23.
Iron precipitator. F. J. Stover. 2,543,813, Mar. 6.
Iron products, Electrolytically deposited. H. V. Trask. 2,538,992, Jan. 23.
Iron with boron and bismuth, Malleable. H. A. Eckman and H. W. Maack. 2,579,452, Dec. 25.
Iron with signaling means, Electric. E. A. Weiland. 2,566,270, Aug. 28.
Ironer. C. E. Morgenstern. 2,540,749, Feb. 6.
Ironer apparatus. G. H. Burt. 2,575,744, Nov. 20.
Ironer permitting removal of work at input end. W. R. Kahl. 2,568,451, Sept. 18.
Ironer with pressure adjustment. J. J. Getgey. 2,548,152, Apr. 10.
Ironer with self-actuating clutch, Reversible motor controlled portable. A. H. Davis, T. Harris, and E. C. Swilik. 2,538,617, Jan. 16.
Ironing board. H. Adamec. 2,539,804, Jan. 30.
Ironing board. P. F. Dahlstrom. 2,560,849, July 17.
Ironing board. J. L. Thatcher. 2,549,723, Apr. 17.
Ironing board and clamp, Combined. V. F. Baker. 2,571,518, Oct. 16.
Ironing board and ironing board supporting means, Combined. J. F. Roesel. 2,568,970, Sept. 25.
Ironing board and support therefor, Combination. A. P. Lantz. 2,552,049, May 8.
Ironing board assembly, Foldable. J. E. and E. C. Loar. 2,565,436, Aug. 21.
Ironing board attachment. B. Hedges. 2,554,983, May 29.
Ironing board cover and iron pad, Combined. F. Galbraith. 2,565,302, Aug. 21.
Ironing board equipment. J. E. Fitpold. 2,558,350, June 26.

Ironing board having fastening means. A. P. Lantz. 2,542,037, Feb. 20.
Ironing board height adjuster. J. J. Mrofka. 2,578,826, Dec. 18.
Ironing board stand attachment. S. A. Schlags. 2,574,194, Nov. 6.
Ironing board with clothes rack. W. D. Pollard. 2,572,883, Oct. 30.
Ironing board with foldable legs and a sleeveboard attachment. J. A. Ludlow. 2,559,887, July 10.
Ironing cord holder. J. A. Snodgrass. 2,549,717, Apr. 17.
Ironing device carrying reversible pressing cloth. S. G. Shapiro. 2,559,550, July 3.
Ironing head drive. C. C. Scheele. 2,568,514, Sept. 18.
Ironing machine, Cuff. W. S. Costello. 2,561,463, July 24.
Ironing machine, Handkerchief. E. E. Foster. 2,544,662, Mar. 13.
Ironing machine, Multiple. J. H. Leef. 2,556,477, June 12.
Ironing machine with friction drive, Portable domestic. F. M. Freis. 2,578,928, Dec. 18.
Ironing pad cover. H. Glatt. 2,570,110, Oct. 2.
Ironing table. J. J. Napoleon. 2,566,740, Sept. 4.
Irradiating apparatus. A. Eiklid. 2,551,319, May 1.
Irradiator for confined areas, Therapeutic. G. H. Hansen, G. J. Schroer, and R. T. Manley. 2,538,685, Jan. 16.
Irrigating apparatus, Pressure type. J. V. Cariffe. 2,566,823, Sept. 4.
Irrigating device for growing plants. J. Cienfuegos, Jr. 2,556,522, June 12.
Irrigating machine. W. L. Frampton. 2,574,634, Nov. 13.
Irrigation and drainage pump. F. P. Morgan. 2,559,785, July 10.
Irrigation control valve. R. W. Harris. 2,539,076, Jan. 23.
Irrigation device. J. K. Null. 2,562,328, July 31.
Irrigation line, Self-draining. W. H. Stout. 2,561,296, July 17.
Irrigation machine, Self-propelled. J. G. Liboiron. 2,570,573, Oct. 9.
Irrigation system, Subsurface. N. A. MacLeod. 2,536,196, Jan. 2.
Isobutylene-p-chloro-styrene-styrene tripolymer. J. D. Garber. 2,557,094, June 19.
Isocon pickup tube. P. K. Weimer. 2,579,351, Dec. 18.
Isocyanurate, Preparing an. D. W. Kaiser and D. H-H. Church. 2,536,849, Jan. 2.
Isolating betaine from guayule extract. T. F. Banigan, Jr., J. W. Meeks, and R. W. Planck. 2,549,763, Apr. 24.
Isolating device. S. R. Smith, Jr. 2,575,931, Nov. 20.
Isolating lupulon from hop resin. H. D. Michener, N. Snell, and E. F. Jansen. 2,562,934, Aug. 7.
Isolating quercitrin from peanut hulls. S. H. Wender. 2,557,164, June 19.
Isolation of an organic sulfur compound from asparagus. E. F. Jansen. 2,559,625, July 10.
Isolation of bacterial mutants. B. D. Davis. 2,571,115, Oct. 16.
Isolation of enzymes from aqueous solutions with lignin and gelatin and product obtained thereby. R. T. Alba. 2,547,429, Apr. 3.
Isolation of hyodesoxycholic acid. E. B. Trickey. 2,547,726, Apr. 3.
Isolation of penicillin. L. Goldman. 2,547,640, Apr. 3.
Isolation of polyvinyl chloride. P. Halbig. 2,550,996, May 1.
Isolation of proteins. S. B. Henning. 2,540,669, Feb. 6.
Isolation of sterols. W. Lange and R. G. Folzenlogen. 2,573,265, Oct. 30.
Isolator for lightning arresters, Resistor type. O. H. Kaminky. 2,548,112, Apr. 10.
Isolator for lightning arresters, Resistor type of. H. O. Stoelting and J. F. Kuzela. 2,551,858, May 8.
Isolator unit, Nondirectional. P. C. Efromson, J. A. Dickie, and R. C. Lewis. 2,538,954, Jan. 23.
Isolator unit, Nondirectional. P. C. Efromson and R. C. Lewis. 2,538,955, Jan. 23.
Isomerization of hydrocarbons. H. R. Legatski. 2,562,926, Aug. 7.
Isomerization of olefins. V. N. Ipatieff and G. S. Monroe. 2,538,248, Jan. 16.
Isomerization of olefins. R. E. Schaad. 2,537,283, Jan. 9.
Isomerization of olefins with boron ortho phosphate catalyst. D. McNeil and P. W. Reynolds. 2,554,202, May 22.
Isomerization of phenols. J. E. Nickels. 2,551,628, May 8.
Isomerization of saturated hydrocarbons with mixed acid catalysts. A. K. Roebuck and B. L. Evering. 2,564,080, Aug. 14.
Isomerization of 2,4,4-trimethylpentene-2. B. E. Hudson, Jr. 2,554,251, May 22.
Isomerization of xylenes. C. S. Bennett and W. A. Bailey, Jr. 2,564,388, Aug. 14.
Isomers of methyl pentaacetyldihydrostreptobiosaminide, Preparing. N. G. Brink and K. Folkers. 2,540,243, Feb. 6.
Isoprene by dehydration of 1-methoxy, 3-methyl, butene-3, Preparing. M. Séon and I. Raitzyn. 2,561,483, July 24.
Isopropenylbiphenyl copolymers. D. T. Mowry and R. B. Seymour. 2,544,393, Mar. 6.
Isothermal food and liquid carrier. G. P. De Oliveira. 2,543,524, Feb. 27.
Isotope concentration process. A. V. Grosse and A. F. Reid. 2,559,152, July 3.
Jack: *See*—
Air jack.
Auto jack.
Automobile jack.
Bumper jack.
Carbon rod jack.
Draft gear jack.
Fluid jack.
Hitch jack.
Hydraulic automobile jack.
Hydraulic bumper jack.
Hydraulic internal locking jack.
Hydraulic jack.
Hydraulic pumping jack.
Hydraulic screw jack.
Hydraulic wheel jack.
Ladder jack.
Lifting jack.
Mechanical folding jack.
Mechanical jack.
Mobile jack.
Portable jack.
Portable lifting jack.
Portable or stationary multiple air jack.
Pump jack.
Rigid handle axle jack.
Scissor-type bumper jack.
Tail wheel jack.
Tire and wheel jack.
Tire jack.
Toy jack.
Two-speed hydraulic jack.
Vehicle bumper jack.
Vehicle jack.
Wheel-lifting jack.
Wheeled bumper jack.
Jack. T. D. Ensey and M. Simmons. 2,575,659, Nov. 20.
Jack. H. H. Hodgin. 2,554,494, May 29.
Jack. M. W. Humphreys. 2,560,797, July 17.
Jack. E. J. Lord. 2,537,839, Jan. 9.
Jack. H. W. Voigt. 2,558,401, June 26.
Jack and cover, Automobile. R. D. Collins. 2,551,929, May 8.
Jack attachment unit, Bumper. B. J. Chapman. 2,548,944, Apr. 17.
Jack construction, Lifting. L. Schweitzer. 2,573,877, Nov. 6.
Jack converter attachment. L. H. Hughes. 2,536,550, Jan. 2.
Jack for hand trucks, Lifting. W. Albin. 2,558,330, June 26.
Jack for motor vehicles, Attached raising. E. Gassman. 2,550,239, Apr. 24.
Jack for shoe machines, Hydraulic. F. R. Thresh. 2,541,132, Feb. 13.
Jack for tractors. J. M. Chambers. 2,555,471, June 5.
Jack for truck docks, Stabilizing. J. J. French. 2,565,072, Aug. 21.
Jack for vehicles, Screw type. C. B. Woodworth. 2,536,972, Jan. 2.
Jack head for flat knitting machines. A. J. Cobert. 2,579,649, Dec. 25.
Jack kit. H. J. A. Runsdorf. 2,567,680, Sept. 11.
Jack lever, Jointed hydraulic. J. A. Belinkin. 2,563,912, Aug. 14.
Jack mechanism, Lifting. J. J. Wrenn. 2,545,403, Mar. 13.
Jack positioning device. E. J. Leary. 2,553,196, May 15.
Jack structure. J. G. Farkas. 2,565,805, Aug. 28.
Jack system, Selective vehicle. F. L. Leathermon. 2,538,205, Jan. 16.
Jack with bladder motor. R. Carnahan. 2,577,874, Dec. 11.
Jacking device, Vehicle. F. J. Erjavec. 2,570,334, Oct. 9.
Jacket, Convertible. V. Bagnato. 2,542,300, Feb. 20.
Jacket crown and fitting same, Preformed and preshaded. A. M. Lankford, D. G. Russell, and R. W. Whitney. 2,537,142, Jan. 9.
Jacket for ice-cream cones and manufacture. Sanitary. C. C. Huitt and W. L. Parrott. 2,557,602, June 19.
Jacket, Golf bag. W. S. Alter and H. N. Bancroft. 2,546,416, Mar. 27.
Jacket, Life preserver. M. J. Shaw. 2,563,966, Aug. 14.
Jacket, Paintbrush. A. F. Weisser. 2,562,482, July 31.
Jacket, Safety bathing. C. H. Austin. 2,569,742, Oct. 2.
Jacket, Security. M. Godbout. 2,536,363, Jan. 2.
Jacketing, particularly for packets of disposable tissues. G. S. Montgomery. 2,574,345, Nov. 6.
Jade and making same, Artificial. H. J. Kahn. 2,536,061, Jan. 2.
Jalousie. L. Miller. 2,574,344, Nov. 6.
Jamming roller clutch. W. R. Bonham. 2,570,515, Oct. 9.
Jar. L. W. Storm. Re. 23,354, Apr. 10.
Jar and jacket therefor. J. E. Menrath. 2,575,283, Nov. 13.
Jar and safety joint. C. M. Howard. 2,557,349, June 19.
Jar assembly, Safety sub. K. E. Waggener. 2,572,895, Oct. 30.
Jar cap remover, Pivoted lever. J. E. Stump. 2,548,634, Apr. 10.
Jar cap remover, Pry type. R. H. Williams. 2,571,401, Oct. 16.
Jar, Hydraulic. K. Brady. 2,551,868, May 8.
Jar, Hydrostatic rotary. L. W. Smith. 2,544,473, Mar. 6.
Jar lifter. V. H. Bumgardner, Sr. 2,564,956, Aug. 21.
Jar lifter. A. J. Malavazos. 2,561,807, July 24.
Jar lifting device. T. J. Novak. 2,570,069, Oct. 2.
Jar, Rotary. W. H. Dumble. 2,550,142, Apr. 24.
Jar shoulder knuckle joint. W. H. Dumble. 2,568,060, Sept. 18.
Jato release device. R. E. Grill and V. L. White. 2,544,830, Mar. 13.
Jaw actuating means for tools. A. R. Ralston. 2,579,272, Dec. 18.
Jaw adjusting means for slidable side jaw wrenches. J. S. Ryland. 2,569,581, Oct. 2.
Jaw crusher with double toggle. R. R. Shafter. 2,575,301, Nov. 13.

Jaw face for pipe tongs. J. P. Ratigan. 2,545,630, Mar. 20.
Jaw holder for blind riveting guns. J. F. Hamlin. 2,570,801, Oct. 9.
Jaw unit for meter sockets, Adjustable. R. A. Road and R. W. Bonnet. 2,538,912, Jan. 23.
Jaws for welder's bench tongs. L. R. Bertino. 2,565,750, Aug. 28.
Jellies made from mixtures of sugar and fruit juices containing pectin, Production of. N. J. Hassid. 2,557,050, June 12.
Jet device for discharging a mixture of fluids. P. Kollsman. 2,569,997, Oct. 2.
Jet device for feeding air, steam, and chemicals to boiler furnaces. H. E. De Roque. 2,566,320, Sept. 4.
Jet ejection propulsion. D. W. Humphrey. 2,543,024, Feb. 27.
Jet pipe for jet-propelled aircraft. F. Whittle. 2,580,207, Dec. 25.
Jet propulsion apparatus. H. J. D. McCollum. 2,548,804, Apr. 10.
Jet propulsion engine. R. R. Hays. 2,553,253, May 15.
Jet propulsion system for aircraft, Wing-mounted. O. N. Davis. 2,553,443, May 15.
Jet propulsion unit with rotatable combustion chamber. J. A. Melenric. 2,543,864, Mar. 6.
Jet rotated rotary wing aircraft. F. L. Doblhoff. 2,540,190, Feb. 6.
Jewelry article, Close fitting. M. C. Meyer. 2,554,629, May 29.
Jewelry attachment. E. A. Bohlinger. 2,548,140, Apr. 10.
Jewelry box. S. Tylon. 2,540,969, Feb. 6.
Jewelry case. F. J. Brès. 2,565,167, Aug. 21.
Jewelry storage and display case. H. P. Hopp and A. E. Kunzelman. 2,575,016, Nov. 13.
Jig. A. Mettrick and D. Hook. 2,538,791, Jan. 23.
Jig and carrier for building blocks. M. A. Arrigoni. 2,569,966, Oct. 2.
Jig bushing retainer. O. R. Briney. 2,558,814, July 3.
Jig for milling. P. H. Fassnacht. 2,577,116, Dec. 4.
Jig grinder. F. C. Victory. 2,559,180, July 3.
Jigger for shaping pottery articles. A. Guy and C. T. Wedgwood. 2,536,364, Jan. 2.
Jogger attachment for printing presses. E. D. Lawrence. 2,573,852, Nov. 6.
Jogging machine. I. Scheinker. 2,573,164, Oct. 30.
Jogging mechanism for machine tools. F. A. Hassman and E. D. Vancil. 2,537,409, Jan. 9.
Joiner link. C. Donda. 2,538,356, Jan. 16.
Joining a plurality of metal containers. H. A. Westrich. 2,569,137, Sept. 25.
Joining angularly disposed sections of vulcanized rubber strip stock. S. Kusiak. 2,571,259, Oct. 16.
Joining coaxial cables. E. L. Alford. 2,538,225, Jan. 16.
Joining device. F. W. Marshall and S. M. McCall. 2,569,532, Oct. 2.
Joining leaders to fishhooks. W. W. Jones. 2,577,466, Dec. 4.
Joining metal parts. D. B. Bradner, W. B. Stoddard, Jr., and P. S. Blickensderfer. 2,569,368, Sept. 25.
Joining plastic substances. H. C. Hagedorn. 2,553,259, May 15.

Joint: *See*—
- Artificial foot and ankle joint.
- Artificial limb knee joint.
- Ball joint.
- Chain joint.
- Compensated pipe expansion joint.
- Connecting rod joint.
- Constant velocity joint.
- Constant velocity universal joint.
- Covered expansion joint.
- Doll joint.
- Drill stem telescope joint.
- Duct slip joint.
- Electrically conductive revolving joint.
- Expansion joint.
- Flexible pipe joint.
- Fluid tight joint.
- Gasketed joint.
- High-pressure ball and socket pipe joint.
- High-speed flexible joint.
- Hinged tubular joint.
- Idler arm pivot joint.
- Jar shoulder knuckle joint.
- Leg brace knee joint.
- Nonextruding expansion joint.
- Peripherally sealed joint.
- Pipe joint.
- Pivot joint.
- Rail joint.
- Road form joint.
- Rotary joint.
- Rubberized bituminous sealing joint.
- Sanitary swivel joint.
- Self-lubricated steering knuckle joint.
- Swing joint.
- Swivel joint.
- Tool joint.
- Universal joint.
- Welded pipe joint.
- Well casing joint.

Joint. F. N. Bard. 2,557,930, June 26.
Joint. R. M. Hauck. 2,569,632, Oct. 2.
Joint and fitting, Pipe. H. L. Fulton. 2,567,639, Sept. 11.
Joint and separating the members thereof, Press fitted. A. E. Bratt. 2,564,670, Aug. 21.
Joint assembly. O. S. French. 2,539,186, Jan. 23.
Joint assembly, Adjustable. B. E. Ricks. 2,553,789, May 22.
Joint brace plate. V. La Grande. 2,568,453, Sept. 18.
Joint breaker. F. M. Owen. 2,556,938, June 12.
Joint, bumper sub, and equalizing valve, Combination safety. J. L. Johnston. 2,538,690, Jan. 16.
Joint construction. D. G. Roos. 2,544,546, Mar. 6.
Joint construction for panels. L. B. Green. 2,576,296, Nov. 27.
Joint digger and cleaner for concrete pavements. R. L. Trail. 2,541,309, Feb. 13.
Joint especially for railway cars and similar vehicle bodies. M. Watter. 2,565,709, Aug. 28.
Joint filler for existing concrete pavements, Expansion. W. J. Van London. 2,539,875, Jan. 30.
Joint for a base flashing, Expansion. M. Riesner. 2,545,705, Mar. 20.
Joint for artificial limbs, Flexible. C. A. Weise. 2,570,735, Oct. 9.
Joint for bell and spigot pipes, Insulated. J. Boucher. 2,538,186, Jan. 16.
Joint for coaxial conductors. R. A. Kempf. 2,546,309, Mar. 27.
Joint for coaxial lines, Inner conductor. W. W. Salisbury. 2,541,836, Feb. 13.
Joint for concrete, Contraction. A. C. Fischer. 2,540,251, Feb. 6.
Joint for concrete slab road pavement, Sealed. J. E. Carter. 2,575,247, Nov. 13.
Joint for fluid conduits, Swivel. D. C. Warren. 2,549,951, Apr. 24.
Joint for interlocking wall and roof covering strips. C. M. Kinghorn. 2,565,610, Aug. 28.
Joint for leg braces, Hinged. H. Cohan. 2,545,843, Mar. 20.
Joint for pipe and conduits. B. Eisner, J. O. Everhart, and E. T. Montgomery. 2,537,659, Jan. 9.
Joint for planks, Hinged. M. H. Cramer. 2,558,419, June 26.
Joint for roofing or like sheets. P. E. McCullough. 2,571,273, Oct. 16.
Joint for sheet piles. A. Schaack. 2,556,298, June 12.
Joint for timbers or the like. R. R. Dupler. 2,571,429, Oct. 16.
Joint for tubes, Elastic. Y. Mathieu. 2,543,185, Feb. 27.
Joint for tubular furniture frames. A. T. Shott. 2,576,049, Nov. 20.
Joint for tubular members, Thread. J. J. Brophy. 2,552,768, May 15.
Joint for use in well strings, Safety. T. A. Creighton. 2,562,298, July 31.
Joint for use on oil-filled cables, Stop. L. P. Macardier. 2,540,898, Feb. 6.
Joint for use with dental articulators and the like, Locking universal. W. de Lautour. 2,550,043, Apr. 24.
Joint for well swabs, Safety. J. E. Redpath. 2,572,388, Oct. 23.
Joint of the jaw type, Universal. G. B. Stillwagon, Jr. 2,575,602, Nov. 20.
Joint protection in coded track circuit signaling systems, Broken-down. M. A. Scheg. 2,570,868, Oct. 9.
Joint seal. J. C. Haun. 2,570,673, Oct. 9.
Joint sealing filler, Expansion. P. Sussenbach. 2,546,659, Mar. 27.
Joint structure for electric lamp supports, Adjustable. V. Lang, Jr. 2,557,507, June 19.
Joint structure for knockdown boxes, Corner. P. L. Von Canon. 2,551,775, May 8.
Joint structure for laminates. C. G. Bennett. 2,550,520, Apr. 24.
Jointed bracket. W. A. Mendelsohn. 2,547,532, Apr. 3.
Jointed flexible level. A. A. Howell. 2,559,961, July 10.
Jointer fence adjustment. W. B. Boice. 2,579,224, Dec. 18.
Jointing means for pipes and couplings and the like. E. S. Buhayar. 2,562,014, July 24.
Jointing of metal inserts to thermoplastic articles. R. Gray. 2,558,246, June 26.
Jointure for prefabricated structures. A. J. Fitzgerald. 2,577,119, Dec. 4.
Journal bearing. J. R. Belknap. 2,547,555, Apr. 3.
Journal bearing. F. Noe. 2,573,159, Oct. 30.
Journal bearing. C. O. Gordon, H. W. Tash, R. Franklin, and H. Haffner. 2,539,072, Jan. 23.
Journal box. D. S. Barrows. 2,569,277, Sept. 25.
Journal box. E. H. Blattner. 2,555,565, June 5.
Journal box. F. E. Moffett and H. L. Spence. 2,555,094, May 29.
Journal box. F. Noe. 2,560,183, July 10.
Journal box closure. W. L. Dwyer. 2,542,861, Feb. 20.
Journal box guard. C. Vincent. 2,580,370, Dec. 25.
Journal lubricator. E. Armstrong. 2,556,513, June 12.
Journal lubricator. J. T. Greeley. 2,568,854, Sept. 25.
Journal lubricator. A. A. Hammer. 2,571,235, Oct. 16.
Journal safety device for railway rolling stock. P. J. Maraman and H. G. Stokes. 2,557,446, June 19.
Journal wiper. W. M. Gewin. 2,549,594, Apr. 17.
Juice extracting device. T. J. Beaudet. 2,578,122, Dec. 11.
Juice extractor. L. McGihon. 2,541,264, Feb. 13.
Juicer. H. W. Hagerty. 2,552,171, May 8.
Juicer, Citrus fruit. R. Polk, Sr. 2,538,590, Jan. 16.
Juicer for fruit halves having means for inverting the sides of the halves. J. H. Knapp. 2,540,891, Feb. 6.
Juicer, Fruit. O. J. Smith. 2,572,286, Oct. 23.
Juicer, Fruit and vegetable. C. E. Jones. 2,551,886, May 8.
Juicer with conical reamer, Fruit. F. H. Waggoner. 2,540,500, Feb. 6.
Juke box and television receiver control device. D. J. Peters. 2,565,881, Aug. 28.
Junction block. H. W. Hoard. 2,548,371, Apr. 10.
Junction box. C. C. Buckels. 2,556,061, June 5.

Junction box cable connector. E. B. Clark and G. Carlson. 2,552,149, May 8.
Junk basket for well bores, Magnetic. J. P. Nolley and G. E. Cannon. 2,556,849, June 12.
Kaleidograph, Projecting. H. Regan. 2,553,005, May 15.
Keel for sailboats, Retractable. L. G. Wilson. 2,569,270, Sept. 25.
Keeper. F. E. Best. 2,568,983, Sept. 25.
Keeper mechanism. D. R. Shirley. 2,578,848, Dec. 18.
Keeping the meat of shellfish in a fresh condition. G. C. Byrd. 2,546,428, Mar. 27.
Keg, Prefabricated nail. J. D. McIntyre. 2,554,043, May 22.
Kelly bushing. W. A. Abegg. 2,558,806, July 3.
Kelly drive bushing, Adjustable. W. L. White. 2,559,100, July 3.
Kennel closure. C. E. Poovey. 2,560,661, July 17.
Kerf cutter. W. C. Cassell. 2,537,331, Jan. 9.
Kerf-cutting machine. L. E. Topham and G. P. S. Cross. 2,574,672, Nov. 13.
Ketal esters, Preparation of. W. J. Croxall and J. O. Van Hook. 2,556,135, June 5.
Keto-amine salts in the steroid series and products, Preparation of. P. L. Julian, E. W. Meyer, J. W. Cole, and A Magnani. 2,566,336, Sept. 4.
Keto-carboxylic acids and their derivatives, Preparation of. E. C. Ladd. 2,577,133, Dec. 4.
Ketodimethylperhydrophenanthrenecarboxylic acid nitriles. K. Miescher and J. R. Billeter. 2,552,993, May 15.
Keto esters of penicillin and preparation thereof. H. F. McDuffie, Jr. and D. E. Cooper. 2,578,570, Dec. 11.
Ketone diarylamine condensation products, Manufacture of. I. Mankowich and C. H. Day. 2,562,802, July 31.
Ketone plasticizers for polyvinyl chloride resins. R. J. Lee and R. H. Reiff. 2,538,254, Jan. 16.
Ketones and aldehydes, Preparation of unsaturated. H. O. Mottern. 2,549,508, Apr. 17.
Ketonic bodies, Production of. W. Reppe and A. Magin. 2,562,393, July 31.
Ketonic bodies, Production of. W. Reppe and A. Magin. 2,577,208, Dec. 4.
Kettle for glass, Melting. F. Uhrmann. 2,541,310, Feb. 13.
Kettle furnace. O. R. Olson. 2,543,982, Mar. 6.
Kettle with insulated handle, vent means in said handle, and spoutless pouring opening, Carafelike. P. Schlumbohm. 2,566,035, Aug. 28.
Keyboard. A. H. Dickinson. 2,543,899, Mar. 6.
Keyboard. J. M. Lobit. 2,541,823, Feb. 13.
Keyboard and differential actuator units, Detachable denominationally composite. R. Gourdon. 2,568,617, Sept. 18.
Keyboard for electrically actuated positioning devices. L. S. Williams. 2,566,278, Aug. 28.
Keyboard for typewriters. S. Piekarski. 2,576,039, Nov. 20.
Keyboard locking mechanism for laundry listing machines. W. J. Keuper. 2,573,847, Nov. 6.
Keyboard, Musical instrument. H. A. and N. J. Jewett. 2,542,532, Feb. 20.
Keyboard, Piano. J. H. Reuther. 2,557,690, June 19.
Keyboard sealing means. G. W. Hopkins. 2,559,820, July 10.
Key cap for writing machines, Molded. G. K. Geerlings. 2,545,026, Mar. 13.
Key case. H. C. Craig and W. E. Keen. 2,559,946, July 10.
Key case. H. P. Glass. 2,540,819, Feb. 6.
Key case. H. Stawsky. 2,564,382, Aug. 14.
Key case. B. Wohl. 2,545,012, Mar. 13.
Key chain with religious reminder attached thereto. W. L. Dennis. 2,572,703, Oct. 23.
Key container. G. E. Gross. 2,547,524, Apr. 3.
Key container. A. D. Mitchell. 2,575,424, Nov. 20.
Key container. R. C. Old. 2,564,918, Aug. 21.
Key container. J. J. Poncar. 2,560,595, July 17.
Key container. J. E. Williams. 2,546,413, Mar. 27.
Key detachment device. J. Mullan. 2,547,340, Apr. 3.
Key drive. W. R. Eames. 2,539,821, Jan. 30.
Key ejector for locks. J. J. Seaman and G. E. Rightley. 2,568,206, Sept. 18.
Key for accordions and the like, Playing. F. Kostka. 2,565,239, Aug. 21.
Key for opening cans. W. F. Grossenbach. 2,552,961, May 15.
Key for rolling collapsible tubes. H. W. Bubar. 2,536,427, Jan. 2.
Key holder. H. R. Cuningham. 2,554,817, May 29.
Key holder. C. Marien. 2,551,564, May 1.
Key holder. D. Ostrander. 2,549,228, Apr. 17.
Key holder. J. J. Pentek. 2,550,375, Apr. 24.
Key holder. H. Q. Quan. 2,551,158, May 1.
Key holder. H. R. Segal. 2,575,472, Nov. 20.
Key holder for automobiles, Emergency. C. C. Warfield. 2,552,699, May 15.
Keyhole illuminator. E. E. Ciha. 2,536,593, Jan. 2.
Keyhole illuminator with sliding switch. E. J. Anderson. 2,562,687, July 31.
Keyhole lock. J. Elsberg. 2,577,956, Dec. 11.
Key lock for push-button switches. R. P. Ballou. 2,579,168, Dec. 18.
Key-operable permutation lock. L. E. Deutsch. 2,557,028, June 12.
Key operated switch. H. Cooley. 2,566,017, Aug. 28.
Key operated switch. H. Szabo. 2,554,223, May 22.
Key pulsing B operator position circuit. H. E. Noweck and T. D. Robb. 2,568,164, Sept. 18.
Key retainer, Ejection-type. L. Kniebes. 2,567,816, Sept. 11.
Key ring and key enclosure. R. H. Wendt. 2,564,242, Aug. 14.
Key selector aid. D. W. Wishart. 2,573,781, Nov. 6.
Key sequence indicating keyset. H. W. Goff. 2,570,940, Oct. 9.
Keystone correction circuit. J. L. Delvaux. 2,566,056, Aug. 28.
Key support. R. C. Legat. 2,579,838, Dec. 25.
Key, Tuoe securing. C. Moen 2,567,522, Sept. 11.
Key switch mounting. M. J. Larsen. 2,557,034, June 12.
Keying circuit. L. V. Blake. 2,552,512, May 15.
Keying device, Electronic. L. A. King. 2,536,646, Jan. 2.
Kickoff. E. T. Peterson. 2,566,958, Sept. 4.
Killing weeds. C. H. Allen, Jr. 2,552,388, May 8.
Killing weeds and the materials used therein. P. A. Sartoretto. 2,545,431, Mar. 13.
Kiln, Calcining. J. B. Dube. 2,549,787, Apr. 24.
Kiln, Drying. C. R. Guthrie. 2,553,452, May 15.
Kiln for bricks. J. R. Clark. 2,559,595, July 10.
Kiln for decorated ceramic ware. L. L. Root. 2,551,549, May 1.
Kiln, Lumber. E. V. Smith. 2,548,403, Apr. 10.
Kiln, Self-aligning rotary. S. W. Traylor, Jr. 2,551,774, May 8.
Kinescope combined with simultaneously adjustable lens and viewing screen. G. W. Fyler. 2,540,721, Feb. 6.
Kinescope for the reproduction of color images. G. C. Sziklai and A. C. Schroeder. 2,543,477, Feb. 27.
Kinescope projection by refractive optical system mounted on tube neck. C. S. Szegho. 2,538,852, Jan. 23.
Kitchen appliance, Electrical. S. C. Major. 2,548,034, Apr. 10.
Kitchen cabinet. A. Tompkins. 2,551,305, May 1.
Kitchen machine. E. O. H. Hansson. 2,551,670, May 8.
Kitchen table. O. G. Reese. 2,547,661, Apr. 3.
Kitchen tool. A. J. Eggleston. 2,538,357, Jan. 16.
Kite. R. P. Holland, Jr. 2,562,789, July 31.
Kite. G. D. Wanner. 2,537,560, Jan. 9.
Kite construction. S. D. and A. Gould. 2,565,365, Aug. 21.
Kite control. K. C. Howard. 2,556,877, June 12.
Kite, Flexible. G. S. and F. M. Rogallo. 2,546,078, Mar. 20.
Kite, Parachute dropping. H. Berthene. 2,575,157, Nov. 13.
Kite rudder. F. O. Pinkham. 2,558,980, July 3.
Kite, Underwater fishing. C. L. Louthan. 2,566,029, Aug. 28.
Kite, Water. H. L. Gross. 2,556,423, June 12.
Kneading apparatus. E. H. Ford. 2,559,418, July 3.
Knee and foot support. R. O. Ferguson. 2,565,762, Aug. 28.
Knee joint for artificial limbs. F. C. and R. P. Lucas. 2,559,446, July 3.
Knee joint of artificial legs. J. Fischer and P. R. Kluge. 2,575,802, Nov. 20.
Knee lock for artificial limbs. J. E. Hanger, III. 2,560,286, July 10.
Knee lock mechanism for artificial legs. J. G. Catranis. 2,568,053, Sept. 18.
Knee patches for pants, Removable. K. E. Mitchell. 2,568,083, Sept. 18.
Knee protector for overalls and other garments. J. Krinick. 2,561,872, July 24.
Kneeler attachment, Folding chair. J. H. Clarin. 2,548,098, Apr. 10.
Kneeling device, Automatic. A. Feinson. 2,551,661, May 8.
Knife. L. Christie. 2,538,442, Jan. 16.
Knife and process, Film casting. D. E. Jurgensen, Jr. and G. P. Hungerford. 2,546,342, Mar. 27.
Knife blade construction. H. W. Barnard. 2,566,112, Aug. 28.
Knife blade construction. F. E. Gruber. 2,550,347, Apr. 24.
Knife, Boning. E. R. Orling. 2,542,426, Feb. 20.
Knife changing device. F. W. Seybold. 2,540,836, Feb. 6.
Knife construction for beet toppers. W. J. Flintjer. 2,550,144, Apr. 24.
Knife-edge bearing. D. Ernst. 2,544,591, Mar. 6.
Knife, Excelsior. F. H. Phillips. 2,576,190, Nov. 27.
Knife, Fisherman's. F. F. Rathmell. 2,573,601, Oct. 30.
Knife for cutting butter and cheese, Guarded. J. F. Hartman. 2,570,671, Oct. 9.
Knife for meat chopping machines, Rotary gang. M. Pinkers. 2,551,049, May 1.
Knife for shoe sole sewing machines, Work grooving. P. A. Matter. 2,572,170, Oct. 23.
Knife guard for slicing machines. D. A. Meeker and E. A. Reussenzehn. 2,573,860, Nov. 6.
Knife having a serrated edge. N. L. Estabrooks. 2,555,735, June 5.
Knife having a serrated edge. J. W. Sloan. 2,537,555, Jan. 9.
Knife, Heated. J. B. Smith and J. Q. Sidwell. 2,574,440, Nov. 6.

Knife, Multiple-use sheath. T. V. Szopa. 2,545,121, Mar. 13.
Knife, Paring. W. McMillen. 2,570,002, Oct. 2.
Knife rest H. M. Lunde. 2,567,817, Sept. 11.
Knife, Seam ripping. M. Ingwer and W. W. Schwartz. 2,548,797, Apr. 10.
Knife sharpener. G. A. Brinkley. 2,542,472, Feb. 20.
Knife sharpener. R. E. Risley and P. B. Scharf. 2,566,809, Sept. 4.
Knife sharpening machine. E. Roeder. 2,563,373, Aug. 7.
Knife sharpening machine, Automatic multiple. G. M. Yulich. 2,577,393, Dec. 4.
Knife sharpening mechanism. F. G. Clark. 2,563,921, Aug. 14.
Knife, Sheathed. J. G. Truesdell. 2,559,689, July 10.
Knife support for Axminster looms. J. H. Pfau. 2,575,834, Nov. 20.
Knife, Swivel. J. F. Bunker. 2,569,286, Sept. 25.
Knife, Telescoping pocket. R. F. Landwehr. 2,543,726, Feb. 27.
Knife using a detachable razor blade. E. and E. C. Trimble. 2,569,080, Sept. 25.
Knife, Vegetable slicing. E. T. Elkington. 2,556,528, June 12.
Knit ironing pad. H. C. Grant. 2,551,118, May 1.
Knitted fabric. E. St. Pierre. 2,550,880, May 1.
Knitting attachment, Link reducing reciprocating. J. A. Yankeelov. 2,558,895, July 3.
Knitting case. R. E. Hunter. 2,553,971, May 22.
Knitting device. L. H. Robertson. 2,539,479, Jan. 30.
Knitting girdles. G. Lacks. 2,560,580, July 17.
Knitting machine. A. Belford and F. A. Kuss. 2,574,009, Nov. 6.
Knitting machine. P. W. Bristow. 2,555,870, June 5.
Knitting machine. P. W. Bristow. 2,569,706, Oct. 2.
Knitting machine. H. C. Grant. 2,580,089, Dec. 25.
Knitting machine. G. E. Henning. 2,568,806, Sept. 25.
Knitting machine. A. W. Kent. 2,542,816, Feb. 20.
Knitting machine. S. and L. Mishcon and H. Agulnek. 2,543,121, Feb. 27.
Knitting machine. A. L. Oberholtzer. 2,557,137, June 19.
Knitting machine. A. L. Oberholtzer. 2,565,877, Aug. 28.
Knitting machine. J. J. Parés and S. S. Daroca. 2,560,872, July 17.
Knitting machine. P. J. Schoenster and M. E. Ebert. 2,569,582, Oct. 2.
Knitting machine and operating same, Circular multifeed hosiery. J. J. McDonough. 2,576,962, Dec. 4.
Knitting machine and operating the same, Full-fashioned. R. Anke. 2,578,164, Dec. 11.
Knitting machine, Circular. P. A. Brooks. 2,561,491, July 24.
Knitting machine, Circular. J. Javorek and A. Vaňátko. 2,543,172, Feb. 27.
Knitting machine, Circular. P. L. Thurston. 2,573,118, Oct. 30.
Knitting machine needle motion. R. S. E. Hannay. 2,562,034, July 24.
Knitting machine, Straight. E. J. Berger and H. K. West. 2,554,656, May 29.
Knitting machine, Straight. J. P. Ludwig. 2,571,591, Oct. 16.
Knitting machine, Straight bar. G. Huber. 2,564,261, Aug. 14.
Knitting machine, Straight bar. F. Lambach. 2,574,487, Nov. 13.
Knittting machine, Warp. F. Lambach. 2,540,128, Feb. 6.
Knitting machine with selector wheel nullifying cams. L. Mishcon and H. Agulnek. 2,539,790, Jan. 30.
Knitting needle carrier. R. H. Kenah. 2,551,012, May 1.
Knob, Brush. G. Rudat and C. B. Lee. 2,536,958, Jan. 2.
Knob for spindles of electrical apparatus and the like. E. W. Clark. 2,571,681, Oct. 16.
Knob, Retractable steering. R. P. Woodruff. 2,579,165, Dec. 18.
Knob set privacy latch. F. E. Best. 2,574,726, Nov. 13.
Knob, Tuning. J. L. Hoellerich. 2,568,630, Sept. 18.
Knockdown chair. P. L. Capron and J. C. Billheimer. 2,563,706, Aug. 7.
Knockdown fruit box. J. Spanjer. 2,547,672, Apr. 3.
Knockdown portable table. W. S. Crumpler. 2,556,362, June 12.
Knockdown radio cabinet. V. I. Zelov. 2,557,244, June 19.
Knockdown shipping container. T. Munroe. 2,549,509, Apr. 17.
Knockdown shipping frame. T. Evans, Jr., and P. M. Anderson. 2,566,179, Aug. 28.
Knockdown stand. C. L. Youngstrom. 2,574,607, Nov. 13.
Knockdown wall cabinet. F. W. Schmidt. 2,571,622, Oct. 16.
Knockout device for punch presses. A. C. Good. 2,576,295, Nov. 27.
Knocked down or folding structures made from acetate sheeting or the like. R. M. Bergstein. 2,551,090, May 1.
Knot device for neckties. W. R. Burke. 2,553,437, May 15.
Knurling tool. J. H. Boulet. 2,546,058, Mar. 20.
Knurling tool. J. E. Poorman. 2,579,611, Dec. 25.
Kryptonrich gases, Preparation of. P. J. Haringhuizen. 2,545,778, Mar. 20.

L-shaped wall protector. W. L. Alston. 2,538,743, Jan. 23.
Label affixing machine. V. Lobasso. 2,553,056–7, May 15.
Label applying mechanism. G. W. von Hofe. 2,578,329, Dec. 11.
Label attaching means. J. A. Jimenez, P. O. Bloomquist, and W. R. Wells. 2,576,838, Nov. 27.
Label feeding and holding means for sewing machines. G. J. Plopper. 2,560,186, July 10.
Label gluing and attaching apparatus especially for association with gluing machines. E. R. Sloyer. 2,570,876, Oct. 9.
Label or stamp affixing machine. J. R. Sperry. 2,550,307, Apr. 24.
Label, Re-usable. G. E. Kelly. 2,563,340, Aug. 7.
Label severing and applying machine. W. Hoppe. 2,569,101, Sept. 25.
Labeled package. L. L. Salfisberg. 2,572,056, Oct. 23.
Labeling apparatus. J. P. Lissimore. 2,565,975, Aug. 28.
Labeling machine. C. H. Amidon and I. E. Peterson. 2,544,627, Mar. 6.
Labeling machine. F. B. Clark. 2,556,028, June 5.
Labeling machine. J. Magnusson. 2,545,292, Mar. 13.
Labeling machine. R. Weber and J. E. Grant. 2,568,904, Sept. 25.
Labeling machine, Hand. A. Ferrato. 2,552,948, May 15.
Labeling machine with pneumatic label transfer and applying means. J. P. Lissimore. 2,542,282, Feb. 20.
Labyrinth packings, particularly for use in internal-combustion turbines. T. Clark. 2,545,916, Mar. 20.
Lactam plasticizer for rubbers. D. B. Luten, Jr., B. O. Blackburn, and F. M. McMillan. 2,550,363, Apr. 24.
Lactams and their hydrolytic products, Producing. A. Novotny. 2,569,114, Sept. 15.
Lactams by rearrangement of cyclic ketoximes, Producing. O. Wichterle. 2,573,374, Oct. 30.
Lactonization of α-acyloxyacrylonitrile polymers. J. B. Dickey. 2,537,881, Jan. 9.
Ladder. A. Bianchi. 2,538,501, Jan. 16.
Ladder. J. S. Crumpton. 2,542,398, Feb. 20.
Ladder. H. J. Frazier. 2,556,998, June 12.
Ladder. A. E. Hallén. 2,542,923, Feb. 20.
Ladder. W. T. Rutledge. 2,556,398, June 12.
Ladder. L. Siler. 2,536,318, Jan. 2.
Ladder, Adjustable leg. S. Johnson. 2,548,311, Apr. 10.
Ladder and hand truck, Combination. A. H. Hanson. 2,560,342, July 10.
Ladder base, Equalizer. W. D. Husted. 2,555,036, May 29.
Ladder bracket. F. Magnetti. 2,554,675, May 29.
Ladder clamp. C. M. McKenzie. 2,550,365, Apr. 24.
Ladder, Extension. J. L. Painter, Jr. 2,559,992, July 10.
Ladder, Extension. M. Smith. 2,572,775, Oct. 23.
Ladder, Fire escape. W. R. Moeller. 2,548,843, Apr. 10.
Ladder, Foldable. K. Sip. 2,567,302, Sept. 11.
Ladder for railway car. O. M. Stevens. 2,580,326, Dec. 25.
Ladder jack. O. J. Latham. 2,548,380, Apr. 10.
Ladder jack. T. C. Tims. 2,578,862, Dec. 18.
Ladder jack and scaffold, Adjustable. M. M. Streeter. 2,577,286, Dec. 4.
Ladder leg extension. M. F. Cheek. 2,567,989, Sept. 18.
Ladder, Metal. H. M. Hutchinson. 2,552,630, May 15.
Ladder or ramp for boats. C. R. Teller. 2,536,966, Jan. 2.
Ladder, Orchard. F. F. Nelson. 2,562,634, July 31.
Ladder, Safety escape. E. W. Litten. 2,560,457, July 10.
Ladder step, Movable. E. T. Franklin, Sr. and W. Ellison. 2,557,270, June 19.
Ladder support. R. C. Courtney. 2,552,941, May 15.
Ladder tread. J. L. McGlothlen. 2,562,564, July 31.
Ladder, Venetian blind. W. J. Stuber and A. Weisselberg. 2,537,865, Jan. 9.
Lading brace for freight cars. H. C. Pierce. 2,574,658, Nov. 13.
Lading strap anchor for freight cars. A. A. Logmann and G. C. Meyers. Re. 23,394, July 24.
Ladle, Skimming. L. Novion. 2,537,848, Jan. 9.
Ladling device. R. M. Shultz. 2,560,900, July 17.
Lag-responsive protection device. J. V. V. Elsworth. 2,548,005, Apr. 10.
Laminae and making same, Bonded. D. H. Powers. 2,555,506, June 5.
Laminar product of polymerized vinyl chloride resin and comminuted cork and manufacturing the same. A. B. Dodge. 2,560,420, July 10.
Laminate using polyamide adhesive. J. D. Pickens. 2,542,288, Feb. 20.
Laminated articles, Manufacturing. J. K. Wagers and E. C. Shokal. 2,545,832, Mar. 20.
Laminated composite body of airfoil shapes. R. G. Winnick. 2,562,976, Aug. 7.
Laminated die. R. G. Nill and F. J. Patterson. 2,547,168, Apr. 3.
Laminated dry stencil. J. L. Morton and H. O. George. 2,562,676, July 31.
Laminated electric condenser. A. Liechti. 2,539,516, Jan. 30.
Laminated magnetic core. C. P Hayes. 2,560,224, July 10.
Laminated material and making the same. A. Nashley. 2,577,476, Dec. 4.
Laminated paper tubes, Process and apparatus for producing. C. B. Hemming. 2,574,329, Nov. 6.

Laminated polarizer. J. F. Dreyer. 2,553,961, May 22.
Laminated product and laminating. F. L. Minnear. 2,579,949, Dec. 25.
Laminated products and adhesive compositions of matter. C. J. Mighton. 2,561,215, July 17.
Laminated sheet material for packaging moisture-containing foods. J. H. Bonini. 2,559,109, July 3.
Laminated structure. W. B. Reynolds, G. Kraus, and A. Conciatori. 2,569,536, Oct. 2.
Laminated wooden members, Manufacture of. H. H. Payzant. 2,571,604, Oct. 16.
Laminating fabrics. H. Dreyfus. 2,550,006, Apr. 24.
Laminating paper. G. S. Casebolt. 2,554,454, May 22.
Laminating polyvinyl alcohol film to paper and product. J. F. Strawinski. 2,546,705, Mar. 27.
Laminating process and products. G. F. Nadeau and C. B. Starck. 2,541,478, Feb. 13.
Laminating wood. F. Denig and W. P. Arnold. 2,563,821, Aug. 14.

Lamp: *See*—
- Animated picture lamp.
- Arc lamp.
- Concentrated arc lamp.
- Dental operating lamp.
- Dirigible spot lamp.
- Electric discharge lamp.
- Electric lamp.
- Electroluminescent lamp.
- Flashlight lamp.
- Flat pocket hand lamp.
- Floor lamp.
- Fluorescent lamp.
- Gaseous electric discharge lamp.
- Gyroscopically controlled head lamp.
- High-pressure mercury vapor electric discharge lamp.
- High - pressure mercury vapor lamp.
- High-pressure metal vapor electric discharge lamp.
- Miner's electric cap lamp.
- Oscillating signal lamp.
- Photoflash lamp.
- Radio energized lamp.
- Retractable office lamp.
- Telephone dial lamp.
- Vehicle directional signal lamp.
- Vehicle head lamp.

Lamp actuator and housing, Slidably mounted. J. Divizia. 2,536,799, Jan. 2.
Lamp and charging device therefor having a magnetically operated switch to open the lamp circuit and establish the charging circuit, Accumulator. A. O. Roberts. 2,556,506, June 12.
Lamp and license plate support. M. W. Breed. 2,550,325, Apr. 24.
Lamp and manufacture thereof, Coated flash. M. Pipkin and J. D. Johnson. 2,571,607, Oct. 16.
Lamp and manufacture thereof, Electric. A. Greiner. 2,542,326, Feb. 20.
Lamp and manufacturing, Electric incandescent. R. K. Braunsdorff. 2,556,059, June 5.
Lamp and reflector holder. J. J. Masterson and M. Thomas. 2,539,746, Jan. 30.
Lamp and unit of electrodes therefor, Open electric arc. A. Bayerl. 2,557,589, June 19.
Lamp apparatus for interchanging liquid-cooled lamps, Multiple. E. C. Weiskopf. 2,569,876, Oct. 2.
Lamp arm with reinforcing cup for an electric lamp socket mounted thereon. L. Boltuch. 2,568,537, Sept. 18.
Lamp assembly for illuminating instruments, Detachable. W. C. Emery. 2,576,583, Nov. 27.
Lamp assembly for printing and developing apparatus, Removable. J. Hruby. 2,559,159, July 3.
Lamp attachment for telephone instruments. A. H. Pinkerman. 2,540,908, Feb. 6.
Lamp base, Illuminated. T. W. Wilson. 2,558,600, June 26.
Lamp changer construction. J. R. MacKay. 2,551,029, May 1.
Lamp changing apparatus. J. R. MacKay. 2,551,028, May 1.
Lamp ejecting socket. P. J. Ernisse. 2,578,296, Dec. 11.
Lamp electrode. H. H. Chun and H. H. Homer. 2,560,933, July 17.
Lamp electrode, Fluorescent. G. W. Keilholtz and C. W. Jerome. 2,547,869, Apr. 3.
Lamp fixture and continuous mounting arrangement therefor, Ceiling. E. F. Guth, Jr. 2,559,424, July 3.
Lamp fixture, Combination fluorescent and germicidal. R. A. Clark, Jr. 2,561,341, July 24.
Lamp fixture, Fluorescent. W. C. Yeager. 2,543,713, Feb. 27.
Lamp fixture having a diffuser bowl with a circular fluorescent lamp surrounding the bowl. H. Brandeis. 2,575,486, Nov. 20.
Lamp for asymmetrical light distribution, Incandescent. C. E. Schwenger. 2,573,775, Nov. 6.
Lamp for therapeutic treatments. F. Landauer. 2,560,652, July 17.
Lamp guard and clamp for photographic and other purposes, Combination. M. Chaft. 2,557,532, June 19.
Lamp guard provided with a pivoted door, Portable electric. H. E. Moineau. 2,580,359, Dec. 25.
Lamp guard with adjustable reflector, Electric. F. M. Fike. 2,554,565, May 29.
Lamp head and switch. H. H. Boll. 2,539,113, Jan. 23.
Lamp held in position by resilient clamps, Vehicle. D. M. Morgenstern. 2,571,375, Oct. 16.
Lampholder for elongated tubular lamps. L. Boltuch. 2,570,514, Oct. 9.
Lamp holder for tubular fluorescent lamps. H. E. Seim. 2,537,161, Jan. 9.
Lamp housing for corner mounting, Fluorescent. A. Kurtzon. 2,578,190, Dec. 11.
Lamp indicator for telephones, Sound-actuated. H. M. Stein and C. M. Sherr. 2,562,069, July 24.
Lamp, light diffusing coating therefor and manufacture, Electric. M. Pipkin. 2,545,896, Mar. 20.
Lamp mount, Adjustable. J. L. Pettus. 2,554,539, May 29.
Lamp mount having one lamp terminal insulated from the cooling medium, Liquid cooled. J. S. Franklin. 2,578,415, Dec. 11.
Lamp mounting and reflector, Germicidal. R. E. Olsen. 2,569,772, Oct. 2.
Lamp resistor. L. Sokoloff. 2,550,169, Apr. 24.
Lamp shade adjustable on lamp axis. F. R. Walsh. 2,566,076, Aug. 28.
Lamp shade, Collapsible. R. D. Enright. 2,538,676, Jan. 16.
Lamp shade in combination with a diffusing shade. W. M. C. Lam. 2,576,523, Nov. 27.
Lamp shade with circulating air passage, Plastic. H. A. Snider. 2,554,647, May 29.
Lamp socket. G. B. Benander. 2,570,751, Oct. 9.
Lamp socket. H. C. Robertson. 2,576,856, Nov. 27.
Lamp socket assembly and apertured support. H. J. Murphy. 2,572,813, Oct. 23.
Lamp socket for elongated tubular discharge lamps. F. C. De Reamer and J. M. Pistey. 2,570,104, Oct. 2.
Lamp socket for elongated tubular lamps. H. L. Goebel. 2,573,007, Oct. 30.
Lamp socket having means to releasably lock the end of a fluorescent lamp therein. J. Fallek. 2,569,662, Oct. 2.
Lamp structure with shade and base interlocking member. F. R. Hendricks. 2,567,336, Sept. 11.
Lamp support. D. P. and M. B. Nave. 2,566,672, Sept. 4.
Lamp support capable of vertical and horizontal adjustment. T. J. Morgan. 2,541,883, Feb. 13.
Lamp support with rotatable apertured plate, including a recessed supporting hook. G. E. Eckert and W. K. McGinty. 2,561,691, July 24.
Lamp tube and mounting means therefor, Fluorescent. E. O. Bennett. 2,569,143, Sept. 25.
Lamp unit, Glare eliminating. L. M. Asay. 2,544,439, Mar. 6.
Lamp with adjustable support, Piano. M. Herr, 2,552,786, May 15.
Lamp with amber bulb shield having magneticaly operated adjustment, Fog. J. Roben. 2,563,552, Aug. 7.
Lamp, with an optical system for uniform road lighting, Vehicle. J. Bergmans and W. L. Vervest. 2,578,962, Dec. 18.
Lamp with centering means, Optical. J. Bergmans and W. Honing. 2,553,434, May 15.
Lamp with extensible shield, Adjustable bed. G. J. Rosenthal. 2,567,528, Sept. 11.
Lamp with reflector and guard, Portable. J. Maxwell. 2,569,068, Sept. 25.
Lamps, particularly for medical purposes, Forehead. A. Rodel. 2,539,104, Jan. 23.
Land leveler. C. S. Skeem. 2,543,943, Mar. 6.
Land leveler with coordinated wheel adjustment means. C. Whittier. 2,536,405, Jan. 2.
Land-leveling device. C. A. McKee. 2,570,142, Oct. 2.
Land measuring device. F. J. Cochnar. 2,571,682, Oct. 16.
Land, sea, and air plane. W. L. Masterson. 2,563,731, Aug. 7.
Landing device, Automatic carcass. F. A. Zaenkert. 2,555,072, May 29.
Landing gear door and fluid foil, Combined. W. Tydon. 2,548,832, Apr. 10.
Landing net, Folding. F. A. Matthews. 2,579,748, Dec. 25.
Lanolin alcohols from wool grease. P. Vaterrodt and R. E. Choyce. 2,579,986, Dec. 25.
Lantern and reflector support with universally adjustable base. E. O. Brow. 2,559,003, July 3.
Lantern slide mount. L. S. Rodger and C. H. Chapman. 2,571,764, Oct. 16.
Lap changer for combing machines. O. C. Hinson. 2,559,074, July 3.
Lappet loom. J. S. Kane. 2,542,677, Feb. 20.
Lapping device. H. Steckroth. 2,541,786, Feb. 13.
Lapping machine. E. J. Bullard. 2,565,590, Aug. 28.
Lapping plate, Yieldable. C. Herzstark. 2,569,099, Sept. 25.
Lapping tool. S. H. Duggan. 2,536,043, Jan. 2.
Lapidary device. D. O'Brien. 2,542,698, Feb. 20.
Lard and producing same, Modified. R. J. Vander Wal and L. A. Van Akkeren. 2,571,315, Oct. 16.
Large bell assembly. H. O. Johnson and M. O'Hare. 2,563,681, Aug. 7.
Lasso. D. J. Knox. 2,563,533, Aug. 7.
Last. A. M. Bowzer. 2,546,148, Mar. 27.
Last expanding machine. J. S. Kamborian. 2,546,398, Mar. 27.
Last for rubber footwear. A. Vlček. 2,566,686, Sept. 4.
Lasting machine. J. Zaoral and V. Ostrčil. 2,573,886, Nov. 6.

Latch: *See*—
- Adjustable brake latch.
- Automatic gate latch.
- Automatic window latch.
- Auxiliary bolt dead-locking latch.
- Basin night latch.
- Camera latch.
- Clamping latch.
- Closure latch.
- Compartment door latch.
- Deadlocking latch.
- Door latch.

Latch: *See*—Continued.
Floating bolt latch.
Gate latch.
Gate or door latch.
Hood latch.
Knob set privacy latch.
Privacy latch.
Push-button actuated door latch.
Push-push latch.
Refrigerator door latch.
Refrigerator latch.
Roller latch.
Safety latch.
Sliding door latch.
Temperature controlled latch.
Vehicle door latch.
Window latch.

Latch. A. M. Bowzer. 2,546,149, Mar. 27.
Latch. W. O. Burke. 2,558,233, June 26.
Latch. W. A. Endter. 2,569,041, Sept. 25.
Latch. W. A. Hilgeman. 2,544,682, Mar. 13.
Latch. F. McConnell. 2,580,237, Dec. 25.
Latch. R. K. Nottingham. 2,544,611, Mar. 6.
Latch. W. M. Scarborough. 2,559,736, July 10.
Latch. H. O. Wilson. 2,548,413, Apr. 10.
Latch and actuating means for supporting crank members of sliding doors, Combined. S. B. Haseltine. 2,565,657, Aug. 28.
Latch and catch construction, Lockable. W. V. Kingdon. 2,545,038, Mar. 13.
Latch and lock, Combined. D. Yachzel. 2,563,985, Aug. 14.
Latch and lock, Door. E. W. Gifford. 2,578,004, Dec. 11.
Latch and locking mechanism for cabinets and locker doors. G. Schaefer. 2,562,581, July 31.
Latch and pull, Door. F. M. Rameson. 2,556,821, June 12.
Latch and switch, Safety. W. R. Du Bois. 2,547,076, Apr. 3.
Latch assembly for convertible automobile tops. L. D. Milhan. 2,570,260, Oct. 9.
Latch bar mechanism, Adjustable. P. V. Larsen. 2,543,247, Feb. 27.
Latch bolt holdback. W. R. Schlage. 2,580,196, Dec. 25.
Latch case. H. Young. 2,578,873, Dec. 18.
Latch construction. C. C. Fish and C. V. Johnson. 2,537,661, Jan. 9.
Latch construction. A. Main. 2,542,876, Feb. 20.
Latch for elevators, Safety. W. W. Wilson. 2,567,044, Sept. 4.
Latch for end dump mine cars. R. C. Kepner. 2,578,430, Dec. 11.
Latch for houses and vehicle doors, Nonrattling. W. F. Hampton. 2,563,239, Aug. 7.
Latch for ironing tables, Leg locking. G. O. Miller. 2,560,300, July 10.
Latch for pistol holsters, Retainer. M. E. Toby. 2,551,913, May 8.
Latch for refrigerator car doors. J. S. Lundvall. 2,559,304, July 3.
Latch means for jaw wrenches. W. Sniezyk. 2,538,851, Jan. 23.
Latch means, Releasable subsoiler. C. L. and N. L. Metz. 2,552,292, May 8.
Latch mechanism. C. B. Graham and V. D. Carver. 2,540,941, Feb. 6.
Latch mechanism. W. H. Kraus. 2,572,630, Oct. 23.
Latch mechanism. C. E. Linn. 2,567,114, Sept. 4.
Latch mechanism. D. F. Sward. 2,576,978, Dec. 4.
Latch mechanism, Floating bolt. W. A. Endter. 2,569,046, Sept. 25.
Latch mechanism for carry type scraper ejectors. C. A. Gustafson. 2,573,765, Nov. 6.
Latch mechanism for coal distributing aprons, Safety. M. W. Powell. 2,554,751, May 29.
Latch mechanism for folding table leg assembly. E. J. Coffed. 2,575,942, Nov. 20.
Latch mechanism for portable extension masts, Automatic. J. Moon. 2,565,777, Aug. 28.
Latch mechanism, Refrigerator door. R. W. Doeg. 2,559,068, July 3.
Latch mechanism, Toggle. C. M. Goshe. 2,551,534, May 1.
Latch operated clutch. A. N. Nilson. 2,566,031, Aug. 28.
Latch operated clutch. A. N. Nilson, R. A. Thienemann, and W. J. Zenner. 2,568,249, Sept. 18.
Latch operated positive clutch. E. L. Steed. 2,566,540, Sept. 4.
Latch operating means, Trap-door. A. G. Dean. 2,561,651, July 24.
Latch operating mechanism. C. E. Rundel. 2,536,772, Jan. 2.
Latch operating mechanism for dump cars and the like. E. O. Lunde. 2,546,897, Mar. 27.
Latch safety catch. W. A. Endter. 2,569,044, Sept. 25.
Latch set, Nonlocking doorknob. R. C. Cerf, Jr. 2,547,256, Apr. 3.
Latch structure, Door. G. Janonis. 2,549,312, Apr. 17.
Latch tripping mechanism comprising abutting pivoted members. J. F. Chipman. 2,577,230, Dec. 4.
Latch unit, Door. J. D. Carroll. 2,568,383, Sept. 18.
Latch unit for disk harrows, Drawbar. C. H. Youngberg. 2,571,512, Oct. 16.
Latchable seat. F. O. Seigneur. 2,559,548, July 3.
Latching and guiding construction, Camera part. D. C. Harvey. 2,548,529, Apr. 10.
Latching, and locking means for tail gates, Suspending. E. W. Vars. 2,561,081, July 17.
Latching device. R. K. Nottingham. 2,548,046, Apr. 10.
Latching device for crates. C. W. Harris. 2,548,367, Apr. 10.
Latching device for gondola dumping doors. T. Boreen. 2,569,283, Sept. 25.
Latching device for knockout windows. Y. W. Ehret. 2,554,442, May 22.
Latching means, Folding berth. J. J. Mayer and A. G. Dean. 2,556,141, June 5.
Latching mechanism. W. A. Endter. 2,569,040, Sept. 25.
Latching mechanism for closures. W. A. Endter. 2,569,045, Sept. 25.
Latching mechanism for securing freight bodies on vehicles. C. J. Pasko. 2,539,201, Jan. 23.
Latent image intensification. B. H. Carroll. 2,575,002, Nov. 13.
Lateral control device for aircraft. F. B. Johnson. 2,540,335, Feb. 6.
Laterally adjustable bed frame. G. W. Pearce. 2,558,625, June 26.
Laterally movable car door. F. Ditchfield. 2,560,419, July 10.
Laterally rocking type tire removing hand tool. H. Aycock. 2,571,517, Oct. 16.
Laterally separating and spacing a plurality of traveling strips. R. M. Johnstone. 2,570,061, Oct. 2.
Latex adhesive containing phenolphthalein and using the same. R. D. Earle and C. I. Sullivan. 2,537,124, Jan. 9.
Latex and tape applicator for rugs, Combination. C. F. McBride and H. G. Kreps. 2,576,622, Nov. 27.
Latex composition and producing porous diaphragms. H. W. Greenup and V. M. Green. 2,537,631, Jan. 9.
Latex deposited article. L. P. Dosmann. 2,547,694, Apr. 3.
Latex foamed with hydrogen peroxide and a polyamine. E. J. Bethe. 2,567,988, Sept. 18.
Latices from alkali metal catalyzed polymers. W. W. Crouch. 2,568,950, Sept. 25.
Lathe. H. Hansen. 2,573,101, Oct. 30.
Lathe. A. Trosch and W. J. F. Forward. 2,546,913, Mar. 27.
Lathe accessory. F. F. and A. J. Fisher. 2,562,661, July 31.
Lathe and motor mount. J. and C. Mongelli and F. Bender. 2,572,506, Oct. 23.
Lathe attachment for cutting spherical shapes. W. S. Blackinton. 2,574,240, Nov. 6.
Lathe, Automatic. G. A. Petersen and W. C. M. Dietrich. 2,539,320, Jan. 23.
Lathe, Automatic and manually operated. S. Globash and M. A. Guiliano. 2,554,102, May 22.
Lathe, Automatic screw-cutting. E. Bodmer. 2,548,937, Apr. 17.
Lathe, Automatic screw-cutting. E. Bodmer. 2,578,221, Dec. 11.
Lathe centering device, Wood. A. W. McNickle. 2,556,595, June 12.
Lathe control. E. P. Bullard, III, and C. M. Grinage. 2,579,998, Dec. 25.
Lathe dog and vise, Combination. L. Royer. 2,543,990, Mar. 6.
Lathe fixture, F. E. Pechner. 2,557,138, June 19.
Lathe for engraving cylindrical surfaces, with self-rectification. M. Bonnet. 2,578,222, Dec. 11.
Lathe, Jeweler's. A. S. Thompson. 2,544,812, Mar. 13.
Lathe, Multiple. M. Mialhe. 2,559,025, July 3.
Lathe spindle speed control mechanism. W. G. Hoelscher. 2,572,479, Oct. 23.
Lathe transmission and control mechanism. H. J. Siekmann and G. J. Kasselmann. 2,545,053, Mar. 13.
Lathe unit. C. D. Blair. 2,538,228, Jan. 16.
Launching a ship's lifeboat, raft, or similar appliance. A. Vreugdenhil. 2,545,011, Mar. 13.
Launching and lowering gear. W. C. Rouse and W. E. Morley. 2,550,087, Apr. 24.
Launching apparatus for rocket craft. R. H. Goddard. 2,555,083, May 29.
Laundering apparatus. E. M. Collins. 2,556,153, June 5.
Laundering machine, Electroautomatic. D. F. Bernhardt. 2,538,290, Jan. 16.
Laundry apparatus. C. M. Dunlap. 2,562,533, July 31.
Laundry apparatus for washing and centrifuging clothes. T. P. Calhoun. 2,559,708, July 10.
Laundry drier. J. R. Moore. 2,540,955, Feb. 6.
Laundry machine. P. W. Douglas. 2,539,533, Jan. 30.
Laundry machine construction including a diaphragm extractor. J. F. Horvath. 2,561,120, July 17.
Laundry machine having washing, rinsing, and liquid expelling means. E. C. Olson. 2,574,752, Nov. 13.
Laundry machine of the squeezer type, Automatic. J. F. Horvath. 2,561,119, July 17.
Laundry washing apparatus. E. Davis and W. F. Gayring. 2,540,431, Feb. 6.
Lauryl pyridinium 2-(5-chlorobenzothiazyl)-sulfide. L. A. Brooks. 2,555,024, May 29.
Lawn cleaner. F. D'Astici. 2,561,500, July 24.
Lawn edger. W. F. Broderick. 2,564,148, Aug. 14.
Lawn edger. R. J. Gordon. 2,563,031, Aug. 7.
Lawn edger. M. A. Whitaker. 2,574,453, Nov. 6.
Lawn edger. A. H. Witte. 2,537,727, Jan. 9.
Lawn edging cutter. J. G. Hackney. 2,555,441, June 5.
Lawn mower. G. A. Ferrell. 2,538,359, Jan. 16.
Lawn mower. B. T. Grobowski. 2,548,721, Apr. 10.
Lawn mower. M. P. Laughlin. 2,549,317, Apr. 17.

Lawn mower. L. J. Puls. 2,565,044, Aug. 21.
Lawn mower. L. N. and A. Smith. 2,564,586, Aug. 14.
Lawn mower and edge trimmer, Combined. G. D. Berdan. 2,556,790, June 12.
Lawn mower and lawn mower attachment for tractors. C. W. Kelsey. 2,546,265, Mar. 27.
Lawn mower and snowplow, Combination. J. P. Heil. 2,566,724, Sept. 4.
Lawn mower attachment. J. Barton. 2,554,805, May 29.
Lawn mower, Disk type. G. W. Daggett. 2,557,598, June 19.
Lawn mower, Disk type. R. E. Pervis. 2,568,822, Sept. 25.
Lawn mower, Electrically operated. O. E. Ross. 2,561,293, July 17.
Lawn mower having a slidable and tiltable reel. G. D. Berdan. 2,574,725, Nov. 13.
Lawn mower, Motorized. E. A. Callison. 2,566,164, Aug. 28.
Lawn mower, Power. B. B. Buckingham and R. K. Viles 2,545,647, Mar. 20.
Lawn mower reel drive. E. L. Boyce and M. D. Burrows. 2,571,669, Oct. 16.
Lawn mower, Rotary blade power. C. Walte, Sr. 2,577,938, Dec. 11.
Lawn mower, Rotating cutting disk type. W. G. Bosworth. 2,547,738, Apr. 3.
Lawn mower sharpening machine. J. T. Masterson. 2,554,676, May 29.
Lawn mower sharpening machine. M. M. Rickman. 2,562,578, July 31.
Lawn mower wheel. A. R. Lambert. 2,551,018, May 1.
Lawn mower with removable reel. P. L. Loewe and E. L. Boyce. 2,547,401, Apr. 3.
Lawn roller. L. E. Donnelly and C. A. Wheeler. 2,580,084, Dec. 25.
Lawn shaver. E. J. Koch and B. D. Albin. 2,547,328, Apr. 3.
Lawn sweeper and leaf disintegrator. A. Bjorklund. 2,564,352, Aug. 14.
Lawn trimmer. E. Allen. 2,574,947, Nov. 13.
Lawn trimmer. S. H. Boggs. 2,538,230, Jan. 16.
Lay flat tubing, Manufacture of. J. Bailey. 2,559,386, July 3.
Lay for narrow ware looms. E. R. Holmes. 2,558,488, June 26.
Lay for narrow ware looms. E. R. Holmes and P. L. Safford. 2,580,175, Dec. 25.
Layout and measuring device. L. V. Parsons. 2,549,634, Apr. 17.
Layout fixture for cutting operations on wooden trim. J. Bollons. 2,560,756, July 17.
Layout vernier. J. W. Joseph. 2,559,966, July 10.
Leaching copper ores. W. G. Scott. 2,563,623, Aug. 7.
Lead and producing same, Red. C. H. Olsen. 2,548,047, Apr. 10.
Lead arsenate in the form of flat, plate-like crystals, Production of a. R. J. Thrift. 2,549,945, Apr. 24.
Lead cutting tool. R. V. Drake. 2,561,185, July 17.
Lead for electron discharge devices. A. C. Grimm. 2,558,357, June 26.
Lead pot furnace. C. M. MacChesney. 2,564,849, Aug. 21.
Lead silicate, Manufacture of. N. J. Read. 2,563,367, Aug. 7.
Lead wire construction and sealing. H. K. Ishler. 2,570,683, Oct. 9.
Lead wire for fluorescent lamps. L. R. Peters. 2,542,352, Feb. 20.
Lead wire positioner. G. Cooper, W. Reussner, and F. T. May. 2,554,013, May 22.
Leader holder. A. G. Lampe. 2,553,097. May 15.
Leader, trolling spinner, and fishhook, Combination. K. R. Hatt. 2,572,721, Oct. 23.
Leaf and paper gathering device. D. D. Thomas. 2,552,467, May 8.
Leaf gathering and disposal machines. H. G. Gregory. 2,538,643, Jan. 16.
Leaf spring band construction. M. V. O'Donnell. 2,571,475, Oct. 16.
Leaf turner. D. S. Boyd. 2,574,013, Nov. 6.
Leaf turner device. D. S. Boyd. 2,551,485, May 1.
Leaf type filter. G. V. Woody and C. W. Bilbe. 2,555,724, June 5.
Leakproof and siftproof package. R. A. Farrell. 2,569,851, Oct. 2.
Leakproof dry cell. E. D. and E. J. McEachron, G. H. Schroeder, and H. G. Friang. 2,541,931, Feb. 13.
Leakage prevention for injection molding nozzles. W. H. Fellows and C. W. Burnham. 2,579,809, Dec. 25.
Leakage testing apparatus. E. M. Hunt. 2,579,495, Dec. 25.
Learner (driver) distinguishing plate. P. Whitwell. 2,576,374, Nov. 27.
Leash or tether post. E. A. Johnson. 2,551,540, May 1.
Leasing, Method of and apparatus for. J. F. Keith and D. C. Smith, Jr. 2,579,322, Dec. 18.
Leather compacting and burnishing machine. J. J. Maciejowski and R. W. Daniels, Jr. 2,571,149, Oct. 16.
Leather compacting machines using work surface conforming anvils. M. Maeser and R. W. Daniels, Jr. 2,538,159, Jan. 16.
Leather softening adhesive. T. Gelinas. 2,580,167, Dec. 25.
Leather straps, Making. P. J. Shivell. 2,568,770, Sept. 25.
Leather trimming device. R. W. Hall. 2,576,878, Nov. 27.
Ledger roll. P. J. Schaff. 2,539,757, Jan. 30.
Ledger tray cabinet. N. S. Welk. 2,569,209, Sept. 25.
Leg and foot rest. J. A. Revercomb. 2,566,498, Sept. 4.
Leg and foot rest, Vertically swinging adjustable. M. Watter. 2,563,629, Aug. 7.
Leg brace. L. C. Thornton. 2,578,108, Dec. 11.
Leg brace knee joint. W. Ruetting. 2,570,382, Oct. 9.
Leg for bed springs. R. Weisman. 2,561,718, July 24.
Leg mount for furniture, Self-retaining. R. E. Miller. 2,568,507, Sept. 18.
Leg rest and reclining seat for vehicles, Combination. M. Watter. 2,571,080, Oct. 9.
Leg structure for furniture, Detachable. F. B. Kompass. 2,552,286, May 8.
Leg support for combination commode and high chair, Folding. W. L. Forrest. 2,579,040, Dec. 18.
Leg support for inspection or surgical tables, Adjustable folding. C. C. Curtis. 2,552,370, May 8.
Leg support means, Multiple. W. J. MacLellan. 2,542,040, Feb. 20.
Lens adjusting mechanism. J. B. Walker. 2,547,187, Apr. 3.
Lens aligner. L. Pollock. 2,539,324, Jan. 23.
Lens and guard, Plastic. M. C. Kessler, Jr. 2,540,953, Feb. 6.
Lens, Apochromatic process. W. Schade. 2,544,901, Mar. 13.
Lens attachment, Fog. J. Dominick. 2,539,819, Jan. 30.
Lens attachment, Headlight. R. O. Ferguson. 2,565,763, Aug. 28.
Lens beveling machine. A. Lemay. 2,575,022, Nov. 13.
Lens block. M. Suben. 2,542,101, Feb. 20.
Lens chuck. E. M. Long and J. F. McCarthy. 2,573,668, Oct. 30.
Lens, Corneal contact. G. H. Butterfield. 2,544,246, Mar. 6.
Lens, Deep focus. S. E. Garutso. 2,546,996, Apr. 3.
Lens diaphragm control mechanism for process cameras, Automatic. W. N. Urie. 2,570,888, Oct. 9.
Lens, Dielectric. A. M. Skellett. 2,547,416, Apr. 3.
Lens dissolution method and apparatus. F. C. P. Henroteau and S. S. Ulrich. 2,543,019, Feb. 27.
Lens for electron optical systems, Magnetic. J. H. Reisner, Jr. 2,579,273, Dec. 18.
Lens for low-power telescopes, Erector. W. D. Orser. 2,541,014, Feb. 13.
Lens for microscopes, Electronic. H. Bruck. 2,554,170, May 22.
Lens for spectacles affording increased field of vision, Ophthalmic. E. B. Gatten. 2,537,047, Jan. 9.
Lens inspecting and layout device. H. C. Barile. 2,546,329, Mar. 27.
Lens mount. F. L. Baxter, Jr. 2,571,186–7, Oct. 16.
Lens mount and film gate arrangement for projection apparatus. O. Wittel and C. E. Swing. 2,571,804, Oct. 16.
Lens mount for cameras. E. Guinchard. 2,541,469, Feb. 13.
Lens mount, Temperature compensating. C. M. Lee and G. L. Barringer. 2,537,900, Jan. 9.
Lens mounting and film support for microfilm apparatus, Combination. U. E. Pratt and G. F. Gray. 2,538,269, Jan. 16.
Lens, Multicellular microwave. D. S. Bond. 2,553,166, May 15.
Lens, Ophthalmic. G. B. Wootten. 2,543,949, Mar. 6.
Lens, particularly for viewing traffic lights, Prismlike. M. U. Squiers. 2,549,541, Apr. 17.
Lens screen to produce stereoscopic effects. W. Henson. 2,550,350, Apr. 24.
Lens system. A. Bouwers. 2,538,291, Jan. 16.
Lens system, Catadioptric. H. F. Bennett. 2,571,657, Oct. 16.
Lens system of the petzval type, Three-component. F. G. Back and H. Lowen. 2,578,624, Dec. 11.
Lens system, Optical. D. S. Grey. 2,552,672, May 15.
Lens system, Three-component objective. L. Bertele. 2,562,012, July 24.
Lens system, Wide-angled eyepiece. L. Bertele. 2,549,158, Apr. 17.
Lens with a central reticulated area and differently reticulated surrounding area, Antiglare. N. M. De Leo. 2,558,422, June 26.
Lens with convexly transversely rounded sector defining radii. H. Walder. 2,561,895, July 24.
Lepidinium salts and synthesis. D. W. Heseltine and L. G. S. Brooker. 2,578,304, Dec. 11.
Let-down type rigid top. A. H. Croucher. 2,575,864, Nov. 20.
Letoff motion. H. T. Marcy. 2,565,386, Aug. 21.
Letter sheet and return postal card or envelope, Combined. S. R. Larzelere. 2,559,776, July 10.
Lettering device. J. J. Smith, A. E. Lynn, and E. W. Callender. 2,557,152, June 19.
Lettering device, Photographic. G. A. Lohr. 2,537,069, Jan. 9.
Lettering guide device. D. Bednarczuk. 2,543,714, Feb. 27.

Lettering scriber. W. H. Schneider. 2,574,664, Nov. 13.
Leuco sulfuric acid esters of vat dyestuffs and salts thereof, Preparing. J. Ogilvie and G. Genta. 2,575,463, Nov. 20.
Leuco sulfuric ester of gray vat dye. W. B. Hardy. 2,540,783, Feb. 6.
Level control. C. H. O. Berg. 2,568,379, Sept. 18.
Level control, Adjustable. R. R. Whitley. 2,540,361, Feb. 6.
Level control system. R. L. Pettefer and G. M. Badger, Jr. 2,570,977, Oct. 9.
Level indicator. C. W. Parisi. 2,571,378, Oct. 16.
Level luffing jib crane. I. Kay. 2,579,262, Dec. 18.
Level magnetic attachment. M. Morello. 2,553,668, May 22.
Level marking for telephone line finders. C. F. Ffolliott. 2,552,773, May 15.
Level vial mounting. T. F. Vaida. 2,536,788, Jan. 2.
Level wind mechanism. H. Dunn. 2,544,143, Mar. 6.
Level winding means for fishing reels. G. C. von Beck. 2,564,086, Aug. 14.
Leveler for harvesters, Automatic. F. J. Hay. 2,555,034, May 29.
Leveler, Land. C. Whittier. 2,567,534, Sept. 11.
Leveling and contouring apparatus. F. W. Heckert and H. W. Lake. 2,570,122, Oct. 2.
Leveling and scraping apparatus with level maintaining hitch. H. R. Stroup. 2,569,835, Oct. 2.
Leveling apparatus for motor vehicles, Hydraulic. E. Richter. 2,545,493–4, Mar. 20.
Leveling bridge. K. J. Unwin. 2,557,058, June 12.
Leveling device. A. H. Buell. 2,566,481, Sept. 4.
Leveling device. R. A. Hanson. 2,564,202, Aug. 14.
Leveling device. A. H. Peters. 2,571,287, Oct. 16.
Leveling device, Wagon hitch. C. D. Prosser. 2,555,559, June 5.
Leveling mechanism, Tractor seat. T. Brown. 2,572,910, Oct. 30.
Leveling mount for camera tripods. O. Blum. 2,563,389, Aug. 7.
Lever actuated operating mechanism for spout closures. W. A. Lebus. 2,574,876, Nov. 13.
Lever and link feed, worm-adjustable, sliding jaw wrench. J. J. McCoy. 2,539,852, Jan. 30.
Lever assembly, Straight pull brake. R. A. Sandberg. 2,543,510, Feb. 27.
Lever for looms, Shipper. G. Cadorette. 2,556,466, June 12.
Lever for rotary bar door fasteners, Operating handle. G. E. Dath. 2,567,366, Sept. 11.
Lever lock. H. A. Scott and J. W. Spieker. 2,579,975, Dec. 25.
Lever mechanism. G. E. Dath. 2,554,562–3, May 29.
Lever mechanism for control instruments. E. C. Burdick. 2,539,117, Jan. 23.
Lever, Multiple purpose double-acting. W. R. Gerry. 2,571,028, Oct. 9.
Lever, Operating. H. A. Thornburg and G. D. Conrad. 2,579,102, Dec. 18.
Lever, Plunger release. O. W. Henrikson and R. L. Sargisson. 2,546,070, Mar. 20.
Lever sequence control. J. M Jacobson. 2,557,351, June 19.
Lever stabilizer, Shifting. A. J. Nejezchleb. 2,561,632, July 24.
Lever structure, Straight pull brake. R. A. Sandberg. 2,543,509, Feb. 27.
Lever, Tire bead loosening hand. G. D. Fox. 2,565,216, Aug. 21.
Lever type piezoelectric transducer. B. B. Bauer. 2,565,586, Aug. 28.
Lever type tire bead loosening tool. E. J. Verdick and J. L. White. 2,573,233, Oct. 30.
Lewis. R. A. Fletcher. 2,563,164, Aug. 7.
License and key container. V. S. Powell. 2,571,609, Oct. 16.
License plate reinforcement sign. K. Berlekamp. 2,579,537, Dec. 25.
Lid and actuating mechanism therefor. G. S. Bretney. 2,552,397, May 8.
Lid closer for receptacles, Automatic. J. G. Elm. 2,565,361, Aug. 21.
Lid, Journal box. G. B. Dorey. 2,561,052, July 17.
Lid, Journal box. G. B. Dorey. 2,567,878, Sept. 11.
Lid or cover holder. C. Normandin. 2,541,604, Feb. 13.
Lid removing device, including a container supporting surface, Lever type. J. J. Kiefer. 2,554,948, May 29.
Lid stay. J. H. Pfeiffer. 2,549,128, Apr. 17.
Lid, Time saver frying pan. N. J. Medved. 2,559,196, July 3.
Lidder with overhead side flushers. J. R. Richards. 2,576,641, Nov. 27.
Lie detector. O. F. Scott and D. T. Fernandez. 2,555,422, June 5.
Lifeboat launching device. O. A. Kuhler. 2,540,535, Feb. 6.
Life preserver. H. A. Goldsmith. 2,538,775, Jan. 23.
Life Preserver. M. Harrow and K. W. Cook. 2,536,847, Jan. 2.
Life preserver. V. H. Hurt and H. T. Sweet. 2,550,562, Apr. 24.
Life preserver. M. Levine. 2,563,122, Aug. 7.
Lift and transfer device, Invalid. S. B. Dean. 2,565,761, Aug. 28.
Lift apparatus. S. R. Feist. 2,539,346, Jan. 23.
Lift, Detachable top. M. P. and J. F. McCarron. 2,546,105, Mar. 20.
Lift for truck bodies, Loading and unloading. E. S. Patton. 2,536,080, Jan. 2.
Lift for wheeled disk harrows, Tractor actuated. R. T. Evans, W. R. Evans, and J. H. Clasen. 2,552,891, May 15.
Lift for wheeled farm implements, Hydraulic. G. Schaubert. 2,545,111, Mar. 13.
Lift, Invalid. G. Q. Rust. 2,541,783, Feb. 13.
Lift mechanism. W. T. Walker. 2,564,289, Aug. 14.
Lift mechanism for industrial trucks. B. I. Ulinski. 2,545,417, Mar. 13.
Lift pin for coupling trailer and draft vehicles. D. A. Hall. 2,548,259, Apr. 10.
Lift, Variable buoyancy. A. J. Levin. 2,537,143, Jan. 9.
Lifter: *See*—
- Baled hay lifter.
- Berth flap lifter.
- Bottle cap lifter.
- Clothes lifter.
- Firebox cover lifter.
- Jar lifter.
- Pan lifter.
- Rotary beet lifter.
- Soil auger lifter.
- Tire lifter.
- Tool lifter.
- Valve lifter.

Lifter and bottle opener, Vacuum cap. A. H. and A. Foster. 2,572,607, Oct. 23.
Lifter for handling objects. R. Nelson. 2,576,235, Nov. 27.
Lifter for lifting roast fowl, meat, etc. J. W. McDevitt. 2,566,577, Sept. 4.
Lifter roof for fluid storage apparatus, Liquid-sealed. J. H. Wiggins. 2,546,572–3, Mar. 27.
Lifting apparatus. B. Laffaille. 2,540,679, Feb. 6.
Lifting apparatus, Fluid pressure actuated. A. Moliskey. 2,548,038, Apr. 10.
Lifting apparatus for grain pits and the like, Door. R. A. Christison. 2,565,202, Aug. 21.
Lifting appliance and the like, Invalid. C. H. Cullen. 2,546,688, Mar. 27.
Lifting attachment for glass table tops. C. O. Shellman. 2,571,626, Oct. 16.
Lifting clamp. S. Robson. 2,573,064, Oct. 30.
Lifting device. J. Villars. 2,569,837, Oct. 2.
Lifting device for trucks, Hydraulic. D. H. Crise. 2,540,569, Feb. 6.
Lifting device, Implement. G. M. Kriegbaum. 2,555,549, June 5.
Lifting device, Mechanical. W. M. Grigsby. 2,570,941, Oct. 9.
Lifting device, Patient. R. J. Valentine. 2,565,536, Aug. 28.
Lifting device, Vehicle. A. Jensen. 2,554,910, May 29.
Lifting finger for reciprocating cutters, Supplemental. P. V. Dye. 2,552,623, May 15.
Lifting jack. R. H. Floyd. 2,546,361, Mar. 27.
Lifting jack. A. C. Howard. 2,575,108, Nov. 13.
Lifting jack. M. B. Janusz. 2,576,016, Nov. 20.
Lifting jack. H. Smith. 2,565,401, Aug. 21.
Lifting means for motor vehicle axles. C. E. Murray. 2,555,808, June 5.
Lifting means, Invalid. E. D. Bedard. 2,539,566, Jan. 30.
Lifting rig. L. D. Smith, C. R. Christianson, R. A. Stearn, and H. H. Hunt. 2,547,502, Apr. 3.
Ligating instrument. C. B. Nagelmann. 2,566,625, Sept. 4.
Light: *See*—
- Adjustable filter dark-room light.
- Battery - operated book light.
- Direction indicating light.
- Electrically operated vehicle safety light.
- Emergency fender light.
- Emergency flare light.
- Enclosed rotating signal light.
- Liquid tight indication light.
- Marine safety light.
- Miniature rotatable beacon light.
- Purse light.
- Rotatable warning signal light.
- Runway marker light.
- Sealed in blinking mine car light.
- Vehicle fender light.
- Vehicle signal light.

Light and horn system, Combined. H. W. Brelsford. 2,579,292, Dec. 18.
Light apparatus, Single station range. J. R. MacKay. 2,570,137–8, Oct. 2.
Light attachment for flash lights, Two-color wand. G. S. Anderson. 2,567,046, Sept. 4.
Light communication system. G. Touvet. 2,538,062, Jan. 16.
Light control, Automobile. G. E. Sauri. 2,542,211, Feb. 20.
Light controlling means. H. J. Brubaker. 2,549,167, Apr. 17.
Light convertible for use as a trouble light, Vehicle road. J. W. Goolsby. 2,553,187, May 15.
Light directing means in a system for measuring thickness of transparent sheets. J. H. Teeple and A. Strickler. 2,578,859, Dec. 18.
Light distributor and wiring conduit for elongated tubular lamps, Combination. M. H. Kruger. 2,559,641, July 10.
Light-electronic scent release. E. I. Stern. 2,562,960, Aug. 7.
Light fast azoic pigments. H. T. Lacey and F. P. Dombroski. 2,573,851, Nov. 6.

Light filter. W. R. Brode and R. J. Morris. 2,579,543, Dec. 25.
Light fitting for tubular electric lamps. A. H. Annell. 2,570,303, Oct. 9.
Light fixture for elongated tubular fluorescent lamps, Electric. N. Neuman. 2,564,273, Aug. 14.
Light fixture for vehicle interior illumination, Reading. A. L. Arenberg and E. C. Zimmerman. 2,552,389, May 8.
Light fixture having a cluster of light sockets mounted thereon, Electric. J. Worth. 2,577,174, Dec. 4.
Light fixture, Loader's extensible. R. G. Preston. 2,538,655, Jan. 16.
Light for automobile radiator caps, Neon. C. E. Rose. 2,576,857, Nov. 27.
Light for automobiles, Running board. P. M. Shook. 2,561,756, July 24.
Light for display cabinets, Fluorescent. H. E. Grindstaff and F. J. Bearden. 2,537,525, Jan. 9.
Light for indicating the condition of vehicle lights, Dashboard. J. R. Lancaster. 2,542,930, Feb. 20.
Light for indicating wave patterns. R. W. Johnston. 2,556,586, June 12.
Light for lanterns, Safety. M. G. Kellermann. 2,564,980, Aug. 21.
Light for motor vehicles, Side. J. Jansoone. 2,576,510, Nov. 27.
Light for rotary wing aircraft, Wing tip. C. L. Morris. 2,555,807, June 5.
Light for truck bodies, Disappearing clearance. A. E. Hargis. 2,571,130, Oct. 16.
Light for use with flashlight batteries, Extension. V. L. Cox. 2,536,355, Jan. 2.
Light having an adjustable light chamber, Portable photographic. F. V. Rahner. 2,545,382, Mar. 13.
Light indicator for stop motions of knitting machines. E. Vossen. 2,564,413, Aug. 14.
Light measuring meter. G. E. Freund. 2,579,661, Dec. 25.
Light meter. R. S. Simons. 2,576,813, Nov. 27.
Light modulation system. P. J. Kibler. 2,557,974, June 26.
Light modulator, Supersonic. A. H. Rosenthal. 2,578,601, Dec. 11.
Light polarizer and making the same. J. Mahler. 2,577,620, Dec. 4.
Light printing means. F. H. Frantz. 2,550,640, Apr. 24.
Light producing method and apparatus. W. B. Smits. 2,567,037, Sept. 4.
Light-salting of herrings. D. A. Hansen. 2,538,310, Jan. 16.
Light-sensitive compositions and plates for photolithography. F. H. Frost and F. E. Brinnick. 2,574,258, Nov. 6.
Light-sensitive electric device. G. K. Teal. 2,556,991, June 12.
Light sensitive elements for color photography. A. B. Jennings. 2,563,469, Aug. 7.
Light sensitive elements for color photography. D. W. Woodward. 2,567,750, Sept. 11.
Light-sensitive photographic stripping element. J. O. Corner. 2,562,527, July 31.
Light shading and directing device. E. L. Blackman. 2,541,633, Feb. 13.
Light source having a bimetallic support arm, Adjustable. D. L. Clark. 2,556,870, June 12.
Light-stabilized compositions of vinylidene chloride or vinyl chloride. G. M. Corbett and N. W. Abernethy. 2,558,701, June 26.
Light stabilizer and regulator system. R. J. Dwyer. 2,573,554, Oct. 30.
Light stable compositions comprising polymeric vinylidene chloride or vinyl chloride. C. B. Havens. 2,552,551, May 15.
Light stop for microscopes, Knife-edge. W. F. Munn. 2,537,846, Jan. 9.
Light transmitting apparatus, Fluid-tight. J. F. Shannon. 2,567,036, Sept. 4.
Light tube changer, Fluorescent. J. E. Sprenger. 2,543,607, Feb. 27.
Light unit, Marine. N. Michelman. 2,558,870, July 3.
Light unit, photographic. E. B. Noel. 2,549,330, Apr. 17.
Lightweight electric motor. C. Pace. 2,569,330, Sept. 25.
Lightweight refrigerant block. R. E. Warne. 2,568,975, Sept. 25.
Lightweight solenoid valve. F. E. Stoner. 2,569,027, Sept. 25.
Light with closure operator controlled switch, Purse. A. H. Kelch, Jr. 2,538,101, Jan. 16.
Light with reflector, guard, and two-part handle, Trouble. G. B. Benander. 2,567,687, Sept. 11.
Light with stepped reflecting surfaces, Sewing-machine. H. Sutter. 2,552,748, May 15.
Light with tripod-forming support, Trouble. M. S. Dunkelberger. 2,570,329, Oct. 9.
Lighted fishing rod. B. L. Organ. 2,579,087, Dec. 18.
Lighter. R. S. Casavant. 2,538,506, Jan. 16.
Lighter. C. A. Fortin. 2,576,453, Nov. 27.
Lighter. L. Hutchinson, F. C. Bristow, and F. W. Binks. 2,552,718, May 15.
Lighter. C. L. Metzler and B. Bowen. 2,551,688, May 8.
Lighter. A. F. Reilly. 2,546,615, Mar. 27.
Lighter. A. Shatkin. 2,553,152, May 15.
Lighter accessory. P. E. Pearl. 2,538,627, Jan. 16.
Lighter actuating mechanism. W. I. Nissen. 2,556,735, June 12.
Lighter and watch, Combined. F. H. Fraser. 2,577,679, Dec. 4.
Lighter, Automatic cigarette. L. Ansel. 2,567,311, Sept. 11.
Lighter, Cigar. A. Harris, A. H. Aronson, and R. L. Burchett. 2,577,122, Dec. 4.
Lighter, Cigar and cigarette. S. Back. 2,539,653, Jan. 30.
Lighter, Cigar and cigarette. A. Bakst and S. L. Ruskin. Re. 23,435. Dec. 4.
Lighter, Cigar and cigarette. R. R. Eratico. 2,551,107, May 1.
Lighter, Cigarette. A. F. Reilly. 2,576,042, Nov. 20.
Lighter, Cigarette. H. Rubin. 2,553,678, May 22.
Lighter, Cigarette. J. Simon and R. S. Temko. 2,541,111, Feb. 13.
Lighter construction. C. A. Fortin. 2,559,497, July 3.
Lighter construction. C. W. Hotze. 2,557,825, June 19.
Lighter, Electric cigarette. A. E. Hutchinson. 2,557,225, June 19.
Lighter, Electric cigarette. B. T. Jones. 2,554,742, May 29.
Lighter, Electric cigarette. F. J. Schroeder. 2,537,710, Jan. 9.
Lighter, Electrical cigar or cigarette. B. T. Jones. 2,554,743, May 29.
Lighter, Electrical cigar or cigarette. B. T. Jones. 2,558,441, June 26.
Lighter, Fire. M. Fracheboud. 2,578,998, Dec. 18.
Lighter for motor vehicles, Safety cigarette. O. Hanson. 2,572,475, Oct. 23.
Lighter, Gas fueled cigar. A. L. Flamm. 2,571,435, Oct. 16.
Lighter, Liquefied petroleum gas. P. W. Felt. 2,561,270, July 17.
Lighter, Match. B. R. Lewis and J. L. Slocum. 2,563,538, Aug. 7.
Lighter, Oil burner. H. Diamond. 2,541,750, Feb. 13.
Lighter, Oil burner. C. H. Harriman and W. H. Oscanyan. 2,574,968. Nov. 13.
Lighter, Pipe and cigarette. B. L. Paige. 2,543,798, Mar. 6.
Lighter, Pocket. W. Dällenbach. 2,558,607, June 26.
Lighter, Pocket. N. D. Sintetos. 2,568,091, Sept. 18.
Lighter, Purse. C. H. Baugh. 2,540,470, Feb. 6.
Lighter, Pyrophoric. E. E. Pearcy, Jr. 2,536,855, Jan. 2.
Lighter, Pyrophoric. C. Zellweger. 2,565,903, Aug. 28.
Lighter, Pyrophoric burner. H. F. McKee and F. A. Kosmerl. 2,553,101, May 15.
Lighter, Pyrophoric cigar and cigarette. J. R. Bayston. 2,544,249, Mar. 6.
Lighter with revolving gas tank, Cigarette. F. A. B. Jones. 2,554,366, May 22.
Lighting and control means for gas burners, Automatic. F. A. Gauger. 2,544,454, Mar. 6.
Lighting apparatus, Adjustable photographic. T. Kaish and S. Saks. 2,547,126, Apr. 3.
Lighting apparatus to replace an incandescent lamp in stand lamps, Circular fluorescent. C. D. Walter. 2,579,026, Dec. 18.
Lighting attachment for telephones. M. K. Laporte. 2,560,653, July 17.
Lighting device and radio receiver or loudspeaker, Combined. L. L. L. Pétel. 2,559,045, July 3.
Lighting device having a lens which gives a long and relatively narrow area of illumination. J. L. Lehman. 2,551,954, May 8.
Lighting equipment. W. L. Burkhart. 2,576,920, Dec. 4.
Lighting fixture and fittings therefor. P. D. Phillips. 2,543,641, Feb. 27.
Lighting fixture, Fluorescent. C. Nitardy. 2,555,000, May 29.
Lighting fixture, Fluorescent. M. Sachs. 2,548,500, Apr. 10.
Lighting fixture for elongated tubular fluorescent lamps. B. C. Pretzer. 2,545,307, Mar. 13.
Lighting fixture for elongated tubular lamps. M. W. Askin. 2,563,635, Aug. 7.
Lighting fixture for elongated tubular lamps. R. I. Berry. 2,570,910, Oct. 9.
Lighting fixture for elongated tubular lamps. W. P. Crockett, Jr. 2,574,019, Nov. 6.
Lighting fixture for elongated tubular lamps. R. C. Dameral. 2,537,398, Jan. 9.
Lighting fixture for elongated tubular lamps. B. A. Mitchell. 2,567,779, Sept. 11.
Lighting fixture for elongated tubular lamps having means to shield the lamps. E. F. Guth. 2,556,690, June 12.
Lighting fixture having isolated compartments, Explosion-proof. T. E. McDowell and P. S. Rockwell. 2,574,882, Nov. 13.
Lighting fixture having means to center and align the fixture on a support, Fluorescent. H. Phillips. 2,574,886, Nov. 13.
Lighting fixture, Indirect. M. Bodian. 2,544,581, Mar. 6.
Lighting fixture, Individual fluorescent. R. M. Runge. 2,565,741, Aug. 28.
Lighting fixture installation. L. K. Schoenbrod. 2,578,022, Dec. 11.

Lighting fixture, Telephone. S. L. Krug. 2,558,259, June 26.
Lighting fixture with adjustable spotlight, Built-in. E. F. Guth. 2,572,825, Oct. 23.
Lighting fixture with reinforcing straps, Fluorescent. S. R. Naysmith. 2,540,904, Feb. 6.
Lighting fixture with rotatable base and rotatable housing, Electric. O. L. Lundquist. 2,567,291, Sept. 11.
Lighting fixtures, Decorative. L. W. Brooks. 2,559,706, July 10.
Lighting for motion-picture projection, Border. R. J. Mullen. 2,558,660, June 26.
Lighting means and systems for airplane landing runways. W. A. Custer. 2,572,451, Oct. 23.
Lighting means for motion pictures, Intermittent. W. E. Celestin. 2,539,228, Jan. 23.
Lighting regulation system for theater lighting and the like. A. Arvidsson and S.-E. Johansson. 2,539,111, Jan. 23.
Lighting set, Train. J. M. Pestarini. 2,551,459, May 1.
Lighting system and apparatus. J. H. Bridges. 2,549,288, Apr. 17.
Lighting system, Diverter. C. Adler, Jr. 2,556,052, June 5.
Lighting system, Electric. W. B. Greenlee. 2,558,747, July 3.
Lighting system embodying two or more arc discharge devices and ballast therefor. L. Mauerer. 2,568,553, Sept. 18.
Lighting system, Oven. V. R. Abrams and P. I. Hollman. 2,557,927, June 26.
Lighting unit, Combined incandescent and circular fluorescent. I. G. Gangbin. 2,538,681, Jan. 16.
Lighting unit, Directional-beam. J. H. Cannon. 2,536,533, Jan. 2.
Lightning arrester. E. F. W. Beck. 2,571,814, Oct. 16.
Lightning arrester. T. L. Dyer, Jr. 2,545,993, Mar. 20.
Lightning arrester. A. J. Fink. 2,542,805, Feb. 20.
Lightning arrester. M. G. Leonard and G. Y. Hager. 2,546,006, Mar. 20.
Lightning arrester. S. Teszner. 2,554,278, May 22.
Lightning protection for transmission lines. H. L. Rorden. 2,549,853, Apr. 24.
Lightning protector for watt-hour meters. E. L. Keller. 2,575,715, Nov. 20.
Lignin compound and product, Making. W. C. Goss. 2,578,695, Dec. 18.
Lignin compounds and making same. J. R. Salvesen and C. Harmon. 2,576,418, Nov. 27.
Lignin-furfuryl alcohol resins and making same. R. N. Evans and A. P. Ingrassia. 2,538,302, Jan. 16.
Lignin products, Producing. C. C. Heritage and W. G. Van Beckum. 2,541,059, Feb. 13.
Lignin resins and making same. R. N. Evans and A. P. Ingrassia. 2,562,898, Aug. 7.
Limb connection for display figures. F. Schumacher and F. Ruppe. 2,572,285, Oct. 23.
Limb cutter. R. S. Norgard. 2,563,264, Aug. 7.
Lime feeding processes and apparatus suitable for water-softening plants. R. P. Moore. 2,564,543, Aug. 14.
Lime spreading attachment for trucks. B. Richey and J. Schofield. 2,555,934, June 5.
Limit bridge detector. B. M. Wojciechowski. 2,576,059, Nov. 20.
Limit control. H. E. Hodgson and R. R. Ranson. 2,561,054, July 17.
Limit-of-movement control. A. Thalmann. 2,556,347, June 12.
Limit stop for aircraft gun mount training mechanisms. F. C. Eastman. 2,536,358, Jan. 2.
Limit stop for variable pitch propellers. C. H. Zimmerman. 2,577,065, Dec. 4.
Limit switch. H. C. Blodgett. 2,571,818, Oct. 16.
Limit switch. G. K. Carlson. 2,566,824, Sept. 4.
Limit torque gauge. F. T. Rice. 2,536,225, Jan. 2.
Limited-area cathode. H. D. Shekels. 2,570,165, Oct. 2.
Linchpin. S. E. Guest. 2,549,459, Apr. 17.
Line and station detecting apparatus. R. G. Bielenberg. 2,562,594, July 31.
Line brightness equalization circuit. G. W. King and F. N. Gillette. 2,569,240, Sept. 25.
Line circuit repeater and transfer apparatus for communication systems. P. N. Bossart. 2,550,958, May 1.
Line clamp. M. D. Bible. 2,545,565, Mar. 20.
Line cleaner. C. R. Head. 2,545,278, Mar. 13.
Line-contact semiconductor device. H. Johnson. 2,580,027, Dec. 25.
Line delay in facsimile. M. Artzt. 2,564,556, Aug. 14.
Line engaging attachment for fishing floats. R. V. Stafford. 2,563,560, Aug. 7.
Line fit connector. J. B. Clapp. 2,559,187, July 3.
Line guide for fishing rods. F. J. Ross. 2,561,675, July 24.
Line guide stabilizer. A. C. Gervais. 2,553,912, May 22.
Line holder. L. R. Herrington. 2,561,572, July 24.
Line holder for fishing line floats. B. F. Geiger. 2,537,663, Jan. 9.
Line identification system. G. T. Baker. 2,550,181, Apr. 24.
Line indicator and copyholder. G. Greenberg. 2,571,567, Oct. 16.
Line measuring meter. W. R. Morby. 2,576,629, Nov. 27.
Line pipe hanger. C. G. Grabe. 2,568,149, Sept. 18.
Line producing device for typewriters. M. G. Lemos. 2,541,705, Feb. 13.
Line purifier. B. R. Wright. 2,557,332, June 19.
Line-space release device for typewriting and like machines. W. C. Jones. 2,569,674, Oct. 2.
Line spacing mechanism for accounting machines. J. T. Davidson, J. R. Ganger, J. H. Crawford and H. F. Sadgebury. 2,536,267, Jan. 2.
Line switch, starting switch, and overload for electric motors, Combination. L. R. Beard, R. E. Seely, and G. C. Holdgreve. 2,571,654, Oct. 16.
Line, Tapered corrugated. R. W. Larson. 2,567,718, Sept. 11.
Line tightener. R. F. Ott. 2,564,499, Aug. 14.
Line-up machine. F. R. Belluche. 2,567,049, Sept. 4.
Linear accelerator. L. W. Alvarez. 2,545,595, Mar. 20.
Linear delay circuit. H. J. Reed, Jr. 2,574,437, Nov. 6.
Linear equation solver, Simultaneous. R. M. Walker. 2,543,650, Feb. 27.
Liner for hot gas chambers. W. W. Mahnken and R. Zecca. 2,544,538, Mar. 6.
Linear force balance angle of attack sensing device. W. H. Kliever. 2,537,932, Jan. 9.
Linear modulation circuit. W. D. White. 2,558,406, June 26.
Linear polyamides, Preparing. T. Koch. 2,562,796, July 31.
Linear polymeric alpha-amino carboxylic acid polyamides from spiro-N-carboanhydrides. R. N. MacDonald. 2,572,843, Oct. 30.
Linear polymeric hydroxy keto esters and preparing same. M. M. Brubaker. 2,557,256, June 19.
Linear polymers which have formal-containing extralinear substituents and which are obtained from mono thylenically unsaturated compounds. M. J. Roedel. 2,570,861, Oct. 9.
Linear structural member. J. L. Barrett. 2,577,671, Dec. 4.
Linear sweep wave generator. T. G. Custin. 2,554,172, May 22.
Linear variation of phase of an oscillator. A. H. Dickinson. 2,562,531, July 31.
Lined waterproof container. R. T. Wriston. 2,565,939, Aug. 28.
Liner and receptacle. H. R. Denton. 2,556,321, June 12.
Liner, Combustion chamber. L. Navias. 2,564,497, Aug. 14.
Liner for locomotive journal boxes, Lateral. P. B. White, 2,552,756, May 15.
Liners for material crushing and grinding mills. D. Weston. 2,566,103, Aug. 28.
Linesman's safety hook. J. C. Weaver. 2,538,178, Jan. 16.
Lining a metallic dry cell anode. M. R. Hatfield. 2,551,799, May 8.
Lining device for caskets and the like. C. W. Lusby. 2,544,168, Mar. 6.
Lining for coffee-making instrumentalities. N. J. Siegrist. 2,546,874, Mar. 27.
Lining for pressure galleries and shafts, Production of a. A. Kieser. 2,568,010, Sept. 18.
Lining for vessels. G. C. Kiefer. 2,537,466, Jan. 9.
Lining for washbowls, Collapsible sanitary. M. E. Lang. 2,563,945, Aug. 14.
Lining pipe. H. F. Kennison. 2,557,544, June 19.
Lining structure for rotary crushers. S. D. Hartshorn. 2,545,202, Mar. 13.
Lining unit. F. T. Paden. 2,563,864, Aug. 14.
Linings for Jordan engines, Making. H. D. Stuck. 2,561,999, July 24.
Link for rivetless chains, Center. A. W. Lemmon. 2,552,897, May 15.
Link mounted brake. C. E. Bricker. 2,575,578, Nov. 20.
Link strap, Expandible. E. Kiefer. 2,561,381, July 24.
Linkage for artificial legs. G. G. Havens. 2,551,537, May 1.
Linkage for hydraulic actuators. L. B. Wales and M. O. Hodges. 2,543,649, Feb. 27.
Linkage mechanism. H. L. Bowditch. 2,561,969, July 24.
Linkage system for foldable vehicle tops. L. D. Milhan. 2,540,454, Feb. 6.
Linoleum compositions. W. Stubblebine. 2,561 427, July 24.
Linoleum cutter. S. Moskowitz. 2,561,941, July 24.
Linoleum scriber. W. Silver. 2,557,699, June 19.
Lint catcher, Washing machine. M. A. Powers and A. Lodge. 2,536,087, Jan. 2.
Lint cotton cleaner. V. L. Stedronsky and C. S. Shaw. 2,569,501, Oct. 2.
Lint remover for knitting machines. W. S. Sharp. 2,538,659, Jan. 16.
Lint screen and assembly for clothes driers. P. E. Geldhof. 2,540,725, Feb. 6.
Lint trap for washing machines, Self-cleaning. R. L. Archbold. 2,555,725, June 5.
Lip-rouge composition, Liquid. L. G. Grate. 2,548,970, Apr. 17.
Lipstick. C. H. Braselton. 2,545,444, Mar. 20.
Lipstick case. V. Natalicchio. 2,552,903, May 15.
Lipstick case. S. Shatkin. 2,568,688, Sept. 18.
Lipstick container. H. B. Greene. 2,556,473, June 12.
Lipstick container. L. E. Isele. 2,542,033, Feb. 20.
Lipstick container. C. W. Mellette. 2,546,195, Mar. 27.

Lipstick container closure and lipstick applicator. P. L. Twisdale. 2,580,139, Dec. 25.
Lipstick holder. A. P. Lynn. 2,574,405, Nov. 6.
Lipstick holder. R. F. Matthews. 2,559,889, July 10.
Lipstick holder. C. M. Tursky. 2,552,697, May 15.
Lipsticks, Making. C. G. Hoos. 2,564,624, Aug. 14.
Liquefaction of air. H. J. Ogorzaly. 2,562,812, July 31.
Liquefying and regasifying natural gases. P. L. Born and D. V. Meiller. 2,541,569, Feb. 13.
Liquid and gas contact apparatus. J. A. Grier. 2,541,757, Feb. 13.
Liquid and gaseous fuel burner. H. Wiant. 2,543,617, Feb. 27.
Liquid and gaseous fuels by synthesis from coal, Production of. I. Mayer and H. J. Ogorzaly. 2,543,795, Mar. 6.
Liquid and solids processing apparatus. W. J. Donohue. 2,539,732, Jan. 30.
Liquid applicator for paper sheets. R. R. Lemmon. 2,541,591, Feb. 13.
Liquid butter applier. G. O. Kimball. 2,556,092, June 5.
Liquid clarifier. W. C. Bauer. 2,572,971, Oct. 30.
Liquid coating composition. J. R. Fisher, Jr. 2,568,188–9, Sept. 18.
Liquid compositions for removing adhesive dressings. M. A. Coler. 2,552,520, May 15.
Liquid conductor heater. M. W. Hanks. 2,547,865, Apr. 3.
Liquid control for storage tanks. J. J. and H. D. McGillis. 2,569,110, Sept. 25.
Liquid control for textile washing machines. S. O. Stageberg. 2,565,150, Aug. 21.
Liquid cooled clutch. H. F. Hobbs. 2,556,809, June 12.
Liquid cooled-radiant heat treatment of tire treads. W. F. R. Briscoe and V. H. Berry. 2,565,063, Aug. 21.
Liquid cooler. W. L. Currie. 2,555,958, June 5.
Liquid cooler. H. W. Kleist. 2,538,015–6, Jan. 16.
Liquid cooling apparatus. J. I. Morrison. 2,571,923, Oct. 16.
Liquid cooling apparatus, Portable self-contained. F. G. Riedel. 2,554,638, May 29.
Liquid cooling device. F. Buchhorn. 2,554,322, May 22.
Liquid detergent feeding device. H. J. Atkinson. 2,579,167, Dec. 18.
Liquid discharge mechanism. M. S. Lipman. 2,573,207, Oct. 30.
Liquid dispenser. A. L. Bobrick. 2,545,988, Mar. 20.
Liquid dispenser. L. T. Lee. 2,554,747, May 29.
Liquid dispenser. D. C. Manders. 2,544,539, Mar. 6.
Liquid dispenser. N. S. Waterman. 2,560,377, July 10.
Liquid distributing device and dosing means therefor. J. D. Robinson. 2,549,012, Apr. 17.
Liquid driven motor. O. A. Granowski. 2,561,858, July 24.
Liquid dropper, Measured volume. I. J. Wolman. 2,579,718, Dec. 25.
Liquid explosive consisting of a nitroparaffin and N-dodecane. J. A. Hannum. 2,560,439, July 10.
Liquid feeding device. G. P. Rose Miller. 2,579,339, Dec. 18.
Liquid feeding system, Internal-combustion engine. C. B. Pierce. 2,558,979, July 3.
Liquid filler. F. D. Chapman. 2,554,939, May 29.
Liquid filler valve. P. E. Luther. 2,574,746, Nov. 13.
Liquid filter. R. G. Tessmer. 2,544,402, Mar. 6.
Liquid flow control device. V. R. Pawelsky, L. V. McCarty, W. A. Biermann, and J. T. Dulak. 2,575,560, Nov. 20.
Liquid fuel and air mixing and supply means for oil burners. C. W. Smith. 2,549,253, Apr. 17.
Liquid fuel burner. S. P. Nemeth. 2,560,364, July 10.
Liquid fuel burner. A. C. R. Thompson. 2,578,272, Dec. 11.
Liquid fuel burning tobacco curing furnace. W. L. Johnson. 2,561,799, July 24.
Liquid fuel combustion chamber for turbine units. S. Allen. 2,560,401, July 10.
Liquid fuel feeding means. H. B. Townley. 2,559,135, July 3.
Liquid-fuel injection means for prime movers. R. J. Ifield and E. A. Watson. 2,540,395, Feb. 6.
Liquid fuel pump. F. M. Evans. 2,576,334, Nov. 27.
Liquid fuel supply system for internal-combustion prime movers. O. N. Lawrence. 2,536,556, Jan. 2.
Liquid fuel supply system for internal-combustion prime movers. O. N. Lawrence. 2,537,681, Jan. 9.
Liquid fuel supply system for thermal power plants. D. D. Streid and C. R. Garbett. 2,552,231, May 8.
Liquid heater. F. E. Oldham. 2,538,586, Jan. 16.
Liquid heater. C. N. Roswell. 2,540,293, Feb. 6.
Liquid heating system. C. N. Roswell. 2,556,107, June 5.
Liquid irradiating apparatus. J. P. Foulds. 2,578,414, Dec. 11.
Liquid level control. J. E. Storment. 2,554,425, May 22.
Liquid level control for jig elevator casings. B. M. Bird. 2,573,389, Oct. 30.
Liquid level control for volatile liquids. T. J. Peukert. 2,577,358, Dec. 4.
Liquid level control system. F. W. Hottenroth. 2,570,-451, Oct. 9.
Liquid level control system and valve therefor. E. M. Deters. 2,556,872, June 12.
Liquid-level flight indicator. J. C. Rogers. 2,551,338, May 1.
Liquid level gauge. R. E. Ekstrom. 2,548,960, Apr. 17.
Liquid level gauge. J. M. Hall. 2,544,262, Mar. 6.
Liquid level gauge. H. L. Norway. 2,546,832, Mar. 27.
Liquid level gauge. J. Y. Taylor. 2,578,104, Dec. 11.
Liquid level indicator. R. L. Crouse. 2,564,676, Aug. 21.
Liquid level indicator. R. C. Hilliard. 2,547,526, Apr. 3.
Liquid level indicator. J. C. Needham. 2,567,823, Sept. 11.
Liquid level indicator. J. Voleau. 2,542,168, Feb. 20.
Liquid level indicator. M. D. Wood. 2,579,717, Dec. 25.
Liquid level maintainer. E. H. Pitney. 2,564,230–1, Aug. 14.
Liquid-liquid contacting. G. H. Hanson. 2,564,970, Aug. 21.
Liquid-liquid contacting tower. R. F. Stearns. 2,569,391, Sept. 25.
Liquid-liquid extraction, Process and apparatus for. M. R. Fenske and B. R. Tegge. 2,580,010, Dec. 25.
Liquid magnesium, Production of. R. Fouquet. 2,558,744, July 3.
Liquid manure spreader. J. H. Brodie. 2,573,179, Oct. 30.
Liquid measuring condenser. L. A. Griffith. 2,563,281, Aug. 7.
Liquid mixing apparatus. H. G. Freeman. 2,577,457, Dec. 4.
Liquid oxygen and fuel feeding apparatus utilizing oxygen for scavenging. R. H. Goddard. 2,555,082, May 29.
Liquid phase oxidation. W. S. Emerson and R. A. Heimsch. 2,552,267–8, May 8.
Liquid phase oxidation. C. A. Hochwalt. 2,552,278, May 8.
Liquid polymers from dihydropyran, Production of. J. G. M. Bremner. 2,543,685, Feb. 27.
Liquid polysiloxanes. D. F. Wilcock and D. T. Hurd. 2,547,678, Apr. 3.
Liquid proportioner. S. Cassese. 2,563,211, Aug. 7.
Liquid pulsator system with pressure compensation. W. H. Clark. 2,544,134, Mar. 6.
Liquid pump. R. E. Gordinier. 2,578,798, Dec. 18.
Liquid sampler. W. A. Ray. 2,558,387, June 26.
Liquid sampling apparatus with gas trap. P. H. Jones. 2,541,519, Feb. 13.
Liquid-sealed lifter roof for fluid storage apparatus. J. H. Wiggins. 2,546,573, Mar. 27.
Liquid-sealing means between stationary and rotated parts. R. H. Goddard. 2,544,423, Mar. 6.
Liquid sealing means for fluid storage apparatus. J. H. Wiggins. 2,551,404, May 1.
Liquid separation. S. G. Benham. 2,565,343, Aug. 21.
Liquid separation method and apparatus. L. H. De Haven. 2,549,063, Apr. 17.
Liquid spring resilient unit. H. Shawbrook. 2,563,194, Aug. 7.
Liquid storage apparatus. W. G. Laird. 2,538,875, Jan. 23.
Liquid storage tank. C. Arne. 2,537,954, Jan. 16.
Liquid supply means for power washing cream separator. W. H. Harstick and H. O. Vogel. 2,577,326, Dec. 4.
Liquid surface sensing device. H. A. Quist. 2,580,320, Dec. 25.
Liquid thermal diffusion apparatus. A. L. Jones and E. C. Hughes. 2,541,069, Feb. 13.
Liquid tight indication light. S. L. Frank. 2,560,099, July 10.
Liquid treating apparatus. E. Pick. 2,562,735, July 31.
Liquid treatment of artificial continuous filamentary materials, Method of and apparatus for the. R. W. Stanley and W. B. Lowe. 2,551,646, May 8.
Liquid treatment of thread on a thread-advancing, thread-storage device. K. M. McLellan and A. H. Burkholder. 2,562,199, July 31.
Liquid type indicating gauge. J. A. Jawett and A. D. Bierman. 2,539,665, Jan. 30.
Liquid valve. R. E. Gordinier. 2,578,797, Dec. 18.
Liquid volume indicator. J. R. Pettigrove. 2,568,361, Sept. 18.
Liquids comprising silicyl esters. J. E. Hackford, C. Shaw, and W. E. Smith. 2,550,923, May 1.
List finder. M. S. Pollock. 2,550,598, Apr. 24.
List finding device. W. C. Nein. 2,556,734, June 12.
Lister attachment. C. F. Schumacher. 2,573,281, Oct. 30.
Listening device, Transcriber. R. L. Stone and F. E. Runge. 2,558,278, June 26.
Lithium borohydride, Preparation of. H. I. Schlesinger and H. C. Brown. 2,545,633, Mar. 20.
Lithium cobaltite. R. B. Ellestad and B. R. Babbitt. 2,545,424, Mar. 13.
Lithium magnesium tungstate phosphor. A. P. Rice. 2,558,913, July 3.
Lithium manganite and producing same. R. B. Ellestad, R. M. Stewart, and B. R. Babbitt. 2,562,705, July 31.
Lithographic printing plate. J. Finno. 2,561,353, July 24.
Lithographic process. J. Finno. 2,561,354, July 24.
Litter conditioner and scratch feed or lime distributor. A. B. Ward. 2,545,059, Mar. 13.
Litter stirring and lime admixing apparatus. T. D. Jorgensen. 2,539,253, Jan. 23.
Live bait hook. L. Dohmeyer. 2,559,409, July 3.
Live center. O. E. Janson. 2,536,687, Jan. 2.

Live coal spreader for underfeed type of stoker furnaces. T. W. Faull. 2,561,918, July 24.
Live fish bait container. H. E. Robertson. 2,572,763, Oct. 23.
Live fowl holder. L. F. Garfield. 2,548,013, Apr. 10.
Live line detector. H. S. Petch. 2,575,680, Nov. 20.
Live stock car shutter structure. J. M. Coyner. 2,570,324, Oct. 9.
Livestock feed. R. J. Block. 2,569,282, Sept. 25.
Livestock prod. J. Juergens. 2,561,122, July 17.
Living accommodations in airplane wings. R. A. Robert. 2,554,122, May 22.
Load anticipator for balers. S. J. Stevenson, T. H. Klusman, and H. S. Fisher. 2,562,585, July 31.
Load anticipator for engines. S. J. Stevenson, T. H. Klusman, and H. S. Fisher. 2,562,586, July 31.
Load binder. E. J. Carroll. 2,559,185, July 3.
Load binder. E. M. Smith. 2,564,821, Aug. 21.
Load bracing apparatus. E. G. Mangels. 2,540,207, Feb. 6.
Load bracing frame. H. D. Stone. 2,565,997, Aug. 28.
Load bracking bulkhead. C. T. Kilgore. 2,543,175, Feb. 27.
Load break device. A. G. Steinmayer. 2,548,129, Apr. 10.
Load carrying attachment for bicycles, motorcycles, and the like. L. W. Hampton. 2,578,243, Dec. 11.
Load-carrying attachment for toy tractors. R. O. Warner. 2,557,851, June 19.
Load compensating brake equipment. E. S. Cook, G. T. McClure, and J. W. Rush. 2,575,943, Nov. 20.
Load discharging unit for vehicles. R. G. Le Tourneau. 2,573,269–70, Oct. 30.
Load gripper for vehicles such as lift trucks. R. B. Gunn, Jr. 2,560,438, July 10.
Load handling machine. W. M. Huston. 2,572,029, Oct. 23.
Load lifting and transporting apparatus. A. H. Montour. 2,548,806, Apr. 10.
Load lifting device. H. E. Bramble. 2,575,485, Nov. 20.
Load limit control. J. F. Green. 2,578,006, Dec. 11.
Load measuring device. G. B. R. Feilden. 2,580,162, Dec. 25.
Load measuring system for automatically controlling the closing and opening of circuit breakers. C. A. Schurr. 2,552,909, May 15.
Load moving equipment, Portable. J. F. Pittman. 2,547,773, Apr. 3.
Load-responsive device. E. T. Howes. 2,571,718, Oct. 16.
Load restrained automatic return gate. H. L. Baxter. 2,557,857, June 19.
Load retainer. H. D. Barber. 2,577,504, Dec. 4.
Load retaining strip. J. M. Moon. 2,559,783, July 10.
Load supporting rack. G. M. Betterton and A. J. Mello. 2,554,657, May 29.
Load supporting structure, Portable. A. R. Kane. 2,563,470, Aug. 7.
Load suspending vehicle body. J. Evanoff and H. L. Castino. 2,578,052, Dec. 11.
Load transfer device. D. E. Willard. 2,572,552, Oct. 23.
Load transfer device. R. C. Yeoman. 2,552,831, May 15.
Loader. A. Ford. 2,551,322, May 1.
Loader attachment, Hay. M. M. Rossiter. 2,543,302, Feb. 27.
Loader, Automatic guide push elevator truck. G. D. Miller. 2,536,763, Jan. 2.
Loader, Bale. M. W. Ellefson. 2,551,427, May 1.
Loader for refuse collecting trucks. E. C. C. Miller. 2,573,584, Oct. 30.
Loader for vehicles, Overhead. T. E. Westall. 2,560,674, July 17.
Loader, Grain bin. H. C. Sturgeon. 2,544,570, Mar. 6.
Loader mechanism for tractors. R. W. Keeler. 2,538,102, Jan. 16.
Loader, Portable. J. I. Morgan and B. B. Chisholm. 2,564,169, Aug. 14.
Loader, Snow. F. C. Hasskamp. 2,547,752, Apr. 3.
Loader, Truck. A. C. Hensley. 2,541,965, Feb. 13.
Loading and discharging device, Reel oven. E. R. Bain. 2,552,759, May 15.
Loading and exploding charges in a borehole. J. R. Hughes. 2,550,563, Apr. 24.
Loading and firing mechanism, Air gun. L. V. Kapsa. 2,567,643, Sept. 11.
Loading and unloading attachment for automotive vehicles. W. A. Orlowsky. 2,571,751, Oct. 16.
Loading and unloading conveyer mechanism, Vehicular. J. J. Sanger and H. G. Poague. 2,556,399, June 12.
Loading and unloading mechanism for baking oven conveyers. C. J. Rundquist. 2,541,386, Feb. 13.
Loading and unloading mechanism, Truck. L. I. Belden. 2,557,253, June 19.
Loading appliance. R. Milik. 2,574,187, Nov. 6.
Loading apparatus, Conveyance. W. W. Smith. 2,570,726, Oct. 9.
Loading apparatus with automatic stop at successive levels, Magnetic crate. P. E. Fischer and E. Ardell. 2,540,612, Feb. 6.
Loading apron for scrapers. W. and J. D. Rapp. 2,537,910, Jan. 9.
Loading attachment for hay wagons, Automatic. W. H. Rodefeld. 2,564,234, Aug. 14.
Loading boom construction. A. E. Hall. 2,572,336, Oct. 23.
Loading cops. F. L. Foderaro. 2,545,919, Mar. 20.
Loading device. R. L. Dosier. 2,542,910, Feb. 20.
Loading device. E. A. Ernst. 2,549,370, Apr. 17.
Loading device. M. A. Hollengreen and W. E. Happel. 2,559,430, July 3.
Loading dock cover. V. D. Eshnaur. 2,567,995, Sept. 18.
Loading dry granular mixtures. F. Weyerhaeuser. 2,579,527, Dec. 25.
Loading dump body. J. E. Dalton. 2,550,230, Apr. 24.
Loading machine. R. D. MacDonald. 2,564,486, Aug. 14.
Loading machine. J. B. McDade. Re. 23,392, July 17.
Loading machine, Agricultural. E. H. Appel. 2,543,563, Feb. 27.
Loading machine, Hay. W. J. Propheter. 2,546,562, Mar. 27.
Loading mechanism for continuously rotated chucks, Automatic. R. A. Ashton. 2,546,684, Mar. 27.
Loading method and apparatus. C. M. Martin. 2,565,567, Aug. 28.
Loading thread advancing rolls, Method and apparatus for. S. W. Barker. 2,545,015, Mar. 13.
Local battery party-line lockout system. R. E. T. Ringkjob and W. Pouliart. 2,543,062, Feb. 27.
Locating and indicating top dead center on engines. R. R. Beezley. 2,568,109, Sept. 18.
Locating deposits. J. R. Menke. 2,551,449, May 1.
Locating inserts in castings. C. A. O'Neill, W. W. Harris, and M. Guyot. 2,552,810, May 15.
Locating interstrand short circuits in stranded armature bars. R. F. Edgar. 2,546,732, Mar. 27.
Locating leaks in well pipes. I. A. Miller. 2,545,102, Mar. 13.
Locating leaks in wells and well fittings. H. H. Hinson. 2,540,049, Jan. 30.
Locating nonlinearities in inaccessible cables. W. M. Bishop. 2,570,912, Oct. 9.
Locating system, Radio object. W. H. Starks. 2,557,153, June 19.
Locating tool. J. Maxwell. 2,572,502, Oct. 23.
Location of conducting and/or magnetic bodies. S. Whitehead and B. Rosenblum. 2,560,834, July 17.
Locator and wear shoe for frameless window screens. D. J. Rust and J. H. Jensen. 2,554,542, May 29.

Lock: *See*—
- Aircraft cable lock.
- Airplane ground lock.
- Antipickable lock.
- Armature lock.
- Automatic friction lock.
- Automatic window lock.
- Automobile door lock.
- Automobile door safety lock.
- Bedstead corner lock.
- Belt buckle lock.
- Bendable clip box lock.
- Bicycle lock.
- Burglarproof lock.
- Casement window lock.
- Closure lock.
- Comb hair lock.
- Combination keyless lock.
- Combination lock.
- Compartment lock.
- Cylinder lock.
- Defrosting lock.
- Detachable handle lock.
- Door lock.
- Electric door lock.
- Gas tank lock.
- Gust lock.
- Hinge lock.
- Hinged oar lock.
- Hood lock.
- Hydraulically operated mechanical knee lock.
- Ignition switch lock.
- Impact rotary slip lock.
- Keyhole lock.
- Key-operable permutation lock.
- Lever lock.
- Luggage lock.
- Magnetic door lock.
- Metal scaffold connection lock.
- Nut lock.
- Off-center lock.
- Outboard motor lock.
- Permutation lock.
- Pickproof pin tumbler lock.
- Pie lock.
- Retractable handle type closure lock.
- Rope lock.
- Safety lock.
- Sash lock.
- Screw and bolt lock.
- Secret or combination lock.
- Shipping container cover lock.
- Side bar cylinder lock.
- Slide fastener lock.
- Sling keeper lock.
- Speedometer cable fitting lock.
- Steering and ignition lock.
- Telephone handset lock.
- Thread lock.
- Threshold lock.
- Toggle lock.
- Trailer hitch lock.
- Window lock.
- Window or screen lock.
- Window ventilating lock.

Lock. W. F. Hampton. 2,556,918, June 12.
Lock. A. M. Malouf. 2,542,420, Feb. 20.
Lock actuating mechanism, Tilting breech bolt. R. J. Turner. 2,539,644, Jan. 30.
Lock and brake mechanism, Tractor-trailer safety. G. P. Knudsen. 2,560,769, July 17.
Lock and compensator for hydraulic systems. A. R. Patrick. 2,572,190, Oct. 23.
Lock and key. J. Rifkin. 2,557,565, June 19.
Lock and slide for screen or storm windows. E. E. Olsen. 2,553,144, May 15.
Lock assembly, Automobile hood. H. S. Jandus. 2,558,959, July 3.
Lock bolt structure. R. C. Cerf, Jr. 2,562,016, July 24.
Lock casing. F. K. Heyer. 2,538,688, Jan. 16.
Lock construction. D. Shaw, C. Sherwood, and D. T. Cahill. 2,541,723, Feb. 13.
Lock construction for metal tables, Leg. B. B. Bronstein. 2,573,304, Oct. 30.
Lock construction means for metal tables, Leg. B. B. Bronstein. 2,573,305, Oct. 30.
Lock control, Door. J. H. Roethel. 2,560,477, July 10.
Lock control mechanism. W. A. Endter. 2,569,042, Sept. 25.

Lock device for printers' chasses. G. F. Morrison and H. C. Frentzel. 2,546,197, Mar. 27.
Lock device, Multicombination. M. Berger. 2,549,882, Apr. 24.
Lock device, Safety. G. T. Simmons. 2,575,401, Nov. 20.
Lock escutcheon. A. F. Lickteig. 2,538,647, Jan. 16.
Lock for automatic firearms, Pivoted breech bolt. B. Maillard. 2,577,026, Dec. 4.
Lock for automobiles, Trunk lid. L. M. Schuldt. 2,570,390, Oct. 9.
Lock for bladed rotors, Centrifugally controlled coning. M. D. Buivid. 2,549,887, Apr. 24.
Lock for blind bolts. J. B. Black. 2,561,459, July 24.
Lock for bracelets or the like. J. Kurland. 2,548,315, Apr. 10
Lock for brake slack adjusters. H. J. Williams. 2,558,115, June 26.
Lock for breech bolt locking members, Pivoted. B. Maillard. 2,540,684, Feb. 6.
Lock for cabinets. J. H. Page. 2,547,486, Apr. 3.
Lock for diaphragm valves, Automatic stem. E. Wolff. 2,575,402, Nov. 20.
Lock for electric plugs, Releasable. J. J. Dalton. 2,569,037, Sept. 25.
Lock for electric switch boxes and panel board covers, Safety. S. S. Grady. 2,555,331, June 5.
Lock for firearms, Breechblock. C. E. Simpson. 2,555,379, June 5.
Lock for frameless window screen tensioning devices. J. H. Jensen. 2,570,128, Oct. 2.
Lock for guide bushings, Releasable. J. C. Curtis. 2,536,424, Jan. 2.
Lock for hoisting mechanisms, Automatic. H. A. Geerds. 2,550,801, May 1.
Lock for irrigation pipe couplers. R. C. Wyss. 2,572,419, Oct 23.
Lock for power driven tools, Switch. R. B. Pealer. 2,578,317, Dec. 11.
Lock for pressing heads, Hold-down. L. N. Strike. 2,556,009, June 5.
Lock for pressure cookers, Safety handle. M. Goldstein. 2,537,665, Jan. 9.
Lock for railroads, Electric switch. A. Langdon. 2,565,773, Aug. 28.
Lock for roll film camera doors, Safety. A. Simmon. 2,577,160, Dec. 4.
Lock for roll-film spools, Light. J. Mihalyi. 2,575,025, Nov. 13.
Lock for self-loading firearms, Action. P. A. Klocker. 2,576,184, Nov. 27.
Lock for sleeping car rooms, Washbasin. J. J. Mayer. 2,546,129, Mar. 20.
Lock for suction cleaners, Handle. G. R. Coss. 2,542,120, Feb. 20.
Lock for valve caps or the like. E. H. Mueller. 2,550,421, Apr. 24.
Lock for vehicle brake cylinders, Safety. A. P. Crotts. 2,566,874, Sept. 4.
Lock for vehicle doors. A. Fuller. 2,572,129, Oct. 23.
Lock for Venetian blinds, Cord. H. S. Rosenbaum. 2,575,395, Nov. 20.
Lock having key ejecting mechanism. R L Brown. 2,550,184, Apr. 24.
Lock keeper, Adjustable. J. W. Austine. 2,572,428, Oct. 23.
Lock knob and reversible spindle attaching means. R. C. Cerf, Jr. 2,542,117, Feb. 20.
Lock lid, Spinning compartment. P. E. Garrett. 2,544,786, Mar. 13.
Lock mechanism, Door. E. I. Stulpin and W. R. Hajdyla. 2,547,546, Apr. 3.
Lock mechanism, Elbow. J. H. Lambert. 2,573,032, Oct. 30.
Lock mechanism for breech bolts of automatic firearms, Pivoted. H. Lippert and E. Hepperle. 2,536,997, Jan. 2.
Lock mechanism for insulated filing cabinets. C. W. Wikman. 2,547,513, Apr. 3.
Lock nut. F. G. Costello. 2,546,332, Mar. 27.
Lock nut. K. B. Cragg and C. G. Thiene. 2,562,376, July 31.
Lock nut. C. W. Delaney. 2,551,102, May 1.
Lock nut. O. D. Gray. 2,567,933, Sept. 18.
Lock nut. H. G. Maerlender. 2,556,764, June 12.
Lock nut. L. A. Rowe. 2,570,863, Oct. 9.
Lock nut. E. J. Schneider. 2,540,759, Feb. 6.
Lock nut. R. C. Sherwood and B. D. Mouron. 2,554,448, May 22.
Lock nut and bolt. R. A. Tichenor. 2,564,550, Aug. 14.
Lock-nut structure. H. E. Smith, Jr. 2,564,511, Aug. 14.
Lock nut tightening and conduit reaming tool. C. H. Watkins. 2,544,058, Mar. 6.
Lock nut, Thread gripping. O. J. Poupitch. 2,576,890, Nov. 27.
Lock pick, Power actuated. W. J. Miskill. 2,565,254, Aug. 21.
Lock set for doors. C. F. Friend. 2,542,130, Feb. 20.
Lock slider. P. S. Kellum. 2,540,485, Feb. 6.
Lock slider, Automatic. D. Marinsky. 2,542,547, Feb. 20.
Lock slider for fasteners, Automatic. R. C. Legat. 2,551,381, May 1.
Lock slider for slide fasteners, Automatic. H. M. Groff. 2,569,051, Sept. 25.
Lock slider for slide fasteners, Automatic. L. L. Jones. 2,554,252, May 22.
Lock slider for slide fasteners, Friction. W. Mikulas. 2,539,520, Jan. 30.
Lock sling. W. D. Bartlett. 2,560,624, July 17.
Lock structure, Pin tumbler. R. C. Cerf, Jr. 2,555,316, June 5.
Lock-up device, Printing plate. J. R. Parrish. 2,543,255, Feb. 27.
Lock washer. R. T. Hosking. 2,557,288, June 19.
Lock washer. K. L. Shafer. 2,573,226, Oct. 30.
Lock washer. D. V. Stellin. 2,559,833, July 10.
Lock washer. A. B. Waller. 2,561,679, July 24.
Lock with adjustable latch bolt and knob removing means, Closure. E. J. Baumé. 2,542,175, Feb. 20.
Lock with alarm device, Door. H. H. Kempf. 2,563,727, Aug. 7.
Lock with self-locking bolt, Door. R. J. Koreska. 2,564,161, Aug. 14.
Lockable slide fastener. A. Bashover. 2,578,035, Dec. 11.
Locket construction. E. S. Donle. 2,545,267, Mar. 13.
Locking a pivoted wrench jaw in slidably adjusted position. A. G. Goodnight. 2,569,602, Oct. 2.
Locking and adjusting means, Flatlock looper. F. P. Tamburro. 2,546,177, Mar. 27.
Locking and pressure release mechanism for hydraulic motors. B. N. Ashton. 2,576,554, Nov. 27.
Locking and release mechanism for pressure vessel closures. J. E. Oys and A. H. Pinke. 2,544,854, Mar. 13.
Locking arrangement for screws. F. Pischek, E. N. Nagle, and A. Z. P. Anchorena. 2,561,224, July 17.
Locking assembly for loose-leaf binders. E. C. Vevier. 2,553,886, May 22.
Locking closure for flexible tank outlets. L. S. Janczak. 2,574,105, Nov. 6.
Locking closures to containers. J. G. Maitland. 2,551,499, May 1.
Locking construction for paperboard containers, Corner. R. E. Acker. 2,573,379, Oct. 30.
Locking detachable loads to aircraft. T. P. Hall and E. P. Rodes. 2,562,492, July 31.
Locking device. N. E. Blanke and H. J. Sands. 2,575,651, Nov. 20.
Locking device. C. J. Glatt. 2,537,049, Jan. 9.
Locking device. C. Herzstark. 2,566,835, Sept. 4.
Locking device. P. L. Porter and A. D. Armstrong. 2,559,047, July 3.
Locking device. J. V. Rowan. 2,557,892, June 19.
Locking device, Adjustable. E. C. Deal. 2,574,535, Nov. 13.
Locking device, Cylinder. D. R. Crumb. 2,563,215, Aug. 7.
Locking device for automatic firearms. A. F. C. Henckel. 2,538,940, Jan. 23.
Locking device for automobiles, Trunk lid. C. W. Rosenbarger. 2,548,242, Apr. 10.
Locking device for bicycles. S. W. Buxton. 2,576,773, Nov. 27.
Locking device for caliper or wrench-like gauges. L. Matteucci. 2,538,973, Jan. 23.
Locking device for castered airplane main landing wheels. O. W. Loudenslager. 2,575,761, Nov. 20.
Locking device for chairs. C. E. E. Lundquist. 2,565,867, Aug. 28.
Locking device for control surfaces on airplanes. J. L. Bright. 2,561,558, July 24.
Locking device for flexible tapes. E. B. Pechstein. 2,536,766. Jan. 2.
Locking device for folding ironing table legs. H. L. Voigt and R. W. Gerlach. 2,562,074, July 24.
Locking device for gate hinges of a motor-truck body. J. R. Armstrong. 2,548,189, Apr. 10.
Locking device for implement adjustment. C. H. Gemberling. 2,551,532, May 1.
Locking device for luggage compartment lids. J. S. Dix and M. M. Timmons. 2,563,317, Aug. 7.
Locking device for platform rockers. M. Fox. 2,580,165, Dec. 25.
Locking device for power operators, Power failure responsive. E. A. Cunningham, Jr. 2,536,874, Jan. 2.
Locking device for pressure die casting machines, Mold section. J. de Sternberg. 2,564,884, Aug. 21.
Locking device for rocking chairs. A. J. Belisle. 2,549,286, Apr. 17.
Locking device for rocking chairs. A. J. Belisle. 2,562,520, July 31.
Locking device for sliding doors. J. W. Patton. 2,575,465, Nov. 20.
Locking device, Tandem. V. J. Ryan and A. F. Pisacane. 2,543,643, Feb. 27.
Locking device for temporary clamping together two or more pieces of sheet metal. M. Fisher. 2,570,928, Oct. 9.
Locking device for vehicle bodies. J. Sochor. 2,554,962, May 29.
Locking device for wardrobe trunks. J. Luft. 2,557,670, June 19.
Locking device for windows. E. Andersson and C. E. Fogde. 2,548,578, Apr. 10.
Locking device in printing machines. H. Gerlach. 2,553,911, May 22.

Locking device, Pressure cooker. M. H. Graham and C. W. Clemons. 2,565,964, Aug. 28.
Locking device, Saddle. J. M. Walter. 2,555,259, May 29.
Locking device, Threaded. L. F. Mohns. 2,568,162, Sept. 18.
Locking electrical connector. V. L. Ronci. 2,541,294, Feb. 13.
Locking latch handle. R. S. Senseman. 2,559,681, July 10.
Locking license plate holder. J. Meyer. 2,564,986, Aug. 21.
Locking means, Fare box vault door. E. M. Evans. 2,546,498, Mar. 27.
Locking means for accounting machines, Register control. E. L. Wise. 2,549,739, Apr. 17.
Locking means for adjustable telescopic members. W. G. Hume. 2,546,157, Mar. 27.
Locking means for adjusting nuts. D. Firth. 2,577,516, Dec. 4.
Locking means for an excavating bucket tooth, Detachable. M. D. Hostetter. 2,576,225, Nov. 27.
Locking means for boxes. L. James. 2,577,248, Dec. 4.
Locking means for rotary driven members, Automatic. L. J. Verville and F. F. Miller, Jr. 2,573,939, Nov. 6.
Locking means for shaft keys. J. I. Gardner. 2,563,166, Aug. 7.
Locking means, Register. D. S. Willson. 2,547,741, Apr. 3.
Locking means, Setscrew. A. Kost. 2,549,823, Apr. 24.
Locking mechanism, Drawer. C. M. Abrahamson. 2,559,579, July 10.
Locking mechanism for convertible tops. E. E. Lundberg and T. Vigmostad. 2,560,459, July 10.
Locking mechanism for handles of bladed tools. P. S. and T. S. Vosbikian. 2,544,197, Mar. 6.
Locking mechanism for platform rockers. R. A. Burton. 2,541,744, Feb. 13.
Locking mechanism for revolving bins. P. Rosenberg. 2,553,507, May 15.
Locking mechanism for vehicle end gates. W. H. and C. F. Edmonds. 2,551,832, May 8.
Locking mechanism of spring projected latching bolt type. E. W. Johnston. 2,558,361, June 26.
Locking mechanism, Step-by-step combination door. J. J. Dury. 2,536,429, Jan. 2.
Locking or control means for the slide of a plate or film holder for photographic apparatus. M. Schwartz and W. Castedello. 2,576,811, Nov. 27.
Locking rivet. J. P. Francesco. 2,572,022, Oct. 23.
Locking slide fastener. A. P. Bloxsom. 2,552,394, May 8.
Locking slider. R. Feitl. 2,571,024, Oct. 9.
Locking system, Multiple key. C. J. Finke and M. A. Guzman. 2,544,305, Mar. 6.
Locomotive. F. N. Emory. 2,561,269, July 17.
Locomotive and boiler therefor. E. Martin, C. J. Surdy, and J. B. MacKenzie. 2,558,261, June 26.
Locomotive combustion control. F. D. Mosher. 2,547,339, Apr. 3.
Locomotive control system. J. J. Stamm. 2,546,023, Mar. 20.
Locomotive control throttle handle. L. J. Charles and J. E. Justus. 2,540,427, Feb. 6.
Locomotive drive. R. P. Ramsey. 2,539,471, Jan. 30.
Locomotive, Gas turbine. R. C. Allen. 2,575,242, Nov. 13.
Locomotive, Mine. A. L. Lee. 2,547,710, Apr. 3.
Locomotive pilot and coupler therefor. H. H. Wolfe. 2,577,495, Dec. 4.
Locomotive, Tramming. A. L. Lee. 2,555,854, June 5.
Locomotive shroud closure. R. F. Abell. 2,573,755, Nov. 6.
Locomotive stoker distributor head. S. G. Jones. 2,539,306, Jan. 23.
Log arch hook. F. M. Brawand. 2,537,326, Jan. 9.
Log barking apparatus having converging oscillatable water jets and means to proportionally vary center of convergence and amplitude of oscillation. E. C. Shaw. 2,552,871, May 15.
Log bucking chute. W. H. Rathert, L. Wilson, H. L. Murray, C. A. Wilson, and D. W. Martin. 2,563,867, Aug. 14.
Log carrier. R. R. Alexander and W. P. O'Brien. 2,540,803, Feb. 6.
Log groover. D. W. Merrill. 2,561,746, July 24.
Log loading and transporting vehicle. T. Summers. 2,557,580, June 19.
Log-loading device for motor vehicles. M. M. and L. L. McBride, and S. D. Curry. 2,576,187, Nov. 27.
Log turner and deck block for sawmills. J. D. Calhoun. 2,579,901, Dec. 25.
Log turner, Power swung. J. B. Allen. 2,571,177, Oct. 16.
Log turning device. A. Parks. 2,538,163, Jan. 16.
Logging apparatus. R. G. Larson. 2,566,616, Sept. 4.
Logging arch, Self-propelled. R. G. Le Tourneau. 2,572,636, Oct. 23.
Logging drilling rates. D. Silverman and R. W. Stuart. 2,539,758, Jan. 30.
Longchain esters and nitriles, Preparation of. D. C. Pease. 2,561,068, July 17.
Long chain tertiary alkyl amine-penicillin salts and preparation thereof. A. L. Rawlins and H. M. Crooks, Jr. 2,557,762, June 19.

Loom: *See*—

Automatic double shuttle loom.	Hand loom.
Automatic electric transfer fancy loom.	Hand weaving loom.
Double shuttle weft replenishing loom.	Lappet loom.
Gripper loom.	Needle loom.
Gripper-shuttle loom.	Pile fabric loom.
Hairpin type crocheting loom.	Shuttleless loom.
	Spool-gripper carpet loom.
	Weaving loom.

Loom, A. Booth. 2,556,643, June 12.
Loom. H. J. Craymer. 2,544,526, Mar. 6.
Loom check strap. E. S. Meservey. 2,574,275, Nov. 6.
Loom clutch and stop mechanism. J. Fumat. 2,556,751, June 12.
Loom detector mechanism. F. F. Donoghue. 2,556,136, June 5.
Loom harness. J. J. Kaufmann. 2,560,512, July 10.
Loom harness. F. H. Kaufmann. 2,570,815, Oct. 9.
Loom lay. E. H. Ashton and R. G. Mallard. 2,557,044, June 12.
Loom letoff ratchet lever. E. C. Nichols. 2,541,969, Feb. 13.
Loom picker. I. H. Porth. 2,573,273, Oct. 30.
Loom picker. H. J. and P. J. Shivell. 2,549,394, Apr. 17.
Loom reed. A. Hornig. 2,544,882, Mar. 13.
Loom reed. E. J. McFetters. 2,572,365, Oct. 23.
Loom shuttle. J. J. Kaufmann, Jr. 2,537,140, Jan. 9.
Loom shuttle. J. J. Kaufmann, Jr. 2,545,427, Mar. 13.
Loom shuttle. J. J. Kaufmann, Jr. 2,573,666, Oct. 30.
Loom shuttle. G. A. Miller. 2,536,653, Jan. 2.
Loop control system. H. S. Fegely. 2,547,201, Apr. 3.
Loop picker, Sheet metal. S. W. La Rocque. 2,546,643, Mar. 27.
Looper mechanism or replacement unit for multiple needle lock stitch sewing machines. G. A. Boettcher. 2,563,639, Aug. 7.
Looping machine, Circular. R. Grandnom. 2,560,435, July 10.
Loose-leaf binder. E. J. Bloore. 2,572,305, Oct. 23.
Loose-leaf binder. A. Clarke and H. D. Cottrell. 2,575,583, Nov. 20.
Loose-leaf binder. J. P. Guinane and G. R. Barbieri. 2,554,569, May 29.
Loose-leaf binder. J. A. Rennie. 2,571,945, Oct. 16.
Loose-leaf binder combination. B. T. Taylor. 2,542,165, Feb. 20.
Loose-leaf binder construction. J. C. Condon and O. Felix. 2,570,323, Oct. 9.
Loose-leaf post binder. H. H. Moore. 2,570,966, Oct. 9.
Loose sheet holder. R. F. Power and H. A. Cherry. 2,556,633, June 12.
Loss-preventing device for purses. E. C. Henderson. 2,580,296, Dec. 25.
Loss prevention device for earrings. E. Cohen. 2,552,151, May 8.
Lost motion torque transmitting means. E. N. Jacobi. 2,580,026, Dec. 25.
Loud-speaker. R. C. Hunter. 2,551,949, May 8.
Loud-speaker assembly. C. E. Hoekstra and J. C. Radcliffe. 2,554,859, May 29.
Loud-speaker, Coaxial dual-unit electrodynamic. H. F. Olson and J. Preston. 2,539,672, Jan. 30.
Loud-speaker having auxiliary equipment disposed therein. A. W. Page. 2,555,365, June 5.
Loudspeaker mounting. D. E. Graham. 2,563,783, Aug. 7.
Loud-speaker mounting. S. E. Levy. 2,550,359, Apr. 24.
Loud-speaker mounting. B. W. Lowell. 2,563,948, Aug. 14.
Loud-speaker of the double diaphragm type. B. A. Engholm. 2,565,069, Aug. 21.
Loud-speaker, Reflex type. S. E. Levy. 2,545,961, Mar. 20.
Loud-speaker system for drive-in theaters. E. B. Brady. 2,557,408, June 19.
Loud-speaker unit. R. T. Bozak. 2,563,452, Aug. 7.
Loud-speaker with expanding horn unit. G. L. Carrington. 2,568,883, Sept. 25.
Loud-speaker with flexible diaphragm mounting. A. L. Witchey. 2,560,379, July 10.
Lounge chair. J. G. Rideout. 2,560,985, July 17.
Louver and louver bracket for fluorescent light fixtures. W. P. Crockett, Jr. 2,537,305, Jan. 9.
Louver assembly, Adjustable. A. H. Wellensiek. 2,556,352, June 12.
Louver assembly for discharge outlets, Adjustable. C. Romano. 2,555,009, May 29.
Louver, Attic. H. Avers and J. W. Ground. 2,555,626, June 5.
Louver construction. J. C. Cotner. 2,577,072, Dec. 4.
Louver for fluorescent lights, Plastic. L. K. Schoenbrod. 2,579,015, Dec. 18.
Louver, Illumination. J. R. Friend. 2,546,335, Mar. 27.
Louver structure for air coolers. A. D. Goettl. 2,557,502, June 19.
Low bed vehicle. L. C. Gross. 2,544,456, Mar. 6.
Low-distortion oscillator. C. W. Clapp. 2,566,981, Sept. 4.
Low elastic coefficient bodies, devices embodying them and producing them. M. E. Fine. 2,561,732, July 24.
Low-expansion lead-borosilicate glass of high chemical durability. W. H. Armistead. 2,570,020, Oct. 2.
Low-freeze unit. G. L. C. Earle. 2,539,612, Jan. 30.
Low-frequency amplifying arrangement. H. A. Broos. 2,569,973, Oct. 2.

Low-frequency pulse rate indicator. V. L. Heeren. 2,562,913, Aug. 7.
Low friction journal bearing. T. J. Nussdorfer, Jr. 2,542,051, Feb. 20.
Low methoxyl acid pectinate jelly composition. W. E. Barch. 2,559,338, July 3.
Low-ohmic electrical resistance. A. Wirk. 2,568,600, Sept. 18
Low-pressure and vacuum relief valve. R. A. Withrow and R. E. Colvard. 2,575,574, Nov. 20.
Low-pressure hydrogenation process. C. W. Montgomery. 2,561,530, July 24.
Low-temperature drying apparatus. W. H. Hermes, III. 2,570,808, Oct. 9.
Low-temperature polymerization processes. R. M. Thomas and A. B. Small. 2,556,857, June 12.
Low-temperature separation of oil from wax involving initial chilling in a film-type chiller. J. L. Little. 2,567,646, Sept. 11.
Low-viscosity drilling muds. W. E. Bergman. 2,555,265, May 29.
Low-water-loss cement. N. C. Ludwig. 2,576,955, Dec. 4.
Low water-loss cement slurry. P. J. Lea and H. B. Fisher. 2,562,148, July 24.
Lower aliphatic esters, Production of. M. Maincon. 2,575,722, Nov. 20.
Lower alkyl and alkenyl N-(1-napthyl methyl) N-hydroxyethyl amines. G. Rieveschl, Jr. and W. R. Coleman. 2,573,606, Oct. 30.
Lower alkyl (beta-cyanoalkyl)-(lower acyl) aminomalonates. N. F. Albertson and S. Archer. 2,553,737, May 22.
Lowering device, including rocket decelerator, Safety. J. M. Jackson. 2,560,445, July 10.
Lowering ice-buckled cold room floors. A. W. Ruff. 2,561,676, July 24.
Lowering the electrical resistance of soils and of electrode-to-soil contacts. I. H. Sanick. 2,558,159, June 26.
Lubricant. D. E. Adelson. 2,569,122, Sept. 25.
Lubricant. R. F. Bergstrom and J. M. Plantfebar. 2,580,274, Dec. 25.
Lubricant additive. E. B. Cyphers and J. H. Bartlett. 2,562,776, July 31.
Lubricant and dust seal. W. E. Gustin. 2,549,460, Apr. 17.
Lubricant and hydraulic fluid composition. F. J. Watson. 2,549,270, Apr. 17.
Lubricant composition. E. A. Evans and J. S. Elliott. 2,579,038, Dec. 18.
Lubricant composition. R. L. May. 2,538,696, Jan. 16.
Lubricant composition containing dialkyl trihaloalkane phosphonate as an extreme pressure agent. D. Harman and R. E. Thorpe. 2,573,568, Oct. 30.
Lubricant composition of mineral oil containing a condensation product of aliphatic-aromatic ketone and a sulfur chloride. E. Lieber. 2,562,800, July 31.
Lubricant compositions, Foam suppressed. H. W. Rudel and A. D. Kirshenbaum. 2,570,719, Oct. 9.
Lubricant containing a reaction product of water-soluble sulfonic acids and phosphorus sulfide. M. W. Freeman. 2,578,689, Dec. 18.
Lubricant containing alkyl ketone-P_2S_5 reaction product, Mineral oil. E. C. Hughes. 2,553,588, May 22.
Lubricant containing ethers with multiple sulfur or like linkages. G. E. Barker and G. E. Alter. 2,552,510, May 15.
Lubricant control for journal boxes or the like. A. W. Kemp. 2,560,451, July 10.
Lubricant director. E. Mendenhall. 2,548,229, Apr. 10.
Lubricant dispenser. E. P. Sundholm. 2,545,319, Mar. 13.
Lubricant, Extreme pressure. E. B. Cyphers. 2,540,570, Feb. 6.
Lubricant filter. W. S. Cook. 2,547,857, Apr. 3.
Lubricant fitting. C. C. S. Le Clair. 2,546,671, Mar. 27.
Lubricant foam control system for engines. M. L. Edwards. 2,575,315, Nov. 13.
Lubricant, Friction material. R. W. Brown. 2,560,051, July 10.
Lubricant, Glass molding. A. C. Skooglund. 2,549,535, Apr. 17.
Lubricant manufacture. W. N. Axe. 2,554,395, May 22.
Lubricant of polyethylene glycol and a sulfonate, Water-soluble. F. Veatch and J. G. Partch. 2,553,601, May 22.
Lubricant pump. E. W. Davis. 2,543,231, Feb. 27.
Lubricant receiving fitting. T. A. Campbell. 2,539,989, Jan. 30.
Lubricant recovery for cutting machines and the like. F. A. Zaenkert. 2,549,657, Apr. 17.
Lubricant seal. C. N. Bebinger. 2,560,917, July 17.
Lubricant, Soluble metalworking. D. Harman, R. E. Thorpe, and S. K. Talley. 2,562,844, July 31.
Lubricant, Sulfurized. G. N. Cade. 2,545,875, Mar. 20.
Lubricant, Synthetic. P. V. Smith, Jr. and A. H. Popkin. 2,559,521, July 3.
Lubricant system for gas turbine aero engines. G. B. R. Feilden. 2,551,660, May 8.
Lubricant, Triple ether. G. E. Barker. 2,566,157, Aug. 28.
Lubricant, Wire rope. A. J. Morway and J. C. Zimmer. 2,556,289, June 12.
Lubricants. C. M. Loane and L. W. Mixon. 2,546,552, Mar. 27.
Lubricants. F. H. Stross. 2,554,222, May 22.
Lubricants and lubricant additives. J. D. Bartleson and H. P. Lankelma. 2,566,397–8, Sept. 4.
Lubricants, Extreme pressure. E. B. Cyphers. 2,550,406, Apr. 24.
Lubricants for steam turbines. R. G. Mastin. 2,566,389, Aug. 28.
Lubricants, Stabilized. R. E. Burk and E. C. Hughes. 2,551,525, May 1.
Lubricants, Synthetic. L. A. Mikeska and P. V. Smith, Jr. 2,559,510, July 3.
Lubricated plug valve. J. P. Smith. 2,568,935, Sept. 25.
Lubricated plug valve. A. S. Volpin. 2,572,894, Oct. 30.
Lubricated thread. A. Cresswell and E. P. Johnstone, Jr. 2,576,576, Nov. 27.
Lubricated valve. F. Tratzik. 2,562,003, July 24.
Lubricated valve. F. Tratzik. 2,571,966, Oct. 16.
Lubricating and sealing composition of flake copper, powdered lead, graphite, and petroleum vehicle. H. C. Zweifel. 2,543,741, Feb. 27.
Lubricating apparatus. E. W. Davis. 2,561,785, July 24.
Lubricating apparatus. R. Wedeberg. 2,563,765, Aug. 7.
Lubricating attachment for knitting machines. W. R. Slagle. 2,556,007, June 5.
Lubricating composition. D. E. Adelson. 2,574,994, Nov. 13.
Lubricating composition. E. A. Evans and J. S. Elliott. 2,579,037, Dec. 18.
Lubricating composition. D. Harman and G. L. Perry. 2,562,144, July 24.
Lubricating composition. W. T. Stewart and J. O. Clayton. 2,543,735, Feb. 27.
Lubricating composition. W. A. Zisman, C. M. Murphy, Jr., and J. K. Wolfe. 2,539,504, Jan. 30.
Lubricating compositions. R. G. Larsen and K. E. Marple. 2,541,590, Feb. 13.
Lubricating compositions. W. A. Zisman, C. M. Murphy, Jr., and J. K. Wolfe. 2,539,503, Jan. 30.
Lubricating compositions and additives therefor. W. Helmore. 2,551,124, May 1.
Lubricating compositions containing dicarboalkoxy-diheptadecyl selenides. W. T. Stewart. 2,577,719, Dec. 4.
Lubricating compositions, Extreme pressure. E. B. Cyphers and G. M. McNulty. 2,580,005, Dec. 25.
Lubricating compositions, Preparation of. M. Duke, J. Rio, and C. Hohing, Jr. 2,563,013, Aug. 7.
Lubricating device. W. H. Korn. 2,559,041, July 3.
Lubricating device. A. E. Webb. 2,540,975, Feb. 6.
Lubricating device, Clutch release bearing. J. E. Johnson, Sr. 2,549,817, Apr. 24.
Lubricating grease composition. A. J. Morway and P. V. Smith, Jr. 2,575,286, Nov. 13.
Lubricating grease composition. W. W. Shepard. 2,553,423, May 15.
Lubricating grease, Production of. A. J. Morway, H. L. Leland, and G. W. Duncan. 2,565,981, Aug. 28.
Lubricating greases. H. G. Smith, T. L. Cantrell and M. L. Hill. 2,578,851, Dec. 18.
Lubricating means for conical rollers. F. P. Noffsinger. 2,558,313, June 26.
Lubricating means for continuous casting machines. N. P. Goss. 2,561,360, July 24.
Lubricating means resistant to chemical attack. J. F. Gall. 2,548,471, Apr. 10.
Lubricating means, Speed reducer. F. C. Miller. 2,536,385, Jan. 2.
Lubricating mechanism for injection molding apparatus. W. P. Cousino. 2,567,147, Sept. 4.
Lubricating mechanism for strip casting machines. H. L. Horn. 2,540,523, Feb. 6.
Lubricating oil. J. M. Butler. 2,541,686–7, Feb. 13.
Lubricating oil. W. Davey. 2,546,941, Mar. 27.
Lubricating oil. C. Hoffman, T. R. Schweitzer, M. H. Anwar, and G. Dalby. 2,539,422, Jan. 30.
Lubricating oil additives. S. B. Lippincott and L. A. Mikeska. 2,542,542, Feb. 20.
Lubricating oil additives. A. H. Matuszak. 2,563,609, Aug. 7.
Lubricating oil composition. M. W. Freeman. 2,562,904, Aug. 7.
Lubricating oil composition, Anticorrosive. R. W. Mattson. 2,543,325, Feb. 27.
Lubricating oil compositions containing the reaction products of diesters of dithiophosphoric acid and pinene. F. B. Augustine. 2,561,773, July 24.
Lubricating oil containing a combination of metal salts, Mineral. W. T. Stewart and J. O. Clayton. 2,543,734, Feb. 27.
Lubricating oil containing a polymer of oleyl methacrylate. J. M. Butler. 2,544,376, Mar. 6.
Lubricating oil containing a polymer of tetradecyl vinyl ether. J. M. Butler. 2,544,375, Mar. 6.
Lubricating oil containing chlorinated cyclic polymer. R. C. Morris, J. L. Van Winkle, and A. V. Snider. 2,542,286, Feb. 20.
Lubricating oil, Manufacture of. T. J. Walsh, G. L. Ladd, and D. W. Heil. 2,538,066, Jan. 16.
Lubricating oil treating process. W. T. Knox, Jr., and R. L. Weeks. 2,552,435, May 8.
Lubricating oils by condensation of olefinic hydrocarbons, Production of. F. M. Seger and A. N. Sachanen. 2,551,638, May 8.

Lubricating oils, Production of. G. Riethof, C. W. Montgomery, and G. P. Brown, Jr. 2,560,479, July 10.
Lubricating pump. H. Winther. 2,562,757, July 31.
Lubricating rubber during vulcanization. I. E. Coffey. 2,569,151, Sept. 25.
Lubricating system. G. E. Burks, G. T. Lundberg, and H. D. Nichols. 2,549,889, Apr. 24.
Lubricating system. W. P. Dalrymple. 2,540,103, Feb. 6.
Lubricating system. W. P. Dalrymple. 2,546,887, Mar. 27.
Lubricating system. W. M. Evans. 2,579,039, Dec. 18.
Lubricating system. G. Kenoszt. 2,577,658, Dec. 4.
Lubricating system. E. G. Mangels. 2,560,461, July 10.
Lubricating system, Centralized. E. W. Davis. 2,561,786, July 24.
Lubricating system, Engine. W. A. Hunter. 2,548,160, Apr. 10.
Lubricating system for air motors. E. H. Shaff. 2,575,640, Nov. 20.
Lubricating tungsten carbide die holder. P. J. Bairstow and S. E. Tarby. 2,539,716, Jan. 30.
Lubrication apparatus and cabinet. C. W. Ginter. 2,541,352, Feb. 13.
Lubrication fitting. W. A. Morey. 2,566,354, Sept. 4.
Lubrication fittings, Manufacture of. A. L. Staley. 2,566,505, Sept. 4.
Lubrication of the cylinders of piston engines. A. Horowitz and G. Rathenau. 2,564,109, Aug. 14.
Lubrication safety device. J. H. Kyle. 2,543,784, Mar. 6.
Lubrication system. C. S. Jewett and J. Modrovsky. 2,562,722, July 31.
Lubrication system. A. R. Maier. 2,560,233, July 10.
Lubrication system. G. R. Steele. 2,559,134, July 3.
Lubrication system for motors. L. P. Sharples. 2,538,983, Jan. 23.
Lubricator: *See*—
Air line lubricator.
Bearing lubricator.
Car journal lubricator.
Corrugating roll lubricator.
Journal lubricator.
Packing gland lubricator.
Rail and wheel lubricator.
Thread tensioning lubricator.
Traction motor lubricator.
Upper cylinder lubricator.
Lubricator. L. A. Blackburn. 2,546,211, Mar. 27.
Lubricator. J. Kellogg. 2,578,073, Dec. 11.
Lubricator. H. J. Koepke. 2,574,744, Nov. 13.
Lubricator. G. A. Rockburg and H. C. Peters. 2,567,729, Sept. 11.
Lubricator device. H. E. McKinney. 2,555,145, May 29.
Lubricator for air lines. C. S. Brush. 2,569,553, Oct. 2.
Lubricator for air lines. C. S. Brush. 2,572,440, Oct. 23.
Lubricator for motor vehicles, Vapor. W. H. and A. Taber 2,541,129, Feb. 13.
Lubricator for moving conveyer chains. W. F. Mercier. 2,543,638, Feb. 27.
Lubricator for percussive tools O. J. Schorer. 2,536,890. Jan. 2.
Lubricator for rail car journal bearings. M. H. Crabtree. 2,565,476, Aug. 28.
Lubricator for the surface of conveyer belts, Roller. D. L. Sissler. 2,541,301, Feb. 13.
Lubricator with adjustable oil feeder for pneumatic tools. J. W. Arnold. 2,571,098, Oct. 16.
Lubricator with secondary air circuit. C. A. Norgren. 2,564,309, Aug. 14.
Lug for electrical connections, Clamping cam. M. M. De Lorenzo. 2,556,491, June 12.
Lug protector. W. T. Gibson and W. L. Zemberry. 2,544,530, Mar. 6.
Lug remover for dual wheel assemblies. H. V. Factly. 2,550,542, Apr. 24.
Luggage and support therefor, Automobile. R. Goldman. 2,578,238, Dec. 11.
Luggage carrier attached to the back-wheel stays of cycles. J. Bachmann. 2,539,381, Jan. 30.
Luggage carrier for automobiles. R. A. Humphrey. 2,537,587, Jan. 9.
Luggage carrier for vehicles. F. Burri. 2,537,441, Jan. 9.
Luggage case having a removable lining. J. Cochran. 2,574,089, Nov. 6.
Luggage handle. R. Rupert. 2,554,795, May 29.
Luggage, Heavy-duty. G. F. Blume. 2,555,778, June 5.
Luggage, including garment supporting means for long and short garments. B. Platt. 2,545,211, Mar. 13.
Luggage lock. A. Harper. 2,574,033, Nov. 6.
Luggage railing for automotive vehicles. W. F. Allmond. 2,566,303, Sept. 4.
Luggage reinforcing machine and method. R. H. Plass. 2,579,270, Dec. 18.
Lumber dipping apparatus. A. E. Downes. 2,559,286, July 3.
Lumber pile transferrer. W. F. Drew. 2,538,747, Jan. 23.
Lumber stacking vehicle. C. D. Farr. 2,555,792, June 5.
Luminaire. C. H. Rex. 2,578,451, Dec. 11.
Luminaire, Direct-indirect fluorescent. W. H. Keefer. 2,555,089, May 29.
Luminaire for use with fluorescent tubes, Shock resistant. L. C. Doane. 2,544,781, Mar. 13.
Luminaire having end members and quickly detachable side panels. B. D. Levaur and E. D. Altree. 2,566,845, Sept. 4.
Luminaire, Street lighting. K. Franck. 2,566,126, Aug. 28.
Luminaire with glare shielding means for producing an optimum distribution of light on a work surface. L. C. Doane. 2,560,281, July 10.
Luminescent materials and manufacture. B. S. Ellefson. 2,542,122, Feb. 20.
Luminescent object, Transparent. A. E. Neumann. 2,577,030, Dec. 4.
Luminescent screens, Making. S. Pakswer and A. W. Schmidt. 2,573,051, Oct. 30.
Luminescent zinc oxide containing a small amount of zinc sulfide. S. M. Thomsen. 2,573,817, Nov. 6.
Luminous attachment for door knobs. B. Heinz. 2,566,490, Sept. 4.
Luminous attachment for locks. B. Heinz. 2,558,433, June 26.
Luminous attachment for locks. B. Heinz. 2,579,146, Dec. 18.
Luminous discharge tube. J. W. Mitchell. 2,567,491, Sept. 11.
Luminous sign. A. Johnson. 2,562,793, July 31.
Lump-breaker roll for papermaking machines. E. W. Clem. 2,550,774, May 1.
Lunch box container. P. Weed. 2,562,248, July 31.
Lunch kit, Electrically heated. J. B. Aston. 2,577,870, Dec. 11.
Lunch pack. J. Scheel. 2,575,299, Nov. 13.
Lunch receptacle. J. R. Wnuk. 2,545,127, Mar. 13.
Lustrous titanium impregnated yarns, Producing. F. R. Millhiser. 2,563,656, Aug. 7.
Lustrous zinc, Production of. A. E. Chester and D. F. Seymour. 2,548,419, Apr. 10.
Lysine monohydrochloride and derivatives, Production of. K. O. Hambrock. 2,556,917, June 12.
Lysine monohydrochloride, Production of. S. N. Vines. 2,579,283, Dec. 18.
Lysine, Preparation of. A. O. Rogers. 2,564,649, Aug. 14.
m-(3-methylsalicylamido)-benzaldehyde polyvinyl acetals as photographic color couplers. E. L. Martin. 2,538,257, Jan. 16.
Macerator for hulling pits or seeds. H. N. Dybvig. 2,569,156, Sept. 25.
Machinability of quench-hardened alloy steels containing retained austenite. J. F. Boyce. 2,563,672, Aug. 7.
Machine. J. H. Hoern. 2,540,520, Feb. 6.
Machine and method for closing metal tubes. C. L. Dewey. 2,568,991, Sept. 25.
Machine and method for joining plain and ribbed fabrics. T. A. Oliver, Jr. 2,548,234, Apr. 10.
Machine and method for making jar covers. H. Z. Gora. 2,548,303, Apr. 10.
Machine and method for making sealing closures. H. Z. Gora. 2,548,304–5, Apr. 10.
Machine and method for producing a continuous honeycomb structure. J. D. Lincoln and G. M. Thomson. 2,553,054, May 15.
Machine and method for rounding food products. S. M. Hibbard. 2,572,262, Oct. 23.
Machine and method of making ice or the like. C. Field. 2,572,328, Oct. 23.
Machine blade guard, Woodworking. W. Copp. 2,536,627, Jan. 2.
Machine control plate, Adjustable. H. R. Brand. 2,536,155, Jan. 2.
Machine drive, Chocolate casting. K. C. S. Aasted. 2,551,992, May 8.
Machine foot and anchorage. L. E. Lentz. 2,549,692, Apr. 17.
Machine for and method of making spiral pipes. J. H. Taylor. 2,549,032, Apr. 17.
Machine for and method of manufacturing brushes. F. Berg. 2,540,160, Feb. 6.
Machine for and method of manufacturing valve bags. W. F. Grupe and A. P. Bamford. 2,559,873, July 10.
Machine for and method of registering printing plates. E. L. Harley. 2,561,115, July 17.
Machine for applying address labels to mailing pieces. J. E. Doane. 2,555,325, June 5.
Machine for applying adhesive tape to the edges of articles. C. G. Lucenti. 2,557,831, June 19.
Machine for applying banding sleeves to containers. H. G. Allen, W. O. Sims, and E. A. Ebert. 2,579,458, Dec. 25.
Machine for applying clips to springs or the like. C. C. Edwards. 2,537,817, Jan. 9.
Machine for applying mortar bonding material to building blocks. G. W. Walker. 2,574,675, Nov. 13.
Machine for applying pressure to shoe bottoms. H. Gulbrandsen, M. H. Ballard, L. S. Linderoth, Jr., and L. G. Knowles. 2,558,847, July 3.
Machine for applying specular coatings. J. H. Green. 2,569,852, Oct. 2.
Machine for applying substances on irregular shape articles. I. Calles and J. Bucatinsky. 2,539,988, Jan. 30.
Machine for assembling ammunition components, including resistance wire. J. P. Catlin, W. S. Reynolds, and H. E. Hutzelman. 2,559,278, July 3.
Machine for assembling box blanks. L. Triolo. 2,560,315, July 10.
Machine for assembling caps and liners. J. Belada. 2,567,094, Sept. 4.
Machine for assembling pistons to wrist pins and connecting rods. C. A. Birkebak. 2,578,124, Dec. 11.
Machine for attaching plastic heads to pins. J Meyer. 2,551,960, May 8.

Machine for attaching tickets. F. H. Ogden. 2,559,828, July 10.
Machine for automatically applying icing to cakes. C. Hettinger. 2,553,191, May 15.
Machine for automatically packaging articles. C. Hettinger. 2,559,819, July 10.
Machine for automatically packaging conveyer supported products. N. L. Solomon, A. E. Anderson, and W. F. Feyrer. 2,574,196, Nov. 6.
Machine for automatically preparing and vending liquid foods. J. H. Knapp. 2,552,856, May 15.
Machine for barking logs. N. G. Leffler. 2,576,127, Nov. 27.
Machine for bending pipes. P. H. Woods. 2,555,723, June 5.
Machine for bending plates. E. L. Tinley and F. Cartwright. 2,569,962, Oct. 2.
Machine for blanching nut meats. C. T. Nemir. 2,564,916, Aug. 21.
Machine for breaking sheets of crackers into rows. W. W. Clark. 2,555,916, June 5.
Machine for breasting Louis heels. R. H. Pettengill. 2,544,470, Mar. 6.
Machine for buffing, sanding, and the like. H. L. Auten. 2,576,745, Nov. 27.
Machine for burning edges of leather pieces. A. and R. Tosi. 2,571,792, Oct. 16.
Machine for cementing platform soles, Automatic. W. E. Naugler. 2,544,172, Mar. 6.
Machine for checking oiling systems of automobile, truck and tractor engines. C. E. Newman. 2,576,035, Nov. 20.
Machine for cleaning solid articles. J. Bjorksten. 2,563,151, Aug. 7.
Machine for cleaning watch parts, Automatic. O. Schurenberg. 2,565,326, Aug. 21.
Machine for closing and sealing bags. W. J. Habgood. 2,542,135, Feb. 20.
Machine for coating confection bodies. J. F. Robb. 2,577,433, Dec. 4.
Machine for coating insole blanks. H. Phillips. 2,567,234, Sept. 11.
Machine for coating metal on metal pipes or tubing. R. A. Otto. 2,540,006, Jan. 30.
Machine for coating wafers. J. R. Brandt. 2,563,813, Aug. 14.
Machine for collapsing tubes. M. Barnett. 2,536,867, Jan. 2.
Machine for continuous molding. G. S. Bouvier and R. P. Clair. 2,575,092, Nov. 13.
Machine for continuous polishing of wire or rods. P. G. Vinell and B. H. Jernberg. 2,571,632, Oct. 16.
Machine for cooking frankfurters, buns, and the like. R. A. Schultz. 2,561,538, July 24.
Machine for corner scarfing of billets. J. P. Van Fossan. 2,552,827, May 15.
Machine for covering handbag frames. J. A. Netz. 2,569,534, Oct. 2.
Machine for covering knocked down cartons. S. Bergstein. 2,553,740, May 22.
Machine for crocheting cord. M. M. Malis. 2,574,701, Nov. 13.
Machine for cutting and contouring the ends of pipes. I. A. Woerner. 2,561,603, July 24.
Machine for cutting and spacing soap cakes. J. Van Buren. 2,567,041, Sept. 4.
Machine for cutting arcuate members. G. F. Gilson. 2,548,302, Apr. 10.
Machine for cutting contours. L. J. Lambert. 2,539,309, Jan. 23.
Machine for cutting contours in pipe sections for joining main and branch pipes at a desired angle. T. W. Delaney. 2,570,026, Oct. 2.
Machine for cutting glass disks. A. T. Fletcher. 2,576,291, Nov. 27.
Machine for cutting logs into sections. E. C. Avinger and T. T. Murphy. 2,569,878, Oct. 2.
Machine for cutting potatoes or like objects into chips or slices. G. J. Abbott. 2,545,720, Mar. 20.
Machine for cutting potatoes or other objects into chips or slices. G. J. Abbott. 2,539,002, Jan. 23.
Machine for cutting sheet materials. D. Taube. 2,578,637, Dec. 11.
Machine for cutting short lengths of tape from a strip and applying the same to articles. P. J. Dewyer. 2,543,004, Feb. 27.
Machine for cutting tubes and the like. J. L. F. Verney. 2,555,069, May 29.
Machine for cutting tubing. B. E. Frank and J. W. Armstrong. 2,540,166, Feb. 6.
Machine for cutting vines. R. A. Murray. 2,539,199, Jan. 23.
Machine for decorating parts. R. L. Ducklo. 2,543,546, Feb. 27.
Machine for depositing nuts on candy bars. L. H. Zeun. 2,547,516, Apr. 3.
Machine for depositing nuts on candy bars. L. H. Zeun. 2,566,712, Sept. 4.
Machine for developing heliographic papers. L. Veyret and L. Pont. 2,563,666, Aug. 7.
Machine for devulcanizing and regenerating vulcanized rubber. M. P. Fabregat. 2,543,315, Feb. 27.
Machine for dipping bags. E. W. Vredenburg. 2,544,199, Mar. 6.
Machine for displaying rugs. E. Reiss and H. R. Gewertz. 2,577,366, Dec. 4.
Machine for drilling and studding brushes. A. Walther. 2,573,519, Oct. 30.
Machine for edge-coating and bending sheet material. W. R. Wright. 2,566,152, Aug. 28.
Machine for edge grinding plates. W. A. Reaser, E. A. Ziems, and J. M. Christman. 2,579,337, Dec. 18.
Machine for extracting juice from fruits. C. Fischbach. 2,562,452, July 31.
Machine for extracting juices from citrus fruit. R. R. Smith. 2,540,014, Jan. 30.
Machine for facing tapered workshop elements of varying tapers and widths. T. E. Davies. 2,566,697, Sept. 4.
Machine for feeding paper. R. Properzi. 2,571,942, Oct. 16.
Machine for filling hassocks and cushions with filling tube and releasably positioned compressor disk. A. D'Amico. 2,544,222, Mar. 6.
Machine for filling molds with liquid chocolate. S. E. Vingerling. 2,576,054, Nov. 20.
Machine for finish cutting the teeth of gears, gear shaving cutters, and the like. E. W. Miller. 2,549,324, Apr. 17.
Machine for finishing the pages to be dealt with in bookbinding machines. J. A. E. Burls. 2,551,557, May 1.
Machine for first preliminarily and thereafter permanently assembling fittings. H. W. Mackey. 2,536,381, Jan. 2.
Machine for fixing shoelace hooks, eyelets, and the like in workpieces. A. Žížek. 2,555,623, June 5.
Machine for flaring or bending or spinning the edges of openings in sheets of stiff material. C. T. Small. 2,545,976, Mar. 20.
Machine for folding limp, flat articles. C. S. Malott, Jr. 2,579,746, Dec. 25.
Machine for folding strip into tubes or sections. J. B. Picton. 2,561,634, July 24.
Machine for forming a disk-like workpiece with spiral threads. S. S. L. Chang and G. H. Hagerman. 2,566,116, Aug. 28.
Machine for forming concrete pipes. F. L. Fitzpatrick. 2,560,426, July 10.
Machine for forming conoidal surfaces. R. G. R. Touvay. 2,568,040, Sept. 18.
Machine for forming lawn mower blades. W. H. Hannes. 2,566,412, Sept. 4.
Machine for forming package wrappers provided with a tearing strip. E. L. Smith, N. W. Lyon, and C. F. Prince. 2,553,877, May 22.
Machine for forming, packing, and sealing containers, H. F. Waters. 2,565,444, Aug. 21.
Machine for forming sealed plastic containers from deformable material in sheet form. D. H. Pollitt and P. G. Hawe. 2,555,369, June 5.
Machine for forming tapered toothed members. A. Mackmann. 2,539,449, Jan. 30.
Machine for forming the upper segment of in-place concrete pipe. O. E. Jerner. 2,574,213, Nov. 6.
Machine for forming tubular bodies from sheet material. F. Kastel. 2,540,000, Jan. 30.
Machine for frying tortillas. J. P. Pompa. 2,570,374, Oct. 9.
Machine for grinding and polishing blocks of stone. R. H. Davis. 2,569,291, Sept. 25.
Machine for grinding and smoothing rollers. H. Otten. 2,574,349, Nov. 6.
Machine for grinding chain links and like articles. W. G. Anderson. 2,570,302, Oct. 9.
Machine for grinding drills. F. Dixon. 2,556,073, June 5.
Machine for grinding gear wheels. A. Aeppli. 2,567,460, Sept. 11.
Machine for grinding impeller bucket shanks. E. V. Flanders and C. H. Drury. 2,578,531, Dec. 11.
Machine for guiding flexible sheet materials beyond stationary elements. S. M. Hall. 2,551,598, May 8.
Machine for handling glass jars. R. F. Zimpel. 2,540,181, Feb. 6.
Machine for handling sludge. D. L. Perrot. 2,568,821, Sept. 25.
Machine for hard boiling and shelling of eggs. R. A. Williams, Sr. 2,575,608, Nov. 20.
Machine for hardening felt. H. C. Feltham. 2,566,286, Aug. 28.
Machine for high-frequency determination of wall thickness of bottles and the like. T. C. Baker. 2,573,824, Nov. 6.
Machine for inductively welding seamed tubing. C. A. Bowlus. 2,552,514, May 15.
Machine for injection or extrusion of plastic material. H. E. Robinson. 2,566,293, Aug. 28.
Machine for inserting a glass tube into a stopper. W. R. Vreeland. 2,551,652, May 8.
Machine for inserting supplements into signatures. R. Moser. 2,577,261, Dec. 4.
Machine for inspecting glass containers and the like. H. E. Stover. 2,570,729, Oct. 9.
Machine for inspecting workpieces. F. R. Boosey, J. Loxham, A. E. Castleton, and C. J. Hart. 2,556,413, June 12.
Machine for internally threading collapsible tube necks. G. Grosshans. 2,554,405, May 22.

Machine for kneading and conveying plastic substances. A. Gerstenberg. 2,557,649, June 19.
Machine for laminating and reinforcing webs. J. W. Holland. 2,542,139, Feb. 20.
Machine for lining pipe with cementitious material. N. L. Scott. 2,555,377, June 5.
Machine for loading crackers onto conveyers. J. W. Smith. 2,553,683, May 22.
Machine for machining tapered studs. J. M. Appleton. 2,548,137, Apr. 10.
Machine for making an electrode assembly. P. L. Reed. 2,559,547, July 3.
Machine for making applicator swabs. H. L. Barber and G. L. Sellars. 2,557,024, June 12.
Machine for making beaded strands. M. H. Stone. 2,559,479, July 3.
Machine for making bowl covers. J. L. Clark and M. E. Horton. 2,580.075, Dec. 25.
Machine for making containers from plastic tubing. H. S. Ruekberg. 2,579,399, Dec. 18.
Machine for making core boxes. J. O. De Loss. 2,568,187, Sept. 18.
Machine for making corner mounts. G. Stokinger. 2,572,673, Oct. 23.
Machine for making cotton tipped applicators. W. Ganz. 2,576,068, Nov. 20.
Machine for making course height stone veneer. J. Solomito. Re. 23,423, Oct. 23.
Machine for making dentures. I. Neustadter. 2,573,805, Nov. 6.
Machine for making double-stitched gloves. H. Ginsberg. 2,560,100, July 10.
Machine for making filter elements. C. J. Rohland. 2,553,834, May 22.
Machine for making flexible wood filaments. A. Elmendorf. 2,570,926, Oct. 9.
Machine for making foundry cores and molds. H. S. Herbruggen. 2,553,946, May 22.
Machine for making hollow plastic articles, G. W. De Bell. 2,573,693, Nov. 6.
Machine for making lock nuts. C. D. Tripp. 2,436,110, Jan. 2.
Machine for making looped or tufted fabrics. B. Kahn. 2,574,108, Nov. 6.
Machine for making nuts. J. H. Friedman. 2,542,864, Feb. 20.
Machine for making packing cases. R. A. Muller. 2,558,874, July 3.
Machine for making photographic color prints. A. Simmon. 2,565,399, Aug. 21.
Machine for making plaster corner reinforcing strips. C. D. Harvey. 2,571,086, Oct. 9.
Machine for making prebuilt borders for mattresses. S. Schwartz. 2,538,334, Jan. 16.
Machine for making resilient batts. W. H. Browne. 2,571,335, Oct. 16.
Machine for making spring liners. A. Shaner and J. C. Hampson. 2,549,338, Apr. 17.
Machine for making stencils. L. and J. E. Rogers. 2,539,755, Jan. 30.
Machine for making wedge heels. G. R. Constantine and A. F. Ball. 2,573,692, Nov. 6.
Machine for making wood flooring blocks. C. W. Redin. 2,577,630, Dec. 4.
Machine for making wooden heels. F. N. Grasberger. 2,564,003, Aug. 14.
Machine for manufacture of television tubes. G. Hahn. 2,564,897, Aug. 21.
Machine for manufacturing and assembling filler partitions. J. G. Locke. 2,563,947, Aug. 14.
Machine for manufacturing binding tapes or ties. B. Boersma and J. S. Robinson. 2,560,923, July 17.
Machine for manufacturing buttons out of plate material. A. L. van der Heiden. 2,549,034, Apr. 17.
Machine for manufacturing ice. J. R. Bayston. 2,542,892, Feb. 20.
Machine for manufacturing pipes. A. T. Gaudin. 2,544,453, Mar. 6.
Machine for marking buttonholes and buttons on garments. F. Urish. 2,572,682, Oct. 23.
Machine for marking cylindrical articles. C. F. Robbins. 2,536,985, Jan. 2.
Machine for measuring and dispensing granular material. C. V. and I. M. Johnston. 2,573,711, Nov. 6.
Machine for mixing and kneading food products and the like. L. J. Collins. 2,576,575, Nov. 27.
Machine for mixing bottled beverages. S. A. Domack and J. Rutkowski. 2,563,320, Aug. 7.
Machine for moistening gummed tape. W. L. Groves and E. J. Wright. 2,539,016, Jan. 23.
Machine for molding. A. M. Penrod. 2,559,545, July 3.
Machine for molding concrete blocks. F. T. Appleby. 2,572,830, Oct. 30.
Machine for molding concrete blocks. P. Brindle. 2,546,883, Mar. 27.
Machine for molding concrete blocks. J. O. Christensen. 2,567,549, Sept. 11.
Machine for molding concrete blocks. E. Garnich. 2,559,422, July 3.
Machine for molding concrete blocks. L. C. Miller. 2,545,002, Mar. 13.
Machine for molding helical gears. J. Haller. 2,561,735, July 24.
Machine for molding sour rye dough. C. Hettinger. 2,560,864, July 17.
Machine for moving boxcars. A. Selinger and O. Bakke. 2.578,267, Dec. 11.
Machine for opening closure members having crimped flanges. A. E. Almgren. 2,570,186, Oct. 9.
Machine for opening hinged closure members on containers. R. E. J. Nordquist. 2,570,267, Oct. 9.
Machine for operating on shoe lasts. L. E. Topham. 2,551,773, May 8.
Machine for operating on soles. S. Azzara. 2,542,614, Feb. 20.
Machine for operating upon soles. E. F. Small. 2,577,370, Dec. 4.
Machine for packaging ice cream and similar frozen food products. H. R. Schulz. 2,579,096, Dec. 18.
Machine for packaging merchandise rolls. C. J. Gerlach. 2.578.297, Dec. 11.
Machine for packaging pipe cleaners and the like. C. T. Gould. 2,561,271, July 17.
Machine for packing celery bunches in trenches. A. Towe. 2,560,750, July 17.
Machine for packing small fish in cans. P. E. Pearson. Dec. 18.
Machine for painting the interior of pipe bowls. P. Deland. 2,575,007, Nov. 13.
Machine for panning bread and like doughs. I. M. Archer. 2,536,249, Jan. 2.
Machine for peeling shrimp. F. S., J. M., III, and E. M. Lapeyre. 2,537,355, Jan. 9.
Machine for pitting cherries. G. W. Ashlock, Jr. 2,567,591, Sept. 11.
Machine for preparing masking paper. J. L. Watson. 2.571.978, Oct. 16.
Machine for preparing seed cane. W. M. Moragne. 2,544,275, Mar. 6.
Machine for pressing sheet material. R. C. Dennison. 2.538.086, Jan. 16.
Machine for pretreating plastic materials. A. Bánovský and A. Kružík. 2,573,825, Nov. 6.
Machine for printing on containers. R. E. J. Nordquist and W. F. Grupe. 2,567,232, Sept. 11.
Machine for printing on duplex records. R. L. Houston. 2.543,910, Mar. 6.
Machine for processing fur and pile fabrics. R. S. Schaab and J. E. Tiso. 2,552,593, May 15.
Machine for processing sheet-like objects. R. L. Moore and M. Henkin. 2,551,332, May 1.
Machine for producing cam grooves or the like in cylindrical work. V. Palumbo. 2,541,480, Feb. 13.
Machine for producing cams. R. Musyl. 2,553,831, May 22.
Machine for producing display cards. J. Aquilla. 2,537,874, Jan. 9.
Machine for producing gears. A. F. Bauer and A. P. Schauseil. 2,536,413, Jan. 2.
Machine for producing screened relief pattern plates. J A. Boyajean, Jr. 2,575,546, Nov. 20.
Machine for production of gear teeth. R. J. McLeod. 2,556,142, June 5.
Machine for refacing pipe fittings. R. P. Norton, 2,552.998, May 15.
Machine for removing dust from fabrics. H. L. Light. 2,547,952, Apr. 10.
Machine for removing paint. E. E. Bumpus. 2,568,183, Sept. 18.
Machine for removing pneumatic tires from wheel rims. W. W. Walden. 2,542,441, Feb. 20.
Machine for reversely winding webs or fabrics. F. Leach and I. W. Sutcliffe. 2,567,644, Sept. 11.
Machine for rinsing ampoules and the like. J. D. Ratner. 2,536.695, Jan. 2.
Machine for rolling and setting leather. M. McMath, J. C. Henning, and C. R. Sims. 2,540.132, Feb. 6.
Machine for rolling and storing large canvas tents, tarpaulins, and the like. W. C. Sanguin and K. H. Miller. 2,536,571, Jan. 2.
Machine for sanding broom handles. C. B. Oas and C. H. Leonard. 2,572,374, Oct. 23.
Machine for saturating materials. J. D. Beatty. 2,555,673, June 5.
Machine for sawing stone. E. and F. E. Minkler. 2,554,678, May 29.
Machine for scrubbing rugs, floors, and the like. J. D. Conway. 2,540,933, Feb. 6.
Machine for sealing in miniature incandescent lamp bulb mounts. F. E. Bakanau. 2,549.359, Apr. 17.
Machine for seaming thermoplastic material. S. H. Lamport. 2,556,476, June 12.
Machine for securing photographic film in statistical record cards. M. E. Bailey. 2,555,218, May 29.
Machine for semicontinuous coating of material in strip form. J. Wishart and G. H. Bancroft. 2,557,584, June 19.
Machine for separating and feeding counted batches of articles. G. Turrall and C. H. Skinner. 2,563,492, Aug. 7.
Machine for setting up corner locking trays. R. E. Acker. 2,553,733, May 22.
Machine for severing and shaping metal plates. J. H. Bucknam and J. H. Rountree. 2,571,196, Oct. 16.
Machine for shaping uppers over lasts. T. A. Kestell. 2,552,793, May 15.

Machine for shaping wire strands for screens. F. F. Dauenhauer. 2,549,061, Apr. 17.
Machine for sharpening lawn mowers. E. Montey. 2,552,994, May 15.
Machine for sharpening saws. D. Campbell. 2,556,794, June 12.
Machine for sharpening tools, especially those of tungsten-carbide. A. A. Mathieu. 2,548,386, Apr. 10.
Machine for shredding and disintegrating vegetable stalks. L. Haapala. 2,569,307–8, Sept. 25.
Machine for sizing vegetables. P. G. Klem. 2,547,473, Apr. 3.
Machine for skinning fish fillets. J. J. Duggan. 2,568,489, Sept. 18.
Machine for skinning meat. E. K. Hickman and J. B. Lubischer. 2,539,692, Jan. 30.
Machine for skinning meat. W. F. Weber. 2,545,718, Mar. 20.
Machine for slitting rubber backed textile fabric. D. Ferguson, N. MacDougall, and E. P. Meyer. 2,554,298, May 22.
Machine for slotting Venetian blind slats. J. T. Lloyd. 2,543,917, Mar. 6.
Machine for spinning concrete poles, columns, pipes, and other concrete units. H. Gould. 2,567,666, Sept. 11.
Machine for splicing and repairing film. A. Wallingsford. 2,565,009, Aug. 21.
Machine for splicing inner tubes. M. L. Engler and R. M. Wormald. 2,562,540, July 31.
Machine for spray coating the interior of containers. R. W. Smith. 2,557,479, June 19.
Machine for spraying concrete curing compounds. C. J. Heltzel. 2,555,693, June 5.
Machine for spraying the edges of books. H. S. Cahen. 2,542,623, Feb. 20.
Machine for stamping articles. N. E. Bryant. 2,551,092, May 1.
Machine for stitchdown shoes, Rough rounding. J. C. Cantley. 2,543,760, Mar. 6.
Machine for straightening collapsible tubes. D. J. Palermo. 2,553,534, May 15.
Machine for straightening pipe. C. W. McClure and S. Webb. 2,550,842, May 1.
Machine for stretching and coating webs of sheet material. B. D. Hyde. 2,577,013, Dec. 4.
Machine for stripping sheet metal. J. B. Picton. 2,579,700, Dec. 25.
Machine for stuffing olives. G. W. Ashlock. 2,567,590, Sept. 11.
Machine for successively cleaning both sides of centrifugal separator disks. C. H. Abbott. 2,573,173, Oct. 30.
Machine for supplying air to pneumatic relooping tools. A. A. J. Schou. 2,544,051, Mar. 6.
Machine for tacking footwear. K. Kvapin, J. Zaoral, and V. Ostrčil. 2,543,178, Feb. 27.
Machine for taping electrical coils. J. S. Burge, H. J. McKee, and R. M. Goodwin. 2,569,513, Oct. 2.
Machine for teaching perspective drawing. R. J. Hegner. 2,556,620, June 12.
Machine for tenderizing frankfurters. W. N. Justice. 2,552,046, May 8.
Machine for tensioning wire spoked wheels. L. Shakesby. 2,536,317, Jan. 2.
Machine for testing and classifying tubes closed at one end. D. G. Ashcroft and I. F. Stewart. 2,548,645, Apr. 10.
Machine for testing tensile, compressive, bending, shearing, etc., strength of metals or other materials. A. R. Arthuis. 2,577,944, Dec. 11.
Machine for testing the quality of carbon paper, inking ribbons, and the like. J. Strobosch. 2,560,010, July 10.
Machine for the automatic application of unpierced bearing stones to carrier members. R. Brügger. 2,553,808, May 22.
Machine for the continuous manufacture of casting molds. R. A. M. Ronceray. 2,570,717, Oct. 9.
Machine for the manufacture of molded building units. W. A. Grueneberg. 2,568,802, Sept. 25.
Machine for the manufacture of pile and tufted fabrics, rugs, and carpets. G. B. W. Veitch. 2,564,631, Aug. 14.
Machine for the manufacture of small floor-parquetting blocks. A. Stalder. 2,559,378, July 3.
Machine for the preparation of cards for jacquards. O. H. M. J. Dalle. 2,552,942, May 15.
Machine for thermochemically severing metal workpieces. W. J. Greene. 2,574,101, Nov. 6.
Machine for tier parking motor vehicles. E. P. Whelan and B. N. Rosenbaum. 2,571,508, Oct. 16.
Machine for transfer printing onto curved surfaces. V. J. Tenety. 2,542,063, Feb. 20.
Machine for treating and handling heavy leather. J. J. Maciejowski and R. W. Daniels, Jr. 2,571,269, Oct. 16.
Machine for treating fabrics at full width in liquid baths. J. Dungler. 2,545,075, Mar. 13.
Machine for treating prewelt uppers. R. E. Duplessis and E. Quinn. 2,571,123, Oct. 16.
Machine for treating textile goods with dyes and other liquids. G. S. Helliwell and J. L. Swindall. 2,544,424, Mar. 6.
Machine for trimming and removing braid from shielded wire and cable. J. C. Rupert. 2,573,497, Oct. 30.
Machine for trimming bushings. E. L. Erb. 2,463,803, Aug. 14.
Machine for trimming the finger plate on a piano key. H. D. Oslund. 2,544,175, Mar. 6.
Machine for turning and pressing collars. R. W. Hovell. 2,553,194, May 15.
Machine for turning the platform covers of platform shoes. A. D. Willhauck. 2,574,680, Nov. 13.
Machine for use in making fabrics. R. N. Youngblood and W. J. Kluge. 2,550,898, May 1.
Machine for use in making insoles. F. E. Bertrand. 2,573,683, Nov. 6.
Machine for use in the manufacture of shoes. L. G. Miller. 2,556,432, June 12.
Machine for use in the manufacture of shoes. L. E. Proulx. 2,552,813, May 15.
Machine for viewing and photographing documents. H. G. Maser and E. P. Taubes. 2,564,440, Aug. 14.
Machine for washing minerals and ores. A. Ratcliffe and G. W. Talbot. 2,570,072, Oct. 2.
Machine for weaving loops into the fabric during the formation thereof. B. Kahn. 2,547,824, Apr. 3.
Machine for winding a sheath around a core. H. C. Noe. 2,574,154, Nov. 6.
Machine for winding balls. R. D. Weston and E. L. Schick. 2,562,756, July 31.
Machine for winding coils for dynamoelectric machines. W. Swift and E. Mason. 2,546,567, Mar. 27.
Machine for winding shoelaces into coils. M. Copp. 2,564,803, Aug. 21.
Machine for winding strand and ribbon-like materials such as sutures and bandages. R. H. Worsham. 2,574,364, Nov. 6.
Machine for working paper stock and other materials. A. J. Haug. 2,551,946, May 8.
Machine for working rubber or other plastic materials. F. E. Brown. 2,537,395, Jan. 9.
Machine for wrapping coverings around articles. P. Spagnoli. 2,568,260, Sept. 18.
Machine frame. F. A. Prahl, Jr. 2,544,723, Mar. 13.
Machine guard, Knitting. L. E. Hunold. 2,539,137, Jan. 23.
Machine gun ammunition feed. P. R. Wheeler, L. Morgan, and F. C. Schoening. 2,573,749, Nov. 6.
Machine gun testing device. G. E. McPherren. 2,554,714, May 29.
Machine operated track wrench. H. H. Talboys. 2,552,655, May 15.
Machine or apparatus for straightening metal rods, bars, and the like. A. Macbeth. 2,573,669, Oct. 30.
Machine powered chuck. G. A. Highberg. 2,575,662, Nov. 20.
Machine tool. W. L. Benninghoff and A. F. Robertson. 2,576,095, Nov. 27.
Machine tool. C. A. Bickel, S. A. Brandenburg, and T. Foster. 2,557,860, June 19.
Machine tool. E. M. Bowen. 2,542,986, Feb. 27.
Machine tool. E. P. Bullard and E. P. Bullard, III. G. R. Appelberg, E. G. Bjorklund, E. N. Cowell, C. M. Grinage, E. H. Johnson, P. H. Lange, and F. H. Mussler. 2,540,186, Feb. 6.
Machine tool. E. J. Busemeyer. 2,562,170, July 31.
Machine tool. R. E. Cross and K. O. Tech. 2,540,323, Feb. 6.
Machine tool. M. S. Curtis. 2,560,686, July 17.
Machine tool. M. S. Curtis and H. Schoepe. 2,542,399, Feb. 20.
Machine tool. M. S. Curtis and H. Schoepe. 2,579,368, Dec. 18.
Machine tool. K. F. Gallimore. 2,577,517, Dec. 4.
Machine tool. H. L. Hoffman. 2,569,566, Oct. 2.
Machine tool. T. J. Hudson. 2,549,606, Apr. 17.
Machine tool. R. Kurzweil. 2,559,360, July 3.
Machine tool. M. E. Lange. 2,571,043, Oct. 9.
Machine tool. J. R. Longstreet. 2,542,419, Feb. 20.
Machine tool. G. E. Mallinckrodt. 2,573,800, Nov. 6.
Machine tool. A. J. McClelland. 2,542,421, Feb. 20.
Machine tool. P. A. Newman. 2,547,832, Apr. 3.
Machine tool. M. Pegard. 2,554,207, May 22.
Machine tool. W. W. Potter and A. J. Fuller. 2,546,520, Mar. 27.
Machine tool. W. W. Potter and A. J. Fuller. 2,571,288–9, Oct. 16.
Machine tool. E. J. Robichaud. 2,561,035, July 17.
Machine tool. O. E. Staples. 2,568,667, Sept. 18.
Machine tool. A. D. Wetzel. 2,546,326, Mar. 27.
Machine tool. C. A. Wiken. 2,567,982, Sept. 18.
Machine tool. H. R. Wilson. 2,564,350, Aug. 14.
Machine tool. S. F. Winchell. 2,568,675, Sept. 18.
Machine-tool angle bar. A. H. Kraft. 2,565,924, Aug. 28.
Machine-tool attachment. S. F. Sandula. 2,566,145, Aug. 28.
Machine tool bit holder. J. R. Proksa. 2,541,719, Feb. 13.
Machine tool control. F. E. Dudley. 2,539,123, Jan. 23.
Machine-tool control. C. Johnson. 2,577,128, Dec. 4.
Machine-tool fixture. A. Kindling. 2,569,005, Sept. 25.
Machine tool for engine bearings. J. N. Harber, Jr. 2,569,238, Sept. 25.
Machine tool for the machining of large annular workpieces. C. W. Berthiez. 2,545,838, Mar. 20.
Machine tool organization and control mechanism. W. K. Andrew, R. H. Ford, and E. W. Just. 2,577,943, Dec. 11.
Machine tool positioning mechanism. W. K. Andrew and A. H. Fotsch. 2,559,839, July 10.

Machine tool positioning mechanism. C. B. De Vlieg. 2,575,945, Nov. 20.
Machine tool spindle drive and feed control device. S. Senglet. 2,545,008, Mar. 13.
Machine tool support assembly. M. I. Mathewson. 2,575,823, Nov. 20.
Machine tool transmission and control. A. K. Watcher and W. B. Dulaney. 2,578,113, Dec. 11.
Machine tool work holder. R. L. Hibbard. 2,576,114, Nov. 27.
Machine vise jaw rockable downwardly when pressed against workpiece. L. L. Walker. 2,564,138, Aug. 14.
Machine with circumferentially traveling elements for mounting tires. R. A. Weaver. 2,569,789, Oct. 2.
Machine wrench. L. W. Falk. 2,558,612, June 26.
Machinery for cutting out pieces of plastic material from a continuously moving sheet. E. M. Crosland. 2,544,527, Mar. 6.
Machinery support. A. Carter. 2,546,722, Mar. 27.
Machining apparatus. G. G. Allenbaugh. 2,551,716, May 8.
Machining fluid. F. Veatch and J. G. Partch. 2,578,865, Dec. 18.
Machinist's gauge. L. J. Ellis. 2,547,114, Apr. 3.
Magazine. J. B. Walker. 2,547,186, Apr. 3.
Magazine and blade combination. L. H. Young. 2,544,410, Mar. 6.
Magazine and feed means for stapling machines. A. J. Batten. 2,569,221, Sept. 25.
Magazine, Blade dispensing. N. Testi. 2,557,323, June 19.
Magazine closure for stapling machines. O. A. Wandel. 2,556,992, June 12.
Magazine closure for tacking machines. K. F. Morberg. 2,545,372, Mar. 13.
Magazine creel for knitting machines, Adjustable. R. M. Bennett. 2,571,523, Oct. 16.
Magazine drive for magnetic wire recorders. W. J. Haloski. 2,550,556, Apr. 24.
Magazine for multigraph machines or the like. F. A. Monk. 2,550,160, Apr. 24.
Magazine-operated safety for automatic firearms. B. Guisasola. 2,563,720, Aug. 7.
Magazine pencil, Multicolor. V. Votruba. 2,560,832, July 17.
Magazine shifting safety device. A. O. Albin. 2,574,005, Nov. 6.
Magazine throat for firearms. F. L. Humeston. 2,552,429, May 8.
Magazine type hot-air furnace. W. E. Strange. 2,572,674, Oct. 23.
Magnesia gels, Preparation of. E. A. Hunter. 2,570,058, Oct. 2.
Magnesia, Making. L. W. Austin. 2,537,014, Jan. 9.
Magnesia refractory. L. W. Austin. 2,571,101, Oct. 16.
Magnesia refractory and making. L. W. Austin. 2,572,688, Oct. 23.
Magnesia refractory and making. L. W. Austin and J. C. Hicks. 2,579,781, Dec. 25.
Magnesia refractory materials. L. W. Austin. 2,571,102, Oct. 16.
Magnesium alloy. D. L. Leman and J. J. Casey. 2,546,931, Mar. 27.
Magnesium alloy. T. E. Leontis. 2,569,477, Oct. 2.
Magnesium bisulphite cooking liquor, Preparing. S. E. Hazelquist. 2,572,929, Oct. 30.
Magnesium carbonate, Manufacture of normal. T. C. Atchison. 2,549,408, Apr. 17.
Magnesium castings, Production of. M. E. Gantz. 2,540,366, Feb. 6.
Magnesium chloride from magnesium silicate ore, Production of. E. A. Gee and M. T. Pawel. 2,549,798, Apr. 24.
Magnesium die-casting alloy, Producing a. R. F. Hauser. 2,575,273, Nov. 13.
Magnesium hydroxide product and the manufacture of said magnesium hydroxide product. G. H. Gloss. 2,552,314, May 8.
Magnesium oxychloride cement mix and making. W. C. Eastin. 2,543,959, Mar. 6.
Magnesium primary cell. A. B. Fry, R. C. Kirk, and P. F. George. 2,547,907, Apr. 3.
Magnesium-treated malleable iron. A. P. Gagnebin and K. D. Millis. 2,578,794, Dec. 18.
Magnet assembly for contactors. D. Ellis. 2,550,110, Apr. 24.
Magnet cutoff valve. R. V. Allen. 2,576,168, Nov. 27.
Magnet for cathode-ray tube ion traps. J. de Leon. 2,569,517, Oct. 2.
Magnet, Lifting. H. E. Hodgson. 2,545,356, Mar. 13.
Magnet material and preparaing the same. H. A. Howell. 2,553,768, May 22.
Magnet operated switch. A. E. Chisholm. 2,555,571, June 5.
Magnet operator structure. J. C. Ponstingl. 2,561,991, July 24.
Magnet structure. S. E. Levy. 2,546,344, Mar. 27.
Magnet wire, Producing insulated. H. L. Saums, J. H. Vail, and H. W. Sturgis. 2,547,047, Apr. 3.
Magnetic ball activator. W. Von Stoeser. 2,574,721, Nov. 13
Magnetic bobbin holding means. A. W. Thomas, Jr., and N. F. Gubitose. 2,561,155, July 17.
Magnetic centering device for cathode ray tubes. D. P. Ingle and S. L. Reiches. 2,574,039, Nov. 6.
Magnetic chip collector for grinders. A. V. Sandlin. 2,549,529, Apr. 17.
Magnetic chuck. A. Anderson. 2,561,769–70, July 24.
Magnetic clutch. H. M. Norman. 2,536,207, Jan. 2.
Magnetic clutch. S. R. Rich and K. D. Kysor. 2,571,762, Oct. 16.
Magnetic clutch. A. Winther. 2,543,394, Feb. 27.
Magnetic compass compensation device. E. M. McNatt. 2,560,464, July 10.
Magnetic compositions. H. L. Crowley. 2,575,099, Nov. 13.
Magnetic control device. B. L. Binford. 2,564,655, Aug. 21.
Magnetic control device. B. L. Binford. 2,576,561, Nov. 27.
Magnetic control of high pressure arc lamp. E. J. G. Beeson and P. Shepherd. 2,571,522, Oct. 16.
Magnetic control of semiconductor currents. R. L. Wallace, Jr. 2,553,490, May 15.
Magnetic core. W. W. Brooks. 2,562,693, July 31.
Magnetic core. E. D. Treanor. 2,547,675, Apr. 3.
Magnetic core. E. D. Treanor. 2,561,250, July 17.
Magnetic core comprising leg, yoke, and corner laminations. W. C. Sealey. 2,560,003, July 10.
Magnetic core joint construction for noise reduction. H. L. Garbarino. 2,565,303, Aug. 21.
Magnetic coupling. A. C. Sachse and J. Major. 2,556,004, June 5.
Magnetic deflection gauge. J. H. Long. 2,538,158, Jan. 16.
Magnetic device. S. G. Best. 2,579,723, Dec. 25.
Magnetic drive. B. W. Jones and L. T. Rader. 2,536,813, Jan. 2.
Magnetic door lock. W. G. Sherman. 2,565,891, Aug. 28.
Magnetic electric iron. C. A. Leonard. 2,554,111, May 22.
Magnetic escapement counting and like mechanism. C. F. Clifford. 2,571,085, Oct. 9.
Magnetic field strength indicator. E. P. Felch, Jr., and T. Slonczewski. Re. 23,397, Aug. 7.
Magnetic field strength meter. G. L. Pearson. 2,562,120, July 24.
Magnetic fishing tool. J. H. Kirby, II. 2,539,435, Jan. 30.
Magnetic flow gauge. H. W. Fahrlander. 2,574,866, Nov. 13.
Magnetic fluid torque and force transmitting device. J. Rabinow. 2,575,360, Nov. 20.
Magnetic frequency changer having partial gaps. H. J. McCreary. 2,567,116, Sept. 4.
Magnetic friction element. J. G. Oetzel. 2,554,874, May 29.
Magnetic head and mount therefor. J. L. Pettus and F. E. Pontius. 2,574,707, Nov. 13.
Magnetic head assembly. L. J. Bobb. 2,555,110, May 29.
Magnetic head, Universal. D. L. Blaney. 2,547,737, Apr. 3.
Magnetic hoist controller for traveling cranes. K. S. Kuka. 2,554,036, May 22.
Magnetic induction accelerator. R. Wideröe. 2,572,414, Oct. 23.
Magnetic induction accelerator. R. Wideröe. 2,572,551, Oct. 23.
Magnetic induction device for accelerating electrons. R. Wideröe. 2,538,718, Jan. 16.
Magnetic lens, especially for electron optical systems. L. Leitz. 2,574,115, Nov. 6.
Magnetic materials. H. W. Leverenz and R. L. Harvey. 2,565,861, Aug. 28.
Magnetic measurements, Method of and apparatus for making. K. L. Scott. 2,541,618, Feb. 13.
Magnetic motor. F. O. De Millar. 2,546,729, Mar. 27.
Magnetic operated switch. R. D. Brewer. 2,570,315, Oct. 9.
Magnetic pickup. F. F. Willms. 2,547,990, Apr. 10.
Magnetic pickup arm biasing device. J. O. Kleber. 2,539,784, Jan. 30.
Magnetic pilot valve. C. O. Glasgow. 2,564,894, Aug. 21.
Magnetic position responsive device. W. J. James. 2,569,105, Sept. 25.
Magnetic power unit power take-off. W. L. Morrison, Jr. 2,546,949, Mar. 27.
Magnetic rail brake. H. B. Larsen. 2,570,034, Oct. 2.
Magnetic record editing apparatus. R. H. Ranger. 2,540,406, Feb. 6.
Magnetic record medium and making the same. M. Camras. 2,566,441, Sept. 4.
Magnetic recorder-reproducer device of the disk type. A. L. W. Williams. 2,567,092, Sept. 4.
Magnetic recording and reproducing. D. R. Christian. 2,574,207, Nov. 6.
Magnetic recording and reproducing system. M. F. Spears. 2,567,582, Sept. 11.
Magnetic recording head, including a device for adjusting the gap width. D. G. C. Hare. 2,561,365, July 24.
Magnetic recording-reproducing head. A. W. Friend. 2,536,272, Jan. 2.
Magnetic retriever. M. S. Dunkelberger. 2,544,449, Mar. 6.
Magnetic rotor operated switch. J. H. Nilson and V. C. Westberg. 2,560,814, July 17.
Magnetic separator. H. J. Caldwell. 2,564,593, Aug. 14.
Magnetic separator. R. E. Crockett and P. S. Haselton. 2,559,565, July 3.

Magnetic shunt for U-shaped meter cores. J. Indergand. 2,579,261, Dec. 18.
Magnetic snap action switch. T. N. Flight, W. H. Wilson, and A. J. Chinn. 2,550,546, Apr. 24.
Magnetic sound recording medium. G. H. Howe. 2,549,469, Apr. 17.
Magnetic structure for use in ion-traps. G. J. Mucher. 2,552,341–2, May 8.
Magnetic suspension, Laminated. R. F. Sontheim. 2,536,824, Jan. 2.
Magnetic switch. V. Zajic. 2,568,377, Sept. 18.
Magnetic T square and drafting board. L. F. Wickman. 2,568,575, Sept. 18.
Magnetic testing apparatus. A. T. Hatton and E. K. Sprague. 2,577,892, Dec. 11.
Magnetic testing apparatus. K. E. Hofammann and S. M. Viele. 2,575,811, Nov. 20.
Magnetic testing apparatus and method. E. M. Irwin. 2,555,853, June 5.
Magnetic testing device. M. V. Long. 2,540,588, Feb. 6.
Magnetic testing of elongated material. T. Zuschlag. 2,574,311, Nov. 6.
Magnetic time-delay mechanism. E. O. Schweitzer, Jr. 2,555,513, June 5.
Magnetic torque meter. E. F. Hansen. 2,537,753, Jan. 9.
Magnetic-type object detector. S. Berman. 2,549,567, Apr. 17.
Magnetic valve. L. W. Atchison. 2,575,086, Nov. 13.
Magnetic valve. I. B. Serge. 2,556,225, June 12.
Magnetic vibratory switch. S. F. James and E. D. James. 2,536,748, Jan. 2.
Magnetic welt holddown. M. F. Ashley. 2,579,896, Dec. 25.
Magnetically actuated roller clutch. H. M. Stephenson and W. M. Rowan. 2,554,221, May 22.
Magnetically controlled friction clutch. J. A. Mason. 2,578,715, Dec. 18.
Magnetically controlled friction clutch. J. G. Oetzel. 2,578,716, Dec. 18.
Magnetically controlled friction clutch. A. P. Warner. 2,555,215, May 29.
Magnetically operated motor. J. J. Drury. 2,570,531, Oct. 9.
Magnetically operated pump. D. Smith. 2,578,902, Dec. 18.
Magnetically operated switch. A. Rappl. 2,541,778, Feb. 13.
Magnetically supported indicating bore gauge. O. F. Hoppe. 2,542,030, Feb. 20.
Magneto. H. G. Cox. 2,550,975, May 1.
Magneto. G. H. Dingman. 2,569,460–1, Oct. 2.
Magneto. S. D. Livingston. 2,567,290, Sept. 11.
Magneto. W. J. Raleigh. 2,537,856, Jan. 9.
Magneto casing, cover, and cable supporting and sealing means therefor. W. J. Spengler and W. G. Roloson. 2,571,774, Oct. 16.
Magneto gauge. J. E. Surline. 2,552,602, May 15.
Magneto generator. H. E. Brunelle and L. S. Molde. 2,553,298, May 15.
Magneto-optical transducer system. A. W. Friend. 2,560,430, July 10.
Magneto party-line adapter. R. W. Jones. 2,549,688, Apr. 17.
Magneto structure and making the same. D. A. Armstrong, W. J. Raleigh, and J. C. Bandli. 2,568,479, Sept. 18.
Magnetographic surveying. M. Puranen and A. A. Kahma. 2,539,270, Jan. 23.
Magnetometer. C. S. Davidson. 2,541,213, Feb. 13.
Magnetometer, Automatically recording torque. D. S. Miller. 2,574,795, Nov. 13.
Magnetometer, Unbalanced. O. H. Schmitt. 2,560,132, July 10.
Magnetostriction device. L. L. Burns, Jr. 2,572,313, Oct. 23.
Magnetostrictive converter time delay device. L. F. Curtis. 2,549,578, Apr. 17.
Magnetostrictive device. F. G. Firth. 2,542,075, Feb. 20.
Magnetostrictive device. F. G. Firth. 2,566,984, Sept. 4.
Magnetostrictive modulator. R. Lorenzen. 2,574,647, Nov. 13.
Magnetron. H. D. Hagstrum. 2,537,824, Jan. 9.
Magnetron. C. W. Hansell. 2,576,599, Nov. 27.
Magnetron. J. Kurshan. 2,559,506, July 3.
Magnetron. H. L. Steele, Jr. 2,538,597, Jan. 16.
Magnetron and manufacture. E. C. Okress. 2,564,716, Aug. 21.
Magnetron apparatus for frequency controllable systems, Grid controlled. P. H. Peters, Jr. 2,547,659, Apr. 3.
Magnetron generator. F. Lüdi. 2,579,593, Dec. 25.
Magnetron, High-efficiency. P. L. Spencer. 2,550,614, Apr. 24.
Magnetron modulation circuit. O. I. Steigerwalt. 2,540,764, Feb. 6.
Magnetron, Multiresonator. P. T. Smith. 2,547,503, Apr. 3.
Magnetron, Tunable. C. V. Litton. 2,551,614, May 8.
Magnetron with tuning ring, Split anode. D. H. Sloan. 2,554,272, May 22.
Magnifier for pulse beat indicators. W. C. Rice. 2,572,389, Oct. 23.
Magnifier, Stereoscopic. G. L. Bahre. 2,559,698, July 10.
Magnifying and illuminating device, Dental. C. A. Levinson. 2,563,473, Aug. 7.
Magnifying attachment for sewing machines. K. W. Warner. 2,554,544, May 29.
Magnifying device. E. M. Harrison. 2,541,760, Feb. 13.
Magnifying loupe with reflector. A. Pawelski. 2,578,589, Dec. 11.
Mailbag securing device, Sealed. F. W. Wolf. 2,543,217, Feb. 27.
Mailbox bracket. E. H. Howard. 2,574,038, Nov. 6.
Mailbox name plate bracket. W. L. Timmons, Sr. 2,568,873, Sept. 25.
Mailbox positionable wire letter holder. L. S. Olson. 2,576,964, Dec. 4.
Mailbox with door operated signal flag. E. P., L. R., and K. E. Pedersen. 2,578,486, Dec. 11.
Mailbox with sliding receptacle engaging cover, Open-top. F. B. Gallaher. 2,552,628, May 15.
Mailbox with transparent auxiliary receptacle. C. W. Bierig. 2,561,007, July 17.
Mail handling apparatus. A. J. Clayton. 2,544,656, Mar. 13.
Mail sorting apparatus. L. W. Bailey. 2,564,185, Aug. 14.
Maintained pressure snap switch. R. Reger. 2,566,534, Sept. 4.
Maintaining heating value of a fuel gas. J. M. Ribble, 2,564,791, Aug. 21.
Maintenance bracket. P. T. Haury and A. J. Wier. 2,572,617–18, Oct. 23.
Maintenance of catalytic activity in hydrocarbon conversion systems. A. W. Hoge. 2,567,207, Sept. 11.
Make busy arrangement having gas-filled tube responsive only to high voltages. A. J. Busch and O. H. Williford. 2,558,537, June 26.
Make-up galley. F. Bernik. 2,577,672, Dec. 4.
Making a calcium halophosphate phosphor. D. F. Fortney and G. L. Moran. 2,544,663, Mar. 13.
Making a cellular structural panel and product. D. L. Swayze and A. H. Nicholls. 2,556,011, June 5.
Making a detergent composition. J. M. Guastavino. 2,567,999, Sept. 18.
Making a locking ring and plate assembly. R. A. Sandberg. 2,578,021, Dec. 11.
Making a molded article from lignocellulose. W. R. Smith, E. R. Mellenger, and D. F. Othmer. 2,552,597, May 15.
Making a plywood product. R. M. Boehm. 2,557,071, June 19.
Making a shaving aid. E. Gantner. 2,548,891, Apr. 17.
Making activated carbon. E. Berl. 2,567,468, Sept. 11.
Making adhesive tape. M. H. Kemp. 2,557,227, June 19.
Making aluminum-containing hydrides. H. I. Schlesinger and A. E. Finholt. 2,567,972, Sept. 18.
Making an abrasive coated wheel. O. J. Carpenter. 2,579,727, Dec. 25.
Making an absorption control element, Method and apparatus for. W. R. Kellett and L. G. Veler. 2,569,765, Oct. 2.
Making an adhesive comprising coacting resins and bonding bondable members utilizing said coacting resins. C. M. Keaton and D. V. Redfern. 2,557,826, June 19.
Making an artificial flame log assembly. P. and C. C. Munao. 2,543,981, Mar. 6.
Making an extended surface heat exchange device or similar composite article. D. Dalin and H. J. U. Wängsjö. 2,566,318, Sept. 4.
Making an image storage screen. M. P. Wilder. 2,579,772, Dec. 25.
Making and assembling bearings and the like. L. R. Heim. 2,541,160, Feb. 13.
Making and assembling fittings. E. J. Roos. 2,542,780, Feb. 20.
Making and filling fluted containers, Method and machine for. R. W. Hoag. 2,544,020, Mar. 6.
Making articles from metal powder. J. T. Marvin. 2,561,583, July 24.
Making artificial dentures. F. Pita and J. Prokes. 2,579,960, Dec. 25.
Making asphalt covering units. J. B. Kalin. 2,559,879, July 10.
Making automatic bottom bags. A. B. Haslacher. 2,537,462, Jan. 9.
Making bags. S. Bergstein. 2,536,675, Jan. 2.
Making bags from nonfibrous sheet material, Process and apparatus for. G. W. French. 2,569,630, Oct. 2.
Making ball-and-socket joints and parts thereof. W. A. Flumerfelt. 2,556,033, June 5.
Making baskets. G. C. F. Brandes. 2,574,371, Nov. 6.
Making bearing inserts. C. Scully. 2,555,708, June 5.
Making bell-ended pipes by centrifugal casting. J. Boucher. 2,539,888, Jan. 30.
Making beta-pinene and vinyl cyclohexene resin. S. G. Burroughs. 2,567,919, Sept. 18.
Making beta-pinene, rearranged alpha-pinene, and vinyl cyclohexene resin. S. G. Burroughs. 2,567,917, Sept. 18.
Making building blocks. S. H. Smith and J. L. Kronsis. 2,577,215, Dec. 4.
Making camphene. G. Etzel. 2,551,795, May 8.
Making carboxymethylcellulose of improved soil suspending properties. F. W. Smith. 2,542,215, Feb. 20.
Making cellular rubber using an alkyl amine and ammonium bicarbonate. J. H. Kelly, Jr. 2,564,401, Aug. 14.
Making cellular thermoplastic products. J. L. Amos. 2,576,911, Dec. 4.

Making cellulose ester lithographic printing plates. W. O. Kenyon and C. C. Unruh. 2,548,537, Apr. 10.
Making closed cell cellular soft rubber sheet by single vulcanization and external gassing. H. Pfleumer. 2,546,868, Mar. 27.
Making closed end shoes. B. F. Parrelli. 2,566,361, Sept. 4.
Making closure flap structures. C. H. Fitterling. 2,566,520, Sept. 4.
Making coke briquettes. F. C. Kern. 2,556,154, June 5.
Making color printing plates. H. W. Warnecke. 2,577,984, Dec. 11.
Making color prints. C. M. Tuttle and F. M. Brown. 2,566,264, Aug. 28.
Making combined sponge rubber-textile materials. E. B. Lewis. 2,567,953, Sept. 18.
Making composite tire articles, Method and apparatus for. C. W. Leguillon and O. E. Hermanns. 2,569,935, Oct. 2.
Making compound brief cases. S. H. Lifton. 2,562,499, July 31.
Making concrete roofing tiles or the like, Method of and apparatus for. B. and W. C. Samson. 2,577,275, Dec. 4.
Making cores. J. P. De Ranek. 2,563,643, Aug. 7.
Making cream style corn. W. J. Fitzpatrick. 2,540,028, Jan. 30.
Making crinkled fibers. N. W. Abernethy. 2,543,973, Feb. 27.
Making crinkled fibers. L. V. Jones. 2,543,027, Feb. 27.
Making cyclic ethers. D. D. Reynolds and W. O. Kenyon. 2,544,899, Mar. 13.
Making D-glucuronic acid and its salts. C. L. Mehltretter. 2,562,200, July 31.
Making detachable cue tips. E. R. Watson. 2,544,970, Mar. 13.
Making dipentene and vinylcyclohexene resin. S. G. Burroughs. 2,567,916, Sept. 18.
Making disazo dyestuffs. F. Straub, J. Brassel, and P. Pieth. 2,567,828, Sept. 11.
Making double chamfered nuts or the like. R. L. Wilcox. 2,547,801, Apr. 3.
Making downspout hooks. M. Rachlin. 2,568,027, Sept. 18.
Making duplicate magnetic phonograph records. J. Hillier. 2,559,505, July 3.
Making electric communication cables, Method and machine for. J. R. Pheazey. 2,572,052, Oct. 23.
Making electrically conducting glass and articles made therefrom. R. B. Ellis. 2,556,616, June 12.
Making endless belts, Method and apparatus for. U. C. Haren and C. W. Leguillon. 2,565,684, Aug. 28.
Making equalizer beams. C. A. Brauchler. 2,579,030, Dec. 18.
Making fans. H. C. Hueglin. 2,542,251, Feb. 20.
Making fibers. B. Montero. 2,544,763, Mar. 13.
Making fibrous sheet material, Method and apparatus for. T. L. Lynam. 2,577,784, Dec. 11.
Making filter units. T. A. La Brecque and E. H. Proulx. 2,550,070, Apr. 24.
Making fine line screens. F. E. Tuttle. 2,566,265, Aug. 28.
Making fine mesh silica screens. H. B. Law. 2,572,497, Oct. 23.
Making fishing pole joints. W. R. Parrish. 2,564,921, Aug. 21.
Making 5-nitro-2-furaldehyde semicarbazone. R. F. Raffauf. 2,548,173, Apr. 10.
Making flexible pocket receptacles. D. J. Broughton. 2,577,674, Dec. 4.
Making floor and wall coverings, Method and apparatus for. J. L. Berger. 2,557,068, June 19.
Making fluorocarbon monoiodides. J. H. Simons and T. J. Brice. 2,554,219, May 22.
Making foam rubber articles. D. L. Baker. 2,540,040, Jan. 30.
Making foamed sponge rubber articles. A. R. Cox and F. E. Trockle. 2,575,259, Nov. 13.
Making free-flowing cellular pellets of thermoplastic resins. K. E. Stober. 2,576,977, Dec. 4.
Making friction elements. G. Brahs. 2,553,698, May 22.
Making frictional bearing surfaces. C. W. Albertson. 2,558,286, June 26.
Making glassy phosphate compositions. R. W. Liddell, Jr. 2,572,359, Oct. 23.
Making glassy phosphate detergent compositions. I. Beiley and A. H. Razee. 2,568,110, Sept. 18.
Making glue from wood and a lumber product. W. C. Goss. 2,545,459, Mar. 20.
Making granulated pitch. A. Macq. 2,550,838, May 1.
Making heat exchangers. O. Hoheisel. 2,549,466, Apr. 17.
Making high temperature-resisting bonded mica products, Method of and apparatus for. W. R. Mansfield and F. C. Hughes. 2,567,721, Sept. 11.
Making high wet strength paper. F. W. Boughton. 2,548,513, Apr. 10.
Making high wet strength paper. H. C. N. Heckel and A. C. Salisbury. 2,536,285, Jan. 2.
Making hollow articles. D. G. Rempel. 2,569,869, Oct. 2.
Making hollow axles. G. L. Miller. 2,569,248, Sept. 25.
Making hot and cold packs. N. J. Poux. 2,566,533, Sept. 4.
Making hot mill tools. P. L. Daley and S. N. Lutz. 2,576,782, Nov. 27.
Making ice, Method of and apparatus for. R. M. Henderson. 2,538,097, Jan. 16.
Making improved hand coverings. E. M. Steinle. 2,577,284, Dec. 4.
Making inductances. W. M. Pannell and A. H. Shilling. 2,552,999, May 15.
Making insoles. S. M. Griswold. 2,538,776, Jan. 23.
Making investment mold. W. H. Duesbury and C. Atkins. 2,568,364, Sept. 18.
Making knockdown shipping containers. H. G. Bell and J. D. Gay, Jr. 2,555,530, June 5.
Making lactose. A. E. Wallace. 2,555,211–12, May 29.
Making lactose. A. E. Wallace and D. E. James, Jr. 2,555,213, May 29.
Making laminated magnetic cores. G. G. Somerville. 2,548,628, Apr. 10.
Making laminated packaging blanks, Method and apparatus for. J. A. Zinn, Jr. 2,542,298, Feb. 20.
Making last blocks. R. H. Schlueter. 2,560,992, July 17.
Making lightweight aggregate. P. Maynard. 2,569,323, Sept. 25.
Making lightweight aggregates using fragile nodules. L. F. Gelbman. 2,544,752, Mar. 13.
Making lined containers, Method and apparatus for. D. Schmidt. 2,546,137, Mar. 20.
Making liquid level determinations, Method of and apparatus for. O. W. Graham. 2,565,963, Aug. 28.
Making mechanical overlays. A. E. Farley. 2,579,182, Dec. 18.
Making milker pairs. F. J. J. J. Henrard. 2,538,098, Jan. 16.
Making mixed yarns. R. H. de Lacotte. 2,542,314, Feb. 20.
Making motor fuel. S. B. Wiczer. 2,546,180, Mar. 27.
Making mottled compressed cork articles. J. W. Wiley. 2,547,989, Apr. 10.
Making multiple bead pneumatic tire casings. H. T. Kraft. 2,575,878, Nov. 20.
Making N-aryl thiazylsulfenamides. G. E. P. Smith, Jr., and E. L. Carr. 2,560,020, July 10.
Making nonskid tires. J. A. Johnson. 2,542,871, Feb. 20.
Making nuts. J. H. Friedman. 2,542,023, Feb. 20.
Making organic acids from carbonaceous material. H. C. Howard. 2,555,410, June 5.
Making packages having removable and replaceable lids. C. Nicolle. 2,549,513, Apr. 17.
Making paper containers greaseproof. R. H. McKee. 2,544,509, Mar. 6.
Making paper having insecticidal properties and products resulting therefrom. P. Mayfield. 2,566,092, Aug. 28.
Making pebble-shaped magnesia refractory. A. W. Vettel. 2,579,886, Dec. 25.
Making pellets. R. S. Hood. 2,561,055, July 17.
Making phenol-aldehyde reaction products and the product thereof. D. V. Redfern. Re. 23,347, Mar. 20.
Making photographic relief images. W. P. Van Deusen. 2,544,905, Mar. 13.
Making pile fabric. H. Ewing. 2,567,327, Sept. 11.
Making pipe fittings, Method and apparatus for. A. C. Arbogast. 2,557,403, June 19.
Making piston rings, Method of and machine for. A. H. Bates. 2,566,304, Sept. 4.
Making plain face nuts or the like. R. L. Wilcox. 2,572,793, Oct. 23.
Making plastic desk tops. J. H. Brinker. 2,556,060, June 5.
Making plastic wheel trim, Method of and apparatus for. G. A. Lyon. 2,547,275, Apr. 3.
Making plasticizer for synthetic rubber by reacting a rubbery polymer of a diolefin with an alkyl mercaptan. J. E. Pritchard. 2,543,867, Mar. 6.
Making ply yarn. W. B. Parker. 2,552,210, May 8.
Making precision resilient bushing. C. E. Workman. 2,560,023, July 10.
Making pregnane derivatives substituted in 21-position. A. Wettstein and C. Meystre. 2,547,917, Apr. 3.
Making pressure sensitive labels. E. D. Graves and M. McDougal. 2,560,566, July 17.
Making pressure sensitive record materials. B. K. Green and R. W. Sandberg. 2,548,365, Apr. 10.
Making puttylike elastic plastic, siloxane derivative composition containing zinc hydroxide. J. G. E. Wright. 2,541,851, Feb. 13.
Making reels. M. Gazet. 2,547,574, Apr. 3.
Making reflecting signs by laminating. A. E. Keeley. 2,568,126, Sept. 18.
Making refractory bodies. J. M. Lepp and J. A. Slyh. 2,568,157, Sept. 18.
Making refractory bodies and product thereof. C. F. Geiger. 2,553,759, May 22.
Making reinforced concrete pipes. W. A. Whiting. 2,566,689, Sept. 4.
Making relief printing plates. H. C. Staehle. 2,548,565, Apr. 10.
Making reticles and other precision articles by etching from both sides of the blank. N. B. Mears and H. T. Holsapple. 2,536,383, Jan. 2.
Making rock drill bits. H. M. Griffiths. 2,578,351, Dec. 11.
Making rotors. M. F. Hill and F. A. Hill, 2nd. 2,578,187, Dec. 11.
Making round brushes. W. C. Leete. 2,565,974, Aug. 28.

Making rubbery articles. M. E. Hansen. 2,548,974, Apr. 17.
Making safety tubes. C. J. Burkley. 2,559,591, July 10.
Making sealed electromechanical translating devices. F. W. Roberts and J. A. Duntze. 2,562,741, July 31.
Making seamless capsules. A. P. and F. A. Weber. 2,566,645, Sept. 4.
Making seamless pipe elbows. W. S. Robinson. 2,560,822, July 17.
Making selenium coated elements. C. E. Peters and D. W. Rau. 2,551,048, May 1.
Making self-binding nuts. D. C. Eckenbeck and P. E. Slaughter. 2,563,162, Aug. 7.
Making separable end stop for slide fasteners. O. J. Moehler. 2,577,855, Dec. 11.
Making shapes of electromechanically sensitive material. C. K. Gravley. 2,554,327, May 22.
Making shielded electrical conductors. G. L. McCutchan. 2,544,430, Mar. 6.
Making shims. R. S. Rainey, H. T. Stewart, and F. A. Helfrecht. 2,566,249, Aug. 28.
Making shoes having predetermined uppers. J. D. Chandler. 2,563,100, Aug. 7.
Making shot. M. J. Stutzman. 2,573,935, Nov. 6.
Making sleeve-type elbow terminals. H. A. Elliott. 2,565,599, Aug. 28.
Making slide-action repeating firearms. C. G. Swebilius. 2,538,173, Jan. 16.
Making slide fasteners. G. Wintriss. 2,567,914, Sept. 11.
Making slip lasted shoes. H. W. Darragh. 2,557,535, June 19.
Making socketed head screw blanks or the like. R. L. Wilcox. 2,559,140, July 3.
Making solderless blades for electrical plug caps. F. Klumpp, Jr. 2,558,052, June 26.
Making solid rubber rings. J. E. Hauser. 2,566,025, Aug. 28.
Making soluble beverage extract. J. L. Kellogg. 2,564,332, Aug. 14.
Making sound motion-picture film. P. F. Rossmann and K. Rath. 2,564,312, Aug. 14.
Making spark wheels for cigar and cigarette lighters. E. L. Dreyer and W. Pflug. 2,543,235, Feb. 27.
Making sponge rubber. E. B. Lewis. 2,567,952, Sept. 18.
Making suction cleaner hose. J. W. Pearce. 2,551,631, May 8.
Making tampons, Method and apparatus for. C. J. Greiner and O. T. Thompson. 2,566,190, Aug. 28.
Making tear-off container caps. J. E. Underwood. 2,544,969, Mar. 13.
Making test strips and product thereof. A. Wright. 2,557,715, June 19.
Making textile units for fiber drafting. J. W. Baymiller. 2,557,932, June 26.
Making textured building blocks. Alfred and Arthur Gibson. 2,577,241, Dec. 4.
Making tires. L. C. Frazier. 2,567,064, Sept. 4.
Making transformer cores. J. J. Zimsky. 2,543,089, Feb. 27.
Making 2,2-bis aryl trihaloethanes. W. H. C. Rueggeberg, W. E. Catlin, and W. A. Cook. 2,554,269, May 22.
Making ultramarine. C. A. Kumins. 2,544,694, Mar. 13.
Making ultramarine pigment. C. A. Kumins. 2,544,695, Mar. 13.
Making unsaturated ethers. R. I. Hoaglin and D. H. Hirsh. 2,566,415, Sept. 4.
Making vertical joint sealing strips. J. E. Carter. 2,554,522, May 29.
Making viewing tubes. W. J. Cameron. 2,544,915, Mar. 13.
Making water-handling installations and installations made according to this method, Method and device for. H. Fehlmann. 2,550,408, Apr. 24.
Making water-soluble polymers of lower alkylene imines. A. L. Wilson. 2,553,696, May 22.
Making wire-wrapped belts. M. A. Crosby. 2,538,414, Jan. 16.
Maleic adducts, Producing. P. Heiberger. 2,537,134, Jan. 9.
Maleic anhydride interpolymers, Preparing. G. R. Barrett. 2,537,020, Jan. 9.
Mallet, Chimed. C. E. Anderson, Jr. 2,559,384, July 3.
Malonaldehyde dianils, Preparation of. C. F. Jelinek and R. F. Kleinschmidt. 2,549,097, Apr. 17.
Malonaldehyde oximes, Preparation of. R. F. Kleinschmidt. 2,560,227, July 10.
Malonates, Preparation of. W. J. Croxall and J. O. Van Hook. 2,541,957, Feb. 13.
Malononitriles, Preparation of. J. K. Dixon. 2,553,406, May 15.
Malting plant and method in which the grain is successively moved and aerated during malting. H. F. V. Bödcher and E. J. von Heidenstam. 2,545,542, Mar. 20.
Mandelic acid purification involving production of complex alkali metal salts thereof. B. F. Duesel and S. Gister. 2,562,861, July 31.
Mandrel. W. E. Beltz. 2,555,310, June 5.
Mandrel. J. C. Moore. 2,562,327, July 31.
Mandrel. J. Di Palma. 2,557,816, June 19.
Mandrel bar support. M. Jaenchen. 2,569,104, Sept. 25.
Mandrel, Expanding. G. F. and R. C. Bryant. 2,548,096, Apr. 10.
Mandrel, Expanding coil carrying. A. Nau-Touron. 2,557,510, June 19.
Mandrel, Expansible. W. J. Le Count. 2,544,633, Mar. 6.
Mandrel, Expansible. H. D. Paxson. 2,566,629, Sept. 4.
Mandrel for capacitor winding machines, Automatic. E. H. Rich and W. H. Roberts. 2,565,325, Aug. 21.
Mandrel, Vacuum. E. A. Link. 2,567,387, Sept. 11.
Maneuvering machine. T. P. Davenport. 2,548,202, Apr. 10.
Manganese actuated zinc barium silicate phosphor. J. T. Anderson and R. S. Wells. 2,540,804, Feb. 6.
Manganese chelated compound, Preparing a. G. H. Cartledge. 2,556,316, June 12.
Manganese electrowinning process. W. L. Hammerquist. 2,559,874, July 10.
Manganese ore treatment. W. H. Furman and R. F. Whitesides. 2,539,823, Jan. 30.
Manganese zinc ferrite core. J. L. Snoek, J. Boeke, and M. W. Louwerse. 2,551,711, May 8.
Mangler with rotor having twisted draft blades, Inclined-axis hay. W. W. Miner, Jr., N. Ray, and R. Owens. 2,578,822, Dec. 18.
Manhole cover construction. E. Olyott. 2,553,934, May 22.
Manicure and cutting device. W. L. Hewes. 2,559,156, July 3.
Manicure device. C. M. Loomis. 2,540,625, Feb. 6.
Manicure stand with magnifier. A. Den Uyl. 2,563,315, Aug. 7.
Manicuring device. M. R. Bates. 2,538,076, Jan. 16.
Manicuring device. M. B. Bernard. 2,541,459, Feb. 13.
Manicuring device. J. A. Chappuis. 2,537,738, Jan. 9.
Manicuring device. H. J. Landry and R. L. Pendolari. 2,536,945, Jan. 2.
Manicuring device. M. Thal. 2,564,349, Aug. 14.
Manifold and heater construction for internal-combustion engines. O. R. Schoenrock. 2,551,764, May 8.
Manifold arrangement. C. H. Anderson. 2,554,550, May 29.
Manifold for internal-combustion engines. F. J. Holmes. 2,561,625, July 24.
Manifold form and envelope, Combination. H. Brechner. 2,558,813, July 3.
Manifold pressure control having variable speed supercharger responsive to throttle movement. M. R. Rowe and G. T. Ladd. 2,562,742, July 31.
Manifold record material and making it. B. K. Green and R. W. Sandberg. 2,548,366, Apr. 10.
Manifold structure. R. T. Keller. 2,571,254, Oct. 16.
Manifold system for automatically venting and igniting combustible gas escaping from high-pressure compressed-gas containers. H. E. Olson. 2,557,199, June 19.
Manifolding attachment for typewriters. B. F. Spinchorn. 2,558,277, June 26.
Manifolding device. W. R. Moore. 2,568,509, Sept. 18.
Manifolding machine. A. Dager. 2,536,356, Jan. 2.
Manifolding ribbon mechanism. G. F. Morris. 2,566,953, Sept. 4.
Manikin base stand. I. Busom. 2,537,621, Jan. 9.
Manikin for teaching approved practice of obstetrics and midwifery, Mother. J. O. Graves. 2,551,560, May 1.
Manipulation of fluent solids. H. A. Shabaker. 2,560,604, July 17.
Manometer, Strain gauge. V. Guillemin, Jr. 2,566,326, Sept. 4.
Manometric apparatus. H. A. Lardy. 2,550,701, May 1.
Manometric gas detector. A. H. Pfund. 2,573,870, Nov. 6.
Man's jewelry accessory box. L. and S. Eisen. 2,559,289, July 3.
Manual and automatic control apparatus for combustion engines. A. E. Baak. 2,579,643, Dec. 25.
Manual control device. B. H. Hesemann. 2,549,969, Apr. 24.
Manual control for automatic valves. K. B. Britton. 2,550,906, May 1.
Manual-reset control device. W. A. Ray. 2,570,593, Oct. 9.
Manually maneuverable weed burner. O. L. Hogenson. 2,542,525, Feb. 20.
Manually manipulatable device for cutting name and address bearing labels from a rolled printed strip. W. Seigenthaler. 2,556,401, June 12.
Manually operated impact tool. R. F. Jackson. 2,572,487, Oct. 23.
Manually operated reciprocating pump. W. T. Stephens. 2,547,055, Apr. 3.
Manufacture by electrodeposition. G. Rosenqvist. 2,540,175, Feb. 6.
Manufacture for slide fasteners. A. G. Wery. 2,573,171, Oct. 30.
Manufacture from plastics of flat articles of latice, lace or like configuration. F. M. Prestwich. 2,556,504, June 12.
Manufacture of isophorone and homo-isophorones. H. C. Highet and F. E. Salt. 2,566,564, Sept. 4.
Manufacture of mineral wood, Method and apparatus for the. E. R. Powell. 2,577,431, Dec. 4.
Manufacture of sodium aluminum fluoride. E. Brodal and H. Guldhav. 2,567,544, Sept. 11.
Manufacture of syntans from vanillin and leather tanned therewith. J. Miglarese. 2,564,022, Aug. 14.
Manufacturing battery grids. H. D. Huntsberger. 2,563,936, Aug. 14.
Manufacturing capsules, Process and apparatus for. H. H. Bogin. 2,575,789, Nov. 20.

Manufacturing carbon depolarization bodies for atmospheric oxygen elements. K. Zert. 2,566,105, Aug. 28.
Manufacturing clicker dies. B. U. Rylander. 2,548,910, Apr. 17.
Manufacturing colloidal inorganic oxide aquasols. H. S. Trail. 2,573,743, Nov. 6.
Manufacturing cutting tools, such as scissors and knives. C. F. Ern, Jr. 2,577,316, Dec. 4.
Manufacturing electrodes. W. S. Brian. 2,577,103, Dec. 4.
Manufacturing embossed vinyl resin film. H. S. Clemens and R. E. Thomas. 2,566,982, Sept. 4.
Manufacturing guide vanes for axial flow turbines and compressors. A. A. Lombard and W. E. Dazeley. 2,565,925, Aug. 28.
Manufacturing hollow tools. L. J. A. Villeneuve. 2,541,849, Feb. 13.
Manufacturing ice, Method and apparatus for. C. Field. 2,546,092, Mar. 20.
Manufacturing incandescent mantles. W. W. Ulmer. 2,546,115, Mar. 20.
Manufacturing inlaid soap and the like, Process and apparatus for. P. R. Hoopes. 2,563,839, Aug. 14.
Manufacturing latex articles. J. Bonniel. 2,567,317, Sept. 11.
Manufacturing motor fuels by polymerization and alkylation. A. R. Goldsby. 2,567,283, Sept. 11.
Manufacturing pen points. T. W. Lepkowski. 2,567,608, Sept. 11.
Manufacturing piezoelectric crystals free of conflicting modes of vibration. C. W. Franklin. 2,574,257, Nov. 6.
Manufacturing plastic material of great mechanical strength. P. A. Talet and P. Cor. 2,572,407, Oct. 23.
Manufacturing process for miniature high-voltage capacitors. L. W. Foster and B. H. Goldy. 2,565,301, Aug. 21.
Manufacturing selenium cells. D. L. A. Driver. 2,565,483, Aug. 28.
Manufacturing soap. P. Bradford. 2,539,889, Jan. 30.
Manufacturing soap. H. G. Kirschenbauer and J. H. Percy. 2,567,381, Sept. 11.
Manufacturing warp-knitted fabric. F. and H. Stolle. 2,557,482, June 19.
Manufacturing wet process cement. O. G. Lellep. 2,580,235, Dec. 25.
Manufacturing wire cord. M. A. Crosby and E. L. Luaces. 2,577,843, Dec. 11.
Manufacturing wound core structures. J. G. Ford and J. H. Bramble. 2,542,806, Feb. 20.
Manure-spreader clutch. S. Daniels. 2,578,675, Dec. 18.
Manure spreading machine. S. F. Mott. 2,570,472, Oct. 9.
Map assembly for automobile sunshades, Road. J. W. Thompson. 2,539,286, Jan. 23.
Map holder. H. B. Tobias. 2,574,802, Nov. 13.
Map holder. W. L. Weeks. 2,578,493, Dec. 11.
Map holding device. E. N. Clark. 2,563,580, Aug. 7.
Map marking pin. C. M. Bly. 2,554,397, May 22.
Map reading and dead reckoning trainer. W. W. Wood, Jr. 2,554,394, May 22.
Mapping device, Antiparallax. K. Jones. 2,546,510, Mar. 27.
Maps, Producing. W. E. Campbell. 2,537,329, Jan. 9.
Maple sap float gauge. A. Legros. 2,566,219, Aug. 28.
Maple sirup concentrate, Producing. C. O. Willits and W. L. Porter. 2,549,877, Apr. 24.
Marble game board. J. E. Jones. 2,574,569, Nov. 13.
Marble runway. R. L. Barnhart. 2,571,521, Oct. 16.
Margarine, Manufacturing. A. D. Wilson and H. B. Oakley. 2,558,204, June 26.
Margarine package. B. T. Hensgen. 2,576,834, Nov. 27.
Margin stop position indicator for typewriters. O. Aebi. 2,580,211, Dec. 25.
Margin-stop setting mechanism for typewriters, Visible. F. W. Schremp and E. J. Yeo. 2,569,696, Oct. 2.
Margining device for use in positive printing. J. Tessier. 2,549,544, Apr. 17.
Marine fender. M. R. Doherty. 2,577,236, Dec. 4.
Marine oil well derrick foundation. H. C. Boschen. 2,574,140, Nov. 6.
Marine propulsion chain. F. B. Romero. 2,539,756, Jan. 30.
Marine safety light. P. J. Ambrose. 2,578,030, Dec. 11.
Marine speed indicator. A. Urfer. 2,573,515, Oct. 30.
Marine structure, Portable. J. Moon. 2,539,695, Jan. 30.
Marionette actuating and controlling apparatus. C. E. Whitcomb. 2,570,737, Oct. 9.
Mark-positioning device. F. F. Willms. 2,567,262, Sept. 11.
Mark tester. R. B. Johnson. 2,559,627, July 10.
Marker and indicator, Football down. W. F. Musch and R. S. Katz. 2,549,627, Apr. 17.
Marker buoy for air or surface craft. B. C. Grieb. 2,559,918, July 10.
Marker buoy for lost objects, Automatic. C. C. Swyers. 2,572,676, Oct. 23.
Marker circuit. J. D. Bryan and M. A. Starr. 2,543,434, Feb. 27.
Marker control apparatus for group selectors. D. P. Long. 2,548,673, Apr. 10.
Marker device. R. E. Blanchard. 2,542,894, Feb. 20.
Marker for fishing nets and the like, Floating. G. E. Crim and T. V. Collings. 2,539,403, Jan. 30.
Marker for skirts, Hem. G. H. White. 2,565,335, Aug. 21.
Marker, Laundry net closure. F. Skrandel. 2,564,629, Aug. 14.
Marker, Lens. F. L. Kidwell. 2,557,295, June 19.
Marking apparatus. M. C. Salit and E. J. Kofford. 2,567,969, Sept. 18.
Marking apparatus for film identifications. O. Steiner. 2,564,453, Aug. 14.
Marking device. H. J. Devon. 2,536,798, Jan. 2.
Marking device and inker therefor. M. E. Boekeloo. 2,571,008, Oct. 9.
Marking device, Floor. J. Kahler. 2,546,308, Mar. 27.
Marking device, Hot die. I. S. Gottscho. 2,558,354, June 26.
Marking device, Impact. R. B. Johnson. 2,558,616, June 26.
Marking device, Line. H. C. Sweet and W. A. Chilman. 2,549,722, Apr. 17.
Marking device, Skirt. H. G. Booth. 2,567,006, Sept. 4.
Marking gauge. H. R. Rippon. 2,579,205, Dec. 18.
Marking golf balls. R. H. Gerke and F. S. Martin. 2,539,303, Jan. 23.
Marking machine, Optical lens. J. L. Ricketts. 2,555,657, June 5.
Marking mechanism, Changeable. C. G. Preis. 2,551,633, May 8.
Marking strip. V. I. Zuck. 2,555,299, May 29.
Market bag. I. Kantor. 2,565,132, Aug. 21.
Marsh vehicle. F. F. Reynolds. 2,546,523, Mar. 27.
Masher and whipper, Potato. W. C. Scheidecker. 2,575,978, Nov. 20.
Masher, Potato. C. M. Caylor. 2,559,186, July 3.
Mask, Eye. S. Golding. 2,543,104, Feb. 27.
Mask, Face. G. A. Gemunden. 2,537,265, Jan. 9.
Mask, Facial. M. C. Merrill. 2,558,263, June 26.
Mask for pressure breathing, Oxygen. W. A. Wildhack. 2,551,653, May 8.
Mask for protecting dresses. D. Bouffard. 2,573,537, Oct. 30.
Mask, Medical face. H. J. Durborow. 2,565,124, Aug. 21.
Mask, Portable paint. S. Wheatley. 2,545,638, Mar. 20.
Mask, Respirator. W. P. Yant. 2,578,621, Dec. 11.
Mask, Respiratory facial. V. R. Bennett. 2,540,567, Feb. 6.
Mask, Surgical. J. E. Le Duc. 2,556,589, June 12.
Mask, Welding. C. P. Molyneux. 2,548,230, Apr. 10.
Masking device for crystals. D. M. Ruggles and A. W. Warner, Jr. 2,571,167, Oct. 16.
Masking of marginal edges of overlapping images of mosaic pictures. F. Waller and R. C. Babish. 2,544,116, Mar. 6.
Masking the odor of ammonia in developing diazotypes. S. C. Slifkin and J. Sulich, Jr. 2,546,791, Mar. 27.
Masonry drill. F. Weidman and E. M. Pierce. 2,565,333, Aug. 21.
Masonry simulating roll siding and producing same. C. Stolp, Jr. 2,569,543, Oct. 2.
Mason's line holder. R. Anders. 2,559,697, July 10.
Mass load applying means for airfoils. F. T. Tulley. 2,556,351, June 12.
Mass production method of, and apparatus for, making reelable magnetic phonograph records. E. E. Masterson. 2,560,234, July 10.
Mass spectrograph. A. J. Dempster. 2,572,600, Oct. 23.
Mass spectrometer apparatus. A. O. C. Nier. 2,544,717, Mar. 13.
Massage apparatus. A. Belleville. 2,578,916, Dec. 18.
Massage chair. R. A. Labbe. 2,572,040, Oct. 23.
Massage device. H. G. and R. S. Hilsher. 2,549,903, Apr. 24.
Massage device. W. G. Smith. 2,579,209, Dec. 18.
Massage device, Pulsating pressure. H. D. Wheeler. 2,571,398, Oct. 16.
Massage table. K. Tammen. 2,548,408, Apr. 10.
Massage vibrator. J. Werner. 2,574,945, Nov. 13.
Massager, Foot. W. Gustlin. 2,546,095, Mar. 20.
Massager, Therapeutic. H. R. Swanson. 2,574,601, Nov. 13.
Massaging and vibrating device, Foot. H. E. Walters. 2,542,221, Feb. 20.
Massaging apparatus. A. A. and R. L. Gaudette. 2,543,493, Feb. 27.
Massaging apparatus, Scalp. K. W. and P. I. Mierzejewski. 2,575,066, Nov. 13.
Massaging devices, Hand. L. C. Kelly. 2,572,627, Oct. 23.
Massaging machine. W. T. Cameron. 2,577,646, Dec. 4.
Mast. F. J. Ainsley. 2,554,288, May 22.
Masthead. F. Jones. 2,551,007, May 1.
Mast or antenna supporting device. R. J. Ballam and V. W. Friberg. 2,556,460, June 12.
Mast structure. H. J. Woolslayer, E. A. Campbell, and C. Jenkins. 2,570,901, Oct. 9.
Mast structure, Folding. H. J. Woolslayer, C. Jenkins and C. D. Iddings. 2,573,528, Oct. 30.
Mast structure, Portable. H. J. Woolslayer and C. Jenkins. 2,567,795, Sept. 11.
Master cylinder for hydraulic transmission systems. J. H. Pratt, G. E. Manley, and A. H. Girling. 2,577,153, Dec. 4.
Master switch. A. D. McCamon. 2,545,965, Mar. 20.
Mat and making same, Mineral fiber. T. E. Philipps. 2,566,960, Sept. 4.

Mat, Auto washing. T. R. Teters. 2,572,538, Oct. 23.
Mat, Electrically heated floor. C. A. Vogel. 2,544,547, Mar. 6.
Mat for display windows, Reflecting. P. A. Nirdlinger. 2,547,342, Apr. 3.
Mat, Shoe-scraping door. E. A. Knutsson. 2,538,624, Jan. 16.
Mat, Vacuum holding. E. E. Weismantel. 2,565,793, Aug. 28.
Match and explosion initiator containing the same, Electric. B. J. Sevold. 2,549,533, Apr. 17.
Match and marking element, Combined. B. R. Weston. 2,558,201, June 26.
Match and producing same, Pyrotechnic. W. M. Fredericks. 2,538,360, Jan. 16.
Match book. M. S. Teller. 2,574,201, Nov. 6.
Match book holder. A. W. Blessing. 2,548,288, Apr. 10.
Matchbox and ash receptacle. R. D. Budlong. 2,557,812, June 19.
Match, Permanent. B. Edelberg. 2,566,560, Sept. 4.
Matched potential control system. G. Deakin. 2,542,998, Feb. 27.
Matching stripping for linoleum. E. Sokolik. 2,557,845, June 19.
Material and method of radiography. W. H. Zinn. 2,574,681, Nov. 13.
Material conveying shovel boom unit. L. Gates. 2,541,815, Feb. 13.
Material edgestitcher guide mechanism for use with the presser foot of sewing machines. P. C. Wiegandt. 2,573,170, Oct. 30.
Material feed mechanism for sewing machines. J. E. Scott. Re. 23,379, June 12.
Material feeding unit. L. H. Banning. 2,536,021, Jan. 2.
Material flow control mechanism. J. B. McFall. 2,554,583, May 29.
Material flow indicator. E. C. Waters and F. S. McCullough. 2,561,763, July 24.
Material for covering the walls or ceilings of rooms, Sound absorbing fibrous. J. J. Hjärtsäter. 2,567,070, Sept. 4.
Material for packing tubes and the like. E. L. Shepard. 2,568,769, Sept. 25.
Material handling apparatus. R. Backofen and G. L. Turner. 2,536,151, Jan. 2.
Material handling apparatus. G. Baechli. 2,543,519, Feb. 27.
Material handling apparatus. H. O. Bissell. 2,571,524, Oct. 16.
Material handling apparatus. R. W. Crist. 2,553,897, May 22.
Material handling apparatus. W. J. Fruechtel. 2,579,562, Dec. 25.
Material handling apparatus and process. A. L. Schulerud. 2,563,876, Aug. 14.
Material handling device. F. B. Harvuot. 2,545,696, Mar. 20.
Material handling device. F. A. Miller. 2,553,378, May 15.
Material handling device for industrial trucks. L. G. Ehmann. 2,571,550. Oct. 16.
Material handling system. D. L. Millar. 2,542,203, Feb. 20.
Material handling system, Electric motor driven. D. C. Gray. 2,567,883, Sept. 11.
Material hauling and dispensing vehicle. C. J. Weston. Re. 23,420, Oct. 16.
Material having improved magnetic property. H. W. Leverenz and I. J. Hegyi. 2,579,267, Dec. 18.
Material loading apparatus. C. F. Ball. 2,542,977, Feb. 27.
Material mixing and filling machine. T. Thomas. 2,555,066, May 29.
Material mixing apparatus. W. M. Madsen. 2,547,403, Apr. 3.
Material moving apparatus. R. and K. Ferwerda. 2,541,045, Feb. 13.
Material reduction mill. D. Weston. 2,555,171, May 29.
Material slitter. B. B. Rogers. 2,554,683, May 29.
Material spreader having a vibratory hopper bottom. J. W. McKinley. 2,565,143, Aug. 21.
Material spreading apparatus. F. Biszantz and P. S. Hartman. 2,538,961, Jan. 23.
Material storage rack. D. J. Buckley. 2,539,809, Jan. 30.
Material suitable for decoration by stamping and making same. A. E. Davis and L. M. Perry. 2,545,918, Mar. 20.
Material treating apparatus having air conditioning means. J. Kohut, Sr. 2,557,605, June 19.
Material used for molding microporous objects, Preparing. G. J. Wilson. 2,554,485, May 29.
Materials of high magnetic permeability. R. L. Harvey and H. W. Leverenz. 2,576,456, Nov. 27.
Matrices for simulated log structures, Making. W. W. Maier. 2,572,269, Oct. 23.
Matrix band for use in filling dental cavities. V. H. Carpenter. 2,567,101, Sept. 4.
Matrix delivery means for typographical line composing machines. H. R. Freund. 2,560,517, July 10.
Matrix for use in making welt insoles. S. M. Griswold and H. C. Paulsen. 2,577,750, Dec. 11.
Mattress. J. Platis. 2,550,293, Apr. 24.
Mattress. S. H. West. 2,570,736, Oct. 9.
Mattress and making same. P. Spagnoli. 2,568,258, Sept. 18.
Mattress, Compressible sectional. A. Hay and S. R. McLeod. 2,559,956, July 10.
Mattress construction. J. C. Gordon. 2,540,441, Feb. 6.
Mattress cover. E. M. Belden. 2,576,207, Nov. 27.
Mattress cover. E. D. Churchill. 2,537,652, Jan. 9.
Mattress cover. Z. and S. Leader. 2,543,552, Feb. 27.
Mattress for cribs and the like, Inflatable. H. G. Harris and E. S. Davis. 2,549,597, Apr. 17.
Mattress, Hospital bedpan. L. Over. 2,537,906, Jan. 9.
Mattress, Nonsag. I. and J. Young. 2,543,218, Feb. 27.
Mattress reinforcing device. M. Rosberger. 2,545,310, Mar. 13.
Mattress, Sectional. W. B. Smith. 2,547,840, Apr. 3.
Mattress unit, Inflatable. J. H. Sawyer. 2,542,781, Feb. 20.
Maxillary mandibular relater. J. C. Taylor, Jr. 2,554,277, May 22.
Maximum available manifold pressure and brake horsepower computer. K. H. Chapple and R. E. Kittredge. 2,553,526, May 15.
Maximum shear rivet. H. B. Torresen. 2,542,376, Feb. 20.
Means associated with coin-controlled automatic phonographs to play short advertising records. J. T. Williams and K. F. Riese. 2,550,315, Apr. 24.
Means for article holders and mounting means therefor. J. R. Buchanan. 2,561,611, July 24.
Means mounting curtain for covering ways of machine beds. B. Welte and O. J. Abbott, Jr. 2,551,860, May 8.
Means to facilitate application of shock absorbers to railway trucks. C. L. Orr and J. C. Settles. 2,558,150, June 26.
Means to prevent breaking of awning valances. W. J. Mueller. 2,557,306, June 19.
Measurement and actuation device. V. C. V. Weyant. 2,560,754, July 17.
Measurement of electrical amplitudes utilizing pulse time shifting. E. H. T. Jackson. 2,550,816, May 1.
Measurement of fluorescence. E. E. Bray. 2,554,321, May 22.
Measurement of physical states of materials. M. K. Taylor and L. C. Nield. 2,542,372, Feb. 20.
Measurement of pinking in internal-combustion engines. R. Vichnievsky. 2,543,141, Feb. 27.
Measurement of Q of resonant electrical systems. R. W. Lange. 2,576,257, Nov. 27.
Measurement of speed deviation. G. K. Graham. 2,539,620, Jan. 30.
Measurement of temperature distribution on the surface of solid bodies. F. Urbach. 2,551,650, May 8.
Measurement of thickness. G. Herzog. 2,540,261, Feb. 6.
Measuring and computing device, Force-ratio. R. F. Garbarini. 2,557,092, June 19.
Measuring and controlling apparatus. J. C. Mouzon. 2,554,717, May 29.
Measuring and controlling apparatus. J. C. Mouzon. 2,560,734, July 17.
Measuring and controlling apparatus. R. F. Wild. 2,550,030, Apr. 24.
Measuring and controlling apparatus. W. P. Wills. 2,536,245, Jan. 2.
Measuring and controlling system. A. J. Hornfeck. 2,544,790, Mar. 13.
Measuring and cutting machine, Adjustable sweatband. M. F. Konchan. 2,553,096, May 15.
Measuring and dispensing device. W. L. Grannan. 2,539,073, Jan. 23.
Measuring and dispensing device. J. J. Yearout. 2,558,998, July 3.
Measuring and dispensing device, Fluid. J. T. Arnold. 2,570,745, Oct. 9.
Measuring and dispensing device, Liquid. F. R. Hamann, J. W. Miller, A. J. Barrie, H. A. Gutman, and E. F. Kern. 2,563,930, Aug. 14.
Measuring and dispensing device, Liquid. R. R. Hull. 2,570,681, Oct. 9.
Measuring and dispensing device, Material. S. H. Berch. 2,550,903, May 1.
Measuring and filling machine. R. G. Triggs. 2,577,933, Dec. 11.
Measuring and filling powders volumetrically, Method of and apparatus for. F. E. Stirn and A. S. Taylor. 2,540,059, Jan. 30.
Measuring and gauging device. W. K. Dow. 2,569,660, Oct. 2.
Measuring and recording apparatus, Flicker voltage and current. V. H. Kraybill. 2,549,976, Apr. 24.
Measuring and recording device. L. P. Reitz, Jr. 2,557,798, June 19.
Measuring and recording mechanism, Impact. C. D. Richard. 2,537,858. Jan. 9.
Measuring and recording the filtrability of fluids. P. L. Boucher and N. A. F. Rowntree. 2,572,436, Oct. 23.
Measuring and testing methods and apparatus employing X-rays. F. Fua and R. C. Woods. 2,557,868, June 19.
Measuring apparatus. G. Herzog, A. H. Lord, Jr. L. M. Evans and R. B.Heath. 2,536,131, Jan. 2.
Measuring apparatus. L. Stanton. 2,579,277, Dec. 18.
Measuring apparatus and method, Dew point. J. R. Boyle. 2,566,307, Sept. 4.
Measuring apparatus, Audible indicating. J. V. Hart. 2,558,683, June 26.
Measuring apparatus, Compensated. O. B. Vetter. 2,570,410, Oct. 9.

Measuring apparatus, Condition responsive. J. R. Cosby, 2,558,342, June 26.
Measuring apparatus, Hall effect alternating current. N. P. Millar. 2,550,492, Apr. 24.
Measuring apparatus, including means for controlling automatically the gain of an amplifier. B. Rosenblum. 2,543,469, Feb. 27.
Measuring apparatus, Liquid level. C. R. Schafer and W. J. Morley. 2,563,280, Aug. 7.
Measuring apparatus, Radio cycle summation. O. H. Dicke. 2,540,076, Feb. 6.
Measuring apparatus, Stress. C. M. Rifenbergh. 2,553,833, May 22.
Measuring apparatus, Temperature. A. J. Corson. 2,547,625, Apr. 3.
Measuring capacitance, Method and apparatus for. Z. W. Wilchinsky. 2,567,587, Sept. 11.
Measuring device. H. E. Balsiger. 2,567,360, Sept. 11.
Measuring device. E. M. S. McWhirter and R. H. Dunn. 2,562,931, Aug. 7.
Measuring device. G. W. Weego. 2,567,981, Sept. 18.
Measuring device, Adjustable. F. R. Chester. 2,555,956, June 5.
Measuring device, Air-speed. L. A. Clousing and L. M. Tint. 2,536,037, Jan. 2.
Measuring device and method, Alternating current. M. J. Lantz. 2,544,696, Mar. 13.
Measuring device and method of measuring. A. M. MacMahon and A. H. Snell. 2,564,626, Aug. 14.
Measuring device, Belt. A. T. Bodle. 2,545,189, Mar. 13.
Measuring device, Blood pressure. W. G. Brosene, Jr., and H. J. Kersten. 2,540,163, Feb. 6.
Measuring device, Compensated specific gravity. O. B. Vetter. 2,577,548, Dec. 4.
Measuring device, Electronic. N. E. Washburn. 2,578,869, Dec. 18.
Measuring device, Fluid. N. Grubelic. 2,563,601, Aug. 7.
Measuring device, Foot. B. G. Lofgren. 2,546,161, Mar. 27.
Measuring device, Foot. J. W. Westbrook, Sr. 2,554,285, May 22.
Measuring device for bowling balls. J. J. Bassi. 2,566,511, Sept. 4.
Measuring device for liquid containers. I. A. Burger. 2,547,744, Apr. 3.
Measuring device for shortening. J. F. Thomas. 2,559,328, July 3.
Measuring device for tea, coffee, and the like. F. R. Chester. 2,570,521, Oct. 9.
Measuring device, Force. L. M. Tint. 2,544,738, Mar. 13.
Measuring device, Frequency modulated radio-type distance. M. V. Kiebert, Jr. 2,543,782, Mar. 6.
Measuring device, including a water load, High-frequency power. C. F. Althouse. 2,560,536, July 17.
Measuring device, Linear. S. T. Mentzel. 2,557,450, June 19.
Measuring device, Magnetic field. A. Frosch. 2,543,843, Mar. 6.
Measuring device, Pipe thread plug. H. J. Glanzer. 2,543,012, Feb. 27.
Measuring device, Pneumatic. A. U. Huggenberger. 2,539,624, Jan. 30.
Measuring device, Precision. J. Verderber. 2,568,524, Sept. 18.
Measuring device, Pressure. D. H. Clewell. 2,548,947, Apr. 17.
Measuring device, Sanitary breast. F. V. Graf. 2,559,501, July 3.
Measuring device, Specific gravity. T. R. Rymal. 2,541,102, Feb. 13.
Measuring device. Thickness. J. T. Rooney. 2,571,488, Oct. 16.
Measuring device, Time interval. G. A. Locke. 2,536,193, Jan. 2.
Measuring device using frequency modulation, Voltage. P. T. Semm. 2,567,896, Sept. 11.
Measuring device utilizing pulse time modulation, Voltage. H. S. Broadwell and R. H. Peterson. 2,565,839, Aug. 28.
Measuring device, Velocity. P. J. Campbell. 2,569,974, Oct. 2.
Measuring device, Vibration. A. G. Gifford. 2,543,573, Feb. 27.
Measuring device with screen and scale sections, Projection. W. Rinker. 2,569,579, Oct. 2.
Measuring gas pressure in flames. F. P. Bundy, H. M. Strong, and A. B. Gregg, Jr. 2,545,340, Mar. 13.
Measuring head for bore gauges, Sealed. A. Eisele. 2,566,321, Sept. 4.
Measuring instrument for layout work, Combination. M. W. Willis. 2,575,697, Nov. 20.
Measuring instrument, including registering means. H. W. Teter. 2,577,492, Dec. 4.
Measuring instrument of the recording type. R. Elmqvist. 2,566,443, Sept. 4.
Measuring instrument, Pile driving. A. B. Hunicke. 2,580,299, Dec. 25.
Measuring instrument with registering means. H. W. Teter. 2,577,491, Dec. 4.
Measuring machine, Lead. A. I. Bean. 2,563,000, Aug. 7.
Measuring machine, Yarn. J. K. Cobert. 2,559,113, July 3.
Measuring means for determining camber and caster of vehicle wheels. L. V. Jacobsen and G. G. Gosline. 2,554,621, May 29.
Measuring means, Shaft. G. E. Frisz. 2,548,010, Apr. 10.
Measuring means, Wind velocity. L. Hillman. 2,549,812, Apr. 24.
Measuring or indicating the ratio of two forces and applications thereof to Mach number indicators. A. G. Smith. 2,542,717, Feb. 20.
Measuring permeability and porosity of borehole substrata. J. M. Bird. 2,544,412, Mar. 6.
Measuring rediation of neutrons. W. H. Zinn. 2,558,919, July 3.
Measuring resistance of blood during clotting, Method and apparatus for. R. L. Rosenthal and C. W. Tobias. 2,555,937, June 5.
Measuring strong alpha emitters, Method and apparatus for. E. G. Segrè. 2,573,069, Oct. 30.
Measuring system, Distance. R. A. Fryklund. 2,558,676, June 26.
Measuring system, Electrical torque. C. M. Rifenbergh. 2,557,393, June 19.
Measuring system, Electronic strain. G. W. Cook. 2,547,926, Apr. 10.
Measuring system, Interval. J. Mofenson. 2,560,124, July 10.
Measuring system, Level ratio. H. L. Barney. 2,576,249, Nov. 27.
Measuring system, Optical angle. I. L. Cunningham. 2,579,067, Dec. 18.
Measuring system, Optical area. C. A. Vossberg and F. A. Fua. 2,548,755, Apr. 10.
Measuring system, Transmission line. O. M. Woodward, Jr. 2,547,802, Apr. 3.
Measuring tape and case therefor, Flexible. L. E. Mills. 2,575,354, Nov. 20.
Measuring the conductivity of an electrolyte, Method and apparatus for. M. J. Relis. 2,542,057, Feb. 20.
Measuring the optical properties of films. J. D. Strong. 2,547,545, Apr. 3.
Measuring the pH of aqueous liquids, moist foodstuffs, and the like. E. W. Parker. 2,567,445, Sept. 11.
Measuring the values of magnetic fields, Method and apparatus for. V. V. Vacquier and G. Muffly. 2,555,209, May 29.
Measuring valve. E. W. Davis. 2,550,535, Apr. 24.
Measuring valve. E. W. Davis. 2,553,177, May 15.
Measuring wheel. J. D. Staples and J. J. McCrory. 2,557,481, June 19.
Meat aging unit. B. E. Williams. 2,560,057, July 10.
Meat block resurfacer, Portable oscillating. C. Motkowicz. 2,541,533, Feb. 13.
Meat substitute and making same. C. L. Wrenshall. 2,560,621, July 17.
Meat-tendering machine. S. M. Abbott. 2,559,270, July 3.
Meat tenderizer. S. A. Slauson. 2,554,646, May 29.
Mechanical binding. C. D. Trussell. 2,572,681, Oct. 23.
Mechanical body and leg movements of figure toys. V. Cerino. 2,541,404, Feb. 13.
Mechanical boll weevil catcher. J. J. Allen. 2,564,774, Aug. 21.
Mechanical bubble blowing device. R. L. Treuthart. 2,579,714, Dec. 25.
Mechanical car washer. R. H. Chenault. 2,544,066, Mar. 6.
Mechanical control mechanism. J. W. Cook. 2,551,825, May 8.
Mechanical device for producing a progressively decreasing force the initial value of which is considerable. G. A. Vanmalcot. 2,560,399, July 10.
Mechanical device for relamping fluorescent fixtures. L. Margolis. 2,544,707, Mar. 13.
Mechanical device for teaching harmonica playing. J. L. Scholl. 2,543,471, Feb. 27.
Mechanical device to secure window pane in a window sash. C. P. Kegley. 2,564,481, Aug. 14.
Mechanical elements, Producing. H. Scott, R. B. Gordon, and F. C. Hull. 2,545,862, Mar. 20.
Mechanical figure. J. A. Morin. 2,538,162, Jan. 16.
Mechanical filter. W. V. B. Roberts. 2,578,452, Dec. 11.
Mechanical folding jack. R. D. Lloyd. 2,555,350, June 5.
Mechanical gang perforator. R. F. Mallina. 2,576,844, Nov. 27.
Mechanical hand. T. B. Sansbury. 2,537,551, Jan. 9.
Mechanical jack. W. E. Wiesenthal. 2,548,695, Apr. 10.
Mechanical linkage. J. F. Morse. 2,570,702, Oct. 9.
Mechanical linkage with liquid sealing means. R. E. Ruckstahl and H. M. Watson. 2,558,103, June 26.
Mechanical miner. W. W. Sloane. 2,565,528, Aug. 28.
Mechanical motor. G. Vigneri. 2,566,755, Sept. 4.
Mechanical movement. C. O. Bachman. 2,579,642, Dec. 25.
Mechanical movement. E. P. Bullard. 2,536,624, Jan. 2.
Mechanical movement. C. J. Burkland. 2,577,675, Dec. 4.
Mechanical movement. J. E. Everard. 2,543,238, Feb. 27.
Mechanical movement. A. H. Heinrich. 2,538,620, Jan. 16.
Mechanical movement and crop treating mechanism. W. E. Urschel. 2,562,400, July 31.
Mechanical movement for profile and contour cutting machines. E. B. Swayne. 2,559,176, July 3.
Mechanical pitch change mechanism. C. W. Chillson. 2,538,352, Jan. 16.
Mechanical posting apparatus. R. A. Wilson. 2,565,712, Aug. 28.
Mechanical power unit. P. C. Hutton. 2,555,928, June 5.

Mechanical pressure operated actuating device. R. W. Peters. 2,572,380, Oct. 23.
Mechanical record sensing device. R. E. Cheney. 2,577,070, Dec. 4.
Mechanical release. L. P. Frieder and W. S. Finken. 2,541,509, Feb. 13.
Mechanical transmission. A. C. M. H. Coponat. 2,560,216, July 10.
Mechanical unit for adjustable louvers. W. B. Brothers. 2,545,874, Mar. 20.
Mechanical vibrating screen. L. W. Johnson. 2,579,002, Dec. 18.
Mechanically actuated pipe thread protector. W. C. Baker. 2,547,992, Apr. 10.
Mechanically operated check valve. A. Bertea. 2,568,982, Sept. 25.
Mechanically operated gate. E. E. White. 2,563,894, Aug. 14.
Mechanically operated switch. C. R. Peter. 2,546,077, Mar. 20.
Mechanic's support. W. S. Warren. 2,575,503, Nov. 20.
Mechanic's tool. A. C. McKnight, Jr. 2,578,077, Dec. 11.
Mechanism and method for making boxes with attached handles and the like. S. Bergstein. 2,554,004, May 22.
Mechanism and system for control through thyratrons. B. A. Knauth. 2,576,518, Nov. 27.
Mechanism control. R. S. Hinsey. 2,558,558, June 26.
Mechanism for adjusting shaft end play. L. W. Wightman. 2,539,879, Jan. 30.
Mechanism for antenna tuning. W. J. Miller. 2,545,003, Mar. 13.
Mechanism for applying brake linings. J. I. Spanich. 2,569,737, Oct. 2.
Mechanism for applying electric terminals to stranded wires. K. H. Andren. 2,545,756, Mar. 20.
Mechanism for applying fibers. E. Jacobsen. 2,550,354, Apr. 24.
Mechanism for applying identifying markings to wound bobbins. J. R. Andrews, Jr. 2,565,642, Aug. 28.
Mechanism for applying labels. G. W. von Hofe and H. A. Nefzger. 2,579,631, Dec. 25.
Mechanism for applying luting to glass feeder orifice rings. F. N. Dailey. 2,550,335, Apr. 24.
Mechanism for automatically operating a picture slide changer of the manual type. C. J. Cadwell and F. M. Adamson. 2,549,289, Apr. 17.
Mechanism for coaxial feeding of two combustion liquids to a combustion chamber. R. H. Goddard. 2,540,665, Feb. 6.
Mechanism for controlling propellers. D. Biermann. 2,553,128, May 15.
Mechanism for controlling the actuation of electromagnetic coils. E. Carlson. 2,577,307, Dec. 4.
Mechanism for controlling the speed of motors. E. W. Ertner. 2,571,023, Oct. 9.
Mechanism for converting rotary motion to reciprocatory motion. M. Oschwald. Re. 23,373, June 5.
Mechanism for cracking nuts. E. H. Bickley. 2,561,170, July 17.
Mechanism for cuckoo clocks. W. H. Paūl and E. F. Trenkle. 2,574,704, Nov. 13.
Mechanism for cutting sheet material. B. J. and R. S. Florian. 2,578,346, Dec. 11.
Mechanism for detonating explosives. W. G. Sweetman. 2,566,682, Sept. 4.
Mechanism for die-cutting body blanks from continuous strip material. P. E. Wixon and C. E. Chapman. 2,545,401, Mar. 13.
Mechanism for dispensing measured lengths of tacky tape. C. C. and W. R. Powell. 2,572,757, Oct. 23.
Mechanism for draining accumulated moisture from storage tanks. R. C. Churchman. 2,552,518, May 15.
Mechanism for draining moisture from compressed-air storage tanks. R. C. Churchman. 2,571,420, Oct. 16.
Mechanism for driving contra-rotating propellers. F. E. Fuller. 2,543,453, Feb. 27.
Mechanism for expanding and applying elastic tires to wheels. I. D. Kistler. 2,564,069, Aug. 14.
Mechanism for fabricating building sections. C. J. Bamford, Sr. 2,574,163, Nov. 6.
Mechanism for feeding rotary tool spindles of drill presses and the like. E. H. Cumpston, Jr. 2,578,464, Dec. 11.
Mechanism for floor cleaners, Adjustable height. L. H. Snyder. 2,537,166, Jan. 9.
Mechanism for forming indentations in moving rods of plastic material. A. G. Rose. 2,561,231, July 17.
Mechanism for galvanizing. K. C. Jenne. 2,537,931, Jan. 9.
Mechanism for latching a receptacle and cover in a recess. F. T. Greenup. 2,571,568, Oct. 16.
Mechanism for loading sheet material into magazines. C. G. Preis and R. E. J. Nordquist. 2,542,055, Feb. 20.
Mechanism for maintaining cloth in contact with take-up roll. J. Rinne, E. H. Ashton, R. G. Mallard, and F. G. Lake. 2,564,343, Aug. 14.
Mechanism for moving pans in dough cutters. E. Haecks. 2,573,100, Oct. 30.
Mechanism for operating a comb box on a card. T. B. Hunt, M. W. Odom, and J. W. Garrett. 2,539,081, Jan. 23.
Mechanism for packaging cheese and other viscous materials. H. A. Stine. 2,540,557, Feb. 6.
Mechanism for raising the harness frames of looms. F. N. and B. E. Towle. 2,576,428, Nov. 27.
Mechanism for registering sheets being fed to printing machines and the like. T. Rowlands. 2,553,148, May 15.
Mechanism for regulating synchronizing impulse transmissions. C. C. Gall. 2,577,415, Dec. 4.
Mechanism for sealing cartons. L. Back. 2,550,516, Apr. 24.
Mechanism for securing an earth-working tool in a ground-engaging or ground-disengaging position. F. J. Lewis. 2,547,585, Apr. 3.
Mechanism for spreading powdered material. W. S. Gaines. 2,552,954, May 15.
Mechanism for starting and stopping weaving looms. E. J. Pfarrwaller. 2,546,833, Mar. 27.
Mechanism for stretching artificial filaments. N. Drisch and R. Fays. 2,579,555, Dec. 25.
Mechanism for successively producing bag lengths from continuously advancing tubular webs. A. Potdevin and R. P. Bechle. 2,560,473, July 10.
Mechanism for sugar-cane harvesting. R. A. Patten. 2,546,165, Mar. 27.
Mechanism for supporting, raising, and lowering the brushes of vibrating screens. E. L. Coon. 2,537,878, Jan. 9.
Mechanism for tallying lumber. E. J. Le Blanc. 2,540,624, Feb. 6.
Mechanism for the control and operation of a gate. J. S. Goodwin. 2,556,531, June 12.
Mechanism for the manufacture of elastic shape-knitted articles. F. and H. Stolle. 2,560,311, July 10.
Mechanism for the operation of valves. E. A. Rockwell. 2,572,520, Oct. 23.
Mechanism for transferring articles and wrappers to turrets. A. G. Rose. 2,572,391, Oct. 23.
Mechanism for transmitting motion. E. C. Miller and A. C. Neilson. 2,548,994, Apr. 17.
Mechanism for trimming multisheet printed products. J. O. Crabtree and C. G. Quick. 2,572,802, Oct. 23.
Mechanism for typewriters or like machines, Power operating. W. H. Kupper. 2,567,945, Sept. 18.
Mechanism for varying the tension of normalizing springs of typewriters or like machines. J. F. Kloski. 2,567,943, Sept. 18.
Mechanism for varying the tension of normalizing springs of typewriters or like machines. W. H. Kupper. 2,567,946, Sept. 18.
Mechanism to convert a firearm from semiautomatic to full automatic action. C. C. Loomis and K. J. Lowe. 2,568,198, Sept. 18.
Mechanism to minimize pitching in braked aircraft bogie undercarriages. E. J. Nicholl. 2,578,200, Dec. 11.
Mechanism to prevent jouncing in mechanical vibrating screens and the like. O. R. Strawn. 2,571,391, Oct. 16.
Mechanoelectric transducer. W. A. Wildhack. 2,564,416, Aug. 14.
Medical bath. J. Radelicki. 2,558,912, July 3.
Medical injecting apparatus. Q. H. Hu. 2,564,977, Aug. 21.
Medical practice chair. N. E. Lauterbach. 2,558,143, June 26.
Medical probe, Flexible. J. Piéri and J. Casalonga. 2,574,840, Nov. 13.
Medicinal inhaler. C. J. Jesnig. 2,569,720, Oct. 2.
Medicine cabinet. J. J. Rooney. 2,557,037, June 12.
Medicine cabinet. R. P. Smith. 2,578,096, Dec. 11.
Medicine spoon holder. R. and H. Lustig. 2,546,463, Mar. 27.
Medullary pin. L. V. Rush. 2,579,968, Dec. 25.
Megaphone for wind instruments. L. L. Gilcrease. 2,539,662, Jan. 30.
Melamine-aldehyde sealing agents and making the same. S. S. Kurtz, Jr. and J. S. Sweely. 2,562,866, July 31.
Melamine-formaldehyde resin and acetanilide curing catalyst, Mixture of. E. B. Detwiler. 2,559,349, July 3.
Melamine-formaldehyde resinous compositions and producing same. H. P. Wohnsiedler and W. M. Thomas. 2,563,630, Aug. 7.
Melamine from line nitrogen, Production of. J. S. Mackay. 2,545,480, Mar. 20.
Melamine, Manufacture of. R. H. Hartigan. 2,559,617, July 10.
Melamine, Preparation of. W. J. Klapproth, Jr. 2,575,629, Nov. 20.
Melamine, Preparation of. L. C. Lane. 2,577,201, Dec. 4.
Melamine, Preparation of. J. S. Mackay. 2,566,223, Aug. 28.
Melamine, Preparation of. J. S. Mackay and J. H. Paden. 2,537,936, Jan. 9.
Melamine, Preparation of. J. S. Mackay and J. H. Paden. 2,566,230, Aug. 28.
Melamine, Preparation of. N. H. Marsh. 2,557,986, June 26.
Melamine, Preparation of. N. H. Marsh. 2,571,912, Oct. 16.
Melamine, Preparation of. J. H. Paden and J. S. Mackay. 2,566,227, Aug. 28.
Melamine, Preparation of. J. H. Paden and J. S. Mackay. 2,566,231, Aug. 28.
Melamine, Preparing. H. A. Walter. 2,556,126, June 5.
Melamine, Producing. J. S. Mackay and J. H. Paden. 2,561,390, July 24.

Melamine, Producing. R. A. Vingee. 2,550,659, Apr. 24.
Melamine, Production of. D. D. Lee. 2,549,492, Apr. 17.
Melamine, Production of. J. S. Mackay. 2,566,224, Aug. 28.
Melamine, Production of. J. S. Mackay. 2,566,228, Aug. 28.
Melamine, Production of. J. S. Mackay and W. P. Lawler. 2,575,498, Nov. 20.
Melamine resins, Modified. R. H. Hunt, Jr., and T. P. Malinowski. 2,574,741, Nov. 13.
Melamine salt of penicillin. L. C. Cheney. 2,577,698, Dec. 4.
Melamines, Preparing substituted. J. S. Mackay and J. H. Paden. 2,537,937, Jan. 9.
Melt spinning process. J. E. Waltz. 2,571,975, Oct. 16.
Melter. S. P. Tauber. 2,548,177, Apr. 10.
Melter, Snow. T. J. Bryant. 2,565,589, Aug. 28.
Melting. J. F. Jordan. 2,544,091, Mar. 6.
Melting hafnium, zirconium, and titanium metals. W. J. Kroll. 2,548,897, Apr. 17.
Melting reduced metal dust. H. J. Ogorzaly. 2,540,593, Feb. 6.
Memo pad device for attachment to wrist watch straps, bracelets, and the like. F. J. Roos. 2,553,676, May 22.
Memo pad holder. G. B. Miller. 2,573,157, Oct. 30.
Memorandum device. A. Olevin. 2,568,819, Sept. 25.
Memorandum device. H. Lathrop. 2,566,989, Sept. 4.
Memorandum device. H. B. Shepard. 2,550,386, Apr. 24.
Memorandum device, Automatically selective indexed. F. S. Ajero. 2,541,903. Feb. 13.
Memorandum pad holder. F. O. Ehrler. 2,563,709, Aug. 7.
Memorandum sheet holder. H. B. Shepard. 2,550,385, Apr. 24.
Mending hosiery, Method of and apparatus for. M. M. Brown. 2,570,637. Oct. 9.
Mending knitted fabrics formed of thermoplastic thread. A. T. McMain, N. A. Malesky, and M. F. Skaggs. 2,560,655, July 17.
Mercaptalation of sugar. J. M. Sugihara. 2,563,884, Aug. 14.
Mercaptan extraction system. H. A. Parker and G. W. Ritter. 2,556,438, June 12.
Mercaptan removal. J. A. Bolt and T. B. Tom. 2,550,905, May 1.
Mercaptan removal from hydrocarbons. J. E. Seebold. 2,550,091, Apr. 24.
Mercaptobenzothiazole, Manufacture of. H. B. H. Cooper and C. E. Mensing. 2,567,146, Sept. 4.
Mercapto folic acid and preparing same. T. S. Gardner and E. Wenis. 2,561,658, July 24.
Merchandise display device and/or package. M. J. Ferguson. 2,560,761, July 17.
Merchandise order indicator. J. L. Stark. 2,543,609, Feb. 27.
Merchandise package. J. O. Krihwan. 2,566,667, Sept. 4.
Merchandising apparatus. J. J. Noonan. 2,545,670, Mar. 20.
Merchandising machine, Automatic. C. Gabrielsen and H. Vorperian. 2,565,766, Aug. 28.
Mercurous chloride crystals, Producing. N. van Gorder, W. Horback, and A. F. Caprio. 2,570,408, Oct. 9.
Mercury seal bushing. F. Ziherl. 2,547,428, Apr. 3.
Mercury switch. A. S. Dysart. 2,577,653, Dec. 4.
Mercury switch. A. C. Lindström. 2,550,073, Apr. 24.
Mercury switch. R. P. Mattern. 2,575,318, Nov. 13.
Mercury switch. G. A. Onda and F. K. Ladanyi. 2,552,494, May 8.
Mercury switch. L. J. Schilling. 2,564,081, Aug. 14.
Mercury switch. C. A. Woodcock and S. E. Womack. 2,551,520. May 1.
Mercury switch relay. C. E. Gehrand. 2,540,479, Feb. 6.
Mercury-to-mercury double contact switch. E. A. Miller. 2,572,505. Oct. 23.
Merocyanine dyes containing a benzimidazole nucleus. E. J. Van Lare and L. G. S. Brooker. 2,548,571, Apr. 10.
Merocyanine dyes containing an aryloxy-, arylthio-, or arylselenoalkyl group attached to one of the nitrogen atoms thereof. A. W. Anish. 2,553,494, May 15.
Merry-go-round and swing, Combination. G. D. Sicklesteel. 2,539,869. Jan. 30.
Merry-go-round, Occupant propelled. J. S. Patten. 2,556,552. June 12.
Meshlike ornamental articles, Manufacture of. A. Hofreiter. 2,577,584, Dec. 4.
Message delivery device having a pair of upwardly diverging light-conveying rods. A. F. Glenn. 2,539,071, Jan. 23.
Message ticketer. J. W. Gooderham, A. E. Hague, and A. C. Powell. 2,558,477, June 26.
Metal air-heating apparatus. G. W. Donley. 2,562,141, July 24.
Metal alloy. S. Low. 2,570,355, Oct. 9.
Metal ammino sulfa compounds and their production. S. Rosenzweig and W. M. Fuchs. 2,536,095, Jan. 2.
Metal and rubber structure, Combination. A. Boschi. 2,560,627, July 17.
Metal articles and products, Making. R. E. Rice. 2,540,457, Feb. 6.
Metal articles, Producing powder. D. L. Morris and C. M. Johnson. 2,541,531, Feb. 13.
Metal band package, Double compartment. W. E. Denison. 2,566,122, Aug. 28.
Metal baskets, manufacture of. J. van der Togt. 2,566,644, Sept. 4.
Metal-bending machine, Multiple-bend. L. B. Green. 2,557,346, June 19.
Metal bodies, Making small. H. L. Krebs and L. S. Busch. 2,536,689, Jan. 2.
Metal carbonyl from tungsten or molybdenum oxychloride, Preparation of a. D. T. Hurd. 2,557,744, June 19.
Metal-case portable receiver. D. M. Kaltenbacher. 2,538,525, Jan. 16.
Metal cast electric motor. M. B. Sawyer, Sr. 2,562,283, July 31.
Metal casting. T. E. Norman. 2,546,517, Mar. 27.
Metal casting apparatus. S. J. McCain. 2,573,857, Nov. 6.
Metal casting mold. M. H. Kalina. 2,544,598, Mar. 6.
Metal chair. E. C. Booth. 2,572,591, Oct. 23.
Metal cleaning and pickling machine and conveyer system therefor. W. Herdlein. 2,579,575, Dec. 25.
Metal closure for powder cans. R. Nyden and H. K. Dickerman. 2,538,946, Jan. 23.
Metal coating and oil finishing composition therefor. G. H. von Fuchs. 2,573,940, Nov. 6.
Metal coating apparatus. F. C. Brightly, Jr. 2,536,720 Jan. 2.
Metal coating by vapor deposition. P. Godley, 2nd. 2,562,182, July 31.
Metal coating process and oil finishing composition therefor. G. W. Waters. 2,573,882–3, Nov. 6.
Metal counter top construction. G. H. Norquist. 2,539,462, Jan. 30.
Metal cover. B. Lermont. 2,576,613, Nov. 27.
Metal cutting tool. C. B. De Vlieg. 2,537,517, Jan. 9.
Metal defect testing method. M. Beyers and J. A. Sadony. 2,571,409, Oct. 16.
Metal derivatives of dyestuffs. G. F. Duffin and J. D. Kendall. 2,556,526, June 12.
Metal detection apparatus. B. R. Gossick. 2,550,688, May 1.
Metal detection apparatus. D. J. Tricebock. 2,550,736, May 1.
Metal detector. R. P. Mork. 2,546,771, Mar. 27.
Metal disintegrator. R. W. Kumler. 2,539,439, Jan. 30.
Metal drawing press. E. K. Johansen. 2,579,078, Dec. 18.
Metal-edge filter stack washer. P. Heftler. 2,547,941, Apr. 10.
Metal electrical resistance, Expanded. W. F. Knight. 2,570,692, Oct. 9.
Metal faced building block. A. E. Chester. 2,561,095, July 17.
Metal fixture for typewriter desks. M. Fox. 2,561,505, July 24.
Metal, Foamlike. B. Sosnick. 2,553,016, May 15.
Metal frame with inserted pins. K. J. Unwin. 2,559,573, July 3.
Metal-free phthalocyanine of novel color characteristics. O. Stallmann. 2,556,729, June 12.
Metal-free stripes on metal-coated sheet material, Production of. P. Godley, 2nd and W. O. Di Pietro. 2,569,414, Sept. 25.
Metal hair clip. W. Huppert. 2,553,370, May 15.
Metal harrow, Expanded. W. E. Mack. 2,537,538, Jan. 9.
Metal joist. A. Davis, Jr., and J. A. Nichols. 2,578,465, Dec. 11.
Metal, Laminated. F. J. Nagel. 2,554,262, May 22.
Metal mercaptides as modifiers in emulsion polymerization. W. A. Schulze and W. W. Crouch. 2,575,135, Nov. 13.
Metal molybdites and their preparation. H. R. Arnold and J. E. Carnahan. 2,572,300, Oct. 23.
Metal-organic compounds, Preparation of. H. M. Olson. 2,573,049, Oct. 30.
Metal oxide treatment of 3-formoxy steroids. R. H. Levin, A. V. McIntosh, Jr., and G. B. Spero. 2,538,731, Jan. 16.
Metal phthalocyanines, Preparation of. F. W. Sullivan, Jr. 2,568,570. Sept. 18.
Metal polylactyllactate polymers. P. D. Watson. 2,555,385, June 5.
Metal powder feed mechanism. J. A. Harrington. 2,550,653, Apr. 24.
Metal powders, Producing. H. C. Moss. 2,551,452. May 1.
Metal pumping and siphoning. M. Tama. 2,552,876, May 15.
Metal-reenforced plastic bowling pin. S. L. Leonard, Sr. 2,551,272. May 1.
Metal reinforced wear lift. E. G. Fussell and C. B. Champion. 2,562,265, July 31.
Metal resinates and preparation. W. E. St. Clair and R. V. Lawrence. 2,572,071, Oct. 23.
Metal-rolling composition, Lubricant. R. C. Williams. 2,565,938, Aug. 28.
Metal roofing. J. W. Stoltz. 2,538,481, Jan. 16.
Metal scaffold connection lock. H. R. Scheidemantle. 2,559,469, July 3.
Metal screen frame. L. E. Willett. 2,537,109, Jan. 9.
Metal screen stencils, Making. H. B. Fowler. 2,569,752, Oct. 2.
Metal seamless tube table. S. Victor. 2,561,322, July 17.
Metal-sheathed insulating blanket and manufacture. G. R. Russum. 2,576,698, Nov. 27.

Metal skin stitcher. C. W. Warren. 2,578,212, Dec. 11.
Metal slug resonator. B. R. Gossick. 2,560,946, July 17.
Metal smelting process. W. A. Ogg. 2,543,420, Feb. 27.
Metal stencils, Making sintered. J. B. Brennan. 2,573,951, Nov. 6.
Metal strip uncoiler. W. R. Meredith. 2,558,055, June 26.
Metal strip uncoiler. E. R. Tyrrell. 2,578,953, Dec. 18.
Metal surface cleaning. J. H. Noble, R. L. Pottberg, and U. C. Tainton. 2,538,702, Jan. 16.
Metal transfer and pouring system. W. H. Finkeldey and F. R. Edes. 2,549,790, Apr. 24.
Metal tubing, Flexible corrugated seamless. E. T. Candee. 2,563,578, Aug. 7.
Metal turning and truing machine. H. B. Barrett. 2,542,616, Feb. 20.
Metal window sash frame. R. H. Stiles. 2,552,298, May 8.
Metalworking power press. E. K. Johansen and R. W. Glasner. 2,546,100, Mar. 20.
Metalizing and bonding nonmetallic bodies. F. C. Kelley. 2,570,248, Oct. 9.
Metallic carbides, Preparation of pure. H. E. Dunn and W. T. Bradley. 2,553,444, May 15.
Metallic coiled spring with protective cover. D. R. Cole. 2,564,394, Aug. 14.
Metallic derivatives of the reaction products of phosphorus sulfide and esters or amines by the use of metal carbides, Preparation of. E. C. Hughes and J. D. Bartleson. 2,553,587, May 22.
Metallic derivatives of the reaction products of phosphorus sulfide and esters or amines by the use of metal cyanamides, Preparation of. E. C. Hughes and J. D. Bartleson. 2,553,586, May 22.
Metallic resinates, Preparing. H. D. Darlington. 2,562,020, July 24.
Metallic salt of reaction product of phosphorus sulfide and alkylated cycloaliphatic alcohol. P. A. Asseff. 2,540,084, Feb. 6.
Metallic shot, Process and apparatus for the production of. O. A. Pfaff. 2,563,064, Aug. 7.
Metallic structure. L. B. Koontz. 2,553,922, May 22.
Metallic structure for delaying propagated waves. W. E. Kock. 2,579,324, Dec. 18.
Metallic structure for delaying unipolarized waves. W. E. Kock. 2,577,619, Dec. 4.
Metallic structure, Hardened. H. E. Somes. 2,541,114–16, Feb. 13.
Metallic surface for butter churns. F. J. J. J. Henrard. 2,571,573 Oct. 16.
Metallic surfaces for the engraving thereof, Preparing. M. Bonnet. 2,541,954, Feb. 13.
Metallic tube furnace. A. J. Perle. 2,547,040, Apr. 3.
Metalliferous azo-dyestuffs. W. Widmer and A. Buehler. 2,570,085, Oct. 2.
Metalliferous azo dyestuffs, Making. H. Riat and H. Mayer. 2,536,957, Jan. 2.
Metalliferous azo dyestuffs, Manufacture of. W. Widmer and C. Zickendraht. 2,565,898, Aug. 28.
Metalliferous monazo dyestuffs. H. H. Bestehorn and W. Schmidt-Nickels. 2,560,502, July 10.
Metallizable monoazo dyestuffs. H. Ruckstuhl, O. Senn, and W. Wehrli. 2,572,394, Oct. 23.
Metallizable monoazo dyestuffs and their manufacture. R. Neier and W. Wehrli. 2,549,922, Apr. 24.
Metallized azo dyes. R. S. Long and C. W. Smart. 2,556,743, June 12.
Metallizing electrically nonconductive threads. C. T. Suchy. 2,566,074, Aug. 28.
Metallizing glass sheets, Method and apparatus for. J. L. Drake and J. P. Pearse. 2,559,351, July 3.
Metallizing surfaces. W. Soby. 2,551,712, May 8.
Metallo organic compounds. C. A. Kumins and J. R. McNesby. 2,575,347, Nov. 20.
Metallurgical addition agent. W. T. Bolkcom. 2,569,146, Sept. 25.
Metallurgical apparatus. R. D. Blue. 2,567,838, Sept. 11.
Metallurgical apparatus. R. M. Gibson. 2,546,337, Mar. 27.
Metallurgical process. E. R. Gilliland. 2,557,650, June 19.
Metals in blast furnaces, Producing. E. Edwin. 2,559,213, July 3.
Meta-phthalic acid anhydride and making same. G. Walton. 2,570,890, Oct. 9.
Metatarsel cushion. A. Higgs. 2,580,094, Dec. 25.
Metatarsal pad. H. H. Ruddick. 2,573,363, Oct. 30.

Meter: *See*—
- Antitampering electric meter.
- Balanced thermal demand meter.
- Borehole gravity meter.
- Brightness meter.
- Charged-particle energy meter.
- Coin register parking meter.
- Color and color difference meter.
- Color temperature meter.
- Conductance meter.
- Dew point meter.
- Dual movement electrical meter.
- Electrical torque meter.
- Electronic frequency meter.
- Face meter.
- Field strength meter.
- Flow integrating meter.
- Flow meter.
- Fluid meter.
- Frequency meter.
- Gas meter.
- Gloss meter.
- Hall effect frequency meter.
- High-frequency wave meter.
- Light measuring meter.
- Light meter.
- Line measuring meter.
- Magnetic field strength meter.
- Magnetic torque meter.
- Moisture meter.
- Oscillating cylinder piston meter.
- Oscillating piston meter.
- Parking meter.
- Phase angle and power factor meter.
- Photoelectric exposure meter.
- Radiation meter.
- Ring meter.
- Running-time meter.
- Thrust meter.
- Torque meter.
- Two-cylinder fluid meter.
- Uniformity meter.
- Viscosity meter.
- Water meter.
- Wide range high-frequency power meter.

Meter and meter socket. M. J. Lewis. 2,548,540, Apr. 10.
Meter attachment for hose nozzles, Flow. H. S. Morton. 2,564,272, Aug. 14.
Meter bearing. J. Limberger. 2,542,541, Feb. 20.
Meter bearing. J. Limberger. 2,544,166, Mar. 6.
Meter box cover. H. B. Bell. 2,579,170, Dec. 18.
Meter calibrating system, Watt-hour. H. F. Robison and W. H. Wickham. 2,557,314, June 19.
Meter device, Parking. R. C. Alexander. 2,575,650, Nov. 20.
Meter for measurement of reflectance. A. H. Taylor. 2,565,151, Aug. 21.
Meter for truck concrete mixers, Slump. H. C. Von Saspe. 2,543,883, Mar. 6.
Meter mechanism, Parking. F. L. Michaels. 2,563,182, Aug. 7.
Meter reading card case. A. J. Collins. 2,538,084, Jan. 16.
Meter recording system, Maximum demand. P. Heynisch. 2,539,835, Jan. 30.
Meter resetting attachment, Parking. W. Z. Kifer. 2,553,260, May 15.
Meter system, Parking. R. T. Dick. 2,546,433, Mar. 27.
Meter with adjustable magnetic structure. R. D. Hickok. 2,537,221, Jan. 9.
Meter with magnetically coupled indicator. W. Melas. 2,554,374, May 22.
Meter with supervisory warning indicator. A. J. Petzinger. 2,571,938, Oct. 16.
Meter yoke, Liquid. F. H. Mueller and W. J. Bowan. 2,574,982, Nov. 13.
Metered bottle closure. I. M. Geary and B. J. Schwartz. 2,580,292, Dec. 25.
Metering and dispensing control system. E. G. Spangler. 2,550,942, May 1.
Metering apparatus, Fluid. A. J. Granberg. 2,561,620, July 24.
Metering apparatus for car tracks, Grade. G. C. Christopulos. 2,538,145, Jan. 16.
Metering apparatus for gas engines, Gas. J. H. Holloway. 2,541,419, Feb. 13.
Metering arrangement for telephone systems. H. L. Horwitz. 2,566,330, Sept. 4.
Metering arrangement for telephone systems. H. L. Horwitz. 2,570,238, Oct. 9.
Metering construction, Strip. G. B. Pollock. 2,548,172, Apr. 10.
Metering device. T. J. Dunaway. 2,578,994, Dec. 18.
Metering device. H. G. Roecker. 2,548,123, Apr. 10.
Metering device, Flow. E. H. Christopher. 2,570,322, Oct. 9.
Metering device for bottles, Periodic siphon. W. C. Keller. 2,546,188, Mar. 27.
Metering device, Milk. E. B. Knaggs. 2,566,729, Sept. 4.
Metering fluid. C. A. Brown. 2,569,285, Sept. 25.
Metering fuel pump. W. E. Leibing. 2,557,508, June 19.
Metering method and means. J. H. Ramser. 2,559,900, July 10.
Metering registering system, Automatically controlled liquid. C. S. Hazard. 2,540,618, Feb. 6.
Metering rod support. H. A. Boller. 2,569,147, Sept. 25.
Metering system, Differential pressure. L. S. Hannibal and J. R. Turner. 2,560,948, July 17.
Metering system, Impulse frequency. M. Warren, Jr. 2,555,865, June 5.
Metering system, Remote. W. A. Derr. 2,550,109, Apr. 24.
Metering system, Television program. A. Cotsworth, III. 2,570,209, Oct. 9.
Metering system, Time zone telephone. H. L. Horwitz. 2,570,239, Oct. 9.
Metering tape dispenser. K. O. Larson. 2,553,658, May 22.
Metering unit, Pulse jet. E. R. Klinge. 2,545,815, Mar. 20.
Metering unit, Ram jet fuel. W. K. Deacon. 2,566,319, Sept. 4.
Metering valve. C. H. Traver. 2,577,639, Dec. 4.
Methacrylic acid esters from acetone cyanhydrin, Manufacture of. A. Brothman. 2,571,194, Oct. 16.
Methacrylonitrile process. E. J. Prill. 2,553,331, May 15.
Methanol extraction of cascara sagrada bark. J. Lee and L. Berger. 2,552,896, May 15.
Methine dyes containing a 3-aryl-4-thiazolidone nucleus. L. G. S. Brooker and F. L. White. 2,556,515, June 12.
Methine dyestuffs, Making. H. D. Edwards. 2,573,555, Oct. 30.
Methine dyestuffs, Production of. J. D. Kendall and G. F. Duffin. 2,556,545, June 12.
Methionine, Production of. J. E. Livak and E. C. Britton. 2,557,913, June 19.

Method and apparatus for forming fibers. C. J. Stalego. 2,578,100, Dec. 11.
Method and apparatus for manufacturing by extrusion structural members from thermoplastic synthetic resins. R. Colombo. 2,563,396, Aug. 7.
Method and apparatus for preparing and using sheet material for packaging purposes. W. S. Cloud. 2,546,059, Mar. 20.
Method and apparatus for the quantitative measurement of impurities in an atmosphere. W. C. White. 2,579,352, Dec. 18.
Method and apparatus for use in knitting. J. P. Mecklenburger. 2,558,974, July 3.
Method and apparatus for welding with gas shields having laminar flow. G. Mikhalapov. 2,544,711, Mar. 13.
Method and apparatus to indicate or observe progressive exercise of injured sphincter muscles. A. H. Kegel. 2,541,520, Feb. 13.
Method and machine for generating offset face gears. W. Y. Handy and W. M. Smith, Jr. 2,579,422, Dec. 18.
Method and machine having application in pupillography. O. Lowenstein, I. Loewenfeld, and E. Klapper. 2,573,464, Oct. 30.
Method and projection display means for evaluating visibility. L. Hickox. 2,557,380, June 19.
Method and technique of food drying. E. Rivoche. 2,572,761, Oct. 23.
Method comprising coating a well-drilling weighting material. B. Cerf. 2,551,874, May 8.
Method of and apparatus for treating wells. A. G. Bodine, Jr. Re. 23,381, June 26.
Method of and circuit for material modification and coolant clarification. R. B. Booth, and N. Morash. 2,578,040, Dec. 11.
Method to prepare solutions of gases. T. H. Smedslund. 2,539,871, Jan. 30.
Methods and materials for embalming jaundiced bodies. F. Grossi. 2,576,219, Nov. 27.
Methoxy-ethyl esters of imido acids. R. O. Norris. 2,569,425, Sept. 25.
Methoxy substituted 2-aminoindanols. R. V. Heinzelmann. 2,549,684, Apr. 17.
Methyl amino phenol, Manufacture of. G. S. Myers. 2,571,053. Oct. 9.
Methyl and methylene sulfur compounds, Preparation of. R. T. Bell. 2,565,195, Aug. 21.
Methyl 4-oxobutyrate, Preparation of. W. F. Gresham, R. E. Brooks, and W. M. Bruner. 2,549,454, Apr. 17.
Methyl methacrylate sheets, Preparation of polymerized. J. L. Chynoweth and G. E. Wintermute. 2,537,969, Jan. 16.
Methyl naphthalenes, Production of chlorinated. H. S. Boyd-Barrett, J. R. Holker, and H. Steiner. 2,570,022, Oct. 2.
Methyl siloxane rubber. E. L. Warrick. 2,568,672, Sept. 18.
Methyl siloxanes, Preparation of. A. F. Bidaud. 2,556,897, June 12.
Methylated gelatin-insulin preparation. E. T. Rosenberg, K. B. Högberg, and K. E. L. Claeson. 2,574,889, Nov. 13.
Methylation of substituted uracil. F. Comte. 2,542,395, Feb. 20.
Methylenedioxyphenyl compounds containing sulfur as insecticide and pyrethrin synergists. O. F. Hedenburg. 2,578,302, Dec. 11.
Methylol phenol unsaturated ethers. R. W. Martin. 2,579,330, Dec. 18.
Metrographical table. F. Elias-Reyes. 2,553,705, May 22.
Metronomic tempo indicator. F. W. Koenigsberger and A. MacPhail. 2,555,748, June 5.
Mica, Grinding. W. T. McDaniel, Jr. and J. R. Le Grand. 2,547,336, Apr. 3.
Mica insulation, Flexible. W. R. Watson, Jr., and J. Swiss. 2,562,004, July 24.
Mica slitting machine. R. G. Bennett. 2,551,655, May 8.
Microcrystalline wax as an antifoam agent in soluble oil-water emulsion. E. H. Sperry. 2,545,677, Mar. 20.
Microfilm reader and projection apparatus. H. L. Gordon. 2,565,496, Aug. 28.
Micro-hardness tester. E. B. Bergsman. 2,564,519, Aug. 14.
Micrometer. W. Kneissler. 2,541,821, Feb. 13.
Micrometer adjusting means for pump strokes. P. K. Seter. 2,564,793, Aug. 21.
Micrometer adjustment for lathe stops. M. L. Parker. 2,549,332, Apr. 17.
Micrometer attachment. V. H. Burwinkle. 2,551,242, May 1.
Micrometer caliper. F. Tvrzicky. 2,566,685, Sept. 4.
Micrometer caliper and dial gauge, Combination. C. R. Keene. 2,556,761, June 12.
Micrometer caliper assembly. K. W. McNaughton. 2,571,152, Oct. 16.
Micrometer caliper attachment. O. Guensche. 2,552,316, May 8.
Micrometer caliper with ball pivot and cam. H. Pickett. 2,559,170, July 3.
Micrometer, Combination. A. Kausti. 2,576,606, Nov. 27.
Micrometer gauge. C. E. Linn and P. H. Hummel. 2,574,402, Nov. 6.
Micrometer, Internal diameter. E. Bowers. 2,566,160, Aug. 28.
Micrometer measuring and scribing tool. J. J. Twardowski. 2,578,615, Dec. 11.
Micrometer scribing tool. W. Kozlowski. 2,577,334, Dec. 4.
Micrometer setting device. I. Swidler. 2,543,076, Feb. 27.
Micrometer, Tactual. O. E. Day. 2,560,850, July 17.
Micrometer with magnetic V jaw. W. E. Elliott. 2,572,999, Oct. 30.
Micrometrically adjustable boring tool. C. F. Le May. 2,537,274, Jan. 9.
Microphone. G. E. Chess. 2,564,562, Aug. 14.
Microphone. A. H. Kettler. 2,544,536, Mar. 6.
Microphone, Accordion. E. H. Terlinde. 2,577,288, Dec. 4.
Microphone and switch, Combined. R. L. Stone and F. E. Runge. 2,561,320, July 17.
Microphone attachment for accordions. L. Sorkin. 2,575,142, Nov. 13.
Microphone, Close talking. A. H. Kettler. 2,560,354, July 10.
Microphone damping system having rear openings. S. C. Tallman. 2,540,498, Feb. 6.
Microphone, Directional. H. F. Olson. 2,539,671, Jan. 30.
Microphone, Line type pressure responsive. H. F. Olson and J. Preston. 2,566,094, Aug. 28.
Microphone, Magnetic. S. F. Lybarger. 2,552,800, May 15.
Microphone, Piezoelectric. P. B. Wickham and S. A. Johnston. 2,561,084, July 17.
Microphone, Second order differential. A. M. Wiggins. 2,552,878, May 15.
Microphone, Shielded condenser. P. S. Veneklasen. 2,579,162, Dec. 18.
Microphone sound filter. S. A. Caldwell, Jr. 2,536,261, Jan. 2.
Microphone structure, Condenser. W. J. Moreland, Jr. 2,567,889, Sept. 11.
Microphone system having automatic volume level sensitivity. J. H. Hammond, Jr. 2,563,648, Aug. 7.
Microphone, Velocity type. H. F. Olson and J. Preston. 2,572,376, Oct. 23.
Microphone with a compliant link interconnected between the two diaphragms, Directional. B. B. Bauer. 2,553,539, May 22.
Microphone with carbon electrodes. E. Schircks. 2,572,525, Oct. 23.
Microphonic suppression system for electric phonographs. R. C. A. Eland. 2,568,797, Sept. 25.
Microphotographic device. E. J. Way. 2,550,739, May 1.
Microporous diaphragms and making the same. J. C. Duddy. 2,564,397, Aug. 14.
Microporous material, Producing. E. M. O. Honey and C. R. Hardy. 2,542,527, Feb. 20.
Microscope adjustment mechanism. A. A. Gradisar. 2,560,169, July 10.
Microscope attachment and the like. T. G. Aitcheson. 2,565,419, Aug. 21.
Microscope, Electronic. F. Bertein. 2,547,994, Apr. 10.
Microscope fine adjustment. J. C. Kurtz and B. G. Gallasch. 2,563,789, Aug. 7.
Microscope fine adjustment mechanism. J. R. Benford. 2,563,702, Aug. 7.
Microscope gauge and optical system therefor. J. D. Reardon. 2,538,846, Jan. 23.
Microscope, Optical adjusting. L. T. Sachtleben. 2,574,712, Nov. 13.
Microscope, Point projection ion. W. L. Colterjohn, Jr. 2,548,870, Apr. 17.
Microscope slide for phase microscopes. A. H. Bennett. 2,574,522, Nov. 13.
Microscope with frictional vernier drive. S. Weiser. 2,544,371, Mar. 6.
Microspheroidal gel catalyst by spray drying, Production of. K. D. Ashley. 2,555,282, May 29.
Microspheroidal gel particles, Manufacture of. W. A. Rex and K. J. Nelson. 2,577,631, Dec. 4.
Microwave cavity resonator device. R. R. Law. 2,577,971, Dec. 11.
Microwave converter. C. F. Edwards. 2,563,591, Aug. 7.
Microwave coupling system and apparatus. C. L. Cuccia. 2,542,797, Feb. 20.
Microwave detector, Balanced. R. A. Braden. 2,550,524, Apr. 24.
Microwave filter. S. B. Cohn. 2,577,510, Dec. 4.
Microwave filter. W. W. Mumford. 2,540,488, Feb. 6.
Microwave frequency stabilizer. L. D. Smullin and J. B. H. Kuper. 2,562,958, Aug. 7.
Microwave generator. R. S. Bailey. 2,559,582, July 10.
Microwave generator. H. J. von Baeyer. 2,579,630, Dec. 25.
Microwave hybrid branching systems. W. D. Lewis. 2,561,212, July 17.
Microwave hybrid junction. H. T. Friis, W. D. Lewis, and L. C. Tillotson. 2,575,804, Nov. 20.
Microwave impedance matching reactor. S. D. Robertson. 2,556,001, June 5.
Microwave scanning system and method. G. L. Fernsler. 2,577,117, Dec. 4.
Mild oxidation of carbonaceous solids. B. E. Roethell. 2,560,478, July 10.
Mileage device. O. F. Bryant. 2,575,547, Nov. 20.
Milk agitating and dipping device. S. D. Polsen and S. H. Nelson. 2,556,739, June 12.

Milk bottle handle. F. L. Fessner. 2,565,806, Aug. 28.
Milk bottle holder. E. M. Navarro. 2,549,510, Apr. 17.
Milk bottle holder. E. M. Navarro. 2,575,971, Nov. 20.
Milk can holder. W. L. Christman. 2,542,118, Feb. 20.
Milk can punch. S. M. Codiga. 2,578,462, Dec. 11.
Milk composition and its preparation, Condensed. F. F. Hansen. 2,570,231, Oct. 9.
Milk cooler. C. K. Billings. 2,546,718, Mar. 27.
Milk cooler. R. W. Glaser and A. and E. J. Olson. 2,556,080, June 5.
Milk evaporation process. J. A. Cross. 2,570,212, Oct. 9.
Milk evaporation process and apparatus. J. A. Cross. 2,570,213, Oct. 9.
Milk filter. J. E. Torrey and L. Kasson. 2,547,797, Apr. 3.
Milk powder and its preparation. F. F. Hansen. 2,553,578, May 22.
Milk product and producing same, Noncurding high calcium. L. S. Baur and M. P. Gerber. 2,541,568, Feb. 13.
Milk product, Modified. F. K. Daniel. 2,542,633, Feb. 20.
Milker support. L. Dinesen. 2,558,346, June 26.
Milking machine. C. A. Floerke. 2,543,162, Feb. 27.
Milking machine, Portable. J. R. Orelind. 2,569,187, Sept. 25.
Milking machine, Portable. J. R. Orelind. 2,573,927, Nov. 6.
Milking machine rinser. E. Redin. 2,558,628, June 26.
Milking parlor stall. H. B. Babson and C. A. Thomas. 2,564,047, Aug. 14.
Milking system. G. W. Berry. 2,564,620, Aug. 14.
Mill: *See*—
Cane mill.
Centrifugal mill.
Cider mill.
Coffee mill.
Continuous tumbling mill.
Crusher mill.
Grinding roll mill.
Material reduction mill.
Ore mill.
Paint and enamel mill.
Pug mill.
Quick-opening cage mill.
Rolling mill.
Vertical acid sludge mill.
Vertical rolling mill.
Warping mill.
Mill base, Temperature controlled. M. D. Woodruff. 2,568,783, Sept. 25.
Mill drive, Reducing. G. B. Coe. 2,560,934, July 17.
Mill for the fine grinding of granular materials. O. Šmíd. 2,550,168, Apr. 24.
Mill for the production of conical tubes, Rolling. G. H. Larsson. 2,537,356, Jan. 9.
Mill having removable chucks, Rolling. E. T. Peterson. 2,541,279, Feb. 13.
Mill or drum having separate discharge means for air and ground material, Airswept rotary. P. Moller. 2,549,919, Apr. 24.
Mill roll stand. K. Sieg. 2,561,146, July 17.
Mill with draft and power intake means from a preceding tractor, Portable grinding. J. A. Erickson. 2,557,344, June 19.
Mill with peripheral screening and lifting bays, Horizontal axis ball. J. B. Martin. 2,560,972, July 17.
Milling apparatus, Plastic. H. A. Swallow and H. H. Anderson. 2,543,307, Feb. 27.
Milling fixture for automatic chucking machines. J. J. Swartz. 2,555,616, June 5.
Milling machine attachment. J. R. La Rosee. 2,576,023, Nov. 20.
Milling machine feed drive transmission. R. K. Le Blond and H. C. Kemper. 2,580,307, Dec. 25.
Milling machine, Planetary. H. Norberg and L. L. Lee. 2,553,669, May 22.
Milling machine preferably for machining printing plates. J. Bech. 2,552,663, May 15.
Milling machine transmission and control mechanism. L. F. Nenninger, E. D. Vancil, and F. A. Hassman. 2,555,242, May 29.
Milling machine, Watchmaker's. C. T. Mitchell. 2,541,269, Feb. 13.
Milliampere-seconds relay for radiographic control systems. A. W. Vingerhoets. 2,545,247, Mar. 13.
Millinery. M. M. Reddy. 2,566,635, Sept. 4.
Mine. P. L. Christensen. 2,555,318, June 5.
Mine. W. N. Ensign, Jr. 2,569,808, Oct. 2.
Mine car. C. A. Boyd. 2,554,773, May 29.
Mine car. H. W. Sanford. 2,558,391, June 26.
Mine car safety device. E. H. Smith. 2,538,477, Jan. 16.
Mine car safety stop. B. E. Kirtner, E. Barker, M. Williams, and A. Jackson. 2,569,858, Oct. 2.
Mine car sealing device. H. W. Sanford. 2,577,040, Dec. 4.
Mine car wheel bearing support. E. Ramsay. 2,566,427, Sept. 4.
Mine drill, timber jack, and mine post, Combined. J. C. Baldwin. 2,556,357, June 12.
Mine roof scaler. A. Shacikoski. 2,577,924, Dec. 11.
Mine roof testing. R. T. Gallagher, C. G. Brennecke, and R. D. Currie. 2,549,076, Apr. 17.
Mine skip. G. L. Saunders. 2,545,170, Mar. 13.
Miner's electric cap lamp. H. Holt, Jr. 2,544,533, Mar. 6.
Mining and conveying machine, Coal. A. Crossland. 2,548,952, Apr. 17.
Mining machine. E. I. Dansereau. 2,559,711, July 10.
Mining machine. F. L. Fulke. 2,561,657, July 24.
Mining machine. J. B. Mavor. 2,539,962, Jan. 30.
Mining machine. J. C. Sproul. 2,551,510, May 1.
Mining machine, Coal. M. R. Stevenson. 2,572,403, Oct. 23.
Mining machine control valve. A. L. Lee. 2,547,646, Apr. 3.
Mining machine cutter bit. P. L. Johnson. 2,547,325, Apr. 3.
Mining machine feed drum control. A. L. Lee. 2,543,634, Feb. 27.
Mining machine head. C. E. Compton. 2,562,841, July 31.
Mining machine, Kerf-cutting. E. H. Stein. 2,570,400, Oct. 9.
Mining method. P. B. Bucky. 2,536,869. Jan. 2.
Mineral aggregate bonding composition. A. B. Hersberger. 2,550,476, Apr. 24.
Mineral lubricating oil containing chlorinated hydrocarbons. B. Gallsworthy. 2,558,079, June 26.
Mineral oil composition. D. E. Badertscher and C. F. Feasley. 2,543,542, Feb. 27.
Mineral oil composition. L. A. Mikeska and P. V. Smith, Jr. 2,542,553, Feb. 20.
Mineral oil composition and improving agent therefor. E. A. Oberright. 2,542,831, Feb. 20.
Mineral oil composition containing an alkyl thienyl ketimine. H. D. Hartough. 2,566,611, Sept. 4.
Mineral oil compositions containing copolymers of olefins and esters of alpha, beta-unsaturated polybasic acids. J. J. Giammaria. 2,543,964, Mar. 6.
Mineral oil compositions containing esters of reaction product of maleic anhydride and styrene. F. P. Otto, O. M. Reiff, and R. W. Barrett. 2,570,846, Oct. 9.
Mineral oil compositions containing petroleum wax carboxylic acids. F. P. Richter. 2,560,986, July 17.
Mineral oil compositions containing polymers of thiophene. G. C. Johnson. 2,560,956, July 17.
Mineral oil compositions containing the reaction product of polystyrene and an alkyl ester of an unsaturated acid. J. M. Butler. 2,572,557, Oct. 23.
Mineral oil compositions containing thienylthioalcohols. J. W. Brooks. 2,561,780, July 24.
Mineral oil containing alkylated polystyrene. J. M. Butler. 2,572,558, Oct. 23.
Mineral oil containing copolymers of alpha-beta unsaturated dicarboxy esters with alpha-beta unsaturated monocarboxy acids. T. S. Tutwiler, J. C. Munday, and D. T. Rogers. 2,580,053, Dec. 25.
Mineral oil containing polymers of esters of fumaric acid. J. C. Munday and D. T. Rogers. 2,560,588, July 17.
Mineral oil containing resinified esters of salicylic acid. L. T. Mikeska. 2,580,038, Dec. 25.
Mineral oil lubricant containing phosphorized and sulfurized glyceryl trioleate. J. B. Stucker. 2,542,161, Feb. 20.
Mineral oil lubricant containing sulfurized and phosphorized propylene and butylene glycol esters of oleic acid. J. B. Stucker. 2,541,789. Feb. 13.
Mineral recovery process. L. M. Le Baron. 2,550,829, May 1.
Mineral separator. W. R. J. Woock. 2,558,639, June 26.
Mineral wool, Making. L. J. Minnick. 2,576,312, Nov. 27.
Miniature electric motor. J. C. Clark. 2,542,959, Feb. 20.
Miniature packet. L. Adler. 2,565,336, Aug. 21.
Miniature railway connector. S. Schaffan, Jr. 2,567,790, Sept. 11.
Miniature rotatable beacon light. R. F. Hetherington. 2,554,781, May 29.
Minimizing ester formation in hydrocarbon synthesis. C. H. Worsham. 2,537,178, Jan. 9.
Minimizing foam production in steam generation. A. L. Jacoby and C. Jacklin. 2,575,276, Nov. 13.
Minnow bucket. N. C. Jackson. 2,570,684, Oct. 9.
Minnow trap. C. R. Bergman. 2,551,236, May 1.
Minnow trap. L. E. Hamel. 2,536,281, Jan. 2.
Minnow trap. J. B. Lewis. 2,576,524, Nov. 27.
Mirror and direction indicating device, Combined rearview. A. Gazda. 2,580,014, Dec. 25.
Mirror and making same. W. H. Harrison. 2,558,848, July 3.
Mirror arrangement for compacts. A. G. Reiskin. 2,571,485, Oct. 16.
Mirror arrangement, Rearview. C. Ramme. 2,569,576, Oct. 2.
Mirror assembly, Illuminated. R. Leathorn. 2,570,569, Oct. 9.
Mirror construction. C. E. Morley. 2,566,497, Sept. 4.
Mirror, Dentist's. S. F. Lundgren and R. A. Olsen. 2,574,217, Nov. 6.
Mirror for motor vehicles, Directional. M. M. Marbel. 2,561,582, July 24.
Mirror for motor vehicles, Rearview. G. Snyder. 2,563,287, Aug. 7.
Mirror for use in determining color contrast. W. H. Harrison. 2,560,724, July 17.
Mirror, Heated. J. D. Myers, C. Waddell, and N. P. Myers. 2,565,256, Aug. 21.
Mirror, Illuminated. M. Tarasuk. 2,580,258, Dec. 25.
Mirror mounting for optical instruments and fine angular adjustment means therefor. W. L. Whitson. 2,578,768, Dec. 18.
Mirror, Nonblurrable. C. W. Elsenheimer. 2,564,836, Aug. 21.
Mirror operating device for reflex cameras. P. Angénieux. 2,579,247, Dec. 18.
Mirror, Rearview. F. Green and W. O. Horne. 2,567,169, Sept. 11.

Mirror, Rearview automobile. C. F. Cookson. 2,536,872, Jan. 2.
Mirror, Remotely adjustable rearview. J. R. Fellabaum. 2,570,536, Oct. 9.
Mirror, Signaling. R. S. Hunter. 2,557,108, June 19.
Mirror support. S. T. Holland. 2,573,443, Oct. 30.
Mirror system, Reflecting optical. F. G. Back. 2,561,774, July 24.
Mirror, Wall. C. A. Laystrom and H. R. Sigler. 2,577,661, Dec. 4.
Mirror with pivoted lens and reflector assembly, Illuminated. J. W. Meyers. 2,536,203, Jan. 2.
Mirrored picture frame. M. J. Schneider. 2,538,386, Jan. 16.
Miscella refining. R. G. Folzenlogen. 2,563,327, Aug. 7.
Mist trapping shield for lens surfacing machines. H. W. Kosbab. 2,579,193, Dec. 18.
Miter attachment, Multiangular. M. E. Peeples. 2,554,749, May 29.
Miter gauge. L. Hoppe. 2,545,580, Mar. 20.
Mitering machine, Rotary portable saw support. W. Hess. 2,568,957, Sept. 25.
Mitigating radioactive contamination. J. De Ment. 2,563,587, Aug. 7.
Mitt, Baseman's. F. P. Delsalle. 2,558,544, June 26.
Mitt, Scouring. M. Sitek. 2,550,092, Apr. 24.
Mitten. C. F. Berger and J. E. Crahan. 2,540,234, Feb. 6.
Mitten, Hand-protecting. S. E. Freeman and W. G. Stewart. 2,571,228, Oct. 16.
Mitten, Wash. F. Livshin. 2,569,067, Sept. 25.
Mixed bed deionization. R. Kunin and F. X. McGarvey. 2,578,937, Dec. 18.
Mixed ester amine polybasic acid compositions. W. H. Kirkpatrick and E. T. Kocher. 2,568,747, Sept. 25.
Mixed esters of polyhydric alcohols and dibasic acids. P. V. Smith, Jr. 2,575,196, Nov. 13.
Mixer: *See*—

Babcock text mixer.	Plunger type mixer.
Balanced mixer.	Radio-frequency mixer.
Concrete mixer.	Rotary feed continuous mixer.
Drink mixer.	Tandem concrete mixer.
Electric food mixer.	Truck mixer.
Food mixer.	Vibrating drink mixer.
High-discharge and low-charging mixer.	Water and detergent mixer.
High-frequency mixer.	Wave guide mixer.
Mud mixer.	Whirl mixer.

Mixer. W. J. Bloomer. 2,560,069, July 10.
Mixer. W. Horth. 2,576,180. Nov. 27.
Mixer. A. Kost. 2,539,436, Jan. 30.
Mixer. C. M. Osterheld. 2,549,121, Apr. 17.
Mixer. G. A. Rockburg. 2,544,545, Mar. 6.
Mixer. R. Walton. 2,551,984, May 8.
Mixer and dispenser, Beverage. G. A. Mason and W. B. Harris. 2,564,852, Aug. 21.
Mixer and whipper, Motor-operated beverage. W. A. Ernst. 2,564,887, Aug. 21.
Mixer beater ejector. A. Robertson. 2,566,907, Sept. 4.
Mixer for beverage vending machines and the like. W. F. Fuhrman. 2,566,127, Aug. 28.
Mixer for constructional aggregates and the like. C. and B. G. Siebring. 2,547,787, Apr. 3.
Mixer for gaseous or vaporized materials. G. T. Macbeth. 2,546,515, Mar. 27.
Mixer for internal-combustion engines, Fuel. A. C. Russell. 2,536,700, Jan. 2.
Mixer for lightweight concrete. M. Janhunen. 2,572,845, Oct. 23.
Mixer for multiplex broadcasting, Crystal. A. Horvath. 2,567,208, Sept. 11.
Mixer-reactor, Fluid. J. G. Allen. 2,548,759, Apr. 10.
Mixing apparatus. A. W. Keight and G. F. Bottorf. 2,563,937, Aug. 14.
Mixing and blending apparatus. S. H. Vasold. 2,576,733, Nov. 27.
Mixing and cutting machine. M. O. Simpson. 2,571,300, Oct. 16.
Mixing and delivering apparatus, Continuous. R. F. Zimmerman and J. H. Hoge. 2,538,891, Jan. 23.
Mixing and dispensing apparatus, Beverage. J. J. Booth and F. N. James. 2,548,938, Apr. 17.
Mixing and dispensing device, Combined fluid. L. W. Hosford. 2,545,812, Mar. 20.
Mixing and diverter valve. H. A. Pearse. 2,563,955, Aug. 14.
Mixing and metering machine for powdered substances. L. F. Daniel. 2,561,975, July 24.
Mixing and nozzle therefor. T. W. Murphy. 2,539,315, Jan. 23.
Mixing apparatus. J. J. Curry. 2,541,043, Feb. 13.
Mixing apparatus. J. Johnson. 2,578,805, Dec. 18.
Mixing apparatus. A. J. Paik. 2,552,057, May 8.
Mixing apparatus. M. Plunguian and J. L. Riley. 2,543,198, Feb. 27.
Mixing apparatus. E. E. Pouré. 2,547,092, Apr. 3.
Mixing apparatus for tanks. F. D. Moyer. 2,577,797, Dec. 11.
Mixing attachment for high-speed machines for pulping foodstuffs, etc. T. Oertli. 2,572,375, Oct. 23.
Mixing box. J. L. Daily. 2,554,616, May 29.
Mixing cement composition. G. H. Johnson and R. C. Higgins. 2,560,871, July 17.
Mixing chamber for suction cleaners. A. M. McGuire. 2,566,030, Aug. 28.
Mixing concrete. W. J. Anderson. 2,564,619, Aug. 14.
Mixing device. W. W. Bissell and D. G. Debo. 2,563,002, Aug. 7.
Mixing device. O. R. Smith. 2,565,826, Aug. 28.
Mixing device, Beverage. R. E. Parks. 2,551,699, May 8.
Mixing device, Fluid. H. Bruynes. 2,558,816, July 3.
Mixing device for fluid systems, Selective. C. C. Hanthorn. 2,551,738, May 8.
Mixing device for gases. W. Föderl. 2,544,149, Mar. 6.
Mixing device, Wax. C. J. Schroeder. 2,555,250, May 29.
Mixing, diluting, emulsifying, and the like apparatus. G. W. Edwards. 2,541,221, Feb. 13.
Mixing glass, Method and apparatus for. G. Slayter and E. Fletcher. 2,577,213, Dec. 4.
Mixing machine. J. A. Davis. 2,575,410, Nov. 20.
Mixing machine. G. C. Henry. 2,543,495, Feb. 27.
Mixing machine. R. P. Rowlson. 2,570,864, Oct. 9.
Mixing machine, Beverage. J. Kantor. 2,573,339, Oct. 30.
Mixing machine, Bottle drink. W. G. Malo. 2,552,440, May 8.
Mixing machine, Portable. P. Arant. 2,573,296, Oct. 30.
Mixing plant, Concrete. E. O. Martinson. 2,557,358, June 19.
Mixing receptacle. J. H. Wittmann. 2,546,285, Mar. 27.
Mixing regulator. C. L. Pritchard. 2,570,375, Oct. 9.
Mixing rubber and the like. M. Engler. 2,540,195, Feb. 6.
Mixing system, Recirculating tank. C. W. Smith. 2,559,518, July 3.
Mixing unit and hose rack, Combined. W. C. Jaegle and D. Strahman. 2,569,857, Oct. 2.
Mixing unit for chemicals and the like, Portable. F. L. Jennings. 2,571,366, Oct. 16.
Mixing valve. R. E. Kirtley. 2,573,716, Nov. 6.
Mixing valve. M. F. McWilliams, Jr. 2,571,047, Oct. 9.
Mixing valve. J. M. Shryock. 2,556,780, June 12.
Mixing valve. L. Siano. 2,540,460, Feb. 6.
Mixture for controlling properties of drill fluids. N. O. Campise. 2,560,930, July 17.
Mixture for the production of pastes of synthetic material. P. Halbig. 2,553,916, May 22.
Mixture of acrylonitrile polymer and butadiene copolymer. S. A. Harrison and W. E. Brown. 2,538,779, Jan. 23.
Mixture of polychloroprene, vinylidene chloride-acrylonitrile copolymer, and butadiene-acrylonitrile copolymer. R. J. Signer and K. F. Beal. 2,547,605, Apr. 3.
Mixtures comprising polyacrylonitrile and a polyvinyl acetal. H. W. Coover, Jr., and J. B. Dickey. 2,571,683, Oct. 16.
Mixtures comprising polyacrylonitrile and polymeric ester-lactones. H. W. Coover, Jr., and J. B. Dickey. 2,575,006, Nov. 13.
Mixtures comprising polyacrylonitrile and polyvinyl formate. T. E. Stanin and J. B. Dickey. 2,558,793, July 3.
Mixtures of thioindigoid dyestuffs. F. Grieshaber. 2,539,737, Jan. 30.
Mobile aggregate-handling unit. J. J. and C. L. Willard. 2,539,939, Jan. 30.
Mobile amphibious collapsible pontoon bridge. E. Maile. 2,562,431, July 31.
Mobile collapsible living unit. M. R. Jones. 2,567,516, Sept. 11.
Mobile dwelling. C. D. Willson. 2,577,836, Dec. 11.
Mobile jack. J. D. Thress. 2,574,230, Nov. 6.
Mobile milk cooler. M. P. Bannister and J. F. Pfeifer. 2,557,252, June 19.
Mobile parts order pad holder. B. W. Hawk and F. S. Shannon. 2,569,716, Oct. 2.
Mobile vacuum stripper for carding machines. M. S. Fain. 2,573,556, Oct. 30.
Mobile wedge prier. E. V. Read. 2,553,112, May 15.
Mobilometer. L. A. Sontag. 2,574,715, Nov. 13.
Moccasin, Fully slip-lasted and machine sewn. E. Dolan. 2,564,301, Aug. 14.
Moccasin sock-type slippers, Making. I. I. Arnold. 2,541,020, Feb. 13.
Model activator. W. G. Chester. 2,561,340, July 24.
Model airplane, Integrated. H. M. McCoy. 2,542,042, Feb. 20.
Model airplane wheel. A. B. Maxam and J. R. Toothaker. 2,540,034, Jan. 30.
Model form garment hanger. A. Rosen. 2,558,497, June 26.
Model making apparatus. E. L. Kibler. 2,577,250, Dec. 4.
Model railroad track, Cast metal. W. P. Faber. 2,576,828, Nov. 27.
Model train novelty. J. R. Quinby. 2,540,216, Feb. 6.
Model yacht. V. H. Wallenberg. 2,573,745, Nov. 6.
Modification of cellulose by boron trifluoride solution. L. H. Bock. 2,554,439, May 22.
Modification of prolamins with glycols. J. P. Dunne. 2,545,656, Mar. 20.
Modification of the properties of unsaturated conjunct polymers. L. Schmerling. 2,539,675, Jan. 30.
Modification of the relative concentration of ions in fluid media. W. W. Durant. 2,543,659, Feb. 27.
Modified alkyd resins from 4-cyclohexene-1,2-dicarboxylic acid and producing same. G. D. Martin. 2,550,706, May 1.

Modified azo dyestuffs. P. Arthur, Jr. 2,540,705, Feb. 6.
Modified partially hydrolyzed polymeric products of the condensation of unsaturated aldehydes and esters of the same. S. A. Ballard and R. R. Whetstone. 2,554,973, May 29.
Modified petroleum sulfonates as emulsifying agents for waxes. R. B. Porter, Jr., and E. J. Campbell. 2,541,006, Feb. 6.
Modified phenol-formaldehyde resins. H. D. Hartough and J. W. Schick. 2,546,946, Mar. 27.
Modified urea-formaldehyde resins and preparing the same. T. J. Suen and A. M. Schiller. 2,565,278, Aug. 21.
Modifying drying oils and friction material containing modified drying oil. J. M. Kuzmick. 2,539,631, Jan. 30.
Modifying, solidifying, and insolubilizing asphalts. M. Kronstein. 2,560,650, July 17.
Modifying unsaturated hydrocarbon drying oils. M. J. Murray and W. S. Gallaway. 2,579,007, Dec. 18.
Modulating and switching apparatus, Wave guide. R. B. Muchmore. 2,544,715, Mar. 13.
Modulating microwave energy, Method of and system for. L. E. Norton. 2,577,146, Dec. 4.
Modulating system. G. R. P. Marie. 2,557,882, June 19.
Modulating the high-frequency energy transmitted in hollow dielectric guides. H. Gutton and A. J. Ortusi. 2,560,859, July 17.
Modulating valve. S. K. Taylor. 2,576,246, Nov. 27.
Modulation. E. G. Hopkins. 2,545,955, Mar. 20.
Modulation. B. Salzberg. 2,549,855, Apr. 24.
Modulation circuit. B. Salzberg. 2,537,092, Jan. 9.
Modulation distortion correction. G. L. Fredendall. 2,566,698, Sept. 4.
Modulation-on-pulse control system. E. H. Krause and C. H. Hoeppner. 2,538,017, Jan. 16.
Modulation system. M. L. Leppert. 2,549,828, Apr. 24.
Modulator. T. M. Gluyas, Jr. 2,570,789, Oct. 9.
Modulator. A. V. Haeff and F. H. Harris. 2,562,907, Aug. 7.
Modulator. P. P. Stockinger. 2,555,770, June 5.
Modulator. D. F. Winter. 2,564,045, Aug. 14.
Modulator circuit. L. E. Thompson. 2,565,409, Aug. 21.
Modulator for carrier telegraph systems. V. J. Terry and T. F. S. Hargreaves. 2,579,524, Dec. 25.
Modulator, Radiation intensity. W. S. Pajes. 2,565,514, Aug. 28.
Modulator, Rotary gap. D. F. Winter and C. A. Carlson. 2,567,749, Sept. 11.
Modulator, Sensitivity. H. H. Staub. 2,548,449, Apr. 10.
Modulator system. F. H. McIntosh. 2,545,788, Mar. 20.
Moistener, Envelope. W. L. Paul. 2,572,513, Oct. 23.
Moistener for hectograph duplicators. H. Gerlach and E. M. Benello. 2,577,886, Dec. 11.
Moistener for gummed tape dispensers. T. H. Krueger. 2,547,584, Apr. 3.
Moistening control device for duplicating machines. H. Jagger. 2,539,839, Jan. 30.
Moistening device for duplicating machines. H. Jagger. 2,536,604, Jan. 2.
Moistening device for gummed surfaces. G. E. Athans. 2,564,184, Aug. 14.
Moistening gun. J. A. Paasche. 2,576,534, Nov. 27.
Moistening means for duplicating apparatus. H. P. Keil. 2,572,158, Oct. 23.
Moistening means for duplicating machines. W. J. Hodin. 2,565,370, Aug. 21.
Moisture absorbing device. J. W. Morse and J. Pearlstein. 2,539,587, Jan. 30.
Moisture absorbing means for footwear. H. W. Keithley, Jr. 2,565,028, Aug. 21.
Moisture content monitor. H. W. Kline. 2,555,977, June 5.
Moisture-destructible container. J. A. Hannum and J. N. Epel. 2,567,706, Sept. 11.
Moisture detecting apparatus. O. C. Hagan. 2,574,261, Nov. 6.
Moisture eliminating device for compressed-air systems. F. W. Burd. 2,572,311, Oct. 23.
Moisture-extracting hydraulic press. G. N. Strike. 2,549,344, Apr. 17.
Moisture injector for internal-combustion engine carburetors. S. Stanalis. 2,576,196, Nov. 27.
Moisture meter. H. W. Dietert, R. E. Steinmueller, and C. M. King. 2,553,754, May 22.
Moisture-proof sheet material, Manufacture of. R. T. K. Cornwell. 2,575,443, Nov. 20.
Moisture removing means for the inker of lithographic presses and the like. J. E. Sodomka. 2,546,793, Mar. 27.
Moisture teller. H. W. Dietert and R. E. Steinmueller. 2,569,749, Oct. 2.
Moisture tester. A. B. Welty. 2,544,943, Mar. 13.
Molasses, Preparing dried. E. O. Sargent. 2,556,111, June 5.
Mold: *See*—
Bending mold.
Concrete block mold.
Concrete mold.
Concrete pipe mold.
Glass bending mold.
Glass mold.
Hamburger mold
Ingot mold.
Metal casting mold.
Multiple cavity mold.
Paste mold.
Pipe mold.
Recapping and retreading mold
Repair mold.
Shaping mold.
Suction gathering glass mold.
Temperature control mold.
Tire side wall mold.
Twelve cavity grommet mold.
Typographic mold.
Vented neck mold.
Mold and liner, Centrifugal. E. R. Olsen, R. F. Flora, and C. J. Lonnee. 2,543,332, Feb. 27.
Mold and prolonging the life thereof, Bending. J. D. Ryan. 2,560,599, July 17.
Mold assembly. C. A. Nichols. 2,554,378, May 22.
Mold assembly. C. A. Nichols. 2,574,223, Nov. 6.
Mold chaplet. F. P. Snyder and R. S. Hendry. 2,560,258, July 10.
Mold cleaning apparatus. N. W. Biggs and G. M. Henderson. Re. 23,321, Jan. 9.
Mold composition. B. P. Wallace. Re. 23,355, Apr. 10.
Mold composition. B. P. Wallace. 2,558,402, June 26.
Mold construction. W. Ferrell. 2,577,412, Dec. 4.
Mold cooling system for typographical casting machines. J. H. Hilpman. 2,560,648, July 17.
Mold drawing device for molding machines. H. J. Rothschild. 2,569,580, Oct. 2.
Mold filling mechanism for grid plate casting machines. A. D. Lund. 2,547,082, Apr. 3.
Mold for and method of making drainpipe splash blocks. R. F. Buchanan. 2,571,417, Oct. 16.
Mold for building blocks. L. W. Manuel. 2,537,684, Jan. 9.
Mold for building constructions. S. Kosorotoff. 2,544,602, Mar. 6.
Mold for casting columnar building blocks. G. J. Lemm. 2,554,110, May 22.
Mold for casting crankshafts. H. W. Miner. 2,569,899, Oct. 2.
Mold for casting vitreous water closet bowls. R. E. Crane and J. M. Hendrickson. 2,565,356, Aug. 21.
Mold for centering lenses in plastic mountings. H. G. Fay. 2,559,860, July 10.
Mold for centering relatively large uncentered lenses in plastic mountings. H. G. Fay. 2,559,861, July 10.
Mold for coating pipes, Field. L. Bryan. 2,554,453, May 22.
Mold for concrete blocks and the like. T. Russell. 2,570,384, Oct. 9.
Mold for concrete steps. E. J. Johnson. 2,558,615, June 26.
Mold for concrete steps, Adjustable stringer. R. L. Cline. 2,548,703, Apr. 10.
Mold for concrete walls, Imitation brick forming. B. S. Jackson. 2,550,194, Apr. 24.
Mold for forming a precut ice cream cake. F. Adams. 2,579,640, Dec. 25.
Mold for gear wheels, Segmental. A. Kost. 2,538,368, Jan. 16.
Mold for heating curing thermosetting resins. M. Brucker. 2,579,898, Dec. 25.
Mold for ice cream, confections, etc., Plastic. J. Kappel. 2,578,361, Dec. 11.
Mold for making plastic grids. E. Yellin. 2,566,817, Sept. 4.
Mold for making reflectors. H. F. Wilson. 2,538,638, Jan. 16.
Mold for manufacturing and curing transmission belts. J. A. Hurry. 2,573,643, Oct. 30.
Mold for reinforced concrete structures. J. H. Ludlow. 2,556,928, June 12.
Mold for tires, Electrically heated retreading. J. J. Fannen. 2,570,657, Oct. 9.
Mold for the production of building members. J. C. H. Lachaise. 2,536,377, Jan. 2.
Mold for type casting machines. J. J. Christman and F. D. Klapproth. 2,560,503, July 10.
Mold treating apparatus. D. C. Johnson, H. L. Warner, and A. A. Zambruno. 2,577,196, Dec. 4.
Mold with riser and exothermic insert. I. A. Billiar. 2,568,428, Sept. 18.
Molded articles, Manufacture of. S. O. Barnstead. 2,549,563, Apr. 17.
Molded athletic ball with lacing grip. A. R. Gow and C. J. Crowley. 2,575,414, Nov. 20.
Molded fibre article. M. P. Chaplin. 2,560,847, July 17.
Molded friction linings. D. E. Lucid. 2,536,136, Jan. 2.
Molded laminated articles, Making. F. Wellman. 2,564,941, Aug. 21.
Molded pulp corner protector. A. H. Risch. 2,560,249, July 10.
Molder, Confectionery. I. F. Bury. 2,539,944, Jan. 30.
Molder, Confectionary extruding. I. F. Bury. 2,539,945, Jan. 30.
Molding a cosmetic. H. Heinrich. 2,573,141, Oct. 30.
Molding and broaching machine. W. Schmid. 2,557,918, June 19.
Molding and trimming, Method and apparatus for. J. H. Wilhelm. 2,569,083, Sept. 25.
Molding and wrapping machine. H. Blanchette. 2,576,096, Nov. 27.
Molding apparatus. T. S. Huxham. 2,541,923, Feb. 13.
Molding apparatus. B. H. Scott. 2,560,783, July 17.
Molding apparatus. R. E. Wedlake. 2,565,829, Aug. 28.
Molding apparatus and method. F. Lyijynen. 2,565,248, Aug. 21.
Molding apparatus and removing creep from rubber. J. P. Truscott. 2,549,144, Apr. 17.

Molding apparatus, Concrete. K. P. Billner. 2,555,022, May 29.
Molding apparatus for roadway markers. L. T. Robinson. 2,541,547, Feb. 13.
Molding apparatus, Thermoplastic injection. L. Kardorff. 2,569,174, Sept. 25.
Molding articles. G. C. Wilson. 2,558,026, June 26.
Molding articles having as binder vegetable-tanned leather and resulting article. A. M. Monath. 2,543,925, Mar. 6.
Molding articles, Method and apparatus for. H. Z. Gora. 2,548,306, Apr. 10.
Molding artificial teeth. H. M. Thornton. 2,554,845, May 29.
Molding building slabs in position. R. W. Rumble. 2,543,939, Mar. 6.
Molding ceramic articles, Method and apparatus for. G. R. Eusner. 2,552,090, May 8.
Molding composition and articles produced therefrom. R. Lindenfelser and C. L. Michaud. 2,579,939, Dec. 25.
Molding composition and making same. E. E. Ensign and R. A. Van Patten. 2,539,408, Jan. 30.
Molding composition containing a reactive phenol-aldehyde condensation product and making the same. P. O. Powers. 2,562,945, Aug. 7.
Molding composition for battery containers. C. H. Ditz and H. A. Hussey. 2,578,518, Dec. 11.
Molding composition, Form-stable. G. O. Morrison and G. F. Metz. 2,547,962, Apr. 10.
Molding compositions and articles made therefrom. N. Vasileff and A. L. Alesi. 2,541,896, Feb. 13.
Molding compounds which cure under heat and pressure. C. H. Beare. 2,536,120, Jan. 2.
Molding concrete blocks. C. W. Akers. 2,541,734, Feb. 13.
Molding cover. C. D. West. 2,536,895, Jan. 2.
Molding equipment. L. L. Stott. 2,537,285, Jan. 9.
Molding fastener. H. W. Kost. 2,540,790, Feb. 6.
Molding fiber composition. C. C. Heritage. 2,553,412, May 15.
Molding for indirect lighting. A. T. Schmidt. 2,544,359, Mar. 6.
Molding for laundry tubs. G. W. Keating, Jr. 2,539,141, Jan. 23.
Molding form, Inner collapsible. J. H. K. Carpenter. 2,543,892, Mar. 6.
Molding from fiber dispersions. H. E. Bowers. 2,547,997, Apr. 10.
Molding high wet gel strength diolefin copolymers. M. W. Swaney and E. Arundale. 2,540,601, Feb. 6.
Molding joints between spaced structural members. K. P. Billner. 2,548,935, Apr. 17.
Molding machine. S. J. Gedris. 2,542,243, Feb. 20.
Molding machine. J. L. Legere. 2,559,647, July 10.
Molding machine. W. S. Renier. 2,565,522, Aug. 28.
Molding machine, Automatic hamburger patty. H. H. Holly. 2,564,064, Aug. 14.
Molding machine, Bank strip. W. F. Smith. 2,568,771, Sept. 25.
Molding machine, Concrete block. W. V. Godefroid. 2,560,722, July 17.
Molding machine, Concrete block. W. G. Sherman, H. Wright, and C. J. Davidson. 2,542,584, Feb. 20.
Molding machine, Core. A. H. Peterson. 2,543,598, Feb. 27.
Molding machine, Injection. J. V. Bertrand. 2,537,182, Jan. 9.
Molding machine, Injection. H. M. Dodge. 2,570,433, Oct. 9.
Molding machine, Injection. G. C. Wilson. 2,558,027, June 26.
Molding machine, Pulp. M. P. Chaplin. 2,559,945, July 10.
Molding of plastic articulators. W. Kleiner. 2,566,131, Aug. 28.
Molding plastic articles. N. O. Broderson. 2,571,193, Oct. 16.
Molding porcelain casts. W. D. Raber. 2,550,938, May 1.
Molding press. H. I. Reiskind and G. W. Longacre. 2,552,458, May 8.
Molding press for plastic dental plates. A. J. Desnoyers. 2,571,546, Oct. 16.
Molding refractory oxides. A. H. Ballard. 2,538,959, Jan. 23.
Molding sand handling machine. L. O. Greeley. 2,571,710, Oct. 16.
Molding sheet materials, Process and apparatus for. W. B. Clifford and R. R. Walton. 2,565,949, Aug. 28.
Molding strip, Flexible. K. M. Keller. 2,541,768, Feb. 13.
Molding structural slabs of cement and fiber. S. W. Evensen. 2,569,157, Sept. 25.
Molding thermoplastic materials, Method and apparatus for. G. J. Kovacs. 2,551,439, May 1.
Molding tubes from cementitious material, Apparatus and method for. P. Salvaneschi. 2,569,538, Oct. 2.
Molding undercut knob handles or other undercut portions upon glass articles. A. S. Brown. 2,552,839, May 15.
Molding zirconia. A. H. Ballard. 2,567,592, Sept. 11.
Molds for electrotypes, Making. H. G. Schwarz. 2,578,209, Dec. 11.
Molds, Making electrotype. H. G. Schwarz and E. F. Bures. 2,536,316, Jan. 2.
Molecular polyamides, Producing high. J. Procházka. 2,554,592, May 29.
Molten bath furnace. G. G. Warren. 2,579,634, Dec. 25.
Molten metal-air thermal power plant. J. F. Alcock. 2,561,604, July 24.
Molten metal feeding apparatus. M. Hunter. 2,555,134, May 29.
Molten metal supplying device for pressure die-casting machines. J. de Sternberg. 2,575,162, Nov. 13.
Molybdenum control for manganese electrowinning. E. M. Wanamaker, W. L. Hammerquist and W. D. Morgan, Jr. 2,538,995, Jan. 23.
Momentary control switch. S. Moledzky. 2,562,567, July 31.
Money storage container. J. W. Atkinson. 2,543,751, Mar. 6.
Monitor for amplitude modulated signals. H. R. Summerhayes, Jr. 2,548,635, Apr. 10.
Monitor for filamentary material. R. M. Brink. 2,572,837, Oct. 30.
Monitor for fission gases. R. Livingston and H. A. Levy. 2,576,616, Nov. 27.
Monitor for pumping systems. H. J. Gearin. 2,564,528, Aug. 14.
Monitoring circuit. G. M. Farly and D. A. Mack. 2,550,460, Apr. 24.
Monoaroylated 1:4-diamino-anthraquinones, Manufacture of. E. Moergeli. 2,556,971, June 12.
Monoazo compounds containing a 4,6-dihydroxypyrimidine nucleus. J. B. Dickey and J. G. McNally. 2,578,290, Dec. 11.
Monoazodyestuffs. F. Felix, A. Heckendorn, and W. Widmer. 2,570,052, Oct. 2.
Monoazo dyestuffs. B. J. Heywood and A. H. Knight. 2,557,285, June 19.
Monoazo dyestuffs. W. Steinemann. 2,543,610, Feb. 27.
Monoazo dyestuffs. W. Widmer and R. Ruegg. 2,538,610, Jan. 16.
Monoazo-dyestuffs and making same. W. Widmer and E. Reich. 2,538,741, Jan. 16.
Monoazo dyestuffs, Metallizable. W. Kuster. 2,551,887, May 8.
Monochloroacetic acid, Production of. C. M. Eaker. 2,539,238, Jan. 23.
Monochloroacetylureas, Preparing. E. I. Hoegberg. 2,562,863, July 31.
Mono-enolic organic compounds used to modify physical properties of thermoplastic polymers. E. L. Kropa. 2,552,328, May 8.
Mono-ethers of 1-4-dihydroxynaphthalene, Preparation of. C. M. Smith. 2,572,822, Oct. 23.
Monofuel. J. A. Hannum. 2,559,071, July 3.
Monohydric alcohol esters, Production of. R. Rosenbusch. 2,541,482, Feb. 13.
Monohydric phenolic ether-modified drying oils and making same, Unsaturated. J. B. Rust and W. B. Canfield. 2,563,870, Aug. 14.
Mononitro monocyclic aryl lower alkyl ethers, Preparing. M. Witte. 2,569,431, Sept. 25.
Monopotassium phosphate piezoelectric crystals. M. Bruzau and C. Meuleau. 2,575,511, Nov. 20.
Monorail track. G. C. Henderson. 2,539,078, Jan. 23.
Monorailway system, Overhead. W. C. Cox. 2,542,236, Feb. 20.
Monoscope, Cesiated. H. P. Steier. 2,540,635, Feb. 6.
Mooring device. F. W. Coffing. 2,550,913, May 1.
Mooring device, Boat. K. P. Thoss. 2,565,580, Aug. 28.
Mooring shackle. J. E. Chisholm. 2,574,859, Nov. 13.
Mop and dust bag, Combination. B. K. Bernbaum. 2,562,230, July 31.
Mop and holder therefor, Sponge. S. P. Vaughn. 2,540,768, Feb. 6.
Mop clamp with lockable spring bar. T. J. Campbell. 2,568,218, Sept. 18.
Mop cleaning attachment. E. J. Franta. 2,560,856, July 17.
Mop construction. J. E. Tucker. 2,538,542, Jan. 16.
Mop construction, Wringable. J. F. Bagley, Jr. 2,550,397, Apr. 24.
Mop, Foot. E. Peterson. 2,571,606, Oct. 16.
Mop head holder. H. E. Lindstrom. 2,559,722, July 10.
Mop, Reversible. F. K. Bogan. 2,572,978, Oct. 30.
Mop wringer, Pivoted jaw. J. E. Stapf. 2,569,786, Oct. 2.
Mopping apparatus. D. C. Wolfer. 2,577,496, Dec. 4.
Mops, Manufacture of. P. M. Rogers. 2,577,037, Dec. 4.
Mordant azo-dyestuffs. M. Müller and J. Ostertag. 2,551,894, May 8.
Morpholine salicylates and their preparation. J. H. T. Ledrut. 2,551,682, May 8.
Mortar backing device. S. J. Maytan. 2,556,625, June 12.
Mortar base plate. S. Weiss and E. C. Roberts. 2,558,024, June 26.
Mortar sight. G. L. Herter. 2,560,574, July 17.
Mortar sight bracket and sight. E. C. Roberts and G. B. Davis, Jr. 2,572,882, Oct. 30.
Mortising machine work holding attachment to drill press. H. V. Schwandt. 2,576,485, Nov. 27.
Mortising plane. W. A. Dohmeyer. 2,579,911, Dec. 25.
Mortuary support. E. G. Behrens. 2,557,858, June 19.
Mosaic electrode, Preparing a double-sided. C. C. Larson. 2,539,442, Jan. 30.
Mothproofing composition and the application thereof to fabrics from dry cleaner's solvent. E. A. Wolff. 2,540,311, Feb. 6.

Moth repellent and deodorant container. N. E. Wilson and A. L. Saeks. 2,579,715, Dec. 25.
Moth-repellent cake and a container therefor. D. Brody. 2,547,687–8, Apr. 3.
Moting apparatus. J. A. Streun. 2,536,780, Jan. 2.
Motion arresting device. M. Boehm. 2,557,720, June 19.
Motion control for work clamping members of automatic sewing machines. J. Richter. 2,568,205, Sept. 18.
Motion controlled braked operator. A. W. Schostak. 2,561,482, July 24.
Motion converter. H. F. Vachè. 2,548,411, Apr. 10.
Motion converting device. G. H. Leland. 2,566,571, Sept. 4.
Motion converting mechanism. J. G. Baker. 2,549,561, Apr. 17.
Motion converting mechanism. A. A. Bamberger. 2,567,798, Sept. 11.
Motion converting mechanism. T. Y. Korsgren. 2,578,559, Dec. 11.
Motion converting mechanism. E. A. Rehwald. 2,564,816, Aug. 21.
Motion mechanism. O. Cardell. 2,569,707, Oct. 2.
Motion multiplying mechanism. W. G. Abbott, Jr. 2,544,122, Mar. 6.
Motion-picture condenser lens mounting. E. W. D'Arcy. 2,554,666, May 29.
Motion-picture film developer feeding device. H. W. Houston. 2,579,741, Dec. 25.
Motion-picture film reel. C. Fulop. 2,542,186, Feb. 20.
Motion-picture projector case. M. Barnett. 2,566,714, Sept. 4.
Motion-picture projection screen stand. H. E. Eller. 2,549,584, Apr. 17.
Motion picture reproducing apparatus. D. Heyer. 2,568,734, Sept. 25.
Motion-picture system, Stereoscopic. L. J. E. A. Dodin. 2,570,654, Oct. 9.
Motion-reproducing device. W. H. Newell. 2,540,989, Feb. 6.
Motion translating apparatus. W. P. Niblick. 2,562,569, July 31.
Motion translating mechanism. H. A. Baxter and W. D. Lewis. 2,541,324, Feb. 13.
Motion transmitting device. L. J. Griffey. 2,542,769, Feb. 20.
Motion transmitting device. H. H. Laucks. 2,573,457, Oct. 30.
Motion trip for offset printing machines, Ink and water. A. J. Albrecht. 2,545,836, Mar. 20.
Motion weighing. H. M. Roeser. 2,543,806, Mar. 6.
Motivating means for agricultural machines. P. Torrani. 2,542,374, Feb. 20.

Motor: *See*—
- Alternating current motor.
- Axial-gap motor.
- Convertible motor.
- Drag-barrel motor.
- Electric motor.
- Electric reciprocating motor.
- Electromagnetic motor.
- Fluid motor.
- Geared electric motor.
- Induction motor.
- Internal-combustion motor.
- Lightweight electric motor.
- Liquid driven motor.
- Magnetic motor.
- Magnetically operated motor.
- Mechanical motor.
- Metal cast electric motor.
- Miniature electric motor.
- Multispeed induction motor.
- Multispeed motor.
- Multitube mosaic reso-jet motor.
- Oscillating step motor.
- Outboard motor.
- Pressure fluid motor.
- Propeller pitch change motor.
- Reciprocating pneumatic motor.
- Reversible outboard motor.
- Reversible split-phase motor.
- Reversible step motor.
- Rotary fluid motor.
- Rotary hydraulic expansible chamber motor.
- Rotary motor.
- Self-lubricating wind motor.
- Self-starting contact type electric motor.
- Self-starting single-phase motor.
- Self-starting synchronous electric motor.
- Shaded pole electric motor.
- Shaded pole motor.
- Single-phase induction motor.
- Single-phase reversible motor.
- Spring actuated motor.
- Spring motor.
- Submersible electric motor.
- Synchronous motor.
- Thermal motor.
- Thermoelectric motor.
- Thermoelectric timer motor.
- Variable speed electric motor.
- Vibrating reed type direct-current motor.
- Vibratory electric motor.
- Vibratory motor.
- Water motor.

Motor. R. C. Thomas. 2,545,753, Mar. 20.
Motor adaptor. H. G. Isherwood and B. J. Moore. 2,578,886, Dec. 18.
Motor analyzer. W. W. Logan. 2,573,208, Oct. 30.
Motor and gauge plate control for slicing machines. A. W. Lundell. 2,558,766, July 3.
Motor and operation, Induction. A. E. Spinasse and W. H. Pumphrey, Sr. 2,567,976, Sept. 18.
Motor and servo mechanism, Variable-speed. W. C. Robinette. 2,575,362, Nov. 20.
Motor and valve means for controlling the same, Rotary fluid. D. G. Griswold. 2,545,774, Mar. 20.
Motor-alternator control system. H. W. Graybrook and M. C. Potter. 2,549,305, Apr. 17.
Motor alternator control system. M. C. Potter. 2,549,334, Apr. 17.
Motor bearing and assembly. E. S. Tamm. 2,536,784, Jan. 2.
Motor block attaching means for motor stands. G. C. Montague. 2,568,508, Sept. 18.
Motor boat propulsion, Pendulum driven hydraulic. I. E. Reed. 2,556,340, June 12.
Motor braking and line circuit control. E. H. Remde. 2,539,552, Jan. 30.
Motor braking system, Electric. J. W. Picking. 2,554,382, May 22.
Motorcar service mechanism. R. D. Smith. 2,576,544, Nov. 27.
Motor clockwork, Synchronous. E. A. Allen. 2,574,430, Nov. 6.
Motor compressor unit. H. E. Earl. 2,542,121, Feb. 20.
Motor construction for valves or the like, Fluid. C. B. Ives. 2,574,574, Nov. 13.
Motor construction, Synchronous electric. E. O. Schweitzer, Jr. 2,559,738, July 10.
Motor control. E. P. Codling. 2,579,066, Dec. 18.
Motor control. D. C. Reek. 2,580,242, Dec. 25.
Motor control apparatus, Reversible. P. T. Semm and R. T. Nakasone. 2,569,697, Oct. 2.
Motor control apparatus with separate null indicating device, Electronic. A. E. Gealt. 2,548,014, Apr. 10.
Motor control arrangement. R. G. Wampach. 2,538,994, Jan. 23.
Motor control for machine-tool drives. T. L. Hallenbeck. 2,552,041, May 8.
Motor control for rotary tool machines. F. S. Sinclaire. 2,563,497, Aug. 7.
Motor control for signal responsive selector mechanism. A. R. Eggensperger. 2,569,980, Oct. 2.
Motor control mechanism, Fluid. C. E. Adams and E. H. Born. 2,546,579, Mar. 27.
Motor control, Mill screw. B. M. Rice. 2,552,459, May 8.
Motor control, Skip hoist. G. Fox. 2,567,427, Sept. 11.
Motor control system. S. L. Burgwin and F. Vandenberg. 2,569,287, Sept. 25.
Motor control system. R. Frank. 2,553,409, May 15.
Motor control system. G. E. King. 2,575,717, Nov. 20.
Motor control system. H. F. McKenney and W. H. Newell. 2,546,271, Mar. 27.
Motor control system. H. M. Ogle. 2,555,992, June 5.
Motor control system, Coarse-fine electric. M. N. Yardeny and A. Razdowitz. 2,543,950, Mar. 6.
Motor control system, Condition responsive. E. C. Capuzzi. 2,550,527, Apr. 24.
Motor control system, Electric. E. A. Binney and F. W. Roberts. 2,565,118, Aug. 21.
Motor control system, Electric. G. S. Carrick. 2,555,674, June 5.
Motor control system, Electric. H. Conviser. 2,545,343, Mar. 13.
Motor control system, Electric. A. J. Hornfeck. 2,557,824, June 19.
Motor control system, Electric. J. A. Tanner. 2,544,286, Mar. 6.
Motor control system, Electric. G. R. Wilson. 2,542,854, Feb. 20.
Motor control system, Electrical. H. Ziebolz and P. Glass. 2,545,405, Mar. 13.
Motor control system, Electronic. W. W. Cotner. 2,550,105, Apr. 24.
Motor control system for deodorizing devices. C. Pfeifer. 2,560,817, July 17.
Motor control system, Prepositioning. C. A. Schurr. 2,564,284, Aug. 14.
Motor control system, Starter. D. L. Dodge. 2,560,094, July 10.
Motor control system with single relay for field application and removal, Synchronous. T. F. Bellinger. 2,569,142, Sept. 25.
Motor control, Two-phase induction. R. A. Runyan. 2,561,319, July 17.
Motor controller, Electric. J. Bunyan. 2,561,782, July 24.
Motorcycle front fork with headlight. J. Jozif and J. Mráz. 2,542,926, Feb. 20.
Motorcycle saddlebag mounting. J. S. Ashdowne. 2,553,739, May 22.
Motorcycle seat support. A. M. Dunlap. 2,568,796, Sept. 25.
Motor device for control systems, Fluid-pressure. R. Leduc. 2,574,335, Nov. 6.
Motor drive, Electric. R. L. Stone. 2,563,562, Aug. 7.
Motor drive for pump shafts. A. J. Garey. 2,564,838, Aug. 21.
Motor drive, Multiple. E. O. Wangerin and R. W. Wetherald. 2,571,801, Oct. 16.
Motor drive, Synchronized. T. C. Sharp. 2,560,485, July 10.
Motor-driven actuator unit. V. A. Larsen. 2,547,475, Apr. 3.
Motor-driven switch. R. Pudelko. 2,555,508, June 5.
Motor-driven tool. K. C. Atkin. 2,546,846, Mar. 27.
Motor frame having coolant system incorporated therein, Electric. R. R. Hayes. 2,571,872, Oct. 16.
Motor for clutches, Vacuum. T. H. Thomas. 2,566,642, Sept. 4.
Motor for driving variable stroke piston pumps, Wind. L. D'Amelio. 2,555,787, June 5.

Motor fuel and antiknock agent. W. E. Morris and W. C. Howell, Jr. 2,557,019, June 12.
Motor fuel and drying oil by hydrogen fluoride polymerization and alkylation, Production of. C. B. Linn. 2,563,051, Aug. 8.
Motor generator assembly. G. M. Myrmirides. 2,539,459. Jan. 30.
Motor-generator gearing. E. P. Larsh. 2,547,709, Apr. 3.
Motor governor. H. Lyons. 2,562,322, July 31.
Motor guide. G. H. Harris. 2,545,086, Mar. 13.
Motor handling device. E. W. Goebel and G. F. Kurz. 2,580,018, Dec. 25.
Motor having a check terminal operation thereof, Fluid pressure. A. J. Bent. 2,558,810, July 3.
Motor having an electromagnetic brake. J. E. Chapman and J. C. De Haas. 2,536,491, Jan. 2.
Motor having spring-and-latch valve-reversing means, Shaft-oscillating fluid-actuated. C. E. Bannister. 2,559,842, July 10.
Motor head unit, Multispeed. R. H. Morgan. 2,545,040, Mar. 13.
Motor installation for aircraft. A. M. Guery. 2,564,530, Aug. 14.
Motor lift attachment. S. Rinkel. 2,575,564, Nov. 20.
Motor lubrication. G. E. Burks and R. R. Robinson. 2,550,967, May 1.
Motor mechanism for windshield wipers, Hydraulic. W. H. Brown. 2,543,686, Feb. 27.
Motor mount. L. J. Cuthbertson. 2,544,778, Mar. 13.
Motor mount construction. F. S. Thomas, Jr. 2,538,175, Jan. 16.
Motor mounting. W. J. Morrill. 2,580,313, Dec. 25.
Motor of the rotary abutment type, Fluid. F. Berry. 2,548,339, Apr. 10.
Motor operable by liquid propellants and operating it, Reaction. F. J. Malina and J. W. Parsons. 2,573,471, Oct. 30.
Motor operated chuck. A. E. Church. 2,579,796, Dec. 25.
Motor operation, Sequential. J. T. Gates, G. H. Lister, and A. R. Panetta. 2,542,189, Feb. 20.
Motor or pump, Multipiston. E. F. Engstrom. 2,545,609, Mar. 20.
Motor plant for cargo boats and like sea boats. B. Kervarrec. 2,579,929, Dec. 25.
Motor propulsion and steering unit, Twin propeller marine. J. J. Shively. 2,569,346, Sept. 25.
Motor protective circuit. J. Di Giovanni. 2,545,690, Mar. 20.
Motor pump. C. J. Blom. 2,545,422, Mar. 13.
Motor pump and fan set for automobile vehicles. A. Dewandre. 2,538,299, Jan. 16.
Motor pump of the submersible type, Electric. G. P. E. Howard and V. Ivanoff. 2,568,548, Sept. 18.
Motor speed control. P. F. Arnold. 2,568,701, Sept. 25.
Motor speed control apparatus. M. R. Ludwig. 2,537,902, Jan. 9.
Motor speed control, Induction. G. Koehler. 2,560,698, July 17.
Motor speed governor. T. Preston. 2,575,928, Nov. 20.
Motor speed regulation, Electric. S. F. Thunberg, P. F. Alm, and E. F. G. Fredlund. 2,557,208, June 19.
Motor starting and safety switch. A. R. Lucas. Re. 23,330, Jan. 16.
Motor supporting means for agricultural elevators, Adjustable. W. Vutz. 2,572,290, Oct. 23.
Motor system and cooling means for the pump thereof, Hydraulic. T. F. Stacy. 2,560,749, July 17.
Motor system for operating tire building drums and the like, Fluid. J. I. Haase. 2,558,684, June 26.
Motor system, Liquid level responsive fluid. D. J. Francki. 2,557,345, June 19.
Motor telemetric system, Electric. H. T. Hoffman and A. J. Hornfeck. 2,557,741, June 19.
Motor testing unit. F. R. Dotson. 2,579,804, Dec. 25.
Motor torque arm, Mine locomotive. L. D. Hagenbook. 2,550,690, May 1.
Motor truck decking. E. F. McHenry. 2,540,400, Feb. 6.
Motor turntable drive, Plural. M. M. Gruber. 2,573,011, Oct. 30.
Motor unit, Compound fluid. H. E. Nixon. 2,562,363, July 31.
Motor vehicle. C. R. Paton. 2,549,925, Apr. 24.
Motor vehicle accessory system. E. C. Horton. 2,537,271, Jan. 9.
Motor vehicle accessory system and pump therefor. A. Rappl and E. C. Horton. 2,564,173, Aug. 14.
Motor vehicle actuated road speed checking apparatus. A. P. and O. P. Prather. 2,576,415, Nov. 27.
Motor vehicle cleaning apparatus having rotary brushes mounted on pivoted carriers. L. J. Rousseau. 2,579,866, Dec. 25.
Motor vehicle control mechanism. H. O. Hedges. 2,542,410, Feb. 20.
Motor vehicle driving mechanism. B. W. Keese. 2,537,060, Jan. 9.
Motor vehicle frame. H. A. Darrin. 2,551,528, May 1.
Motor vehicle frame alignment measuring mechanism. R. D. Smith. 2,575,194, Nov. 13.
Motor vehicle window screen. E. M. Puffer. 2,549,234, Apr. 17.
Motor vehicle with tandem conversion attachment. C. E. Dorsey, Jr. 2,539,733, Jan. 30.
Motor with automatic short-circuiters, Wound rotor induction. P. H. Trickey. 2,544,571, Mar. 6.
Motor with concentrically disposed heat exchange components, Hot gas. H. Rinia and F. L. van Weenen. 2,560,987, July 17.
Motor with cylinders arranged concentrically about and parallel with the driveshaft, Internal-combustion. E. M. Järvinen. 2,556,585, June 12.
Motor with fluid clutch, Outboard. D. D. Kloss. 2,542,682, Feb. 20.
Motor with means for stopping relative movements of the motor parts, Cylinder-piston. S. W. G. Beard. 2,542,463, Feb. 20.
Motor with pilot pressure control, Pressure fluid follow-up. H. W. Alyea. 2,575,085, Nov. 13.
Motor with solid propellant and propellant charge therefor, Rocket. J. W. Parsons. 2,563,265, Aug. 7.
Motor with valve disk and cushioning means, Fluid. J. C. Bender. 2,539,720, Jan. 30.
Motorized vehicle. G. K. Henney. 2,575,873, Nov. 20.
Motors for vehicles and control thereof, Multiple. E. Bobard. 2,575,256, Nov. 13.
Mount, Adjustable photograph. S. Widder. 2,568,178, Sept. 18.
Mount and actuator, Door. G. E. Lundine. 2,557,749, June 19.
Mount and countershaft for watchmakers, Combination. W. B. Merkley. 2,553,929, May 22.
Mount, Camera lens. E. Guinchard. 2,547,576, Apr. 3.
Mount for aircraft, Armed. E. W. Stacey, D. W. Hannable, A. R. Hubbard, and G. K. Richardson. 2,542,217, Feb. 20.
Mount for breakback mowers, Rockable. C. Girardi. 2,550,412, Apr. 24.
Mount for cathode-ray tubes in Schmidt projector, Adjustable. M. J. Groenenberg. 2,571,233, Oct. 16.
Mount for centrifuges and the like, Sanitary foot. J. E. Cook. 2,547,075, Apr. 3.
Mount for electron discharge devices. D. G. Burnside. 2,573,397, Oct. 30.
Mount for machine guns, Adjustable rear. P. F. Peterson. 2,537,419, Jan. 9.
Mount for magnetic transducing heads. R. E. Zenner. 2,563,445, Aug. 7.
Mount for photographic objectives. F. Hinden. 2,536,500, Jan. 2.
Mount for periscopic sextants. V. E. Carbonara and E. D. MacDonald. 2,554,010, May 22.
Mount for telescopic sights, Adjustable. W. C. Hackett. 2,542,513, Feb. 20.
Mount for trailer hitch. A. F. Smith. 2,549,941, Apr. 24.
Mount for vehicle doors, Appliance. R. H. Kershaw. 2,549,100, Apr. 17.
Mount, Motor. E. Mountain and G. D. Lawton. 2,568,290, Sept. 18.
Mount reshaping apparatus. A. P. Russell. 2,575,771,
Mount with snap rings, Telescope. M. Leupold. 2,548,031, Apr. 10.
Mounted sectional container. S. Kops. 2,541,371, Feb. 13. Nov. 20.

Mounting: *See*—

Adjustable light mounting.
Aircraft gunsight mounting.
Aircraft nose-wheel or tail-wheel mounting.
Angularly adjustable circular saw mounting.
Antenna mounting.
Ball-bearing mounting.
Ball-joint mounting.
Bearing mounting.
Bracket rod mounting.
Clutch lever mounting.
Combustion chamber fuel nozzle mounting.
Contact mounting.
Curtain rod mounting.
Diaphragm mounting.
Draft gear mounting.
Dresser mounting.
Dynamoelectric machine core mounting.
Eccentric crank pin mounting.
Facsimile recorder helical electrode mounting.
Fan blade mounting.
Fan guard mounting.
Fan mounting.
Fender shield mounting.
Flexible antenna mounting.
Fog light mounting.
Front wheel axle mounting.
Fuel pump mounting.
Geiger-Müller tube mounting.
Gun mounting.
Gun sight mounting.
Gun telescope mounting.
High-speed rotor mounting.
Hoist drum mounting.
Hydrophone mounting.
Indicating meter dial plate adjustable mounting.
Indoor television antenna mounting.
Key switch mounting.
Level vial mounting.
Loud-speaker mounting.
Motion-picture condenser lens mounting.
Motor mounting.
Motorcycle saddlebag mounting.
Movable machine mounting.
Multiple, parallel-connected meter mounting.
Oil burner mounting.
Ophthalmic mounting.
Overhead door mounting.
Phonograph pickup mounting.
Picking cam mounting.
Pilot lamp mounting.
Pivotal mounting.
Quick-change self-locking wheel mounting.
Railway car truck and body mounting.
Railway truck axle box mounting.
Relay mounting.

Mounting: *See*—Continued.
Resilient expansible buckle mounting.
Resilient mounting.
Roll mounting.
Roll-shear vibration isolation mounting.
Rotary chipper - knife mounting.
Sash mounting.
Self-aligning rearview mirror mounting.
Semirimless ophthalmic mounting.
Shock absorber mounting.
Sight mounting.
Single sash storm window mounting.
Slide mounting.
Spray mast mounting.
Tank cradle mounting.
Telephone mounting.
Telescope gun sight mounting.
Timer mounting.
Tone arm mounting.
Tractor and implement mounting.
Tractor fifth wheel mounting.
Tractor seat mounting.
Turbine blade mounting.
Vibration isolation mounting.
Vibration mounting.
Washbasin mounting.
Wheel cover mounting.
Wheel mounting.
Windshield mounting.
Window glass mounting.
Window mounting.
Mounting. N. E. Lee. 2,539,443, Jan. 30.
Mounting. N. E. Lee. 2,555,347, June 5.
Mounting. N. E. Lee. 2,562,195, July 31.
Mounting a magnetic translating head. C. C. Davis. 2,550,916, May 1.
Mounting and decorative means for panels, panes, and the like. L. C. Smith. 2,550,305, Apr. 24.
Mounting and locking optical lenses in a housing. J. A. V. Benard. 2,544,250, Mar. 6.
Mounting and operating means for electric switches. C. F. Robbins. 2,568,933, Sept. 25.
Mounting and operating the slats in Venetian blinds. D. R. Barnes, Sr. 2,560,840, July 17.
Mounting and protecting device for cathode-ray tubes. R. A. Fisch. 2,559,353, July 3.
Mounting and protecting device, Mirror. O. C. Kelly. 2,577,526, Dec. 4.
Mounting arrangement for electrical apparatus. F. C. Wright, A. C. Delamare, and A. E. J. Richards. 2,538,070, Jan. 16.
Mounting arrangement of refrigeration unit. A. E. Truelove and P. W. MacCarthy. 2,551,514, May 1.
Mounting assembly for fluorescent fixtures. A. O. Locke. 2,569,859, Oct. 2.
Mounting assembly for refrigerative air conditioners. P. B. Moore. 2,560,467, July 10.
Mounting bracket. C. I. Brown, Jr. 2,568,609, Sept. 18.
Mounting construction, Radio chassis. B. T. Setchell. 2,549,021, Apr. 17.
Mounting cups in mercury switches. E. V. Torgeson. 2,562,752, July 31.
Mounting cutting blades on shafts. C. A. Martin. 2,572,042, Oct. 23.
Mounting device. G. J. Winslow. 2,558,328, June 26.
Mounting device, Cushion. R. W. Fernstrum. 2,560,098, July 10.
Mounting device for automobile license plates, Adjustable. V. T. Meagher. 2,538,975, Jan. 23.
Mounting device for cable clamps. W. H. Churchill. 2,537,928, Jan. 9.
Mounting device for telephones and the like. P. L. Stone. 2,579,878, Dec. 25.
Mounting device for window ventilating fans. M. H. Fuller. 2,546,944, Mar. 27.
Mounting device, Garment. H. E. Stout. 2,556,049, June 5.
Mounting enclosure for lighting fixtures. S. Deutsch and R. A. Manning. 2,569,518, Oct. 2.
Mounting for aircraft wheels, Pivotal. R. W. Brown. 2,537,634, Jan. 9.
Mounting for automotive vehicles, Display. P. J. Smith. 2,543,605, Feb. 27.
Mounting for awnings, Offset gooseneck. E. P. D'Azzo. 2,567,424, Sept. 11.
Mounting for axleless trucks, Wheel. H. F. Flowers. 2,566,322, Sept. 4.
Mounting for axleless trucks, Wheel. H. F. Flowers. 2,566,881, Sept. 4.
Mounting for cameras. L. P. C. J. Dudley. 2,572,994, Oct. 30.
Mounting for cameras, Flash synchronizer. D. Throne. 2,578,157, Dec. 11.
Mounting for carriage pinions, Typewriter. O. Aebi. 2,556,053, June 5.
Mounting for chassis of motor vehicles, Resilient. O. K. Hobbs. 2,571,449, Oct. 16.
Mounting for clothes receiving cylinders in washing machines, Resilient. J. W. Chamberlin. 2,555,269, May 29.
Mounting for combination air cleaner and carburetor silencer. J. B. Sebok. 2,557,236, June 19.
Mounting for cutting torches. H. R. Gettys and R. P. Kissick. 2,574,100, Nov. 6.
Mounting for cylindrical containers, Caster. C. W. Lanter. 2,543,697, Feb. 27.
Mounting for double drop trailer tanks. R. Bernstein. 2,558,168, June 26.
Mounting for fan blades. W. K. Skolfield. 2,558,589, June 26.
Mounting for fastening members and the like. W. L. Trafton. 2,571,394, Oct. 16.
Mounting for flood lights, Inner reflector. F. Sale and D. Press. 2,571,294, Oct. 16.
Mounting for fluid motors, Shaft. E. C. Horton and E. V. Schaal. 2,572,727, Oct. 23.
Mounting for fluorescent lamp sockets, Resilient. L. C. Carlson. 2,565,064, Aug. 21.
Mounting for guard finger with ledger plates. O. Wannebo. 2,577,939, Dec. 11.
Mounting for galvanometers, Locking. W. S. Staff. 2,571,776, Oct. 16.
Mounting for governors, Flyweight. S. Steen-Johnsen. 2,546,911, Mar. 27.
Mounting for impact crushers, Shoe. H. J. Woock and R. K. Cadwell. 2,551,862, May 8.
Mounting for internal-combustion engines, Accessory. B. G. Valentine. 2,549,948, Apr. 24.
Mounting for ironing boards and irons, Combined. D. Woelke. 2,568,211, Sept. 18.
Mounting for jettisonable aircraft engines. C. W. Willis. 2,577,058, Dec. 4.
Mounting for loom shuttle binders. J. T. Kennedy. 2,556,037, June 5.
Mounting for motorcycles, Saddle bag. J. S. Ashdowne. 2,577,560, Dec. 4.
Mounting for motor vehicles, Cab. H. F. Foley and R. M. Price. 2,564,888, Aug. 21.
Mounting for motors and the like, Resilient. C. Saurer. 2,538,658, Jan. 16.
Mounting for optical observation instruments, Vibration damping. J. W. French, J. M. Strang, and C. D. Macgill. 2,572,919, Oct. 30.
Mounting for outboard motors, Steering. E. C. Kiekhaefer. 2,549,486, Apr. 17.
Mounting for permeability tuners, Core. A. J. Torre. 2,555,520, June 5.
Mounting for photoelectric cells. O. J. Holmes. 2,544,554, Mar. 6.
Mounting for player arms. M. W. Kenney. 2,545,363, Mar. 13.
Mounting for phonograph turntable drives, Idler wheel. E. V. Schneider. 2,547,666, Apr. 3.
Mounting for radio receivers, Cursor. F. Wilkinson. 2,565,160, Aug. 21.
Mounting for rail vehicles, Axle-box spring. G. Borgeaud and J. Waldvogel. 2,567,469, Sept. 11.
Mounting for railway motor cars, Cab top. I. N. Eustis and N. J. McDonald. 2,566,178, Aug. 28.
Mounting for rearview mirror reflectors. L. E. Jones. 2,579,148, Dec. 18.
Mounting for rearview mirrors. D. W. Barkley. 2,547,071, Apr. 3.
Mounting for rearview mirrors, Safety. J. S. Barrett. 2,565,012, Aug. 21.
Mounting for rocket launchers. C. D. Graham. 2,573,434, Oct. 30.
Mounting for rotary agitators. C. S. Brown and E. E. Deuring. 2,536,348, Jan. 2.
Mounting for rotary plows, Resilient tooth. H. J. Seaman. 2,559,048, July 3.
Mounting for rotary plows, Spring-biased tooth. F. P. Shaw. 2,545,173, Mar. 13.
Mounting for sealed reflector units, Light bulb. W. M. Damron. 2,563,217, Aug. 7.
Mounting for sheaves and the like. W. Siegerist. 2,570,604, Oct. 9.
Mounting for sheaves, etc. D. Firth. 2,571,699, Oct. 16.
Mounting for sliding doors. A. E. Whittit. 2,573,236, Oct. 30.
Mounting for spirit levels. C. P. Davey. 2,567,553, Sept. 11.
Mounting for stencil screens. C. F. Schaefer. 2,571,064, Oct. 9.
Mounting for switch assemblies. M. J. Larsen. 2,562,673, July 31.
Mounting for telescopes, Prism. C. Brandon. 2,550,962, May 1.
Mounting for tractors, Front wheel. J. O. Hardin, Jr. 2,561,114, July 17.
Mounting for truck cabs, Ventilator wing. B. G. Barnett. 2,567,799, Sept. 11.
Mounting for tubular lighting fixtures, Overhead. T. B. Farrington, W. T. Keller, and H. L. Dalzell. 2,564,328, Aug. 14.
Mounting for tuning forks. D. Sebouh. 2,556,342, June 12.
Mounting for typewriting or like machines, Detachable platen. H. J. Hart and W. H. Kupper. 2,542,868, Feb. 20.
Mounting for typewriters or other machines on cabinets. F. H. Bloomstran. 2,557,719, June 19.
Mounting for vacuum cleaner nozzles with power-driven brush, Detachable. C. H. MacFarland. 2,538,464, Jan. 16.
Mounting for windows, Slidable pane. F. Nutter. 2,551,504, May 1.
Mounting for work centers and the like. W. G. Hoelscher. 2,571,363, Oct. 16.
Mounting frame for fertilizer spreaders and the like. E. S. Gandrud. 2,563,165, Aug. 7.
Mounting instruments. W. O. Davis. 2,548,954, Apr. 17.
Mounting machine, Drop center tire casing. C. M. Joslyn. 2,550,728, May 1.
Mounting means for bulk ice-cream containers. M. J. West. 2,567,458, Sept. 11.
Mounting means for circuit breakers or the like. F. Farrell. 2,547,156, Apr. 3.

Mounting means for electrical switch boxes and the like. N. H. Tranas. 2,562,344, July 31.
Mounting means for flood light reflectors, Detachable. F. Sale and D. Press. 2,571,295, Oct. 16.
Mounting means for guard grilles of fans or similar appliances. O. A. Sutton. 2,554,601, May 29.
Mounting means for suspended lighting-fixture accessory, Quickly detachable. E. D. Altree. 2,564,046, Aug. 14.
Mounting means for variable magnification optical systems. H. Waitt. 2,537,561, Jan. 9.
Mounting means for wheel supported swing frames, Detachable. C. P. Leliter. 2,554,785, May 29.
Mounting means, Spool drive. H. W. Sachs. 2,553,835, May 22.
Mounting mechanism for bulldozer blades and similar implements. F. W. Allan. 2,565,337, Aug. 21.
Mounting of a variable pitch propeller, Roller track. M. E. Cushman. 2,566,696, Sept. 4.
Mounting of construction boards. J. B. Een. 2,562,779, July 31.
Mounting of electrode structures in envelopes. L. J. C. Bayford and T. H. Fulcher. 2,542,108, Feb. 20.
Mounting of fans controlled by the rotation of vehicle wheels. E. Bobard. 2,541,741, Feb. 13.
Mounting of grenade launcher on firearm with stabilizer, J. C. Garand. 2,564,684, Aug. 21.
Mounting or dolly, Camera. O. Halmer. 2,567,068, Sept. 4.
Mounting prisms. W. T. Perkins. 2,553,329, May 15.
Mounting strap for interchangeable wiring devices. V. R. Despard. 2,560,506–07, July 10.
Mounting structure for gas-turbine power plants for aircraft. F. C. I. Marchant and W. G. Morgan. 2,539,960, Jan. 30.
Mounting structure for telephone exchanges. L. J. Denney and S. R. Wagner. 2,555,324, June 5.
Mounting wall and ceiling paneling. E. W. Dunham and W. A. Wiegert. 2,568,490, Sept. 18.
Mounting with support for delivery tube, Fuel pump. A. C. Korte. 2,553,857, May 22.
Mounting with tie shield, Railway rail. T. W. Saul. 2,553,010, May 15.
Mounting yoke for fans or similar appliances. O. A. Sutton. 2,554,600, May 29.
Mouse trap. F. E. Fitzsimons. 2,574,322, Nov. 6.
Mousetrap attachment. W. A. Uttz. 2,544,475, Mar. 6.
Mouthpiece, Musical instrument. S. M. Wilder. 2,557,489, June 19.
Movable electrode tube. W. C. Marshall. 2,548,385, Apr. 10.
Movable machine mounting. A. H. McCallum, R. C. Breckenridge, and J. B. Case. 2,575,968, Nov. 20.
Movable means for supporting draperies. O. T. Stall. 2,537,556, Jan. 9.
Movable strip indicator board. F. L. Wassell. 2,580,143, Dec. 25.
Movably mounted food support. R. P. Mitchell. 2,576,028, Nov. 20.
Movement control device for magnetic sound heads on sound recording and sound reproducing machines. O. Grimm. 2,562,665, July 31.
Movement to dial attachment for clocks. A. W. Fowler. 2,570,539, Oct. 9.
Movement transmitting system. W. T. Marchment. 2,578,257, Dec. 11.
Movie projector safety switch. P. Giuffrida. 2,566,187, Aug. 28.
Moving catalyst conversion system. R. Kollgaard. 2,579,834, Dec. 25.
Moving machine, Material. G. A. Healy. 2,569,053, Sept. 25.
Moving means for building blocks. A. R. Falkner. 2,564,357, Aug. 14.
Moving pictures, Preparing and projecting. T. C. Hoad. 2,541,699, Feb. 13.
Moving route indicator. H. C. Mella. 2,548,488, Apr. 10.
Moving-stairway broadcasting device. M. van der Reis. 2,561,959, July 24.
Mower. B. E. Brown. 2,564,876, Aug. 21.
Mower cutter bar mounting and adjusting means. W. J. Coultas, N. D. Colvin, and W. B. Palmer. 2,574,691, Nov. 13.
Mower, Disk type. W. H. Dielschneider. 2,545,074, Mar. 13.
Mower, Disk type. G. L. Freeman. 2,552,951, May 15.
Mower drive, Break-back. T. W. Paul. 2,568,931, Sept. 25.
Mower frame construction. S. E. Hilblom. 2,540,263, Feb. 6.
Mower mounting. A. Abgarian. 2,580,267, Dec. 25.
Mower, Power. W. H. Phelps. 2,559,897, July 10.
Mower, Rotary. A. J. Root, Sr. 2,540,350, Feb. 6.
Mower, Rotating cutting disk-type. J. G. Doyle. 2,578,880, Dec. 18.
Mower, Rotating cutting-disk type. H. L. Taylor. 2,551,817, May 8.
Mower, Rotating cutting-reel type. F. H. Ream. 2,539,794, Jan. 30.
Mower structure. A. Abgarian. 2,580,265–6, Dec. 25.
Mower, Tractor mounted reciprocating. W. E. Thornton-Trump. 2,575,369, Nov. 20.
Mowing machine. C. A. Hasslacher. 2,540,616, Feb. 6.
Mowing machine. W. H. Phelps. 2,552,583, May 15.
Mowing machine. A. and L. N. Smith. 2,539,934, Jan. 30.
Mowing machine handle. H. H. Montague. 2,545,585, Mar. 20.
Mucking machine, Inclined shaft. T. M. Tapper. 2,538,711, Jan. 16.
Mucononitrile. F. S. Fawcett and C. M. Langkammerer. 2,564,102, Aug. 14.
Mucous liquefying preparation. A. Kraus. 2,554,465, May 22.
Mud driven apparatus for treating mud. W. L. Buckley and J. Swoboda. 2,555,314, June 5.
Mud mixer. C. W. Murphy. 2,540,540, Feb. 6.
Mudmixing machine. W. P. Blake. 2,569,439, Oct. 2.
Muff and shopping bag, Combination. H. Hahn. 2,557,280, June 19.
Muff, Ear. M. S. Leeming. 2,545,552, Mar. 20.
Muffs, Adjustable ear. I. Goldman. 2,561,857, July 24.
Muffler and tail pipe tool. C. F. Ernst. 2,558,242, June 26.
Muffler containing inner and outer end walls and longitudinal chambers. J. P. Marx. 2,573,474, Oct. 30.
Muffler for pneumatic pickhammers and like tools. O. J. H. Cherain. 2,561,726, July 24.
Muffler with conical baffle plates, Exhaust. G. Plasse. 2,575,233, Nov. 13.
Muffler with frusto-conical baffle and removably disposed perforated extension tube. W. D. Storey. 2,570,728, Oct. 9.
Muffler with inclined partitions. W. B. McLeod. 2,541,373, Feb. 13.
Muffler with plural expansion chambers, Baffle type. P. A. Lievense and H. T. Phillips. 2,567,568, Sept. 11.
Muffler with plural passages and side branch chambers. W. L. Biddlecombe. 2,561,557, July 24.
Muffler with plural perforated passages. F. M. Stephens and A. Bartels. 2,544,284, Mar. 6.
Muffler with plural side branch chambers. H. R. Johnson. 2,566,939, Sept. 4.
Muffler with plural side branch chambers. E. D. Latulippe. 2,543,461, Feb. 27.
Muffler with spiral conical insert. L. F. Baltzer. 2,552,615, May 15.
Mulch handling device for use with agricultural implements having earth-working elements. J. A. Stevens. 2,571,496, Oct. 16.
Mulch-tiller-planter. R. R. Poynor. 2,577,363, Dec. 4.
Mulcher attachment for plows. H. Van Zee. 2,568,572, Sept. 18.
Mulling apparatus. L. E. Everett and E. A. Hund. 2,570,223, Oct. 9.
Mulling material. W. Horth. 2,549,603, Apr. 17.
Mullion strip. L. Gerow. 2,574,736, Nov. 13.
Mullite, Preparation of. O. L. Bertorelli and I. Williams. 2,536,122, Jan. 2.
Multicapsule sheet. C. Nicolle. 2,578,444, Dec. 11.
Multicellular package. C. Nicolle. 2,557,794, June 19.
Multicircuit quarter wave pulse jet engine. A. G. Bodine, Jr. 2,546,966, Apr. 3.
Multichannel intermodulation interference reduction radio communication system. W. R. Young, Jr. 2,572,235, Oct. 23.
Multichannel pulse communicating system. E. Labin and D. D. Grieg. 2,541,076, Feb. 13.
Multicoin selector. O. A. Hokanson. 2,565,177, Aug. 21.
Multicolor diazotype layers. S. C. Slifkin. 2,542,715–16, Feb. 20.
Multicolor printing. N. W. Yelland. 2,571,322, Oct. 16.
Multicolor printing press. L. W. and C. C. Claybourn, and P. R. Franzen. 2,538,353, Jan. 16.
Multicolor printing press. C. W. Harrold. 2,554,904 May 29.
Multicompartment traveling bag. E. E. Adams. 2,577,670, Dec. 4.
Multicontact semiconductor devices. J. Kurshan. 2,561,-123, July 17.
Multicore electrical conductors, Making. E. C. Lee. 2,538,019, Jan. 16.
Multidirectional selective switch. H. Sengebusch. 2,578,095, Dec. 11.
Multidisk ribbon jet. K. R. Beales and G. J. Petros. 2,561,457, July 24.
Multielectrode gaseous discharge devices. C. Depew and W. A. Depp. 2,579,306, Dec. 18.
Multifrequency generator. A. E. Bachelet. 2,541,320, Feb. 13.
Multifunction control key. N. Capellaro. 2,545,649, Mar. 20.
Multihead dry shaving apparatus. V. and W. Kobler. 2,559,772, July 10.
Multijet oil burner. A. J. Fisher. 2,560,941, July 17.
Multilayer photographic film unit containing a liquid and having one layer movable with respect to another layer. E. H. Land. 2,572,358, Oct. 23.
Multioilstone. W. D. Teague, G. M. Peltz, and C. W. Hubbinette. 2,558,325, June 26.
Multiolefin monoolefin resin and making the same. W. J. Sparks and J. D. Garber. 2,546,020, Mar. 20.
Multipass boiler. J. H. Blake, Jr. 2,548,287, Apr. 10.
Multiphase generator. R. B. Trousdale. 2,567,410, Sept. 11.
Multiplane rotating movement for aerial amusement rides. J. E. Burg. 2,547,152, Apr. 3.
Multiple annular heat transfer element forced flow air heater. G. B. Herbster. 2,564,258, Aug. 14.

Multiple area piston means. W. H. Bennett. 2,571,658, Oct. 16.
Multiple blast. G. A. Lyte. 2,566,948, Sept. 4.
Multiple carrier transmission system. W. R. Bennett and C. B. H. Feldman. 2,575,993, Nov. 20.
Multiple cavity mold. J. R. Hobson. 2,541,249, Feb. 13.
Multiple check comparator gauge. D. Hawks, Jr., and E. Van Haaften. 2,538,311, Jan. 16.
Multiple clamp. H. R. Allen and G. C. Barber. 2,570,419, Oct. 9.
Multiple column mechanical counter. F. A. G. Koenig. 2,579,236, Dec. 18.
Multiple combustion chamber torch igniter and auxiliary fuel spray device arrangement for initiating combustion. S. Allen and M. A. Stokes. 2,540,642, Feb. 6.
Multiple connector. E. J. Lavander. 2,566,805, Sept. 4.
Multiple connector plug. W. T. Stanley. 2,563,561, Aug. 7.
Multiple contact, or gang, type relay. K. W. Graybill and H. Sengebusch. 2,550,242, Apr. 24.
Multiple contact selector switch. E. L. Hindman. 2,544,788, Mar. 13.
Multiple control for brake mechanism. B. L. Lonngren. 2,569,479, Oct. 2.
Multiple control valve. J. H. Badeaux. 2,539,221, Jan. 23.
Multiple control valve. G. C. Huppertz. 2,577,524, Dec. 4.
Multiple drive press with multiple clutch. R. E. Wissman. 2,577,641, Dec. 4.
Multiple-effect centrifugation process and apparatus. H. W. Schulz. 2,551,815, May 8.
Multiple expansion steam engine. H. G. Mueller 2,572,652, Oct. 23.
Multiple flight aircraft. G. P. Herrick. 2,544,497, Mar. 6.
Multiple forward and reverse speeds transmission. E. J. Dunham. 2,549,896, Apr. 24.
Multiple frequency intermittent inductive cab signal and automatic train control system. L. H. Peter and D. G. Shipp. 2,554,056, May 22.
Multiple fuel internal-combustion engine. W. J. Blessing and R. R. Fruehauf. 2,544,978, Mar. 13.
Multiple gap velocity modulation tube. E. Touraton, R. Zwobada, and A.-M. Gratzmuller. 2,547,061, Apr. 3.
Multiple gas burner. A. E. Martois. 2,559,979, July 10.
Multiple impregnation of papermaker's felt. O. W. Berglund. 2,567,097, Sept. 4.
Multiple initial device. M. Rossein. 2,568,513, Sept. 18.
Multiple layer collapsible tube. J. P. Nissen, Jr. 2,539,154, Jan. 23.
Multiple lever tool. W. F. Tibbetts. 2,577,638, Dec. 4.
Multiple liquid dispensing valve. J. Harr. 2,578,544, Dec. 11.
Multiple magazine adjusting means. R. H. Scott and A. S. Hayward. 2,569,583, Oct. 2.
Multiple, parallel-connected meter mounting. J. L., W. E., and R. V. Ford. 2,564,428, Aug. 14.
Multiple part set screw. D. A. Wieland. 2,574,677, Nov. 13.
Multiple-phonograph control. L. J. Andres. 2,558,505, June 26.
Multiple position pot handle. M. J. Rosby. 2,561,952, July 24.
Multiple positionable handle tensioning device. F. W. Coffing. 2,556,995, June 12.
Multiple poultry feeder. C. L. Noelcke, Sr. 2,578,369, Dec. 11.
Multiple pronged double-ended fastener. L. B. Green. 2,558,132, June 26.
Multiple pulse generator. W. M. Yost. 2,537,113, Jan. 9.
Multiple purpose chair. I. E. Herbert. 2,550,811, May 1.
Multiple purpose refrigerated case. R. J. Burger. 2,545,602, Mar. 20.
Multiple recorder. R. W. Olson. 2,579,852, Dec. 25.
Multiple releasable interlocking mechanism for circuit breakers. E. A. Pifke. 2,573,485, Oct. 30.
Multiple replaceable unit fuse. W. T. Stanley. 2,579,623, Dec 25.
Multiple response override for thermal valves. J. E. Dube and G. D. Bower. 2,579,034, Dec. 18
Multiple section frame gauge. S. G. Johnson. 2,557,293, June 19.
Multiple selective switch. H. R. Foltzer. 2,575,052, Nov. 13.
Multiple socket wrench. S. Hagar. 2,571,570, Oct. 16.
Multiple-speed drill press. F. L. Nichols. 2,566,579, Sept. 4.
Multiple-speed gear mechanism. Q. P. Massare and H. E. Edwards. 2,578,893, Dec. 18.
Multiple speed power transmitting means for sewer rod tractors. W. D. Osborn. 2,578,584, Dec. 11.
Multiple spout container. F. Wood, Jr. 2,577,293, Dec. 4.
Multiple stage bleed heater. E. H. Krieg. 2,566,732, Sept. 4.
Multiple stage pressure regulator. W. J. Jacobsson. 2,565,560, Aug. 28.
Multiple stand roller mill with worm and worm wheel drive to each roll. T. G. Cecka. 2,569,744, Oct. 2.
Multiple station machine tool. A. W. Johnson and E. L. Fagerstrom. 2,577,766, Dec. 11.
Multiple step line switch load limiting relay. C. E. Armstrong. 2,568,700, Sept. 25.
Multiple swing farm gate. T. J. Knight. 2,575,419, Nov. 20.
Multiple temperature control system. T. K. Greenlee. 2,572,136, Oct. 23.
Multiple throttle control. D. P. Petersen. 2,579,959, Dec. 25.
Multiple tube gas heating furnace. C. Keller. 2,544,600, Mar. 6.
Multiple tube gas triode inverter. C. C. Shumard. 2,574,068, Nov. 6.
Multiple tube radiator forced circulation air heating furnace. A. B. Carswell. 2,568,487, Sept. 18.
Multiple unit printing press. W. C. Huebner. 2,557,381, June 19.
Multiple variable orifice valve. C. R. Mockridge. 2,568,084, Sept. 18.
Multiplex arrangement for generating time-modulated pulses. M. M. Levy. 2,551,024, May 1.
Multiplex communication system. C. W. Hansell. 2,579,070, Dec. 18.
Multiplex phase generator. F. A. Morris. 2,548,737, Apr. 10.
Multiplex photoelectric recording system and method. E. L. Kent. 2,561,869, July 24.
Multiplex pulse transmission system. W. A. Beatty. 2,541,023, Feb. 13.
Multiplex speech interpolation system. A. E. Melhose. 2,541,932, Feb. 13.
Multiplex system. W. D. Houghton. 2,543,737, Feb. 27.
Multiplex system for telegraphic and radiotelegraphic transmission with decametric waves. H. M. Veaux. 2,568,779, Sept. 25.
Multiplex system, Time division pulse. W. D. Houghton. 2,543,738, Feb. 27.
Multiplex telephony. J. R. Stewart. 2,536,825, Jan. 2.
Multiplex transceiving arrangement. C. J. H. A. Staal. 2,570,010, Oct. 2.
Multiplex transmitting device. C. J. H. A. Staal. 2,551,816, May 8.
Multiplier, Controlled electron. J. C. Ferguson. 2,546,992, Apr. 3.
Multiplier, Frequency. D. Charles. 2,546,255, Mar. 27.
Multiplier, High efficiency class C. J. C. Ferguson. 2,553,565, May 22.
Multiplier magazine. E. F. Britten, Jr. 2,538,896, Jan. 23.
Multiplier of the cavity resonator type, Frequency. D. R. Hamilton. 2,544,675, Mar. 13.
Multiplying apparatus, Electrical. E. C. Dench. 2,543,442, Feb. 27.
Multiplying device, Electronic. J. S. Compton and L. D. Kilheffer. 2,575,331, Nov. 20.
Multiplying machine. G. V. Nolde. 2,557,457, June 19.
Multiplying machine, Automatic. S. Toorell and E. Grip. 2,560,910, July 17.
Multiplying machine, Partial product. H. M. Fleming. 2,541,507, Feb. 13.
Multiplying machine, Record controlled. H. P. Luhn. 2,536,951, Jan. 2.
Multiplying mechanism. H. P. Mixer. 2,552,201, May 8.
Multipole magneto rotor charging block. B. Rozett. 2,536,227, Jan. 2.
Multipurpose bracket. M. Koegler and S. Silverstein. 2,569,063, Sept. 25.
Multipurpose camera support. N. J. Creedon. 2,560,556, July 17.
Multipurpose clamp. C. E. Christophersen. 2,541,206, Feb. 13.
Multipurpose internal-combustion engine. H. A. Sherwood. 2,536,960, Jan. 2.
Multirange extensometer. L. K. Hyde. 2,578,066, Dec. 11.
Multishell fluid storage apparatus. J. H. Wiggins and J. W. Allen. 2,577,171, Dec. 4.
Multispeed automatic transmission. E. J. Farkas. 2,576,336, Nov. 27.
Multispeed induction motor. P. Ziegler. 2,564,633, Aug. 14.
Multispeed motor. J. C. Willsey. 2,570,894, Oct. 9.
Multispeed transmission. C. S. Davis, Jr., G. B. Du Bois and S. W. Baker. 2,558,738, July 3.
Multistage bladed rotor. F. P. Sollinger and M. M. Holben. 2,575,237, Nov. 13.
Multistage continuous reaction process for the production of vinyl acetate. R. R. Wenner. 2,547,916, Apr. 3.
Multistage deaerating and reheating hot well for steam condensers. A. D. Karr. 2,542,873, Feb. 20.
Multistage ring circuit. J. O. Edson. 2,542,644, Feb. 20.
Multistage rotary pump. M. H. Baker. 2,574,724, Nov. 13.
Multitester, Electrical. T. L. Bartholomew. 2,547,248, Apr. 3.
Multitube mosaic reso-jet motor. J. Y. Dunbar and D. L. Herr. 2,573,697, Nov. 6.
Multiuse folding table. A. M. Zalkind. 2,560,679, July 17.
Multivent container dispenser. T. Will. 2,556,608, June 12.
Multivibrator. A. H. Dickinson. 2,577,074, Dec. 4.
Multivibrator. G. R. Frost. 2,540,478, Feb. 6.
Multivibrator and sweep circuit, Combined. O. E. De Lange. 2,553,752, May 22.
Multivibrator circuit. E. E. Carpentier. 2,555,872, June 5.
Multivibrator circuit. E. S. Purington. 2,563,659, Aug. 7.
Multivibrator, Stabilized. R. C. Butman. 2,562,171, July 31.

Multivibrator, Stabilized. C. H. Hoeppner. 2,560,576, July 17.
Multivibrator, Stabilized and gated. J. H. Mulligan, Jr. and A. J. Talamini, Jr. 2,556,935, June 12.
Multivibrator, Stabilized frequency-modulated. M. E. Mohr. 2,577,795, Dec. 11.
Multivibrator, Variable frequency. W. J. Poch. 2,573,354, Oct. 30.
Muntin and cross joint anchorage. W. P. Kessler. 2,576,840, Nov. 27.
Music page and hinged corner tab therefor. D. R. McPherson. 2,559,726, July 10.
Musical holding device. R. Trevor and L. Mende. 2,579,024, Dec. 18.
Musical instrument. M. J. Larsen. Re. 23,376, June 12.
Musical instrument, Electronic. D. P. L. J. E. Colombani. 2,580,217, Dec. 25.
Musical instrument rack. J. A. Anderson. 2,552,921, May 15.
Musical instrument with tone sustaining means, Electrical. J. M. Hanert. 2,577,753, Dec. 11.
Mute for musical instruments. J. A. Altosino. 2,571,809, Oct. 16.
Mute structure for musical instruments. W. W. Rudd. 2,574,591, Nov. 13.
Muting system for radio receivers. M. G. Nicholson, Jr. and M. C. Scott. 2,546,401, Mar. 27.
Muzzle cover. G. A. Kremkau. 2,545,473, Mar. 20.
Muzzle cover for firearms. J. L. Snowden. 2,558,792, July 3.
N-(acetylmercaptoacetyl)-N′-n-butylurea. C. F. H. Allen and J. A. Van Allan. 2,574,996, Nov. 13.
N-acyl polyimides of polycarboxylic acids. P. J. Flory. 2,558,675, June 26.
N-acylated piperazines. A. L. Jacoby. 2,541,584, Feb. 13.
N-alkyl-N-nitroso-N′-nitroguanidines. A. F. McKay. 2,555,498, June 5.
N-alkyl substituted anilines. H. P. Hetzner and J. T. Rutherford. 2,565,428, Aug. 21.
N-alkyl-substituted n-beta alkanolamines, Preparing. E. J. Nikawitz. 2,541,089, Feb. 13.
N-alkyl substituted n,n-beta,beta-dialkanolamines. Preparing. E. J. Nikawitz. 2,541,088, Feb. 13.
N-allyl derivatives of oxazolidine-2 :4-diones, Manufacture of. J. S. H. Davies and W. H. Hook. 2,559,011, July 3.
N-arylthiazolo monomethine cyanine dyes. L. G. S. Brooker and F. L. White. 2,537,876, Jan. 9.
N-benzyl-beta-halopropionamides, Preparation of. R. T. Cassell and S. Kushner. 2,569,288, Sept. 25.
N-(β-hydroxyethyl)-3,4,5-trihydroxybenzoic acid amide. M. R. Zentner and G. J. Haas. 2,571,325, Oct. 16.
N - β - methylsulfonamidoethyl - p - phenylenediamines. A. Weissberger, D. B. Glass, and P. W. Vittum. 2,552,240, May 1.
N-beta-propionic acid derivatives of alpha-amino acids. L. L. McKinney, E. H. Uhing, E. A. Setzkorn, and J. C. Cowan. 2,562,198, July 31.
N-carboanhydride of 2-amino-4,6,6-trimethylheptanoic acid and polymers therefrom. R. N. MacDonald. 2,572,842, Oct. 30.
N-carboanhydrides. R. N. MacDonald. 2,560,584, July 17.
N-cyanomethylmorpholine, Preparation of. W. M. Bruner and F. K. Watson. 2,570,760, Oct. 9.
N-dialkyl hydracrylamides, Preparation of. T. L. Gresham and F. W. Shaver. 2,548,156, Apr. 10.
N-dicyclohexyl, dialkylamino-alkanamides. J. W. Cusic. 2,576,106, Nov. 27.
N-ethylpiperidine salt of penicillin G. D. J. Cram and M. Tishler. 2,542,796, Feb. 20.
N-fluorenyl N-alkyl β-haloalkyl amines. G. Rieveschl, Jr. 2,573,608, Oct. 30.
N-(hydroxy aryl) pyrrolines and pyrrolidines. J. A. Chenicek. 2,544,823, Mar. 13.
N-hydroxyethyl aminoindanes. J. F. Kerwin and G. E. Ullyot. 2,573,645, Oct. 30.
N-isobutenyl-2-benzothiazole sulfenamide. G. E. P. Smith, Jr. 2,560,021, July 10.
N-long chain dialkyl-sulfenamides and preparation thereof. L. O. Edmonds. 2,554,097, May 22.
N-methacroyl N′-(methyl-alanyl) methylene diamides. P. B. Dalton. 2,576,501, Nov. 27.
N-methyl-d-glucosamine and derivatives thereof. F. A. Kuehl, Jr. 2,538,106, Jan. 16.
N-methyl oxazolidine-2,4 diones. M. A. Spielman. 2,575,692, Nov. 20.
N-mono substituted imidic compounds, Producing. J. J. Ritter. 2,573,673, Oct. 30.
N,n′-alkylenecyanine dyes. L. G. S. Brooker and R. H. Sprague. 2,541,400, Feb. 13.
N, N′-diacyl aryl disulfonamides. D. Aelony. 2,571,995, Oct. 23.
N,N′ diacyldiaminoalkanes, Preparation of. O. Turinsky. 2,554,846, May 29.
N,N-dialkyl thiamorpholinium alkyl sulfates. J. B. Niederl and W. F. Hart. 2,541,714, Feb. 13.
N,N′-diaryl derivatives of perylene diimid, Preparation of. M. O. Shrader. 2,543,747, Mar. 6.
N,N′-diarylthiazolinocarbocyanine dyes. L. G. S. Brooker. 2,552,252, May 8.
N,N-diethyllactamide, Preparation of. W. P. Ratchford and C. H. Fisher. 2,539,473, Jan. 30.
N,N-dimethyl-N′-(4-halobenzyl)-N′-(2-pyridyl) ethylene diamines and preparation of the same. K. L. Howard. 2,569,314, Sept. 25.
N,N-dimethyl - N′ - (3-thienylmethyl)-N′-(alpha-pyridyl)-ethylenediamine. E. E. Campaigne and W. M. Le Suer. 2,543,544, Feb. 27.
N,N-disubstituted vinyl dithiocarbamate. C. T. Handy and J. C. Sauer. 2,579,384, Dec. 18.
N,N′-piperazino bis-sulfenamides. G. E. P. Smith, Jr. 2,560,032, July 10.
N¹-aryl N⁵-dialkyl biguanides. F. H. S. Curd and F. L. Rose. 2,548,654, Apr. 10.
N-(p-arsenoso-benzyl)-urea. H. H. Fox and W. Wenner. 2,553,515, May15.
N-(phenoxyisopropyl)-N-thenyl-beta haloethylamines. J. F. Kerwin and G. E. Ullyot. 2,579,500, Dec. 25.
N-pyridoxyl-amino acids and preparing the same. D. H. Hoffman. 2,542,869, Feb. 20.
N-pyridyl-N-thenyl alkylene diamines, Preparing. A. W. Weston. 2,556,566, June 12.
N-substituted benzimidazoles. W. C. Craig. 2,545,687, Mar. 20.
N-substituted diamines and preparation of the same. H. de V. Finch and S. A. Ballard. 2,540,938, Feb. 6.
N-substituted 4,6-diamino metanilic acids. W. A. Schmidt and V. Tulagin. 2,575,027, Nov. 13.
N-substituted isoalloxazines as catalysts in the dye bleach baths for color photography. F. W. H. Mueller. 2,541,884, Feb. 13.
N-substituted N′-nitroguanidines, Preparation of. A. F. McKay. 2,559,085, July 3.
N′-substituted-3-pyridine sulfonamides. M. F. Zienty. 2,541,902, Feb. 13.
N-substituted 2-amino-indanes. H. G. Kolloff and N. Levin. 2,541,967, Feb. 13.
N-(tertiary-aminoalkylmercaptoalkyl) diphenyl-acetamides and their preparation. R. O. Clinton. 2,555,917, June 5.
N-thiadiazolyl-4-iodobenzenesulfonamides. W. B. Wright. Jr., and J. M. Smith, Jr. 2,542,856, Feb. 20.
N-thiotrichloromethyl amides and parasiticidal compositions containing them. R. S. Hawley, A. R. Kittleson, and P. V. Smith, Jr. 2,553,775, May 22.
N-thiotrichloromethyl morpholine and fungicidal compositions containing same. R. S. Hawley. 2,553,774, May 22.
N-(3-benzothenyl)-N-ethyl-betachloro-ethylamine adrenolytic. S. Avakian and G. J. Martin. 2,553,495, May 15.
N-trichloromethylthioimides, Manufacture of. A. R. Kittleson. 2,553,776, May 22.
N-trichloromethylthio imides, Preparing. A. R. Kittleson and H. L. Yowell. 2,553,771, May 22.
N-(trichloromethylthio)o-sulfo benzimide and fungicidal compositions containing it. C. A. Cohen. 2,553,773, May 22.
N-(2-chloroethyl)-N-piperonyl amines. W. S. Gump and E. J. Nikawitz. 2,578,696, Dec. 18.
N-[2-methoxy - 3 -(1,2-dicarboxyethylthiomercuri)-propyl]-phthalamide. R. S. Shelton, J. L. Farmer, and C. H. Tilford. 2,557,772, June 19.
N-(2-thenoylmethyl) hexamethylenetetraminium halides. E. C. Hermann. 2,579,494, Dec. 25.
N-vinyl alkylene ureas and polymers thereof. T. L. Cairns. 2,541,152, Feb. 13.
Nail corrector. C. D. Heinold and H. J. Corn. 2,567,601, Sept. 11.
Nail-cutting tool. S. Schwork. 2,542,582, Feb. 20.
Nail distributing and loading apparatus. E. C. Eldred, Jr. 2,575,336, Nov. 20.
Nail driver, Power-operated. E. H. Shaff. 2,543,942, Mar. 6.
Nail driving device. P. H. Brennan. 2,538,895, Jan. 23.
Nail file, Multiple grooved. M. A. West. 2,566,688, Sept. 4.
Nail, Glazing. J. Dellinger. 2,568,145, Sept. 18.
Nail holder. T. F. O'Malley. 2,568,405, Sept. 18.
Nail holding attachment for hammers. B. Vigil. 2,574,304, Nov. 6.
Nail, Insulated. N. C. Rublee. 2,564,176, Aug. 14.
Nail producing die-set for punch presses. D. T. Theodore. 2,564,739, Aug. 21.
Nail puller. C. N. Buck. 2,570,914–15, Oct. 9.
Nail puller. A. C. Shearer. 2,556,343, June 12.
Nail pulling device. H. Baker. 2,557,045, June 12.
Nail, Self-locking. R. L. Hallock. 2,567,935, Sept. 18.
Nail set. L. J. Di Pietro. 2,577,954, Dec. 11.
Nail, Surgical or fracture. M. F. Stephens. 2,536,964, Jan. 2.
Nail tie. G. M. Shumaker. 2,539,038, Jan. 23.
Nail trimmer using safety razor blades in a notched blade holder, Finger. J. A. Zengel. 2,544,479, Mar. 6.
Nail with spreading points. R. L. Hallock. 2,560,643, July 17.
Nailable concrete. L. Clapper. 2,543,992, Feb. 27.
Nailer section. W. L. Leedy. 2,573,345, Oct. 30.
Nailer, Semiautomatic electric. A. J. Curtis. 2,572,012, Oct. 23.
Nailing machine. E. P. Anstett. 2,580,065, Dec. 25.
Nailing machine. C. J. Bacon and S. J. Kent. 2,546,354, Mar. 27.
Nailing machine. A. A. Cavanaugh. 2,573,540, Oct. 30.
Nailing machine. J. K. Eichelberger. 2,540,106, Feb. 6.
Name plate device or the like. H. Lichty. 2,575,721, Nov. 20.

Naphthoquinone antimalarials. L. F. Fieser and M. T. Leffler. 2,553,647, May 22.
Naphthoquinone compounds. L. F. Fieser and M. T. Leffler. 2,553,648, May 22.
Naphthoquinone imides and making same, Halogenated. V. Kartaschoff. 2,553,048, May 15.
Naphthoquinone, Recovery of. M. E. Bailey. 2,536,833, Jan. 2.
Naphthyl-amino-propanediols. L. M. Long and H. D. Troutman. 2,545,096, Mar. 13.
Napkin dispenser. C. L. Campbell and C. J. Grimm. 2,540,930, Feb. 6.
Napkin holder. A. McGovern. 2,554,951, May 29.
Napkin, Sanitary. D. W. Beery, J. J. Eberl, and A. R. Ingram. 2,578,664, Dec. 18.
Napkin, Sanitary. C. L. R. de Wet. 2,542,909, Feb. 20.
Narcotic dispenser. R. D. Masure. 2,577,344, Dec. 4.
Narrow strip material adapted for making hat bodies. L. Brandt. 2,541,151, Feb. 13.
Natural gas storage. D. V. Meiller and M. G. Markle. 2,550,844, May 1.
Navigation instrument, Celestial. J. C. Cable. 2,566,312, Sept. 4.
Navigation system, Direct reading loran. H. C. Lawrence, Jr., and R. R. Freas, Jr. 2,551,681, May 8.
Navigation system, Radio-frequency. W. J. O'Brien. 2,578,980, Dec. 18.
Navigational aid device. D. Skalka. 2,565,745, Aug. 28.
Navigational control system. A. C. Omberg and H. Goldberg. 2,541,277, Feb. 13.
Navigational system. M. Wallace. 2,554,760, May 29.
Navigational system, Radio trail. J. H. Hammond, Jr., and E. S. Purington. 2,544,677, Mar. 13.
Nebulizer or the like. G. P. Trumbour. 2,557,919, June 19.
Neck resizer and bullet seater. G. J. Martin. 2,571,272, Oct. 16.
Necktie. M. Caridis. 2,542,232, Feb. 20.
Necktie. E. Rinehart. 2,545,971, Mar. 20.
Necktie accessory. J. P. Shea. 2,565,149, Aug. 21.
Necktie and pocket handkerchief, Combination. R. F. Johnson. 2,578,807, Dec. 18.
Necktie crease removing inserts. G. Aitto and V. Jarvi. 2,576,273, Nov. 27.
Necktie knot form. C. A. Doric. 2,557,640, June 19.
Necktie knot form. H. E. Hanson. 2,560,861, July 17.
Necktie knot holder. C. L. Wilson. 2,561,003, July 17.
Necktie pressing form. H. T. Wattles. 2,561,764, July 24.
Necktie rack. A. R. Brothers. 2,546,720, Mar. 27.
Necktie rack. C. Kruger. 2,575,111–12, Nov. 13.
Necktie rack. E. W. Laughlin. 2,562,622, July 31.
Necktie retainer. C. M. Cregar. 2,557,635, June 19.
Necktie retainer. R. Naftali. 2,541,660, Feb. 13.
Neckties, Making. J. Gelles. 2,563,463, Aug. 7.
Neckwear accessory. H. E. Lane. 2,567,216, Sept. 11.
Needle actuating mechanism for circular knitting machines. R. E. Zeruneith. 2,573,782, Nov. 6.
Needle actuating mechanism for straight knitting machines. A. Friedmann. 2,573,131, Oct. 30.
Needle-bar assembly for warp knitting machines. H. C. Noe. 2,562,939, Aug. 7.
Needle carrier. B. N. Pierce. 2,549,232, Apr. 17.
Needle crystals of magnesium carbonate, Producing. L. B. Miller. 2,574,652, Nov. 13.
Needle, Expansile surgical. B. Richter. 2,566,499, Sept. 4.
Needle for filling or exhausting ampoules. J. T. Murphy. 2,541,272, Feb. 13.
Needle for sewing braid or the like. J. V. Perhacs. 2,541,543, Feb. 13.
Needle guard for sewing machines, Presser foot. M. Wapner. 2,556,406, June 12.
Needle guide. M. M. Cudly. 2,568,951, Sept. 25.
Needle, Knitting. E. P. Foster. 2,541,580, Feb. 13.
Needle, Knitting. O. Lobl. 2,561,522, July 24.
Needle, Knitting. M. Vitoux. 2,536,478, Jan. 2.
Needle, Knitting. J. C. Winslow. 2,578,117, Dec. 11.
Needle loom. G. W. C. Chapman. 2,563,579, Aug. 7.
Needle mount for hypodermic syringes. S. J. Everett. 2,564,804, Aug. 21.
Needle, Phonograph. F. C. Holtz, Jr. 2,553,822, May 22.
Needle, Phonograph. W. H. Hutter. 2,543,497, Feb. 27.
Needle, Phonograph. W. H. Hutter. 2,557,350, June 19.
Needle pickup apparatus, Plural. J. E. Vistain, Jr. 2,578,866, Dec. 18.
Needle pulling device for hand sewing. J. A. Sinclair and R. P. Willard. 2,544,282, Mar. 6.
Needle selector mechanism for knitting machines. G. F. Teague. 2,579,161, Dec. 18.
Needle, Self-threading. C. W. Diemer. 2,561,502, July 24.
Needle, Sewing. O. J. Rainville. 2,539,859, Jan. 30.
Needle structure. G. W. Ferguson. 2,560,162, July 10.
Needle, thread, and thimble kit. G. J. Dillemuth. 2,579,307, Dec. 18.
Needle threader. J. B. Biederman. 2,544,063, Mar. 6.
Needle threader for sewing machines. E. J. Christoff. 2,542,313, Feb. 20.
Needle-threading mechanism for sewing machines. M. E. Weber. 2,544,577, Mar. 6.
Needle with loop retaining attachment, Knitting. E. L. and S. Kadisch. 2,544,429, Mar. 6.
Needlework frame. C. W. Morse. 2,555,896, June 5.
Negative attenuation amplifier discharge device. E. D. McArthur. 2,556,881, June 12.
Negative carrier. A. B. Simmons and J. H. Eagle. 2,552,225, May 8.
Negative plate for alkaline accumulator and making same. J. Salauze. 2,554,125, May 22.
Neptunium chlorides, Making. S. Fried and N. R. Davidson. 2,578,416, Dec. 11.
Neptunium tetrafluoride, Preparation of. S. Fried and N. R. Davidson. 2,549,899, Apr. 24.
Nest, Chicken. B. Rosenfelder. 2,565,992, Aug. 28.
Nest, Hen's. E. C. Karstedt. 2,578,935, Dec. 18.
Nestable fuel tank. C. H. Maier. 2,545,481, Mar. 20.
Nested bottle cap package. R. Sonnenberg. 2,576,650, Nov. 27.
Net, Casting. S. D. Dobreff. 2,565,955, Aug. 28.
Net, Fish. N. K. Shigaki. 2,557,240, June 19.
Net, Fisherman's. E. W. Keeney, Sr. 2,544,926, Mar. 13.
Net, Gaffing and landing. H. F. Baloun. 2,539,563, Jan. 30.
Net, Laundry. W. D. Ellis. 2,544,223, Mar. 6.
Net roller for fishing boats. W. S. York. 2,578,622, Dec. 11.
Net, Seining. L. Ostrander. 2,553,980, May 22.
Net, Short-wave broadcast. F. W. Lyle. 2,542,823, Feb. 20.
Network arrangement, Frequency selective. S. Van Mierlo. 2,570,294, Oct. 9.
Network, Band-pass coupling. W. H. Forster. 2,540,817, Feb. 6.
Network, Diplexing. O. M. Woodward, Jr. 2,539,651, Jan. 30.
Network for intercommunication system. W. A. Plice. 2,577,806, Dec. 11.
Network for subscribers' telephone sets, Balancing. F. H. Graham. 2,568,150, Sept. 18.
Network, Impulse responsive. J. P. Eckert, Jr. 2,557,729, June 19.
Network, Parallel T electrical wave transmission. B. A. Kingsbury. 2,567,380, Sept. 11.
Network utilizing rectified currents, Measuring. F. F. Uehling. 2,555,166, May 29.
Neutral esters of thiophosphoric acid. G. Schrader. 2,571,989, Oct. 16.
Neutral position switch. M. L. Jeffrey. 2,542,531, Feb. 20.
Neutral selecting mechanism for change-speed gear boxes. W. H. Hill. 2,543,969, Mar. 6.
Neutralization of amplifiers. A. Kreithen. 2,542,087, Feb. 20.
Neutralization of high-molecular weight organic esters. W. M. Gearhart and L. W. A. Meyer. 2,537,890, Jan. 9.
Neutralization of the mineral acid salts of aminonitrothiazole. H. L. Hubbard. 2,573,641, Oct. 30.
Neutralization of the mineral acid salts of aminonitrothiazole. G. W. Steahly. 2,573,657, Oct. 30.
Neutralized trigger circuit. C. A. Bergfors. 2,540,025, Jan. 30.
Neutralizing the gum accelerating effect of copper in hydrocarbon fuel. A. C. Korte. 2,573,850, Nov. 6.
Neutron detector. J. L. McKibben. 2,556,768, June 12.
New polymers containing lactam units in the polymer chain. D. D. Reynolds and W. O. Kenyon. 2,566,250 Aug. 28.
New pyrene condensation products and their manufacture. E. Clar. 2,570,522, Oct. 9.
Nibbling tool. A. F. Adel. 2,542,103, Feb. 20.
Nickel aluminum base alloys. H. V. Kinsey. 2,542,962, Feb. 20.
Nickel base high-temperature alloy. A. G. Guy. 2,575,915, Nov. 20.
Nickel carbonyl, Preparation of. J. F. Kincaid and J. S. Strong. 2,548,727–8, Apr. 10.
Nickel-chromium-iron welding electrode. T. E. Kihlgren and J. S. Bryner. 2,576,123, Nov. 27.
Nickel formate, Manufacture of. I. E. Johnson. 2,576,072, Nov. 20.
Nickel liberator cell. L. S. Renzoni. 2,578,839, Dec. 18.
Nickel-magnesia-zirconium silicate catalyst. J. H. Shapleigh. 2,575,324, Nov. 20.
Nickel-zirconium catalyst, Preparation of a coprecipitated. H. K. Hawley. 2,564,331, Aug. 14.
9-aminoalkyl 9-alkanoyl 9, 10 dihydroanthracenes. J. W. Cusic. 2,551,316, May 1.
9,10-dihydropteridines and preparing same. W. R. Boon and W. G. M. Jones. 2,557,721, June 19.
Nippers, Cutting. J. A. Skoog. 2,550,874, May 1.
Nippers, Guided jaw. J. D. Sammons. 2,564,817, Aug. 21.
Nipple and shield therefor, Nursing bottle. J. Kronish. 2,579,194, Dec. 18.
Nipple, Baby feeding. W. H. Griesinger. 2,537,583, Jan. 9.
Nipple for pipe lines, Safety. W. Ferguson. 2,537,451, Jan. 9.
Nipple or lubricant-receiving device. C. C. S. Le Clair. 2,546,672, Mar. 27.
Nitration derivatives of hydrocarbon copolymers. J. D. Garber, D. W. Young, and W. J. Sparks. 2,539,824, Jan. 30.
Nitration of diaryl ethane. E. L. Kropa and J. J. Roemer. 2,537,309, Jan. 9.
Nitric acid digestion of straw. H. Mainguet. 2,539,093, Jan. 23.

Nitric acid from nitric oxide, Production of. H. B. Hass and H. Feuer. 2,566,197, Aug. 28.
Nitric acid-sodium hydroxide digestion of lignocellulose. G. M. H. Desorbay. 2,571,993, Oct. 23.
Nitric esters of normally solid primary alcohols, Manufacture of. R. E. Barnhart and R. M. Cavanaugh. 2,545,538, Mar. 20.
Nitric oxide recovery system. F. Daniels, W. G. Hendrickson, and E. G. Foster. 2,578,674, Dec. 18.
Nitriding. L. G. Dufilho. 2,565,360, Aug. 21.
Nitrile derivatives. R. J. Vander Wal. 2,558,666, June 26.
Nitriles and amides, Manufacture of. R. H. Potts. 2,546,521, Mar. 27.
Nitriles and amides, Manufacture of. R. H. Potts. 2,555,606, June 5.
Nitriles and pyridines, Preparing. J. W. Teter. 2,567,254, Sept. 11.
Nitriles, Production of. W. I. Denton and R. B. Bishop. 2,561,787, July 24.
Nitriles, Production of. L. J. Spillane and W. G. Kayser, Jr. 2,557,703, June 19.
Nitro- and thiocyano-substituted thiophene compounds. R. F. McCleary. 2,562,988, Aug. 7.
Nitroaryl esters of 2-mercaptothiazines as herbicides. L. L. Baumgartner. 2,547,682, Apr. 3.
Nitrocellulose and a blasting explosive containing same, Producing. S. Fordham. 2,554,179, May 22.
Nitrocellulose compatible pentaerythritol esters. A. E. Rheineck. 2,536,659–61, Jan. 2.
Nitrocellulose compatible resins derived from a pentaerythritol, polymerized rosin and an alpha-beta unsaturated polycarboxylic acid and preparation. A. E. Rheineck. 2,536,091, Jan. 2.
Nitrocellulose compatible resins from pentaerythritol, an alpha-beta unsaturated dicarboxylic acid and a rosin acid, Preparing. A. E. Rheineck. 2,536,090, Jan. 2.
Nitrocellulose compatible resins from pentaerythritol, an alpha-beta unsaturated dicarboxylic acid and a rosin acid, Preparing. A. E. Rheineck. 2,536,658, Jan. 2.
Nitrocellulose-containing composition and preparing same. J. Taylor. 2,548,688, Apr. 10.
Nitrocellulose having carboxyl groups in the primary position, Preparation of soluble. W. E. Sillick. 2,544,902, Mar. 13.
Nitro cyclic acetals. M. Senkus. 2,543,472, Feb. 27.
Nitro esters, Preparing. M. C. Kloetzel. 2,554,831, May 29.
Nitro ethers, Halogenated. M. Senkus. 2,562,151, July 24.
Nitrogen and sulfur containing beta-substituted carboxylic acids, Preparation of. T. L. Gresham and F. W. Shaver. 2,563,035, Aug. 7.
Nitrogen-bearing stainless steel, Production of. H. Tanczyn. 2,537,103, Jan. 9.
Nitrogenous derivatives of petroleum sulfonic acids. J. L. Harlan. 2,559,503, July 3.
Nitrogenous resins from ketone-aldehyde-nitrogenous base and phenol-aldehyde. G. K. Vogelsang. 2,576,735, Nov. 27.
Nitroparaffin, Explosive containing. W. H. Wood. 2,551,554, May 1.
Nitroparaffin fuel. J. A. Hannum. 2,537,526, Jan. 9.
Nitroparaffin fuel. J. A. Hannum. 2,538,516, Jan. 16.
Nitropolystyrene, Production of. H. Zenftman and A. McLean. 2,572,420, Oct. 23.
Nitroso derivatives of substituted pteridines and preparing the same. D. B. Cosulich. 2,537,006, Jan. 9.
Nitro-thiophanthraquinones. H. R. Lee and V. Weinmayr. Re. 23,389, July 10.
Nitro-(2-thenoyl)-o-benzoic acids. H. R. Lee and V. Weinmayr. Re. 23,406, Sept. 4.
Nitro-(2′-thenoyl)-alkyl benzoates. E. K. Gladding. Re. 23,405, Sept. 4.
Nitroxyethyl-dinitroguanidine, Preparation of. A. F. McKay. 2,538,907, Jan. 23.
Noise control arrangement for radio receivers and the like. L. W. Couillard. 2,543,523, Feb. 27.
Noise generator. H. A. Chinn and J. N. Dyer. 2,558,337, June 26.
Noise limiter for radio receivers. P. O. Farnham. 2,538,150, Jan. 16.
Noisemaker building block. G. Jentzen. 2,550,270, Apr. 24.
Noise suppression circuit. M. J. Di Toro. 2,575,333, Nov. 20.
Noise suppression circuit. G. J. Eannarino. 2,546,987, Apr. 3.
Nonanoic acids and preparing same, Substituted. S. A. Harris, A. N. Wilson, and K. Folkers. 2,538,096, Jan. 16.
Noncaking compositions of matter. G. O. Funderburk. 2,579,380, Dec. 18.
Noncontacting thickness gauge. R. V. Pohl. 2,539,203, Jan. 23.
Noncontacting width gauge. E. D. Cook. 2,548,590, Apr. 10.
Noncrystallizing rosin and preparing the same. J. C. Barthel. 2,576,094. Nov. 27.
Nondiscoloring antioxidants for natural rubber and synthetic rubbers. L. J. Kitchen and J. C. Ambelang. 2,560,028, July 10.
Nondrip fluid-pressure-opened discharge nozzle valve. A. W. Du Four. 2,557,785, June 19.
Nonelectrostatic plastic compositions. J. B. Eisen. 2,579,375, Dec. 18.
Nonextruding expansion joint. A. C. Fischer. 2,580,163, Dec. 25.
Nonferrous metal burnishing composition and burnishing process. L. R. McCoy. 2,540,003, Jan. 30.
Nonionic detergents from oxidized wax and olefin oxide, Production of. J. A. Nevison and W. K. Griesinger. 2,542,697, Feb. 20.
Nonjamming feed mechanism for nut shelling machines. B. B. Lenhart and M. W. McGrath. 2,564,983, Aug. 21.
Nonlinear electrical rectifier. C. D. Bock and R. K. Bonell. 2,567,691, Sept. 11.
Nonmetallic armored electrical submarine cable. L. H. Hutchins, Jr. 2,576,227, Nov. 27.
Nonmetallic sheathed cable, Making. F. J. Kennedy. 2,544,503, Mar. 6.
Nonmetallic sheathed multiconductor cable. F. J. Kennedy. 2,544,233, Mar. 6.
Nonoscillating protective control system. P. J. Reifschneider. 2,550,496, Apr. 24.
Nonphosphorescent calcium silicate phosphor containing indium. H. C. Froelich. 2,545,880, Mar. 20.
Nonrefillable container. N. Archidiacano. 2,579,460, Dec. 25.
Nonrotary centrifugal separator. L. E. R. Umney. 2,569,909, Oct. 2.
Nonsaturated aldehydes, Manufacture of. H. M. Guinot. 2,560,103, July 10.
Nonskid device. E. J. Necrason. 2,537,231, Jan. 9.
Nonskid mechanism for motor vehicles. G. T. Sigler and H. J. Haas. 2,540,382, Feb. 6.
Nonskid rubber traction member. D. E. Crooker. 2,540,045, Jan. 30.
Nonslip garment clip. O. Lawrenz. 2,576,689, Nov. 27.
Nontorque equalizing differential. R. R. Randall. 2,536,392, Jan. 2.
Nontumbling gyroscopic directional indicator. J. S. Adkins and J. J. Hart. 2,572,827, Oct. 30.
Nonturnable spud. A. H. Trageser. 2,553,342, May 15.
Nonwarping trussed door. G. S. Green and L. F. Howatt. 2,578,240, Dec. 11.
Nordesoxycorticosterone esters. M. R. Ehrenstein. 2,573,417, Oct. 30.
Noretiocholenic acids and process. M. R. Ehrenstein. 2,573,418, Oct. 30.
Normalizing and trimming welded sections. A. L. Burns, Jr. 2,564,391, Aug. 14.
Nose construction for model airplanes. W. H. Lanier. 2,559,882, July 10.
Nose drop dispenser. J. B. Filger. 2,577,321, Dec. 4.
Nose landing gear. W. D. van Zelm and J. Sheleski. 2,565,007, Aug. 21.
Noseplece spacer. R. M. Healey. 2,541,962, Feb. 13.
Notching and embossing punch and die. H. W. Clifford. 2,570,919, Oct. 9.
Notice impelling device. G. Manahan. 2,543,862, Mar. 6.
Novel method of treating products containing specific type AB substances. H. O. Singher and C. R. Harmison. 2,576,151, Nov. 27.
Novelty house number. E. H. Leonard. 2,546,227, Mar. 27.
Nozzle. L. T. Herrmann. 2 562,096, July 24.
Nozzle. D. W. Justis. 2,548,725, Apr. 10.
Nozzle. M. J. Kunert. 2,544,556, Mar. 6.
Nozzle. A. J. Loepsinger. 2,554,200, May 22.
Nozzle. T. W. Murphy. 2,539,314, Jan. 23.
Nozzle. F. W. Ofeldt. 2,573,982, Nov. 6.
Nozzle. E. W. Prout. 2,538,211, Jan. 16.
Nozzle, Accumulator type injection. H. Hogeman. 2,556,369, June 12.
Nozzle, Accumulator type injector. H. Alfaro and G. B. Wood, Jr. 2,556,356, June 12.
Nozzle, Acid metering and atomizing. M. E. Ryberg, H. W. Burney, and F. L. Joy. 2,573,731, Nov. 6.
Nozzle, Adjustable. C. R. Curtis. 2,560,278–9, July 10.
Nozzle, Adjustable. M. S. Gallick. 2,568,492, Sept. 18.
Nozzle adjustment for vacuum cleaners, Airflow controlled. J. B. Kirby. 2,555,887, June 5.
Nozzle, Air flow induction and diffusing. B. Cones. 2,543,152, Feb. 27.
Nozzle, Airfoam. C. H. Lindsay. 2,569,683, Oct. 2.
Nozzle and after-burner control for jet motors, Combined variable area. E. E. Schiesel. 2,569,497, Oct. 2.
Nozzle and attachment, Spray. J. E. Palmer. 2,544,176, Mar. 6.
Nozzle and coupling member, Combined. A. T. Scheiwer. 2,568,515, Sept. 18.
Nozzle and fluid injection control for turbojet engines, Variable area. J. S. Alford, N. Burgess, and I. G. Cruckshank. 2,551,229, May 1.
Nozzle apparatus, Jet propulsion exhaust. E. F. Miller. 2,557,883, June 19.
Nozzle assembly. T. W. Murphy. 2,562,731, July 31.
Nozzle assembly, Sander. V. L. Frantz. 2,577,009, Dec. 4.
Nozzle, Atomizing. F. Kurata. 2,577,853, Dec. 11.
Nozzle attachment for spray guns, Foam. F. C. Lundberg. 2,577,025, Dec. 4.
Nozzle attachment for vacuum cleaners. W. F. Burri. 2,554,238, May 22.
Nozzle, Automatic gasoline hose measuring cutoff. L. A. Buchanan. 2,557,336, June 19.
Nozzle, Blending. F. W. Ofeldt. 2,552,644, May 15.
Nozzle, Burner. G. A. Fisher. 2,572,606, Oct. 23.
Nozzle, Burner. M. O. Wise. 2,569,033, Sept. 25.

Nozzle clamp. W. F. Collins. 2,555,303, June 5.
Nozzle, Combustion spray. E. O. Olson. 2,566,532, Sept. 4.
Nozzle construction for hair driers. F. V. Forss. 2,536,925, Jan. 2.
Nozzle, Cooled injection. H. Hogeman. 2,552,679, May 15.
Nozzle, Dual vortex liquid spray. K. D. McMahan. 2,551,276, May 1.
Nozzle, Eductor. S. A. Hayes. 2,571,870, Oct. 16.
Nozzle, Extruding. J. D. Tench. 2,572,677, Oct. 23.
Nozzle, Fire extinguisher. A. B. Phister. 2,557,838, June 19.
Nozzle, Fire fighting. E. D. Ballard. 2,567,176, Sept. 11.
Nozzle, Fire fighting. T. B. Edwards and A. L. Donahew. 2.542,014, Feb. 20.
Nozzle, Fire hose. A. Nielsen. 2,552,445, May 8.
Nozzle, Flushable. E. C. Horton. 2,538,905, Jan. 23.
Nozzle, Flushing. E. J. Terry and G. R. McCormick. 2,569,588, Oct. 2.
Nozzle for collapsible tubes, Pressure-operated dispensing. T. F. Gray and K. V. Gray. 2,552,715, May 15.
Nozzle for downstream end of jet pipe in jet propulsion units, Variable-area. A. A. Lombard. 2,575,879, Nov. 20.
Nozzle for faucets. O. F. Beyer, Jr. 2,570,635, Oct. 9.
Nozzle for filling butane tanks, Safety. T. G. Melsheimer. 2,565,872, Aug. 28.
Nozzle for fluid fuel burners, Air. A. Eckstein and H. Bogot. 2,541,347, Feb. 13.
Nozzle for fuel burners, Dual spray. R. G. Meschino. 2,561,939, July 24.
Nozzle for gas turbines. H. A. Ackerman. 2,552,658, May 15.
Nozzle for grindings, High-pressure oil. F. B. Hughes. 2,557,106, June 19.
Nozzle for hydrating cementitious substances under pressure, Discharge. G. M. Pro. 2,577,664, Dec. 4.
Nozzle for internal-combustion engines, Liquid fuel injection. W. E. W. Nicolls. 2,558,148, June 26.
Nozzle for internal-combustion engines, Liquid fuel injection. W. E. W. Nicolls. 2,558,149, June 26.
Nozzle for liquid fuels or other liquids, Delivery. F. J. Marlow. 2,577,901, Dec. 11.
Nozzle for mixing liquids. H. W. McCabe. 2,543,294, Feb. 27.
Nozzle for oil burners, Rotary, internal-mixing, air-atomizing. H. O. Grimmeisen. 2,539,778, Jan. 30.
Nozzle for power plants, Variable area. N. C. Price. 2,563,745, Aug. 7.
Nozzle for producing an intermittent jet of gas or liquid. G. L. Broussard. 2,556,517, June 12.
Nozzle for sole cementing machines, Articulated. W. E. Naugler. 2,544,173, Mar. 6.
Nozzle for the discharge of liquids. T. A. Henshaw. 2,567,642, Sept. 11.
Nozzle for vehicles, Fire extinguisher. F. A. Dodelin. 2,559,408, July 3.
Nozzle, Fuel spray producing. G .A. Holt and K. Brook. 2,566,888, Sept. 4.
Nozzle, Gas flame retention elbow burner. A. J. Turpin. 2,569,356, Sept. 25.
Nozzle, High-pressure. A. J. Brunner. 2,567,693, Sept. 11.
Nozzle, Hose. A. Nielsen. 2,552,444, May 8.
Nozzle, Liquid fuel. C. D. MacCracken. 2,567,818, Sept. 11.
Nozzle, Liquid fuel burner. L. J. Goddard. 2,544,417, Mar. 6.
Nozzle, Multiple jet spray. W. E. Hensel. 2,551,538, May 1.
Nozzle, Multiple outlet. P. G. MacGregor. 2,544,558, Mar. 6.
Nozzle, Oil burner. H. E. Earl. 2,568,879, Sept. 25.
Nozzle, Oil burner. O. E. Fairfield and A. J. Durso. 2,556,493, June 12.
Nozzle, Oil burner. C. R. Waldron. 2,568,880, Sept. 25.
Nozzle, Oil burner. H. J. Wiser, Sr. 2,568,878, Sept. 25.
Nozzle, Penetrating fire extinguishing. A. Rutledge. 2,548,621, Apr. 10.
Nozzle, Perfume atomizer. C. A. Fortin. 2,563,231, Aug. 7.
Nozzle, Pouring. L. R. N. Carvalho. 2,540,931, Feb. 6.
Nozzle, Protective spray fire. J. N. Martin. 2,570,828, Oct. 9.
Nozzle, Quick-seting rate flow. P. E. Lehr. 2,545,820, Mar. 20.
Nozzle, Regulator. W. C. Buttner and S. L. Sundstrom. 2,575,312, Nov. 13.
Nozzle, Rug cleaning. K. M. Hammell. 2,536,443. Jan. 2.
Nozzle, Self-adjusting reaction. P. Kollsman. 2,569,996, Oct. 2.
Nozzle, Self-closing filling. R. L. Chadil and S. E. Hoffer. 2,547,690, Apr. 3.
Nozzle, Shower head. J. E. Stott. 2,539,041, Jan. 23.
Nozzle, Spiral film spray. J. U. Bete. Re. 23,413, Oct. 2.
Nozzle, Spray. D. Bendersky, F. H. Gage, and W. M. Yocum. 2,578,392, Dec. 11.
Nozzle, Spray. W. H. Coles. 2,539,061, Jan. 23.
Nozzle, Spray. J. G. De Flon. 2,550,456, Apr. 24.
Nozzle, Spray. M. L. Edwards. 2,574,865, Nov. 13.
Nozzle, Spray. B. B. Fogler. 2,542,761, Feb. 20.
Nozzle, Spray. J. M. Hopwood. 2,569,992, Oct. 2.
Nozzle, Spray. L. T. Mart. 2,568,240, Sept. 18.
Nozzle, Spray. W. H. Mashinter and M. R. Gilbert. 2,555,803, June 5.
Nozzle, Spray. G. W. Veach. 2,569,081, Sept. 25.
Nozzle, Spray. R. L. Wymer, Jr. 2,574,003, Nov. 6.
Nozzle spray gun, Removable. J. O. Andersson. 2,544,123, Mar. 6.
Nozzle spray head, Multiple. F. W. Wahlin. 2,577,550, Dec. 4.
Nozzle, Sprayer. H. E. Brandt. 2,563,152, Aug. 7.
Nozzle, Sprayer. F. C. Lundberg. 2,577,024, Dec. 4.
Nozzle, Spraying. T. H. Nakken. 2,570,972, Oct. 9.
Nozzle structure for floor and surface sweepers. E. S. George and W. A. Gibbons. 2,542,024, Feb. 20.
Nozzle structure for material applying equipment, Outlet. W. E. Anderson. 2,558,229, June 26.
Nozzle support. C. Bachrach. 2,576,435, Nov. 27.
Nozzle tip, Nonsplash discharge. W. R. Collins. 2,558,238, June 26.
Nozzle valve. J. E. Holveck and A. G. Rockwood. 2,542,526, Feb. 20.
Nozzle, Vapor or fog. L. M. Button, P. G. Trowbridge, and J. J. Schrink. 2,559,592, July 10.
Nozzle, Variable area propelling. A. P. Johnstone and H. Cohen. 2,565,854, Aug. 28.
Nozzle, Variable throat rocket. F. E. Roach and O. E. Duemler. 2,552,497, May 8.
Nozzle, Variable thrust exhaust. C. R. Brown. 2,564,671, Aug. 21.
Nozzle, Variable valve loading injection. F. M. Evans and W. E. W. Nicolls. 2,536,542, Jan. 2.
Nozzle, Water-cooled generator spray. P. L. Symons. 2,561,038, July 17.
Nozzle with adjustable deflector, Spray. M. Schlonau and H. R. Pinkerton. 2,571,768, Oct. 16.
Nozzle with hollow spiral vanes for rocket motors, Jacketed reaction. R. H. Goddard. 2,563,029, Aug. 7.
Nozzle with multiple slot-type ports, Gas. W. O. Mellies. 2,544,933, Mar. 13.
Nozzle with overhanging lip, Whirler spray. S. Lyman. 2,550,573, Apr. 24.
Nozzle with retractable floating brush, Vacuum cleaner. G. H. Bramhall. 2,570,759, Oct. 9.
Nozzle with valve for concentrating air flow at the end thereof, Suction. G. E. Lofgren. 2,555,979, June 5.
Nozzle with variable suction control, Vacuum cleaner. A. Atiyeh. 2,556,022, June 5.
Nozzle with work-operated valve, Suction. T. E. D. Bilde. 2,562,167, July 31.
Nozzles for drying or other machines, Blowing. J. Dungler. 2,559,413, July 3.
Nuclear, substituted cinnamyl alcohols, Preparation of. C. F. H. Allen and J. R. Byers, Jr. 2,545,439, Mar. 20.
Number comparing device. J. E. P. Verneaux. 2,539,043, Jan. 23.
Numbering apparatus, Message. L. M. Potts. 2,543,199, Feb. 27.
Numbering device, Message. F. Martindell. 2,545,207, Mar. 13.
Numerical counter. M. L. Nelson. 2,544,610, Mar. 6.
Nursing bottle holder. F. Pettit. 2,558,978, July 3.
Nursing container. M. S. Pearl. 2,558,195, June 26.
Nursing outfit. A. M. Allen. 2,550,034, Apr. 24.
Nursing unit. T. E. Piazze. 2,541,934, Feb. 13.
Nut. R. C. Bergh and J. S. Martin. 2,556,672, June 12.
Nut. B. F. Kiesel. 2,555,090, May 29.
Nut anchoring device. G. A. Tinnerman. 2,552,499, May 8.
Nut and bolt construction. D. Peterson. 2,564,029, Aug. 14.
Nut and fruit tree shaking device. J. Johnson. 2,568,193, Sept. 18.
Nut and pipe wrench. J. W. Oliver. 2,547,534, Apr. 3.
Nut and plate temporary fastener. E. Werner. 2,570,618, Oct. 9.
Nut assembly, Self-aligning. W. A. Bratfisch. 2,553,236, May 15.
Nut butter manufacture. P. J. Mitchell, Jr. 2,562,630, July 31.
Nut butters. B. R. Harris and M. H. Joffe. 2,560,509, July 10.
Nut, clutch, and expel control for mechanical pencils. J. S. Smith, Jr. 2,557,320, June 19.
Nutcracker. A. C. Brookey. 2,543,886, Mar. 6.
Nutcracker and ice crusher. M. Paul. 2,572,378, Oct. 23.
Nutcracker automatically adjusted to crack nuts of various sizes. J. E. Lisbon. 2,550,197, Apr. 24.
Nut cracker with reciprocating jaw. H. A. Brecheisen. 2,577,645, Dec. 4.
Nut cracking machine. J. Hermens. 2,561,697, July 24.
Nut-cracking machine having reciprocatory jaws, Rotary. L. B. Berg and J. E. Martin. 2,549,881, Apr. 24.
Nut device. A. W. Kimbell. 2,552,794, May 15.
Nut drier. S. P. Erwin. 2,543,279, Feb. 27.
Nut fastener. C. L. Hall and L. G. Pender. 2,552,782, May 15.
Nut-fulcrumed pivoted jaw wrench. D. F. Hasty. 2,567,432, Sept. 11.
Nut gatherer. C. H. Smith. 2,539,596, Jan. 30.
Nut-holding attachment for wrenches. M. C. Becker. 2,557,628, June 19.
Nut-holding socket wrench. H. E. Strunk. 2,566,257, Aug. 28.
Nut lock. W. L Bonin. 2,568,483, Sept. 18.

Nut lock. M. C. Larson. 2,537,469, Jan. 9.
Nut lock. M. C. Larson. 2,562,621, July 31.
Nut, Locking. F. E. Johnson. 2,564,645, Aug. 14.
Nut pickup device. J. C. Bagley. 2,540,857, Feb. 6.
Nut placing slotted-socket wrench. R. W. Senter. 2,574,352, Nov. 6.
Nut, Self-locking. S. T. and F. L. Farrell. 2,570,658, Oct 9.
Nut. Slip-on. S. Bloomfield. 2,566,593, Sept. 4.
Nut structure. C. T. Torresen. 2,542,375, Feb. 20.
Nut-tapping machine. R. Nichols and W. Brown. 2,580,187, Dec. 25.
Nuts for blanching, Preparing. C. S. Miner. 2,557,555, June 19.
Nuts for blanching, Preparing. J. Steiner. 2,579,245, Dec. 18.
Nutrient compositions. J. A. Stekol. 2,542,723, Feb. 20.
Nutrient product in powder form, Manufacture of a completely soluble highly. F. Neef. 2,553,467, May 15.
Nylon article and manufacture, Colored. L. L. Stott. 2,558,992, July 3.
O-alkyl dichlorothiophosphates, Preparation of. R. H. F. Manske and M. Kulka. 2,575,225, Nov. 13.
O-cresol derivatives, Production of. J. D. Head. 2,560,-950, July 17.
O-(halophenyl) O-alkyl amidothiophosphates. L. R. Drake, E. E. Kenaga, and A. Erbel. 2,552,541, May 15.
O-methoxy O-alkyl amidothiophosphates. L. R. Drake and A. J. Erbel. 2,552,540, May 15.
O,O-di-(methoxyphenyl) amidothiophosphate. L. R. Drake. 2,552,536, May 15.
O,O-di (2-allylphenyl) N-alkylamido-thiophosphates. C. L. Moyle. 2,552,575, May 15.
O-polyhalophenyl diamidothiophosphates. L. R. Drake and A. J. Erbel. 2,552,537, May 15.
O-ring seal. G. M. Walton. 2,537,249, Jan. 9.
Oar, Convertible. L. F. Gustafson. 2,536,441. Jan. 2.
Oarlock, Adjustable. M. T. Michael. 2,550,368. Apr. 24.
Oarlock and mounting clamp therefor, Sculling. C. M. Vick. 2,550,625, Apr. 24.
Oar, Sectional. H. J. Gagnon. 2,566,023, Aug. 28.
Oat cereal flake, Making. E. F. Lilly and E. G. Rupp. 2,552,290, May 8.
Oat composition of reduced viscosity characteristics. S. Musher. 2,554,869, May 29.
Oat extraction composition. S. Musher. 2,554,873, May 29.
Oat food process. E. G. Rupp. 2,552,291, May 8.
Object detecting and warning system and method. E. T. Jaynes. 2,541,066. Feb. 13.
Object detection system utilizing radio pulses. W. A. Miller. 2,559,511, July 3.
Object detector. E. M. Ostlund. 2,557,994, June 26.
Object holding mechanism for grinding machines. R. R. Head. 2,546,504, Mar. 27.
Object locating system. R. I. Anderson. 2,537,952, Jan. 16.
Object locator system. W. F. Kannenberg, J. P. Kinzer, C. W. Schramm, and I. G. Wilson. 2,537,139, Jan. 9.
Objective with variable space for controlling aberrations. M. Reiss. 2,537,912, Jan. 9.
Objectives of petzval type with a high index collective lens element cemented to lower index dispersive element. W. Schade. 2,541,484, Feb. 13.
Observing unit. H. L. Hoffman. 2,542,675, Feb. 20.
Obstacle detection system. N. E. Lindenblad. 2,540,536, Feb. 6.
Obstetrical device. J. R. Johnson. 2,537,674, Jan. 9.
Obtaining a conjugated estrogen preparation. R. W. Bates and H. Cohen. 2,565,115, Aug. 21.
Obtaining a 5-phenyl-5-lower alkyl hydantoin. L. M. Long. 2,561,284, July 17.
Obtaining by galvanic means a coating for protecting magnesium from corrosion. H. M. Freud. 2,553,449, May 15.
Obtaining dry chlorine gas from a gaseous mixture comprising elemental chlorine as the principal component thereof. C. L. Dunning. 2,553,557, May 22.
Obtaining foot impressions. E. E. Sugarman and J. Miller. 2,547,419, Apr. 3.
Obtaining highly concentrated alkaloid extracts from papaver somniferum. W. T. M. Deckert. 2,565,067, Aug. 21.
Obtaining oriented control images of weld zones in seam welding apparatus. Method of and system for. S. O. Evans. 2,557,046, June 12.
Obtaining pectin and citric acid from their source materials. G. M. Cole. 2,577,232, Dec. 4.
Obtaining pectinic acids of low methyl ester content in concentrated form. W. D. Maclay, A. D. Shepherd, R. M. McCready, and R. P. Graham. 2,550,705, May 1.
Obtaining pigmented films. B. C. Pratt and P. L. Salzberg. 2,570,856, Oct. 9.
Obtaining stereoscopic drawings, Process and projection means for. E. J. Pareto. 2,560,658, July 17.
Obtaining valuable products from waxy hydrocarbon stocks. D. A. Hermanson and J. L. Biles. 2,537,999, Jan. 16.
Obturator or valve. E. Mercier and M. Ehlinger. 2,576,848, Nov. 27.
Occupant-propelled step-by-step vehicle. J. I. Lutz. 2,570,254, Oct. 9.
Octahydroisoquinoline derivatives. O. Schnider and A. Grüssner. 2,554,842, May 29.
Octylthiophene preparation. P. D. Caesar. 2,552,769, May 15.
Odor eliminating apparatus. D. F. Belt. 2,554,694, May 29.
Odorant dispenser. C. B. Lien. 2,559,126, July 3.
Oestrogenic hormones from urine, Preparing. A. S. Cook and G. A. Grant. 2,551,205, May 1.
Off-center lock. J. F. Grayson. 2,565,605, Aug. 28.
Offset contact alignment indicator. E. A. Arp. 2,573,531, Oct. 30.
Office machine. F. N. Schwend and R. E. Boyden. 2,540,296, Feb. 6.
Oil and dirt seal, End face. G. W. Curtis. 2,560,557, July 17.
Oil and food products from herrings, whales, and other sea animals, Manufacture of. M. Fladmark. 2,565,173, Aug. 21.
Oil and gas separator. S. A. Wilson. 2,547,190. Apr. 3.
Oil and water separator. E. R. Wiliams. 2,562,653, July 31.
Oil and water separator. E. Zani. 2,541,491, Feb. 13.
Oil burner. J. D. Duncan. 2,547,842, Apr. 3.
Oil burner. A. G. Edvinson and B. K. Danielsson. 2,577,238, Dec. 4.
Oil burner. J. D. Pesce. 2,558,779, July 3.
Oil burner. M. Walshin. 2,570,996, Oct. 9.
Oil burner apparatus with air throttling and whirling means, Gun type. J. G. Kaveny. 2,538,460, Jan. 16.
Oil burner for heating purposes, Gasifying. G. M. Burgess. 2,561,264, July 17.
Oil burner mounting. R. W. Boarman. 2,575,613, Nov. 20.
Oil burner primary safety control. A. L. Judson. 2,552,973, May 15.
Oil burner pump. W. P. Ellis. 2,544,144, Mar. 6.
Oil burner with baffle means therefor, Vaporizing-type. H. M. Reeves, E. D. Hillebrand, and J. E. North. 2,538,911, Jan. 23.
Oil burner with pilot chamber, Pot type. N. H. Cargile, C. B. Clemetson, and M. L. Nelson. 2,537,966, Jan. 16.
Oil burning downdraft floor furnace. H. C. Little. 2,543,033, Feb. 27.
Oil-burning system, Continuously fired. A. M. Stanley. 2,556,047, June 5.
Oil can and light, Combination. H. S. Parisotto. 2,577,857, Dec. 11.
Oil can display stand. H. A. Mertz and R. W. Hird. 2,537,686, Jan. 9.
Oil changer. H. M. Dunn and D. Oles. 2,536,492, Jan. 2.
Oil chiller. E. A. Edmonds. 2,574,818, Nov. 13.
Oil compositions containing amine salts of acid compounds of boric acid and hydroxy carboxylic acids. C. E. Trautman. 2,563,472, Sept. 18.
Oil compositions, Quenching. J. S. Wallace and G. W. Flint. 2,536,403, Jan. 2.
Oil concentrate and preparing the same, Solid essential. W. C. Griffin. 2,566,410, Sept. 4.
Oil control device for rocker arms. J. R. Winter, Jr. 2,573,082, Oct. 30.
Oil distillation, Rich. E. G. Ragatz. 2,548,058, Apr. 10.
Oil extraction process. J. W. Dunning. 2,551,254, May 1.
Oil filler and drain means for internal-combustion engines. B. G. Rich, J. P. Sandoval, and B. G. Valentine. 2,543,200, Feb. 27.
Oil filler neck extension for automobile engines. J. R. Green. 2,578,184, Dec. 11.
Oil filter. A. S. Harlan. 2,543,165, Feb. 27.
Oil filter. C. J. Rood. 2,576,144, Nov. 27.
Oil filter. B. H. Von Pentz. 2,577,169, Dec. 4.
Oil filtering cartridge, Repackable. C. C. Schultz. 2,559,133, July 3.
Oil filtration system. C. C. S. Le Clair. 2,544,269, Mar. 6.
Oil-free wax and dewaxed oil from wax-bearing lubricating oil stock with a dewaxing solvent liquid, Production of. W. P. Gee. 2,550,058. Apr. 24.
Oil-in-oil emulsions, Production of. A. Herlow. 2,575,874, Nov. 20.
Oil indicator. J. R. Grossman and W. L. Milliken 2,545,694, Mar. 20.
Oil indicator label holder. J. R. Grossman and W. I Milliken. 2,545,693. Mar. 20.
Oil level gauge. A. H. Lamb. 2,552,330, May 8.
Oil level gauge. E. R. Wilson. 2,550,897, May 1.
Oil manufacture, Lubricating. A. Voorhies, Jr. 2,554,282, May 22.
Oil-modified alkyd resin modified with cellulose derivative. H. H. Scholz and A. M. Taylor. 2,553,682, May 22.
Oil pan for engines, Composite. M. F. Hall. 2,577,188, Dec. 4.
Oil pressure regulator. L. S. McIntosh. 2,573,477, Oct. 30.
Oil pressure switch. A. C. Korte and A. N. Szwargulski. 2,537,354. Jan. 9.
Oil produced from eggs. W. B. Cooper. 2,555,731, June 5.
Oil pump assembly. F. H. Davis. 2,572,250, Oct. 23.
Oil recuperator for machine slideways. C. W. Berthiez. 2,539,769, Jan. 30.
Oil return in refrigerator. J. Bosi. 2,568,711, Sept. 25.
Oil ring. G. W. Stanley. 2,554,069, May 22.
Oil ring for pistons. C. H. Gray. 2,565,306, Aug. 21.
Oil seal. A. M. Chambers, Jr. Re. 23,431, Nov. 27.
Oil seal. A. M. Chambers, Jr. 2,542,234, Feb. 20.

Oil seal. W. M. Horton. 2,542,141, Feb. 20.
Oil seal. T. E. Nelson. 2,573,591, Oct. 30.
Oil seal. T. E. Nelson. 2,576,721, Nov. 27.
Oil seal for bearings. A. F. Hickman. 2,574,478, Nov. 13.
Oil-soluble copolymers, Unsaturated. T. P. Malinowski. 2,561,313, July 17.
Oil sump air filter. G. Wallace. 2,559,053, July 3.
Oil system, Nonfreezing. R. H. Wood. 2,570,898, Oct. 9.
Oil temperature control valve. L. T. Miller. 2,540,628, Feb. 6.
Oil temperature control valve and cooler. L. T. Miller. 2,540,629, Feb. 6.
Oil temperature indicating device. J. Cataldo. 2,579,363, Dec. 18.
Oil tester, Flashlight. L. G. Alexander and J. W. Sherrill. 2,562,997, Aug. 7.
Oil tube for bearings. G. L. Schwarz. 2,550,606, Apr. 24.
Oil vapor pump. K. C. D. Hickman and G. A. Kuipers. 2,560,646, July 17.
Oil waste retainer for railroad journal boxes. O. O. Meranda. 2,577,622, Dec. 4.
Oil well cementing. B. E. Morgan and R. A. Salathiel. 2,549,507, Apr. 17.
Oil well control system. G. A. Smith. 2,550,093, Apr. 24.
Oil well derrick. H. J. Woolslayer, C. Jenkins, and W. H. Luttgen. 2,577,642, Dec. 4.
Oil well pump. W. S. Crake. 2,552,153, May 8.
Oil well pump valve. G. M. Stewart. 2,571,497, Oct. 16.
Oil well pumping machine. G. A. Fullerton. 2,579,112, Dec. 18.
Oiler, Automatic pintle. H. J. Hadfield. 2,570,942, Oct. 9.
Oiler, Car journal. D. L. Shain. 2,538,804, Jan. 23.
Oiler, Flange. F. Ross, F. E. Ross, Jr., and H. G. Field. 2,550,865, May 1.
Oiler, Flat leakproof. W. Grieme. 2,536,277, Jan. 2.
Oiler for slat conveyers, Automatic. C. R. Miller. 2,558,370, June 26.
Oiler, Inertia actuated automatic. R. E. W. Harrison. 2,540,391, Feb. 6.
Oiling apparatus for sleeve type bearings, Constant level. L. O. Larsen and L. B. Walter. 2,551,380, May 1.
Oiling device. E. W. Davis. 2,549,744, Apr. 17.
Oiling device for pipe working tools. P. P. Brennish. 2,564,187, Aug. 14.
Oiling system, Wool. R. R. Harmon. 2,560,949, July 17.
Oils and greases, Thickened. C. F. Irwin. 2,576,837, Nov. 27.
Ointment base and iodine ointment. A. Taub. 2,550,622, Apr. 24.
Ointments. W. F. Kamm. 2,557,973, June 26.
Olefin-dihydronaphthalene copolymers. E. Lieber. 2,545,522, Mar. 20.
Olefin-haloaromatic copolymer and preparation thereof. W. C. Hollyday, Jr., and W. J. Sparks. 2,561,796, July 24.
Olefin hydration process. C. R. Nelson, M. A. D. Taylor, D. D. Davison, and L. M. Peters. 2,579,601, Dec. 25.
Olefin polymerization feedstock, Preparing an. R. L. Heinrich. 2,570,032, Oct. 2.
Olefin polymerization with sulfur containing Friedel-Crafts complex catalysts, Low-temperature. R. W. Dornte and J. F. McKay, Jr. 2,536,841, Jan. 2.
Olefin reactions. P. L. Barrick. 2,542,747, Feb. 20.
Olefin recovery in a petroleum refinery, Increased. D. M. Little. 2,548,032, Apr. 10.
Olefins from oxides, Production of. J. A. Dinwiddie. 2,542,487, Feb. 20.
Olefins, Production of. J. A. Dinwiddie. 2,542,488, Feb. 20.
Olefins, Production of lower. L. K. Frevel, W. W. Hunt, and J. J. Grebe. 2,541,693, Feb. 13.
Oleomargarine package and making. W. E. Denison and W. S. Stone. 2,553,513, May 15.
Oleopneumatic device. J. Mercier. Re. 23,437, Dec. 4.
Oleum, Manufacture of. H. F. Merriam. 2,562,240, July 31.
Olive extractives and producing same, Concentrated. S. Musher. 2,554,871, May 29.
Olla. O. L. Routt. 2,538,213, Jan. 16.
Omega-haloalkyl benzhydryl ether and making same. G. Rieveschl, Jr. 2,567,350, Sept. 11.
Omni-azimuth guidance system. G. B. Litchford and J. Lyman. 2,564,703, Aug. 21.
On track railway brake. H. L. Bone. 2,559,392, July 3.
1-acetoxy-1, 1-dicyano ethane, Preparation of. A. E. Ardis. 2,574,235, Nov. 6.
1-acetoxy-1, 1-dicyano ethane, Preparation of. A. E. Ardis and F. D. Stewart. 2,574,234, Nov. 6.
1-aliphatic-3,3-diphenyl-2-pyrrolidones and preparing same and related products. P. Lucas, R. L. Clarke, and A. Mooradian. 2,555,354, June 5.
1-amino-2,3-dicyano-4-oxyalkylamino anthraquinones and preparing the same. V. S. Salvin and J. R. Adams, Jr. 2,573,732, Nov. 6.
1-amino-2,3-dicyano-4-oxyalkylamino anthraquinones, Producing. V. S. Salvin and J. R. Adams, Jr. 2,573,811, Nov. 6.
1-benzhydryl-3-acylureas and producing same. R. Duschinsky. 2,560,522, July 10.
1-di-benzylamino-2-haloethanes and salts thereof, Separation of. T. F. Wood. 2,540,155, Feb. 6.
1 - dimethylamino - 2 - methyl - 3,3 - diphenylhexamine - 4 and preparation thereof. M. Sletzinger and M. Tishler. 2,538,130, Jan. 16.
1,5-pentanediol difuroate. S. J. Hetzel. 2,578,246, Dec. 11.
1,5-pentanediols, Preparation of. C. W. Smith. 2,546,019, Mar. 20.
1-fluoroalkylamino-4-arylaminoanthraquinone compounds. J. B. Dickey. 2,537,975, Jan. 16.
1 - fluoroalkylamino - 2 - trifluoromethyl - 4 - arylamino-anthraquinone compounds. J. B. Dickey and E. B. Towne. 2,539,406, Jan. 30.
1-fluoro-3,3-dimethylalkane by reacting ethylene, a tertiary alkanol and hydrogen fluoride, Production of a. C. B. Linn and L. Schmerling. 2,539,668, Jan. 30.
1,4-bis-(3-aminopropoxy)-cyclohexane. G. B. May and J. W. Fisher. 2,576,959, Dec. 4.
1,4-bis(trichloromethyl)-2,3 diaryl butanes. E. C. Ladd and H. Sargent. 2,565,859, Aug. 28.
1,4 diaminoanthraquinone compounds containing a carboxy-β-tetrahydrofurfurloxyalkylamide group in the 2-position. J. B. Dickey and A. Loria. 2,549,784, Apr. 24.
1,4-disubstituted piperazines. M. E. Hultquist and K. L. Howard. 2,543,972, Mar. 6.
1,4,5,8-tetraaminoanthraquinone dyestuff, Producing a. C. E. Hieserman. 2,562,314, July 31.
1-halo-3-trihalopropyl ethers, Preparation of. S. A. Glickman. 2,560,219, July 10.
1 - hydroxy - 4 - polyfluoroalkylaminoanthraquinone compounds. J. B. Dickey. 2,543,767, Mar. 6.
1-hydroxy-4-(6′-benzodioxan-1′, 3′) amino anthraquinone. S. R. Buc and E. E. Renfrew. 2,546,121, Mar. 20.
1-hydroxyisoquinolines, Producing. G. E. Ullyot. 2,538,341, Jan. 16.
1-hydroxy-6-alkoxy-4-methylhexadiene-2,4 and carboxylic acid esters thereof. M. S. Newman. 2,555,599, June 5.
1-keto-4-hydroxy-1,2,3,4-tetrahydroisoquinolines, Producing. G. E. Ullyot. 2,538,342, Jan. 16.
1-methylcyclopentanone-2, Production of. L. L. J. Fauqué. 2,562,487, July 31.
1-nitrophenyl-2-acylamino-1,3-propanediol acetals. A. C. Moore. 2,568,555, Sept. 18.
1,1,diphenyl-3(n-piperidyl) propane salts of penicillin. F. H. Buckwalter. 2,578,651, Dec. 18.
1,1,2,5-tetrachlorothiophane. R. L. Haynor. 2,578,301, Dec. 11.
1-(p-tolylthio)-3-trimethylsilylpropane. C. A. Burkhard. 2,544,296, Mar. 6.
One-phase antirust liquid containing an alkali metal borate and a long-chain alcohol. L. M. Burghart. 2,566,924, Sept. 4.
One-phase antirust liquid containing an alkali metal borate and mixed monoricinoleate esters. L. M. Burghart. 2,566,923, Sept. 4.
One-phase antirust liquid containing triethanolamine metaborate, triethanolamine, and a long-chain alcohol. L. M. Burghart. 2,566,926, Sept. 4.
One-phase antirust liquid containing triethanolamine metaborate, triethanolamine, and mixed monoricinoleate esters. L. M. Burghart. 2,566,925, Sept. 4.
One-piece lined box. W. A. Ringler. 2,568,170, Sept. 18.
One-piece paper container. J. Norden. 2,572,655, Oct. 23.
1-prolyl-1-cysteinyl-1-tyrosine. A. A. Plentl. 2,563,743, Aug. 7.
1-pyrazolo-(4 :3-d)-pyrimidine derivatives. F. L. Rose. 2,554,213, May 22.
One sweep type bender for thin wall metallic conduit. R. H. Henderson. 2,571,241, Oct. 16.
1,3-alkenediamines, Secondary. H. D. Finch and E. A. Peterson. 2,565,488, Aug. 28.
1,3 dialkyl-6-amino-1,2,3,4-tetrahydro-2,4-pyrimidinediones. V. Papesch and E. F. Schroeder. 2,567,651, Sept. 11.
1,3,5-tris (isopropenyl) benzene. C. H. McKeever and J. O. Van Hook. 2,542,551, Feb. 20.
1,3,7,9-tetramethyl-2,4,6,8-tetraoxodipyrimido [4,5-B,5′.4′-e] pyrazine. O. De Garmo. 2,561,324, July 24.
1,3-substituted 1,1,3,3-tetrachloro 1,3-disilapropane. H. A. Clark. 2,557,942, June 26.
1,2-dihydropyridazine-3, 6-dione, Preparation of. W. D. Harris and D. L. Schoene. 2,575,954, Nov. 20.
1,2-diolefins as modifiers in the alkali-metal-catalyzed polymerization of conjugated diolefins. W. W. Crouch. 2,559,947, July 10.
1,2-dithiocyanoethyl naphthalene. E. E. Stahly. 2,539,493, Jan. 30.
1,2-epoxycyclooctane, Manufacture of. L. E. Craig. 2,571,208, Oct. 16.
1,2-iminocyclohexanes. H. Schläpfer and A. Margot. 2,558,273, June 26.
1,2-napthoquinone condensation products. N. Steiger. 2,554,543, May 29.
One-way clutch. H. H. Turner. 2,570,290, Oct. 9.
Onion halving device. R. M. Magnuson. 2,577,086, Dec. 4.
Opacifier for vitreous enamels and making. W. W. Coffeen. 2,558,932, July 3.
Opal glass and method of controlling fire thereof. H. P. Hood. 2,571,242, Oct. 16.
Opal glass composition. S. D. Stookey. 2,559,805, July 10.
Opaque projection apparatus with adjustable tray and platen means. J. Y. Taylor. 2,578,106, Dec. 11.
Opaquing agents for vitreous enamels and making. B. W. King, Jr., and L. C. Baumhardt. 2,555,272, May 29.

Open-end ratchet wrench. A. F. Wedvik. 2,565,154 Aug. 21.
Open end ratcheting wrench. G. T. Logan. 2,537,838, Jan. 9.
Open-ended ratchet wrench. W. J. Filiatreault. 2,578,410, Dec. 11.
Open-hearth process. C. L. Altenburger. 2,569,215, Sept. 25.
Open-sided-socket ratchet wrench. H. L. Fish. 2,578,686, Dec. 18.
Opener and dispenser, Can. E. Kower. 2,544,095, Mar. 6.
Opener and holder, Bobby pin. L. Haase. 2,544,595, Mar. 6.
Opener and pitcher, Combined can. F. S. Manner. 2,571,-464, Oct. 16.
Opener and pouring spout, Combination can. W. B. Cosdon. 2,551,099, May 1.
Opener and sealing closure, Can. M. O. Polson. 2,546,561, Mar. 27.
Opener, Attached can. P. R. Schwark. 2,569,905, Oct. 2.
Opener, Automatic can. A. H. Jenson. 2,579,189, Dec. 18.
Opener, Bobby pin. J. A. Sewol. 2,548,561, Apr. 10.
Opener, Bobby pin. J. R. Snyder. 2,546,528, Mar. 27.
Opener, Bottle. S. J. Clark. 2,554,898, May 29.
Opener, Can. A. Carp. 2,573,400, Oct. 30.
Opener, Can. H. E. Craig. 2,547,258, Apr. 3.
Opener, Can. J. C. Cunningham. 2,578,401, Dec. 11.
Opener, Can. J. F. Hager. 2,553,041, May 15.
Opener, Can. M. L. Hiner. 2,552,677, May 15.
Opener, Can. W. C. Kuykendall. 2,571,728, Oct. 16.
Opener, Can. M. J. La Forte. 2,573,030–1, Oct. 30.
Opener, Can. J. R. Lapierre. 2,556,731, June 12.
Opener, Can. H. W. Lindahl. 2,568,962, Sept. 25.
Opener, Can. R. E. McLean. 2,565,144, Aug. 21.
Opener, Can. E. Mesik. 2,554,628, May 29.
Opener, Can. R. F. O'Hara and J. H. Weisling. 2,545,826, Mar. 20.
Opener, Can. G. G. Perkins. 2,550,934, May 1.
Opener, Can. A. Primak. 2,578,983, Dec. 18.
Opener, Can. T. L. Rush. 2,565,048, Aug. 21.
Opener, Can. M. L. Russell. 2,570,721, Oct. 9.
Opener, Can. W. A. Thiem. 2,571,310, Oct. 16.
Opener, Can. C. D. Tuccori. 2,551,183, May 1.
Opener, Can. R. H. Waller. 2,555,835, June 5.
Opener, Can. D. J. Walton. 2,563,569, Aug. 7.
Opener, Can. E. Zumski. 2,568,106, Sept. 18.
Opener, Carton. E. C. Burhans. 2,536,421, Jan. 2.
Opener, Coin-operated bottle. I. O. Gilbert. 2,556,268, June 12.
Opener, Container. J. B. Donnelly. 2,576,926, Dec. 4.
Opener, Container. J. B. Donnelly. 2,579,912, Dec. 25.
Opener, Continuous grip can. G. W. Okey. 2,554,420, May 22.
Opener, Cream can. W. M. McBride. 2,546,467, Mar. 27.
Opener, Door. C. L. Tuckey. 2,567,684, Sept. 11.
Opener, Drain. J. B. Hord. 2,548,023, Apr. 10.
Opener, Envelope. P. Leinweber. 2,579,744, Dec. 25.
Opener, Finger-supported bottle. L. N. Clark. 2,548,517, Apr. 10.
Opener for containers having weakened closures. M. Der Alexanian. 2,554,173, May 22.
Opener for hair pins. P. E. Formica. 2,553,246, May 15.
Opener, Gate. E. S. Berglund. 2,579,463, Dec. 25.
Opener, Hairpin. C. J. Benner. 2,536,415, Jan. 2.
Opener, Hair pin. N. K. Elward. 2,561,655, July 24.
Opener, Magnetic bottle. J. H. Hammond, Jr. 2,542,329, Feb. 20.
Opener, Motor operated can. R. J. Raab. 2,555,931, June 5.
Opener, Parachute safety. H. Vantine, Jr. 2,570,295, Oct. 9.
Opener, Pouring tin. R. E. Couraud. 2,554,731, May 29.
Opener, Power-driven can. G. Parovel. 2,554,265, May 22.
Opener, Powered can. G. A. Policastro. 2,560,983, July 17.
Opener, Reciprocating plunger type bottle. H. L. Blum. 2,559,845, July 10.
Opener ring or the like, Bobby pin. G. W. Deuillet. 2,543,356, Feb. 27.
Opener, Surface mounted container. F. Menderman. 2,576,800, Nov. 27.
Opener, Watchcase. C. P. Miller. 2,558,479, June 26.
Opening and closing a compressor intake, Automatically. M. A. Lipkau. 2,556,623, June 12.
Opening and reflanging cans, Method and apparatus for. J. Mathieu. 2,556,766, June 12.
Opening containers. C. R. Logic. 2,571,590, Oct. 16.
Opening means for regular cartons. R. M. Dunning. 2,549,582, Apr. 17.
Operating a continuous electroplating system. O. E. Adler. 2,560,534, July 17.
Operating a number of electric relays or solenoids at a preset time, Automatically. I. Andersson. 2,543,309, Feb. 27.
Operating an HF alkylation unit. C. S. Kelley. 2,542,927, Feb. 20.
Operating and locking mechanism for canopy doors. R. F. Rape. 2,546,932, Mar. 27.
Operating control elements, such as electric switches, in a selected manner. W. F. Horgan. 2,544,089, Mar. 6.
Operating internal-combustion engines and fuel therefor. G. W. Duncan. 2,574,321, Nov. 6.
Operating internal-combustion engines and the performance of that method. P. X. Spillane. 2,560,197, July 10.
Operating lever, particularly for use with the throttle valves for internal-combustion engines. C. A. Davis. 2,567,555, Sept. 11.
Operating means for greenhouse ventilating panels. A. B. Kleinhans. 2,573,340, Oct. 30.
Operating means for sliding doors. R. Kreimendahl. 2,570,563, Oct. 9.
Operating mechanism. H. J. Crabbs. 2,579,798, Dec. 25.
Operating mechanism. A. D. MacLean. 2,575,964, Nov. 20.
Operating mechanism. W. A. Pennow. 2,558,098, June 26.
Operating mechanism for a window and casing assembly. C. C. Curley. 2,545,449, Mar. 20.
Operating mechanism for electric switches. R. H. Bentley. 2,576,771, Nov. 27.
Operating mechanism for material-handling machines. J. A. Thierry. 2,577,826, Dec. 11.
Operating mechanism for spray guns. G. E. Björkman. 2,557,593, June 19.
Operating open-hearth furnaces. F. H. Barnes, C. M. Kay, and S. F. Oakes. 2,554,609, May 29.
Operating open-hearth furnaces. K. H. Moody. 2,550,848, May 1.
Operating pole assembly for high-tension lines. D. C. Hubbard. 2,571,246, Oct. 16.
Operating regenerators for open hearths. W. M. Henry. 2,543,367, Feb. 27.
Operating system for discharge devices and vapor arc lamps. L. F. Bird. 2,575,001, Nov. 13.
Operating voltage supply arrangement for cathode-ray tube apparatus. I. S. Forbes and K. W. G. Harrod. 2,536,497, Jan. 2.
Operation control and terminating mechanism. S. Hilder. 2,546,893, Mar. 27.
Operation control means. H. Gang. 2,572,920–1, Oct. 30.
Operation control means for calculating machines. W. Homan. 2,573,022, Oct. 30.
Operation in electrolytic alkali chlorine cells. S. G. Osborne and A. Mitchell. 2,569,329, Sept. 25.
Operation servo control for group-switch sewing machines. F. A. Hayes. 2,540,730, Feb. 6.
Operator for electric switches. J. C. Ponstingl. 2,538,036, Jan. 16.
Operator for flag signal. M. J. Yoder. 2,567,459, Sept. 11.
Operator for removing rip covers from tanks, Pneumatically actuated. W. B. Elmer and R. R. Rimer. 2,547,309, Apr. 3.
Operator-supported power drill. E. P. Gould. 2,547,818, Apr. 3.
Ophthalmic attachment. A. Pozarik. 2,545,673, Mar. 20.
Ophthalmic glass, Tarnish resistant. J. E. Duncan. 2,542,489, Feb. 20.
Ophthalmic lens mounting including frame elements. E. M. Splaine. 2,574,197, Nov. 6.
Ophthalmic mounting. A. Ditto. 2,552,409–10, May 8.
Ophthalmic mounting. E. D. Ditto. 2,552,411, May 8.
Ophthalmic mounting. R. F. French and H. R. Sadler. 2,579,378, Dec. 18.
Ophthalmic mounting. L. L. Gagnon. 2,553,181, May 15.
Ophthalmic mounting. M. T. Gilden. 2,571,704, Oct. 16.
Ophthalmic mounting. E. F. Nelson. 2,561,403, July 24.
Ophthalmic mounting. E. M. Splaine. 2,552,121–3, May 8.
Ophthalmic mounting. E. M. Splaine. 2,558,499, June 26.
Ophthalmic mounting. E. M. Splaine. 2,562,750, July 31.
Ophthalmic mounting. H. H. Styll. 2,558,500, June 26.
Opposed contact distance measure. W. Ames. 2,553,397, May 15.
Opposed cylinder air compressor. O. Joho. 2,579,927, Dec. 25.
Opposed piston engine. M. Mallory. 2,545,098, Mar. 13.
Opposed stone mandrel. J. C. Sunnen. 2,580,328, Dec. 25.
Optical aligning device. E. A. Fontaine. 2,563,780, Aug. 7.
Optical centering gauge. R. S. Griffin. 2,557,029, June 12.
Optical controlling or inspecting arrangement for verifying the cross sections of pieces with complex profiles. A. Mottu. 2,574,119, Nov. 6.
Optical device for resolving, recombining, mixing, showing, and comparing light rays by means of dispersion prisms. N. Desirello. 2,554,243, May 22.
Optical device with variable magnifying power, Auxiliary. R. H. R. Cuvillier. 2,566,485, Sept. 4.
Optical element of polymerized methacrylate resin coated with thin film of thermoset resin. D. P. Cooper, Jr. 2,575,998, Nov. 20.
Optical glass. N. J. Kreidl and G. F. Brewster. 2,576,521, Nov. 27.
Optical horizontal reference. V. E. Carbonara. 2,557,340, June 19.
Optical indicator means for use with copy projection apparatus. P. M. Field. 2,555,402, June 5.
Optical lens aligner. A. E. Polinske. 2,573,056, Oct. 30.
Optical lens system comprising one or more aspherical refracting surfaces. A. Bouwers. 2,544,413, Mar. 6.
Optical micrometer gauge. E. P. and G. P. Bentley. 2,549,566, Apr. 17.

Optical objective balance assembly. S. E. Garutso. 2,550,685, May 1.
Optical objective of the telephoto type. G. H. Cook. 2,543,354, Feb. 27.
Optical objective system comprising a positive member and a negative auxiliary member. H. F. Bennett. 2,559,844, July 10.
Optical pellicles, Making. P. L. Pryor. 2,570,273, Oct. 9.
Optical projecting apparatus for a disk with concentric tracks of matter to be projected. W. S. and E. C. Aldrich. 2,546,054, Mar. 20.
Optical projection apparatus. G. H. Miles. 2,579,177, Dec. 18.
Optical projection apparatus. M. E. Miller. 2,536,981, Jan. 2.
Optical refracting control lens of cylindrical echelon shape. E. E. Metz. 2,554,584, May 29.
Optical sight means for indicating the level of liquids or other reflective surfaces. R. J. Blackinton and F. E. Stewart. 2,566,789, Sept. 4.
Optical slit scanning unit for film reproducing systems. G. R. Crane. 2,562,377, July 31.
Optical system and alignment means therefor. H. Rinia and L. M. L. J. Leblans. 2,559,799, July 10.
Optical system comprising a positive member and a weak auxiliary member. R. Kingslake and H. F. Bennett. 2,559,881, July 10.
Optical system, Corrected view finder. A. Offner. 2,538,209, Jan. 16.
Optical system for dual beam motorcar headlights. H. A. H. J. Schaffner. 2,566,751, Sept. 4.
Optical system for facsimile scanners, Dual beam. L. C. Walker. 2,560,614, July 17.
Optical system for objectives and eyepieces. J. R. Miles. 2,547,958, Apr. 10.
Optical system for reflecting mirror telescope. P. H. Taylor. 2,563,433, Aug. 7.
Optical system for the determination of the focal point. T. Corsi and L. Picchioni. 2,569,516, Oct. 2.
Optical system for training devices, microscopes, telescopes, and the like, Variable power. C. M. Brandon. 2,536,718, Jan. 2.
Optical system for variable power Galilean telescopes. J. R. Miles. 2,578,574, Dec. 11.
Optical system, Impulse recording. J. A. Maurer, Jr. 2,540,626, Feb. 6.
Optical system, Variable magnification. H. H. Hopkins. 2,566,889, Sept. 4.
Optical value-comparing and operation control mechanism. P. H. Allen and B. J. Chromy. 2,558,721, July 3.
Oral composition. D. J. Goodfriend. 2,549,759, Apr. 24.
Oral composition. A. Kraus. 2,554,464, May 22.
Orchard spray head. A. H. Bradford. 2,574,812, Nov. 13.
Ordinal trans-setting mechanism for registers. F. A. Deutsch. 2,539,659, Jan. 30.
Ordnance sight. U. C. Walk. 2,566,389, Sept. 4.
Ore concentrator. R. Drelon. 2,579,110, Dec. 18.
Ore concentrator. W. N. T. Morton. 2,554,480, May 22.
Ore flotation employing ion exchange materials. W. C. Hazen. 2,557,361, June 19.
Ore mill. B. J. Pugh. 2,558,156, June 26.
Ore reducing and melting operation, Continuous. H. J. Ogorzaly and H. Z. Martin. 2,562,813, July 31.
Ore treating machine. A. Mitchell. 2,544,634, Mar. 6.
Organ. S. K. Ketterman. 2,558,299, June 26.
Organ coupler assembly, Electric. V. I. Zuck. 2,547,918, Apr. 3.
Organ, Electric. T. R. Ellefson. 2,545,023, Mar. 13.
Organ, Electric. J. F. Jordan. 2,555,040, May 29.
Organ, Electric. V. I. Zuck. 2,570,178, Oct. 2.
Organ, Electronic. P. J. Greaves and F. N. Elgear. 2,569,521, Oct. 2.
Organ intensity control. F. M. Schmidt. 2,572,283, Oct. 23.
Organ, Pipe. A. J. Chase. 2,566,599, Sept. 4.
Organ valve. J. C. Hallman. 2,577,580, Dec. 4.
Organic antimony compounds derived from 1,3,5-triazine. E. A. H. Friedheim. 2,549,795, Apr. 24.
Organic bromides, Production of. D. E. Lake and A. A. Asadorian. 2,553,518, May 15.
Organic chlorides, Production of. N. D. Scott. 2,570,495, Oct. 9.
Organic compounds from methane sulfonic acid, Production of. A. V. Grosse and J. C. Snyder. 2,553,576, May 22.
Organic compounds from plant material, Production of valuable. E. Berl. 2,551,579, May 8.
Organic compositions, Stabilized. E. F. Hill and F. H. Baldwin. 2,576,458, Nov. 27.
Organic compounds containing phosphorus and bromine. G. E. Walter and I. Hornstein. 2,574,515, Nov. 13.
Organic compounds containing phosphorus and bromine. G. E. Walter and I. Hornstein. 2,574,518, Nov. 13.
Organic compounds, Production of unsaturated. R. B. Thompson. 2,553,797, May 22.
Organic ester synthesis. W. F. Gresham and R. E. Brooks. 2,542,767, Feb. 20.
Organic fluorine compounds, Manufacture of. M. A. Perkins. 2,549,988, Apr. 24.
Organic heterocyclic quaternary ammonium compounds. A. S. Du Bois and E. I. Valko. 2,542,642, Feb. 20.
Organic materials, Preparation of. A. Murray, III, and A. R. Ronzio. 2,571,926, Oct. 16.
Organic mercury compounds and germicidal compositions thereof. J. Kamlet. 2,536,750, Jan. 2.
Organic mercury compounds of xanthines and making same. W. Persch. 2,576,855, Nov. 27.
Organic nitriles, Preparation of unsaturated. W. F. Sager. 2,553,008, May 15.
Organic nitro diol derivatives and metal salts thereof. H. M. Crooks, Jr., M. C. Rebstock, J. Controulis, and Q. R. Bartz. 2,543,957, Mar. 6.
Organic nitrogen compounds used to modify physical properties of thermoplastic polymers. E. L. Kropa. 2,552,327, May 8.
Organic orthosilicates stable against hydrolysis. G. W. Pedlow, Jr., and C. S. Miner, Jr. 2,566,365, Sept. 4.
Organic peroxides, Manufacture of. P. Pezzaglia. 2,537,853, Jan. 9.
Organic phosphates as wear inhibitors for iron carbonyl. H. C. Cross. 2,546,422, Mar. 27.
Organic silicon compounds, Preparation of. N. D. Cheronis. 2,564,674, Aug. 21.
Organic sulfenyl xanthates, sulfenyl trithiocarbonates, thiosulfenyl xanthates, and thiosulfenyl trithiocarbonates, Preparation of. C. M. Himel and L. O. Edmonds. 2,574,829, Nov. 13.
Organipolysiloxanes. C. A. Burkhard. 2,561,178, July 17.
Organization for typewriting machines, Shiftable type. C. W. Norton and J. H. Ritz. 2,543,124, Feb. 27.
Organolead compounds, Manufacture of. H. Shapiro and E. G. De Witt. 2,575,323, Nov. 20.
Organomercurials, Preparing. A. G. Gillaspie. 2,551,734, May 8.
Organo-metallic compounds, Manufacturing. J. S. Hill. 2,552,676, May 15.
Organopolysilane resins. H. A. Clark. 2,563,005, Aug. 7.
Organopolysilanes. M. J. Hunter. 2,554,193, May 22.
Organopolysiloxanes, Preparation of. W. J. Wormuth. 2,552,247, May 8.
Organopolysiloxanes prepared by the reaction of salts of silanols with halosilanes. J. F. Hyde. 2,567,110, Sept. 4.
Organo silanes and their production. J. L. Speier, Jr. 2,572,402, Oct. 23.
Organosilanes, Preparation of. D. T. Hurd. 2,537,763, Jan. 9.
Organosilanes, Preparing. M. L. Ernsberger and R. D. Lipscomb. 2,570,463, Oct. 9.
Organosilanes, Preparing. R. D. Lipscomb. 2,570,462, Oct. 9.
Organo-silicon compositions. C. A. Burkhard. 2,559,342, July 3.
Organo-silicon copolymers and making same. J. B. Rust. 2,562,953, Aug. 7.
Organo-silicon derivatives, Production of. A. F. Bidaud and P. Dumont. 2,573,302, Oct. 30.
Organosilicon materials containing the repeating structure —SiSiC—. H. A. Clark. 2,563,004, Aug. 7.
Organosilicon polyesters. J. L. Speier, Jr. 2,576,486, Nov. 27.
Organosilicon polymers. J. L. Speier. 2,567,131, Sept. 4.
Organosilicon resins. J. T. Goodwin. 2,571,029, Oct. 9.
Organosilyl alkyl amines and their hydrochlorides. L. H. Sommer. 2,557,802, June 19.
Organo-tin compounds, Production of. H. J. Passino and R. M. Mantell. 2,569,492, Oct. 2.
Orientation machine for plastic filaments. H. T. Tornberg. 2,542,595, Feb. 20.
Orienting device, Fruit. E. W. Carroll. 2,568,947, Sept. 25.
Orienting hopper. G. P. Potter. 2,561,412 July 24.
Orienting machine, Peach. L. W. Waters. 2,540,020, Jan. 30.
Orienting well tools in well bores. G. E. Brown. 2,567,507. Sept. 11.
Orifice and tool therefor, Insert. M. M. Kinley. 2,544,601, Mar. 6.
Orifice control means for jet propulsion motors. J. Haltenberger. 2,551,372, May 1.
Orifice flow-control apparatus, Variable. J. M. Caldwell. 2,544,948, Mar. 13.
Orifice guard construction for dispensers. G. H. Packwood, Jr. 2,569,774, Oct. 2.
Orifice shoe for well pipes. C. C. Brown. 2,572,308, Oct. 23.
Ornament, Aerodynamic vehicle. J. W. Redhead. 2,564,213, Aug. 14.
Ornament, Ear. J. Kulak. 2,556,654, June 12.
Ornament for bicycle wheels, Spoke. M. Dobrosky. 2,558,423, June 26.
Ornament for slide fasteners. A. G. Rinehart. 2,570,378, Oct. 9.
Ornament, Novelty. R. H. Edwards. 2,552,265, May 8.
Ornament, Radiator. F. Reilly. 2,570,983, Oct. 9.
Ornamental chain. M. Rahthus. 2,549,335, Apr. 17.
Ornamental chain. A. R. Saccoccio. 2,537,789, Jan. 9.
Ornamental plastic films, Producing. M. A. Chavannes and G. T. Traut. 2,575,046, Nov. 13.
Ornamental structure. R. Plumbo. 2,555,505, June 5.
Ornamental wall switch. A. E. Ogren. 2,574,933, Nov. 13.
Ornamentation for jewelry, Selective letter. C. A. and O. V. Anderson. 2,542,452, Feb. 20.

Ornamenting coil spring wristbands. L. H. Knibb. 2,546,603, Mar. 27.
Ornamenting machine, Surface. R. B. Mentzer. 2,557,055, June 12.
Orthodontic apparatus. P. N. Paus. 2,580,042, Dec. 25.
Orthodontic appliance. A. B. Brusse. 2,548,864, Apr. 17.
Orthodontic appliance demonstrating model. F. W. Schwehr and M. E. Ohrmundt. 2,539,278, Jan. 23.
Orthodontic device. H. J. Russell. 2,549,528, Apr. 17.
Orthopedic apparatus. W. D. Fowler. 2,546,436, Mar. 27.
Orthopedic appliances, Preparation of. S. Covino. 2,565,758, Aug. 28.
Orthopedic device. M. T. Laffin. 2,568,197, Sept. 18.
Orthopedic pad. B. Gratt. 2,576,455, Nov. 27.
Orthoptic apparatus. T. J. Arneson, Jr. 2,545,333, Mar. 13.
Oscillating apparatus. D. F. Maners. 2,550,016, Apr. 24.
Oscillating attachment for rotary machines. H. W. Pre-Genzer. 2,564,720, Aug. 21.
Oscillating ball bumper and actuating mechanism. D. Pearl and H. L. Seiden. 2,551,698, May 8.
Oscillating cylinder piston meter. A. L. Grisé. 2,537,751, Jan. 9.
Oscillating doctor for paper machines. W. Lyon. 2,544,557, Mar. 6.
Oscillating fluid pressure machine. E. Mercier and M Ehlinger. 2,569,640, Oct. 2.
Oscillating fluid pressure machine. E. Mercier and M. Ehlinger. 2,570,832, Oct. 9.
Oscillating gear. J. D. Kreis. 2,553,858, May 22.
Oscillating header tube orchard sprayer. R. D. Malín. 2,577,537, Dec. 4.
Oscillating lease rod leveling mechanism. A. E. Winslow. 2,562,838, July 31.
Oscillating noise maker for toy pistols. J. Lattuca. 2,571,587, Oct. 16.
Oscillating piston meter. H. E. Kampf. 2,561,280, July 17.
Oscillating plant thinning machine. G. E. Ferguson. 2,563,326, Aug. 7.
Oscillating roll drive. P. A. Stephenson. 2,555,206, May 29.
Oscillating sheave support. W. C. Sole. 2,546,794, Mar. 27.
Oscillating signal lamp. P. Brozier. 2,572,439, Oct. 23.
Oscillating step motor. E. A. Bryan. 2,570,518, Oct. 9.
Oscillating vane motor with locking means therefor. J. Johnson. 2,564,206, Aug. 14.
Oscillation damper for full swiveling wheels. A. E. Bishop. 2,572,589, Oct. 23.
Oscillation frequency control. E. Mittelmann. 2,545,297, Mar. 13.
Oscillation generator. B. C. Fleming-Williams. 2,541,230, Feb. 13.
Oscillation generator. G. L. Grisdale. 2,543,456, Feb. 27.
Oscillation generator. L. A. Meacham. 2,556,286, June 12.
Oscillation generator. J. H. Pratt. 2,568,868, Sept. 25.
Oscillator. E. Mittelmann. 2,540,275, Feb. 6.
Oscillator. D. E. Noble. 2,539,268, Jan. 23.
Oscillator. H. Romander. 2,555,373, June 5.
Oscillator. H. R. Shaw. 2,573,284, Oct. 30.
Oscillator-amplifier, Radio-phonograph. A. E. Hayes, Jr. 2,548,531, Apr. 10.
Oscillator and amplifier system, Composite. J. G. King. 2,552,721, May 15.
Oscillator and amplifier, Thermionic valve. E. R. Wigan. 2,549,553, Apr. 17.
Oscillator apparatus for beds. N. B. Mininberg. 2,566,239, Aug. 28.
Oscillator, Beat frequency. D. I. Wilbur. 2,556,993, June 12.
Oscillator circuit. G. Peterson. 2,557,310, June 19.
Oscillator circuit arrangement. R. Golicke. 2,544,017, Mar. 6.
Oscillator, Coincidence blocking tube. J. H. Mulligan, Jr., and A. J. Talamini, Jr. 2,570,836, Oct. 9.
Oscillator construction. E. M. Ostlund. 2,579,511, Dec. 25.
Oscillator controlled relay system. W. H. Wannamaker, Jr. 2,559,266, July 3.
Oscillator converter. R. W. Sanders. 2,543,067, Feb. 27.
Oscillator, Crystal controlled. E. Eberhard and R. O. Endres. 2,570,436, Oct. 9
Oscillator, Crystal controlled high-frequency. J. A. Fry. 2,553,366, May 15.
Oscillator, Diode. F. B. Llewellyn. Re. 23,369, May 22.
Oscillator drive mechanism. F. A. Lane. 2,564,982, Aug. 21.
Oscillator, Electron coupled magnetron. R. B. Nelson. 2,549,846, Apr. 24.
Oscillator for electronic music instruments, Cathodic coupling. G. Jenny. 2,562,429, July 31.
Oscillator frequency control. E. Toth. 2,573,742, Nov. 6.
Oscillator frequency control for superheterodyne receivers and control devices, Local. C. E. Smith. 2,558,790, July 3.
Oscillator grid-leak circuit. S. I. Rambo and B. Boyd. 2,558,101, June 26.
Oscillator, Harmonic crystal. B. H. Simons. 2,575,363, Nov. 20.
Oscillator, High-frequency. R. M. Baker. 2,545,985, Mar. 20.
Oscillator, High-frequency electrical. J. T. Randall and H. A. H. Boot. 2,542,966, Feb. 20.
Oscillator, High-frequency electrical. J. Sayers. 2,546,870, Mar. 27.
Oscillator, High-frequency transistor. A. J. Rack. 2,556,296, June 12.
Oscillator, Inductance tuned audio-frequency. J. M. Hanert. 2,543,629, Feb. 27.
Oscillator, Low impedance. I. W. Cox, L. D. Drugmand, and R. E. Mekelburg. 2,572,320, Oct. 23.
Oscillator, Magnetron. M. J. O. Strutt, K. S. Knol, and A. van der Ziel. 2,548,567, Apr. 10.
Oscillator mode suppression. W. Altar and J. W. Coltman. 2,565,112, Aug. 21.
Oscillator, Multiband. A. D. Baylor. 2,578,335, Dec. 11.
Oscillator, Multivibrator type. J. R. Moore. 2,540,539, Feb. 6.
Oscillator, Neutralized crystal. R. L. Downey. 2,546,027, Mar. 20.
Oscillator, Pulse-controlled. G. S. P. Scantlebury. 2,571,296, Oct. 16.
Oscillator, Radio frequency. R. M. Baker. 2,565,113, Aug. 21.
Oscillator, Relaxation. W. H. Bliss. 2,553,165, May 15.
Oscillator, Relaxation. G. L. Carson. 2,556,027, June 5.
Oscillator, Ringing. B. L. Havens. 2,562,550, July 31.
Oscillator, Stabilized electric. G. P. de Mengel. 2,562,894, Aug. 7.
Oscillator starting system. P. Pellé. 2,553,468, May 15.
Oscillator, Synchronized relaxation. R. C. Moore. 2,538,261, Jan. 16.
Oscillator synchronizing system. W. J. Gruen. 2,540,820, Feb. 6.
Oscillator, Thermionic valve. J. A. B. Davidson. 2,577,235, Dec. 4.
Oscillator, Trigger controlled. W. A. Miller. 2,554,308, May 22.
Oscillator, Tunable cavity. J. C. Reed, Jr. 2,558,463, June 26.
Oscillator, Ultrahigh-frequency pulse. S. Teszner. 2,575,200, Nov. 13.
Oscillator, Vacuum tube. R. M. Baker. 2,575,702, Nov. 20.
Oscillator, Vacuum tube. W. J. O'Brien. 2,549,923, Apr. 24.
Oscillator, Variable frequency. L. Fleming. 2,565,490, Aug. 28.
Oscillator, Variable frequency. D. R. Goddard. 2,568,852. Sept. 25.
Oscillator, Variable frequency. T. H. Long. 2,546,645, Mar. 27.
Oscillator, Vibrating reed controlled. M. R. Winkler. 2,547,027, Apr. 3.
Oscillator with a back-coupled electron tube, High-frequency. S. Breimer. 2,554,087, May 22.
Oscillatory apparatus, High-frequency. C. E. Bessey. 2,514,739, Feb. 13.
Oscillograph. L. D. Smart. 2,547,289, Apr. 3.
Oscillograph-galvanometer. L. A. Thompson. 2,573,998, Nov. 6.
Oscillograph system, Three-dimensional. J. L. Whittaker. 2,544,624, Mar. 6.
Oscillographic voltage measuring device. A. A. Potjer. 2,539,971, Jan. 30.
Oscilloscope and its circuit. R. J. Urick and R. M. Sherwood. 2,537,105, Jan. 9.
Oscilloscope for voltage measurements, Calibrated. E. E. Carpentier. 2,563,395, Aug. 7.
Oscilloscope system. W. D. Cannon. 2,552,884, May 15.
Oscilloscope, Voltage and phase measuring cathode-ray. A. L. Weisbecker. 2,548,276, Apr. 10.
Osmate esters of 20-cyanopregnanes and process. L. H. Sarett. 2,541,439, Feb. 13.
Outboard motor. L. R. S. Holmes and R. J. Spanski. 2,571,245, Oct. 16.
Outboard motor. F. T. Irgens. 2,564,903, Aug. 21.
Outboard motor. E. C. Kiekhaefer. 2,547,128, Apr. 3.
Outboard motor lock. F. L. Buschhorn. 2,556,900, June 12.
Outboard motor protecting rim. E. C. Kiekhaefer. 2,549,485, Apr. 17.
Outboard motor underwater exhaust valve. J. C. Bandli. 2,570,509, Oct. 9.
Outboard motor water pump. L. T. Kincannon. 2,536,374, Jan. 2.
Outboard propeller mechanism. A. W. Wanzer. 2,579,221, Dec. 18.
Outdoor projection screen. C. S. Wright. 2,579,892, Dec. 25.
Outdoor temperature responsive controller for heating systems. A. L. Judson. 2,557,661, June 19.
Outfeeding mechanism for portable debarking machines. M. J. Power. 2,543,128, Feb. 27.
Out-fire control switch. P. Schell. 2,578,949, Dec. 18.
Out-of-step protective system. C. G. Dewey. 2,561,848, July 24.
Outsoles, Preparing. E. F. Small. 2,577,371, Dec. 4.
Outage bob. H. A. Quist. 2,539,925, Jan. 30.
Outlet box connector. I. A. Paige. 2,564,341, Aug. 14.
Outlet box support. L. L. Elstad. 2,555,923, June 5.
Outlet boxes, Making. F. J. Kennedy. 2,544,266, Mar. 6.
Outlet control. A. B. Newton. 2,537,315, Jan. 9.
Outlet for fluids, Movable. E. Hoffman. 2,536,848, Jan. 2.

Outlet plug connector. J. J. Bauer. 2,563,909, Aug. 14.
Oven. L. Conner. 2,576,252, Nov. 27.
Oven, Baking. E. M. Crosland. 2,538,555, Jan. 16.
Oven, Barbecue. L. A. Parker. 2,568,022, Sept. 18.
Oven burner ignition and control mechanism. C. M. Mayer. 2,578,718, Dec. 18.
Oven control. C. M. Mayer. 2,562,536, July 31.
Oven, Constant temperature. C. F. Baldwin. 2,556,865, June 12.
Oven control, Time-controlled temperature-responsive. J. F. Dunn. 2,545,846, Mar. 20.
Oven door. C. L. Hardwick. 2,547,117, Apr. 3.
Oven door construction for cooking stoves. A. G. Sherman. 2,541,942, Feb. 13.
Oven door hinge. H. E. Mills. 2,539,151, Jan. 23.
Oven door seal for stoves. H. E. Mills. 2,539,150, Jan. 23.
Oven, Electric. L. Brock. 2,552,143, May 8.
Oven for baking bread. Self-loading. R. Lopez. 2,536,756, Jan. 2.
Oven for baking, Reel-type. S. T. Howard. 2,539,423, Jan. 30.
Oven having rotatable basket, Barbecue. D. A. Harrison. 2,562,713, July 31.
Oven, Infrared. W. J. Miskella. 2,549,619, Apr. 17.
Oven light with door operated switch, Plural compartment. M. Resek, W. M. Day, and J. R. Kirkpatrick. 2,577,541, Dec. 4.
Oven liner, Impregnated aluminum. C. E. Waring. 2,537,433, Jan. 9.
Oven, Metal sheet drying. F. S. Bailey. 2,553,029, May 15.
Oven, Metal sheet drying. F. S. Bailey. 2,568,695, Sept. 25.
Oven, Reflector. F. F. Lindstaedt. 2,543,115, Feb. 27.
Oven, Self-basting. T. R. Smith. 2,548,325, Apr. 10.
Oven, Steamer and warming. R. L. Keller. 2,562,723, July 31.
Oven structure, Infra-red. W. H. Hudson. 2,559,249, July 3.
Oven unloader, Traveling. M. A. Sticelber. 2,576,369, Nov. 27.
Oven vent. C. A. Pierson. 2,556,597, June 12.
Oven vent for ranges. L. F. Berg. 2,569,652, Oct. 2.
Oven, Warming. T. H. Cline. 2,566,553, Sept. 4.
Overblouse. J. Rietveld. 2,541,382, Feb. 13.
Over-center lever actuated clutch. R. W. Halberg. 2,562,613, July 31.
Over-center mechanism. H. N. Harris. 2,551,671, May 8.
Overcurrent protective system for motor circuits. F. T. Foshee. 2,559,913, July 10.
Overflow for liquid storage tanks. O. H. Pilkey. 2,541,095, Feb. 13.
Overdraft sensing and control mechanism for crawl-carry accumulators. S. Toorell. 2,553,884, May 22.
Overhead counterbalanced door. O. Lewis and H. G. Kabisch. 2,569,614, Oct. 2.
Overhead door. H. B. Clark. 2,540,810, Feb. 6.
Overhead door. H. B. Clark. 2,547,196, Apr. 3.
Overhead door. C. E. Schlytern. 2,567,031, Sept. 4.
Overhead door mounting. H. H. Olsen. 2,539,200, Jan. 23.
Overhead door mounting. N. W. Smith. 2,569,351, Sept. 25.
Overhead garage door. J. H. Burr. 2,573,181, Oct. 30.
Overhead garage door. R. E. Thompson. 2,543,261, Feb. 27.
Overhead spring-actuated garage door. J. H. Grenzeback. 2,552,959, May 15.
Overhead suspension for optical wheel aligners. C. A. Shoemaker. 2,564,510, Aug. 14.
Overhead swinging door. J. A. McFarlane. 2,557,833, June 19.
Overhead traveling carrier. F. P. Baertschi and F. R. Nelson. 2,538,752, Jan. 23.
Overheat protection for steam reheaters. P. R. Walter and J. W. Thompson. 2,579,027, Dec. 18.
Overheated radiator signal. C. A. Jensen. 2,541,518, Feb. 13.
Overlapped-end box. S. Bergstein. 2,536,530, Jan. 2.
Overlapping header for radio tubes. R. F. Doran. 2,573,553 Oct. 30.
Overload automatic reversible control. C. Drexler. 2,548,709, Apr. 10.
Overload control circuit. S. Berman. 2,537,958, Jan. 16.
Overload limiting apparatus. H. O. Kron. 2,562,278, July 31.
Overload protection for drive motors of automatic washing machines and the like. J. C. Worst. 2,577,173, Dec. 4.
Overload protection of high-frequency receivers. J. L. Lawson. 2,544,842, Mar. 13.
Overload protective device. H. N. Slack. 2,536,319. Jan. 2.
Overload release clutch. R. W. Stanley. 2,544,809, Mar. 13.
Overload release coupling. A. Y. Dodge. 2,561,913, July 24.
Overload release coupling. C. Hill and C. K. Johns. 2,571,879, Oct. 16.
Overload release coupling. M. A. Richardson. 2,561,136, July 17.
Overload release coupling. O. E. Wolff. 2,543,396, Feb. 27.
Overload release drive clutch. F. Huntar. 2,539,425, Jan. 30.
Overload release mechanism. C. H. Hall. Re. 23,361, Apr. 24.
Overload release mechanism. D. T. James. 2,537,672, Jan. 9.
Overload release mechanism. W. A. Williams. 2,554,969, May 29.
Overrunning clutch. W. S. Horton. 2,551,000, May 1.
Overrunning clutch. C. E. Walton. 2,537,722, Jan. 9.
Overrunning sprag type clutch. E. J. Farkas. 2,576,337, Nov. 27.
Overshoe, Antiskid. H. E. Earl, Sr. 2,571,020, Oct. 9.
Overshoe having looped counter strap, Waterproof. K. M. Gaetz. 2,571,437, Oct. 16.
Overshoe with elastic vamp closure. L. B. Nelson. 2,554,376, May 22.
Overshoe with retaining strap, Lady's rubber. C. Markell. 2,575,762, Nov. 20.
Overshot. W. Bendeler and C. Howard. 2,577,994, Dec. 11.
Overvoltage protective device. J. A. Bigwood. 2,562,692, July 31.
Overvoltage protective device. H. L. Rawlins and J. M. Wallace. 2,550,124, Apr. 24.
Overvoltage protector. R. L. Brown. 2,560,628–30, July 17.
Oxazoline compounds. G. W. Moersch. 2,562,113, July 24.
Oxazoline compounds. G. W. Moersch and A. C. Moore. 2,562,114, July 24.
Oxazolines. K. Pfister, III, and M. Tishler. 2,571,940, Oct. 16.
Oxidation carrier for the oxidation of hydrocarbons. E. S. Corner and C. S. Lynch. 2,553,551, May 22.
Oxidation of alcohols, Continuous. D. C. Hull. 2,552,175, May 8.
Oxidation of aromatic hydrocarbons. E. J. Lorand and J. E. Reese. 2,548,435, Apr. 10.
Oxidation of benzyl ether. F. G. Eichel. 2,561,350, July 24.
Oxidation of conjunct polymer hydrocarbons and compositions derived therefrom. M. J. Murray. 2,580,184, Dec. 25.
Oxidation of cumene. G. G. Joris. 2,577,768, Dec. 11.
Oxidation of cycloaliphatic compounds. F. Porter and J. N. Cosby. 2,565,087, Aug. 21.
Oxidation of drying and semidrying oils. V. J. Keenan. 2,555,976, June 5.
Oxidation of fatty matter. H. O. Renner. 2,557,564, June 19.
Oxidation of mercaptans. D. C. Bond and M. Savoy. 2,571,666, Oct. 16.
Oxidation of mercaptans. C. W. Mertz, H. W. Cutcher, and J. A. McBride. 2,558,221, June 26.
Oxidation of mercaptans. C. W. Mertz, H. W. Cutcher, and J. A. McBride. 2,574,884, Nov. 13.
Oxidation of oleic acid. D. Swern and H. B. Knight. 2,572,892, Oct. 30.
Oxidation of organic compounds. W. G. Toland, Jr 2,574,511, Nov. 13.
Oxidation of petroleum cyclohexane. C. H. Hamblet and F. S. Chance. 2,557,281, June 19.
Oxidation of petroleum hydrocarbons. E. R. Woodward. 2,573,751, Nov. 6.
Oxidation process to form free fatty acids. E. V. Fasce. 2,553,364, May 15.
Oxidation resistant high molecular weight pentadiene copolymers, Production of. H. G. Schutze. 2,565,398, Aug. 21.
Oxidation resisting hydrocarbon products. J. P. McDermott. 2,545,158, Mar. 13.
Oxidation resisting hydrocarbon products. J. G. McNab, N. V. Hakala, and J. P. McDermott. 2,552,570, May 15.
Oxide of copper rectifiers, Manufacture of. M. Reidel. 2,559,370, July 3.
Oxidized ammoniacal solution of methylene resorcinol and making it. J. D. Rourk. 2,540,633, Feb. 6.
Oxidized polypropylene and its use as plasticizer. L. A. Mikeska and D. W. Young. 2,554,259, May 22.
Oxidizer for black liquor. O. Kress. 2,570,460, Oct. 9.
Oxidizing fatty materials. H. O. Renner. 2,573,358, Oct. 30.
Oxidizing hydrocarbons, Method of. J. C. Walker. 2,577,053, Dec. 4.
Oximes, Producing. A. Z. Novotny and O. Wichterle. 2,562,205, July 31.
Oxo synthesis process. P. T. Parker and G. O. Hillard, Jr. 2,571,160, Oct. 16.
Oxy-penicillins. O. K. Behrens, R. G. Jones, Q. F. Soper, and J. W. Corse. 2,562,410, July 31.
Oxy substituted aminoindanones. R. V. Heinzelmann. 2,549,683, Apr. 17.
Oxyalkylated derivatives of certain intermediates obtained from certain carboxyl-containing xylene-soluble resins. M. De Groote and B. Keiser. 2,571,120, Oct. 16.
Oxyalkylated derivatives of certain resins, Certain. M. De Groote and B. Keiser. 2,564,192, Aug. 14.
Oxyalkylated derivatives of phenol-isanic acid-formaldehyde resins. M. De Groote and B. Keiser. 2,568,118, Sept. 18.
Oxyalkylated polymerization products of certain resins containing both hydroxyl and allyl radicals and making same. M. de Groote. 2,574,547, Nov. 13.

Oxybisphenylsulfonhydrazide. D. L. Schoene. 2,552,065, May 8.
Oxyethylated hydrophile derivatives of certain fractional esters of triricinolein. M. De Groote and B. Keiser. 2,576,285, Nov. 27.
Oxyfluoride glasses. K. Sun and M. L. Huggins. 2,578,325, Dec. 11.
Oxygen administration. A. E. McKee. 2,567,225, Sept. 11.
Oxygen administration system. A. E. McKee and J. D. Elsom. 2,567,224, Sept. 11.
Oxygen-BF_3-hydrocarbon complex catalyst. R. C. Wackher and C. B. Linn. 2,568,209. Sept. 18.
Oxygen converter, High-pressure liquid. W. A. Wildhack. 2,576,984, Dec. 4.
Oxygen converter, Liquid. W. A. Wildhack. 2,576,985, Dec. 4.
Oxygen demand pressure breathing regulator. H. P. Roth. 2,545,707, Mar. 20.
Oxygen generator. C. B. Jackson and R. M. Bovard. 2,558,756, July 3.
Oxygen liberating compositions. C. B. Jackson. 2,547,267, Apr. 3.
Oxygen process. H. J. Ogorzaly. 2,560,469, July 10.
Oxygen regulator. C. H. Sollmann. 2,575,366, Nov. 20.
Oxygen removal from absorption oils. H. Ernst, Jr. 2,543,838, Mar. 6.
Oxygen separation. H. J. Ogorzaly. 2,556,850, June 12.
Oxygenated compounds, Production of. H. J. Hagemeyer, Jr. 2,576,113, Nov. 27.
Oxygenated products from petroleum, Production of. G. E. Liedholm and J. T. Harlan, Jr. 2,544,271, Mar. 6.
Ozone generator. J. M. Daily. 2,561,014, July 17.
Ozone generator. A. C. James. 2,575,664, Nov. 20.
Ozonization of adducts of dehydroergosteryl esters. R. H. Levin. 2,575,350, Nov. 20.
P-aminobenzoyl-diethyl aminoethanol salts of steroids 3-monosulphates. S. A. V. Deans and J. A. Scarrow. 2,555,579, June 5.
P-N-mono- and disubstituted aminohydroxyalkylbenzoates and producing same. H. H. Guest. 2,561,468, July 24.
p-Phenylenediamines containing alkylacylamidoethyl or alkylacylamidoethoxy ring substituents. A. Weissberger, D. B. Glass, and P. W. Vittum. 2,552,241, May 8.
p-Phenylenediamines containing N-alkylacetamido ethyl substituent. A. Weissberger, D. B. Glass, and P. W. Vittum. 2,552,242, May 8.
P-tertiary-butyl phenol, Production of. S. P. Robinson. 2,578,597, Dec. 11.
Pack and jacket for the same, Florist's. H. Beukelman. 2,540,707, Feb. 6.
Package. S. R. Howard. 2,549,970, Apr. 24.
Package. G. A. Moore. 2,541,173, Feb. 13.
Package. H. Rumsey, Jr. 2,554,841, May 29.
Package. J. E. Snyder. 2,545,710, Mar. 20.
Package. J. E. Snyder. 2,554,157, May 22.
Package. T. B. Stue. 2,579,880, Dec. 25.
Package assorting machine. J. R. Sousa. 2,545,116, Mar. 13.
Package carrying and tightening device. M. O. Cremona. 2,561,911, July 24.
Package closing and sealing machine. R. W. Shaffee. 2,542,901, Feb. 20.
Package containing envelopes and writing paper. E. G. Overly. 2,551,390, May 1.
Package encased in plastic sheet material and making the same. H. Rumsey, Jr. 2,545,243, Mar. 13.
Package filler, Coin. J. W. Drury. 2,549,299, Apr. 17.
Package filling machine, Volumetric. L. M. Haugen. 2,540,259, Feb. 6.
Package for a belt. V. T. Howard. 2,576,070, Nov. 20.
Package for novelty items. W. G. Harvey. 2,568,625, Sept. 8.
Package for pills, tablets, and the like, Protective. A. M. Donofrio. 2,549,069, Apr. 17.
Package for whey concentrate and other dairy products. N. L. Simmons. 2,557,576, June 19.
Package handling and treating machine. H. A. Heyward. 2,543,968, Mar. 6.
Package handling apparatus. C. C. Aiken. 2,547,729, Apr. 3.
Package holder. P. M. Farmer. 2,563,928, Aug. 14.
Package inspecting machine using mirror structure. W. W. Peeples. 2,568,461, Sept. 18.
Package of box blanks. H. Audino. 2,572,584, Oct. 23.
Package of trays. N. L. Solomon. 2,546,875, Mar. 27.
Package selector and loader. E. S. Tascher and G. Brungard. 2,547,292, Apr. 3.
Package, Sterile suture tube. C. C. Adams. 2,549,040, Apr. 17.
Package, Surgical. C. C. Adams. 2,549,039, Apr. 17.
Package with improved tear-tape. D. R. Burton. 2,554,137, May 22.
Package wrapping mechanism. O. Sandberg. 2,578,948, Dec. 18.
Packaged unit for article handling. E. W. Van Patten. 2,566,385, Sept. 4.
Packaging. E. D. Andrews. 2,567,267, Sept. 11.
Packaging. E. F. Cadmus. 2,575,580, Nov. 20.
Packaging. C. M. Carson. 2,571,340, Oct. 16.
Packaging. B. A. Fairbank. 2,555,585, June 5.
Packaging. H. Jenett. 2,539,513, Jan. 30.
Packaging. H. J. O'Brien. 2,578,583, Dec. 11.
Packaging adhesive strips, Method of and machine for. L. L. Salfisberg. 2,563,071, Aug. 7.
Packaging and package, Method and apparatus for. C. E. Slaughter. 2,575,138, Nov. 13.
Packaging apparatus, Wire. C. E. McKinsey. 2,549,322, Apr. 17.
Packaging articles for handling. A. P. D. Belanger. 2,562,655, July 31.
Packaging beverage infusor units having string handles and tags. H. O. Irmscher. 2,577,765, Dec. 11.
Packaging cheese. E. E. Eldredge. 2,540,815, Feb. 6.
Packaging device, Shirt. T. A. Crossley. 2,550,333, Apr. 24.
Packaging flexible sheets, Method of and machine for. L. L. Salfisberg. 2,541,387, Feb. 13.
Packaging foodstuffs. W. A. Reed. 2,573,872, Nov. 6.
Packaging in stretched film. H. J. Osterhof. 2,549,122, Apr. 17.
Packaging machine. G. H. Rhodes and R. C. Lang. 2,555,816, June 5.
Packaging machine. T. Rapp. 2,566,677, Sept. 4.
Packaging machine having article receiving and transferring sections for handling articles in group formation. J. C. Bain and F. R. East. 2,544,125, Mar. 6.
Packaging machine, Sample. F. H. Thompson and W. D. Keith. 2,558,800, July 3.
Packaging machine, Straw. S. A. Franco. 2,563,404, Aug. 7.
Packaging material and packaging. H. Jenett. 2,577,249, Dec. 4.
Packaging member. R. E. Paige. 2,563,132, Aug. 7.
Packaging method. B. A. Fairbank. 2,555,584, June 5.
Packaging, Method and apparatus for. F. M. Deutsch, M. Warzinik, and A. M. Meier. 2,567,598, Sept. 11.
Packaging process. C. M. Carson. 2,579,415, Dec. 18.
Packaging sheet material. R. C. Zimmerman. 2,580,060, Dec. 25.
Packaging tacky isobutylene-diolefin rubber in film of compatible styrene-isobutylene copolymer. W. J. Sparks, F. P. Baldwin, and R. G. Newberg. 2,572,959, Oct. 30.
Packaging nuts. E. G. Nichols. 2,542,206, Feb. 20.
Packer assembly for overshots. D. W. Osmun. 2,559,315, July 3.
Packet for lip make-up applicators. L. J. Bouchard, J. Hammerslag, and J. Weiner. 2,547,252, Apr. 3.
Packing. W. M. De Witt, Sr. 2,562,262, July 31.
Packing and storage container. S. Vadner. 2,567,832, Sept. 11.
Packing assembly. R. H. Mueller. 2,537,230, Jan. 9.
Packing assembly. A. S. Parks. 2,567,527, Sept. 11.
Packing box. E. M. Rose and R. W. Epps. 2,566,500, Sept. 4.
Packing cord, beading cord, edge roll, or the like. W. S. Cook. 2,557,343, June 19.
Packing cylinder slide sheet. W. H. Fort. 2,569,467, Oct. 2.
Packing device for hydraulic fluid-tight sliding joints. R. L. Levy. 2,544,537, Mar. 6.
Packing finned pipe for shipping and handling. A. O. Hurxthal and G. W. O'Keeffe. 2,570,059, Oct. 2.
Packing flake materials, Method and apparatus for. E. H. Carruthers. 2,567,052, Sept. 4.
Packing flow preventing device. C. M. King. 2,555,647, June 5.
Packing food products. E. H. Carruthers. 2,575,703, Nov. 20.
Packing for fragile articles. E. L. Shepard. 2,564,729, Aug. 21.
Packing for valve rods. P. H. Knowlton, Jr. 2,536,814, Jan. 2.
Packing gland lubricator. O. L. Garretson. 2,555,640. June 5.
Packing machine. T. M. Pomeroy, Jr., and J. R. Graves. 2,549,004, Apr. 17.
Packing machine, Concrete block. Z. A. Babcock. 2,541,981, Feb. 20.
Packing machine for molten materials. C. O. Davis and U. P. Jennings. 2,540,610, Feb. 6.
Packing machine with means for feeding a bag over discharge end of chute carrying vegetables and common means for discharging vegetables into bag and filled bag into another chute. P. R. Pretzer. 2,540,489, Feb. 6.
Packing made of plastic material chiefly for pharmaceutical tubes. C. Nicolle. 2,578,445, Dec. 11.
Packing mechanism. C. D. Rice and G. G. Cook. 2,559,318, July 3.
Packing ring. P. I. Cole. 2,553,750, May 22.
Packing structure. J. F. Gall. 2,571,560, Oct. 16.
Packing swing. D. M. Yaupp. 2,561,260, July 17.

Pad: *See*—

Abrasive disk backup pad.	Knit ironing pad.
Absorbent pad.	Metatarsal pad.
Antislip pad.	Orthopedic pad.
Antislipping desk pad.	Polishing pad.
Automobile crash pad.	Removable endless track pad.
Corn pad.	
Electrically heated mattress pad.	Seat pad.
	Sectional pad.
Hernia pad.	Shoulder pad.
Injury pad.	Silencing pad.

Pad: *See*—Continued.
Soak pad.
Steel wool pad.
Ticket pad.
Truss pad.
Volatile fumigant pad.
Wear pad.
Pad and attaching clip, Combination protecting shipping. G. I. E. Hansen. 2,551,374, May 1.
Pad and cover, Ironing board. G. K. Pattison. 2,554,344, May 22.
Pad and holder, Ticket. E. M. Macdonald. 2,558,657, June 26.
Pad assembly, Sanding. A. C. Burleigh. 2,550,768, May 1.
Pad box. H. Gulbrandsen. 2,558,133, June 26.
Pad box. H. Gulbrandsen. 2,568,065, Sept. 18.
Pad dyeing. N. S. Cassel and A. T. Clifford. 2,543,718, Feb. 27.
Pad element for abrading machines. A. C. Burleigh. 2,546,087, Mar. 20.
Pad for athletic shoes, Protective. F. Vietas. 2,563,763, Aug. 7.
Pad for bowlers, Finger moistening. W. F. Megill. 2,539,029, Jan. 23.
Pad for curling rods. J. S., E. L., and O. A. Berman. 2,564,558, Aug. 14.
Pad for garments, Shoulder. J. K. Wilson. 2,546,807, Mar. 27.
Pad for treating corns and the like. P. R. Brachman. 2,539,115, Jan. 23.
Pad for use by steam pressers, Smoothing. A. O. Lovelace. 2,556,815, June 12.
Pad for wind instruments, Key. F. M. Schoemann. 2,540,760, Feb. 6.
Pad structure. J. F. Barnes. 2,558,166, June 26.
Padding for dry cleaner steam presses. C. G. Young and E. C. Holler. 2,539,714, Jan. 30.
Padding for packings and manufacturing the same. P. Tadinger. 2,575,898, Nov. 20.
Padding for presses or the like. C. G. Young and E. C. Holler. 2,539,715, Jan. 30.
Paddle. S. G. Stuckey. 2,543,879, Mar. 6.
Paddle, Dry rendering. N. E. Fazenbaker. 2,538,936, Jan. 23.
Paddle, Partition divided. H. O. Utes. 2,540,918, Feb. 6.
Paddle, Roll. W. A. Norman. 2,553,327, May 15.
Paddle, Swimming. E. V. Smith. 2,569,200, Sept. 25.
Padlock. A. Holan. 2,550,655, Apr. 24.
Padlock shield and shielded padlock assembly. W. G. Clevett. 2,541,638, Feb. 13.
Padlock slide fastener. J. M. Schaye. 2,569,076, Sept. 25.
Page control and page control release for typewriters. L. Yutang. 2,577,062, Dec. 4.
Page turner. T. C. Demers. 2,555,186, May 29.
Pail holder. C. E. Brownell. 2,565,448, Aug. 21.
Paint and brush saver. F. Vogel. 2,542,737, Feb. 20.
Paint and enamel mill. J. Cufflin. 2,539,729, Jan. 30.
Paint applicator. S. Whitlow. 2,561,162, July 17.
Paint applicator, Ceiling and wall. J. O. Lee. 2,577,339, Dec. 4.
Paint applying apparatus. L. Boddy and S. B. Atwood, Jr. 2,578,918, Dec. 18.
Paint, Asphalt. L. A. Winkler. 2,542,608, Feb. 20.
Paintbox. P. Lazare. Re. 23,322, Jan. 9.
Paintbrush for use in painting corner areas, Fountain. G. L. Heishman, Sr. 2,554,571, May 29.
Paintbrush, Fountain. W. C. Renne. 2,553,381, May 15.
Paintbrush, Fountain. M. Soss. 2,537,377, Jan. 9.
Paintbrush guide attachment. H. W. Heckman. 2,553,453, May 15.
Paintbrush press. L. V. Hook. 2,572,807, Oct. 23.
Paintbrush, Pressure. R. T. Epperson. 2,542,862, Feb. 20.
Paintbrush wiper. T. C. Tims. 2,560,398, July 10.
Paint bucket and brush holder. L. G. Sagen. 2,557,694, June 19.
Paint can attachment. D. F. Jorgensen. 2,564,979, Aug. 21.
Paint composition and preparing same. R. E. Madison. 2,573,038, Oct. 30.
Paint compositions. H. D. Erasmus and J. B. Culverston 2,572,252, Oct. 23.
Paint container holding device. G. W. Shinneman. 2,564,411, Aug. 14.
Paint distributor with roller applicator. J. P. Kaitul. 2,536,291, Jan. 2.
Paint heater. J. A. Bede. 2,576,558, Nov. 27.
Paint, Moisture setting. A. K. Schoepf. 2,558,665, June 26.
Paint, Mustard gas-resistant. H. Scherr and G. A. Little. 2,549,856, Apr. 24.
Paint pail cradle. L. W. Hamilton. 2,544,312, Mar. 6.
Paint remover. N. L. Baum and J. Wynkoop. 2,548,766, Apr. 10.
Paint remover, Electric. L. M. Carpenter. 2,579,726, Dec. 25.
Paint set, Water color. E. D. Davis. 2,565,912, Aug. 28.
Paint, Silver. R. B. Gray and R. H. Steele. 2,550,345, Apr. 24.
Paint stirrer and blender. A. S. Shaw. 2,579,874, Dec. 25.
Paint striping apparatus. A. L. Wells. 2,548,456, Apr. 10.
Paint supply system. F. E. Willison. 2,542,855, Feb. 20.
Painter, Ceiling. C. E. Cromwell. 2,548,653, Apr. 10.
Painter, Sash and trim. R. E. Allen and F. A. Murphy. 2,545,641, Mar. 20.
Painting apparatus. R. L. Walrath. 2,556,744, June 12.
Painting electrostatically nonconducting articles. V. W. Tolle and P. E. Ludy. 2,555,519, June 5.
Painting machine, Ball. S. M. Briggs, F. T. Driscoll and C. D. Smith. 2,569,705, Oct. 2.
Painting machine, Ball. F. T. Driscoll, C. D. Smith, and S. M. Briggs. 2,553,902, May 22.
Painting shoe buckles. A. T. Bibby and H. A. Dukett. 2,570,093, Oct. 2.
Paints, Aqueous emulsion. F. P. Hiron and P. J. Garner. 2,537,055, Jan. 9.
Paints, Fire-retardant. H. A. Scholz and E. E. Saville. 2,566,964, Sept. 4.
Paired-roll crushers with peripheral sizing pockets on each roll. T. J. Gundlach. 2,578,540, Dec. 11.
Pallet. O. F. Arthur. 2,554,355, May 22.
Pallet. P. S. Bolton and J. J. Aid. 2,559,930, July 10.
Pallet. W. W. Cushman. 2,544,657, Mar. 13.
Pallet. R. Vrabcak. 2,544,743, Mar. 13.
Pallet. G. E. Whalley. 2,536,587, Jan. 2.
Pallet construction. A. J. Farrar. 2,568,582, Sept. 18.
Pallet for cake or bar soap. O. T. Eames. 2,577,114, Dec. 4.
Pallet mounting structure, Portable. L. D. Johnson. 2,572,348, Oct. 23.
Pallet or skid adapted for lifting trucks and the like, Handling. S. R. McKim. 2,546,830, Mar. 27.
Pallet or skid for handling materials and adapted for use with lifting trucks. D. H. Bitney. 2,563,800, Aug. 14.
Pallet rack. S. Saul, Jr. 2,577,276, Dec. 4.
Pallet, Shipping. J. A. Farrell. 2,576,715, Nov. 27.
Pallet stacking device. T. C. Loose. 2,579,685, Dec. 25.
Pallet stone setting tool. A. B. Sinkler and E. Van Haaften. 2,564,650, Aug. 14.
Pallet type container. J. M. Phillips. 2,553,273, May 15.
Palleting arrangement for transporting devices. M. Batts. 2,555,529, June 5.
Palmer Roll polishing accessory. A. Goodman, Jr. 2,538,094, Jan. 16.
Pamphlet identifying device. J. D. Dewey. 2,576,783, Nov. 27.
Pan, Ash. F. D. Graham. 2,548,969, Apr. 17.
Pan, Baking. A. L. Langel and J. H. Debs. 2,556,927, June 12.
Pan, Detachable bucket drip. J. A. Nicholson. 2,550,713, May 1.
Pan, Drain. R. T. Anderson. 2,572,236, Oct. 23.
Pan for chain conveyers. A. R. and J. B. Long. 2,536,950, Jan. 2.
Pan, Foundry conveyer. P. C. Vogel. 2,547,293, Apr. 3.
Pan, Frying. T. B. Chace. 2,541,034, Feb. 13.
Pan greasing machine. D. J. Peeps. 2,576,638, Nov. 27.
Pan lifter. H. A. Schwartz. 2,555,376, June 5.
Pan, Multiple unit baking. R. S. Pyle. 2,563,067, Aug. 7.
Pan, Pie and cake. M. Clough. 2,570,524, Oct. 9.
Pan, Pie and cake. R. L. Hall. 2,578,929, Dec. 18.
Pan, Sectional baking. W. B. Putorak. 2,575,294, Nov. 13.
Pan spacer. E. F. Sperling. 2,549,341, Apr. 17.
Pane and screen sash, Flexible. C. J. Roos. 2,570,597, Oct. 9.
Panel and making the same, Trim. C. J. Davies. 2,550,455, Apr. 24.
Panel board. F. S. Green. 2,576,396, Nov. 27.
Panel construction. A. R. Clark. 2,554,359, May 22.
Panel construction. L. E. Medal. 2,576,530, Nov. 27.
Panel construction. L. H. Price, Sr. and H. A. Scarlett. 2,579,157, Dec. 18.
Panel construction and forming the same. J. Horsfall, R. M. Felsenthal, and A. J. Bowden. 2,543,970, Mar. 6.
Panel construction and mounting, Transparent. P. Pevney. 2,572,947, Oct. 30.
Panel construction, Display. P. L. Michael and K. L. Robison. 2,557,387, June 19.
Panel control. B. Lermont. 2,543,785, Mar. 6.
Panel cooling system. F. W. Chambers. 2,541,861, Feb. 13
Panel, Decorative. R. B. Faulk. 2,545,809, Mar. 20.
Panel, Electrically heated. W. G. Glendinning. 2,543,363, Feb. 27.
Panel, Filter. O. H. Schaaf. 2,567,030, Sept. 4.
Panel for groups of electrical devices, Supporting. F. C. McNicol. 2,553,667, May 22.
Panel for use in photographing movie titles and the like. E. R. Clark. 2,576,573, Nov. 27.
Panel for visible record equipment. M. B. Hall. 2,567,705, Sept. 11.
Panel for window ventilators. A. F. Fukal. 2,541,233, Feb. 13.
Panel holding apparatus. R. M. Tyndall. 2,536,239, Jan. 2.
Panel, Picture holding furniture. R. C. Bockus. 2,550,762, May 1.
Panel or door, Reinforced hollow structural. J. Rosenhagen. 2,538,330, Jan. 16.
Panel, Plywood. H. E. Malmstrom. 2,565,251, Aug. 21.
Panel scarfing machine. C. Uschmann and E. H. Jacobson. 2,555,382, June 5.
Panel secured installation. C. L. Hall. 2,537,930, Jan. 9.
Panel securing device. W. S. Miles. 2,563,479, Aug. 7.
Panel, Sliding. H. J. Klein. 2,553,459, May 15.
Panel structure and assembling panels on a support. R. C. Perkins. 2,578,085, Dec. 11.

Panel unit, Transparent. G. B. Watkins. 2,537,804, Jan. 9.
Paneling. F. Rienau and J. F. Germain. 2,569,902, Oct. 2.
Panoramic receiver. E. M. Williams. 2,538,068, Jan. 16.
Panoramic sight. G. Rattray. 2,546,111, Mar. 20.
Pantalet. J. C. Stein. 2,552,875, May 15.
Pantograph assembly. E. F. McCaleb. 2,562,727, July 31.
Pantographic marking machine. B. W. Schabot. 2,576,699, Nov. 27.
Pants, Baby. M. J. Toussie. 2,545,216, Mar. 13.
Pants for infants, Plastic. H. Feldman. 2,548,660, Apr. 10.
Pants guard and attachment for hangers. J. E. Black. 2,575,089, Nov. 13.
Panty. H. G. Hill. 2,568,545, Sept. 18.
Panty construction. A. S. Mann. 2,545,099, Mar. 13.
Panty, Drop seat. P. E. Rosenblatt. 2,538,848, Jan. 23.
Panty girdle. E. Simmons. 2,536,232, Jan. 2.
Panty, Infant's. B. E. Anderson. 2,555,434, June 5.
Panty-slip. J. R. Gulisano. 2,541,698, Feb. 13.
Paper and deodorant dispenser. P. J. Grant. 2,546,820, Mar. 27.
Paper and making same, Permanent. J. Studeny, J. D. Pollard, and C. G. Landes. 2,539,558, Jan. 30.
Paper and making the same, Grease-proof. W. W. Cowgill. 2,554,899, May 29.
Paper and pencil clip. N. T. Hooks. 2,549,200, Apr. 17.
Paper and producing same, Mineral-coated. G. E. Niles. 2,577,624, Dec. 4.
Paper and the manufacture thereof, Vapor barrier. G. A. Fasold and H. E. Callahan. 2,568,849–50, Sept. 25.
Paper bail mechanism for typewriters. C. W. Crumrine. 2,566,930, Sept. 4.
Paperboard animal trap. R. B. Worfford. 2,553,157, May 15.
Paper clamp. C. K. Ku. 2,573,913, Nov. 6.
Paper clip board. F. P. Robbins. 2,566,465, Sept. 4.
Paper closure member for paper containers. W. E. Amberg. 2,568,697, Sept. 25.
Paper coating adhesives, Production of. L. W. Porter and F. H. Jewett, II. 2,555,057, May 29.
Paper, composition therefor, and making same, Sized. P. B. Davidson. 2,549,177, Apr. 17.
Paper comprising single face corrugated board and integral fly webs, Wrapping. R. E. Lambert. 2,553,923, May 22.
Paper container. J. K. M. Harrison. 2,578,244, Dec. 11.
Paper container. G. F. O'Brien. 2,562,570, July 31.
Paper container lining machine. R. S. Condon. 2,579,907, Dec. 25.
Paper cutter. J. F. Cronin. 2,551,876, May 8.
Paper cutter. F. W. Seybold. 2,570,873, Oct. 9.
Paper-cutting machine. C. Tyler. 2,558,398, June 26.
Paper dispenser. E. Agamaite, Jr. 2,560,061, July 10.
Paper dispenser. E. S. Tuttle. 2,550,209, Apr. 24.
Paper, Facsimile recording. H. R. Dalton and A. G. Cooley. 2,555,321, June 5.
Paper fastener. J. D. Crary. 2,578,923, Dec. 18.
Paper fastener. C. S. Lynch. 2,571,044, Oct. 9.
Paper fastener. W. D. Striker. 2,570,166, Oct. 2.
Paper fastener. R. H. Wendt. 2,536,792, Jan. 2.
Paper fastener. T. F. Wold. 2,543,144, Feb. 27.
Paper feed mechanism. A. Pentecost and J. L. Sterling. 2,564,580, Aug. 14.
Paper feed mechanism for cupmaking machines. P. E. Wixon and C. E. Chapman. 2,565,162, Aug. 21.
Paper feeding and severing means for typewriting and like machines. F. Becker. 2,554,003, May 22.
Paper feeding, cutting, and registering mechanism. N. E. Funk. 2,546,221, Mar. 27.
Paper feeding device. F. Schwarzer. 2,545,387, Mar. 13.
Paper feeding machine. F. Schwarzer. 2,545,388, Mar. 13.
Paper feeding means for typewriting and like machines. W. F. Helmond. 2,555,645, June 5.
Paper gathering machine. C. W. Didde and D. A. Glaser. 2,568,224, Sept. 18.
Paper hanger's plumb bob. J. H. Mehaffey. 2,569,727, Oct. 2.
Paper holder. J. Balzak. 2,539,718, Jan. 30.
Paper holder for draftsmen. J. W. Wilt. 2,559,744, July 10.
Paper impregnating or saturating composition. J. J. Uber. 2,558,634, June 26.
Paper machinery. B. J. Koziol. 2,563,249, Aug. 7.
Papermaking apparatus. A. A. Lowe. 2,563,790, Aug. 7.
Papermaking machine and control therefor. S. A. Staege. 2,540,301, Feb. 6.
Papermaking machine flow box. E. W. Clem. 2,550,776, May 1.
Paper, Making moisture-resistant. C. H. Child. 2,539,183, Jan. 23.
Paper, Making wet strength. W. A. Schenck. 2,540,352, Feb. 6.
Paper, Manufacture of waterproof. A. G. Leonard, Jr. 2,544,887, Mar. 13.
Paper money sorting and counting machine. T. E. Hayes. 2,536,284, Jan. 2.
Paper piercer. E. Kaeser. 2,558,567, June 26.
Paper, Pigment coated. A. E. Young and E. K. Stilbert. 2,537,114, Jan. 9.
Paper product, Laminated. J. N. Bode. 2,576,278, Nov. 27.
Paper receptacle. D. E. Gillespie. 2,567,017, Sept. 4.
Paper roll breaker. J. A. Holmberg. 2,537,464, Jan. 9.
Paper roll holder. E. O. Bulman. 2,559,937, July 10.
Paper roll holder. A. F. Carlin. 2,557,371, June 19.
Paper roll holder. M. C. Duncan. 2,554,175, May 22.
Paper roll holder. H. J. Gove. 2,566,883, Sept. 4.
Paper roll holder. S. N. Hope. 2,555,885, June 5.
Paper roll holder. R. A. Williams. 2,568,877, Sept. 25.
Paper roll support. C. B. Blessing. 2,545,337, Mar. 13.
Paper, Rubberized abaca fiber. W. A. Hermanson. 2,541,763, Feb. 13.
Paper shredding apparatus. M. J. Klein. 2,549,973, Apr. 24.
Paper size. A. S. Erspamer. 2,541,692, Feb. 13.
Paper stock refining machine. H. D. Wells. 2,544,971, Mar. 13.
Paper storage and page end indicating attachment for typewriters. J. S. MacIntyre. 2,574,575, Nov. 13.
Paper strap forming machine. F. A. Grant. 2,562,454, July 31.
Paper supporting, feeding, and severing means for calculating and the like machines. C. H. Bradt. 2,555,728, June 5.
Paper tacking machine. H. Steinberg. 2,574,421, Nov. 6.
Paper-treating compositions, Urea-formaldehyde. J. C. Lehr, D. J. O'Flynn, and R. Y. Tompson. 2,557,299, June 19.
Paper weight indicating equipment. H. P. Kuehni. 2,552,189, May 8.
Papers and compositions for preparing same, Coated. G. R. Barrett. 2,576,914, Dec. 4.
Para-amino, gamma resorcylic acid and salts, and manufacture. K. Schoen. 2,572,284, Oct. 23.
Para-amino hydroxybenzamides. A. A. Goldberg and H. A. Walker. 2,554,186, May 22.
Parachute. H. and T. Kluglein. 2,575,387, Nov. 20.
Parachute. P. F. Smith. 2,559,804, July 10.
Parachute and crash harness, Combination. R. C. Heffernan and F. N. Dickerman. 2,542,248, Feb. 20.
Parachute assembly. H. J. Moran. 2,537,152, Jan. 9.
Parachute canopy release. E. E. Smith. 2,574,296, Nov. 6.
Parachute construction. J. F. Smith. 2,566,585, Sept. 4.
Parachute container. L. L. Irvin. 2,542,925, Feb. 20.
Parachute initial peak load reducer. D. B. Doolittle. 2,560,637, July 17.
Parachute load cushioning mechanism. W. H. Smith. 2,578,753, Dec. 18.
Parachute pack. G. B. Brown. 2,577,737, Dec. 11.
Parachute pack and release means therefor. G. B. Brown. 2,565,470, Aug. 28.
Parachute packing tool. F. F. Roll and S. Walek, Jr. 2,543,064, Feb. 27.
Parachute release, Automatic. R. A. Hoey. 2,562,459, July 31.
Parachute release mechanism. K. W. Johnson. 2,555,341, June 5.
Parachute, Rotating wing. V. Isacco. 2,545,736, Mar. 20.
Parachute, Variable vent. M. L. Taylor. 2,577,047–8. Dec. 4.
Parachute with stabilizing band. C. S. Kowalski. 2,562,799, July 31.
Paraffin remover. S. Irwin. 2,563,038, Aug. 7.
Paraffin scraper. I. T. Minyard. 2,539,354, Jan. 23.
Paraffin scraper. J. D. Walker. 2,575,307, Nov. 13.
Paraffin scraper stop. I. T. Minyard. 2,539,353, Jan. 23.
Paraffin scraping device. E. H. Christopher. 2,538,762, Jan. 23.
Paraffin wax, Stabilized. M. A. Joanen. 2,547,396, Apr. 3.
Paraffin waxes, Manufacture of. H. S. Burk. 2,568,946. Sept. 25.
Paraformaldehyde from formaldehyde. A. F. MacLean and W. E. Heinz. 2,568,017, Sept. 18.
Paraformaldehyde production with countercurrent concentration. R. L. Craven. 2,578,338, Dec. 11.
Para-hippurylamido salicylic acids and derivatives and manufacture. A. A. Goldberg and N. L. Thomas. 2,548,257, Apr. 10.
Parallax adjustment for dual cameras, Automatic. H. Gittins. 2,548,213, Apr. 10.
Parallax correction in color television. S. Hansen. 2,568,448, Sept. 18.
Parallel assembly of amplifiers. J. Nerhaut. 2,536,651, Jan. 2.
Parallel motion. E. A. Mastriani and K. Kulczycki. 2,575,456, Nov. 20.
Parallel motion roll crusher. O. R. Strawn. 2,579,767, Dec. 25.
Parallel screw clamp. M. I. Hill. 2,542,674, Feb. 20.
Parallel shank dual socket wrench. P. L. Huss. 2,574,212, Nov. 6.
Paralleling lens system. P. H. Taylor. 2,571,308, Oct. 16.
Para nitro or acetylamino salicylic acid chlorides. K. G. Rosdahl and J. Fekete. 2,541,939, Feb. 13.
Parasiticidal composition. O. H. Hammer. 2,579,428, Dec. 18.
Parasiticidal composition. E. E. Kenaga. 2,579,434, Dec. 18.
Parasiticidal compositions containing reaction products of mercapto acetic acid esters and perchloromethylmercaptan. R. S. Hawley. 2,553,778, May 22.

Parasiticidal compositions containing substituted dithiotrichloro methanes. R. S. Hawley and A. R. Kittleson. 2,553,777, May 22.
Parasiticidal compositions of olefins and perchloromethyl mercapton. A. R. Kittleson and H. L. Yowell. 2,553,772, May 22.
Parasiticidal compounds containing the $NSCCl_3$ group. A. R. Kittleson. 2,553,770, May 22.
Parasiticidal oils, Producing. R. C. Brandon and M. C. K. Jones. 2,553,355, May 15.
Parasiticidal steam-cracked oil emulsion concentrate. C. S. Carlson and M. W. Swaney. 2,570,023, Oct. 2.
Parasiticide composition. O. H. Hammer. 2,579,431, Dec. 18.
Para-tertiary amino aromatic aldehydes, Preparation of C. D. Wilson. 2,558,285, June 26.
Para xylene, Production of. J. H. Arnold. 2,541,682, Feb. 13.
Parchmentized paper dialytic membranes, Preparing. W. R. Steele and R. H. Sawens. 2,558,064, June 26.
Paring and shelling tool. C. S. Hall. 2,554,189, May 22.
Paring head for apple paring machines. R. A. Ganze. 2,550,800, May 1.
Paring machine, Vegetable. J. Hardt. 2,569,607, Oct. 2.
Paring or coring tool. P. A. Crandell. 2,577,406, Dec. 4.
Parka. T. Rinis. 2,560,598, July 17.
Parking meter. L. F. Lawson and E. H. Twarowski. 2,547,272, Apr. 3.
Parking meter. F. L. Sharp. 2,536,891, Jan. 2.
Parking meter coin discharge guiding construction. C. A. Clough, R. T. Trier, and R. D. Murphy. 2,570,920, Oct. 9.
Parking system. W. C. Brinton. 2,558,927, July 3.
Parking system, Aerauto. R. Mauriell, Sr. 2,560,393, July 10.
Parking system, Vehicle. J. T. McGraw. 2,573,587, Oct. 30.
Partial esters of polybasic sulfide carboxylic acids and making same. O. Albrecht. 2,576,899, Nov. 27.
Partial product machine. M. W. Grigsby and T. O. Mehan. 2,580,295, Dec. 25.
Partially hydrolyzed interpolymers of acrylonitrile with vinyl esters and products therefrom. A. F. Smith and H. B. Stevenson. 2,566,255, Aug. 28.
Particle form solid level indicator. F. G. Brockman and O. Centofanti. 2,541,743, Feb. 13.
Partition base clip. W. G. Baum. 2,576,557, Nov. 27.
Partition between premixing and combustion chambers for rockets, Hollow. R. H. Goddard. 2,551,115, May 1.
Partition construction. E. M. Fuller and C. W. Lund. 2,558,428, June 26.
Partition for the head end of a bed. W. St. Pierre. 2,555,905, June 5.
Partition, Safety. J. W. Held. 2,560,106, July 10.
Parts: *See*—
Device for positioning parts.
Pass case construction having removable envelopes. D. J. Broughton. 2,540,422, Feb. 6.
Passenger vehicle. R. G. F. Loewy. 2,536,194, Jan. 2.
Passenger vehicle. R. G. F. Loewy. 2,545,523, Mar. 20.
Paste applier with magazine, Dehorning. B. L. Golden and T. J. Sullivan. 2,580,169, Dec. 25.
Paste applier with self-closing valve. A. D. Robinson. 2,569,073, Sept. 25.
Paste, Aqueous printing. G. T. Douglas, A. Lowe, and S. Robinson. 2,565,358, Aug. 21.
Paste, Brazing. L. G. Klinker. 2,566,339, Sept. 4.
Paste mold. R. D. Smith. 2,555,712, June 5.
Paster for cigarette making machines. G. Dearsley. 2,549,579, Apr. 17.
Paster for wallpaper machines. A. Thomas. 2,545,905, Mar. 20.
Pastes of gas fume fading inhibitors for acetate silk dyes, Water-dispersible. F. H. Smith. 2,567,130, Sept. 4.
Pasting battery plates. M. F. Chubb. 2,555,301, June 5.
Pasting machine, Ticket. H. G. Tellfors. 2,547,508, Apr. 3.
Pasteurization method and apparatus, Milk. E. Mittelmann. 2,550,584, Apr. 24.
Pasteurizer with removable inner receptacle and sealing means therefor, Home. S. L. Struve and N. O. Welch. 2,569,958, Oct. 2.
Pasteurizing control system. C. F. Aldridge and C. L. Brown. 2,547,430, Apr. 3.
Pasteurizing device. T. Helme. 2,548,788, Apr. 10.
Pasteurizing liquids, Method and apparatus for. F. L. Steghart. 2,549,342, Apr. 17.
Pasteurizing, sterilizing, and steam distilling potable liquids. H. L. Murray. 2,539,264, Jan. 23.
Pastry products and preparation thereof. N. A. Hanau. 2,547,206, Apr. 3.
Pastry serving device. T. F. Hannigan. 2,538,154, Jan. 16.
Patch inserting tool. J. S. Morehead. 2,576,262, Nov. 27.
Patching plywood. P. F. Skoog. 2,536,665, Jan. 2.
Path charting apparatus. R. J. Duffin. 2,546,888, Mar. 27.
Path-indicating system for mobile craft. C. J. Hirsch. 2,572,725, Oct. 23.
Patter, Pastry. L. M. Warfel. 2,543,682, Feb. 27.
Pattern, Clothing. H. Collins. 2,553,847, May 22.
Pattern component emitter. J. W. Bryce and R. T. Blakely. 2,553,170, May 15.
Pattern control for knitting machines. W. Larkin. 2,555,140, May 29.
Pattern control means for knitting machines. J. C. Simmons, D. H. Setzer, and D. E. Mull. 2,552,742, May 15.
Pattern controlled machine tool. A. G. Plimmer. 2,559,089, July 3.
Pattern for molding ornamental plastic veneer. F. J. Gedminas. 2,567,843, Sept. 11.
Pattern layout device. C. C. Cahill and W. R. Schurter. 2,541,808, Feb. 13.
Pattern layout device. E. B. Sudhoff. 2,569,265, Sept. 25.
Pattern marker, Dress. L. L. Dritz. 2,570,328, Oct. 9.
Pattern sheet, Basic dress. R. M. Hare. 2,568,805, Sept. 25.
Patterned embossed glass, The manufacture of. A. J. Verheggen. 2,573,518, Oct. 30.
Patty forming machine, Ground meat. F. S. Elsaesser. 2,545,451, Mar. 20.
Patty forming machine, Hamburg steak. F. S. Elsaesser. 2,546,497, Mar. 27.
Pavement fracturing machine. A. B. Putnam. 2,537,702, Jan. 9.
Pavement lane marker. A. E. Brickman. 2,579,467, Dec. 25.
Paving block. W. E. Rownd. 2,545,046, Mar. 13.
Pawl type one-way brake. E. Capetta. 2,553,630, May 22.
Peak leveling circuit. R. C. Moore. 2,572,179, Oct. 23.
Peak reading measuring system. E. P. Ancona, Jr. 2,574,682, Nov. 13.
Peak-reading tuning indicator. J. B. Atwood. 2,571,650, Oct. 16.
Peanut butter, Stabilized. F. L. Avera. 2,552,925, May 15.
Peanut cleaner. D. M. Carter. 2,548,142, Apr. 10.
Peanut curing pole. E. D. Wright. 2,577,557, Dec. 4.
Pearl essence and manufacture. W. E. Decker. 2,555,224, May 29.
Pebble feeder. L. J. Weber. 2,544,575–6, Mar. 6.
Pebble heater. G. D. Ebbets and R. M. Hardgrove. 2,563,322, Aug. 7.
Pebble heater. H. J. Hepp and M. O. Kilpatrick. 2,559,957, July 10.
Pebble heater apparatus. L. J. Weber. 2,573,747, Nov. 6.
Pebble heating chamber. R. R. Goins. 2,536,436, Jan. 2.
Pebble heating chamber. S. P. Robinson. 2,538,472, Jan. 16.
Pebble heating chamber for pebble heaters. S. P. Robinson. 2,541,548, Feb. 13.
Pedal adjustment, Rudder. S. B. Williams. 2,562,974, Aug. 7.
Pedal arrangement, Tractor control. D. Roeder and H. L. Brock. 2,540,458, Feb. 6.
Pedal assembly for brake levers. F. B. Curtenius. 2,562,700, July 31.
Pedal, Bicycle. W. Gerner and G. Kraetsch. 2,568,443, Sept. 18.
Pedal extension. A. and M. W. Benedict. 2,536,903, Jan. 2.
Pedal for bicycles or the like. N. M. Rieger. 2,567,785, Sept. 11.
Pedal lift for velocipedes. R. L. F. McDonald. 2,548,988, Apr. 17.
Pedal lift gate. P. L. Newbold. 2,542,258, Feb. 20.
Pedal on a crank drive, especially for bicycles. E. Matthias and A. Utiger. 2,542,548, Feb. 20.
Pedal operated transmission control, Motorcycle foot. C. O. Erickson. 2,552,371, May 8.
Pedal rest, Accelerator. C. H. Schetzer. 2,567,529, Sept. 11.
Pedal yoke, Folding. A. P. Rippenbein. 2,536,466, Jan. 2.
Peelable protective coating. H. E. Smith. 2,543,557, Feb. 12.
Peeler and shredder, Multiple fruit. L. B. Maxwell. 2,574,794, Nov. 13.
Peeler, Citrus fruit. F. E. Moore. 2,549,326, Apr. 17.
Peeler, Resilient chain post. W. N. Darwin. 2,552,526, May 15.
Peeling apparatus, Fruit. R. Polk, Sr. and Jr. 2,562,818, July 31.
Peeling apparatus, Pear. L. W. Waters. 2,569,207, Sept. 25.
Peeling machine. B. W. Rutherford. 2,574,761, Nov. 13.
Peeling machine, Wood. W. J. B. Martin, E. L. Owen, and K. W. Brown. 2,558,574, June 26.
Peeling method and apparatus, Fruit. R. Polk, Sr., and R. Polk, Jr. 2,551,156, May 1.
Peener, Rotary. C. L. Dewey. 2,561,101, July 17.
Peening machine. S. S. Rickley. 2,539,205, Jan. 23.
Pelleted calcium oxide desiccant, Producing. W. W. Gary and R. A. Lovett. 2,548,780, Apr. 10.
Pelleting machine. R. Weston. 2,565,830, Aug. 28.
Pelletizing ore fines. F. D. De Vaney. 2,543,898, Mar. 6.
Pelorus. J. R. Oliver. 2,537,233, Jan. 9.
Pen and chair for children, Automobile. C. K. Shook. 2,546,790, Mar. 27.
Pen, Ball point. M. A. Ferst, L. H. Ashmore, and N. Sugarman. 2,551,490, May 1.
Pen, Ball point. M. J. Reed. 2,557,563, June 19.
Pen, Ball point fountain. F. E. Gruber. 2,565,556, Aug. 28.

Pen, Ball-pointed. H. D. Morris. 2,560,810–11, July 17.
Pen cap. P. Adams. 2,547,803, Apr. 3.
Pen, Collapsible play. J. Abel. 2,563,446, Aug. 7.
Pen, Drawing. M. A. de Sierra. 2,558,828, July 3.
Pen, Fountain. R. Boder. 2,541,685, Feb. 13.
Pen, Fountain. T. F. Brinson. 2,557,409, June 19.
Pen, Fountain. I. E. Cox. 2,557,634, June 19.
Pen, Fountain. R. R. Eratico. 2,551,106, May 1.
Pen, Fountain. H. R. Fehling. 2,536,923, Jan. 2.
Pen, Fountain. H. Goulot. 2,554,023, May 22.
Pen, Fountain. P. Kollsman. 2,554,335, May 22.
Pen, Fountain. J. W. Para. 2,548,906, Apr. 17.
Pen, Fountain. H. W. Quaintance. 2,567,618, Sept. 11.
Pen, Fountain. E. S. Sears. 2,554,641, May 29.
Pen, Fountain. E. S. Sears. 2,579,342, Dec. 18.
Pen, Fountain. E. Terrell. 2,542,267, Feb. 20.
Pen, Fountain. F. R. Wittnebert. 2,554,654, May 29.
Pen holder. C. A. Martin. 2,574,340, Nov. 6.
Penholder cap with ink container. M. Fried. 2,577,078, Dec. 4.
Pen, Infant's play. E. D. Boisselier. 2,563,915, Aug. 14.
Pen, Infant's play. M. F. Harris. 2,553,579, May 22.
Pen, Marking. S. N. Rosenthal. 2,547,541, Apr. 3.
Pen nib. E. Sokolik. 2,564,314, Aug. 14.
Pen or pencil pocket clip. E. P. Harold. 2,570,670, Oct. 9.
Pen, Play. B. C. Schindler. 2,571,297, Oct. 16.
Pen, Play. N. W. White. 2,573,526, Oct. 30.
Pen, Plunger-type fountain. L. E. Harbison. 2,572,476, Oct. 23.
Pen, Reservoir. A. Simoni. 2,565,667, Aug. 28.
Pen, Slaughtering. A. Wnetrzak. 2,537,387, Jan. 9.
Pencentage modulation control network. G. H. Brown and G. B. MacKimmie. 2,543,827, Mar. 6.
Pencil. A. Refsdal. 2,563,551, Aug. 7.
Pencil box. D. Primak. 2,543,258, Feb. 27.
Pencil, China marking. E. H. Seibert. 2,570,496, Oct. 9.
Pencil clip. C. N. Johnson. 2,579,080, Dec. 18.
Pencil clip. C. Merryman. 2,555,985, June 5.
Pencil, Gravity and inertia fed. H. T. Hallberg. 2,561,113, July 17.
Pencil holder. M. Klaar. 2,575,591, Nov. 20.
Pencil lead pointing or sharpening device. T. Itano. 2,540,528, Feb. 6.
Pencil lead sharpening device. T. Itano. 2,558,902, July 3.
Pencil lead sharpening machine. H. L. R. Adams. 2,569,548, Oct. 2.
Pencil, Lettering. A. Felice. 2,569,374, Sept. 25.
Pencil, Magazine. S. B. Harris. 2,561,509, July 24.
Pencil, Mechanical. H. W. Sams. 2,564,727, Aug. 21.
Pencil, Mechanical compass. L. G. Cherne. 2,573,760, Nov. 6.
Pencil, Multicolor. W. Schmieglitz. 2,561,824, July 24.
Pencil, Multicolor refillable. W. Chatelain. 2,575,096, Nov. 13.
Pencil pointer. E. L. Cayo. 2,540,320, Feb. 6.
Pencil sharpener. H. H. Ewald. 2,563,015, Aug. 7.
Pencil sharpener. H. M. McClure. 2,543,554, Feb. 27.
Pencil sharpener, Electrically driven. H. R. Duchesneau. 2,561,438, July 24.
Pencil, Slide rule. G. L. Cherymisin. 2,570,642, Oct. 9.
Pencil, Telescoping. P. W. Buell. 2,571,830, Oct. 16.
Pencil with automatic feed mechanism. H. Brooks. 2,539,116, Jan. 23.
Pencil with lead advancing and tensioning mechanism. H. Becker and Z. Melnikoff. 2,565,715, Aug. 28.
Pencil with lead sharpening device, Mechanical. W. E. Brady. 2,548,649, Apr. 10.
Pencil with slidable lead carriers, Plural. W. Bossert. 2,562,231, July 31.
Pendulous bobbin holder. F. G. De Santis. 2,556,684, June 12.
Pendulum compensator. R. T. Cloud. 2,577,875, Dec. 11.
Pendulum device. G. V. Rylsky. 2,572,766, Oct. 23.
Pendulum drift indicator. E. G. Peebles. 2,563,359, Aug. 7.
Pendulum level indicator. W. V. Von Arx. 2,554,133, May 22.
Pendulum level with transparent indicators. F. J. Allgeo. 2,544,438, Mar. 6.
Penetrating wood-finishing composition. F. H. Lyons. 2,576,797, Nov. 27.
Penicillenate esters, Preparation of. E. F. Rogers, R. F. Phillips, C. H. Shunk, F. R. Koniuszy, and K. Folkers. 2,538,126, Jan. 16.
Penicillin aluminum alkoxides. J. B. Conn. 2,564,565, Aug. 14.
Penicillin anhydrides. D. E. Cooper. 2,577,699, Dec. 4.
Penicillin-diisopropylether complex and preparation thereof. R. P. Buhs and N. R. Trenner. 2,538,081, Jan. 16.
Penicillin, Manufacturing. G. H. Brown and R. A. Bierwirth. 2,536,676, Jan 2.
Penicillin production. D. R. Colinsworth. 2,538,721, Jan. 16.
Penicillin production. G. W. Parsons. 2,568,360, Sept. 18.
Penicillin salt. H. W. Rhodehamel, Jr. 2,567,679, Sept. 11.
Penicillin salt suspensions. H. C. Miller. 2,544,272 Mar. 6.
Penknife. P. H. Unsinger. 2,558,399, June 26.
Pentachlorostyrene and polymers thereof. M. Markarian. 2,569,131, Sept. 25.
Pentachlorothiolane and producing the same. H. L. Coonradt and H. D. Hartough. 2,549,576, Apr. 17.
Pentaenes, Manufacture of. O. Isler. 2,540,118, Feb. 6.
Pentaerythritol, Manufacture of. H. S. Jackson and G. G. Jones. 2,562,102, July 24.
Pepsinogen and pepsin, Preparation of. E. P. Kennedy and M. D. Grossnickle. 2,567,378, Sept. 11.
Perambulator and auto seat, Child's. W. P. King. 2,574,743, Nov. 13.
Perambulator for invalids. N. Hack. 2,539,577, Jan. 30.
Perch, Bird cage. G. Guarino. 2,570,663, Oct. 9.
Perch for fowl, Exercise. B. J. Gass. 2,539,348, Jan. 23.
Perchlorethylene, Producing. O. Fruhwirth and H. Walla. 2,538,723, Jan. 16.
Perchloromethyl mercaptan and its separation from the various sulfur compounds, Manufacture of. M. J. Kamlet. 2,545,285, Mar. 13.
Perchloromethyl mercaptan, Continuous process for manufacture of. E. O. Ohsol, C. S. Carlson, and B. E. Hudson, Jr. 2,575,290, Nov. 13.
Percolator and like liquid heating devices, Coffee. F. L. Best. 2,562,763, July 31.
Percolator, Coffee. H. P. Serio. 2,557,317, June 19.
Percolator, Electric. P. D. Blewett. 2,548,647, Apr. 10.
Percussion drill. E. E. Davis and W. M. Booth. 2,559,012, July 3.
Percussion drill bit body. A. H. and J. H. Alexander. 2,575,438, Nov. 20.
Percussive tool. M. A. Stutz. 2,545,245, Mar. 13.
Perfluorination of hydrocarbons with lead tetrafluoride. E. T. McBee and R. M. Robb. 2,567,569, Sept. 11.
Perfluoro dinitriles. E. T. McBee and P. A. Wiseman. 2,554,786, May 29.
Perforating and marking machine. S. Waxelbaum. 2,536,333, Jan. 2.
Perforating apparatus. J. L. De Boo. 2,545,198, Mar. 13.
Perforating apparatus, Electrical. J. W. Meaker. 2,545,208, Mar. 13.
Perforating sheet material, Method and apparatus for. G. F. Wales. 2,553,615, May 22.
Perforator, Inking. C. E. Faulkner. 2,556,687, June 12.
Perfume case. W. M. Muchow. 2,552,207, May 8.
Perfume containing painting. J. Fenyo. 2,577,320, Dec. 4.
Period timing mechanism. C. V. Bates. 2,571,185, Oct. 16.
Periodic high-voltage impulse generator. A. A. Varela. 2,542,066, Feb. 20.
Periodic interrupter for direction signals with voltage compensation. B. F. Bailey. 2,560,539, July 17.
Periodic reverse current electroplating apparatus. G. W. Jernstedt. 2,558,090, June 26.
Peripherally sealed joint. R. Fennema. 2,539,614, Jan. 30.
Periscope for motor vehicles. T. C. Martin. 2,570,357, Oct. 9.
Periscope seal. W. J. Gilbert, Sr. 2,568,392, Sept. 18.
Periscope, Vehicle. A. D. Campbell. 2,551,243, May 1.
Periscopic sextant. V. E. Carbonara. 2,579,903, Dec. 25.
Peristaltic pump. B. G. Copping. 2,544,628, Mar. 6.
Peristereoscopic printer for multiple image negatives. M. Bonnet. 2,567,633, Sept. 11.
Permanent hair waving. M. H. Schwarz. 2,540,494, Feb. 6.
Permanent magnet and manufacture thereof. C. Guillaud. 2,576,679, Nov. 27.
Permanent magnet dynamoelectric machine with automatic keeper. C. A. Thomas. 2,540,845, Feb. 6.
Permanent magnet type electric generator. M. W. Brainard. 2,564,320, Aug. 14.
Permanent wave device, Electric. M. Suter and C. Chedister. 2,536,668, Jan. 2.
Permanent waving compositions and methods. E. G. McDonough. 2,577,710, Dec. 4.
Permanent waving compositions and methods. E. G. McDonough. 2,577,711, Dec. 4.
Permeable materials and making same. R. S. Adams. 2,546,624, Mar. 27.
Permutation and combination mechanism. F. G. Nicolaus. 2,579,241, Dec. 18.
Permutation lock. S. Fenari. 2,546,182, Mar. 27.
Permutation lock. H. C. Miller. 2,575,674, Nov. 20.
Permutation switch. H. Haskett. 2,577,681, Dec. 4.
Peroxide catalyzed polymerization of ethylene in the presence of a phenolic compound. L. Schmerling. 2,566,537–8, Sept. 4.
Peroxide liquid antiseptics. E. A. Brown, M. H. Gorin, and H. A. Abramson. 2,542,898, Feb. 20.
Peroxide-polyester catalyst composition. H. L. Gerhart and W. H. Lycan. 2,554,567, May 29.
Perspective drafting machine. D. M. Moore. 2,559,222, July 3.
Perspective rectification enlarger. C. W. Graham. 2,564,303, Aug. 14.
Pessary. M. R. Mayer. 2,551,618, May 8.
Pessary. O. L. Schmitt. 2,564,177, Aug. 14.
Pessary. E. Sokolik. 2,553,428, May 15.
Pessary. G. Stubbs. 2,574,767, Nov. 13.
Pessary and manipulating handle assembly. G. L. De Bray and A. Morgan. 2,540,325, Feb. 6.
Pessary, Diaphragm type. H. A. Sheen. 2,580,133, Dec. 25.
Pessary package. E. Holtman. 2,538,197, Jan. 16.

Pest combating compositions. M. Geiger, E. Usteri, and A. Ruperti. 2,547,261, Apr. 3.
Pest control compositions and producing them. D. A. Skinner and E. L. Wampler. 2,557,519, June 19.
Pest control using a sulfurized halogenated petroleum distillate. J P. Buckmann. 2,573,953, Nov. 6.
Pesticidal composition comprising a zinc salt of petroleum sulphonic acids. A. Minich and M. Nowak. 2,573,862, Nov. 6.
Pesticidal compositions comprising an alkyl aryl sulfide. D. A. Skinner and E. L. Wampler. 2,557,520, June 19.
Pet carrier. A. Halpin. 2,538,778. Jan. 23.
Pet feeder. C. F. Block. 2,554,086, May 22.
Petrographic slide holder. M. H. Logan and A. O. Criswell. 2,549,830, Apr. 24.
Petroleum residua, Deashing. E. E. Davis. 2,545,806, Mar. 20.
Petroleum sulfonates, Water-soluble. C. E. Wilson. 2,543,885, Mar. 6.
Petticoat, Woman's. L. B. Cooley. 2,574,861, Nov. 13.
Pharmaceutical capsule sizing device with volumetric capacity varying means. G. A. Burkett. 2,574,727, Nov. 13.
Pharmaceutical intermediates. E. E. Moore and M. B. Moore. 2,543,187, Feb. 27.
Pharmaceutical kit. J. A. Core. 2,542,397, Feb. 20.
Pharmaceutical means for facilitating the making of suppositories or the like. A. Allison. 2,549,559, Apr. 17.
Pharmaceutical methionine composition. H. Greenberg. 2,556,688, June 12.
Pharmaceutical preparations, Making. E. Kronisch. 2,575,175, Nov. 13.
Phase and frequency modulation system. L. T. Bird. 2,543,222, Feb. 27.
Phase angle and power factor meter. G. A. Armstrong. 2,577,992, Dec. 11.
Phase balancing apparatus. S. B. Crary. 2,546,725, Mar. 27.
Phase comparator for horizontal sweep deflection circuit K. R. Wendt. 2,564,588, Aug. 14.
Phase comparator utilizing hall effect. N. P. Millar and R. A. Warner. 2,543,640, Feb. 27.
Phase-comparison carrier-current relay. S. L. Goldsborough and J. L. Blackburn. 2,539,416, Jan. 30.
Phase converting circuit. R. B. Kerr. 2,546,126, Mar. 20.
Phase detector. J. C. Tellier and A. R. Alter. 2,554,391, May 22.
Phase discriminator. K. F. Ross. 2,557,038, June 12.
Phase inverter circuit. H. A. Broos. 2,561,047, July 17.
Phase inverter circuit. K. Enslein. 2,571,431, Oct. 16.
Phase maintaining system. B. Fisk and C. L. Spencer. 2,564,682, Aug. 21.
Phase microscopy with reflected light. H. Osterberg and H. Jupnik. 2,553,108, May 15.
Phase modulated wave generator. J. C. Ferguson. 2,553,566, May 22.
Phase modulation. M. A. McCoy. 2,559,023, July 3.
Phase modulator. A. Kreithen. 2,551,802, May 8.
Phase modulator. A. Schlang. 2,563,964, Aug. 14.
Phase or frequency modulation system. M. E. Mohr. 2,549,505, Apr. 17.
Phase relationship adjuster. L. A. Smith. 2,536,102, Jan. 2.
Phase rotation and polarity testing instrument. R. A. Huse and F. W. Gay. 2,566,726, Sept. 4.
Phase sensitive demodulator. P. F. Hawley. 2,562,912, Aug. 7.
Phase sensitive measuring and controlling apparatus. R. F. Wild. 2,569,268, Sept. 25.
Phase shift system. R. B. Dome. 2,566,876, Sept. 4.
Phase shifter, Electronic. R. C. Palmer. 2,563,954, Aug. 14.
Phase shifter, Saturable reactor. A. J. Hornfeck. 2,559,158, July 3.
Phase shifter, Variable. W. C. Morrison. 2,547,767, Apr. 3.
Phase shifter, Wave guide. W. A. Tyrrell. 2,546,840, Mar. 27.
Phase shifting apparatus. E. H. B. Bartelink. 2,548,855, Apr. 17.
Phase shifting circuit. H. L. Kellogg and R. W. Kuenning. 2,555,975, June 5.
Phase shifting control circuit. D. F. Langenwalter. 2,537,767, Jan. 9.
Phase shifting device. E. M. Purcell. 2,564,030, Aug. 14.
Phase shifting system. W. Few. 2,578,235, Dec. 11.
Phenethylamine compounds, Preparation of. W. H. Hartung. 2,567,906, Sept. 11.
Phenol-aldehyde-amine condensation products. E. A. Barr, Jr. 2,552,025, May 8.
Phenol-aldehyde sealing agent and making the same. S. S. Kurtz, Jr. and J. S. Sweeley. Re. 23,393, July 24.
Phenol by oxidation of benzene, Production of. G. G. Joris. 2,546,639–40, Mar. 27.
Phenol formaldehyde resins. W. Krumbhaar. 2,545,150, Mar. 13.
Phenol-formaldehyde resins containing ketene polymers of higher fatty acids, Acylated. B. E. Sorenson. 2,544,365, Mar. 6.
Phenol-modified acetone resins. C. F. Schrimpe. 2,538,883, Jan. 23.
Phenolsulfonamides. M. E. Hultquist and W. B. Wright, Jr. 2,563,725, Aug. 7.
Phenolic adhesive and bonding wood plies. C. C. Heritage. 2,574,784, Nov. 13.
Phenolic color formers. A. B. Jennings. 2,537,138, Jan. 9.
Phenolic intercondensation resins and making same. E. E. Novotny and G. K. Vogelsang. 2,566,851, Sept. 4.
Phenolic molding resins. T. F. Clark. 2,545,446, Mar. 20.
Phenolic resin and making the same. R. Palmer. 2,563,614, Aug. 7.
Phenolic resin blends, Plasticized. R. G. Newberg and D. W. Young. 2,540,592, Feb. 6.
Phenolic resin composition and products produced therefrom. W. C. Weltman and C. J. Straka. 2,579,637, Dec. 25.
Phenolic resins, Modified. H. S. Bloch. 2,570,513, Oct. 9.
Phenols, Preparation of. V. Molinari and H. G. Affholter. 2,578,823, Dec. 18.
Phenothiazine powders, Water-dispersible. C. A. Littler. 2,540,131, Feb. 6.
Phenoxyalkyl bromide, Preparing. L. S. Luskin. 2,569,423, Sept. 25.
Phenoxyethyl quaternary ammonium salts. L. H. Bock and L. S. Luskin. 2,547,365, Apr. 3.
Phenyl amino benzoyl alkanoic acids. R. R. Burtner and H. A. Arbit. 2,555,955, June 5.
Phenylaminopropandiols. H. M. Crooks, Jr., M. C. Rebstock, J. Controulis, and Q. R. Bartz. 2,538,763, Jan. 23.
Phenylchlorosilanes, Preparation of. W. A. Schwenker. 2,579,341, Dec. 18.
Phenylcyanamides and obtaining the same. C. K. Banks and J. Controulis. 2,559,061, July 3.
Phenyl-penicillins, Substituted. O. K. Behrens, R. G. Jones, Q. F. Soper, and J. W. Corse. 2,562,409, July 31.
Phenylserinol, Preparation of. G. W. Moersch. 2,538,792, Jan. 23
Phenyl silicates from phenols and SiS_2, Preparing. J. B. Culbertson, H. D. W. Erasmus, and R. M. Fowler. 2,569,746, Oct. 2.
Phenylstibonic acid salts of arecoline. P. L. Kartsonis and J. A. Austin. 2,557,353, June 19.
Phenyltrichlorosilane, Production of. W. H. Daudt. 2,576,448, Nov. 27.
Phenylation of methacrylic acid. I. J. Wilk and M. A. Spielman. 2,571,639, Oct. 16.
Phenylenediacetate ester. P. V. Smith, Jr., and F. Knoth, Jr. 2,570,038, Oct. 2.
Phenylene linked organopolysilanes. A. J. Barry. 2,557,931, June 26.
Phenyl-oxo-aminoalkynes. J. O. Van Hook and W. J. Croxall. 2,539,801, Jan. 30.
Phonograph. K. L. Bunyard. 2,580,071, Dec. 25.
Phonograph. B. R. Carson and K. J. Magnusson. 2,539,656, Jan. 30.
Phonograph. C. B. Dale. 2,579,175, Dec. 18.
Phonograph. D. C. Rockola. 2,569,115, Sept. 25.
Phonograph and reeling system therefor, Magnetic. T. M. Shrader. 2,557,012, June 12.
Phonograph apparatus. W. E. Rudolph. 2,558,060, June 26.
Phonograph, Automatic. A. R. Erbe. 2,539,409, Jan. 30.
Phonograph, Automatic. O. Gierwiatowski. 2,572,609, Oct. 23.
Phonograph, Automatic. C. G. Johnson. 2,545,359, Mar. 13.
Phonograph, Automatic. F. M. Johnson. 2,544,230, Mar. 6.
Phonograph, Automatic. A. M. Kasnowich. 2,545,361, Mar. 13.
Phonograph, Automatic record changing. A. E. and A. G. Ristau. 2,546,136, Mar. 20.
Phonograph, Check controlled. G. F. Starnes. 2,574,598, Nov. 13.
Phonograph control arrangement. R. S. Cranmer. 2,577,876, Dec. 11.
Phonograph control mechanism. R. M. Somers. 2,537,194, Jan. 9.
Phonograph controller, Selective. L. J. Andres. 2,551,522, May 1.
Phonograph controls, Multiple coin-operated. F. Sager. 2,577,272, Dec. 4.
Phonograph exhibitor. G. C. Sontag and R. M. Wick. 2,539,676, Jan. 30.
Phonograph having a fast rewind mechanism, Magazine-type magnetic. L. J. Anderson. 2,568,601, Sept. 18.
Phonograph mechanism. C. D. Gahagan. 2,561,466, July 24.
Phonograph mechanism, Automatic record-changing. J. Fox. 2,557,645, June 19.
Phonograph on-off control. G. F. Braun. 2,567,318, Sept. 11.
Phonograph pickup. A. L. Ketchum. 2,578,809, Dec. 18.
Phonograph pickup and mechanical motion converting system therefor. R. H. Dreisbach. 2,564,054, Aug. 14.
Phonograph pickup, Dual stylus. N. F. Martin. 2,570,578, Oct. 9.
Phonograph pickup, Dual stylus. J. A. Tourtellot. 2,548,082, Apr. 10.
Phonograph pickup for multispeed record players, Dual stylus. C. R. Miner and E. J. Zikmund. 2,554,209, May 22.

Phonograph pickup having a cantilever indexing arm. E. O. Peterson and C. R. Miner. 2,554,208, May 22.
Phonograph pickup having a quadrilateral crystal with only one corner free to flex. C. D. O'Neal. 2,547,227, Apr. 3.
Phonograph pickup having an armature support within the pickup coil, Magnetic. W. A. Fuller. 2,553,573, May 22.
Phonograph pickup head with two pairs of pole pieces, Magnetic. H. H. Bruderlin. 2,554,696, May 29.
Phonograph pickup, Magnetic. E. E. Masterson. 2,560,358, July 10.
Phonograph pickup mounting. J. F. Gordon. 2,569,305, Sept. 25.
Phonograph pickup mounting. C. R. Miner. 2,557,752, June 19.
Phonograph pickup, Resistance-type. N. E. Washburn. 2,568,673, Sept. 18.
Phonograph-picture exhibitor. A. Bustanoby. 2,561,971, July 24.
Phonograph record cabinet. L. J. Purcell. 2,567,966, Sept. 18.
Phonograph, Record changer. K. R. Bender. 2,545,643, Mar. 20.
Phonograph, Record changing. E. Wennerbo. 2,549,272, Apr. 17.
Phonographic record changing apparatus. O. Wahtera and K. R. Scribner. 2,565,413, Aug. 21.
Phonograph record containing vinyl chloride-vinyl acetate copolymer and a resinous extract of pinewood, Molded. C. L. Parker. 2,563,414, Aug. 7.
Phonograph record disks, Reprocessing. D. F. Balmer. 2,539,717, Jan. 30.
Phonograph record envelope. S. W. McCart. 2,574,050, Nov. 6.
Phonograph record filing cabinet. Z. G. Haygood. 2,536.547, Jan. 2.
Phonograph record holder. F. C. Minardi. 2,562,112, July 24.
Phonograph record molding compositions and records. J. W. Ayers. 2,572,798, Oct. 23.
Phonograph record storage cabinet. L. J. Purcell. 2,574,757, Nov. 13.
Phonograph reproducing device. S. A. Hall. 2,572,139, Oct. 23.
Phonograph start-stop switch. H. J. Adler and M. Z. Mroz. 2,552,757, May 15.
Phonograph stylus of small effective tip radius. E. F. McClain, Jr. 2,573,723, Nov. 6.
Phonograph system. L. Z. La Forest. 2,539,515, Jan. 30.
Phonograph system, Automatic. F. C. Filo and A. P. Marcus. 2,570,930, Oct. 9.
Phonograph tone arm. R. S. Cranmer. 2,557,176, June 19.
Phonograph tone-arm actuator. T. F. Hannigan. 2,573.328, Oct. 30.
Phonograph tone-arm indexing mechanism. H. E. F. C. Lingenbrink. 2,563,653, Aug. 7.
Phonograph turntable drive. B. Williamson and B. Hunsaker. 2,564,290, Aug. 14.
Phonograph turntable, Universal. J. D. Reid. 2,577,035, Dec. 4.
Phonograph turntable, Variable-speed. E. A. Hermsen. 2,579,145, Dec. 18.
Phonographic machine, Reel-type. R. M. Somers. 2,536,666, Jan. 2.
Phonographic reproducer, Acoustically filtered. J. Hornbostel. 2,541,163, Feb. 13.
Phonographic translating device. L. Z. La Forest. 2,553,140, May 15.
Phonographic translating device for recording and reproducing. L. Z. La Forest. 2,572,495, Oct. 23.
Phosphate coatings on metal surfaces, Production of. R. F. Drysdale. 2,554,139, May 22.
Phosphate fertilizers, Manufacture of mixed. V. Ettel. 2,557,730, June 19.
Phosphate glass. F. H. Mackenzie. 2,574,047, Nov. 6.
Phosphate glass compositions, Making. A. A. Markson. 2,572,362, Oct. 23.
Phosphate glass, High index. N. J. Kreidl. 2,544,460, Mar. 6.
Phosphate materials, Production of. H. De Bruijn and M. H. R. J. Plusje. 2,555,634, June 5.
Phosphate product and making same. R. W. Liddell. 2,569,936, Oct. 2.
Phosphates of amylaceous polysaccharides. R. L. Lohmar, Jr. 2,575,352, Nov. 20.
Phosphatide composition. S. A. Karjala. 2,555,137, May 29.
Phosphatides, Preparation of. S. A. Karjala and F. W. Riley. 2,555,972, June 5.
Phosphatizing ferriferous surfaces. E. Snyder and F. P. Heller. 2,552,874, May 15.
Phosphor and making. R. Nagy and R. W. Wollentin. 2,563,901, Aug. 14.
Phosphor and making. R. W. Wollentin and R. Nagy. 2,563,900, Aug. 14.
Phosphoric acid catalyst on a precalcined silico-phosphoric acid base, Preparation of. J. M. Mavity. 2,575,457, Nov. 20.
Phosphoric acid catalyzed thiophene alkylation and gravity separation of resultant products. C. F. Gerald and G. R. Donaldson. 2,570,542, Oct. 9.
Phosphoric acid esters, Preparing. A. Bell and K. C. Brannock. 2,571,656, Oct. 16.
Phosphoric acid or metal phosphate catalysts on precalcined carriers and their preparation. R. F. Deering. 2,569,092, Sept. 25.
Phosphors, Infrared. D. W. Lyon. 2,569,939–40, Oct. 2.
Phosphors, Infrared. D. W. Lyon. 2,570,136, Oct. 2.
Phosphorus- and nitrogen-containing compounds. J. E. Malowan. 2,544,706, Mar. 13.
Phosphorus- and sulfur-containing materials, Preparation of. H. J. Andress, Jr. 2,537,926, Jan. 9.
Phosphorus-containing resins and preparing the same. A. D. F. Toy. 2,572,076, Oct. 23.
Phosphorus oxychloride, Producing. P. Dupont. 2,570,924, Oct. 9.
Phosphorus oxysulfides, Production of. J. C. Pernert. 2,577,207, Dec. 4.
Phosphorus sulfide treated phenol sulfonic acid salts. J. G. McNab and D. T. Rogers. 2,556,848, June 12.
Phosphorus sulfides, Producing. O. C. Jones. 2,569,128, Sept. 25.
Phosphorus sulfochloride, Production of. H. Jonas and W. Thraum. 2,575,316–17, Nov. 13.
Photocatalytic manufacture of benzene hexachloride. A. J. Kolka. 2,558,363, June 26.
Photocell. H. J. Nachod. 2,543,048, Feb. 27.
Photocell. S. Pakswer and J. J. Benes, Jr. 2,538,588, Jan. 16.
Photocell aging. A. L. M. A. Rouy. 2,550,381, Apr. 24.
Photochemical chlorination of hydrocarbons. W. S. Beanblossom. 2,566,052, Aug. 28.
Photochemical chlorination of hydrocarbons. A. Loverde and W. S. Beanblossom. 2,566,065, Aug. 28.
Photochemical formation of benzene hexachloride. L. Berl. 2,572,002, Oct. 23.
Photochemical hydrobromination of olefins. A. E. Lacombe, D. Harman, and W. E. Vaughan. 2,540,126–7, Feb 6
Photochemical oxidation of nicotine. L. Weil. 2,543,817, Mar. 6.
Photochemical preparation of polyphenylalkanes. R. B. Thompson. 2,555,518, June 5.
Photochemical production of benzene hexachloride. H. L. de Waal. 2,550,046, Apr. 24.
Photochemical production of benzene hexachloride. W. A. La Lande, Jr., M. E. Aeugle, and G. Molyneux. 2,569,677, Oct. 2.
Photochlorination of polybutadiene. R. J. Reid. 2,537,630, Jan. 9.
Photocomposing machine. T. Hommel. 2,547,527, Apr. 3.
Photocopy machine. E. R. Sabel and F. I. Galbrecht. 2,547,979, Apr. 10.
Photocopying machine. F. Blick. 2,548,936, Apr. 17.
Photoelectric cathodes, Making. A. Sommer. 2,574,356, Nov. 6.
Photoelectric exposure meter. J. Mihalyi. 2,556,431, June 12.
Photoelectric meter-scanning apparatus. H. M. Johnson. 2,550,818, May 1.
Photoelectric modulator. A. Nyman. 2,561,219, July 17.
Photoelectric paring apparatus. A. L. Henderson. 2,565,727, Aug. 28.
Photoelectric tube. H. Lems. 2,553,197, May 15.
Photoelectric tube shielding means. F. Boyce. 2,565,716, Aug. 28.
Photoengraving screen holder. M. H. Sussin. 2,564,934, Aug. 21.
Photoflash control system. P. S. Hoffman. 2,577,683, Dec. 4.
Photoflash lamp. F. G. Brockman. 2,560,924, July 17.
Photogram printer with a point light source and arcuate reflector. F. D. Fousek. 2,575,621, Nov. 20.
Photogrammetric apparatus. L. G. Trorey. 2,537,718, Jan. 9.
Photograph developing machine. A. Izzi. 2,545,031, Mar. 13.
Photograph frame. E. V. Nelson. 2,541,600, Feb. 13.
Photograph identification. N. Champion. 2,543,353, Feb. 27.
Photographic apparatus. M. N. Fairbank. 2,538,511, Jan. 16.
Photographic apparatus. M. N. Fairbank. 2,543,160, Feb. 27.
Photographic apparatus. J. E. Klein. 2,540,124, Feb. 6.
Photographic apparatus. E. H. Land. 2,543,180, Feb. 27.
Photographic apparatus. E. H. Land. 2,558,858, July 3.
Photographic apparatus. E. H. Land. 2,563,343, Aug. 7.
Photographic apparatus. E. H. Land. 2,576,022, Nov. 20.
Photographic apparatus. W. Rowe and C. M. Adler. 2,573,278, Oct. 30.
Photographic apparatus. W. W. Ward. 2,556,784, June 12.
Photographic apparatus. O. E. Wolff, M. N. Fairbank, and C. O. Rolando. 2,554,890, May 29.
Photographic apparatus for successively copying each side of a document. A. E. Schubert. 2,578,320, Dec. 11.
Photographic color correction process. J. A. C. Yule. 2,578,333, Dec. 11.
Photographic color film. R. G. Horner. 2,566,664, Sept. 4.
Photographic color process, Direct positive. G. E. Fallesen and R. E. Stauffer. 2,566,180, Aug. 28.
Photographic contact printing apparatus. J. E. Griffin. 2,559,766, July 10.

Photographic contrasts, Producing. J. G. Bos, C. J. Dippel, H. J. Houtman, K. J. Keuning, and S. Wijtzes. 2,571,670, Oct. 16.
Photographic contrasts, Producing. J. G. Bos, N. H. Haack, C. J. Dippel, and K. J. Keuning. 2,571,671, Oct. 16.
Photographic copy board. J. D. Maxwell. 2,545,964, Mar. 20.
Photographic copying apparatus. M. H. Goldschein. 2,557,097, June 19.
Photographic copying apparatus. J. Halahan, F. A. Lyon, L. H. Mortimer, and T. F. Aronson. 2,565,074, Aug. 21.
Photographic copying apparatus. E. L. Johnson. 2,559,770, July 10.
Photographic copying apparatus. E. L. Johnson and H. Sollner. 2,536,289, Jan. 2.
Photographic developer containing morpholine, Fine grain. G. L. Steans. 2,550,617, Apr. 24.
Photographic developer containing substituted sulfonamide groups. A. Weissberger and D. B. Glass. 2,566,271, Aug. 28.
Photographic developer containing thallium salts. J. E. Bates. 2,572,903, Oct. 30.
Photographic developer dispensing element. E. H. Land. 2,558,856, July 3.
Photographic developer element. E. H. Land. 2,558,857, July 3.
Photographic direct positive matrix process. A. Marriage. 2,566,234, Aug. 28.
Photographic drier. O. W. Sauter. 2,548,824, Apr. 10.
Photographic element and process utilizing antibronzing agents. J. D. Kendall and D. J. Fry. 2,573,027, Oct. 30.
Photographic element with colloid layer containing color former and nonionic wetting agent. A. B. Jennings and O. W. Murray. 2,577,127, Dec. 4.
Photographic emulsion, Light-sensitive. W. K. A. Koerber and D. M. A. Van Goethem. 2,546,642, Mar. 27.
Photographic emulsions, Mixed grain. J. J. Chechak. 2,544,640, Mar. 13.
Photographic emulsions, Mixed grain. L. Godowsky, Jr. 2,548,526, Apr. 10.
Photographic emulsions peptized with zein. W. G. Lowe. 2,563,791, Aug. 7.
Photographic emulsions, Preparation of. O. E. Schupp, Jr. 2,579,016, Dec. 18.
Photographic emulsions, Sensitized. J. J. Jennen and W. Michaelis. 2,544,322, Mar. 6.
Photographic enlarger. W. D. Thompson. 2,540,017, Jan. 30.
Photographic enlarging apparatus, Automatic. R. Pasquet. 2,555,897, June 5.
Photographic film cartridge, Light-tight. J. Mihalyi. 2,552,200, May 8.
Photographic film handling and drying frame. H. A. Durst. 2,550,048, Apr. 24.
Photographic film transporter. D. Flekel. 2,562,708, July 31.
Photographic film unit containing a liquid, Hinged. E. H. Land. 2,565,377, Aug. 21.
Photographic fitting method. H. Booth. 2,563,451, Aug. 7.
Photographic holder. M. Schwartz and W. Castedello. 2,573,655, Oct. 30.
Photographic image receiving sheet. W. J. McCune, Jr. 2,563,387, Aug. 7.
Photographic images, Production of multicolor. J. H. Coote. 2,555,681, June 5.
Photographic-imbition dye printing process. W. J. Weyerts. 2,537,924, Jan. 9.
Photographic light control. A. R. Paulet and C. R. Wheeler. 2,561,535, July 24.
Photographic light-sensitive diazo element. A. B. Jennings and O. W. Murray. 2,551,133, May 1.
Photographic light sensitive elements containing azanol dyes. A. W. Anish and L. C. Hensley. 2,545,421, Mar. 13.
Photographic lighting bank. G. A. McCullough. 2,551,753, May 8.
Photographing machine, Document. R. M. Hessert and F. J. Schutt. 2,537,529, Jan. 9.
Photographic masking process. S. S. Fierke. 2,571,698, Oct. 16.
Photographic material containing dialkylaminobenzylidene filter dye. G. H. Keyes, A. H. Herz, and L. G. S. Brooker. 2,538,009, Jan. 16.
Photographic materials, Bichromate sensitized. R. S. Bryce. 2,544,877, Mar. 13.
Photographic method and apparatus. D. B. McLaughlin and G. S. Perkins. 2,549,699, Apr. 17.
Photographic objective. W. Lotmar. 2,536,508, Jan. 2.
Photographic objective comprising five components in axial alignment, High aperture corrected. G. H. Aklin. 2,559,836, July 10.
Photographic objective consisting of three simple elements and a cemented triplet therebehind. G. H. Aklin. 2,574,995, Nov. 13.
Photographic objective, Four-lens. A. W. Tronnier. 2,573,511, Oct. 30.
Photographic objective, Four-lens triplet type. A. W. Tronnier. 2,573,512, Oct. 30.
Photographic objective having four axially air spaced components, Highly corrected. L. Bertele. 2,549,159, Apr. 17.
Photographic positive-producing light sensitive element and process. E. H. Land. 2,565,376, Aug. 21.
Photographic print drying and mounting apparatus. D. H. Hester. 2,572,148, Oct. 23.
Photographic print washer. W. H. Richards. 2,539,475, Jan. 30.
Photographic printing apparatus. R. D. and R. S. Price. 2,537,548, Jan. 9.
Photographic process for dyeing of textile materials. S. C. Slifkin. 2,541,178, Feb. 13.
Photographic processing device, Automatic. D. R. Newton and R. W. Niles. 2,542,830, Feb. 20.
Photographic product. E. H. Land. 2,544,268, Mar. 6.
Photographic product. E. H. Land. 2,565,378, Aug. 21.
Photographic product and apparatus. O. E. Wolff. 2,554,889, May 29.
Photographic product and process. E. H. Land. 2,559,643, July 10.
Photographic product and process. E. H. Land. 2,563,342, Aug. 7.
Photographic product comprising a fluid processing agent and apparatus for use in connection therewith. E. H. Land. 2,572,357, Oct. 23.
Photographic product comprising a rupturable container carrying a photographic processing liquid. E. H. Land. 2,543,181, Feb. 27.
Photographic product containing a rupturable container. E. H. Land. 2,579,587, Dec. 25.
Photographic retouching machine. O. Vandewege. 2,543,616, Feb. 27.
Photographic sensitizing dyes comprising a benzoxazole nucleus. G. H. Keyes and L. G. S. Brooker. 2,575,018, Nov. 13.
Photographic sensitizing dyes, Making. J. H. Dessauer and M. A. Insalaco. 2,578,677, Dec. 18.
Photographic shutter, Electrically operated. F. P. Willcox. 2,572,229, Oct. 23.
Photographic shutter mechanism. F. P. Willcox. 2,553,394, May 15.
Photographic shutter with built-in flash synchronizer. F. A. G. and G. P. Pirwitz and J. H. Sutton. 2,575,121, Nov. 13.
Photographic silver halide developing solutions containing calcium precipitation inhibitors. R. W. Henn and J. I. Crabtree. 2,541,470, Feb. 13.
Photographic silver halide element with mordanted dye layer. R. H. Sprague and L. G. S. Brooker. 2,548,564, Apr. 10.
Photographic silver halide emulsion containing color coupler. P. L. J. R. Merckx. 2,540,401, Feb. 6.
Photographic silver halide emulsion supersensitized with a benzimidazole base. B. H. Carroll and J. Spence. 2,566,167, Aug. 28.
Photographic silver halide emulsions and developers containing 5-acyloxypyrazole color formers. E. L. Martin. 2,575,182, Nov. 13.
Photographic silver halide emulsions containing 4-hydroxy quinolines. J. D. Kendall and D. J. Fry. 2,578,655, Dec. 18.
Photographic silver-halide emulsions sensitized with azamerocyanine dyes. T. R. Thompson. 2,572,961, Oct. 30.
Photographic slide viewer. C. F. Flynn. 2,580,164, Dec. 25.
Photographic spool. D. M. Paterson. 2,578,262, Dec. 11.
Photographic strip developing apparatus. F. D. Singer. 2,553,014, May 15.
Photographs in blue-black tones and compositions thereof, Production of. H. C. Harsh. 2,553,500, May 15.
Photolithographic plate inking, drying, and developing machine. H. A. Coughlin. 2,555,874, June 5.
Photometer. G. F. Laing. 2,574,571, Nov. 13.
Photometric apparatus. A. C. Hardy. 2,562,910, Aug. 7.
Photo-multiplier circuit. L. F. Wouters. 2,554,933, May 29.
Photooxidation of aliphatic olefinic hydrocarbons. V. R. Gray and H. Steiner. 2,558,844, July 3.
Photopolymerization process and compositions. C. C. Sachs and J. Bond. 2,548,685, Apr. 10.
Photopolymerization process and photopolymerizable compositions of matter. C. C. Sachs and J. Bond. 2,579,095, Dec. 18.
Photoprint washer. W. A. Lenz. 2,577,136, Dec. 4.
Photoprinting and developing apparatus, Automatic. V. Kunstädter. 2,574,215, Nov. 6.
Photoprinting apparatus. W. C. Huebner. 2,560,696, July 17.
Photoresistive translating device. J. N. Shive. 2,560,606, July 17.
Photosensitive device. F. C. Brown. 2,542,115, Feb. 20.
Photosensitive planographic plate. D. A. Newman. 2,570,262, Oct. 9.
Photosensitive transfer. T. S. Reese. 2,544,237, Mar. 6.
Photothermography, Fusion. A. Murray. 2,552,209, May 8.
Phthalate ester composition, Mixed. J. Levy and C. H. Lighthipe. 2,537,595, Jan. 9.
Phthalocyanines containing quaternary or ternary salt groups and synthesis thereof, Water-soluble. N. H. Haddock and C. Wood. 2,542,327–8, Feb. 20.
Physically enlarging a photographic color transparency. W. J. Nagel. 2,575,970, Nov. 20.
Piano action. A. P. Brown. 2,542,306–9, Feb. 20.

Piano action. W. S. Finholm. 2,540,871, Feb. 6.
Piano action. W. S. Finholm. 2,577,573, Dec. 4.
Piano action. S. K. Ketterman. 2,550,153, Apr. 24.
Piano action. L. Messant. 2,571,155, Oct. 16.
Piano action. C. F. Stein. 2,554,129, May 22.
Piano action and pedal assembly, Upright. H. T. Scott-Huntington. 2,571,298, Oct. 16.
Piano action, Upright. A. F. Knoblaugh. 2,548,890, Apr. 17.
Piano hammer press. J. K. Booth. 2,568,909, Sept. 25.
Piano playing device. V. D. Hill. 2,569,525, Oct. 2.
Piano resonating chamber. H. O. Crippen, Sr. 2,570,102, Oct. 2.
Piano tuning, Electronic. C. Andersen. 2,538,184, Jan. 16.
Pickpocket protector. S. A. Schechter. 2,536,469, Jan. 2.
Pickproof pin tumbler lock. H. Spiegler. 2,565,531, Aug. 28.
Pickup arm. J. E. Vistain, Jr. 2,568,671, Sept. 18.
Pickup assembly and relief member therefor, Dual purpose. B. N. Fisher. 2,572,712, Oct. 23.
Pickup auger for small grain elevators. M. W. Roscoe and R. L. Beldin. 2,569,871, Oct. 2.
Pickup device for harvesters. E. G. Melroe. 2,570,065, Oct. 2.
Pickup device having a force transmitting carrier link of viscous material. A. J. Ansar. 2,565,837, Aug. 28.
Pick-up device, Magnetic. J. F. Emerson. 2,554,246, May 22.
Pickup device, Trash. W. H. Krummel, Jr. 2,564,907, Aug. 21.
Pickup element, Variable resistance. M. B. Luke. 2,545,737, Mar. 20.
Pickup for electric organs. V. I. Zuck. 2,542,611, Feb. 20.
Pickup for magnetic recorders, Vibratile. M. Rettinger. 2,574,708, Nov. 13.
Pickup for pressure indicators, Capacitative. F. M. Reynst. 2,547,780, Apr. 3.
Pickup for stringed musical instruments, Magnetic. T. M. McCarty. 2,567,570, Sept. 11.
Pick-up for transmission lines, Directive. W. W. Mumford. 2,562,281, July 31.
Pickup for vibrations, Electric. L. A. Maas. 2,553,927, May 22.
Pickup guard. R. E. Goesch. 2,577,324, Dec. 4.
Pickup having multistyli, Magnetic. M. Weil. 2,553,492, May 15.
Pickup having torsion rods, Recording. D. F. Balmer and F. E. Runge. 2,543,655, Feb. 27.
Pickup head using torsional mount for armatures. D. J. Baker. 2,547,361, Apr. 3.
Pickup, Power line signal. R. Adler. 2,553,734, May 22.
Pickup tube residual scanning eliminator. P. K. Weimer. 2,575,477, Nov. 20.
Pickup unit for guitars, Magnetic. G. E. Morrison. 2,557,754, June 19.
Pickup with reed of magnetic material. D. J. Baker. Re. 23,327, Jan. 16.
Picker and loader, Rock. S. Fry. 2,564,805, Aug. 21.
Picker check for looms, Spindle. G. Crompton, Jr. 2,557,863, June 19.
Picker construction. J. H. Chadbourne. 2,564,424, Aug. 14.
Picker control for label-applying machines. S. T. Carter. 2,573,182, Oct. 30.
Picker, Cranberry. C. I. Brateng. 2,544,443, Mar. 6.
Picker for fly shuttle looms. G. M. Huguley. 2,576,790, Nov. 27
Picker mounting means. C. L. Huffman. 2,569,994, Oct. 2.
Picker, Poultry. C. B. Mueller, Jr. 2,543,372, Feb. 27.
Picker shaft supporting means. A. Millette. 2,547,652, Apr. 3.
Picker stick. E. A. Towns. 2,553,153, May 15.
Picker stick check. E. H. Ashton and A. N. Zwanziger. 2,557,023, June 12.
Picker stick check. H. Frohman. 2,550,798, May 1.
Picker stick check. S. K. Taylor. 2,549,262, Apr. 17.
Picker stick hold-down device. H. Hoeber. 2,548,432, Apr. 10.
Picker stick linkage. G. H. Hufferd. 2,566,890, Sept. 4.
Picker stick linkage and hydraulic check. G. H. Hufferd. 2,540,673, Feb. 6.
Picker stick linkage, Toggle-type. G. H. Hufferd. 2,566,891, Sept. 4.
Picker stick motion, Spring propelled. W. G. Trautvetter. 2,564,383, Aug. 14.
Picking cam mounting. F. G. Lake. 2,564,335, Aug. 14.
Picking mechanism for looms. W. A. Blanchard. 2,564,747, Aug. 21.
Picking mechanism for looms. C. R. Kronoff. 2,538,530, Jan. 16.
Picking shoe. W. A. Blanchard. 2,564,748, Aug. 21.
Picking shoe for looms. C. P. Bergstrom and A. Palmer. 2,580,152, Dec. 25.
Pickling. J. T. Mayhew. 2,574,049, Nov. 6.
Pickling machine, Portable. R. C. Hopkins. 2,548,793, Apr. 10.
Pickling of aluminum. E. R. Zademach and W. W. Clarke. 2,541,901, Feb. 13.
Pickling of metals. R. O. Zerbe. 2,547,193, Apr. 3.
Pickling or liquor-processing articles. J. C. Mills. 2,550,077, Apr. 24.
Pickling treatment. A. R. Stargardter. 2,564,549, Aug. 14.
Pickling tubes, Method of and apparatus for. C. G. Watson. 2,580,371, Dec. 25.
Picnic table and bench assembly, Collapsible. R. E. Hagan. 2,568,622, Sept. 18.
Picolinic acid recovery. B. B. Corson and G. S. Black. 2,578,672, Dec. 18.
Picture card, Envelope frame. S. Bly. 2,576,667, Nov. 27.
Picture carrier for opaque projectors. J. D. Frick. 2,555,439, June 5.
Picture, Changeable. J. Eisner. 2,554,098, May 22.
Picture, Character. P. A. Riley. 2,577,270, Dec. 4.
Picture device, Three dimension. A. L. Foley. 2,565,553, Aug. 28.
Picture frame. S. A. Lieberman. 2,556,283, June 12.
Picture frame. G. Paschal. 2,540,907, Feb. 6.
Picture frame. J. N. Scism. 2,539,167, Jan. 23.
Picture frames, Making. J. W. Berg. 2,536,713, Jan. 2.
Picture mount or portfolio. R. J. Bender. 2,538,894, Jan. 23.
Picture signal mixer circuit. L. F. Mayle. 2,539,454, Jan. 30.
Picture viewing device. J. J. Dilks. 2,572,602, Oct. 23.
Pie crust trimming and scalloping device. M. di Domenico. 2,580,081, Dec. 25.
Pie edge crimper. V. S. Paschis. 2,577,032, Dec. 4.
Pie lock. L. M. Thiac and A. J. Petivan, Jr. 2,546,800, Mar. 27.
Piepan, Double. M. F. Johnson. 2,570,060, Oct. 2.
Piepan, Nonspill. E. Hildebrandt. 2,540,731, Feb. 6.
Piece goods, Packaged. I. J. Mishkin. 2,550,285, Apr. 24.
Piercing device. A. E. Gasdia. 2,570,055, Oct. 2.
Piercing nuts and other articles. R. L. Wilcox. 2,540,852, Feb. 6.
Piezoelectric crystal and controlling its frequency response characteristics. B. E. Parker. 2,551,848, May 8.
Piezoelectric crystal apparatus. D. M. Ruggles. 2,546,321, Mar. 27.
Piezoelectric crystal circuit arrangement. W. S. Mortley. 2,551,809, May 8.
Piezoelectric crystal holder. H. W. Brown, Jr. 2,559,494, July 3.
Piezoelectric crystal system. E. L. Minnich. 2,542,045, Feb. 20.
Piezoelectric device. A. M. Wiggins and F. S. Lewis. 2,540,851, Feb. 6.
Piezoelectric device constructed of pentaborate crystal. H. Jaffe. 2,554,332, May 22.
Piezoelectric device of ammonium pentaborate crystal. L. B. Chambers. 2,554,324, May 22.
Piezoelectric phonograph pickup. J. E. Cordes. 2,575,999, Nov. 20.
Piezoelectric strain gauge. W. H. Janssen. 2,558,563, June 26.
Piezoelectric transducer and producing same. R. Adler. 2,540,412, Feb. 6.
Pigment bases, High-density, free-flowing. D. C. Peck. 2,544,636, Mar. 6.
Pigment complex, including a reacted starch, Production of a. W. L. Craig. 2,573,677, Nov. 6.
Pigment compositions for pad dyeing. J. M. Kuhn. 2,539,914, Jan. 30.
Pile fabric. E. F. Clark. 2,578,173, Dec. 11.
Pile fabric. R. C. Gebert and H. J. Eberwein. 2,571,860, Oct. 16.
Pile fabric. G. J. Underwood and A. J. Ammerall. 2,571,077, Oct. 9.
Pile fabric. G. J. Underwood and A. J. Ammerall. 2,571,087, Oct. 9.
Pile fabric cutter. A. T. Herron. 2,554,529, May 29.
Pile fabric loom. S. McKnight. 2,559,507, July 3.
Pile fabrics, Making. J. Crawford. 2,553,303, May 15.
Pile fabrics, Making. H. L. Shuttleworth. 2,575,029, Nov. 13.
Pile feeder. I. F. Niles. 2,549,630, Apr. 17.
Pile of T-rails and building. D. W. Grazier. 2,580,224, Dec. 25.
Pile regulator. J. D. Miner, Jr., and H. D. Else. 2,542,826, Feb. 20.
Pile structure and making same. J. R. Montague. 2,555,359, June 5.
Pile wire and weaving pile fabrics. F. P. Groat. 2,546,261, Mar. 27.
Piling. G. Meier. 2,539,456, Jan. 30.
Piling equipment for structural material. E. T. Peterson. 2,559,460, July 3.
Pillbox and like container of small articles. H. H. Goldstaub. 2,549,681, Apr. 17.
Pillow and case, Articulated. J. J. Tobias. 2,577,595, Dec. 4.
Pillow, Beach. J. L. Wolf. 2,563,700, Aug. 7.
Pillow block. G. L. Meyers. 2,580,119, Dec. 25.
Pillowcase. S. S. Rand. 2,545,970, Mar. 20.
Pillow for prone posture sleeping. C. M. O'Brien. 2,556,629, June 12.
Pillow with sun visor, Inflated beach. E. H. Kleiser, Jr. 2,561,931, July 24.
Pilot, Aircraft automatic. J. R. Maroni. 2,553,597, May 22.
Pilot, Airplane automatic. R. Brannin. 2,553,546, May 22.
Pilot, Automatic. O. E. Esval and C. A. Frische. 2,539,411, Jan. 30.

Pilot, Automatic. R. J. Kutzler. 2,571,260, Oct. 16.
Pilot, Automatic. C. M. Young and R. L. Wanamaker. 2,570,905, Oct. 9.
Pilot bit. J. C. Stokes. 2,540,464, Feb. 6.
Pilot burner. H. B. Donley. 2,579,370–2, Dec. 18.
Pilot chute attached to rim of master parachute. L. P. Frieder and W. S. Finken. 2,553,909, May 22.
Pilot controlled diaphragm type fluid control device. H. B. Drapeau. 2,550,917, May 1.
Pilot controlled distributing valve. H. R. Forsmark. 2,539,241, Jan. 23.
Pilot for aircraft, Automatic. R. S. Brannin, P. Halpert, and G. F. Jude. 2,567,922, Sept. 18.
Pilot for gas burners, Safety. G. A. Peterson. 2,578,087, Dec. 11.
Pilot for vaporizing burners. J. L. Breese. 2,579,293, Dec. 18.
Pilot for vaporizing oil burners, Downdraft. H. B. Donley. 2,549,067, Apr. 17.
Pilot gas regulator. C. O. Glasgow. 2,578,005, Dec. 11.
Pilot guide. L. W. Stanfield. 2,556,229, June 12.
Pilot lamp mounting. H. P. Allen. 2,545,508, Mar. 20.
Pilot-operated relief valve. W. D. Teague, Jr. 2,573,231, Oct. 30.
Pilot operated valve. E. J. Dillman. 2,566,173, Aug. 28.
Pilot seat ejector for aircraft. M. J. O. Lobelle. 2,579,683, Dec. 25.
Pilot structure. H. B. Donley. 2,549,068, Apr. 17.
Pilot system, Radio controlled. F. L. Moseley. 2,576,135, Nov. 27.
Pilot unit for relief valves. W. E. Renick. 2,580,128, Dec. 25.
Pilot valve. D. G. Griswold. 2,564,529, Aug. 14.
Pilot valve. R S. Williams. 2,540,467, Feb. 6.
Pilot with frictional precession and electric follow-up control, Automatic. F. A. Hayes. 2,559,298, July 3.
Piloting system, Height. A. Germaix. 2,563,405, Aug. 7.
Pin: *See*—
Automatic locking coupling pin.
Bobby pin.
Coupling pin.
Film spool centering pin.
Flexible laterally restrained center pin.
Map marking pin.
Medullary pin.
Metal-reenforced plastic bowling pin.
Plug pin.
Pronged wire pin.
Safety pin.
Sagger pin.
Shear pin.
Pin and lock, Cutting chain. C. J. Forbes. 2,558,213, June 26.
Pin and snap tie rack. G. Incampo. 2,553,710, May 22.
Pin curl clip. C. R. Cochran. 2,577,452, Dec. 4.
Pincushion and implement holder. A. Siren. 2,547,669, Apr. 3.
Pin for a salvo game, Perforated board and push. R. K. Achen. 2,579,454, Dec. 25.
Pin for hair dressing, Bob. W. H. Rothe. 2,543,642, Feb. 27.
Pin for parachute harness quick-release, Self-locking coupling. W. B. Edmondson. 2,557,084, June 19.
Pin guide and securing means for surgical nail and pin directing apparatus. M. F. Stephens. 2,536,963, Jan. 2.
Pin handling mechanism for bowling pin setting machines. R. E. Rundell. 2,574,936, Nov. 13.
Pin hold-down mechanism. K. T. Davis. 2,554,664, May 29.
Pin installation for well drilling cutter assemblies, Removable. K. H. Swart. 2,557,619, June 19.
Pinlock. R. C. Osgood. 2,564,919, Aug. 21.
Pinlock. A. Pasquale. 2,554,055, May 22.
Pin punch guide. J. E. Morvey. 2,561,879, July 24.
Pin retainer. B. Steensen. 2,562,649, July 31.
Pin retainer, Wrist. G. D. Angle. 2,568,478, Sept. 18.
Pin retaining means. H. H. Wolfe. 2,544,288, Mar. 6.
Pin setting machine. C. E. Goff. 2,547,203, Apr. 3.
Pin setting machine. A. M. MacFarland. 2,550,835, May 1.
Pin-setting machine. E. W. Young. 2,542,956, Feb. 20.
Pin setting machine, Power-operated semiautomatic. M. H. Wright. 2,565,834, Aug. 28.
Pin setting mechanism for bowling alleys. S. A. Frye. 2,550,919, May 1.
Pin structure, Expansible. H. Lyon. 2,566,573, Sept. 4.
Pin tumbler and bit key lock, Combined. P. D. Londo. 2,550,833, May 1.
Pine-gum rosin DDT insecticide compositions. W. T. Sumerford and J. A. Jensen. 2,572,864, Oct. 30.
Pine wood resin of increased melting point. R. W. Ivett. 2,580,098, Dec. 25.
Pinion and gear axle drive and lubrication system therefor. J. C. Rhoads. 2,555,003, May 29.
Pinking shears and manufacturing same. O. E. Sorensen. 2,579,521, Dec. 25.
Pintle rig for laying sheet metal flooring, Retractable. L. C. Luke. 2,572,873, Oct. 30.
Pipe: *See*—
Conduit pipe.
Culvert pipe.
Electrically heated transfer pipe.
Insertable vent pipe.
Pipe-line pipe.
Pure smoke pipe.
Smoker's pipe.
Smoking pipe.
Telescoping tail pipe.
Tobacco pipe.
Pipe adapting device. H. Katz. 2,536,552, Jan. 2.
Pipe aligning device. B. F. Kelley. 2,540,451, Feb. 6.
Pipe anchor. M. S. Johnson and G. F. Oakley. 2,561,121, July 17.
Pipe anchor. E. P. Smith and M. S. Johnson. 2,546,792, Mar. 27.
Pipe and conduit supporting clamp. E. J. Manasek. 2,562,562, July 31.
Pipe and lighter, Combination. J. Van Toll. 2,549,726–7, Apr. 17.
Pipe and method, Tremie. W. B. Curtis. 2,562,416, July 31.
Pipe bender, Cold. L. T. Stringfield. 2,557,579, June 19.
Pipe-bending apparatus. C. L. Kelso. 2,547,870, Apr. 3.
Pipe bowl cleaner. E. J. Clarke. 2,557,077, June 19.
Pipe bowl cleaner. D. H. Paludan. 2,559,994, July 10.
Pipe cleaner. C. A. Klingenstierna. 2,561,742, July 24.
Pipe cleaning equipment. O. R. Smith. 2,556,116, June 5.
Pipe connecting. J. C. Richardson. 2,544,108, Mar. 6.
Pipe connection. J. G. Richardson. 2,544,109, Mar. 6.
Pipe connection, Drill. A. L. Stone. 2,553,836, May 22.
Pipe connector. J. C. Richardson. 2,545,168, Mar. 13.
Pipe connector. J. C. Richardson. 2,545,930, Mar. 20.
Pipe connector. J. C. Richardson. 2,547,889, Apr. 3.
Pipe construction. J. B. Smith. 2,551,550, May 1.
Pipe coupling. J. C. Bright. 2,555,869, June 5.
Pipe coupling. F. A. Kane, Jr. 2,555,591, June 5.
Pipe coupling. F. Kay. 2,566,769, Sept. 4.
Pipe coupling. W. C. Kinney. 2,573,203, Oct. 30.
Pipe coupling. E. Kristensen. 2,567,113, Sept. 4.
Pipe coupling. E. B. Thompson. 2,548,078, Apr. 10.
Pipe coupling. H. F. Unger. 2,558,695, June 26.
Pipe cutter. C. R. Edwards. 2,572,997, Oct. 30.
Pipe cutter. H. G. Nye, Jr. 2,556,974, June 12.
Pipe cutter. H. C. Otis, J. C. Luccous, and I. A. Miller. 2,571,934, Oct. 16.
Pipe cutter. C. E. Warren and E. A. Morris. 2,567,833, Sept. 11.
Pipe cutter with spring urged pressure roller. H. F. Husted. 2,556,694, June 12.
Pipe cutting and tenoning machine. G. H. Rosenboom. 2,537,916, Jan. 9.
Pipe-cutting machine. M. C. Patterson, Jr. 2,560,738, July 17.
Pipe-cutting machine. R. R. Roescheise. 2,553,147, May 15.
Pipe-cutting machine, Automatic. A. Briglia. 2,580,279, Dec. 25.
Pipe deforming machine. B. Stoudt. 2,556,987, June 12.
Pipe filler, Smoking. H. A. Thayer and J. L. Surbeck. 2,556,712, June 12.
Pipe fitting. L. Kennon. 2,560,114, July 10.
Pipe fitting. R. W. Pinger. 2,551,393, May 1.
Pipe fitting. G. A. Teglund. 2,562,967, Aug. 7.
Pipe fitting tool. C. L. Shobe. 2,540,553, Feb. 6.
Pipe for jet engines, Flexible tail. A. T. Scott. 2,579,619, Dec. 25.
Pipe for smoking tobacco. W. E. Lindorfer. 2,560,231, July 10.
Pipe gripping tool. L. E. Dunlap. 2,569,978, Oct. 2.
Pipe handling apparatus for welding. W. Statkus. 2,567,303, Sept. 11.
Pipe handling gear. A. O. Mickelson. 2,550,159, Apr. 24.
Pipe hanger. M. G. Tormo. 2,549,346, Apr. 17.
Pipe hanger. E. A. Wold. 2,542,172, Feb. 20.
Pipe holding device. D. R. Moore. 2,576,803, Nov. 27.
Pipe holding slip. W. L. Church. 2,572,318, Oct. 23.
Pipe joint. W. A. Abegg. 2,574,081, Nov. 6.
Pipe joint. P. R. Bradley. 2,561,648, July 24.
Pipe joint. L. S. Hamer. 2,570,545, Oct. 9.
Pipe joint. A. A. Hickman, L. O. Henderson, and A. Patriacco. 2,574,182, Nov. 6.
Pipe joint. R. A. Lillich and R. Eichenberg. 2,555,894, June 5.
Pipe joint. W. C. Perrow. 2,561,884, July 24.
Pipe joint. I. A. Russ. 2,568,414, Sept. 18.
Pipe joint. C. W. Thornhill. 2,552,750, May 15.
Pipe joint. T. R. Young. 2,549,741, Apr. 17.
Pipe joint for water heaters. F. Koetting. 2,537,678, Jan. 9.
Pipe laying cradle. S. A. Bergman. 2,559,703, July 10.
Pipe laying device. A. B. Jones. 2,538,365, Jan. 16.
Pipe layout device. P. F. Gardner. 2,563,599, Aug. 7.
Pipe layout machine. R. D. Lee. 2,549,911, Apr. 24.
Pipe-line device. M. R. McKinley. 2,571,916, Oct. 16.
Pipe-line pipe. J. D. Tyson. 2,555,256, May 29.
Pipe line scraper inserter and remover. R. R. Thomas. 2,575,146, Nov. 13.
Pipe-line swab with expansible element. J. E. Hall. 2,575,624, Nov. 20.
Pipe-making machine. C. R. Croson. 2,563,214, Aug. 7.
Pipe making machine, Earthenware. W. A. and R. G. Clark. 2,554,011, May 22.
Pipe mold. A. Hansen. 2,559,296, July 3.
Pipe mold and making the same. R. E. Ludwig and H. L. MacBride. 2,577,423, Dec. 4.
Pipe mold, Concrete. J. M. Crom and C. Dobell. 2,579,801, Dec. 25.
Pipe nipple chuck. H. Weibel and A. J. Janik. 2,574,001, Nov. 6.
Pipe nipple chuck. C. E. Wright. 2,572,418, Oct. 23.
Pipe or tubing support. C. W. Attwood. 2,541,908, Feb. 13.
Pipe parting tool. R. B. Frost. 2,568,280, Sept. 18.
Pipe puller. E. Fitch. 2,561,692, July 24.
Pipe puller. H. H. Rusk. 2,571,619, Oct. 16.

Pipe reducer, Soil. W. J. Collison. 2,547,567, Apr. 3.
Pipe rest. C. W. Shafer. 2,578,321, Dec. 11.
Pipe rotating device for oil wells. T. R. Munsinger. 2,536,458, Jan. 2.
Pipe slip actuator. G. E. Mullinix. 2,575,356, Nov. 20.
Pipe slip insert. A. T. Boatright. 2,552,618, May 15.
Pipe-testing machine, Multiple. J. F. Stadelman. 2,551,645, May 8.
Pipe thread gauge. M. E. Steczynski. 2,561,759, July 24.
Pipe threader and cutting device. S. W. Matica. 2,549,381, Apr. 17.
Pipe-threading machine. S. Webb. 2,551,517, May 1.
Pipe, Tobacco. W. Kloppmann. 2,565,858, Aug. 28.
Pipe tongs. A. E. Martois. 2,573,212, Oct. 30.
Pipe transfer apparatus. G. J. Kirchner. 2,573,848, Nov. 6.
Pipe upsetting and hot broaching tool. G. R. Chamberlain. 2,548,702, Apr. 10.
Pipe union or coupling. L. S. Augspurger and D. F. Hasse. 2,543,311, Feb. 27.
Pipe vise, Multiple-jaw. C. L. Roberts. 2,573,276, Oct. 30.
Pipe wiper with improved central passage arrangement and seal section assembly. S. W. Meek. 2,559,782, July 10.
Pipe with a cleaner therefor, Smoker's. F. E. Boehm. 2,565,797, Aug. 28.
Pipe wrench. D. Cole. 2,557,342, June 19.
Pipe wrench. J. R. Leonard. 2,574,834, Nov. 13.
Pipe wrench of the type that embodies opposed jaw-equipped arms with an adjusting screw therebetween. B. L. Lurie. 2,579,594, Dec. 25.
Piperazine compounds. C. B. Pollard and T. H. Wicker. 2,575,122, Nov. 13.
Piperazine oxides and preparing the same. J. J. Denton and H. W. Stewart. 2,578,053, Dec. 11.
Piperazine salts of penicillin, Substitute. E. T. Stiller. 2,558,014, June 26.
Piperidyl ketones and making same. H. Kaegi and K. Miescher. 2,546,159, Mar. 27.
Pipette loader. G. B. Ulvild. 2,540,360, Feb. 6.
Pirn or cone holder. E. J. McBride. 2,549,618, Apr. 17.
Pistol, Electric pellet projecting. W. A. Tratsch. 2,550,887, May 1.
Pistol, Water. J. Gora and J. D. Scarbrough. 2,566,487, Sept. 4.
Piston. J. W. Brown. 2,553,296, May 15.
Piston. J. Dematteis. 2,553,638, May 22.
Piston. C. R. Flint. 2,544,494, Mar. 6.
Piston. W. M. Venner and P. L. Bowser, Jr. 2,576,655, Nov. 27.
Piston aligning mechanism. E. E. Woodward. 2,541,318, Feb. 13.
Piston and piston packing. J. L. Harrah. 2,579,115, Dec. 18.
Piston and piston rod, Self-aligning. A. J. Bent. 2,573,384, Oct. 30.
Piston apparatus with flexible crank coupling, Hot gas. H. de Brey and F. L. Van Weenen. 2,567,637, Sept. 11.
Piston assembly. N. S. Reynolds. 2,571,486, Oct. 16.
Piston construction. N. J. Buren. 2,544,775, Mar. 13.
Piston construction. P. L. Loewe. 2,556,698, June 12.
Piston construction. V. C. Sterrett. 2,574,299, Nov. 6.
Piston construction. A. S. Wysong. 2,549,277, Apr. 17.
Piston, Controlled expansion. D. D. Deming. 2,551,488, May 1.
Piston, Coolant filled. A. Townhill. 2,537,174, Jan. 9.
Piston cooling. L. E. Endsley. 2,541,919, Feb. 13.
Piston cooling. L. E. Endsley. 2,571,022, Oct. 9.
Piston engine. A. Horowitz and M. Kooy. 2,547,163, Apr. 3.
Piston expander. C. F. Johnston. 2,578,555, Dec. 11.
Piston expander. W. J. Six. 2,558,224, June 26.
Piston expander-shell drive-in type. G. J. Worel. 2,566,591, Sept. 4.
Piston fabrication. F. A. Gruetjen. 2,539,903, Jan. 30.
Piston for internal-combustion engines. H. Hall. 2,572,260, Oct. 23.
Piston for internal-combustion engines. R. E. Sharp. 2,560,253, July 10.
Piston holding attachment for vise jaws. T. D. Lloyd. 2,579,151, Dec. 18.
Piston machine, Free. H. B. Horgen. 2,543,851, Mar. 6.
Piston packing. C. A. Marien and F. D. Frisby. 2,575,500, Nov. 20.
Piston packing ring. M. W. Marien. 2,563,853, Aug. 14.
Piston packing rings and arrangement thereof. M. W. Marien. 2,577,140, Dec. 4.
Piston position indicator. F. F. Griffiths. 2,567,430, Sept. 11.
Piston regrooving tool. C. M. Wetzel. 2,566,048, Aug. 28.
Piston regrooving tool. J. J. Wittman. 2,570,416, Oct. 9.
Piston remover. B. L. Myers. 2,557,611, June 19.
Piston ring. H. F. Anderson. 2,554,289, May 22.
Piston ring. W. F. Cook. 2,579,031, Dec. 18.
Piston ring. P. D. Dykes. 2,566,603, Sept. 4.
Piston ring. F. Ernst. 2,551,878, May 8.
Piston ring. F. Ernst. 2,558,426, June 26.
Piston ring. H. Lieberherr. 2,577,022, Dec. 4.
Piston ring. T. E. McFall. 2,538,649, Jan. 16.
Piston ring. E. R. Olsen. 2,560,775, July 17.
Piston ring. H. P. Phillips. 2,544,353, Mar. 6.
Piston ring. H. P. Phillips. 2,565,042, Aug. 21.
Piston ring. H. P. Phillips. 2,569,777–8, Oct. 2.
Piston ring. H. P. Phillips. 2,579,698, Dec. 25.
Piston ring. H. P. Phillips. 2,580,124, Dec. 25.
Piston ring. J. F. Shirk. 2,542,438, Feb. 20.
Piston ring. J. F. Shirk. 2,562,512, July 31.
Piston ring. T. Stevenson. 2,560,667–8, July 17.
Piston ring. C. L. Vickers. 2,554,758, May 29.
Piston ring. V. F. Zahodiakin. 2,563,667, Aug. 7.
Piston ring and piston therefor. G. W. Butt. 2,554,400, May 22.
Piston ring assembly. H. P. Phillips. 2,553,002, May 15.
Piston ring assembly. H. P. Phillips. 2,564,993, Aug. 21.
Piston ring assembly and element. H. P. Phillips. 2,579,697, Dec. 25.
Piston ring assembly and groove filler element for use with piston rings. H. P. Phillips. 2,579,699, Dec. 25.
Piston ring expander. G. C. Mayfield. 2,562,675, July 31.
Piston-ring expander. F. W. Wilkening. 2,564,744, Aug. 21.
Piston ring seal. G. W. Meadows. 2,547,957, Apr. 10.
Piston ring splitting and trimming machine. A. H. Bates. 2,560,549, July 17.
Piston rod and crosshead connection. C. J. Carr. 2,550,969, May 1.
Piston rod rotating attachment for reciprocating pumps. M. W. Schrader. 2,568,828, Sept. 25.
Piston seal boot. L. A. Kempton. 2,560,294, July 10.
Piston, Self-lubricating. F. J. Carney. 2,557,497, June 19.
Piston stabilizer. E. T. Chaix. 2,571,110, Oct. 16.
Piston stop, Automatic adjustment. J. J. Kovac. 2,568,858, Sept. 25.
Piston, Strut type. A. Townhill. 2,563,887, Aug. 14.
Piston type fluid brake. J. C. Foster, Sr., J. H. Biggs, and J. C. Foster, Jr. 2,569,712, Oct. 2.
Piston valve. A. J. Vander White. 2,552,825, May 15.
Piston with plated piston ring grooves. D. L. Garland and R. D. Gray, Jr. 2,575,214, Nov. 13.
Pit cover with protected sealing means, Soaking. R. W. Higgins. 2,539,421, Jan. 30.
Pit inspector. K. K. Harworth and R. U. Temby. 2,547,207, Apr. 3.
Pit raiser. D. E. Mulholland. 2,542,557, Feb. 20.
Pitter, Cherry. G. W. Ashlock, Jr. 2,558,205, June 26.
Pitter, Cherry. S. W. Hoover. 2,552,971, May 15.
Pitter, Peach. L. W. Waters. 2,551,076, May 1.
Pitting and slicing mechanism, Combined. W. W. Kelly. 2,577,527, Dec. 4.
Pitting head for peach pitting machines, Demountable. H. M. Pillars. 2,569,331, Sept. 25.
Pitting machine, Fruit. A. Besag and J. S. Moss. 2,565,165, Aug. 21.
Pitting machine, Olive. C. V. Butterfield and E. L. Gonella. 2,544,006, Mar. 6.
Pitch changing mechanism for stringed musical instruments. W. N. Gaut. 2,573,963, Nov. 6.
Pitch control mechanism for pivoted blade aircraft sustaining rotors. H. S. Campbell. 2,540,473, Feb. 6.
Pitch propeller, Amplitorque controllable. H. J. Nichols. 2,548,045, Apr. 10.
Pitch propeller, Changeable. G. W. Johnson. 2,549,313, Apr. 17.
Pitch propeller, Controllable. H. Carson and R. E. Moore. 2,550,529, Apr. 24.
Pitch propeller, Hydraulically operated variable. D. Biermann. 2,554,611, May 29.
Pitch propeller, Variable. C. J. Green. 2,573,764, Nov. 6.
Pitch propeller, Variable. E. C. Hatcher. 2,536,546, Jan. 2.
Pitch propeller, Variable. E. C. Hatcher. 2,559,767, July 10.
Pitch propeller, Variable. P. J. Quinn. 2,570,484, Oct. 9.
Pitcher. F. J. Vazzano. 2,563,141, Aug. 7.
Pitcher lid with extension forming and engaging handle, Hinged, can puncturing. E. L. Parr. 2,537,544, Jan. 9.
Pitching device, Ball. H. G. Atwell. 2,549,156, Apr. 17.
Pitchometer support. W. S. McKinstry and W. E. Little. 2,550,707, May 1.
Pitchy composition and making it. O. F. V. Frick. 2,578,883, Dec. 18.
Pitot tube. W. M. Jones. 2,565,310, Aug. 21.
Pivot and bearing. L. S. Williams. 2,571,400, Oct. 16.
Pivot and bearing. L. S. Williams. 2,578,957, Dec. 18.
Pivot assembly for tractor mounted implements. P. C. Seaholm. 2,569,389, Sept. 25.
Pivot bearing. J. L. Zar. 2,537,200, Jan. 9.
Pivot bearing for windows. S. E. Lidin. 2,571,733, Oct. 16.
Pivot for adjustable fulcrum pliers. W. C. Kress. 2,557,296, June 19.
Pivot for horizontally swinging windows. S. E. Lidin. 2,569,109, Sept. 25.
Pivot for overhead doors. W. Rochford. 2,564,545, Aug. 14.
Pivot joint. C. A. Scheeler. 2,556,449, June 12.
Pivot mount for variable pitch propeller blades, Preloaded. P. F. Hackethal and R. Karey. 2,566,884, Sept. 4.
Pivotal connection replacement. B. V. Zillman. 2,553,158, May 15.

Pivotal frame structure for rotary printing machine element. H. H. Beasley. 2,573,090, Oct. 30.
Pivotal mounting. M. C. Yeasting. 2,558,164, June 26.
Pivotally mounted tire bead compressing clamp. E. W. Oliva. 2,577,910, Dec. 11.
Pivoted door. R. Klanner. 2,561,627, July 24.
Pivoted jaw closure remover with eccentric pivot. S. M. Taylor. 2,578,379, Dec. 11.
Pivoted jaw type, internally threaded socket wrench. W. W. Flugrath. 2,562,307, July 31.
Pivoted jaw type, toggle actuated wrench. B. G. Barnett. 2,561,682, July 24.
Pivoted jaw wrench. B. P. Kunz. 2,559,973, July 10.
Pivoted prop support members for drop-leaf tables or the like. R. A. Cramer. 2,578,922, Dec. 18.
Pivoted snap hook. L. M. Regan and B. S. Minor, 2,559,999, July 10.
Pivoted spring clip. W. Cohen. 2,569,371, Sept. 25.
Placing and fixing of sealing compounds in closure caps. F. W. Joswig. 2,553,590, May 22.
Plan position indicator circuit. C. A. Washburn. 2,576,057, Nov. 20.
Plane. N. Binger. 2,575,787, Nov. 20.
Plane and drawknife, Wood. E. G. Simon. 2,567,739, Sept. 11.
Plane, Carpenter's readily cleanable hand. L. E. Pratt. 2,550,377, Apr. 24.
Plane, Double-acting bench. R. K. Bryant. 2,550,766, May 1.
Plane, Power actuated hand. H. T. Libby and D. G. Pearson. 2,544,098, Mar. 6.
Planer attachment for portable power sources. E. J. Strandberg. 2,562,832, July 31.
Planer drive. J. M. Walter. Re. 23,331, Jan. 16.
Planer gauge. T. J. and T. J., Jr. Reinhart. 2,537,704, Jan. 9.
Planetary transmission. T. Iavelli. 2,578,308, Dec. 11.
Planetary unit. C. Snyder. 2,546,173, Mar. 27.
Planetary variable speed friction transmission. H. F. Elliott. 2,555,119, May 29.
Planographic master plate. D. A. Newman. 2,556,144, June 5.
Planographic printing. C. A. Brown. 2,550,326, Apr. 24.
Planographic printing plate and preparing the same. C. H. Van Dusen, Jr. 2,542,784, Feb. 20.
Plant blocking machine, Spray type. H. V. Lea. 2,569,320, Sept. 25.
Plant chopper head. L. C. Stukenborg. 2,545,318, Mar. 13.
Plant control for hydroelectric generators. B. P. Baker. 2,548,462, Apr. 10.
Plant food feeder. A. P. Flanders. 2,536,361, Jan. 2.
Plant for the continuous manufacture of isoprene. P. M. Bourdon. 2,547,684, Apr. 3.
Plant for the continuous zymothermic fermentation of all organic matters. M. J. Poupart. 2,558,155, June 26.
Plant for the production of compressed air. C. Keller. 2,539,744, Jan. 30.
Plant growth regulant compositions containing haloaryl sulfonyl sulfiides. W. D. Stewart. 2,568,036, Sept. 18.
Plant growth regulants and phytocides. A. E. Smith and O. L. Hoffmann. 2,556,664–5, June 12.
Plant growth regulation. N. Tischler. 2,576,083, Nov. 20.
Plant growth regulation. N. Tischler and E. P. Bell. 2,576,080–2, Nov. 20.
Plant propagation. W. R. Grove. 2,572,473, Oct. 23.
Plant row and bin marker. W. C. Withrow. 2,562,851, July 31.
Plant setter. H. P. Cordes. 2,565,548, Aug. 28.
Plant setter. E. L. Masters. 2,555,855, June 5.
Plant support. D. W. Felsing. 2,557,731, June 19.
Planter. A. L. Clement. 2,560,086, July 10.
Planter. E. B. Dewey. 2,556,072, June 5.
Planter attachment. L. E. Prince and S. L. Le Var. 2,539,592, Jan. 30.
Planter, Cotton seed. H. V. Phelps. 2,550,291, Apr. 24.
Planter marker. E. W. Todd. 2,561,078, July 17.
Planter marker. C. H. White and W. P. Oehler. 2,546,412, Mar. 27.
Planter marker, Towed. W. P. Oehler. 2,537,543, Jan. 9.
Planter, Seed. C. H. Tasche. 2,546,838, Mar. 27.
Planter, Tractor mounted. G. L. Walburn. 2,579,988, Dec. 25.
Planter valve. E. Weishaar. 2,536,790, Jan. 2.
Planter with rotating dispensing member having seed selecting means thereon, Potato. C. L. Cook. 2,564,879, Aug. 21.
Planting device. H. J. and W. J. Vetter. 2,554,604, May 29.
Planting machine. W. H. Judson. 2,547,867, Apr. 3.
Planting sight. B. C. Maier. 2,538,112, Jan. 16.
Planting sight. B. C. Maier. 2,548,226, Apr. 10.
Plaster and plastering. R. L. Dickey, C. R. Austin, and A. E. Pavlish. 2,556,031, June 5.
Plasterboard. T. P. Camp. 2,562,859, July 31.
Plaster mixing machine. M. Bean, W. S. Touchman, and W. C. Bruckman. 2,574,238, Nov. 6.
Plaster or bandage for skin application. H. S. Atherton. 2,577,945, Dec. 11.
Plasterer's darby. E. A. Whalen. 2,578,163, Dec. 11.
Plastering machine. C. H. Stanton. 2,555,823, June 5.
Plastic article and insert, Combined. T. Friedman. 2,548,151, Apr. 10.
Plastic article and method of treatment. R. and A. M. Ginell. 2,572,719, Oct. 23.
Plastic article, Reinforced. P. A. Norris. 2,558,662, June 26.
Plastic binding of hard cased books. L. and P. de Florez, and O. L. Gore. 2,577,568, Dec. 4.
Plastic bridgework, Making. F. J. Barth. 2,576,206, Nov. 27.
Plastic clamp. H. Gragg. 2,563,236, Aug. 7.
Plastic composition comprising mineral powder, wood dust, and adhesive. R. I. Billington and R. J. Nelson. 2,537,960, Jan. 16.
Plastic compositions containing corn proteins and making. L. A. Wood, Jr., and E. D. O'Mahony. 2,536,339, Jan. 2.
Plastic compositions from copolymers of unsaturated esters of ethereal oxygen-containing acids. K. E. Marple and E. C. Shokal. 2,567,675, Sept. 11.
Plastic-fiber composition, Manufacture of. C. C. Heritage. 2,544,019, Mar. 6.
Plastic lenses from monomeric materials, Manufacture of. J. O. Beattie. 2,542,386, Feb. 20.
Plastic marking composition. E. R. Derby. 2,566,516, Sept. 4.
Plastic materials, Nonelectrostatic. J. B. Eisen. 2,540,981, Feb. 6.
Plastic mold cycle control apparatus. J. O. Kleber. 2,536,506, Jan. 2.
Plastic Molding. A. W. Schultz. 2,542,263, Feb. 20.
Plastic product and making the same, Hollow. D. Gonda. 2,572,924, Oct. 30.
Plastic rubber compositions. W. C. Klingel. 2,576,945, Dec. 4.
Plastic-sealing apparatus. K. F. Spalding. 2,556,008, June 5.
Plastic set, Educational. C. A. Evans. 2,540,432, Feb. 6.
Plastic sheet, Reinforced. H. Warp. 2,545,981, Mar. 20.
Plastic sheets, Method of and apparatus for manufacturing. J. Bailey. 2,545,868, Mar. 20.
Plastic strain gauge. H. Shoub. 2,536,101, Jan. 2.
Plastic tall oil rosin fraction. W. A. Jordan and M. S. Herban. 2,572,035, Oct. 23.
Plasticization of vinyl chloride polymers. L. S. Abbott. 2,553,996, May 22.
Plasticized and stabilized cellulose acetate. A. F. Caprio and R. L. Shuman. 2,561,493, July 24.
Plasticized polyvinyl resin compositions. D. E. Terry and D. H. Wheeler. 2,559,177, July 3.
Plasticized resin compositions, Production of. D. Faulkner, H. M. Stanley, and J. J. P. Staudinger. 2,575,444, Nov. 20.
Plasticized rubbery copolymer of isobutylene and isoprene. W. C. Smith. 2,561,239, July 17.
Plasticizing compositions and plasticized products. J. R. Ehrlich. 2,538,900, Jan. 23.
Plasticizing synthetic rubber with a reaction product of an alkyl mercaptan and a rubbery diolefin polymer. C. F. Fryling. 2,543,844, Mar. 6.
Plasticizing synthetic rubber with a reaction product of an alkyl mercaptan and said rubber. C. F. Fryling. 2,543,845, Mar. 6.
Plasticizing vinylidene chloride polymers. A. L. Besse, Jr. 2,555,284, May 29.
Plastics obtained from amylaceous materials and preparing such plastics. L. Rouzet. 2,555,058, May 29.
Plastisols containing nitrogenous viscosity controlling agents. D. X. Klein and M. N. Curgan. 2,548,433, Apr. 10.
Plat pocket loader. W. J. Boase. 2,539,770, Jan. 30.
Plate, Adjustable screw eye supporting. E. H. L. Englund and H. C. Strohm. 2,551,428, May 1.
Plate and making the same, Racing. C. J. Nardon. 2,543,330, Feb. 27.
Plate, Animal scratch. J. B. Paardecamp. 2,536,460, Jan. 2.
Plate blank handling means for embossing machines. W. T. Gollwitzer. 2,576,596, Nov. 27.
Plate, Clutch. R. C. Zeidler. 2,566,394, Sept. 4.
Plate cylinder and ink roll mounting for printing presses. A. M. Bojanower and R. D. Spearman. 2,542,229, Feb. 20.
Plate finishing machine, Stereotype. C. L. Ricards and I. Tornberg. 2,537,604, Jan. 9.
Plate for attachment to combustion chamber walls, Gas burner. P. White. 2,565,831, Aug. 28.
Plate for core blowers, Blow. T. E. Barlow. 2,553,626, May 22.
Plate or dish retainer, Detachable. N. L. and H. M. French. 2,550,989, May 1.
Plate for fish lures, Wobble. R. J. Hall. 2,569,165, Sept. 25.
Plate for outboard motors. R. J. Enrico. 2,570,332, Oct. 9.
Plate for railway cars, Threshold. E. G. Doke. 2,543,402, Feb. 27.
Plate, Freezer. H. W. Kleist. 2,538,014, Jan. 16.
Plate glass assembly. L. L. Gurney. 2,565,227, Aug. 21.
Plate hanger. G. A. Grant. 2,536,278, Jan. 2.
Plate hanger. L. E. Williams. 2,559,057, July 3.
Plateholder for cameras. E. Nitenson. 2,546,905, Mar. 27.
Platemaking machine, Stereotype. P. L. Tollison and C. L. Ricards. 2,536,670, Jan. 2.
Plate or cut film holder. D. L. Blietz. 2,539,342, Jan. 23.

Plate, Pole butt ground. G. C. Salmons. 2,545,048, Mar. 13.
Plate powdering machine. F. T. Powers, Sr. 2,557,561, June 19.
Plate, Refreshment. E. C. Jones. 2,561,022, July 17.
Plate stacking and unstacking machine. J. N. Berger. 2,561,723, July 24.
Plate type refrigerant evaporator. T. O. Lester. 2,573,583, Oct. 30.
Plate, Variably illumined. P. M. L. Latrobe. 2,560,392, July 10.
Plate, Wheel adapter. E. M. Juergenson. 2,570,559, Oct. 9.
Platen knob with telescoping clutch knob. W. A. Dobson. 2,580,285, Dec. 25.
Platen levelling multiple ram press. G. A. Waldie. 2,565,639, Aug. 28.
Platen, Press. S. N. Baldwin. 2,572,972, Oct. 30.
Platen press having curved impression member. C. F. Root. 2,562,214, July 31.
Plating a carbon or graphite part with chromium. R. S. Herwig. 2,547,120, Apr. 3.
Plating bright silver alloy. W. P. Ruemmler. 2,555,375, June 5.
Platter. S. Forman and J. G. Capone. 2,553,908, May 22.
Platter. A. C. Scavullo. 2,544,357, Mar. 6.
Platter, Ornamental cake. M. E. Stanley. 2,552,297, May 8.
Platform for industrial trucks, Tiltable. W. S. Glenn, Jr. 2,575,552, Nov. 20.
Platform for lawn mowers. P. W. Hainke. 2,559,920, July 10.
Platform for reclining chairs. P. Mednick. 2,565,871, Aug. 28.
Platform for reducing machines. A. B. Booth. 2,538,231, Jan. 16.
Platform for trucks, Loading and unloading lift. J. Olsen. 2,536,954, Jan. 2.
Platform for vehicles, Hoisting. A. N. Mullin. 2,542,047, Feb. 20.
Platform for X-ray tables, Adjustable alignment. R. C. Grimm. 2,568,191, Sept. 18.
Platform insert for shoes. A. D. Schwartz. 2,572,670, Oct. 23.
Platform leveling mechanism for truck chassis. E. Cole. 2,537,572, Jan. 9.
Platform, Loading. C. S. R. Walford. 2,551,074, May 1.
Platform, Loading and unloading. W. J. Turnbull. 2,542,847, Feb. 20.
Platform, Sectional articulated floating. R. M. Hamilton. 2,565,369, Aug. 21.
Platform structure, Derrick. W. R. Sims. 2,570,076, Oct. 2.
Platform, Work distributing. G. T. Smith. 2,560,490, July 10.
Playground swing support. E. D. Boisselier. 2,563,097, Aug. 7.
Play pen. N. W. White. 2,574,079, Nov. 6.
Play-pen, Cabinet type. R. K. Alschuler and P. C. Curtis. 2,555,776, June 5.
Plaything for cats. H. L. Winsor. 2,540,309, Feb. 6.
Playing card container. W. Dubilier. 2,577,007, Dec. 4.
Playing card holder. H. L. Stark and K. Ead. 2,564,315, Aug. 14.
Playing cards, Deck of. G. A. Thompson and R. Hagen. 2,569,701, Oct. 2.
Playing disk-type phonograph records, Method and machine for. W. A. Lynch. 2,555,895, June 5.
Playing disk type phonograph records, Method and machine for. G. Slater. 2,557,015, June 12.
Pleat former and holder. A. R. Sylvanus. 2,575,642, Nov. 20.
Pleating. A. McD. Hess. 2,573,441, Oct. 30.
Pleating device. B. P. Solomon. 2,558,467, June 26.
Plier construction for cutting electric armored cable. S. H. Underhill. 2,551,401, May 1.
Plier for forming and shearing off spectacle lens brackets. J. R. Morey. 2,557,305, June 19.
Plier, Link friction pin. L. J. Koch. 2,541,424, Feb. 13.
Plier, Stapling. R. Vogel. 2,574,988, Nov. 13.
Plier-type, toggle actuated wrench. J. A. Blair. 2,553,400, May 15.
Plier type shot splitting tool. H. C. Boel and B. C. Hallberg. 2,571,819, Oct. 16.
Plier type tile piercing tool. K. J. Klenk. 2,575,630, Nov. 20.
Pliers. R. C. Cronk. 2,548,422, Apr. 10.
Pliers, Adjustable fulcrum. J. N. Johnson. 2,558,440, June 26.
Pliers, Electrical soldering. F. Durst. 2,577,515, Dec. 4.
Pliers, Fisherman's. W. J. Haman. 2,549,462, Apr. 17.
Pliers having displaceable-half-nut actuator, Cam-closing pivoted-jaw. W. B. Kramer and T. A. Moore. 2,568,641, Sept. 18.
Pliers, Hose ferrule clamping. R. W. Miller. 2,562,055, July 24.
Pliers, Ophthalmologist's. L. L. Gagnon. 2,570,106, Oct. 2.
Pliers, Optician's. J. E. Collins. 2,564,752, Aug. 21.
Pliers, Optician's strap. B. R. Vent. 2,552,021, May 8.
Pliers or wrench with automatic adjusting and locking means. H. A. Shaw. 2,564,585, Aug. 14.
Pliers, Parallel expanding-jaw. W. O. Yeazell. 2,553,620, May 22.
Pliers, Ring closing. L. H. Heuer. 2,562,097, July 24.
Pliers, Tape-pulling. A. J. Higgins. 2,542,249, Feb. 20.
Plotter. F. Pierce and G. A. Bretteli, Jr. 2,566,247, Aug. 28.
Plotting system. R. J. Newman. 2,580,240, Dec. 25.
Plow. H. A. Goode. 2,538,093, Jan. 16.
Plow and harrow, Combined. C. M. Ellison. 2,555,438, June 5.
Plow assembly for beet harvesters. H. V. Léa. 2,562,674, July 31.
Plow assembly, Rotary power-driven. L. L. Patterson. 2,554,498, May 29.
Plow, Automatic two-way. H. Rogers and W. F. Mellen. 2,575,428, Nov. 20.
Plow bottom. H. N. Baker. 2,557,588, June 19.
Plow, Combined rooter and trench forming. G. B. Pace. 2,558,692, June 26.
Plow, Disk. A. E. Rutter. 2,559,517, July 3.
Plow, Ditching. L. C. Hester. 2,548,261, Apr. 10.
Plow edge, Renewable. H. J. Woock. 2,548,458, Apr. 10.
Plow, Flange. F. J. Hauschild. 2,547,391, Apr. 3.
Plow, Four-bottom two-way. H. Rogers and W. F. Mellen. 2,575,429, Nov. 20.
Plow, Helical. L. C. Blackledge. 2,539,053, Jan. 23.
Plow hitch with traction control linkage. R. J. Burkholder. 2,547,438, Apr. 3.
Plow lift mechanism for cultivators. O. Watmouth. 2,553,522, May 15.
Plow, Reversible disk. R. L. McElroy. 2,546,554, Mar. 27.
Plow, Rotary. W. Holmes. 2,554,030, May 22.
Plow, Screw propelled. R. H. Singer. 2,574,353, Nov. 6.
Plow, Subsoil. D. Collins and M. Bergstrom. 2,569,556, Oct. 2.
Plow, Subsoil. C. H. Gemberling and R. J. Altgelt. 2,558,948, July 3.
Plow, Tractor-mounted two-way. W. C. Toland. 2,577,384, Dec. 4.
Plow, Two-way. F. F. Heitzig. 2,573,969, Nov. 6.
Plow, Two-way. S. Kaltoft. 2,552,097, May 8.
Plow, Two-way. O. W. Oerman. 2,575,527, Nov. 20.
Plow, Two-way. W. N. Olson and A. G. Evans. 2,555,555, June 5.
Plow, Universal self-contained. G. R. Ego. 2,564,567, Aug. 14.
Plow, Vineyard take-out. J. C. Rutherford. 2,539,864, Jan. 30.
Plow wheel and mounting. R. F. and D. B. McConnell. 2,574,051, Nov. 6.
Plow with rotary stalk cutter. G. D. Alvarez. 2,572,298, Oct. 23.
Plucking machine, Poultry. D. I. Harvey. 2,571,034, Oct. 9.

Plug: *See*—

Accumulator shell sealing plug.
Adjustable electric plug.
Adjustable electrode spark plug.
Attachment plug.
Bridge plug.
Bridging plug.
Cementing plug.
Connector plug.
Drain pipe blow-out plug.
Electric cord plug.
Electric plug.
Electric swivel connecting plug.
Electrical attachment plug.
Expansion closure plug.
Fish plug.
Fuse plug.
Multiple connector plug.
Replaceable multiple unit fuse plug.
Retrievable bridge plug.
Rotatably released electric plug.
Safety wall plug.
Self-ejecting electric plug.
Separable electric plug.
Shell lifting and sealing plug.
Spark plug.
Sparking plug.
Storage battery vent plug.
Tank plug.
Trolling and casting plug.
Tube plug.
Vent plug.
Wall cleaning plug.
Wall plug.
Well tubing plug.

Plug. C. E. Zimmerman. 2,574,160, Nov. 6.
Plug and agitator crank, Combination. H. L. Cerniak. 2,543,151, Feb. 27.
Plug and jack, Watertight. H. S. Gleason. 2,562,544, July 31.
Plug and receptacle construction. C. Miller. Re. 23,407, Sept. 4.
Plug and socket combination, Electrical. C. P. De Vito. 2,551,423, May 1.
Plug and socket electric connector. G. R. Eddy. 2,557,818, June 19.
Plug box. F. H. Gibson. 2,540,480, Feb. 6.
Plug button, closure, and the like. P. D. Becker. 2,552,919, May 15.
Plug button or closure. P. D. Becker. 2,552,916, May 15.
Plug button or closure, Universal. P. D. Becker. 2,552,917–18, May 15.
Plug connection for electric conductors. J. Billeter. 2,554,554, May 29.
Plug cover for containers, Hinged. F. J. Costello. 2,564,298, Aug. 14.
Plug drain for solvent extraction plants. R. T. Anderson. 2,560,147, July 10.
Plug ejector for electrical outlets. R. N. Gernheuser. 2,551,533, May 1.
Plug for cementing wells, Expansible. H. R. Steward. 2,572,533, Oct. 23.
Plug for cylindrical passages, Crowned cupped resilient. M. L. Lockhart. 2,577,780, Dec. 11.

Plug for electric appliances, Safety. J. E. Doss. 2,555,685, June 5.
Plug for keyholes, Lock-guarding. G. S. Mason. 2,561,029, July 17.
Plug for oil tanks or the like, Filling. D. Kaufman. 2,545,233, Mar. 13.
Plug for pocket lighters, Filler. F. R. and C. C. Rizzo. 2,546,475, Mar. 27.
Plug for pressure cookers, Safety. M. J. Zimmer and E. L. Duskey. 2,580,340, Dec. 25.
Plug for sealing tube sheets. O. F. Anderson. 2,543,430, Feb. 27.
Plug for walls, Anchoring. A. J. Valluzzi. 2,553,614, May 22.
Plug for well casings, Insert strainer. M. M. Kinley. 2,540,123, Feb. 6.
Plug for wells and the like, Bridging. O. O. Dale and J. D. Chesnut. 2,569,457, Oct. 2.
Plug-in relay. G. Deakin. 2,543,000, Feb. 27.
Plug member, Male safety. A. D. Parnes. 2,537,370, Jan. 9.
Plug-nut. D. C. Eckenbeck, P. E. Slaughter, and C. L. Madden. 2,544,304, Mar. 6.
Plug pin. H. Dorjee. 2,564,098, Aug. 14.
Plug valve. M. P. Laurent. 2,565,244, Aug. 21.
Plug seal for solvent extraction columns. C. W. Zies and F. W. Weigel. 2,549,997, Apr. 24.
Plug valve. J. C. Haun. 2,540,668, Feb. 6.
Plug valve. J. C. Haun. 2,552,374–5, May 8.
Plug valve. J. C. Haun. 2,552,376, May 8.
Plug valve. J. C. Haun. 2,552,967, May 15.
Plug valve. O. Jacobsen. 2,544,090, Mar. 6.
Plug valve. E. A. Weinberg. 2,555,262, May 29.
Plug valve actuator. C. W. Anderson. 2,580,212, Dec. 25.
Plugging apparatus, Well packer. T. M. Ragan. 2,549,007, Apr. 17.
Plugging device for door locks. P. Sevčik. 2,559,549, July 3.
Plugging wells. R. O. Bankson. 2,546,252, Mar. 27.
Plumb bob shield. H. S. Greene. 2,578,062, Dec. 11.
Plumb point locator. S. Tumminello. 2,545,321, Mar. 13.
Plumbing fitting, Y quarter bend. F. D. Buskirk. 2,567,165, Sept. 11.
Plumbing valve. C. P. Wagner. 2,574,851, Nov. 13.
Plunger guide for solenoids. P. Schell. 2,562,439, July 31.
Plunger, Oil well pump. R. C. Williams. 2,539,000, Jan. 23.
Plunger positioning device. J. N. Marshall. 2,551,959, May 8.
Plunger type mixer. F. R. and M. Muehlhaus. 2,555,756, June 5.
Plunger type switch. C. A. Woodcock, S. E. Womack, and J. W. Hobbs. 2,572,294, Oct. 23.
Plural armature relay. H. Perkins. 2,559,199, July 3.
Plural beam tube. R. L. Snyder, Jr. 2,563,500, Aug. 7.
Plural garment hanger. S. J. Baril. 2,557,627, June 19.
Plural intermeshing feed or press screws. F. G. Lesniak. 2,567,219, Sept. 11.
Plural pressure hydraulic feed system. E. J. Hirvonen. 2,579,116, Dec. 18.
Plural station quenching device for elongated objects. J. W. Jordon. 2,565,855, Aug. 28.
Plural wire butter cutter. E. H. Sargent and J. B. Wadsworth. 2,550,166, Apr. 24.
Pluviometer. E. F. Quinteros. 2,570,710, Oct. 9.
Ply disorienting machine. R. L. Allen. 2,566,107, Aug. 28.
Plywood, Manufacture of. R. S. Brundige. 2,578,781, Dec. 18.
Plywood panel. A. Elmendorf. 2,564,055, Aug. 14.
Plywood shaping apparatus. W. E. Radig. 2,567,122, Sept. 4.
Pneumatic and air sweep closure. C. C. Sperling. 2,559,564, July 3.
Pneumatic bore gauge. M. L. Mennesson. 2,574,342, Nov. 6.
Pneumatic control apparatus. C. B. Moore. 2,556,436, June 12.
Pneumatic conveying system and method. J. J. Israel. 2,572,862, Oct. 30.
Pneumatic counterweight. M. J. Meylich. 2,571,049, Oct. 9.
Pneumatic device for cleaning the scalp and hair. P. W. Snowman. 2,555,941, June 5.
Pneumatic electric switch. J. Negro. 2,556,209, June 12.
Pneumatic follow-up pressure regulator. H. J. Wood. 2,562,684, July 31.
Pneumatic ground clearing machine. M. W. Patton. 2,561,882, July 24.
Pneumatic-hydraulic system for operating well pumping equipment. S. V. Smith. 2,564,285, Aug. 14.
Pneumatic-hydraulic system for well pumping or drilling units. C. W. White. 2,560,676, July 17.
Pneumatic impact puller and the like. R. G. Knudsen. 2,561,577, July 24.
Pneumatic pendant control for electric switches. E. B. Spencer. 2,562,847, July 31.
Pneumatic rapid traverse for winding textile yarns on cones and tubes. R. F. Dyer and W. G. Faw. 2,548,523, Apr. 10.
Pneumatic rubbery article and making same. B. Y. Connell and W. E. Fisher. 2,575,249, Nov. 13.
Pneumatic sensing mechanism for record-controlled statistical machines. A. Thomas and M. R. Brown. 2,563,290, Aug. 7.
Pneumatic starting device. R. Huber. 2,565,849, Aug. 28.
Pneumatic stripper. W. J. Lobrovich. 2,579,940, Dec. 25.
Pneumatic switch. A. C. Kroll. 2,574,791, Nov. 13.
Pneumatic system for conveying discrete material. M. J. Bozich. 2,565,946, Aug. 28.
Pneumatic tacker. O. A. Wandel. 2,558,403, June 26.
Pneumatic thread collector system for weft replenishing looms. C. P. Bergstrom and B. W. Brouwer. 2,567,540, Sept. 11.
Pneumatic thread remover. G. N. Peterson. 2,580,191, Dec. 25.
Pneumatic tire shaping and vulcanizing apparatus. T. A. Kolins. 2,571,258, Oct. 16.
Pneumatic train control valve. H. P. Folker. 2,566,444, Sept. 4.
Pneumatic type opposed contact gauge. J. A. Simkus. 2,560,194, July 10.
Pneumatic wheel. F. Elias-Reyes. 2,543,156, Feb. 27.
Pneumatically operated hydraulic press. W. S. Hansen. 2,548,784, Apr. 10.
Pocketbook, Bill dispensing. H. D. Baird. 2,546,815, Mar. 27.
Pocket clip. R. T. Wing. 2,553,346, May 15.
Pocket construction. C. H. Wennerstrom. 2,557,366, June 19.
Pocket flap, Coat. E. D'Alesio. 2,544,750, Mar. 13.
Pocket flap, Detachable safety. E. L. and O. A. Berman. 2,546,084, Mar. 20.
Pocket, Garment. I. M. Falk. 2,577,318, Dec. 4.
Pocket insert for a woman's purse. M. E. W. Smith. 2,538,280, Jan. 16.
Pocketknife having retractable blades. J. B. Eaton and D. M. Dunklee. 2,552,945, May 15.
Pocket, Overall. C. R. Wood. 2,543,216, Feb. 27.
Pointer for fusible crayons, candles, and the like. W. N. Herbert and H. E. Hamblet. 2,580,092, Dec. 25.
Pointer for strip dials. E. K. Madan. 2,555,751, June 5.
Pointer name plate for control knobs. H. C. Meyers. 2,537,782, Jan. 9.
Poising balance wheels of time instruments. W. Kohlhagen. 2,538,528, Jan. 16.
Poker chip stand. R. B. Moyer. 2,569,324, Sept. 25.
Polar co-ordinate cathode-ray tube. R. E. Rutherford. 2,570,008, Oct. 2.
Polarity changer. R. H. Lee. 2,541,427, Feb. 13.
Polarity pulsing of triggers. R. C. Paulsen. 2,569,827, Oct. 2.
Polarity reverser. G. E. G. Graham. 2,568,801, Sept. 25.
Polarized electromagnetic operator with damped coil armature. J. Lukacs. 2,556,816, June 12.
Polarized electromagnetic relay. R. E. H. Carpenter. 2,559,399, July 3.
Polarized operator for telephone receivers. J. F. Dalton. 2,567,365, Sept. 11.
Polarizer for rifle tube sights. R. V. Lloyd. 2,554,864, May 29.
Polarizing head for magnetic recorders. H. A. Howell. 2,546,927, Mar. 27.
Polarizing means for reducing headlight glare and other purposes. J. F. Dreyer. 2,562,895, Aug. 7.
Pole, Adjustable. G. H. Hines. 2,560,109, July 10.
Pole incising machine. H. B. Tinling. 2,563,758, Aug. 7.
Pole kicking apparatus. T. G. Rogers. 2,540,993, Feb. 6.
Pole line bonding clamp. A. A. Hocher. 2,552,173, May 8.
Pole rest, Fisherman's. D. Montano. 2,566,496, Sept. 4.
Pole storage rack. W. D. Kmentt. 2,575,453, Nov. 20.
Pole straightener. J. H. Crowson. 2,574,248, Nov. 6.
Polish. A. C. Pabst and R. J. Holzinger. 2,561,816, July 24.
Polish applying device for rotary brush-type shoe shining machines. C. E. Danielson. 2,554,525, May 29.
Polish rod stuffing box. G. G. Hebard. 2,567,479, Sept. 11.
Polished rod insulation. W. H. Edwards. 2,574,550, Nov. 13.
Polisher, buffer, and applicator, Domestic electric floor. R. A. Ohmert. 2,544,174, Mar. 6.
Polisher, Rotary floor. D. Clausen. 2,540,510, Feb. 6.
Polishing aluminum, Anodically. C. L. Faust. 2,550,544, Apr. 24.
Polishing compound and carrier therefor. J. Lupo. 2,545,291, Mar. 13.
Polishing of metals, Electrolytic. J. Mazia. 2,539,455, Jan. 30.
Polishing machine. O. Thau-Jensen. 2,557,207, June 19.
Polishing machine for impeller wheels. H. C. Stieglitz. 2,547,056–7, Apr. 3.
Polishing machine for turbine blades. E. Dackor, E. F. Nelboeck, and O. Thiel. 2,543,236, Feb. 27.
Polishing machine having horizontally positioned motor, Rotary floor. J. P. Steibel. 2,544,862, Mar. 13.
Polishing machine having horizontally positioned motor, Rotary floor. J. P. Steibel. 2,545,635, Mar. 20.
Polishing machine, Wheel. F. L. Armitage and E. N. Broden. 2,537,625, Jan. 9.
Polishing or lapping machine. J. G. Kaveny. 2,538,461, Jan. 16.

Polishing pad. H. F. Ritterbusch and H. L. Langevin. 2,544,940, Mar. 13.
Polishing sheet. R. G. Riedesel. 2,542,058, Feb. 20.
Pollenizing device. I. A. Marchant and E. P. Johnson. 2,548,487, Apr. 10.
Poly-acetoacetyl derivatives of polyamines as azo components in diazotype photo-printing material. W. H. von Glahn and L. N. Stanley. 2,537,106, Jan. 9.
Polyacylated amino diols. L. L. Bambas. 2,543,270, Feb. 27.
Polyalkanolamine condensed with fatty acid mixture. G. Zinzalian. 2,538,929, Jan. 23.
Polyalkyl benzophenone mixture. H. L. Johnson and A. P. Stuart. 2,580,300, Dec. 25.
Polyalkylated phenols, Hydrogenated. A. C. Whitaker and W. W. Weinrich. 2,574,078, Nov. 6.
Poly-(alkyl-substituted)-silanes, Production of. D. B. Hatcher. 2,555,589, June 5.
Polyallyl-type alcohols from polyallyl-type formates, Production of. R. R. Whetstone and T. W. Evans. 2,545,182–3, Mar. 13.
Polyamide resin from dimerized unsaturated fatty acids of natural fatty oils. T. F. Bradley. 2,555,111, May 29.
Polyamide resins. D. T. Mowry and E. L. Ringwald. 2,537,689, Jan. 9.
Polyamides, Fluorinated. A. L. Allewelt. 2,570,180, Oct. 9.
Polyamides from caprolactam, Preparation of. T. Koch and N. Benninga. 2,562,797, July 31.
Polyamides of high molecular weight utilizing 1:4-bis-(3-aminopropoxy)-cyclohexane, Production of. G. B. May and J. W. Fisher. 2,577,621, Dec. 4.
Polyamino alcohols and preparing them. M. Senkus. 2,550,646, Apr. 24.
Polyaryl methane dyes of the rosaniline type, Producing. S. A. Loukomsky and G. S. Herrick. 2,542,544, Feb. 20.
Polyaryl polyparaffins. W. E. Kemp. 2,548,982, Apr. 17.
Polyarylene-siloxanes and making same. M. Sveda. 2,562,000, July 24.
Polyazo dyestuffs. W. Bossard and M. Reding. 2,545,872, Mar. 20.
Polyazo dyestuffs. P. Hindermann. 2,544,087, Mar. 6.
Polyazo dyestuffs. W. Widmer. Re. 23,380, June 12.
Polyazo dyestuffs. W. Widmer. 2,538,180, Jan. 16.
Polycarboxylated naphthalene derivatives, Preparing. J. M. Straley and C. W. Wayman. 2,578,759, Dec. 18.
Polycarboxylic acid products, Production of. R. J. Miller. 2,576,625, Nov. 27.
Polychlorinated vinylcyclohexene and its use as insecticide. H. L. Johnson and A. P. Stuart. 2,564,534, Aug. 14.
Polychlorophenoxyacetic acids, Preparation of. J. C. R. Warren. 2,561,547, July 24.
Polycyclic di-epoxy ethers. W. D. Niederhauser. 2,543,419, Feb. 27.
Polycyclic sulfonates, Alkylated. W. H. Kirkpatrick and D. L. Wilson. 2,568,736, Sept. 25.
Poly-enolic organic compounds used to modify physical properties of thermoplastic polymers. E. L. Kropa. 2,552,329, May 8.
Poly-ester–amides, Production of. J. G. N. Drewitt and G. F. Harding. 2,547,113, Apr. 3.
Polyester drying oil. Z. W. Wicks, Jr. 2,558,025, June 26.
Polyesters from heterocyclic components. J. G. N. Drewitt and J. Lincoln. 2,551,731, May 8.
Polyether substituted oxazolidines and the like. J. J. Carnes. 2,571,985, Oct. 16.
Polyethylene as a liner for tacky rubber. W. D. Calvert. 2,541,498, Feb. 13.
Polyethylene bonded to copper by means of a layer of cuprous oxide integral with copper base. S. G. Foord. 2,551,591, May 8.
Polyethylene dispersion and making same. H. H. Roberts, Jr. 2,561,951, July 24.
Polyethylene glycol esters of acyloxycarboxylic acids. E. M. Filachione, M. L. Fein and C. H. Fisher. 2,573,701, Nov. 6.
Polyethylene polyamine activated organic peroxide catalyzed synthetic rubber emulsion polymerizations. R. L. Provost. 2,560,741, July 17.
Polyethylene polyamine activated organic peroxide catalyzed synthetic rubber emulsion polymerizations. R. L. Provost. 2,577,432, Dec. 4.
Poly-ethylene poly-amino acid compounds. F. C. Bersworth. 2,564,092, Aug. 14.
Polyethylene stabilized with diphenylamine. C. S. Myers. 2,543,329, Feb. 27.
Polyethylene-wax compositions. H. G. Schneider, D. W. Young, and J. P. Rocca. 2,577,816, Dec. 11.
Polyethylene-wax laminating composition. P. S. Barnhart and J. C. Miller. 2,551,087, May 1.
Polyfluorinated compounds. J. Harmon. Re. 23,425, Oct. 30.
Polyfluoro alicyclic hydrocarbons and their preparation, Saturated. P. L. Barrick. 2,540,088, Feb. 6.
Polyfluoroalkanoic compounds and their preparation. K. L. Berry. 2,559,629, July 10.
Polyfunctional compositions. C. G. Goebel. 2,573,433, Oct. 30.
Polygonal box. C. D. Welshenbach. 2,565,188, Aug. 21.
Polygraph. J. E. Reid. 2,538,125, Jan. 16.
Polyhalophthalocyanine pigments, Producing. F. H. Moser. 2,549,842, Apr. 24.
Polyhydric alcohols. H. Wittcoff and J. R. Roach. 2,537,726, Jan. 9.
Polyhydric alcohols and related products, Preparing. W. F. Gresham. 2,570,792, Oct. 9.
Polyhydric phenolic ether-modified drying oils and making same, Unsaturated. J. B. Rust and W. B. Canfield. 2,563,873, Aug. 14.
Polyhydroxy anthraquinone sulfonic acids, Manufacture of. C. Bamberger and J. W. Orelup. 2,575,155, Nov. 13.
Polymer curing process. R. H. Dudley. 2,557,641, June 19.
Polymeric azines, hydrazonitriles, and azonitriles. J. W. Hill. 2,556,876, June 12.
Polymeric carboxy amide compounds and their production. W. D. Jones. 2,571,251, Oct. 16.
Polymeric compositions from vinyl tertiary hydroxy ketones and preparation thereof. R. S. Wilder and D. F. Herman. 2,540,153, Feb. 6.
Polymeric compounds. W. R. Saner. 2,564,726, Aug. 21.
Polymeric compounds from N,N′-dicarbophenoxy-2,4-diamino toluene and hexamethylene glycol, Manufacture of high. H. Dreyfus. 2,568,885, Sept. 25.
Polymeric esters of natural drying oil fatty acids. W. J. Wayne. 2,566,268, Aug. 28.
Polymeric hydrocarbon drying oils. G. F. Leyonmark and P. E. Hardy. 2,569,383, Sept. 25.
Polymeric imido-esters prepared from maleic adducts of fatty acid esters and bis-azolines. S. P. Rowland. 2,547,498, Apr. 3.
Polymeric imido-esters prepared from maleic anhydride heteropolymers and 2(11-hydroxy-8-heptadecenyl) oxazolines. S. P. Rowland. 2,554,959, May 29.
Polymeric imido-esters prepared from maleic heteropolymers and azolines. S. P. Rowland. 2,543,601, Feb. 27.
Polymeric imido-esters prepared from maleic heteropolymers and bis-azolines. S. P. Rowland. 2,543,602, Feb. 27.
Polymeric lubricating oil additives. J. H. Bartlett. 2,575,992, Nov. 20.
Polymeric lubricating oils, Preparing. C. W. Montgomery, W. I. Gilbert, and R. E. Kline. 2,559,984, July 10.
Polymeric materials. A. E. Polson. 2,579,451, Dec. 18.
Polymeric materials and making same, Cross-linked. P. W. Morgan. 2,539,920, Jan. 30.
Polymeric materials derived from di-2-propenyl phthalates. P. O. Tawney. 2,568,872, Sept. 25.
Polymeric materials in sheet form, Production of. A. Burness and E. G. Williams. 2,579,138, Dec. 18.
Polymeric polyamine salt compositions. M. E. Cupery. 2,579,033, Dec. 18.
Polymeric polyether polyhydric alcohols. S. O. Greenlee. 2,558,949, July 3.
Polymeric resinous products containing repeating units of silicon linked to nitrogen and making same. N. D. Cheronis. 2,579,418, Dec. 18.
Polymeric thermoreversible gels. G. D. Jones. 2,555,646, June 5.
Polymeric tri-β-hydroxyethyl cyanurate. P. Adams. 2,557,625, June 19.
Polymeric ureas, Manufacture of. G. D. Buckley and N. H. Ray. 2,550,767, May 1.
Polymeric vinylidene chloride composition, Thermostable. A. R. Sexton. 2,537,713, Jan. 9.
Polymeric vinylidene chloride compositions. E. D. Serdynsky, J. S. Gowing, R. M. Wiley, and C. B. Havens. 2,577,635, Dec. 4.
Polymeric vinylidene chloride compositions having little tendency to acquire and retain an electric charge. Kropa and J. J. Padbury. 2,539,438, Jan. 30.
Polymeric vinylidene chloride compositions having little tendency to acquire static electricity. E. D. Serdynsky, J. S. Gowing, R. M. Wiley, and C. B. Havens. 2,556,045, June 5.
Polymerizable esters. F. Armitage, J. A. Cottrell, and D. H. Hewitt. 2,558,667, June 26.
Polymerization in the presence of a double fluoride catalyst. H. J. Passino. 2,546,930, Mar. 27.
Polymerization in the presence of an organo-phosphorus compound as an activator. J. A. Loritsch. 2,543,635, Feb. 27.
Polymerization in the presence of dibutyl sulfite as an accelerator. J. A. Loritsch. 2,543,636, Feb. 27.
Polymerization of alkylolamides of the acrylic acid series. G. D. Jones. 2,576,839, Nov. 27.
Polymerization of an alkoxy hydrocarbon silane by oxidation. J. B. Rust and C. A. MacKenzie. 2,572,876, Oct. 30.
Polymerization of butadiene and styrene, Continuous. J. N. Street and R. F. Dunbrook. 2,560,027, July 10.
Polymerization of butadiene hydrocarbons in the presence of a trithiocarbonate. E. S. Blake and J. R. Durland. 2,547,150, Apr. 3.
Polymerization of butadiene-1,3 hydrocarbons in aqueous emulsion in the presence of a ferricyanide, a diazomercapto compound, and an alcohol. H. P. Brown and R. J. Houston. 2,566,821, Sept. 4.
Polymerization of dehydrogenated rosin acids and derivatives. D. S. Breslow. 2,554,810, May 29.
Polymerization of dibromobutene. F. E. Frey and F. E. Condon. 2,562,090, July 24.
Polymerization of ethylenically unsaturated compounds with cyanuric triazide catalyst. H. F. Park and H. A. Walter. 2,579,442, Dec. 18.

Polymerization of formaldehyde to paraformaldehyde with alkaline catalyst. R. L. Craven. 2,551,365, May 1.
Polymerization of isoolefins with complex Friedel-Crafts metal halide catalysts. R. W. Dornte. 2,561,729, July 24.
Polymerization of liquid polymerizable organic compounds in elongated shapes. J. Boyko. 2,576,712, Nov. 27.
Polymerization of monoalkylethylenes. C. M. Fontana. 2,571,354, Oct. 16.
Polymerization of monomeric vinyl chloride in the presence of aqueous acetic acid solution and a peroxygen type catalyst. R. J. Wolf. 2,564,292, Aug. 14.
Polymerization of N-vinyl compounds. D. E. Sargent. 2,560,251, July 10.
Polymerization of N-vinyl pyrrole compounds. W. Freudenberg. 2,546,924, Mar. 27.
Polymerization of olefin mixtures. J. C. Reid, Jr. 2,539,523, Jan. 30.
Polymerization of styrenes in the presence of alcohol diluents and unsaturated peroxides. H. P. Staudinger. 2,543,306, Feb. 27.
Polymerization of rosin. D. S. Breslow. 2,554,487, May 29.
Polymerization of rosin. B. L. Hampton. 2,551,436, May 1.
Polymerization of trifluorochloroethylene in the presence of silver ion, bisulfite ion and persulfate. J. M. Hamilton, Jr. 2,569.524, Oct. 2.
Polymerization of unsaturated alcohols. H. Dannenberg and D. E. Adelson. 2,541,155, Feb. 13.
Polymerization of unsaturated compounds utilizing a catalyst mixture. F. L. M. Schouteden and R. G. Tritsmans. 2,565,783, Aug. 28.
Polymerization of vinyl acetate in granular form. C. L. Boyce. 2,555,286, May 29.
Polymerization of vinyl alkyl ethers with aluminum hexahydrosulfate. S. A. Mosley. 2,549,921, Apr. 24.
Polymerization of vinyl chloride in an aqueous HOCl—Cl_2—H_2SO_3 system. A. Hill and W. J. Burkholder. 2,555,407, June 5.
Polymerization of vinyl chloride in aqueous suspension to produce granular polymers. T. Boyd and F. J. Lucht. 2,580,277, Dec. 25.
Polymerization of vinyl compounds in the presence of heterocyclic nitrogen compounds as activators. C. A. Uraneck. 2,578,910, Dec. 18.
Polymerization of vinylcyclohexene. H. L. Johnson and A. P. Stuart. 2,576,515, Nov. 27.
Polymerization of vinylcyclopropane. J. P. Jones. 2,540,950, Feb. 6.
Polymerization of vinylcyclopropane and its homologues and derivatives. J. P. Jones. 2,540,949, Feb. 6.
Polymerization products of certain resins containing both hydroxyl and allyl radicals, and making same. M. de Groote. 2,574,546, Nov. 13.
Polymerization process. J. H. Bannon. 2,542,459, Feb. 20.
Polymerization process. D. W. Chaney. 2,537,030, Jan. 9.
Polymerization process. A. D. Green and E. T. Marshall. 2,560,340, July 10.
Polymerization reaction vessel. J. F. Nelson. 2,577,856, Dec. 11.
Polymerization termination agent. W. H. Watson. 2,577,390, Dec. 4.
Polymerization with organic tertiary amine catalysts. J. B. Dickey and H. W. Coover, Jr. 2,559,855, July 10.
Polymerization with tetraborohypophosphoric acid catalyst. W. W. Johnstone. 2,559,576, July 3.
Polymerized chloroprene latex containing aluminous cement, Stabilized. R. H. Cubberley and C. E. Dill. 2,556,575, June 12.
Polymerized fatty oils. J. C. Konen and E. T. Clocker. 2,547,760, Apr. 3.
Polymerized polyester resin materials of superior water resistance and electrical properties, Production of. W. I. Weaver. 2,549,732, Apr. 17.
Polymerized unsaturated tetrafluorosuccinate ester. E. L. E. D. Serdynsky, J. S. Gowing, R. M. Wiley, and C. B. Havens. 2,537,712, Jan. 9.
Polymerizing acrylonitrile in the presence of alkali metal soap of mahogany acids. C. H. Basdekis. 2,548,282, Apr. 10.
Polymerizing bis-diphenylene ethylene. R. J. S. Jennings and A. F. Williams. 2,578,479, Dec. 11.
Polymerizing butadiene-1,3 hydrocarbons in aqueous emulsion in the presence of mercapto-substituted monocarboxylic acid esters. J. C. McCool. 2,568,648, Sept. 18.
Polymerizing divinyl benzene and polyolefinic esters. B. Phillips, Jr. and W. M. Quattlebaum, Jr. 2,543,335, Feb. 27.
Polymerizing ethylene glycol terephthalate. L. A. Auspos and J. B. Dempster. 2,578,660, Dec. 18.
Polymerizing fatty oils. P. Meerburg. 2,558,494, June 26.
Polymerizing glycidyl compounds. J. G. Erickson. 2,556,075, June 5.
Polymerizing furfuryl alcohol. A. P. Dunlop and P. R. Stout. 2,570,027, Oct. 2.
Polymerizing high vinyl chloride-low vinylidene chloride copolymers. J. L. Schick. 2,538,049–50, Jan. 16.
Polymerizing large bodies of resins. H. F. Minter and M. M. Leven. 2,579,596, Dec. 25.
Polymerizing olefins. M. M. Holm and G. E. Langlos. 2,579,433, Dec. 18.
Polymerizing olefins at subatmospheric temperatures. J. M. Powers. 2,561,226, July 17.
Polymerizing phenol-containing vinylidene chloride. T. W. Sarge. 2,553,982, May 22.
Polymerizing polyunsaturated esters. F. B. Pope. 2,568,658, Sept. 18.
Polymerizing unsaturated compounds. G. R. Barrett. 2,537,015, Jan. 9.
Polymerizing vinylidene compounds. C. A. Brighton and J. J. P. Staudinger. 2,543,094, Feb. 27.
Polymers and copolymers of acenaphthylene, Production of. R. G. Flowers and E. D. Elliott, Jr. 2,563,524, Aug. 7.
Polymers from a composition consisting of a plurality of amino acid N-carboanhydrides. R. N. MacDonald. 2,572,844, Oct. 30.
Polymers from allylic alcohol monoethers of trihydric alcohols. H. Dannenberg and D. E. Adelson. 2,545.689, Mar. 20.
Polymers of acrylonitrile, Preparing. E. C. Chapin and G. E. Ham. 2,559,155, July 3.
Polymers of alkyl α-acyloxyacrylates. W. O. Kenyon, T. T. M. Laakso, and C. C. Unruh. 2,559,635, July 10.
Polymers of cyclic dimers of diolefins as plasticizers for oil resistant elastomers. A. M. Gessler. 2,553,651, May 22.
Polymers of esters of oxygen-heterocyclic carbinols. C. W. Smith. 2,537,921, Jan. 9.
Polymers of hexafluoropropene. J. C. Sauer. 2,549,935, Apr. 24.
Polymers of polymethylsilylenes and preparing the same. C. A. Burkhard. 2,554,976, May 29.
Polymers of quaternarized acrylamido compounds as anion exchange resins. J. A. Anthes. 2,567,836, Sept. 11.
Polymers of reaction products of alkyl amines and methylene-bis-methacrylamide. P. B. Dalton. 2,576,502, Nov. 27.
Polymetaphosphate solutions, Preparation of. R. K. Iler and F. J. Wolter. 2,557,109, June 19.
Polymetaphosphoric acid solutions from kurrol salts, Preparation of. W. E. Mochel. 2,557,132, June 19.
Polymethine dyes, Preparing. S. G. Dent, Jr., and L. G. S. Brooker. 2,537,880, Jan. 9.
Polymethylbenzyl esters of water-soluble acids. A. P. Kozacik and A. N. Sachanen. 2,554,709, May 29.
Polymyxin antibiotic. G. C. Ainsworth and C. G. Pope. 2,565,057, Aug. 21.
Polymyxin production. R. G. Benedict. 2,571,104, Oct. 16.
Polynitro organic compounds, Production of. W. I. Denton, R. B. Bishop, and E. M. Nygaard. 2,538,298, Jan. 16.
Polyolefinic hydrocarbon drying oils, Producing. R. J. Lee and P. S. Drennan. 2,575,718, Nov. 20.
Polyolefinic hydrocarbons, Production of. A. E. Hoffman. 2,538,001, Jan. 16.
Polyoxyethylene glycol superesters, Production of. S. M. Livengood. 2,567,076, Sept. 4.
Polyoxypropylene-benzenesulfonamides. L. G. Lundsted. 2,577,256, Dec. 4.
Polyphase circuit interrupter. A. Van Ryan. 2,567,411, Sept. 11.
Polyphase dynamoelectric machine, Two-speed. L. A. Kilgore. 2,575,716, Nov. 20.
Polyphase fluorescent lamp circuit. E. Q. Adams. 2,565,-110, Aug. 21.
Polyphase induction motor control. W. R. Wickerham and C. M. Avery. 2,565,157, Aug. 21.
Polyphase reactive component measuring device. A. J. Petzinger. 2,565,824, Aug. 28.
Polyphosphonic esters. H. J. Hagemeyer, Jr., and A. Bell. 2,566,194, Aug. 28.
Polysilicon oxyhalides. R. R. Myers. 2,559,167, July 3.
Polysiloxane grease and preparation. C. C. Currie. 2,551,931, May 8.
Polysiloxane resin containing an aryl phosphinic acid or diaryl ester thereof. H. Ellerhorst, Jr. 2,553,643, May 22.
Polysiloxane resins, Preparation of. C. D. Doyle. 2,542,641, Feb. 20.
Polysilthianes. L. S. Moody. 2,567,724, Sept. 11.
Polystyrene beads, Production of. H. M. Hutchinson and J. J. P. Staudinger. 2,566,567, Sept. 4.
Polystyrene composition, Plasticized. R. B. Seymour. 2,574.439, Nov. 6.
Polystyrene dispersions, Preparing. F. H. Norris. 2,548,318, Apr. 10.
Polystyrene emulsion in formamide, preparation thereof and coating therewith. E. L. Carr. 2,537,644, Jan. 9.
Polystyrene emulsions, Preparing stable. F. H. Norris. 2,545,702, Mar. 20.
Polystyrene, Manufacture of. L. E. Wakeford, D. H. Hewitt, E. Booth, and R. H. Buckle. 2,556,488, June 12.
Polysulfide polymer. J. C. Patrick. 2,553,206, May 15.
Polysulfone resin process and composition. F. E. Frey. 2,543,842, Mar. 6.
Polytetrafluoroethylene coating compositions. L. K. Osdal. 2,562,117–18, July 24.
Polytetrafluoroethylene packing material and making same. W. E. Llewellyn. 2,578,523, Dec. 11.

Polytetrahaloethylene films, Producing. H. F. Puppolo. 2,540,962, Feb. 6.
Polythene layer bonded to another layer by ethylene-vinyl acetate interpolymer adhesive. A. F. Chapman. 2,543,229, Feb. 27.
Polythio polyethers, Terminally unsaturated. W. E. Vaughan and F. F. Rust. 2,563,383, Aug. 7.
Polythionates as medicinal cosmetics, Stabilized. T. E. Neesby. 2,551,627, May 8.
Polythioureas, Production of. A. S. Carpenter and D. L. Wilson. 2,566,717, Sept. 4.
Polyunsaturated nitrogen-containing compounds and polymers thereof. J. A. Bralley. 2,568,608, Sept. 18.
Polyvalent metal pectinate films and producing same. H. S. Owens and T. H. Schultz. 2,542,052, Feb. 20.
Polyvinyl acetal resin stabilized with dicyandiamide-formaldehyde reaction product. R. N. Crozier, E. Lavin, and A. T. Marinaro. 2,555,320, June 5.
Polyvinyl acetal resins. H. S. Bloch. 2,545,683, Mar. 20.
Polyvinyl acetal stabilized with melamine-formaldehydes. R. N. Crozier, E. Lavin, and A. T. Marinaro. 2,555,876, June 5.
Polyvinyl acetals, Preparing. J. Bisch. 2,561,458, July 24.
Polyvinyl acetate emulsion compositions, Preparation of freeze-stable. D. Schoenholz and G. O. Morrison. 2,536,470, Jan. 2.
Polyvinyl acetate emulsion, Plasticized. H. C. Brinker. 2,577,734, Dec. 11.
Polyvinyl acetate molding composition. G. F. Metz. 2,555,274, May 29.
Polyvinyl alcohol gels. D. E. Sargent. 2,571,706, Oct. 16.
Polyvinyl alcohol gels. D. E. Sargent. 2,580,362, Dec. 25.
Polyvinyl alcohol-maleic acid-acetic acid esters, Production of. R. R. Lyne and A. W. S. Clark. 2,555,050, May 29.
Polyvinyl alcohol objects, Preparation of shaped. G. D. Patterson and H. M. Stark. 2,543,801, Mar. 6.
Polyvinyl alcohol-1-butene-1,3-dione reaction product and producing the same. G. D. Jones. 2,536,980, Jan. 2.
Polyvinyl azine sound track coating. T. G. Veal and G. P. Waugh. 2,544,906, Mar. 13.
Polyvinyl butyral product. R. E. Cairns. 2,571,992, Oct. 23.
Polyvinyl carbazole composition. W. F. Busse. 2,540,748, Feb. 6.
Polyvinyl chloride compositions. Heat stabilized. G. R. Buchanan, Jr. 2,542,179, Feb. 20.
Polyvinyl chloride compositions, Plasticized. H. R. Gamrath and W. E. Weesner. 2,557,091, June 19.
Polyvinyl chloride compositions stabilized with a mixture of a monoalkoxyethyl fumarate or maleate and a basic lead salt. J. R. Darby. 2,539,362, Jan. 23.
Polyvinyl chloride plasticized with an ester and a petroleum extract. E. W. M. Fawcett and A. Millien. 2,580,290, Dec. 25.
Polyvinylchloride printing roller. J. Spencer. 2,536,323, Jan. 2.
Polyvinyl chloride resin plasticized with a mixture of polyalkylated benzophenones. H. L. Johnson and A. P. Stuart. 2,580,301, Dec. 25.
Polyvinyl ester-ester interchange process. E. W. Eckey. 2,558,548, June 26.
Polyvinyl esters, Preparation of mixed. H. Rudoff. 2,574,984, Nov. 13.
Polyvinyl ethers, Preparation of. H. Rudoff. 2,537,706, Jan. 9.
Polyvinyl formal resin, Plasticized. W. R. Richard. 2,541,667, Feb. 13.
Polyvinyl formal resin, Plasticized. W. R. Richard. 2,561,314–15, July 17.
Polyvinyl halide compositions. J. V. Hunn. 2,566,205, Aug. 28.
Polyvinyl halides, Plasticized. J. Dazzi. 2,563,312–13, Aug. 7.
Polyvinyl halides, Plasticized. W. S. Emerson and R. A. Heimsch. 2,552,269, May 8.
Polyvinyl resin, Plasticized. S. J. Hetzel. 2,545,811, Mar. 20.
Polyvinyl resins, Granular. N. Turnbull. 2,550,503, Apr. 24.
Polyvinyl resins, Modified. H. E. Weaver and E. G. King. 2,536,114, Jan. 2.
Pontoon, Rowboat safety. F. A. Keelen. 2,544,599, Mar. 6.
Pontoon structure and making the same, Hollow. H. E. Anthony. 2,547,146, Apr. 3.
Pony-cycle for children. N. J. Powlick. 2,541,718, Feb. 13.
Popcorn machine. S. M. Waas. 2,554,802, May 29.
Popcorn popping device. C. B. Hobbs. 2,570,126, Oct. 2.
Popping corn. H. A. Skinner. 2,577,666, Dec. 4.
Porcelain enamel and making same. B. J. Sweo. 2,563,502, Aug. 7.
Porcelain enameled tank. W. H. Martin. 2,540,052, Jan. 30.
Porcelain enameling process. E. R. Zademach and W. W. Clarke. 2,570,299, Oct. 9.
Porch and step railing, Knockdown. R. E. Tomb. 2,576,427, Nov. 27.
Pork hocks, Preparing. C. Ruggiero. 2,553,113, May 15.
Porosimeter and using same. G. G. Hebard. 2,537,668, Jan. 9.
Porous bodies, Making. J. K. Selden. 2,540,354, Feb. 6.
Port closure, Frangible. H. C. Otis and H. C. Laird. 2,552,110, May 8.
Port end construction for open-hearth furnaces. C. F. Pollen. 2,548,908, Apr. 17.
Port sealing unit for valve assemblies. E. D. Williams. 2,556,668, June 12.
Portable air cooler. W. A. Uttz. 2,562,589, July 31.
Portable and adjustable bench clamp. T. T. Hill. 2,544,532, Mar. 6.
Portable and emergency equipment for inductive carrier communication systems. E. W. Breisch. 2,574,167, Nov. 6.
Portable and foldable steam cabinet. J. Sziklay. 2,539,710, Jan. 30.
Portable beverage case. W. H. Sutton. 2,542,162, Feb. 20.
Portable book-record holder. L. J. Vidal. 2,580,141, Dec. 25.
Portable breaker unit with bar-screen separator in the material feed structure. R. D. MacDonald. 2,567,389, Sept. 11.
Portable clipping tool. S. G. Blumensaadt. 2,574,811, Nov. 13.
Portable cold beer dispenser. C. O. Marx. 2,541,709, Feb. 13.
Portable collapsible ironing board. A. P. Lantz. 2,545,475, Mar. 20.
Portable communion cabinet. J. H. Sweeney. 2,576,052, Nov. 20.
Portable conduit-gripping tool. B. Hartman. 2,566,413, Sept. 4.
Portable cooler. G. M. Acton. 2,570,300, Oct. 9.
Portable cylinder grinding tool. T. G. Pocci. 2,578,149, Dec. 11.
Portable dishwasher. J. Borzell and N. B. Hunter. 2,565,798, Aug. 28.
Portable drier. B. Campbell. 2,541,332, Feb. 13.
Portable dynamometer brake. B. L. Britt. 2,563,153, Aug. 7.
Portable electric orchard heater. O. A. Nelson. 2,551,039, May 1.
Portable equipment for inductive carrier communication systems. A. R. Doucette. 2,574,777, Nov. 13.
Portable evaporative cooler. J. O. Gerow. 2,557,276, June 19.
Portable extensible lift. G. E. Keroson. 2,573,575, Oct. 30.
Portable filing case. J. E. Diefendorf, Jr. 2,573,412, Oct. 30.
Portable foldable ironing board. A. P. Lantz. 2,558,141, June 26.
Portable folding swing support. W. M. Hudson. 2,562,616, July 31.
Portable garment hanger. E. E. Bailey. 2,577,397, Dec. 4.
Portable gun rack. J. E. Nogle. 2,577,713, Dec. 4.
Portable hand spray pump. G. C. Pittenger. 2,567,496, Sept. 11.
Portable heater. J. S. Fagan. 2,556,804, June 12.
Portable hydraulic press. B. N. Ashton and E. V. Barkow. 2,536,709, Jan. 2.
Portable ironing board. C. G. McNulty. 2,567,613, Sept. 11.
Portable jack. E. Wolf. 2,543,308, Feb. 27.
Portable lifting jack. J. C. Rauscher, Sr. 2,557,465, June 19.
Portable liquefied gas container. R. W. Thomas. 2,553,486, May 15.
Portable liquid container. J. J. Brehany and P. M. Ahlstrand. 2,567,164, Sept. 11.
Portable lubricant pressure pump. M. Garancher. 2,563,716, Aug. 7.
Portable machine tool. R. Agustoni. 2,539,003, Jan. 23.
Portable nursery chair. W. I. La Baw. 2,573,104, Oct. 30.
Portable or stationary multiple air jack. D. T. Haines, Sr. 2,546,596, Mar. 27.
Portable power-driven tool. F. P. Forss. 2,566,183, Aug. 28.
Portable power-driven tool. G. B. Larson. 2,569,244, Sept. 25.
Portable power unit. W. M. Shoffner. 2,567,128, Sept. 4.
Portable power wrench. M. W. Bardwell. 2,578,279, Dec. 11.
Portable projection screen. L. J. Du Mais and J. T. Heck. 2,546,299, Mar. 27.
Portable rack. G. R. McAlpine and J. C. Bowlware. 2,549,498, Apr. 17.
Portable receptacle. L. Wolf. 2,542,173, Feb. 20.
Portable receptacle support. B. V. Griffin. 2,550,554, Apr. 24.
Portable refrigeration box. A. Albert. 2,566,301, Sept. 4.
Portable sander tool. M. H. Wickman. 2,554,763, May 29.
Portable sheet material cutter. W. N. Bird and A. J. Comstock. 2,570,195, Oct. 9.
Portable spin riveting tool. R. Dittmann. 2,536,595, Jan. 2.
Portable steam generator. W. G. Chausse. 2,572,317, Oct. 23.
Portable suction cleaner. H. E. Queen. 2,536,219, Jan. 2.
Portable tangent screen. R. I. Pritikin. 2,576,358, Nov. 27.
Portable tool. A. Benjamin. 2,567,095, Sept. 4.

Portable typewriter carrying case. E. E. Mogenson. 2,545,742, Mar. 20.
Portable vacuum cleaner. C. A. Frost. 2,537,523, Jan. 9.
Portable, visual, and electric traffic signal. D. L. Beall and H. C. Menges. 2,564,145, Aug. 14.
Portable visual and electric traffic signal. M. H. Nusbaum and D. L. Beall. 2,564,170, Aug. 14.
Porosity tester for coating materials. T. J. Connor. 2,572,597, Oct. 23.
Porous articles from trifluorochloroethylene polymer, Manufacture of. M. A. Coler. 2,573,639, Oct. 30.
Porous composition made with substituted carbamyl amino acid as blowing agent. E. W. Gluesenkamp. 2,572,568, Oct. 23.
Portfolio. A. O. Benson. 2,568,941, Sept. 25.
Portfolio. S. Segal. 2,568,131, Sept. 18.
Porthole to louver converter. J. M. Kline. 2,562,103, July 24.
Position-adjusting mechanism. C. E. Cushman. 2,579,305, Dec. 18.
Position and movement reproducing apparatus. R. P. Ireland. 2,574,104, Nov. 6.
Position indicating control apparatus. C. W. Park and J. C. Kilpatrick. 2,562,637, July 31.
Position indicator. W. J. James and W. G. Bayha. 2,569,106, Sept. 25.
Position reproducing system. W. J. Yost. 2,558,118, June 26.
Position sensing device. D. H. Gridley. 2,575,342, Nov. 20.
Position stabilizing device. J. W. Dawson. 2,539,772, Jan. 30.
Position target, Dual. D. Powers. 2,540,288, Feb. 6.
Positioner, Printing plate. J. S. Daniels. 2,559,533, July 3.
Positioning a forming die with respect to a core tube. S. E. Brillhart. 2,546,629, Mar. 27.
Positioning means for pneumatic thread removers. C. P. Bergstrom. 2,568,606, Sept. 18.
Positioning mechanism. H. A. Stamper. 2,553,951, May 22.
Positioning mechanism for machine tools. J. B. Armitage. 2,560,149, July 10.
Positioning structure for cathode-ray tubes. L. H. Davis and S. I. Tourshou. 2,551,790, May 8.
Positive case emptying device for cartridge disassembling machines. F. E. Costello. 2,565,474, Aug. 28.
Positive grip lifting tool. P. W. Penn. 2,550,424, Apr. 24.
Positive ion beam gun. K. G. Hernqvist. 2,570,124, Oct. 2.
Positive-locking hook. W. E. McCormick. 2,577,790, Dec. 11.
Positively operated control. C. H. Tindal and L. K. Davis. 2,550,097, Apr. 24.
Post driver. W. Jarrell. 2,557,873, June 19.
Post driving apparatus. E. L. Notestein. 2,551,896–7, May 8.
Posthole auger. G. L. Austin and E. B. Byrd. 2,578,033, Dec. 11.
Posthole auger for power saws. A. E. McKinstry. 2,576,799, Nov. 27.
Posthole digger. R. M. Folken. 2,543,282, Feb. 27.
Post hole digger and earth remover, Combination. L. D. Vogel. 2,576,199, Nov. 27.
Posthole digger, Power-driven. G. H. Haines. 2,557,049, June 12.
Post office box construction, Interchangeable. D. Becker. 2,563,094, Aug. 7.
Post pulling apparatus. W. H. Osmundson. 2,537,234, Jan. 9.
Post pulling mechanism for tractors. A. W. Braun. 2,553,077, May 15.
Post setter. B. A. Chambers. 2,568,540, Sept. 18.
Post sign. D. S. McGuire. 2,539,546, Jan. 30.
Post splicer, Adjustable. T. Sato. 2,563,556, Aug. 7.
Post, Universal binding. J. F. Drescher. 2,567,510, Sept. 11.
Postage printing die protection means. W. J. Hanson and A. G. Russell. 2,568,624, Sept. 18.
Postage stamp container. L. J. McElroy. 2,576,091, Nov. 27.
Postage stamp dispenser. L. G. Gendernalik. 2,546,738, Mar. 27.
Poster, Multiplex laminated. J. X. J., Callahan. 2,549,419, Apr. 17.
Poster panel. N. Oberding. 2,568,165, Sept. 18.
Posture aid seat. J. Kailenta. 2,557,874, June 19.
Pot and sink protector. F. and M. Mazzola. 2,569,247, Sept. 25.
Pot, Coffee. E. B. Moore. 2,562,433, July 31.
Pot, Electrically heated soldering. J. De Rugeris. 2,564,427, Aug. 14.
Pothook, Painter's. H. R. Thurgate. 2,536,967, Jan. 2.
Pot lid holder. J. F. Calvert. 2,543,832, Mar. 6.
Pot spinning method, apparatus, and product. J. J. McCann. 2,563,053, Aug. 7.
Potted plant container. W. F. Rothe. 2,550,602, Apr. 24.
Pottery machine. R. A. Maddock. 2,547,588, Apr. 3.
Pottery making machine. M. M. Miller. 2,554,838, May 29.
Potassium carbonate, Production of. K. Büchner. 2,544,748, Mar. 13.
Potassium silicofluoride, Production of. P. Caldwell and D. C. Kieffer. 2,556,064, June 5.
Potassium titanium fluoride, Production of. H. C. Kawecki and E. J. Bielecki. 2,568,341, Sept. 18.
Potassium titanium fluoride, Production of. H. C. Kawecki. 2,577,130, Dec. 4.
Potato cleaning and separating device. W. J. Johnson and L. H. Buckner. 2,578,808, Dec. 18.
Potato punch. R. E. King. 2,557,191, June 19.
Potential producing cell. J. M. Booe. 2,538,078–9, Jan. 16.
Potentially reactive curable polymers. E. E. Novotny, G. K. Vogelsang, and E. E. Novotny. 2,561,814, July 24.
Potentiometer. J. G. Brady and C. H. Jackson. 2,559,394, July 3.
Potentiometer. W. F. Muller. 2,570,968, Oct. 9.
Potentiometer. W. D. Van Dyke. 2,558,326, June 26.
Potentiometer, Functional. E. Bromberg and L. I. Freedman. 2,554,811, May 29.
Potentiometer, Ganged. R. W. Searle. 2,543,673, Feb. 27.
Potentiometer, Sine wave. P. Rosenberg. 2,549,389, Apr. 17.
Potentiometric device. T. J. Wilson. 2,551,989, May 8.
Pouch and making same, Tobacco. T. E. Piazze. 2,558,780, July 3.
Pouch and protector, Colostomy. A. C. Wagner. 2,549,348, Apr. 17.
Pouch, Humidor tobacco. A. Tanski. 2,537,196, Jan. 9.
Pouch, Moisture-vapor-proof. J. W. Hutt. 2,565,026, Aug. 21.
Pouch, Storage and laundry. M. M. Ryan. 2,565,394, Aug. 21.
Pouch, Tobacco. H. G. Allen. 2,560,535, July 17.
Poultry and live stock feeder. F. L. Spivey. 2,560,828 July 17.
Poultry band. A. S. Mackey. 2,554,949, May 29.
Poultry feeder. H. E. Baker. 2,552,660, May 15.
Poultry feeder. P. P. Beach. 2,550,215, Apr. 24.
Poultry feeder. J. J. Carmo. 2,570,640, Oct. 9.
Poultry feeder. R. E. Floch. 2,539,536, Jan. 30.
Poultry feeder. E. Lewis. 2,543,916, Mar. 6.
Poultry feeding unit, Individual. R. D. Trelease. 2,578,863, Dec. 18.
Poultry killing rack. L. A. Merrick. 2,570,143, Oct. 2.
Poultry picker finger. J. Pine. 2,562,681, July 31.
Poultry picking machine. E. G. Berg. 2,539,688, Jan. 30.
Poultry picking machine. G. W. Johnson. 2,560,524, July 10.
Pound fishing system. T. P. Duncan, Jr. 2,575,050, Nov. 13.
Pour container. M. C. Falk. 2,561,568, July 24.
Pour seal structure for cartons. J. A. Zinn, Jr. 2,555,526, June 5.
Pouring and sifting closure for containers, Combination. V. L. Leccese. 2,554,710, May 29.
Pouring and sifting device for powdered material, Combined. P. E. L. Bonnefoy. 2,544,524, Mar. 6.
Pouring arc furnace. J. A. Upper. 2,579,885, Dec. 25.
Pouring attachment for containers. F. Massari. 2,558,575, June 26.
Pouring attachment for paint cans. W. W. Cassidy. 2,570,426, Oct. 9.
Pouring castings. J. H. Keating. 2,572,037, Oct. 23.
Pouring closure attachment. W. H. Duggan. 2,536,160, Jan. 2.
Powder-assisted thermochemical stack-cutting. E. Meincke. 2,538,876, Jan. 23.
Powder container sifter top. C. H. Shaver. 2,562,647, July 31.
Powder expulsion means. J. E. Kucher. 2,552,979, May 15.
Powder filling machine. R. D. Delamere. 2,537,333, Jan. 9.
Powder gun. G. B. Mornik. 2,576,804, Nov. 27.
Powder, Producing smokeless. E. P. Reichardt and B. C. Baldridge. 2,543,535, Feb. 27.
Powder puff. L. M. Fox. 2,571,855, Oct. 16.
Powder train interrupter. L. M. Andrews. 2,537,953, Jan. 16.
Powder trap. C. N. Hickman. 2,549,811, Apr. 24.
Powdered glassy phosphate composition and making the same. C. J. Munter. 2,566,424, Sept. 4.
Powdered material compacting press. J. E. Weidner. 2,556,951, June 12.
Powdering machine, Plate. F. T. Powers, Sr., and J. M. Powers. 2,553,209, May 15.
Power actuated shearing tree and brush cutter. C. McFaull. 2,565,252, Aug. 21.
Power-actuated vehicle-moving apparatus. J. Anderson and A. Fraser. 2,572,687, Oct. 23.
Power assisted steering. G. J. Huebner, Jr. and G. L. McCain. 2,551,742, May 8.
Power assistor, Electric. E. G. Staude. 2,553,795, May 22.
Power augmenting drive means for ironing machines. W. H. Bradley. 2,562,349, July 31.
Power boost unit for propeller shafts. N. C. Price. 2,540,456, Feb. 6.
Power brake control with automatic locking means. E. R. Price. 2,544,043, Mar. 6.
Power brake for hoisting drums. R. R. Crookston. 2,545,136, Mar. 13.

Power brake servo mechanism, Hydraulic. G. W. Pontius, III. 2,544,042, Mar. 6.
Power carriage return mechanism and safety features. W. A. Anderson. 2,561,552, July 24.
Power chuck. V. V. Sundt. 2,565,330, Aug. 21.
Power control. N. R. Krause. 2,540,894, Feb. 6.
Power control for fluid motors. W. G. Schutt. 2,545,051, Mar. 13.
Power control switch for pumping wells. J. T. Montgomery. 2,572,372, Oct. 23.
Power conversion device of the vacuum tube type. D. V. Edwards. 2,579,374, Dec. 18.
Power converter. G. H. Ramsey. 2,564,212, Aug. 14.
Power corner cutter. R. Aberle. 2,540,227, Feb. 6.
Power cylinder and piston with leakage control. G. A. Cormier. 2,570,647, Oct. 9.
Power device, Fluid. E. C. Oliver. 2,552,860, May 15.
Power distribution system. C. E. Barkis. 2,568,480, Sept. 18.
Power distribution system. D. A. Ensign. 2,542,404, Feb. 20.
Power distribution. E. J. Fick. 2,540,477, Feb. 6.
Power diversion transmission. O. W. Roosevelt. 2,551,-396, May 1.
Power drive. R. B. Pealer. 2,578,316, Dec. 11.
Power drive for reciprocating saws. R. R. Thomas. 2,567,533, Sept. 11.
Power-driven chuck-operating means for lathes and other machines. H. E., and H. E. Sloan, Jr., and L. B. Swanson. 2,563,970, Aug. 14.
Power-driven friction winch. G. E. Moore. 2,574,981, Nov. 13.
Power-driven, gear-operated, member-holding wrench. N. C. Harris. 2,556,536, June 12.
Power driven mechanism for operating escapement and other instrumentalities of typewriters or like machines. H. J. Hart. 2,563,722, Aug. 7.
Power-driven mechanism for operating type bars and other instrumentalities of typewriters or like machines. H. J. Hart. 2,573,197, Oct. 30.
Power-driven operator. J. G. Baker. 2,549,562, Apr. 17.
Power-driven tool. G. C. Robinson. 2,539,930, Jan. 30.
Power-driven unloading apparatus for trucks or the like. R. B. Turner and H. W. Christgau. 2,537,381, Jan. 9.
Power-driven vine cutter. F. Perry. 2,562,387, July 31.
Power intensifier. E. A. Rockwell. 2,573,277, Oct. 30.
Power lift. T. Brown. 2,538,143, Jan. 16.
Power lift. F. W. Wells and J. T. Kulhavy. 2,563,143, Aug. 7.
Power line service restorer. J. S. Thompson and C. R. Ray. 2,574,801, Nov. 13.
Power measuring system. T. S. Saad. 2,577,543, Dec. 4.
Power mower. W. T. Roberts. 2,547,540, Apr. 3.
Power mower. R. L. Travis. 2,553,731, May 22.
Power mower, Rotating cutting disk type. P. P. Grosso. 2,539,779, Jan. 30.
Power moving apparatus and remote control therefor. C. L. Kern. 2,570,350, Oct. 9.
Power-operated adjusting means for harvester reels. L. M. Chapman and R. E. Whitney. 2,572,700, Oct. 23.
Power-operated impact wrench. F. T. Hamlin. 2,566,661, Sept. 4.
Power-operated loader adjusting mechanism. S. L. Randolph. 2,579,963, Dec. 25.
Power-operated pipe-cutting tool. A. W. Shaw, R. J. Bullard, and F. L. Claire. 2,561,484, July 24.
Power-operated portable tool. W. H. Dean. 2,580,158, Dec. 25.
Power-operated portable wrench. H. H. Woodmansee. 2,558,407, June 26.
Power-operated self-anchoring tree-cutting tool. T. Stennitt. 2,554,220, May 22.
Power operated tabulating mechanism for typewriting machines. H. L. Pitman. 2,580,318, Dec. 25.
Power-operated wood carving tool. R. G. Hayes. 2,543,405, Feb. 27.
Power outlet and power plug, Electrical. H. G. Craig. 2,539,230, Jan. 23.
Power plant. C. H. Jorgensen and W. H. Taylor. 2,556,190, June 12.
Power plant. C. H. Jorgensen and L. C. Dermond. 2,556,191, June 12.
Power plant. C. H. Jorgensen and W. H. Taylor. 2,556,192, June 12.
Power plant. W. J. Parducci. 2,553,867, May 22.
Power plant, Electrically operated. J. S. Oropeza. 2,561,131, July 17.
Power-plant excitation system. C. A. Atwell and C. F. Jenkins. 2,539,173, Jan. 23.
Power plant, Gas turbine. F. M. Owner and F. C. I. Marchant. 2,567,079, Sept. 4.
Power plant, Gas turbine. D. C. Prince. 2,547,660, Apr. 3.
Power plant having means for automatically charging the engine with scavenging air. J. E. Johansson. 2,567,486, Sept. 11.
Power plant, including an electric generator, Multiple. G. Pielstick. 2,579,126, Dec. 18.
Power plant, including normally contrarotating turbine elements for driving a load shaft and means for rotating said elements in the same direction when the turbine is idling. K. Baumann. 2,561,090, July 17.
Power plant lubrication system. L. Rossetto. 2,571,166, Oct. 16.
Power plant mechanism. E. R. Price. 2,572,660, Oct. 23.
Power plant, Multiple engine. E. Ginn. 2,545,458, Mar. 20.
Power plant, Rotary. E. B. Hudson. 2,567,711, Sept. 11.
Power plant system. A. F. Schwendner and O. N. Bryant. 2,546,410, Mar. 27.
Power plant with a variable area nozzle, Gas reaction. N. C. Price. 2,563,270, Aug. 7.
Power plant with axial flow compressor, Gas turbine. A. Howard. 2,548,886, Apr. 17.
Power plant with nested compressor and turbine, Internal-combustion turbine. W. R. Hawthorne. 2,548,975, Apr. 17.
Power-propelling unit for bicycles. M. Viratelle. 2,554,605, May 29.
Power rake. C. S. Reitan. Re. 23,378, June 12.
Power recovery damping system. A. A. Barco. 2,555,828, June 5.
Power rectifier tube. D. B. Clark. Re. 23,424, Oct. 30.
Power regulator. W. J. Garmany, Jr. 2,559,611, July 10.
Power-selective protective device, Ultra high frequency. G. L. Tawney. 2,540,148, Feb. 6.
Power setwork for sawmill carriages. U. R. Lewis. 2,550,360, Apr. 24.
Power shift mechanism for keyboard perforators and counters. T. I. Przysiecki. 2,562,737, July 31.
Power steering control for garden tractors or the like. R. D. Eaglesfield, A. E. Curtiss, and C. W. Meggenhofen. 2,547,695, Apr. 3.
Power steering mechanism. H. W. Price. 2,554,315, May 22.
Power steering mechanism. H. W. Price. 2,557,796, June 19.
Power supply. J. M. Cage. 2,568,484, Sept. 18.
Power supply and charger circuit. J. R. Gelzer. 2,539,015, Jan. 23.
Power supply for image reproducing tubes. J. M. Cage. 2,568,485, Sept. 18.
Power supply, High-voltage. J. M. Cage. 2,568,486, Sept. 18.
Power supply means. R. M. Gilson and L. K. Hedding. 2,579,313, Dec. 18.
Power supply means. A. J. Sorensen. 2,566,969, Sept. 4.
Power supply, Regulated high-voltage. A. E. Hudson, 2,543,632, Feb. 27.
Power supply regulation. B. J. Cosman. 2,555,680, June 5.
Power supply system. A. A. Barco. 2,566,510, Sept. 4.
Power supply system. P. A. Spurr. 2,536,580, Jan. 2.
Power supply system for aircraft. F. A. Kueppers. 2,564,785, Aug. 21.
Power supply, Unidirectional. E. F. De Mers. 2,541,918, Feb. 13.
Power system. L. W. Melcher. 2,564,121, Aug. 14.
Power system control. E. H. Fredrickson. 2,575,053, Nov. 13.
Power system, Locomotive. E. F. W. Alexanderson and A. H. Mittag. 2,549,405, Apr. 17.
Power take-off. R. W. Wagner. 2,548,182, Apr. 10.
Power take-off. R. W. Wagner. 2,578,867, Dec. 18.
Power take-off apparatus for motor vehicles. A. J. Lewus. 2,568,076, Sept. 18.
Power take-off device. H. D. Breen and A. G. Kuellmar. 2,574,372, Nov. 6.
Power take-off for automotive vehicles, Adjustable. W. M. Crump. 2,572,115, Oct. 23.
Power take-off mechanism. M. F. Pacas. 2,539,589, Jan. 30.
Power tension elevating device. E. Woldring. 2,578,871, Dec. 18.
Power terminal, Driven drum. J. D. Christian. 2,540,099, Feb. 6.
Power tool. J. L. Taylor. 2,541,306, Feb. 13.
Power tool chuck. J. Youhouse. 2,575,903, Nov. 20.
Power track drill. D. Richards. 2,555,246, May 29.
Power train connection for change-speed transmissions. O. H. Banker. 2,553,998, May 22.
Power translation mechanism. P. M. Olman. 2,543,929, Mar. 6.
Power transmission. W. K. Beckwith. 2,570,192, Oct. 9.
Power transmission. R. Bourget. 2,559,393, July 3.
Power transmission. O. E. Fishburn. 2,571,434, Oct. 16.
Power transmission. L. B. Forman. 2,551,835, May 8.
Power transmission. D. B. Gardiner, E. F. Klessig, and J. F. Jeannin. 2,544,987, Mar. 13.
Power transmission. D. B. Gardiner, E. F. Klessig, and A. Keel. 2,544,988, Mar. 13.
Power transmision. D. B. Gardiner and B. L. Readman. 2,545,077, Mar. 13.
Power transmission. H. W. Gilfillan. 2,565,494, Aug. 28.
Power transmission. F. T. Harrington, J. A. Martin, G. R. Elliott, and L. W. Haisen. 2,544,990, Mar. 13.
Power transmission. A. M. Lane. 2,549,979, Apr. 24.
Power transmission. P. T. Nims. 2,571,284, Oct. 16.
Power transmission. W. P. Schmitter. 2,560,990, July 17.
Power transmission. W. M. Siesel. 2,557,894, June 19.
Power transmission. H. F. Vickers. 2,570,411, Oct. 9.

Power transmission, Adjustable. R. Devillers. 2,569,559, Oct. 2.
Power transmission and conveyer line. A. G. Kearns. 2,547,581, Apr. 3.
Power transmission and stroke adjustor mechanism. C. H. Scott. 2,567,974, Sept. 18.
Power transmission control mechanism. T. L. Mayrath. 2,575,884, Nov. 20.
Power transmission device. D. G. Roos. 2,545,795, Mar. 20.
Power transmission, Differential hydraulic. A. L. Haynes and V. G. Raviolo. 2,556,758, June 12.
Power transmission, Electromechanical. M. Roseau. 2,561,953, July 24.
Power transmission, Fluid type variable-speed. L. A. Trofimov. 2,576,156, Nov. 27.
Power transmission for ice scoring machines. W. W. Bateman. 2,541,323, Feb. 13.
Power transmission for sewing machines, Electric. M. T. Voigt. 2,536,860, Jan. 2.
Power transmission, Gear belt. W. H. Bendall. 2,562,166, July 31.
Power transmission, including cushioning control for friction drive control mechanism therefor. T. C. Schellinger. 2,540,965, Feb. 6.
Power transmission mechanism. T. W. Millns. 2,564,271, Aug. 14.
Power transmission mechanism. W. P. Osgood. 2,571,159, Oct. 16.
Power transmission mechanism. W. P. Schmitter. 2,540,997, Feb. 6.
Power-transmission mechanism. H. Sinclair. 2,559,740, July 10.
Power transmission mechanism. D. A. Wallace. 2,540,973, Feb. 6.
Power transmission mechanism, Epicyclic. E. J. de Normanville. 2,546,091, Mar. 20.
Power transmission, Reversible. C. Gerst. 2,536,737, Jan. 2.
Power transmission system. T. H. Holmes. 2,547,578, Apr. 3.
Power transmission system, Constant pressure multiple motor hydraulic. P. Simonds. 2,549,989, Apr. 24.
Power transmission system, especially for vehicles. B. Storsand. 2,573,071, Oct. 30.
Power transmission system, Hydraulic. H. I. F. Evernden. 2,548,208, Apr. 10.
Power transmission unit. M. Bitzer. 2,540,319, Feb. 6.
Power transmission unit. J. Y. and J. Y. Dahlstrand, Jr. 2,568,275, Sept. 18.
Power transmission, Variable-speed. P S. Morgan. 2,579,085, Dec. 18.
Power transmission, Variable-speed. L. A. Trofimov. 2,555,016, May 29.
Power transmitting apparatus. H. D. Forse. 2,542,320, Feb. 20.
Power-transmitting apparatus for tractors, Auxiliary. C. W. Mott. 2,551,454, May 1.
Power transmitting belt. W. R. Dray. 2,564,326, Aug. 14.
Power transmitting device. M. S. Baker. 2,557,529, June 19.
Power-transmitting device, Fluid operated variable-speed. D. Schatzel. 2,543,603, Feb. 27.
Power-transmitting mechanism. S. A. Ochs and O. E. Fishburn. 2,571,474, Oct. 16.
Power transmitting mechanism, Flexible. H. C. Pierce. 2,574,657, Nov. 13.
Power-transmitting mechanism for narrow-gauge tractors. P. L. Bannan. 2,569,651, Oct. 2.
Power transmitting system, Telemeter type hydraulic. J. F. Ziskal. 2,573,943, Nov. 6.
Powered trimmer. F. W. Banka. 2,575,038, Nov. 13.
Power unit. P. Altman. 2,571,404, Oct. 16.
Power unit for bicycles. H. H. Dinkins, Jr. 2,552,846. May 15.
Power unit, Portable. W. M. Shoffner. 2,538,276, Jan. 16.
Power unit with fixed piston for producing oscillating motion, Hydraulic. W. P. C. Smith. 2,543,876. Mar. 6.
Power washing centrifugal separator. W. H. Harstick. 2,564,899, Aug. 21.
Powered carrier. A. C. Cleghorn. 2,567,423, Sept. 11.
Preassembled nut and lock washer. O. J. Poupitch. 2,541,096, Feb. 13.
Precast concrete catch basin with street curb inlet. J. V. Curnutte. 2,537,654, Jan. 9.
Precession rate control for automatic pilots. E. P. Turner. 2,555,165, May 29.
Precipitating hydrous vanadium pentoxide. H. E. Dunn, A. D. Wallace and B. Mayer. 2,551,733, May 8.
Precipitation static control for airplanes. H. J. Dana. 2,549,671, Apr. 17.
Precipitator collecting electrode. W. E. Mack. 2,575,181. Nov. 13.
Precision angle and internal taper gauge. C. T. Olson. 2,544,469, Mar. 6.
Precision angle, depth, and height gauge. J. Barker and F. Batcheldor. 2,556,358, June 12.
Precision angle marker. L. J. Haworth and C. W. Sherwin. 2,564,006, Aug. 14.
Precision dial indicator. A. H. Emery, J. J. Bishop, and E. M. Boat. 2,563,402, Aug. 7.
Precision driving system. D. G. C. Hare. 2,577,190. Dec. 4.
Precision mount for magnetic recording-reproducing heads. D. G. C. Hare. 2,560,569, July 17.
Precision resistance and making it. B. B. Scott and A. D. Coggeshall. 2,570,163, Oct. 2.
Precision selector device. J. Morton. 2,565,083, Aug. 21.
Precooling and purification of gaseous mixtures prior to liquefaction. P. M. Schuftan. 2,555,060, May 29.
Precooling combination for precooling a through-lading-load in the usual side door refrigerator car. F. J. Reilly. 2,538,382, Jan. 16.
Predetermining counter. M. E. Toby. 2,538,988, Jan. 23.
Prefabricated artificial tooth retaining member. I. Neustadter. 2,573,804, Nov. 6.
Prefabricated furnace. J. S. Wallis and J. W. Throckmorton. 2,575,202, Nov. 13.
Prefabricating glass block panels. T. K. Almroth and T. K. Almroth, Jr. 2,572,580, Oct. 23.
Prefill valve. R. K. Sedgwick. 2,544,731, Mar. 13.
Preforming apparatus. F. H. Benge. 2,555,109, May 29.
Pregnancy abdominal pillow and casing. A. Leto and F. Bartnik. 2,562,725, July 31.
Pregnane derivatives and process. L. H. Sarett. 2,541,106, Feb. 13.
Pregnane 20-cyanohydrins. L. H. Sarett. 2,558,786, July 3.
Preheater for hair curlers, Electric. H. M. Cook. 2,541,639, Feb. 13.
Preheating and dispensing apparatus, Fluid. A. A. Arvintz, N. A. Arvins, and R. A. Arvintz. 2,565,543, Aug. 28.
Preheating coal for coking. F. Puening. 2,552,014, May 8.
Preheating secondary air feeding furnace door mounted device. J. F. McKeague. 2,549,219, Apr. 17.
Preheating unit for evaporators. J. P. Waltman. 2,553,691, May 22.
Preindexing apparatus for stop bars of paper-cutting machines. M. S. North. 2,539,373, Jan. 23.
Premixing and fuel feeding arrangement for combustion chambers. R. H. Goddard. 2,536,598, Jan. 2.
Preparation and pyrolysis of saturated acetals of crotonaldehyde. R. H. Saunders. 2,573,678, Nov. 6.
Preparation and use of synthesis catalysts. R. A. Beck, E. E. Sensel, and A. J. Millendorf. 2,550,442, Apr. 24.
Preparation of substituted diaminostilbenes from pinacols. M. J. Allen. 2,537,950, Jan. 16.
Preparations for use in agriculture and horticulture. E. G. Finch. 2,570,537, Oct. 9.
Preparing a food product from bacon rinds or pork skins. J. C. Winslow. 2,562,850, July 31.
Preparing a hydrochloride of a sulfa drug composition for poultry. I. W. Martin. 2,566,066, Aug. 28.
Preparing a polyvalent metal soap. A. J. Morway and P. V. Smith, Jr. 2,567,023, Sept. 4.
Preparing a whipping agent from casein. E. B. Oberg, C. E. Nelson, and C. L. Hankinson. 2,547,136, Apr. 3.
Preparing adducts. M. Kosmin. 2,569,420, Sept. 25.
Preparing alpha-beta unsaturated carboxylic acids. J. E. Jansen and W. L. Beears. 2,568,635, Sept. 18.
Preparing an artificial denture. A. A. Nelson. 2,551,812, May 8.
Preparing anhydrous alpha-beta unsaturated carboxylic acids. A. B. Japs. 2,568,636, Sept. 18.
Preparing and canning cabbages. M. Marinkovich. 2,559,081, July 3.
Preparing carbothiolic acids. J. C. McCool. 2,568,020, Sept. 18.
Preparing cellulose for subsequent treatment with sodium hydroxide. J. Seiberlich. 2,549,713, Apr. 17.
Preparing chlorofluoroethylenes. J. J. Padbury and P. Tarrant. 2,566,807, Sept. 4.
Preparing cinema film to depict repetitive variation of subject. J. V. Waller. 2,539,498. Jan. 30.
Preparing dental investments and the like. J. J. Cantor. 2,566,596, Sept. 4.
Preparing dental prosthesis, Method and appparatus for. J. J. Jablonski and C. I. Hummer. 2,577,420, Dec. 4.
Preparing dustless photographic fixing powders. E. S. Wiitala. 2,543,086. Feb. 27.
Preparing finely divided plasticized polymerized materials and products thereof. W. M. Thomas. 2,558,396, June 26.
Preparing 4,4′-nitrophenyl benzoic acid. H. E. Schroeder. 2,567,126, Sept. 4.
Preparing gel. H. A. Shabaker. 2,543,069, Feb. 27.
Preparing heat-hardenable organopolysiloxane resins. E. C. Britton and H. C. White. 2,571,533, Oct. 16.
Preparing heteropolymers of unsaturated carboxylic acids with esters of unsaturated alcohols. M. Baer. 2,562,852, July 31.
Preparing high-temperature lubricating greases. A. J. Morway and J. J. Kolfenbach. 2,576,033, Nov. 20.
Preparing ignitable mixtures. H. Teegen. 2,578,380, Dec. 11.
Preparing liquid copolymers of ethylene and styrene. D. W. Young and W. H. Smyers. 2,563,631, Aug. 7.
Preparing low molecular weight isocyanates. J. P. Mason. 2,544,709, Mar. 13.
Preparing low specific gravity light colored tannin. G. Carrara. 2,548,588, Apr. 10.

Preparing metal salts of penicillin. M. Tishler. 2,577,865, Dec. 11.
Preparing methacrolein from the dimer thereof. N. M. Bortnick. 2,577,445, Dec. 4.
Preparing n-aryl substituted beta-amino carboxylic acids. T. L. Gresham and F. W. Shaver. 2,568,621, Sept. 18.
Preparing olefin chlorohydrins. M. Neuhaus. 2,566,355, Sept. 4.
Preparing organic polysilicates stable against hydrolysis. G. W. Pedlow, Jr., and C. S. Miner, Jr. 2,566,364, Sept. 4.
Preparing perhaloacetyl peroxide. C. Zimmerman. 2,580,373, Dec. 25.
Preparing photographic silver halide emulsions. E. C. Yackel. 2,565,418, Aug. 21.
Preparing plastic molding compositions. P. B. Taylor. 2,567,978, Sept. 18.
Preparing resins from diisobutylene and cracked petroleum condensates. J. D. Garber, W. J. Sparks, and D. W. Young. 2,559,498, July 3.
Preparing shaped products from polymers and copolymers of acrylonitrile. A. Cresswell. 2,558,730, July 3.
Preparing shark meat for canning. P. W. and G. I. Mader. 2,564,487, Aug. 14.
Preparing simple tertiary thenylamines. H. D. Hartough and S. J. Lukasiewicz. 2,559,567, July 3.
Preparing solid polytrifluorochloroethylene. W. T. Miller. 2,579,437, Dec. 18.
Preparing stable emulsions of thermoplastic synthetic polymers. J. J. P. Staudinger and D. Cleverdon. 2,562,440, July 31.
Preparing substituted hydroxy-methylphosphonic esters. E. K. Fields. 2,579,810, Dec. 25.
Preparing substituted melamines. J. S. Mackay and J. H. Paden. 2,566,225, Aug. 28.
Preparing synthesis gases. A. D. Garrison. 2,566,936, Sept. 4.
Preparing unsupported films of polytetrafluoroethylene. D. E. Edgar. 2,578,522, Dec. 11.
Preparing uranium pentafluoride. C. J. Carignan. 2,567,145, Sept. 4.
Preselective and actuating mechanism for selective speed transmissions. A. A. Ashton and J. A. Amerman. 2,556,834, June 12.
Preselective transmission control for automotive vehicles. G. T. Randol. 2,572,054, Oct. 23.
Preselector mechanism for effecting gear changes. J. Selby. 2,550,383, Apr. 24.
Preselector, Secondary. F. P. Gohorel. 2,546,998, Apr. 3.
Preservation of comestible materials. L. D. Taylor. 2,546,568, Mar. 27.
Preservation of food products. L. B. Jensen. 2,550,255–6, Apr. 24.
Preservation of food products. L. B. Jensen. 2,550,258–9, Apr. 24.
Preservation of food products. L. B. Jensen. 2,550,261, Apr. 24.
Preservation of food products. L. B. Jensen and W. R. Hess. 2,550,253, Apr. 24.
Preservation of food products. L. B. Jensen and W. A. Miller. 2,550,257, Apr. 24.
Preservation of food products. L. B. Jensen and W. A. Miller. 2,550,260, Apr. 24.
Preservation of food products. L. B. Jensen and W. A. Miller. 2,550,262–7, Apr. 24.
Preservation of food products. L. B. Jensen and J. E. Sherman. 2,550,268–9, Apr. 24.
Preservation of foodstuffs. G. Barsky and E. Rivoche. 2,565,942, Aug. 28.
Preservation of foodstuffs. L. S. Stoloff. 2,567,085, Sept. 4.
Preservation of forage crops. C. R. Thompson. 2,562,970, Aug. 7.
Preservation of green fodder. G. Pfuetzer and O. Flieg. 2,552,059, May 8.
Preservation of latex. C. E. Rhines. 2,560,743, July 17.
Preservation of milk by the use of water soluble chlorites. J. D. MacMahon. 2,575,670, Nov. 20.
Preservation of proteins. J. V. Hunn and J. I. Weeks. 2,537,762, Jan. 9.
Preserving composition. G. J. Pritchard. 2,564,276, Aug. 14.
Preserving eggs. C. Ross. 2,561,137, July 17.
Preserving food, Method and package for. N. S. Bagdigian. 2,569,217, Sept. 25.
Preserving foodstuffs, Method and apparatus for. K. A. Smith and A. L. Grinnell. 2,576,862, Nov. 27.
Preserving fruit. L. J. Harriss. 2,536,176, Jan. 2.
Preserving mixed food. S. J. Zimmermann. 2,549,743, Apr. 17.
Preserving moisture-containing cellular foodstuffs. E. Rivoche. 2,572,762, Oct. 23.
Preserving plant tissues. G. R. Fessenden. 2,567,929, Sept. 18.
Preserving prunes in containers. W. I. Battaglia. 2,548,284, Apr. 10.
Preserving spray dried food products. P. F. Sharp and A. J. Wasson. 2,541,441, Feb. 13.
Preserving vegetables. W. Gündel, E. Meyer, W. Offermann, and H. Fuchs. 2,570,664, Oct. 9.
Preset speed device for adjustable speed motors. F. W. Baumann and K. P. Grenfell. 2,561,837, July 24.
Presetting cabinet. H. Richter. 2,572,893, Oct. 30.
Press: *See*—
- Automatic press.
- Automatic sole playing press.
- Chain carriage sheet feed rotary printing press.
- Cheese press.
- Clamp frame press.
- Coil forming press.
- Cooky press.
- Double-acting mold press.
- Double-action metal drawing press.
- Double lever press.
- Drill press.
- Earth-pot press.
- Eccentric duplex briquetting press.
- Extruding press.
- Extrusion press.
- Forging press.
- Forming and drawing press.
- High-speed mechanical power press.
- High-speed metal drawing press.
- Hydraulic power press.
- Hydraulic press.
- Hydraulically operated transfer molding press.
- Metal drawing press.
- Metalworking power press.
- Moisture-extracting hydraulic press.
- Molding press.
- Multicolor printing press.
- Multiple-speed drill press.
- Multiple unit printing press.
- Paintbrush press.
- Piano hammer press.
- Platen levelling multiple ram press.
- Pneumatically operated hydraulic press.
- Portable hydraulic press.
- Powdered material compacting press.
- Propeller shank forming press.
- Punch press.
- Roller press.
- Rotary offset sheet perfecting press.
- Screw press.
- Shank press.
- Shear press.
- Sheet fed offset perfecting press.
- Soap press.
- Suspended frame type tire bead loosening press.
- Tilting head press.
- Tobacco press.
- Transfer molding press.
- Triple-action press.
- Two-color rotary offset sheet press.
- Underdrive punch press.
- Veneer press.

Press. J. T. Dalton. 2,579,176, Dec. 18.
Press. R. W. Glasner and E. K. Johansen. 2,550,061, Apr. 24.
Press. F. Lyijynen. 2,543,582, Feb. 27.
Press. E. L. Schulman. 2,575,734, Nov. 20.
Press brake crank bearing structure. L. R. Williamson. 2,536,674, Jan. 2.
Press, especially bale case construction, Baling. G. B. Hill and M. E. McClellan. 2,558,250, June 26.
Press for pressure molding, Mechanical. G. Oyer. 2,539,319, Jan. 23.
Press for rubber footwear. A. Bánovský. 2,553,999, May 22.
Press for rubber tires, Vulcanizing. A. Kruzik. 2,558,140, June 26.
Press for super-posed impressions, Bed and cylinder. G. Kargl. 2,577,016, Dec. 4.
Press for the molding of thermosetting plastics, Automatically operating universal hydraulic. E. Menzel. 2,556,818, June 12.
Press for vulcanizing mechanical articles. L. E. Soderquist. 2,559,377, July 3.
Press for working materials under predetermined temperature conditions. F. J. Trözmüller. 2,562,399, July 31.
Press mechanism. W. C. Denison, Jr. 2,580,078, Dec. 25.
Press wheel attachment for grain drills. W. A. Hyland and R. R. Borngraeber. 2,563,172, Aug. 7.
Press wheel scraper. W. P. Oehler. 2,571,285, Oct. 16.
Press with servo control, Hydraulic. C. E. Adams, V. V. Blasutta, and H. V. Mog. 2,580,062, Dec. 25.
Press with vibrating die for forming powder metal blanks. R. P. Seelig. 2,549,642, Apr. 17.
Pressed metal clothes hanger. L. F. Ozlek. 2,548,810, Apr. 10.
Presser device for sewing machines. H. Ritter. 2,550,499, Apr. 24.
Presser foot. W. G. Reynolds. 2,570,007, Oct. 2.
Presser foot bar lifting mechanism for sewing machines. G. C. Sporney. 2,558,010, June 26.
Presser foot control apparatus. T. Kotzin and J. C. Ivey. 2,544,029, Mar. 6.
Presser foot control for sewing machines. M. Muc. 2,580,238, Dec. 25.
Presser foot for sewing machines, Edge stitching. F. Vanadia and C. Rosetto. 2,545,980, Mar. 20.
Presser foot lifting attachment for sewing machines. L. C. Preston. 2,576,357, Nov. 27.
Presser-foot mechanism for rug sewing. J. P. Enos. 2,560,334, July 10.
Presser foot, Sewing-machine. V. M. Ginwright. 2,548,361, Apr. 10.
Presser, Garment. M. M. Berger. 2,560,920, July 17.
Pressing in a multiple platen press. W. C. Goss. 2,550,687, May 1.
Pressing iron. I. H. Boring. 2,542,858, Feb. 20.
Pressing machine operating device. S. E. Osborn. 2,555,759, June 5.
Pressing machine pad cover. J. J. Frank and H. K. Rea. 2,561,850, July 24.
Pressing machine, Pneumatic pressure. C. S. Powell and P. R. T. Hahn. 2,537,700, Jan. 9.
Pressing machine, Rotatable buck reciprocating head. O. H. Pearson. 2,556,147, June 5
Pressing machine, Shoe. C. K. Woodman. 2,575,436, Nov. 20.

Pressing machine, Sole. E. F. Small. 2,556,402, June 12.
Pressing sheet lumber. W. C. Goss. 2,542,025, Feb. 20.
Pressing zipper tapes. W. T. Carson. 2,536,262, Jan. 2.
Pressure accumulator. I. E. Weber and J. Blumenfeld. 2,550,892, May 1.
Pressure accumulator or stabilizer for use with tree spraying apparatus. H. R. and R. R. Butler. 2,538,897, Jan. 23.
Pressure actuated collet-type chuck. E. G. Smitka. 2,562,134, July 24.
Pressure actuated switch. J. L. Pauly. 2,554,266, May 22.
Pressure adhesive tape and sheet. M. H. Nickerson. 2,554,791, May 29.
Pressure adjustment and trip for printing cylinders. H. E. Peyrebrune. 2,568,761, Sept. 25.
Pressure and temperature relief valve. W. M. Dillon. 2,570,432, Oct. 9.
Pressure applicator for plastic bindings of hard cased books. F. J. Cashin and H. W. Wolf. 2,572,243, Oct. 23.
Pressure applying and relieving device. F. T. N. Patten. 2,564,922, Aug. 21.
Pressure bomb for chemical and physical reactions. E. Buehler. 2,547,521, Apr. 3.
Pressure booster. J. H. Anderson. 2,539,292, Jan. 23.
Pressure booster and control valve therefor. C. E. Stryker. 2,569,028, Sept. 25.
Pressure breathing regulator. B. B. Holmes. 2,544,991, Mar. 13.
Pressure cabin system. A. B. Jepson and J. B. Cooper. 2,539,430, Jan. 30.
Pressure casting apparatus. W. R. Ling. 2,561,062, July 17.
Pressure container and closure. A. Vischer, Jr. 2,538,661, Jan. 16.
Pressure control. W. B. Altsheler. 2,565,059, Aug. 21.
Pressure control device. D. H. Greene. 2,558,356, June 26.
Pressure control for thrust nozzles for turbines. D. M. Poole. 2,566,961, Sept. 4.
Pressure control system and method, Doctor blade. G. Stevenson. 2,566,811, Sept. 4.
Pressure control system for aircraft cabins. B. E. Del Mar. 2,549,673, Apr. 17.
Pressure converter means. E. A. Rockwell. 2,536,140, Jan. 2.
Pressure cooker. W. L. Morrison, Jr. 2,538,583, Jan. 16.
Pressure cooker. W. L. Morrison, Jr. 2,559,728, July 10.
Pressure cooker, Automatic gas and electric. I. Page. 2,537,695, Jan. 9.
Pressure cooker closure fastener. W. J. Russell. 2,549,243, Apr. 17.
Pressure cooker closure structure. B. F. Andersson. 2,578,389, Dec. 11.
Pressure cooker gauge. R. J. Ingham, Jr. 2,541,256, Feb. 13.
Pressure cooker, Safety. S. E. Richeson. 2,549,387, Apr. 17.
Pressure cooking procedure. K. L. Ford. 2,555,230, May 29.
Pressure delay valve. E. E. Meier. 2,568,924, Sept. 25.
Pressure dyeing apparatus for textile packages. E. J. Abbott. 2,577,727, Dec. 11.
Pressure equalizing device. O. D. Uhle, H. J. Dietz, and G. R. Struck. 2,566,266, Aug. 28.
Pressure filling system. E. E. Martin. 2,536,299, Jan. 2.
Pressure filter. F. W. Benedict. 2,552,305, May 8.
Pressure fitting for tube joints. D. P. Hynes and H. H. Moss. 2,547,394, Apr. 3.
Pressure fluid controlling device. P. Van Sittert and L. G. Speth. 2,551,916, May 8.
Pressure fluid engine. J. J. Kupka. 2,560,295, July 10.
Pressure fluid motor. E. G. Gartin. 2,566,378, Sept. 4.
Pressure fluid motor. F. E. Sinclair. 2,566,377, Sept. 4.
Pressure fluid motor. F. H. Umberger. 2,538,812, Jan. 23.
Pressure fluid operated apparatus for throwing heavy objects. F. W. Moffett, Jr. 2,548,439, Apr. 10.
Pressure fluid seal. C. B. Kidney. 2,555,492, June 5.
Pressure gas generation control. R. M. Nardone. 2,578,443, Dec. 11.
Pressure gauge. H. Allen. 2,537,729, Jan. 9.
Pressure gauge. R. L. Coultrip. 2,577,608, Dec. 4.
Pressure gauge. L. D. Johnson. 2,561,204, July 17.
Pressure gauge. I. E. Mather. 2,563,732, Aug. 7.
Pressure gauge. H. M. Putman. 2,566,369, Sept. 4.
Pressure gauge. F. S. Saunders. 2,540,176, Feb. 6.
Pressure head for veneer lathe. W. J. Miller and A. C. Johnson. 2,562,472, July 31.
Pressure holding and dispensing container. R. H. Lindsey. 2,536,226, Jan. 9.
Pressure indicating device. H. B. Jansen. 2,542,414, Feb. 20.
Pressure-indicating gauge closing switches at selected pressures. P. W. Harland. 2,540,444, Feb. 6.
Pressure-indicating means. J. A. Chyba. 2,536,031, Jan. 2.
Pressure indicator. A. F. Welch. 2,571,507, Oct. 16.
Pressure measuring. C. P. Yaglou. 2,558,805, July 3.
Pressure measuring apparatus. A. A. Hejduk. 2,562,494, July 31.
Pressure measuring device. W. A. Arnold. 2,577,066, Dec. 4.
Pressure measuring device. J. M. Brady. 2,564,669, Aug. 21.
Pressure measuring device. L. Cook. 2,539,892, Jan. 30.
Pressure measuring device. W. R. Perret. 2,554,792, May 29.
Pressure mechanism for box forming machines. J. A. Zinn, Jr. 2,547,899, Apr. 3.
Pressure monitoring device. R. Livingston. 2,567,519, Sept. 11.
Pressure operated control switch. J. J. Rothwell and R. C. Strasser. 2,562,437, July 31.
Pressure operated mechanism. S. Hackney. 2,577,462, Dec. 4.
Pressure operated switch. F. R. Colgan, Jr. 2,560,276, July 10.
Pressure operated switch. D. B. Gardiner and E. A. Viale. 2,536,735, Jan. 2.
Pressure operated switch. J. C. Koonz and C. L. Piper. 2,541,370, Feb. 13.
Pressure pad for apparatus for measuring forces. H. Abramson. 2,536,117, Jan. 2.
Pressure pad for riveting machines. G. T. Harcourt. 2,539,419, Jan. 30.
Pressure providing device. W. W. Paget. 2,547,169, Apr. 3.
Pressure ratio system. J. H. Andresen, Jr. 2,538,824, Jan. 23.
Pressure reducing diaphragm structure. A. L. Flamm. 2,573,424, Oct. 30.
Pressure reducing valve. S. Lafleur. 2,538,108, Jan. 16.
Pressure reducing valve. C. B. Leach. 2,545,787, Mar. 20.
Pressure regulating apparatus. L. Lee, II. 2,580,030, Dec. 25.
Pressure regulating system for filters. M. Schaer. 2,536,663, Jan. 2.
Pressure regulator. F. Brandstrom and N. N. Belaef. 2,576,443, Nov. 27.
Pressure regulator. E. J. Dillman. 2,577,455, Dec. 4.
Pressure regulator. A. J. Hanssen. 2,557,187, June 19.
Pressure regulator. M. Mennesson. 2,565,616, Aug. 28.
Pressure regulator. R. H. Peterson. 2,544,040, Mar. 6.
Pressure regulator. L. C. Roney. 2,543,203, Feb. 27.
Pressure regulator. F. Sayers. 2,544,186, Mar. 6.
Pressure regulator. W. H. Schmitt. 2,576,540, Nov. 27.
Pressure regulator. C. B. Vickers. 2,566,045, Aug. 28.
Pressure regulator for fuel lines. H. L. Vining. 2,572,786, Oct. 23.
Pressure release device for cream cans. R. T. Dunham. 2,555,477, June 5.
Pressure release for pressure cookers, Safety. W. L. Morrison, Jr. 2,552,642, May 15.
Pressure relief device. O. Fitz Simons. 2,548,298, Apr. 10.
Pressure relief safety device. G. E. White. 2,576,431, Nov. 27.
Pressure relief valve. F. Hribar. 2,577,851, Dec. 11.
Pressure relief valve. P. C. Jurs. 2,576,516–17, Nov. 27.
Pressure relief valve. M. W. Patrick. 2,572,816, Oct. 23.
Pressure relief valve. F. C. Wilson. 2,541,395, Feb. 13.
Pressure relief valve means. W. E. Renick. 2,580,127, Dec. 25.
Pressure-responsive compressed-gas supply gauge. C. P. Seitz. 2,565,526, Aug. 28.
Pressure responsive device. C. D. Branson. 2,554,659, May 29.
Pressure responsive device. G. F. Drake. 2,568,226, Sept. 18.
Pressure responsive device. C. D. Pendleton. 2,546,403, Mar. 27.
Pressure responsive device. T. H. Wiancko. 2,563,899, Aug. 14.
Pressure responsive means. W. W. Paget. 2,544,612, Mar. 6.
Pressure responsive safety switch. C. Steider. 2,552,746, May 15.
Pressure responsive valve. H. U. Garrett and C. M. Peters. 2,552,892, May 15.
Pressure ring for drums, Adjustable. J. Somerville. 2,564,933, Aug. 21.
Pressure roller adjusting means for duplicating machines. F. R. Ford. 2,542,277, Feb. 20.
Pressure roller apparatus. T. T. Solness. 2,554,885, May 29.
Pressure roller bending device for duplicating machines. F. R. Ford. 2,578,413, Dec. 11.
Pressure-sealing apparatus for flight conveyers. H. W. Hapman. 2,559,616, July 10.
Pressure-sensitive adhesives. C. O. Pike and C. W. Bemmels. 2,576,968, Dec. 4.
Pressure sensitive record material. B. K. Green and R. W. Sandberg. 2,550,472, Apr. 24.
Pressure sensitive record materials. B. K. Green and R. W. Sandberg. 2,548,364, Apr. 10.
Pressure sensitive tape dispenser. W. Josselyn. 2,555,747, June 5.
Pressure separating device operating in multiple stages, Continuous. R. M. Thompson. 2,554,968, May 29.
Pressure stop nut. H. R. Harding. 2,569,989, Oct. 2.
Pressure, temperature, and speed control apparatus for supercharged combustion engines. H. T. Sparrow. 2,540,916, Feb. 6.
Pressure temperature relay. J. R. Barr. 2,553,291, May 15.

Pressure testing of pipes. W. H. Woodlief. 2,565,460, Aug. 21.
Pressure tire gauge. W. J. and M. K. Van Heuvel. 2,569,120, Sept. 25.
Pressure welding and arc welding method, Combined. J. A. Donelan. 2,567,012, Sept. 4.
Pressure welding apparatus, Automatic. J. P. Cowie and C. J. Burch. 2,544,749, Mar. 13.
Pressurized breather for free-piston units. W. Kunz. 2,558,444, June 26.
Prestretching cellulose derivative yarns to increase tenacity. T. B. Frearson and E. A. Goodall. 2,554,564, May 29.
Pretensioned spring contact for cutouts. W. O. Schultz. 2,555,158, May 29.
Pretreatment of catalyst for hydrocarbon synthesis. C. E. Hemminger. 2,560,345, July 10.
Pretzel dough extruding and rolling machine. W. M. Young and L. B. Paules. 2,573,754, Nov. 6.
Preventing air leakage through lubricated bearings. F. O. Luenberger. 2,568,861, Sept. 25.
Preventing coke formation in pyrolysis of ketones. J. E. Moise. 2,537,687, Jan. 9.
Preventing condensation of moisture on refrigerator windows. E. O. Hanson and H. R. Gartner. 2,542,136, Feb. 20.
Preventing corrosion in pipe-line transportation of refined petroleum oils. L. V. Sorg, R. E. Dickey, and W. A. Weaverling. 2,548,630, Apr. 10.
Preventing corrosion in wells. R. C. Buchan. 2,560,331, July 10.
Preventing corrosion of metals. C. Phillips, Jr. 2,577,626, Dec. 4.
Preventing detonation in internal-combustion engines and means adapted to practice said process. E. J. Houdry. 2,552,555, May 15.
Preventing foaming of aqueous absorption liquids when employed in the removal of acid constituents present in gaseous mixtures. I. A. Peterson and E. S. Palmer, Jr. 2,544,564, Mar. 6.
Preventing gelation during heating of resinous isoolefin polymers. W. J. Sparks, D. W. Young, and J. D. Garber. 2,548,503, Apr. 10.
Preventing loss of cold air from refrigerated spaces. H. H. Voelker. 2,558,997, July 3.
Preventing loss of iodine from iodine in the elementary state and all of its compounds. H. C. Maffitt. 2,550,015, Apr. 24.
Preventing slagging in tubular element gas heating furnaces, Method of and apparatus for. H. Kleiber. 2,565,857, Aug. 28.
Preventing the accumulation of ice on aircraft surfaces and the like. J. M. Davies. 2,567,804, Sept. 11.
Prevention of coke formation in pyrolysis of acetone. L. A. Nicolai, E. W. S. Nicholson, and J. O. Smith. 2,537,079, Jan. 9.
Prevention of corrosion in process of extracting mercaptans. R. A. Baker. 2,572,301, Oct. 23.
Prevention of corrosion of steel by brine containing dissolved oxygen. G. A. Marsh. 2,574,576, Nov. 13.
Prevention of corrosion of structural metals by hydrogen sulfide, air, and water. G. A. Marsh. 2,571,739, Oct. 16.
Prevention of corrosive wear of moving metal parts. A. Wachter and N. Stillman. 2,563,764, Aug. 7.
Prevention of deterioration in seeds. A. M. Altschul, M. Z. Condon, and M. G. Lambou. 2,571,095, Oct. 16.
Prevention of enzymatic discoloration of potatoes. A. L. Schade. 2,569,075, Sept. 25.
Prevention of erosion by moving solids. P. W. Garbo. 2,578,003, Dec. 11.
Prevention of fogging of transparent packages. C. M. Carson. 2,561,010, July 17.
Prevention of mist formation in sulfuric acid plants. J. G. Melendy. 2,539,519, Jan. 30.
Prevention of solid deposits in Fischer-Tropsch plant lines. W. C. Lanning. 2,572,633, Oct. 23.
Price tag, Adjustable. R. J. Murphy. 2,541,776, Feb. 13.
Price tag and name card holder. W. E. Huelsmeyer. 2,566,837, Sept. 4.
Price tag holder. A. Beals. 2,564,517, Aug. 14.
Price tag holder. J. M. Pratt. 2,576,950, Dec. 4.
Price tag holder. C. R. Walker. 2,547,239, Apr. 3.
Price ticket. H. S. Owen. 2,546,012, Mar. 20.
Primary amines, Manufacture of. H. F. Oxley and E. B. Thomas. 2,550,020, Apr. 24.
Primary cell. A. B. Fry, R. C. Kirk, and P. F. George. 2,547,908, Apr. 3.
Primary cell. P. F. George, A. B. Fry, and R. C. Kirk. 2,547,909, Apr. 3.
Primary cell. S. Ruben. 2,536,696, Jan. 2.
Primary cell. S. Ruben. 2,561,215, July 31.
Primary cell and battery. S. Ruben. 2,536,697, Jan. 2.
Primary cell and battery and making same. H. M. Zimmerman and N. C. Cahoon. 2,572,296, Oct. 23.
Primary cell construction. R. F. Hadley, 2,562,906, Aug. 7.
Primary cell with permanganate depolarizer. S. Ruben. Re. 23,427, Oct. 30.
Primary control for burners. J. J. Rothwell and L. B. Wagner. 2,578,947, Dec. 18.
Primary electric cell. R. W. Lewis and A. Linton. 2,571,732, Oct. 16.
Primary electric cell. R. P. Richardson and R. W. Lewis. 2,542,094, Feb. 20.
Primary ignition system. E. J. Kangas. 2,579,928, Dec. 25.
Prime mover regulator. N. E. Starkey, C. B. Lewis, and M. A. Edwards. 2,558,592, June 26.
Primer for internal-combustion engines, Heated. R. F. Casteel. 2,553,079, May 15.
Print-making machine, Photographic one-step process. W. Bornemann. 2,552,251, May 8.
Print rolls, Making. J. M. Goulding. 2,544,455, Mar. 6.
Print-wheel mechanism. J. A. Caldwell. 2,542,475, Feb. 20.
Printed electronic circuit. A. S. Khouri and R. L. Wolff. 2,566,666, Sept. 4.
Printed form holder. B. K. Slonneger. 2,541,619, Feb. 13.
Printer and changeable light source therefor. W. L. Sullivan. 2,568,097, Sept. 18.
Printer and drier for planographic printing plates, Combined. R. A. Dalton. 2,578,048, Dec. 11.
Printer, Projection. J. Rabinowitz and S. P. Zbell. 2,557,685, June 19.
Printer with contrast filters. V. J. Forgett. 2,557,182, June 19.
Printer's quoin. J. E. Lee and F. Barney. 2,571,263, Oct. 16.
Printing: *See*—
Bed and cylinder multicolor printing.
Printing and adhesive sheeting for use therein, Planographic. C. H. Van Dusen, Jr. 2,540,158, Feb. 6.
Printing and coating paper. D. B. Bradner. 2,555,266, May 29.
Printing and developing solvent images. C. F. Carlson. 2,551,582, May 8.
Printing and enlarging pictures in color. V. C. Stevens. 2,543,073, Feb. 27.
Printing and identification device. W. T. Gollwitzer. 2,557,652, June 19.
Printing and identification device. L. E. Vogt. 2,538,137. Jan. 16.
Printing and issuing machine, Ticket. H. F. Ford. 2,579,254, Dec. 18.
Printing and punching device. R. B. Johnson. 2,554,707, May 29.
Printing and punching means for accounting machines. O. J. Sundstrand. 2,545,636, Mar. 20.
Printing and registering machine, Selectable value ticket. G. E. Sundman. 2,575,897, Nov. 20.
Printing apparatus, Book edge. N. A. Hurwitz. 2,556,474, June 12.
Printing device. A. E. Bowers. 2,571,825, Oct. 16.
Printing device carrier. C. J. Hueber. 2,542,278, Feb. 20.
Printing device, Contact. G. L. Monsen. 2,553,421, May 15.
Printing device for producing graphs, prints, or the like. M. B. Willis. 2,549,150, Apr. 17.
Printing device, Multicolor. A. Murray. 2,566,290, Aug. 28.
Printing device, Record controlled bill. J. E. Dayger and F. S. Huling. 2,573,313, Oct. 30.
Printing device with feed control tape, Record controlled. E. J. Rabenda. 2,569,829, Oct. 2.
Printing device with roller platen, Selective. H. Jetter. 2,547,472, Apr. 3.
Printing electrically, Method and apparatus for. R. M. Schaffert. 2,576,047, Nov. 20.
Printing element or cylinder. W. C. Huebner. 2,546,304, Mar. 27.
Printing ink, Steam set. A. F. Schmutzler and D. F. Othmer. Re. 23,382, June 26.
Printing inks. E. D. Lee, R. J. Schefbauer, Jr., and O. P. Berberich. 2,579,836, Dec. 25.
Printing interpreter. J. Mueller. 2,550,370, Apr. 24.
Printing machine. W. T. Gollwitzer. 2,568,064, Sept. 18.
Printing machine. W. T. Gollwitzer. 2,570,112, Oct. 2.
Printing machine, Automatic. A. Benavides and U. Pers. 2,542,791, Feb. 20.
Printing machine, Automatic show card. L. A. Stinson. 2,541,840, Feb. 13.
Printing machine, Container. G. R. Groce. 2,553,085, May 15.
Printing machine, Continuously driven. J. G. Capstaff. 2,552,255, May 8.
Printing machine controlled by symbol cards. C. H. Stuivenberg. 2,567,134, Sept. 4.
Printing machine, Flat-bed. A. W. Ranger. 2,542,705, Feb. 20.
Printing machine for cylindrical articles, Rotary. F. Shurley. 2,540,554, Feb. 6.
Printing machine frame structure, Rotary. F. Lamatsch. 2,579,264, Dec. 18.
Printing machine, Key controlled. L. F. Mitchell. 2,555,148, May 29.
Printing machine, Keyboard operated. C. Chisholm. 2,578,286, Dec. 11.
Printing machine, Silk screen. G. W. Reinke. 2,555,096, May 29.
Printing machine, Stencil. A. C. Barlow and W V. Paul. 2,579,461, Dec. 25.
Printing machine, Stencil. L. F. D'Autremont. 2,571,685, Oct. 16.
Printing machine, Stencil. G. H. Pembroke. 2,548,119, Apr. 10.

Printing machine, Warp. H. Epstein. 2,573,097, Oct. 30.
Printing machine with checking device to control accumulator entries, Record controlled. G. F. Daly and C. R. Manning. 2,540,026, Jan. 30.
Printing machine with checking device to control accumulator entries, Record controlled. J. E. Dayger and A. N. Miller. 2,536,915, Jan. 2.
Printing machine with multiple impression, Conveyer belt. F. J. Trözmüller. 2,574,941, Nov. 13.
Printing means for selective printing wires. W. Wockenfus. 2,567,308, Sept. 11.
Printing mechanism for cash registers. J. H. Gruver. 2,576,598, Nov. 27.
Printing mechanism for tabulators. W. Wockenfuss. 2,562,253, July 31.
Printing plate and manufacturing. T. I. Ress. 2,558,877, July 3.
Printing plate and method, Plastic. E. H. Reilly. 2,558,269, June 26.
Printing plate and printing. C. Q. Glassey. 2,543,013, Feb. 27.
Printing plate and treatment thereof, Planographic. F. H. Frost. 2,559,610, July 10.
Printing plate mounting and proofing press. F. Moss and J. F. Kirby, Jr. 2,539,965, Jan. 30.
Printing plate, Reversible. W. H. Wolowitz. 2,540,704, Feb. 6.
Printing plates, Making multicolor. F. Fischer. 2,543,623, Feb. 27.
Printing plates, Preparing intaglio. T. Wheldon. 2,543,393, Feb. 27.
Printing plates, Producing. B. Wells. 2,571,397, Oct. 16.
Printing platen, Solenoid actuated. A. J. Park and M. J. Dobes. 2,578,830, Dec. 18.
Printing press delivery mechanism. L. F. Kraft. 2,550,155, Apr. 24.
Printing press frame structure, Rotary. E. W. Worthington and C. V. Knell. 2,577,989, Dec. 11.
Printing process, Cellulose ester lithographic. W. O. Kenyon and J. A. Cathcart. 2,568,503, Sept. 18.
Printing superpolyamide fibers with leuco-ester salts of vat dyestuffs. F. Reichart and K. Schlumpf. 2,554,881, May 29.
Printing system, Electric. W. J. Hooper. 2,558,901, July 3.
Printing system, Telegraphic. J. A. Spencer. 2,579,101, Dec. 18.
Printing tabulating mechanism. H. M. Fleming. 2,570,-931, Oct. 9.
Printing telegraph apparatus. A. E. Thompson. 2,572,075, Oct. 23.
Printing telegraph system. A. A. and M. F. Sweeny. 2,578,025, Dec. 11.
Printing telegraph system and apparatus. L. M. Potts. 2,540,287, Feb. 6.
Printing thermoplastic sheets. L. H. and F. M. Smith. 2,558,791, July 3.
Printing through cellular plates. A. Murray. 2,543,047, Feb. 27.
Printing vat dyes on polyacrylonitrile fabrics using potassium thiocyanate. C. F. Miller. 2,544,892, Mar. 13.
Prismatic dispersion lens. L. D. Bridge. 2,542,114, Feb. 20.
Privacy latch. F. E. Best. 2,576,440, Nov. 27.
Privy, Ready built metal outside. G. C. Fulkerson and J. L. Johnson. 2,573,838, Nov. 6.
Procaine urea. R. N. Lulek. 2,539,848, Jan. 30.
Procaine urea salicylate and obtaining the same. R. N. Lulek. 2,542,971, Feb. 27.
Procedure for making composite metal strip. J. Kinney, Jr. 2,558,093, June 26.
Procedure for making nickel-iron alloys having rectangular hysteresis loops. C. A. Scharschu. 2,558,104, June 26.
Procedure for making slip-lasted shoes with full-length sock lining and preformed counter. J. Meltzer. 2,580,037, Dec. 25.
Procedures for the production of hydroxylamine compounds. R. N. G. Zeegers. 2,555,667, June 5.
Process and apparatus for catalytic conversion of hydrocarbons. G. G. Oberfell and G. N. Cade. 2,546,042, Mar. 20.
Process and machine for converting textile filaments. N. E. Klein. 2,573,717, Nov. 6.
Process control apparatus. G. Tompkins. 2,571,791, Oct. 16.
Process for make-ready. E. H. Affolter. 2,556,511, June 12.
Process for making, and article of, porous cemented carbide. G. W. Lucas. 2,553,714, May 22.
Process for preparing ryanodine. E. F. Rogers. 2,564,610, Aug. 14.
Process of and apparatus for vulcanization. J. H. Ramsey and J. W. Van Riper. 2,561,820, July 24.
Process of and batch for making amber glass. A. K. Lyle. 2,573,855, Nov. 6.
Processes employing fluent solids. D. B. Ardern. 2,561,409, July 24.
Processes employing fluent solids. D. B. Ardern. 2,561,771, July 24.
Processing apparatus for fruits and vegetables. L. McGihon. 2,545,159, Mar. 13.
Processing carbonaceous solids. M. H. Arveson. 2,560,403, July 10.
Processing chamber support for plastic machines. J. W. Hendry. 2,564,203, Aug. 14.
Processing citrus juices. E. M. Burdick and J. S. Allen. 2,563,705, Aug. 7.
Processing electroplated spring steel parts. K. B. Valentine. 2,572,219, Oct. 23.
Processing lubricating oil by solvent-extraction and treating with a phosphorus sulfide and clay and the resulting products. J. D. Bartleson. 2,560,545, July 17.
Processing lubricating oil by treating with a phosphorus sulfide and the resulting products. J. D. Bartleson. 2,560,543, July 17.
Processing lubricating oil by treating with sulfuric acid, a phosphorus sulfide and a base and the resulting products. J. D. Bartleson. 2,560,547, July 17.
Processing lubricating oil by treating with sulfuric acid, a phosphorus sulfide and clay, and the resulting product. J. D. Bartleson. 2,560,544, July 17.
Processing of aqueous comestible solutions. J. A. Cross. 2,548,776, Apr. 10.
Processing of canned food products. G. F. Barnum and E. J. Hanna. 2,539,505, Jan. 30.
Processing of cast elongated articles. L. L. Johnston. 2,563,843, Aug. 14.
Procesing of fatty acids and making grease therefrom. W. B. Whitney. 2,545,126, Mar. 13.
Processing of lignocellulose materials. C. C. Heritage and W. G. Van Beckum. 2,541,058, Feb. 13.
Processing oil and the product produced. C. E. Lane. 2,550,570, Apr. 24.
Processing solvent-extracted lubricating oil by treating with a phosphorus sulfide, a base and clay and the resulting products. J. D. Bartleson. 2,560,548, July 17.
Processing solvent-extracted lubricating oil by treating with phosphorus pentasulfide and a base and the resulting products. J. D. Bartleson. 2,560,546, July 17.
Processing sulfur-vulcanizable elastomer compounds. A. N. Gray. 2,573,707, Nov. 6.
Processing yeast. A. M. Thomsen. 2,555,945, June 5.
Produce box lidder. L. H. Platt, L. H. Platt, Jr., and J. D. Platt. 2,550,292, Apr. 24.
Produce treating apparatus. D. E. Leonard. 2,543,915, Mar. 6.
Producing a corrosion resistant coating on steel. G. H. McIntyre and M. G. Ammon. 2,542,043, Feb. 20.
Producing a detergent composition. J. Limburg. 2,567,645, Sept. 11.
Producing a fabric construction for reinforcing plastics and product. F. J. Meyer and G. K. Hammond. 2,577,205, Dec. 4.
Producing a ferrous metal article infiltrated with a cuprous infiltrant. G. Stern. 2,566,752, Sept. 4.
Producing a low odor naphtha. M. P. Matuszak. 2,544,559, Mar. 6.
Producing a plastic composition from waste nylon fibers. O. M. Arnold. 2,550,650, Apr. 24.
Producing a printing form having a bimetallic surface. C. B. Aller. 2,558,504, June 26.
Producing a reducing sugar and milk product. P. F. Sharp. 2,558,528, June 26.
Producing a siliceous composition and the composition thereof. A. F. Bidaud. 2,567,316, Sept. 11.
Producing a spinnable sliver. B. G. H. Van der Jagt. 2,572,783, Oct. 23.
Producing a variable number of pulses. C. E. Cleeton. 2,536,035, Jan. 2.
Producing activated carbon. J. C. Morrell. 2,546,903, Mar. 27.
Producing adherent coatings on stainless steel to facilitate drawing operations. P. Amundsen and J. A. Hendricks. 2,550,660, May 1.
Producing alloys of alkali metal and lead having a grain form and structure suited to lead alkyl synthesis. S. C. Pyk. 2,561,636, July 24.
Producing alpha cellulose from cottonseed hull fibers. J. L. Eskridge. 2,536,045, Jan. 2.
Producing an ethyl cellulose hot-melt composition. G. H. Pyle and J. S. Tinsley. 2,579,755, Dec. 25.
Producing an impregnated, waterproof, fibrous sheet. C. M. Baskin. 2,541,631, Feb. 13.
Producing an ink-receptive surface on tracing cloth. J. H. Buscher. 2,576,921, Dec. 4.
Producing and refining ethyl alcohol. R. L. Maycock and C. L. Dunn. 2,575,556, Nov. 20.
Producing and separating nitrogen oxides. I. J. James. 2,568,396, Sept. 18.
Producing anils. G. F. Lisk and G. W. Stacy. 2,577,900, Dec. 11.
Producing antibacterial substance. K. A. Folkers and R. L. Peck. 2,564,889, Aug. 21.
Producing apparent solidification of liquid hydrocarbons. J. P. Labour. 2,578,432–3, Dec. 11.
Producing articles from powdered material. W. K. Carter. 2,569,226, Sept. 25.
Producing artificial fibers from high molecular linear polymers or polycondensates. B. Piller, J. Zmatlík, J. Pinkava, and M. Starý. 2,577,915, Dec. 11.
Producing boards. O. H. Örner. 2,544,935, Mar. 13.
Producing bright electroplate on electropolished surfaces. C. L. Faust and J. G. Beach. 2,563,229, Aug. 7.
Producing broken ice. S. A. J. Mansted. 2,549,215, Apr. 17.

Producing carbon black. P. H. Royster. 2,557,143, June 19.
Producing carbon black. C. A. Stokes. 2,564,736, Aug. 21.
Producing clad plate. O. R. Carpenter. 2,580,374, Dec. 25.
Producing colored photographs. P. Raibourn. 2,567,401, Sept. 11.
Producing containers. J. P. Carroll. 2,555,315, June 5.
Producing copolymers by reacting an N-carboxyl anhydride of an alpha aminoacid with an omega aminoacid. E. Kaczalski. 2,578,428, Dec. 11.
Producing cyclonite-containing explosive. H. H. Fassnacht and C. A. Woodbury. 2,548,880, Apr. 17.
Producing decorative bowl-shaped articles of glass by centrifugal action. S. E. R. Palmqvist. 2,572,511, Oct. 23.
Producing diborane. A. E. Finholt. 2,550,985, May 1.
Producing dried whole eggs, Method of and apparatus for. W. N. Lindsay and P. C. Wilbur. 2,571,459, Oct. 16.
Producing drying oil from unsaturated glycerides, conjugated diolefins, and hydrocarbon polymers. E. G. Marhofer. 2,552,684, May 15.
Producing electroforms. W. H. Banks, P. B. Upton, and J. R. Scott. 2,548,765, Apr. 10.
Producing esters of polyphosphoric acids. E. P. Plueddemann. 2,558,380, June 26.
Producing ethers and esters of carbohydrates. J. Lolkema. Re. 23,443, Dec. 18.
Producing fiber tubing. D. G. Magill. 2,539,450, Jan. 30.
Producing fibers, Method and apparatus for. G. S. McElroy. 2,577,204, Dec. 4.
Producing fibrin from whole blood. P. N. E. Naidu and L. W. Murphy. 2,577,353, Dec. 4.
Producing fibrous material, Method and apparatus for. D. W. Kocher. 2,578,707, Dec. 18.
Producing flexible hollow plastic articles. C. L. Milton, Jr. 2,562,204, July 31.
Producing gas from oil. A. H. Schutte. 2,561,419, July 24.
Producing glass articles, Method and apparatus for. A. J. Throm. 2,561,247, July 17.
Producing glass fibers, Method and apparatus for. C. J. Stalego. 2,559,572, July 3.
Producing heat and sound insulation. A. E. Gessler, W. F. Grupe, C. J. Rolle, and F. J. Tuttle. 2,562,711, July 31.
Producing heavy curd. G. J. Strezynski. 2,574,508, Nov. 13.
Producing high-grade iron oxide from ores rich in nickeliferous pyrrhotite. P. E. Queneau, W. K. Sproule, and A. Illis. 2,556,215, June 12.
Producing hydrocarbon resins for coating compositions. O. C. Slotterbeck and D. W. Young. 2,554,273, May 22.
Producing increased refrigeration. W. H. Reed and W. A. Pennington. Re. 23,358, Apr. 17.
Producing insulated coils. A. D. Coggeshall. 2,550,453, Apr. 24.
Producing knitted metallic mesh structures. A. M. Goodloe. 2,565,846, Aug. 28.
Producing lactams or their hydrolytic products. A. Novotný. 2,579,851, Dec. 25.
Producing lamellar polystyrene particles. L. L. Ryden. 2,548,909, Apr. 17.
Producing laminated materials, Method and apparatus for. R. H. Barnard. 2,565,941, Aug. 28.
Producing light and resistant cellular bodies. P. J. Carpentier. 2,576,749, Nov. 27.
Producing liquid air rich in oxygen. P. L. Kapitza. 2,548,377, Apr. 10.
Producing lustrous cellulosic products. J. H. Balthis and F. K. Signaigo. 2,563,637, Aug. 7.
Producing lustrous zinc. A. E. Chester and B. Leonelli. 2,548,420, Apr. 10.
Producing milk of lime and for causticizing green liquor, Method of and means for. R. S. Walker. 2,560,016, July 10.
Producing mixed condensation products. R. B. Porter, Jr. 2,555,605, June 5.
Producing multilayer color negatives containing masking images for color correction purposes. J. S. Friedman. 2,541,865, Feb. 13.
Producing orthotitanic acid. F. L. Kingsbury. 2,564,365, Aug. 14.
Producing oxygen. F. J. Jenny. 2,579,498, Dec. 25.
Producing oxygen. F. J. Jenny and E. G. Scheibel. 2,552,557–61, May 15.
Producing oxygen by the liquefaction and rectification of air. P. W. Garbo. 2,537,046, Jan. 9.
Producing paper drum containers. A. L. Scott. 2,568,664, Sept. 18.
Producing parts. W. J. Scott and C. C. Veale. 2,577,923, Dec. 11.
Producing polychloroprene. W. E. Mochel. 2,567,117, Sept. 4.
Producing porous aggregate mixes. V. E. Watts. 2,565,107, Aug. 21.
Producing porous, lightweight, burned argillaceous material. W. S. Ramsay. 2,543,987, Mar. 6.
Producing porous metallic bodies. W. W. Beaver. 2,540,233, Feb. 6.
Producing precision images. A. R. A. Beeber, D. D. Jacobus, and C. W. Keuffel. 2,559,389, July 3.
Producing products of animal fibers. J. W. Hall, J. P. Hollihan, Jr., and F. F. Morehead. 2,570,443, Oct. 9.
Producing rubbery polymer-acid reaction products. G. E. Rumscheidt and J. T. Hackmann. 2,558,527, June 26.
Producing sealed bags. W. A. Schoen. 2,576,542, Nov. 27.
Producing secondary-electron-emitting surfaces. J. Bramley. 2,548,514, Apr. 10.
Producing soluble coffee. R. Gilmont. 2,563,233, Aug. 7.
Producing sound waves from vibrating strings, Method of and apparatus for. D. H. Pegrum. 2,561,883, July 24.
Producing stable aqueous dispersions of polymer containing plasticizers therefor. E. C. H. Kolvoort. 2,575,553, Nov. 20.
Producing substantially uniform product from lecithin. F. F. Pollak. 2,554,955, May 29.
Producing substituted melamines. J. S. Mackay and J. H. Paden. 2,566,226, Aug. 28.
Producing substituted naphthoquinones. L. F. Fieser. 2,564,967, Aug. 21.
Producing sweetened condensed milk and similar products. D. D. Peebles. 2,565,085, Aug. 21.
Producing synthetic fibers from polymers and copolymers of acrylonitrile. A. Cresswell and I. Wizon. 2,558,733, July 3.
Producing thick sheets from thin films. J. S. Gowing. 2,537,666, Jan. 9.
Producing thiophanes. J. D. Surmatis. 2,579,682, Dec. 25.
Producing thread-cutting chasers. R. M. Strickland and J. V. Arvidson. 2,536,864, Jan. 2.
Producing tunes and voices photoelectrically. E. M. Jones. 2,576,759, Nov. 27.
Producing tungsten. C. G. Fink and C. C. Ma. 2,554,527, May 29.
Producing twisted yarn-like structures, Method and apparatus for. T. H. Johnson and W. L. Thompson, Jr. 2,552,680, May 15.
Producing vacua. P. Alexander. 2,560,913, July 17.
Producing vanillin. H. B. Marshall and C. A. Sankey. 2,544,999, Mar. 13.
Producing water-repellent gypsum sheathing board. T. P. Camp. 2,560,521, July 10.
Producing wear resistant steel rails. F. Hofmann. 2,576,223, Nov. 27.
Producing wooden boards secured against warping. A. E. Lundberg. 2,573,465, Oct. 30.
Producing yarn. F. Honig. 2,557,433, June 19.
Producing yarn. H. Von Kohorn. 2,570,173, Oct. 2.
Product and preparation of periclase. J. C. Hicks and L. W. Austin. 2,571,134, Oct. 16.
Product control in suspension polymerizations. R. C. Reinhardt. 2,543,805, Mar. 6.
Product stacker. E. J. Rapp. 2,564,079, Aug. 14.
Product-type relay. W. K. Sonneman. 2,579,622, Dec. 25.
Production and purification of oxygenated hydrocarbon compounds. C. R. Murphy. 2,579,847, Dec. 25.
Production and separation of a pentachlorophenol. E. A. Bruce. 2,563,815, Aug. 14.
Production and utilization of water-soluble organic gallic acid compositions. A. Schmorr and M. Katz. 2,558,106, June 26.
Production control board. A. B. Corzilius. 2,544,445, Mar. 6.
Production indicating means. J. R. Dunn. 2,548,657, Apr. 10.
Production of a water repelling composition and the composition thereof. A. F. Bidaud and P. P. Peyrot. 2,567,315, Sept. 11.
Production of high electrostatic charges by self-excitation. R. Prochazka. 2,574,284, Nov. 6.
Production of metal from oxide ores. P. Beauchesne and R. S. C. Deville. 2,566,548, Sept. 4.
Production of polyamides by polymerization of lactams. J. Procházka. 2,551,702, May 8.
Production of unsaturated organic compounds. R. L. Adelman. 2,550,439, Apr. 24.
Products of certain dibasic acids and acetone-formaldehyde reaction products. M. T. Harvey and P. L. Rosamilia. 2,571,089, Oct. 16.
Profile generating machine. G. Lyon. 2,564,540, Aug. 14.
Profiling apparatus. G. P. Hafer and L. Stastney. 2,548,669, Apr. 10.
Profiling device for grinding wheels. M. Jellis and T. W. Langley. 2,579,305, Dec. 18.
Profiling machine. C. M. Skinner. 2,547,670, Apr. 3.
Profiling turbine and compressor-blading. W. E. Dazeley. 2,575,865, Nov. 20.
Progesterone suspensions. R. E. Himelick. 2,557,052, June 12.
Program distribution system, Coin-controlled. G. Phelps. 2,542,568, Feb. 20.
Program selector switch. R. L. Berg. 2,536,256, Jan. 2.
Program selector system, Automatic radio. R. F. Yonash. 2,544,409, Mar. 6.
Program-timing mechanism. H. F. Elliott. 2,561,187, July 17.
Programming control system. O. W. Livingston and L. R. Peaslee. 2,537,770, Jan. 9.
Programming device. B. F. Bergman. 2,540,605, Feb. 6.
Progressive arc quencher. C. H. Titus. 2,568,470, Sept. 18.

Progressive release jettison tank. J. E. Redford. 2,550,380, Apr. 24.
Progressively electric resistance butt welding seams at high speed, Method and apparatus for. S. and A. Westin. 2,558,889, July 3.
Projectile. H. H. Hartwell. 2,559,955, July 10.
Projectile-actuated surge generator. C. B. Gardner. 2,544,077, Mar. 6.
Projectile game goal, Aerial. F. J. Hatley. 2,545,615, Mar. 20.
Projectile launching. B. Crawley. 2,549,778, Apr. 24.
Projectile, Making a. E. G. Whipple. 2,573,634, Oct. 30.
Projectile return mechanism for targets. J. L. O'Conner. 2,552,446, May 8.
Projectile, Rocket. F. Short. 2,545,496, Mar. 20.
Projectile, Shotgun. A. A. Rouse. 2,573,362, Oct. 30.
Projecting speed indicator. H. Dvorkin. 2,579,806, Dec. 25.
Projection apparatus, Concrete. B. Møller and E. B. Nimskov. 2,565,696, Aug. 28.
Projection apparatus, Fashion previewing. A. D. Scott 2,545,675, Mar. 20.
Projection apparatus for positive and negative image pairs. W. S. Aldrich. 2,558,999, July 3.
Projection lens barrel for Schmidt lens system. V. Trad. 2,567,745, Sept. 11.
Projection machine. F. H. Owens. 2,539,521, Jan. 30.
Projection machine film drive and rewinding mechanism F. H. Owens. 2,543,125, Feb. 27.
Projection machine, Photogrammetric. H. T. Kelsh. 2,552,975, May 15.
Projection machine, Still picture. A. J. Bradford. 2,553,075, May 15.
Projection micro-document reading lamp device. G. Cordonnier. 2,562,297, July 31.
Projection photogrammetric plotting apparatus. E. Santoni. 2,574,123, Nov. 6.
Projection room wall. R. H. McCullough. 2,573,858, Nov. 6.
Projection screen. C. C. Pond. 2,552,455, May 8.
Projection screen support. A. L. Raven. 2,571,382, Oct. 16.
Projector and optical comparator, Profile. J. R. Turner and R. Kingslake. 2,552,238, May 8.
Projector, Disk slide transparency. M. Fleischer 2,540,872, Feb. 6.
Projector, Episcopic. G. Andreoli. 2,570,507, Oct. 9.
Projector, Film. P. L. Karr. 2,550,272, Apr. 24.
Projector for displaying images carried by an intermittently rotatable wheel, Light. A. Gruenhut. 2,560,390, July 10.
Projector for handling transparent plates. H. G. Fitzgerald. 2,564,057, Aug. 14.
Projector for opaque and transparent projection, Still. D. D. Lowber and F. H. Wolford. 2,538,840, Jan. 23.
Projector for shuffleboards, Mobile disk. W. A. Bailey. 2,567,313, Sept. 11.
Projector for use with different width films, Cinematographic. M. Harper. 2,536,807, Jan. 2.
Projector for weighing scales, Indication. L. S. Williams. 2,570,621, Oct. 9.
Projector, Golf ball. G. E. Florer. 2,577,186, Dec. 4.
Projector housing having object surface adjustability in three mutually perpendicular directions, Schmidt television. J. Kuperus and P. M. van Alphen. 2,549,978, Apr. 24.
Projector, Light. J. G. Whiting. 2,568,782, Sept. 25.
Projector, Microfilm. P. J. Berggren. 2,569,918, Oct. 2.
Projector, Moving-picture sound. E. A. Bullock and H. E. Outland. 2,575,579, Nov. 20.
Projector, Multiple television. D. W. Epstein. 2,549,585, Apr. 17.
Projector, Multiple wheel compartment. M. L. D'Ornellas. 2,561,503, July 24.
Projector, No-rewind reel. C. A. Lindeman, Jr. 2,540,897, Feb. 6.
Projector, Picture disk viewing. J. J. Dilks. 2,570,652, Oct. 9.
Projector provided with protecting casing. E. Zillmer. 2,573,088, Oct. 30.
Projector, Superposition optical image. W. J. Degnan and C. J. Kettler. 2,556,871, June 12.
Projector transmission, Motion-picture. L. H. Moomaw. 2,578,082, Dec. 11.
Projector unit. R. K. Braunsdorff. 2,575,790, Nov. 20.
Projector, Wave. W. F. Crawford. 2,579,140, Dec. 18.
Projector with adjustable lens and transparency carrier assembly. F. J. Perillo. 2,552,211, May 8.
Projector with cooling fan and motor assembly, Slide. A. J. McMaster and W. H. Kitto. 2,568,895, Sept. 25.
Projector with film advance controlled by a sound reproducing system, Slide film. M. C. Supitilov. 2,551,349, May 1.
Projector with rotatable turret magazine, Transparency. H. G. Seyler. 2,537,429, Jan. 9.
Prolonging the life of a storage battery. F. Perkins. 2,571,754, Oct. 16.
Promoting growth of mold in grain stillage and use of same in the production of alcohol. F. M. Hildebrandt and N. M. Erb. 2,556,084, June 5.
Prong and screw plug. H. J. Schoon. 2,537,238, Jan. 9.
Prong, Barbed fastening. R. S. Wagner. 2,568,043, Sept. 18.
Pronged wire pin. D. I. Reiter. 2,573,809, Nov. 6.
Prop, Automobile rear deck lid. J. B. Flynn. 2,566,182, Aug. 28.
Prop, Clothesline. J. T. Bateman. 2,560,150, July 10.
Prop, Clothesline. S. Zoppelt. 2,546,578, Mar. 27.
Prop for picture frames, Hinged. J. F. Babbitt 2,542,958, Feb. 20.
Prop mechanism for semitrailers. J. J. Black. 2,572,240, Oct. 23.
Prop, Portable clothesline. W. Knight and C. E. Pritchard. 2,565,433, Aug. 21.
Propane fractionation of reduced crude oil with recycle of a solvent extract. B. C. Benedict and W. N. Axe. 2,570,044, Oct. 2.
Propellant charge for rocket motors, Solid. L. M. Crutch field, W. E. Campbell, Jr., and H. W. Mace. 2,539,404, Jan. 30.
Propellant composition and making same. J. N. Pring. 2,557,463, June 19.
Propellant having an opacifier for preventing self-ignition by radiant energy radiations. C. N. Hickman. 2,574,479, Nov. 13.
Propeller. L. Johnson. 2,578,806, Dec. 18.
Propeller, Adjustable. M. K. Benson. 2,574,951, Nov. 13.
Propeller, Airplane. M. Alexandre. 2,569,273, Sept. 25.
Propeller and engine control, Interrelated. A. L. Catford. 2,555,784, June 5.
Propeller and mounting therefor, Miniature airplane. N. E. Walker. 2,543,516, Feb. 27.
Propeller and nozzle ship propulsion assembly, Screw. L. Kort. 2,566,525, Sept. 4.
Propeller and propeller manufacture. E. R. Lochman. 2,561,705, July 24.
Propeller and rudder mount for boats, Steering. A. C. Troester. 2,545,502, Mar. 20.
Propeller and wheel drive for effecting vehicle propulsion, Combined air. A. C. Peterson. 2,554,590, May 29.
Propeller assembly for model airplanes. W. F. Gemeinhardt. 2,563,020, Aug. 7.
Propeller assembly, Portable oscillating. C. E. Bannister. 2,573,382, Oct. 30.
Propeller, Automatic pitch change. O. B. Morelock. 2,547,037, Apr. 3.
Propeller blades for airplanes, Making. R. B. Burton. 2,540,709, Feb. 6.
Propeller blades, Making. G. T. Lampton. 2,577,336, Dec. 4.
Propeller clutch. G. W. Martin. 2,564,605, Aug. 14.
Propeller construction for watercraft. A. W. Vassar. 2,568,903, Sept. 25.
Propeller control. R. E. Moore. 2,536,138, Jan. 2.
Propeller control. R. E. Moore and D. A. Richardson. 2,556,700, June 12.
Propeller for marine motors, Variable pitch and reversing. L. M. Melius. 2,554,716, May 29.
Propeller guard for outboard motors. W. W. K. Van Nort. 2,559,179, July 3.
Propeller handling mechanism. M. Syracusa. 2,536,614, Jan. 2.
Propeller mechanism for boats, barges, and the like, Outboard. A. W. Wanzer. 2,536,894, Jan. 2.
Propeller pitch change mechanism. C. W. Chillson. 2,577,603, Dec. 4.
Propeller pitch change motor. J. E. Anderson and A. N. Allen, Jr. 2,573,783, Nov. 6.
Propeller pitch changing mechanism. C. W. Chillson. 2,541,636, Feb. 13.
Propeller pitch changing mechanism. C. W. Chillson. 2,577,604, Dec. 4.
Propeller pitch control. T. A. Banning, Jr. 2,569,444, Oct. 2.
Propeller pitch control. E. Martin. 2,549,108, Apr. 17.
Propeller pitch control. T. B. Martin. 2,576,619, Nov. 27.
Propeller pitch controller, Speed responsive. R. H. Brandes. 2,544,131, Mar. 8.
Propeller pitch reversing control switch. L. J. Bordelon. 2,579,172, Dec. 18.
Propeller shank forming press. F. A. Gruetjen. 2,558,845. July 3.
Propeller test unit. W. J. Taylor. 2,551,649, May 8.
Propeller, Variable pitch. H. L. Magill. 2,557,127, June 19.
Propelling and steering mechanism, Vessel. A. F. O'Bannon. 2,570,839, Oct. 9.
Prophylactic, Mechanical. F. L. McEwen. 2,577,345, Dec. 4.
Propolis culture. L. V. France. 2,566,829, Sept. 4.
Proportional divider. J. F. Joy. 2,560,697, July 17.
Proportional pressure distributor valve. E. A. Rockwell. 2,568,900, Sept. 25.
Proportioner. A. J. Granberg. 2,567,997, Sept. 18.
Proportioner. S. A. Hayes. 2,571,871, Oct. 16.
Proportioning device. G. A. Mau. 2,553,977, May 22.
Proportioning device. R. B. Sargent. 2,543,941, Mar. 6.
Propulsion assembly for torpedoes. T. A. Daly and P. M. Hogue. 2,568,433, Sept. 18.
Propulsion control for outboard motor boats. P. B. Reid. 2,548,121, Apr. 10.
Propulsion device. J. P. Oppenheimer. 2,538,376, Jan. 16.
Propulsion means for speedboats. J. Napoli. 2,543,253, Feb. 27.

Propulsive jet apparatus. R. C. McLeod. 2,557,304, June 19.
Propylene oxide purification process. R. L. Mitchell and W. T. McNair, Jr. 2,550,847, May 1.
Propylene tetramer production. G. P. Hinds, Jr., W. K. Meerbott, and G. J. Reno. 2,572,724, Oct. 24.
Prospecting. G. Herzog. 2,562,914, Aug. 7.
Prospecting. A. H. Lord, Jr., and E. Pancake. 2,562,929, Aug. 7.
Prospecting. W. M. Stratford. 2,562,962, Aug. 7.
Prospecting. W. M. Stratford, C. F. Teichmann, and G. H. Herzog. 2,562,961, Aug. 7.
Prospecting. C. F. Teichmann, B. D. Lee, and A. H. Lord, Jr. 2,562,968, Aug. 7.
Prosthetic appliance. W. L. Fitch. 2,537,402, Jan. 9.
Prosthetic devices. M. D. Harris. 2,574,180, Nov. 6.
Prosthetic hook with dual spring load. G. M. Motis. 2,573,351, Oct. 30.
Protected ring gauge. W. M. Wochos, Jr. and R. F. Waindle. 2,576,377, Nov. 27.
Protecting arc lamp reflectors. R. M. Corl. 2,550,783, May 1.
Protecting bearings and shaft seals. D. G. Roos. 2,564,792, Aug. 21.
Protecting device for band saws, circular saws, spindle molding machines, and other uses. P. Carn. 2,561,905, July 24.
Protecting device for electric circuits. I. L. Worsham. 2,566,648, Sept. 4.
Protecting device, Shoulder. F. P. Delsalle. 2,550,044, Apr. 24.
Protecting means for floating tank roof seals. J. H. Wiggins. 2,551,403, May 1.
Protecting metals against corrosion. J. M. Michel and K. F. Hager. 2,578,725, Dec. 18.
Protecting plastic and enameled surfaces and composition therefor. L. L. Ryden. 2,540,996, Feb. 6.
Protecting shoes during manufacture. R. D. Oppenheim. 2,537,785, Jan. 9.
Protecting unit for oil filled submergible motors. A. Arutunoff. 2,569,741, Oct. 2.
Protection apparatus, Highway crossing. E. M. Allen. 2,552,834, May 15.
Protection arrangement for the reproduction needle in pickups. A. J. Ansar. 2,539,392, Jan. 30.
Protection mask against poisonous gases and dust. M. Christensen. 2,560,215, July 10.
Protection of cathode-ray tube screens. S. F. Bushman. 2,543,831, Mar. 6.
Protection of low-frequency amplifier or output tubes against overload. P. K. Buys and J. M. Cluwen. 2,561,049, July 17.
Protection of metals. L. Hemmer and J. Balvay. 2,554,985, May 29.
Protection of phosphors from attack by alkali vapors. R. L. Longini, L. P. Hunter, and W. M. Siebert. 2,554,257, May 22.
Protection of three-phase motors. J. Kruithof. 2,551,610, May 8.
Protection spark gap. M. F. D. Böckman and S. A. Vorts. 2,565,945, Aug. 28.
Protection system. R. W. Cobean and H. J. Holmquest. 2,571,013, Oct. 9.
Protective arrangement for electric power distribution. G. F. Lincks. 2,573,459, Oct. 30.
Protective arrangement for the neutralization circuits of vacuum tubes. J. B. Caraway. 2,548,770, Apr. 10.
Protective attachment for safes. H. W. Srygley. 2,566,587, Sept. 4.
Protective circuit. F. D. Greenleaf, L. M. Seeberger, and S. H. Buder. 2,577,848, Dec. 11.
Protective compositions and method. S. O. Fiedler, J. Bjorksten and L. L. Yaeger. 2,578,683, Dec. 18.
Protective device. J. W. Kalb. 2,566,895, Sept. 4.
Protective device. E. Kolisch. 2,538,572–4, Jan. 16.
Protective device. T. C. Riebe. 2,574,888, Nov. 13.
Protective device for electrical power transmission systems. G. A. Matthews. 2,549,497, Apr. 17.
Protective device for transformers. R. H. Seaman. 2,542,367, Feb. 20.
Protective device, Over-pressure. A. P. Bentley. 2,558,534, June 26.
Protective fingernail covering and mounting same. F. Muhlhauser. 2,563,689, Aug. 7.
Protective hood. T. T. MacLean. 2,579,942, Dec. 25.
Protective layer for finished photographic film. L. E. Bliss. 2,578,282, Dec. 11.
Protective liner for can impellers. K. L. Berrar. 2,567,096, Sept. 4.
Protective means for rectifier cathodes. Z. J. Atlee. 2,558,603, June 26.
Protective package for fragile articles. H. Jenett. 2,539,514, Jan. 30.
Protective plastic cap. W. C. Ferguson. 2,551,834, May 8.
Protective plug gauge holder. R. N. Turner. 2,536,969, Jan. 2.
Protective relay system. W. K. Sonnemann. 2,561,998, July 24.
Protective system. W. A. Bentley. 2,536,712, Jan. 2.
Protective system. H. H. Wittenberg. 2,572,292, Oct. 23.
Protective system for series capacitors. R. E. Marbury. 2,576,132, Nov. 27.
Protective system for series capacitors. R. E. Marbury and H. A. Travers. 2,571,910, Oct. 16.
Protective toothbrush holder. M. R. Farnham. 2,564,472, Aug. 14.
Protectively coating metal and the resulting coated product. A. McDonald. 2,576,845, Nov. 27.
Protector: *See*—
- Adjustable wire netting protector.
- Battery terminal protector.
- Book protector.
- Brush protector.
- Brush shunt protector.
- Bunion protector.
- Check protector.
- Collar protector.
- Colostomy protector.
- Directional circuit protector.
- Ear protector.
- Elbow protector.
- Exhaust pipe water protector.
- Exhaust rain protector.
- Fender protector.
- Garment protector.
- Hydraulic brake lining protector.
- Insulating splice protector.
- L-shaped wall protector.
- Lug protector.
- Mechanically actuated pipe thread protector.
- Molded pulp corner protector.
- Overvoltage protector.
- Pickpocket protector.
- Pot and sink protector.
- Shoe protector.
- Shoulder protector.
- Single sheet shirt protector.
- Tractor tire valve protector.
- Sanitary neck protector.
- Spark plug terminal protector.
- Thread protector.
- Threaded insert protector.
- Valve protector.
- Valve shank protector.
- Venetian blind tape protector.
- Wall protector.
- Wallet protector.
- Watch protector.
- Windshield protector.

Protector. A. J. Hurt. 2,552,177, May 8.
Protector for electric circuits. C. L. McAlister. 2,576,405, Nov. 27.
Protector for handles of telephone handsets, Removable. L. B. Long. 2,575,280, Nov. 13.
Protector for oil and gas wells, Blowout. G. C. Singer. 2,552,226, May 8.
Protector for trouser type garments. H. L. Krell. 2,549,210, Apr. 17.
Protector for trousers, Crotch. M. Turner. 2,544,403, Mar. 6.
Protein digestion product, Preparation of. N. M. Nesset. 2,554,632, May 29.
Protein hydrolysate, Production of. L. A. Hall and L. Sair. 2,536,171, Jan. 2.
Protein hydrolysis product, Producing. J. E. Cleland and E. Henke. 2,538,898, Jan. 23.
Protein modification. H. Wolff. 2,554,479, May 22.
Protein purification process and proteinaceous product. A. L. Caldwell. 2,576,066, Nov. 20.
Protein solutions, Preparation of. J. R. Caldwell. 2,559,848, July 10.
Protractor. W. B. Weyrick. 2,562,224, July 31.
Protractor and level, Combination. H. K. Walton. 2,549,950, Apr. 24.
Protractor, Dividing. M. Rabatine. 2,553,004, May 15.
Protractor, Transparent bifocal. J. J. Donohue. 2,566,058, Aug. 28.
Providing oxide coating on aluminum and its alloys. C. C. Cohn. 2,578,400, Dec. 11.
Providing plastic sheets with inlaid stripes. H. F. Boorn. 2,539,690, Jan. 30.
Provision for turning doughnuts in doughnut cookers. H. C. Rich. 2,547,490, Apr. 3.
Proximity detector employing microwaves. P. M. Brannen. 2,580,155, Dec. 25.
Pruner, Snap cut. J. L. Smith. 2,574,354, Nov. 6.
Pruning tool. R. L. Hubbard. 2,541,063, Feb. 13.
Pteridines and obtaining the same, Substituted. E. L. Wittle and G. W. Moersch. 2,561,302, July 17.
Pteridines and preparing the same, Substituted. B. Roth. 2,577,039, Dec. 4.
Pteridines, Preparation of substituted. B. Roth. 2,568,971, Sept. 25.
Pteridines, Preparing. D. B. Cosulich. 2,563,707, Aug. 7.
Pteridines, Preparing. D. I. Weisblat and A. R. Hanze. 2,560,616, July 17.
Pterine imines. H. G. Petering. 2,541,717, Feb. 13.
Pteroylglutamic acid compounds and preparing same. D. I. Weisblat, B. J. Magerlein, A. R. Hanze, and S. T. Rolfson. 2,558,711, June 26.
Public address system. J. F. Sterner. 2,556,889, June 12.
Public address system, Portable. R. H. Voigt. 2,572,221, Oct. 23.
Puck delivering device. E. H. Hughes. 2,571,365, Oct. 16.
Puddler. C. R. Morehouse and J. T. Cavallero. 2,563,183, Aug. 7.
Pudding compositions, Dry. H. C. Hinz, Jr., G. R. Schermerhorn, Sr., and F. L. Dorn. 2,554,143, May 22.
Pugmill. E. M. Skipper. 2,572,063, Oct. 23.
Pug mill. W. C. West. 2,570,042, Oct. 2.
Pull cord supporting bracket. I. Lundstrom. 2,571,592, Oct. 16.
Pulldown cabinet. L. A. Stebbins. 2,579,876, Dec. 25.
Puller: *See*—
- Cable puller.
- Cylinder sleeve puller.
- Expendable puller.
- Internal tube puller.
- Nail puller.
- Pipe puller.
- Railroad spike puller.
- Railroad tie puller.
- Staple puller.
- Tack puller.

Puller and adjuster, Wheel. D. P. Pihl. 2,551,900, May 8.

Puller and cutter, Vine. F. Johnson. 2,544,024, Mar. 6.
Puller and driver, Universal stud. R. A. Valvano. 2,560,012, July 10.
Pulley. R. B. Macpherson. 2,573,209, Oct. 30.
Pulley. G. A. May. 2,548,387, Apr. 10.
Pulley. W. L. Rives. 2,546,782, Mar. 27.
Pulley. P. A. Smith. 2,553,791, May 22.
Pulley. D. Tann. 2,571,393, Oct. 16.
Pulley, Adjustable. W. A. Williams. 2,550,511, Apr. 24.
Pulley, Adjustable diameter. W. A. Williams. 2,545,327, Mar. 13.
Pulley and cord for Venetian blinds. J. L. Hunter. 2,554,331, May 22.
Pulley and V-belt transmission, Variable-speed. G. O. Turnbull. 2,573,937, Nov. 6.
Pulley, Automatic belt take-up. P. Jereb. 2,541,766, Feb. 13.
Pulley block adapter device. D. J. Parmesan. 2,576,355, Nov. 27.
Pulley, Clothesline. R. W. Shaw. 2,557,572, June 19.
Pulley device. D. A. Schrock. 2,548,399, Apr. 10.
Pulley, Expansible. W. J. Carter. 2,555,570, June 5.
Pulley mounting and adjusting device for variable-speed transmissions. S. Wallace. 2,561,546, July 24.
Pulley shackle, Safety. W. R. Leonard. 2,551,803, May 8.
Pulley, V-belt. B. Jacobowsky. 2,553,258, May 15.
Pulley, V-belt drive. W. Carmichael. 2,553,439, May 15.
Pulley V-belt transmission, Adjustable. H. J. Siekmann and G. J. Kasselmann. 2,561,712, July 24.
Pulley, Variable speed segment. A. Kamp. 2,552,179, May 8.
Pulley winch. K. F. Morgan. 2,555,501, June 5.
Pulling and comminuting device for plants, stalks, and the like. F. Johnson. 2,544,025, Mar. 6.
Pulling device. J. L. Duchscherer and J. J. Schmalz. 2,538,301, Jan. 16.
Pulling-over machine. F. E. Stratton. 2,536,104, Jan. 2.
Pulling tool. R. R. Lawrence. 2,537,413, Jan. 9.
Pulp density indicator. W. Wraith, Jr. 2,550,031, Apr. 24.
Pulp screen. W. F. Mathewson. 2,574,977, Nov. 13.
Pulsating sound generator. K. H. Odenweller and R. L. Steinberger. 2,548,905, Apr. 17.
Pulsation absorber. E. W. Loukonen. 2,563,257, Aug. 7.
Pulsation chamber. C. O. Meyers. 2,561,528, July 24.
Pulsation dampener. A. J. L. Hutchinson. 2,570,241, Oct. 9.
Pulsator. S. J. Erling. 2,559,244, July 3.
Pulsator. C. J. Gleason. 2,543,284, Feb. 27.
Pulsator for milking machines. C. B. Barber. 2,570,749, Oct. 9.
Pulsator, Milking machine. S. P. Wall. 2,559,035, July 3.
Pulsator, Pneumatic type. M. Morgan and N. T. Werthessen. 2,548,807, Apr. 10.
Pulse absorbing circuit. M. J. Burger. 2,547,809, Apr. 3.
Pulse amplitude discriminator. F. J. Davis and L. F. Curtiss. 2,551,529, May 1.
Pulse analyzer. W. E. Glenn, Jr. 2,560,166, July 10.
Pulse-blocking circuit. H. J. Lipkin. 2,567,851, Sept. 11.
Pulse code modulation system. C. W. Earp and M. F. Wintle. 2,570,220–1, Oct. 9.
Pulse code modulation system employing code substitution. R. L. Carbrey. 2,571,680, Oct. 16.
Pulse coding circuit. A. B. Jacobsen. 2,567,846, Sept. 11.
Pulse communication system. C. W. Hansell. 2,540,876, Feb. 6.
Pulse communication system, Multichannel electrical. A. H. Reeves. 2,559,661, July 10.
Pulse controlled rectifier network. M. den Hertog. 2,563,589, Aug. 7.
Pulse counter circuit. A. A. Nims, Jr. 2,571,929, Oct. 16.
Pulse cutoff device. R. B. De Lano, Jr. 2,562,450, July 31.
Pulse delay circuit. R. E. Moe. 2,551,280, May 1.
Pulse discriminating apparatus. C. E. Cleeton. 2,549,776, Apr. 24.
Pulse-discriminating system. A. V. Loughren. 2,576,617, Nov. 27.
Pulse discriminator. R. B. Dome. 2,551,250, May 1.
Pulse discriminator system. C. E. Cleeton. 2,541,038, Feb. 13.
Pulse discriminator system. C. H. Smith, Jr. 2,576,975, Dec. 4.
Pulse duration discriminator. L. H. Orpin. 2,552,013, May 8.
Pulse duration selector. T. W. Hopkinson. 2,540,115, Feb. 6.
Pulse echo direction and distance indicator. J. M. Lester. 2,570,251, Oct. 9.
Pulse echo object locator. P. K. Chatterjea and L. W. Houghton. 2,572,010, Oct. 23.
Pulse echo system for ionospheric measuring equipment. P. G. Sulzer. 2,557,156, June 19.
Pulse equalizer. C. L. Longmire. 2,543,462, Feb. 27.
Pulse forming and shaping circuits. B. M. Oliver. 2,577,355, Dec. 4.
Pulse frequency monitor. S. W. Lichtman and D. G. Mazur. 2,553,594, May 22.
Pulse gating, Multiple. W. M. Yost. 2,563,902, Aug. 14.
Pulse generating circuit. B. Chance. 2,562,660, July 31.
Pulse generating device. A. R. Havens. 2,547,004, Apr. 3.
Pulse generator. A. H. Bartels. 2,549,764, Apr. 24.
Pulse generator. M. Elie. 2,572,707, Oct. 23.
Pulse generator. M. Fischman. 2,573,558, Oct. 30.
Pulse generator. C. M. Gilbert. 2,555,440, June 5.
Pulse generator. H. L. Glick. 2,575,708, Nov. 20.
Pulse generator. J. A. Krumhansl and G. H. Miller. 2,536,816, Jan. 2.
Pulse generator. J. C. R. Licklider. 2,567,850, Sept. 11.
Pulse generator. P. C. Sherertz. 2,567,239, Sept. 11.
Pulse generator. J. P. Spalding. 2,567,247, Sept. 11.
Pulse generator. R. R. Townsley. 2,568,099, Sept. 18.
Pulse generator system. F. J. Gaffney and W. O. Reed. 2,564,000, Aug. 14.
Pulse generator system, Double polarity. W. D. Houghton. 2,548,796, Apr. 10.
Pulse group discriminator. C. H. Hoeppner and C. H. Smith, Jr. 2,545,464, Mar. 20.
Pulse group discriminator. C. H. Hoeppner. 2,564,692, Aug. 21.
Pulse lengthening circuit. W. N. Dean and L. P. Mautner. 2,566,827, Sept. 4.
Pulse measuring device. W. C. Anderson. 2,577,499, Dec. 4.
Pulse modulated carrier receiver system. E. Labin and D. D. Grieg. 2,565,504, Aug. 28.
Pulse modulation communication system. P. K. Chatterjea, C. T. Scully, D. M. Ambrose, and J. K. Beney. 2,542,991, Feb. 27.
Pulse modulation system. H. O. Peterson. 2,542,700, Feb. 20.
Pulse modulator. R. B. Lawrence. 2,578,253, Dec. 11.
Pulse multiplex drop channel system. D. D. Grieg. 2,537,991, Jan. 16.
Pulse multiplex system. C. H. Hoeppner. 2,537,056, Jan. 9.
Pulse multiplex system. W. D. Houghton. 2,548,795, Apr. 10.
Pulse multiplex system. V. D. Landon. 2,559,644, July 10.
Pulse multiplex system, Drop channel. D. D. Grieg. 2,547,001, Apr. 3.
Pulse multiplex system employing step-wave commutation. B. A. Trevor. 2,543,736, Feb. 27.
Pulse multiplex system, High-fidelity. B. A. Trevor. 2,546,935, Mar. 27.
Pulse producing apparatus, High-frequency. R. Warnecke and A. J. Ortusi. 2,543,213, Feb. 27.
Pulse producing system, Multiple. D. D. Grieg and A. M. Levine. 2,556,179, June 12.
Pulse rate measurement. C. W. Clapp. 2,562,697, July 31.
Pulse rate monitor. R. Beagles. 2,554,806, May 29.
Pulse recognition device. C. B. Tompkins. 2,577,827, Dec. 11.
Pulse regeneration apparatus. L. A. Meacham. 2,537,843, Jan. 9.
Pulse regenerator circuit. W. H. Bliss. 2,577,444, Dec. 4.
Pulse scaling system, Electronic trigger circuit. E. A. Hamacher. 2,557,186, June 19.
Pulse shaping circuit. W. E. Glenn, Jr. 2,560,167, July 10.
Pulse shaping circuit. L. F. Wouters. 2,576,661, Nov. 27.
Pulse signal time delay arrangement. H. A. Wheeler. 2,540,560, Feb. 6.
Pulse spacing modulated communication system. E. M. Deloraine and B. Alexander. 2,557,950, June 26.
Pulse technique circuit. O. T. Francis. 2,572,850, Oct. 30.
Pulse time modulation. J. H. Guenther. 2,564,687, Aug. 21.
Pulse timing circuit. A. F. Bischoff. 2,561,172, July 17.
Pulse transformer. Q. A. Kerns and W. R. Baker. 2,577,707, Dec. 4.
Pulse transformer circuit. W. H. Bostick. 2,579,542, Dec. 25.
Pulse transmission system. A. V. Haeff and F. H. Harris. 2,561,363, July 24.
Pulse-transmitting device. A. Mamor. 2,547,034, Apr. 3.
Pulse wave form discriminator. N. Clark, Jr. 2,536,032, Jan. 2.
Pulse widener and marker separator. L. Dubin. 2,559,606, July 10.
Pulse width controlling relay system. F. C. Wallace. 2,572,080, Oct. 23.
Pulse-width demodulator. C. C. Bath. 2,568,213, Sept. 18.
Pulse width modulation. R. J. Watts. 2,556,457, June 12.
Pulse width selection. E. Eberhard. 2,556,074, June 5.
Pulsed echo sounder and like subaqueous distance measuring apparatus. T. Gray. 2,545,922, Mar. 20.
Pulsed localizer. C. B. Watts, Jr., and G. Stavis. 2,543,081, Feb. 27.
Pulsing circuit. R. L. Alty. 2,555,305, June 5.
Pulsing circuit. L. M. Craft. 2,546,981, Apr. 3.
Pulsing circuit. H. H. Staub. 2,550,878, May 1.
Pulverizer and roller combination, Tractor mounted. J. F. Gilreath. 2,574,385, Nov. 6.
Pulverizer having a two-part housing. O. R. Strawn. 2,554,071, May 22.
Pulverizer having an eccentrically arranged air throat flow area, Air swept. G. W. Bice. 2,545,254, Mar. 13.
Pulverizer, High-speed. G. W. Elverum. 2,552,037, May 8.
Pulverizer, Rotary stubble. J. W. Roach. 2,556,446, June 12.
Pulverizer, Soil. J. E. Progneaux. 2,543,377, Feb. 27.
Pulverizer, Two-stage rotary. J. Dulait. 2,573,129, Oct. 30.

Pulverizer with intermeshing knives on rotor and stator, Rotary centrifugal. J. Dutra, Jr. 2,544,072, Mar. 6.
Pulverizing apparatus for food preparing machines, Ingredient. J. H. Knapp. 2,576,299, Nov. 27.
Pulverizing mill separator, having whizzer and directional vanes. J. Crites. 2,561,564, July 24.

Pump: *See*—
Acid pump.
Air-impelled liquid pump.
Bellows pump.
Centrifugal pump.
Coin-operated dispensing pump.
Combustion chamber scavenge pump.
Condensation pump.
Constant pressure centrifugal pump.
Deck pump.
Deep well pump.
Diaphragm pump.
Displacement pump.
Double acting pump.
Double-action duplex pump.
Dual pump.
Electromagnetic pump.
Fabricated centrifugal pump.
Flexible diaphragm pump.
Fluid pump.
Fluid transfer pump.
Fuel injection pump.
Fuel pump.
Gasoline dispensing pump.
Glass-lined pump.
Grease pump.
Heat pump.
High-pressure metering pump.
Hydraulic pump.
Hydraulic reciprocating pump.
Hydraulically operated well pump.
Injection pump.
Irrigation and drainage pump.
Liquid fuel pump.
Liquid pump.
Lubricant pump.
Magnetically operated pump.
Manually operated reciprocating pump.
Metering fuel pump.
Motor pump.
Multiple rotary pump.
Oil burner pump.
Oil vapor pump.
Oil well pump.
Outboard motor water pump.
Peristaltic pump.
Portable hand spray pump.
Portable lubricant pressure pump.
Radial vane pump.
Ram air operated fuel pump.
Reversible rotary pump.
Reversible variable volume pump.
Rodless pump.
Rotary displacement pump.
Rotary hand pump.
Rotary piston pump.
Rotary pump.
Self-adjusting pump.
Self-priming centrifugal pump.
Slush pump.
Soil fumigant pump.
Surge type vacuum pump.
Swash plate pump.
Thermally actuated pump.
Tire pump.
Triple capacity plunger pump.
Universal combination fuel and vacuum pump.
Vapor separating pump.
Variable delivery alternating piston pump.
Variable discharge fuel pump.
Variable displacement pump.
Variable-displacement radial-piston pump.
Variable flow pump.
Variable-output hydraulic pump.
Variable stroke pump.
Variable throw crankshaft piston type radial pump.
Variable volume rotary pump.
Vertical lift pump.
Water pump.

Pump. J. E. Bevins. 2,544,976, Mar. 13.
Pump. J. B. Brennan. 2,580,278, Dec. 25.
Pump, F. C. Byram. 2,545,604, Mar. 20.
Pump. R. R. Curtis and E. J. Kimm. 2,540,714, Feb. 6.
Pump. R. H. Dickinson. 2,560,851, July 17.
Pump. G. A. Devlin. 2,567,699, Sept. 11.
Pump. J. D. Dietiker. 2,565,208, Aug. 21.
Pump. R. M. Flanagan. 2,565,764, Aug. 28.
Pump. J. R. Frei. 2,558,837, July 3.
Pump. A. Gabriel. 2,543,624, Feb. 27.
Pump. K. R. Herman and R. L. Tweedale. 2,553,655, May 22.
Pump. R. W. Johnson and L. V. McCarty. 2,548,799, Apr. 10.
Pump. G. N. Little. 2,568,646, Sept. 18.
Pump. D. O. Manseau. 2,559,255, July 3.
Pump. D. O. Manseau. 2,570,698, Oct. 9.
Pump. C. M. McAllister. 2,559,980, July 10.
Pump. R. H. McBean. 2,549,218, Apr. 17.
Pump. F. W. McCombie. 2,561,810, July 24.
Pump. A. F. McFarland. 2,538,842, Jan. 23.
Pump. E. Orshansky, Jr. 2,545,929, Mar. 20.
Pump. A. O. Price. 2,543,669, Feb. 27.
Pump. R. K. Sedgwick. 2,553,336, May 15.
Pump. W. Shallenberg. 2,578,322, Dec. 11.
Pump. A. S. Soberg. 2,555,613, June 5.
Pump. A. S. Soberg. 2,562,584, July 31.
Pump. C. W. Sproull. 2,545,315, Mar. 13.
Pump. F. Stephan. 2,577,285, Dec. 4.
Pump. E. T. Vincent. 2,555,619, June 5.
Pump. R. A. Walsh. 2,545,506, Mar. 20.
Pump actuating equipment. C. E. Crawford. 2,555,574, June 5.
Pump and control. R. E. Moule. 2,541,086, Feb. 13.
Pump and control therefor, Variable discharge. C. F. Erikson. 2,555,479, June 5.
Pump and electric motor unit, Combined. T. M. Lewis, E. G. Rounce, and A. E. Hills. 2,557,879, June 19.
Pump and filling plug. E. Mazza. 2,550,157, Apr. 24.
Pump and gauge device, Combined. J. H. Krehbiel. 2,576,687, Nov. 27.
Pump and motor. E. K. Benedek. 2,551,993, May 8.
Pump and motor door operating mechanism, Hydraulic. H. D. Kaufman. 2,579,742, Dec. 25.
Pump and motor hydraulic system for vehicle window regulation, Electrically driven. J. B. Parsons. 2,564,445, Aug. 14.
Pump and motor hydraulic transmission, Rotary. H. B. Breedlove. 2,541,197, Feb. 13.
Pump and motor hydraulic transmission, Rotary. J. Robinson. 2,541,291, Feb. 13.
Pump and motor hydraulic transmission, Rotary. L. Sisson. 2,556,378, June 12.
Pump and motor hydraulic transmission system. F. B. Levetus and G. E. Chittenden. 2,536,558, Jan. 2.
Pump and motor hydraulic transmission, Variable speed rotary. R. S. Segsworth. 2,564,237, Aug. 14.
Pump and motor hydraulic transmission with automatic speed control means, Rotary. G. A. Kane. 2,561,023, July 17.
Pump and motor unit for aircraft fuel systems, Multiple. P. J. Lansing. 2,546,034, Mar. 20.
Pump and power take-off, Combination. F. F. and K. M. Bickel. 2,571,105, Oct. 16.
Pump and ram hydraulic lifting device. C. D. Hancock. 2,573,567, Oct. 30.
Pump and reservoir unit for hydraulic jacks. D. C. Lynn. 2,557,880, June 19.
Pump and tank, Portable oil. M. A. Tabet. 2,552,749, May 15.
Pump and transmission unit, Fluid drive. C. L. Thomas. 2,549,646, Apr. 17.
Pump apparatus, Deep well. A. G. Bodine, Jr. 2,553,542, May 22.
Pump assembly. F. E. Brady, Jr. 2,542,896, Feb. 20.
Pump assembly for liquid fuel burners. J. A. Wilson. 2,544,907, Mar. 13.
Pump assembly, Submersible. J. E. Armstrong and F. Jacuzzi. 2,577,559, Dec. 4.
Pump attachable to the neck of a container for viscous material, having an inlet conduit extending into said container, Dispensing. "D" F. Bacheller. 2,547,109, Apr. 3.
Pump base, Self-aligning well. F. H. Zeitz. 2,556,384, June 12.
Pump combination. E. R. Halpin. 2,577,417, Dec. 4.
Pump, compressor, motor, or the like. F. W. McCombie. 2,561,808, July 24.
Pump, compressor, motor, or the like, Rotary. F. W. McCombie. 2,561,809, July 24.
Pump connector. J. A. Parkes. 2,544,764, Mar. 13.
Pump container. T. W. Winstead. 2,573,375, Oct. 30.
Pump control. F. T. Harrington. 2,570,342, Oct. 9.
Pump control means. S. G. Hooker, E. A. Watson, and R. J. Ifield. 2,555,445, June 5.
Pump control mechanism, Variable displacement. L. B. M. Buchanan. 2,550,966, May 1.
Pump diaphragm assembly. I. E. Coffey. 2,567,055, Sept. 4.
Pump discharge valve. E. A. Neu, Jr. 2,575,677, Nov. 20.
Pump dispenser. S. Kestenbaum. 2,540,890, Feb. 6.
Pump dispenser. T. L. Titus. 2,548,752, Apr. 10.
Pump for aerating water. E. A. Coughlin. 2,552,261, May 8.
Pump for automobiles and for other uses, Water. M. Hougue. 2,570,452, Oct. 9.
Pump for charging two-stroke internal-combustion engines. F. R. Lloyd. 2,538,463, Jan. 16.
Pump for combustion engines, Fuel injection. G. Pielstick. 2,576,263, Nov. 27.
Pump for diesel engines. W. Fels. 2,574,779, Nov. 13.
Pump for flooding operations, Subsurface. J. E. Gray and E. A. Davenport. 2,551,434, May 1.
Pump for gas turbines, Temperature controlled. A. W. Orr, Jr. 2,545,856, Mar. 20.
Pump for hydraulic governing systems, Turbine type. S. Jacobs. 2,566,892, Sept. 4.
Pump for internal-combustion engines, Fuel. R. Bienaimé. 2,554,084, May 22.
Pump for internal-combustion engines, Fuel injection. K. Brook and F. M. Evans. 2,548,342, Apr. 10.
Pump for internal-combustion engines, Fuel injection. A. F. Evans and S. Hopkins. 2,537,748, Jan. 9.
Pump for internal-combustion engines, Fuel injection. G. Palumbo. 2,555,930, June 5.
Pump for molten metals, Electromagnetic induction. M. Tama. 2,536,325, Jan. 2.
Pump governor. R. A. Spengler. 2,570,727, Oct. 9.
Pump handle. G. E. Peters and L. E. Russell. 2,536,083, Jan. 2.
Pump having motor-driven hose retraction, Dispensing. H. H. Wolfe. 2,545,063, Mar. 13.
Pump jack. L. T. Bernard. 2,573,948, Nov. 6.
Pump lubrication for elevating screws. W. G. Hoelscher. 2,568,335, Sept. 18.
Pump nozzle guard, Gasoline. M. Cavanagh. 2,543,401, Feb. 27.
Pump or hydraulic turbine, Rotary. N. V. Gibson. 2,557,427, June 19.
Pump or motor. E. K. Benedek. 2,556,717, June 12.
Pump or motor, Fluid pressure. R. W. Fernstrum. 2,542,240, Feb. 20.
Pump or motor, Hydraulic. H. E. McKibben and B. I. Newton. 2,569,185, Sept. 25.
Pump or motor, Rotary. M. E. Estey. 2,551,430, May 1.
Pump or motor, Rotary. F. M. Weyer. 2,542,268, Feb. 20.

Pump or motor, Rotary. F. M. Weyer. 2,573,819, Nov. 6.
Pump packing. W. J. MacArthur. 2,538,207, Jan. 16.
Pump packing means. J. D. Gleitz. 2,539,996, Jan. 30.
Pump piston. J. W. MacClatchie. 2,576,025, Nov. 20.
Pump piston. L. F. Miller. 2,538,467, Jan. 16.
Pump piston, Renewable. J. T. Phipps. 2,566,994, Sept. 4.
Pump regulator. F. E. Smith. 2,563,138, Aug. 7.
Pump rod catching device. H. W. Martin. 2,578,818, Dec. 18.
Pump seal, Rotary. C. D. Bower. 2,578,780, Dec. 18.
Pump siphon, Injecting-ejecting. W. A. Lee. 2,551,497, May 1.
Pump structure. J. F. Hoffer. 2,556,426, June 12.
Pump structure for outboard motors. D. A. Armstrong. 2,548,762, Apr. 10.
Pump unit. J. J. and H. A. Orlich. 2,548,738, Apr. 10.
Pump unit for a well installation, Multiple. E. K. Baker. 2,552,762, May 15.
Pump valve. H. S. Bancroft. 2,553,162, May 15.
Pump valve. W. J. Redman. 2,559,659, July 10.
Pump valve unit. J. Bergesen. 2,553,352, May 15.
Pump water closet, Simplified nonplugging. K. G. Shook. 2,580,134, Dec. 25.
Pump with built-in induction motor, Fluid. E. Lapp. 2,537,310, Jan. 9.
Pump with direction responsive impeller blades, Fluid. F. A. Rosenkrans and E. A. Wagner. 2,570,862, Oct. 9.
Pump with flexible tubing, Measuring. L. J. Henry. 2,562,552, July 31.
Pump with high-pressure pulsating means, Grease. W. Harrigan. 2,566,702, Sept. 4.
Pump with shock absorber, Fluid operated. C. J. Coberly. 2,576,923–4, Dec. 4.
Pumper, Pitless. J. E. Butterfield, Sr., J. E. Butterfield, Jr., and H. A. Johnsen. 2,578,669, Dec. 18.
Pumping apparatus. A. G. Bodine, Jr. 2,553,543, May 22.
Pumping apparatus. E. Crewdson. 2,546,089, Mar. 20.
Pumping apparatus. R. E. Lamberton. 2,565,564, Aug. 28.
Pumping apparatus. D. H. Teetor. 2,580,331–2, Dec. 25.
Pumping apparatus for wells, Motor-driven. A. Arutunoff. 2,539,048, Jan. 23.
Pumping apparatus, Hydraulic. L. C. Pope. 2,549,851, Apr. 24.
Pumping device, Fluid operated. C. J. Coberly. 2,571,836, Oct. 16.
Pumping machine, Pickle. W. M. Zwosta. 2,560,060, July 10.
Pumping means. E. R. Corneil. 2,546,852, Mar. 27.
Pumping mechanism. O. Mitchell. 2,549,620, Apr. 17.
Pumping mechanism and the like, Oscillatory. F. A. Lane. 2,557,912, June 19.
Pumping mechanism, Fluid operated. V. O. Pounds. 2,540,347, Feb. 6.
Pumping mercury. R. B. Cox. 2,559,404, July 3.
Pumping molten metals, Method and device for. M. Tama. 2,536,859, Jan. 2.
Pumping system. E. B. Atkinson. 2,573,297, Oct. 30.
Pumping system and primer therefor. J. L. Bovee, Jr. and E. M. Deters. 2,545,915, Mar. 20.
Pumping system for wells, Hydraulically actuated. W. C. Trautman and E. Hollister. 2,555,426, June 5.
Pumping system, Hydraulic. J. W. F. Holl. 2,560,441, July 10.
Pumping system, Well. M. W. Haines. 2,567,513, Sept. 11.
Pump system with parallel tubing, Fluid-operated. C. J. Coberly. 2,568,320, Sept. 18.
Pumping system with preloaded hydraulic shock absorber, Hydraulic. W. C. Trautman. 2,555,427, June 5.
Pumping unit. A. R. Maier. 2,539,585, Jan. 30.
Pumping unit, Hydraulic. P. E. Noll and T. D. Aller. 2,572,748, Oct. 23.
Pumping volatile liquids, Method and apparatus for. K. D. McMahan and K. A. Darrow. 2,575,923, Nov. 20.
Punch and cutter, Combination. R. S. Okumura. 2,562,678, July 31.
Punch construction. J. A. Smith. 2,580,366, Dec. 25.
Punch machine for punching electrical heater elements. J. Gyuris. 2,543,527, Feb. 27.
Punch, Milk can. C. E. Engle. 2,576,505, Nov. 27.
Punch press. W. L. Allison. 2,576,328, Nov. 27.
Punch press and the like. K. E. Reese. 2,572,949, Oct. 30.
Punch press control and feed mechanism. A. Slathar. 2,548,562, Apr. 10.
Punch tape sensing condenser. E. O. Roggenstein. 2,546,784, Mar. 27.
Punch with integral stripper. N. B. Granberg. 2,562,267, July 31.
Punching and forming mechanism. G. H. Norquist. 2,579,753, Dec. 25.
Punching and reinforcing device for sheet material. C. L. Forese. 2,561,387, July 24.
Punching apparatus. L. F. Mitchell. 2,566,738, Sept. 4.
Punching machine. H. P. Luhn. 2,555,750, June 5.
Punching machine for sampling moving strips. E. R. Muddiman. 2,546,469, Mar. 27.
Punching machine, Portable. C. E. Emmer. 2,558,044, June 26.
Punching strip material. J. W. Bryce and J. N. Wheeler. 2,551,094, May 1.
Punching tool. P. G. Måby. 2,545,237, Mar. 13.
Punching tool. C. F. Pye. 2,550,937, May 1.
Punctuating device for registers. H. Neumann-Lezius and E.-E. Wilberg. 2,549,512, Apr. 17.
Puncturing and dispensing attachment for container, having a pump and a carrying handle which also actuates said pump. P. H. Walker. 2,562,755, July 31.
Puncturing and dispensing device for oil cans. J. E. Benigar. 2,547,556, Apr. 3.
Puncturing and pouring device for sealed container, with spout and vent. O. W. Partain. 2,576,889, Nov. 27.
Pupillometer having miniature condensing lens for creating light images. C. Holmes. 2,536,367, Jan. 2.
Puppet, Dancing. H. N. Atwell. 2,544,124, Mar. 6.
Pure ductile vanadium from vanadium oxide, Production of. R. K. McKechnie, A. U. Seybolt, and J. E. Gray. 2,561,526, July 24.
Pure smoke pipe. E. A. Rinkhoff. 2,566,906, Sept. 4.
Purger. J. C. Pekar and J. P. Hird. 2,580,317, Dec. 25.
Purging arrangement for gas turbine fuel systems. B. O. Buckland. 2,551,241, May 1.
Purging device for fuel tanks. M. L. Klickinger. 2,554,178, May 22.
Purification and fractionation of heparin preparations. A. E. O'Keeffe and J. A. Shannon. 2,552,507, May 15.
Purification and recovery of acidic materials. L. U. Franklin. 2,562,608, July 31.
Purification and recovery of crystals of metal salts. S. B. Tuwiner. 2,557,326, June 19.
Purification and recovery of streptomycin. W. A. Bittenbender and R. D. Babson. 2,540,238, Feb. 6.
Purification of a confined atmosphere by a process of refrigeration. A. P. Colburn and B. F. Dodge. 2,571,014, Oct. 9.
Purification of acrylonitrile by steam distillation. E. L. Kropa. 2,555,798, June 5.
Purification of aliphatic alcohols by extractive distillation. W. M. Drout, Jr. and J. W. Dowling. 2,552,412, May 8.
Purification of alkyl phenols. D. D. Davidson. 2,536,040, Jan. 2.
Purification of benzene polycarboxylic acids by an oil sublimation process. W. G. Toland, Jr. 2,578,326, Dec. 11.
Purification of benzhydryl ethers. E. H. Ensor and J. H. Speer. 2,577,076, Dec. 4.
Purification of beta esters of penicilloic acid and lead salt thereof. S. T. Rolfson, J. H. Hunter, and J. W. Hinman. 2,555,007, May 29.
Purification of calcium fluoride and lithium fluoride and manufacture of macrocrystals thereof. C. F. Swinehart and M. Early. 2,550,173, Apr. 24.
Purification of carbon dioxide. A. Silverberg. 2,551,399, May 1.
Purification of cellulosic materials. M. E. Martin and D. L. Sherk. 2,558,054, June 26.
Purification of certain water-soluble hydroxycarboxylic acids. W. P. Ratchford and C. H. Fisher. 2,539,472, Jan. 30.
Purification of chloral. M. T. Goebel, J. W. Langston, D. J. Loder, and H. T. Siefen. 2,559,247, July 3.
Purification of chlorocarbons. P. A. Florio and J. D. Calfee. 2,577,847, Dec. 11.
Purification of chlorophthalic anhydrides. G. W. Steahly. 2,547,505, Apr. 3.
Purification of coal. J. H. Hickey. 2,556,496, June 12.
Purification of cobalt sulphate solution. R. E. Churchward and F. K. Shelton. 2,577,739, Dec. 11.
Purification of coke oven benzene. J. R. Anderson. 2,576,092, Nov. 27.
Purification of commercial soda ash. R. E. Churchward. 2,537,034, Jan. 9.
Purification of crude alcohols. W. B. Hughes and J. Newcombe. 2,569,671, Oct. 2.
Purification of crude synthetic methanol. W. J. Congdon and R. C. Datin. 2,549,290, Apr. 17.
Purification of cyclic ketones obtained by oxidation of hydrocarbons. H. W. Fleming. 2,552,670, May 15.
Purification of effluent from distilleries. J. Charlton. 2,572,447, Oct. 23.
Purification of esters of orthophosphoric acid. W. E. Weesner. 2,573,658, Oct. 30.
Purification of formaldehyde. A. L. Stautzenberger and A. F. MacLean. 2,537,169, Jan. 9.
Purification of 4-aminosalicylic acid. M. E. Hultquist. 2,540,785, Feb. 6.
Purification of 4-methylpentadiene-1,3. R. C. Morris and A. V. Snider. 2,564,405, Aug. 14.
Purification of grisein. F. A. Kuehl, Jr. 2,546,267, Mar. 27.
Purification of hydrocarbons. J. W. Tooke and P. F. Warner. 2,543,478, Feb. 27.
Purification of insulin. S. Hermann. 2,537,757, Jan. 9.
Purification of ketone-containing liquid. E. A. Rodman. 2,570,157, Oct. 2.
Purification of methanol by azeotropic distillation. L. G. Willke, B. H. Rosen, and L. T. Smith. 2,561,680, July 24.
Purification of nicotinamide. R. V. Heinzelmann. 2,544,157, Mar. 6.
Purification of oils. G. A. Mills. 2,566,353, Sept. 4.

Purification of organic nitriles. W. E. Grigsby and E. S. Bloom. 2,570,794, Oct. 9.
Purification of para-caproylaminobenzenesulfonhydroxamide. C. M. Eaker and F. B. Zienty. 2,568,993–4, Sept. 25.
Purification of penicillin solutions. R. F. Taylor. 2,538,713, Jan. 16.
Purification of red phosphorus. P. Miller. 2,537,078, Jan. 9.
Purification of rhodium. F. S. Clements and A. R. Raper. 2,552,709, May 15.
Purification of sand having a ferruginous coating. H. D. Segrove. 2,556,005, June 5.
Purification of 7-dehydrosterol compounds. D. H. Gould and W. L. Ruigh. 2,563,235, Aug. 7.
Purification of silver nitrate solutions. M. Marasco, L. J. Conrad, and J. A. Moede. 2,543,792, Mar. 6.
Purification of steam. B. J. Cross. 2,562,484, July 31.
Purification of streptomycin by carboxylic acid type ion exchange resins. E. E. Howe and I. Putter. 2,541,420, Feb. 13.
Purification of substances by microbial action. R. J. Strawinski. 2,574,070, Nov. 6.
Purification of sugar solutions. R. R. Bottoms and E. E. Pittman. 2,539,397, Jan. 30.
Purification of tetrachlorophthalic anhydrides. G. W. Steahly. 2,547,504, Apr. 3.
Purification of tetrahydrophthalimides. A. D. Green, E. O. Ohsol, and A. R. Kittleson. 2,566,986, Sept. 4.
Purification of thionyl chloride. F. C. Trager. 2,539,679, Jan. 30.
Purification of titanium tetrachloride. H. Espenschied. 2,560,423, July 10.
Purification of titanium tetrachloride. W. K. Nelson and H. Espenschied. 2,555,361, June 5.
Purification of titanium tetrachloride. E. S. Nowicke. 2,543,591, Feb. 27.
Purification of triaryl phosphates. D. F. Pontz. 2,570,480, Oct. 9.
Purification of wood rosin. W. G. Knox and G. L. Cunningham. 2,573,454, Oct. 30.
Purified heparin, Preparing. L. Butturini and G. Bernini. 2,571,679, Oct. 16.
Purified oils and preparing same. F. P. Parkin and G. N. Walker. 2,564,407, Aug. 14.
Purifying alkali metal hydroxides. C. C. Brumbaugh. 2,562,169, July 31.
Purifying and clarifying water. L. E. Weymouth. 2,542,743, Feb. 20.
Purifying and packaging uranium hexachloride, Method and apparatus for. C. H. Prescott, Jr. 2,574,842, Nov. 13.
Purifying and testing a fluid dielectric and filling a container or an electrical capacitor therewith, Method and apparatus for. S. Wald. 2,562,972, Aug. 7.
Purifying borohydrides of the alkali metals. M. D. Banus and T. R. P. Gibb, Jr. 2,542,746, Feb. 20.
Purifying citrus juices. W. R. Ketchum. 2,545,581, Mar. 20.
Purifying dehydroacetic acid by distillation with glycol compounds. G. C. Wiggins and W. E. Johnson. 2,553,992, May 22.
Purifying ethylene diamine di-acetic acid. F. C. Bersworth. 2,558,923, July 3.
Purifying 4-aminosalicylic acid. K.-G. Rosdahl. 2,580,195, Dec. 25.
Purifying gases. W. F. Engel. 2,537,448, Jan. 9.
Purifying heavy boiler oil. H. O. Lindgren. 2,539,915, Jan. 30.
Purifying juice. O. Wiklund. 2,547,298, Apr. 3.
Purifying magnesia containing impurities including iron, manganese, and boron. T. Woodward. 2,571,983, Oct. 16.
Purifying N-methyl-p-aminophenol. J. L. Patterson, J. E. Beach, and G. F. Feldbauer, Jr. 2,559,896, July 10.
Purifying normal 1-olefins. H. A. Dutcher. 2,552,669, May 15.
Purifying oil by distillation. C. J. Egger and R. H. Webster. 2,575,051, Nov. 13.
Purifying rosin. W. G. Knox and G. L. Deniston. 2,560,876, July 17.
Purifying rutin. C. F. Krewson. 2,543,783, Mar. 6.
Purifying sodium stannate. H. W. Richter. 2,562,577, July 31.
Purifying sulfonic acids. W. A. Proell. 2,567,399, Sept. 11.
Purifying sulfuric acid. E. A. Epps, Jr., and B. S. Garrett. 2,553,407, May 15.
Purifying sulfuric acid alkylates. M. J. Murray. 2,538,262, Jan. 16.
Purse. G. B. Higgins. 2,567,602, Sept. 11.
Purse and billfold, Combination. J. Klein. 2,569,241, Sept. 25.
Purse and billfold, Combination. E. K. Renz. 2,573,063, Oct. 30.
Purse for handbags, Removable. D. Filenbaum. 2,544,493, Mar. 6.
Purse light. J. W. Crockett. 2,558,606, June 26.
Push back chair. J. Eckert and E. P. Klar. 2,553,445, May 15.
Push bar assembly. D. N. Jewett. 2,576,511, Nov. 27.
Push-button actuated door latch. A. G. Whalley. 2,565,711, Aug. 28.
Push-button biturn single-pole switch. J. A. Ginard. 2,577,960, Dec. 11.
Push-button contactor. P. M. Christensen. 2,559,112, July 3.
Push-button control. R. and M. Demeulenaere. 2,544,918, Mar. 13.
Pushbutton, Electric. W. Huppert. 2,550,250, Apr. 24.
Push-button electric switch. H. E. Cobb and W. C. Furnas. 2,550,777, May 1.
Push button, Plate. W. W. Brockway. 2,546,086, Mar. 20.
Push-button switch. S. Brantingson. 2,567,421, Sept. 11.
Push-button switch. C. D. Gross. 2,562,185, July 31.
Push-button switch. H. T. Walton. 2,558,113, June 26.
Push cart, Collapsible. E. G. Linton. 2,564,266, Aug. 14.
Push or pull toggle clamp. J. Olson. 2,574,281, Nov. 6.
Push-pull mixing circuit. D. Kleis and A. van Weel. 2,554,107, May 22.
Push-pull output tube. R. Adler. 2,553,735, May 22.
Push-push latch. A. D. Meyer. 2,565,873, Aug. 28.
Pushing and driving mechanism for toys. M. Ernst. 2,560,938, July 17.
Putty remover. F. Pomichter. 2,545,379, Mar. 13.
Putty tool. L. Wolff. 2,559,553, July 3.
Puzzle. R. W. Culwell. 2,541,411, Feb. 13.
Puzzle. V. E. Gleasman. 2,553,913, May 22.
Puzzle device, Peg and hole. I. G. Loe. 2,569,637, Oct. 2.
Puzzle, Educational. L. J. Kemp. 2,544,961, Mar. 13.
Pyranthrone composition comprising an inorganic halogenate and process for dyeing. J. M. Mecco. 2,548,546, Apr. 10.
Pyranthrone dye composition comprising an inorganic nitrite and dyeing. J. M. Mecco. 2,548,545, Apr. 10.
Pyranthrone dye compositions and dyeing. J. M. Mecco. 2,576,847, Nov. 27.
Pyrazines, Manufacture of. R. P. Germann. 2,574,324, Nov. 6.
Pyrazolone diazotype couplers. S. C. Slifkin. 2,536,398, Jan. 2.
Pyridindenes and their manufacture. J. T. Plati and W. Wenner. 2,546,652, Mar. 27.
Pyridine compounds and their production. N. Steiger. 2,544,904, Mar. 13.
Pyridine preparation. C. A. Weisgerber. 2,549,651, Apr. 17.
Pyridinium halides, Quaternary. E. C. Britton and J. N. Hensen. 2,578,668, Dec. 18.
Pyridinium sulpho compounds. M. Séon and I. Raitzyn. 2,537,428, Jan. 9.
Pyridoxal-histamine and preparing the same. D. H. Hoffman, S. A. Harris, and K. Folkers. 2,540,946, Feb. 6.
Pyridyl substituted ketones. A. M. Clifford. 2,579,419, Dec. 18.
Pyridyl-3-carbinol, Manufacture of. R. Schläpfer. 2,547,048, Apr. 3.
Pyrimidyl-mercapto-acetic acids and derivatives thereof, Halogenated. J. Druey. 2,553,037, May 15.
Pyrolysis furnace. H. C. Schutt. 2,557,569, June 19.
Pyrolysis of chloro-fluoro alkanes. F. B. Downing, A. F. Benning and R. C. McHarness. 2,551,573, May 8.
Pyrolytic conversion of hydrocarbons with the aid of a catalyst. R. B. Smith. 2,556,114, June 5.
Pyromellitic acid, Manufacture of. J. J. A. Knops. 2,576,020, Nov. 20.
Pyrometer. H. R. Bianco, A. H. Wilson, and R. A. Giles. 2,576,514, Nov. 27.
Pyrometer, Radiation. L. J. Koci. 2,555,273, May 29.
Pyrometer, Radiation. D. G. Tilton. 2,561,077, July 17.
Pyrophosphate esters as rodenticides. F. D. Smith and J. S. Harris. 2,554,757, May 29.
Pyrotechnic device. H. C. Clauser and R. S. Long. 2,548,946, Apr. 17.
Pyrotechnic match capable of repeated ignition. F. K. Knutsson-Hall. 2,568,285, Sept. 18.
Pyrro-colinocarbocyanine dyes and the preparation thereof. R. H. Sprague. 2,571,775, Oct. 16.
Pyrrolidine compounds and preparing same. G. L. Evans. 2,578,526, Dec. 11.
Quadding apparatus. L. O. Rhodes. 2,542,572, Feb. 20.
Quadrant for mill screwdowns, Rising. D. S. Gee. 2,555,966, June 5.
Quality of olefin polymer lubricants. R. L. Heinrich. 2,540,580, Feb. 6.
Quantitative gas measuring. E. W. Herold. 2,560,952, July 17.
Quantity indicator for draw benches or the like. L. Holmes, E. O. Burnard, and J. B. Higgs. 2,561,512, July 24.
Quantity selecting machine for segregating dry granular material. A. G. and A. E. Stevens. 2,548,245, Apr. 10.
Quartz crystals, Producing. D M. Ruggles. 2,572,667, Oct. 23.
Quartz working process and article. C. E. Bock and R. P. Burrows, Jr. 2,579,108, Dec. 18.
Quaternarizing anion active resins. M. W. Michael. 2,543,666, Feb. 27.
Quaternary amines from tertiary amines and beta-lactones, Preparation of. F. T. Fiedorek. 2,548,428, Apr. 10.
Quaternary ammonium compound. W. S. Gump and E. J. Nikawitz. 2,537,993–4, Jan. 16.
Quaternary ammonium compounds. M. T. Leffler and W. D. Krueger. 2,566,132, Aug. 28.

Quaternary ammonium derivatives of vinylpyridine-polyvinylbenzene copolymers. E. F. Jackson. 2,540,985, Feb. 6.
Quaternary ammonium salts of acylated aminoethylmorpholines, Preparation of. H. S. Mannheimer. 2,562,384, July 31.
Quaternary ammonium salts of di- and tri-(dialkylaminoalkoxy)-benzenes. E. Fourneau. 2,544,076, Mar. 6.
Quaternary ammonium salts of phosphorus acid esters. J. H. Werntz. 2,563,506, Aug. 7.
Quaternary ammonium salts of tertiary-aminoalkyl substituted phenylacetonitriles. A. W. Ruddy. 2,566,535, Sept. 4.
Quaternary phenanthridinium compounds. L. P. Walls and F. C. Copp. 2,577,367, Dec. 4.
Quaternary salts-alkylbenzyl alkyl dimethyl ammonium halides. P. L. de Benneville and L. H. Bock. 2,569,408, Sept. 25.
Quaternary thenyl compounds. L. P. Kyrides. 2,548,898, Apr. 17.
Queen and drone trap. C. H. Pease. 2,578,634, Dec. 11.
Quenching. H. E. Somes, Jr. and O. Marquardt. 2,547,053, Apr. 3.
Quenching apparatus for heat-treated workpieces. R. E. Dewey. 2,542,237, Feb. 20.
Quenching device for quenching the ends of abutting rails in a track joint. D. G. Kerwin. 2,538,366, Jan. 16.
Quenching molten material, Method and apparatus for. J. L. Porter. 2,569,779, Oct. 2.
Quick-acting clamp. H. D. Houghton and T. A. Woolsey. 2,546,098, Mar. 20.
Quick-acting hold-down cam clamp. A. F. Lehmann. 2,537,594, Jan. 9.
Quick-acting tensioning connector. J. A. Morrison and R. H. Weiland. 2,550,018, Apr. 24.
Quick-change hook. D. L. Conner. 2,553,133, May 15.
Quick-change self-locking wheel mounting. J. Scuderi. 2,568,370, Sept. 18.
Quick detachable hub. N. C. Bremer. 2,556,151, June 5.
Quick detachable means. H. Troeger. 2,553,220, May 15.
Quick disassembly slide fastener. R. I. Prupis. 2,575,502, Nov. 20.
Quick disassembly slide fastener. F. Ulrich. 2,575,501, Nov. 20.
Quick emptying, movably mounted, spring-loaded supply container. W. H. Richards. 2,547,974, Apr. 10.
Quick exit separable fastener. L. H. Morin. 2,578,442, Dec. 11.
Quick-freeze apparatus and method. C. L. Kirk. 2,563,938, Aug. 14.
Quick freeze apparatus and method. R. M. Magnuson. 2,561,477, July 24.
Quick-freezing machine. C. D. Burney. 2,543,889, Mar. 6.
Quick-freezing method and apparatus. S. C. Craig. 2,554,560, May 29.
Quick heat water heater. J. H. Epling and E. M. Lyons. 2,561,465, July 24.
Quick-opening cage mill. C. W. Gordon. 2,539,775, Jan. 30.
Quick opening valve. B. J. Ferro, Jr. 2,553,645, May 22.
Quick-operating pressure relief valve. D. G. Griswold. 2,543,846, Mar. 6.
Quick release attachment for vise grip pliers. M. Eisenberg. 2,576,286, Nov. 27.
Quick release clamp. J. A. Hagan. 2,543,017, Feb. 27.
Quick-release fastener. C. L. Ash. 2,563,809, Aug. 14.
Quick release for foot bars of sewing machines. H. L. Russell. 2,542,434, Feb. 20.
Quick release locking type shear load bearing fastener. G. S. Wing. 2,571,641, Oct. 16.
Quick-release valve. T. R. Coggeshall. 2,574,377, Nov. 6.
Quick return mechanism for bed and cylinder presses. A. W. Ranger. 2,567,578, Sept. 11.
Quickly removable filter casing cover. R. M. Zimmerman and W. V. Kennedy. 2,568,181, Sept. 18.
Quilting frame. T. M. Rice. 2,569,337, Sept. 25.
Quinaldinium salts and synthesis. D. W. Heseltine. 2,578,303, Dec. 11.
Quinones, Preparation of substituted. W. K. T. Gleim and A. Gaydasch. 2,573,136, Oct. 30.
Rabbit feeder. H. H. Venske and H. R. Youngman. 2,537,494, Jan. 9.
Racemization of lysine. R. D. Emmick, K. O. Hambrock, and A. O. Rogers. 2,536,360, Jan. 2.
Raceway, Surface metal. C. E. Barnes, Sr. and C. E. Barnes, Jr. 2,569,916, Oct. 2.
Racing game apparatus. C. L. Deihle. 2,580,077, Dec. 25.
Racing game apparatus, Pneumatic. J. C. Wilson. 2,571,081, Oct. 9.
Rack: *See*—
Automobile clothes rack.
Bakery cake tin rack.
Book unit rack.
Bottle sterilizer rack.
Butcher's tool rack.
Candle-receiving rack.
Cloth rack.
Clothes drying rack.
Clothes rack.
Collapsible rack.
Collator rack.
Developing rack.
Display rack.
Electroplating rack.
Floor rack.
Floral rack.
Folding clothes rack.
Garment bagging rack.
Garment rack.
Gun rack.
Holding rack.
Load supporting rack.
Material storage rack.
Musical instrument rack.
Necktie rack.
Pallet rack.
Pin and snap tie rack.
Pole storage rack.
Portable gun rack.
Portable rack.
Poultry killing rack.
Restaurant counter rack.
Sanitary knife rack.
Shoe rack.
Ski rack.
Smokehouse meat rack.
Spool rack.
Storage rack.
Tie rack.
Valve rack.
Vehicle side rack.
Wine bottle rack.
Rack. A. G. Eisenberg. 2,546,587, Mar. 27.
Rack. J. J. Graham. 2,545,996, Mar. 20.
Rack. E. T. Igler. 2,536,059, Jan. 2.
Rack. E. E. Kintz. 2,572,355, Oct. 23.
Rack. S. Schoor. 2,577,860, Dec. 11.
Rack. H. A. Westberg. 2,539,803, Jan. 30.
Rack and attaching means therefor, Baggage. C. L. Eksergian. 2,541,864, Feb. 13.
Rack and gear actuated clamp. A. Simonsen. 2,576,420, Nov. 27.
Rack and securing means therefor, Baggage. M. Watter. 2,514,898, Feb. 13.
Rack and shelf for supporting and illuminating sheet music, Extensible. P. M. Fuller. 2,542,502, Feb. 20.
Rack and tray, Combination display. W. R. Gunderson. 2,542,512, Feb. 20.
Rack construction for roasters. M. A. Potts. 2,549,709, Apr. 17.
Rack drive frame. L. S. Williams. 2,537,948, Jan. 16.
Rack filler, Automatic stick. R. H. Bloxham. 2,555,567, June 5.
Rack for automobile cowl panels. W. L. Olson. 2,547,883, Apr. 3.
Rack for automobiles, Garment. R. G. North. 2,536,765, Jan. 2.
Rack for automobiles, Luggage. D. M. Cotton. 2,574,018, Nov. 6.
Rack for beds, Shoe. C. W. Goodsman. 2,541,048, Feb. 13.
Rack for bottles, Carrier. R. G. Zenick. 2,559,060, July 3.
Rack for delivery automobiles. R. O. Hatteburg. 2,570,802, Oct. 9.
Rack for elongated articles, Holding. J. Shepard. 2,579,519, Dec. 25.
Rack for flat articles. C. B. Simmons. 2,553,117, May 15.
Rack for holding offset master sheets. F. H. Davis. 2,561,501, July 24.
Rack for holding roasts. H. J. Schell. 2,575,188, Nov. 13.
Rack for oil cans, Draining. R. R. Hankins. 2,575,809, Nov. 20.
Rack for publications. H. K. Ashley. 2,546,419, Mar. 27.
Rack for rolled goods, Dispensing and display. E. J. Walker. 2,551,190, May 1.
Rack for sterilizing bottles. H. F. Fromme. 2,553,180, May 15.
Rack for the support of garment hangers, Automobile carrier. A. J. Ackerman. 2,540,023, Jan. 30.
Rack for wheeled vehicles, Assembly and repair. E. W. Mervine. 2,556,929, June 12.
Rack or bed frame, Folding. W. Rossman. 2,541,438, Feb. 13.
Rack or tray for shelves. H. C. Fay and C. J. Donovan. 2,560,161, July 10.
Rack pocket, Display. H. J. Rubenstein. 2,560,896, July 17.
Rack, table, and leg rest, Combination magazine. D. E. Thompson. 2,574,425, Nov. 6.
Racks, Making plastic die. S. P. Kish. 2,565,134, Aug. 21.
Racket. J. N. Tynan and G. K. Geerlings. 2,546,140, Mar. 20.
Racket, Tennis. E. Tribelhorn. 2,552,020, May 8.
Radar and communication system, Combined. E. E. Crump. 2,542,182, Feb. 20.
Radar apparatus. D. R. Tashjian. 2,541,009, Feb. 6.
Radar equipment calibrating system. D. M. Jacob. 2,549,473, Apr. 17.
Radar indication system. W. N. Dean and J. C. Rundlett. 2,537,973, Jan. 16.
Radar navigation apparatus, Delayed pulse. F. C. Thompson. 2,545,754, Mar. 20.
Radar receiver sensitivity control system. A. L. Free and D. B. Hoffman. 2,573,762, Nov. 6.
Radar scanner apparatus. T. I. Moseley. 2,543,188, Feb. 27.
Radar scanner equipment mounted on vehicles of all kinds, Stabilized. A. L. Perham. 2,554,119, May 22.
Radar scanner unit. T. I. Moseley. 2,544,433, Mar. 6.
Radar system. H. Gutton and M. Ponte. 2,569,758, Oct. 2.
Radar system, Directional. K. T. Bainbridge. 2,577,502, Dec. 4.
Radar system, including distance measuring system. Pictorial display. D. H. Ewing. 2,539,901, Jan. 30.
Radar system, Moving target indication. A. G. Emslie. 2,548,779, Apr. 10.
Radar system, Moving target indication. A. G. Emslie. 2,555,121, May 29.
Radar system of superheterodyne frequency-modulated type. R. A. Braden. 2,540,506, Feb. 6.
Radar system of superheterodyne type, Frequency-modulated. R. A. Braden. 2,544,293, Mar. 6.
Radar system test equipment. W. W. Hansen and J. R. Woodyard. 2,539,511, Jan. 30.

Radar system, Utility. C. A. Laws. 2,562,987, Aug. 7.
Radar system with gating and synchronized recorder. J. P. Smith. 2,570,500, Oct. 9.
Radar system with selective sector presentation. D. L. Plaistowe and R. P. Shipway. 2,563,188, Aug. 7.
Radar tracking system. B. Chance. 2,572,986, Oct. 30.
Radar trainer. E. B. Hales. 2,555,442, June 5.
Radial beam modulator tube. C. C. Bath. 2,552,363, May 8.
Radial brush seal for heat exchangers. W. D. Yerrick and S. Holm. 2,549,656, Apr. 17.
Radial contact switch. J. A. Schwarz. 2,554,506, May 29.
Radial roller bearing. W. G. Forkey. 2,561,105, July 17.
Radial spline impeller drive for turbochargers. M. L. Land. 2,577,134, Dec. 4.
Radial vane pump. N. F. MacMillin and H. M. Purcell. 2,545,238, Mar. 13.
Radiant bowl gas burner. C. H. Butz. 2,542,750, Feb. 20.
Radiant cover. J. L. Reynolds. 2,579,964, Dec. 25.
Radiant energy control device. J. S. Herson. 2,538,781, Jan. 23.
Radiant energy detector. H. W. Jury and H. R. Lubcke. 2,562,864, July 31.
Radiant energy high-temperature heating apparatus. L. W. Parker. 2,543,053, Feb. 27.
Radiant energy sterilizer. M. Rosenthal. 2,554,156, May 22.
Radiant heat dryer. W. Messinger. 2,565,570, Aug. 28.
Radiant heat sealing. P. B. Hultkrans. 2,562,146, July 24.
Radiant heater. W. Lamb. 2,536,648, Jan. 2.
Radiation counter. M. S. Freedman. 2,551,531, May 1.
Radiation counter. C. R. Marsh. 2,550,488, Apr. 24.
Radiation detecting device. M. J. E. Golay. 2,557,096, June 19.
Radiation detection. C. F. Teichmann. 2,562,969, Aug. 7.
Radiation detection and measuring apparatus and method. D. W. Engelkemeir and N. Sugarman. 2,574,632, Nov. 13.
Radiation detector. J. W. Coltman. 2,550,107, Apr. 24.
Radiation detector. F.-H. B. Marshall. 2,539,196, Jan. 23.
Radiation detector. R. H. McFee. 2,553,420, May 15.
Radiation detector. S. A. Scherbatskoy. 2,536,314, Jan. 2.
Radiation detector. E. O. Wollan and L. A. Pardue. 2,536,991, Jan. 2.
Radiation meter. C. C. Lauritsen. 2,577,253, Dec. 4.
Radiation pyrometer. G. Farnell. 2,556,841, June 12.
Radiation-sensitive cells and making same. A. von Hippel, M. C. Bloom, and J. H. Schulman. 2,572,079, Oct. 23.
Radiation shield means. E. R. Downe. 2,543,568, Feb. 27.
Radiator. J. T. Bryce. 2,573,539, Oct. 30.
Radiator. E. G. Powell, O. G. Johnson, and A. J. Olson. 2,557,760, June 19.
Radiator. W. L. Powell. 2,556,632, June 12.
Radiator. L. D. Waldron. 2,571,505, Oct. 16.
Radiator adapted to be fed by a coaxial line. Horn. H. J. Riblet and J. Steinberger. 2,548,821, Apr. 10.
Radiator and engine mounting, Vehicle. B. G. Rich. 2,549,524, Apr. 17.
Radiator ball air relief valve. W. J. White. 2,549,035, Apr. 17.
Radiator. Baseboard. A. C. O'Day. 2,568,818, Sept. 25.
Radiator bracket. A. A. Emrick. 2,546,359, Mar. 27.
Radiator cap. E. Lisota. 2,558,620, June 26.
Radiator fin for pipes. F. G. Buongirno. 2,574,142, Nov. 6.
Radiator, Focusing ultrasonic. G. W. Willard. 2,549,872, Apr. 24.
Radiator for internal-combustion engines, Auxiliary heat. W. A. Dennis. 2,543,443, Feb. 27.
Radiator in central heating installations. K. Janik. 2,567,515, Sept. 11.
Radiator installation for motor vehicles. M. Toth. 2,576,316, Nov. 27.
Radiator lift. W. R. Williams. 2,576,660, Nov. 27.
Radiator, Multisectioned. B. V. Giegerich. 2,554,185, May 22.
Radiator shutter, Automatic. W. C. Arsem. 2,551,921, May 8.
Radiator system, Recirculating. F. W. Hild. 2,556,327, June 12.
Radiator testing apparatus. D. L. Block. 2,565,119, Aug. 21.
Radiator testing device. F. B. Thompson. 2,554,429, May 22.
Radioactive exploration. C. F. Teichmann. 2,557,158, June 19.
Radioactive halogens, Production of. A. F. Reid. 2,554,316, May 22.
Radioactive iron, Production of. J. A. Swartout. 2,571,965, Oct. 16.
Radioactive isotopes, Production of. A. F. Reid. 2,579,243, Dec. 18.
Radioactive locating means. J. W. McPhee. 2,549,109, Apr. 17.
Radioactive product and producing the same. L. B. Werner. 2,554,476, May 22.
Radioactive source. W. W. Schultz and E. P. Kozoriz. 2,575,134, Nov. 13.
Radioactivity detector. J. D. Lahmeyer and J. T. Callahan. 2,544,928, Mar. 13.
Radio aid to navigation. D. G. C. Luck. 2,536,509, Jan. 2.
Radio alarm transmitting, recording, and signaling system. P. E. Fischler. 2,574,696, Nov. 13.
Radioamplifier for variable load conditions, Compensated. E. D. Smith and W. B. Reilly. 2,542,293, Feb. 20.
Radio and intercommunicating set, Combined. W. W. Garstang. 2,573,257, Oct. 30.
Radio and intercommunication apparatus and system. O. Plawczyk. 2,559,898, July 10.
Radio and like instruments for use in high-frequency testing research and development. W. O. Agar. 2,562,759, July 31.
Radio antenna scanning and azimuth marking means. F. B. Berger and F. F. Slack. 2,572,975, Oct. 30.
Radio antenna system. S. Lidz. 2,565,661, Aug. 28.
Radio apparatus. R. H. Hagopian. 2,545,997, Mar. 20.
Radio apparatus. N. B. Tharp. 2,554,279, May 22.
Radio apparatus construction. D. M. King. 2,545,959, Mar. 20.
Radio apparatus employing slot antenna. N. L. Harvey. 2,555,443, June 5.
Radio apparatus, Stop-on-signal. E. F. Andrews. 2,541,018, Feb. 13.
Radio apparatus, Switchless multiband. W. L. Carlson. 2,561,494, July 24.
Radio beacon and system utilizing it. L. W. Alvarez. 2,568,265, Sept. 18.
Radio beacon for aircraft. L. C. Stenning. 2,570,880, Oct. 9.
Radio beacon simulating system. M. C. Ellison. 2,563,777, Aug. 7.
Radio beacon system. J. W. Alexander and B. J. Wesselink. 2,577,443, Dec. 4.
Radio beacon system. W. J. O'Brien. 2,550,372, Apr. 24.
Radio cabinet. C. P. Geyh. 2,552,372, May 8.
Radio calling system. C. W. Hansell. 2,571,031, Oct. 9.
Radio carrier synchronization system. A. V. Bedford and G. C. Sziklai. 2,536,255, Jan. 2.
Radio chassis and tube socket. I. H. Page. 2,551,630, May 8.
Radio communication system. J. R. Brinkley. 2,545,511, Mar. 20.
Radio communication system, Noninterceptive. B. S. Parker. 2,545,894, Mar. 20.
Radio communication transmitting and receiving combination. F. M. Davis. 2,537,972, Jan. 16.
Radio control, Automatic emergency. B. Turner. 2,538 135, Jan. 16.
Radio control mechanism. C. W. D. Schaefer. 2,555,156, May 29.
Radio control of flying objects. G. Guanella. 2,554,188, May 22.
Radio detection and ranging system, Extended range. G. W. Fyler. 2,568,441, Sept. 18.
Radio detection system. D. D. Grieg. 2,551,595, May 8.
Radio detection system for finding range and direction. A. D. Smith, Jr. and H. M. Guthman. 2,547,051, Apr. 3.
Radio dial and dial drive. G. L. Temple. 2,571,498, Oct. 16.
Radio direction finder. T. H. Clark. 2,539,402, Jan. 30.
Radio direction finder. R. A. Gordon. 2,551,594, May 8.
Radio direction finder. L. L. Lakatos. 2,562,986, Aug. 7.
Radio direction finder having sense antenna. J. G. Speer. 2,572,211, Oct. 23.
Radio direction finding means for aviation trainers, Simulated. G. A. Decker. 2,559,039, July 3.
Radio direction finding system. R. F. Cleaver. 2,547,622, Apr. 3.
Radio direction finding system. J. Selz. 2,568,768, Sept. 25.
Radio distance and moving target indicator. P. Gloess. 2,566,189, Aug. 28.
Radio distance measurements. F. R. W. Strafford. 2,553,018, May 15.
Radio distance measuring and like system. N. M. Rust and P. S. Brandon. 2,556,109, June 5.
Radio distance measuring system. E. G. Newsom. 2,576,963, Dec. 4.
Radio echo system. A. T. Starr and V. J. Hay. 2,551,180, May 1.
Radio echo system for aircraft. G. C. Schleter and H. R. Senf. 2,546,170, Mar. 27.
Radio energized lamp. N. B. Wales, Jr. 2,579,989, Dec. 25.
Radio frequency apparatus. S. I. Rambo. 2,568,410, Sept. 18.
Radio-frequency bar sealer and control apparatus therefor. E. B. Snyder. 2,539,375, Jan. 23.
Radio-frequency calorimeter wattmeter. J. M. Wolf. 2,576,060, Nov. 20.
Radio frequency contactor. J. F. Frese. 2,563,830, Aug. 14.
Radio-frequency device. R. L. Burtner. 2,554,936, May 29.
Radio-frequency distribution system. W. Hotine. 2,571,137, Oct. 16.
Radio-frequency filter. A. V. Haeff. 2,558,748, July 3.
Radio-frequency generator. D. H. Preist. 2,554,501-2, May 29.
Radio-frequency mixer. R. H. Dicke. 2,547,378, Apr. 3.
Radio-frequency oscillator organization. J. C. O'Brien. 2,570,840, Oct. 9.

Radio-frequency power supply, Capacitively coupled. E. A. Kucharski. 2,555,449, June 5.
Radio frequency pulse transmission. R. M. Page. 2,541,092, Feb. 13.
Radio-frequency switch. R. E. Charles. 2,556,869, June 12.
Radio-frequency transmission line. W. N. Christiansen. 2,557,781, June 19.
Radio-frequency transponder. D. G. C. Hare. 2,577,520, Dec. 4.
Radio-goniometric system. P. Bodez. 2,578,966, Dec. 18.
Radio guidance system. J. Aicardi. 2,566,154, Aug. 28.
Radio guidance system for mobile craft using automatic homing correction. J. Aicardi. 2,540,413, Feb. 6.
Radio-guiding system. J. Aicardi. 2,540,414, Feb. 6.
Radio guiding system. J. Aicardi. 2,557,855, June 19.
Radio-guiding system. G. Aribert. 2,578,961, Dec. 18.
Radio guiding system. E. M. Deloraine and G. J. Lehmann. 2,539,405, Jan. 30.
Radio heterodyne distribution system, Multiple. J. L. Cassell. 2,545,259, Mar. 13.
Radio impulse receiver. J. C. Seddon. 2,543,068, Feb. 27.
Radio indicator or dial, Calibrated traveling band. E. F. Shawver. 2,570,602, Oct. 9.
Radio interference eliminator. L. Freiberg. 2,570,440, Oct. 9.
Radio location. G. Kikkenhauser. 2,570,738, Oct. 9.
Radio locator system, Plural image. R. H. Rines. 2,553,606, May 22.
Radio modulation system. L. W. Franklin. 2,539,243, Jan. 23.
Radio navigation system. C. W. Earp and C. E. Strong. 2,565,485, Aug. 28.
Radio navigation system. A. Germaix. 2,536,683, Jan. 2.
Radio navigation system. R. F. Rothschild. 2,539,482, Jan. 30.
Radio navigation system. C. E. Strong. 2,541,125, Feb. 13.
Radio navigational aid. E. Fennessy. 2,536,433, Jan. 2.
Radio-optical tracking apparatus. J. H. Lancor, Jr., F. R. Marindin, and R. D. McCoy. 2,550,700, May 1.
Radio oscillator control. H. M. Bach. 2,555,391, June 5.
Radio paging system for vehicles. E. Praizner. 2,554,591, May 29.
Radio phonograph attachment. J. H. Hopffgarten. 2,548,372, Apr. 10.
Radio-phonograph cabinet. W. W. Garstang and W. R. McFarlane. 2,565,304, Aug. 21.
Radio-phonograph combination. N. F. Berry. 2,536,123, Jan. 2.
Radio position determining system. B. B. Jacobsen. 2,551,604, May 8.
Radio position indicating system and apparatus. J. E. Hawkins and B. W. Koeppel. 2,551,211, May 1.
Radio program selection system. J. H. Landells. 2,560,803, July 17.
Radio pulse communication system. A. A. Varela. 2,544,740, Mar. 13.
Radio pulse distance and direction indicator. H. G. Busignies. 2,541,030, Feb. 13.
Radio pulse-echo moving object detection system. A. G. Emslie. 2,543,449, Feb. 27.
Radio pulse-echo system, Moving object. A. G. Emslie. 2,543,448, Feb. 27.
Radio pulse system. E. J. Isbister. 2,579,497, Dec. 25.
Radio range beacon. R. I. Colin. 2,541,040, Feb. 13.
Radio range system, Omnidirectional. G. B. Litchford. 2,565,506, Aug. 28.
Radio range tracking and indicating system controlled in response to recurrent signal, Pulse type. W. P. Boothroyd and A. L. Free. 2,536,488, Jan. 2.
Radio range tracking and indicating system, Pulse type. W. E. Bradley. 2,536,346, Jan. 2.
Radio ranging and craft identification system. H. E. Bernstein. 2,541,982, Feb. 20.
Radio ranging system. L. C. Young and R. M. Page. 2,554,515, May 29.
Radio receiver. W. J. Gruen. 2,541,818, Feb. 13.
Radio receiver. F. S. Mabry and W. R. Wilson. 2,548,383, Apr. 10.
Radio receiver. W. J. O'Brien. 2,569,426, Sept. 25.
Radio receiver. A. Preisman. 2,572,053, Oct. 23.
Radio receiver, Compact. P. Rosenberg. 2,554,270, May 22.
Radio receiver control apparatus. A. H. Fredrick, I. A. Greenwood, Jr., and C. J. Swartwout. 2,562,309, July 31.
Radio receiver for multiple signals. D. H. Mitchell. 2,560,121, July 10.
Radio receiver for use on aircraft in the field of a rotating beam. G. Guanella. 2,578,241, Dec. 11.
Radio receiver, Permeability tuned. A. W. Simon and G. L. Johnson, Jr. 2,542,950, Feb. 20.
Radio receiver sequence tuner. C. E. Miller. 2,571,598, Oct. 16.
Radio receiver tuning mechanism. W. W. Dewhurst. 2,555,475, June 5.
Radio receiver, Universal power input. J. La Via. 2,575,059, Nov. 13.
Radio receiver with logarithmic response circuit. E. D. Schreiner and B. Howland. 2,548,913, Apr. 17.
Radio receiving and transmitting system. J. Robinson. 2,563,869, Aug. 14.
Radio receiving apparatus. W. J. O'Brien. 2,548,233, Apr. 10.
Radio receiving set. R. Brenta. 2,542,793, Feb. 20.
Radio receiving system. M. G. Crosby. 2,570,431, Oct. 9.
Radio receiving system, Interference reducing. L. Cohen. 2,558,339, June 26.
Radio receiving system, Multiple channel. R. B. Dome. 2,562,703, July 31.
Radio receiving system, Very high-frequency. R. W. Hart. 2,577,757, Dec. 11.
Radio reception, Directional. J. G. Kreer, Jr. 2,548,671, Apr. 10.
Radio reflector marker. C. W. Hansell. 2,570,549, Oct. 9.
Radio scanner control. F. C. Williams and A. I. Llewelyn. 2,559,834, July 10.
Radio signal reception and tuning. F. Nienaber, M. Henderson, E. L. Ranseen, and C. W. Lytle. 2,558,454, June 26.
Radio signaling system, Remote supervisory. W. S. Halstead. 2,577,751, Dec. 11.
Radio silencer, Adjustable. H. Rehfeldt. 2,549,929, Apr. 24.
Radio station, Air launched. R. P. Bennett. 2,555,867, June 5.
Radio station selector. L. Biamonte. 2,572,976, Oct. 30.
Radio station selector. H. C. Hansen. 2,554,052, May 22.
Radio support for repair operations. J. F. Gaffney. 2,567,996, Sept. 18.
Radio system. M. Kline. 2,545,472, Mar. 20.
Radio system, based on echo pulse principle and utilizing a modified omnidirectional receiver, for aiding aircraft landing. S. W. H. W. Falloon. 2,536,496, Jan. 2.
Radio system for identifying friendly aircraft and the like. I. Stokes. 2,537,102, Jan. 9.
Radio system, Object-locating. J. A. Doremus. 2,557,864, June 19.
Radio system, Pressurized. W. P. Bollinger, F. A. Fuhrmeister, and J. E. Hill, Jr. 2,579,249, Dec. 18.
Radio telegraph system with direction control. L. M. Potts. 2,554,793, May 29.
Radio time switch. J. C. Dabkowski. 2,541,690, Feb. 13.
Radio tracking system. E. J. Isbister, H. M. Stearns, and W. N. Dean. 2,542,032, Feb. 20.
Radio transmitter and receiver, Multifrequency combined J. B. Harley and J. G. Nordahl. 2,539,537, Jan. 30.
Radio transmitter-receiver, including shielding chassis and plug-in stages. M. R. Winkler. 2,560,320, July 10.
Radio transmitter-receiver jamming system. E. M. Williams. 2,538,069, Jan. 16.
Radio transmitter-receiver station with automatic frequency control. R. Bataille. 2,550,519, Apr. 24.
Radio transmitter with hum compensating means. S. Breimer. 2,546,025, Mar. 20.
Radio transmitting and receiving combination. F. M. Davis. 2,560,558, July 17.
Radio transmitting-receiving apparatus. G. D. Perkins and C. E. Stone, Jr. 2,548,813, Apr. 10.
Radio tube extractor. J. W. Whitney. 2,568,210, Sept. 18.
Radio tube receptacle. W. Reynolds. 2,552,062, May 8.
Radio tuner for hearing aid apparatus. E. A. Strommen. 2,549,259, Apr. 17.
Radio tuning drive mechanism. E. D. Dawson. 2,557,217, June 19.
Radio velocity indicator. E. T. Jaynes. 2,558,758, July 3.
Radio wave receiving system. R. H. Rines. 2,571,165, Oct. 16.
Radio-wire recorder, Combination. L. M. Kay. 2,572,157, Oct. 23.
Radiographic apparatus. P. C. Renner. 2,575,295, Nov. 13.
Radiographic apparatus, Medical. S. Chaussé. 2,558,539, June 26.
Radiographic inspection apparatus. R. G. Rhoades. 2,539,102, Jan. 23.
Radiographic sheet. C. E. Boucher. 2,542,304, Feb. 20.
Radiography. P. Morrison. 2,541,599, Feb. 13.
Radiological or like apparatus. M. Poittevin. 2,539,323, Jan. 23.
Radium nasopharyngeal applicator. G. H. Loftus. 2,546,761, Mar. 27.
Raft holding and release apparatus. G. Sipkin. 2,559,682, July 10.
Rag looper. E. M. Kuebler. 2,573,204, Oct. 30.
Rail anchor. V. C. Armstrong. 2,571,648, Oct. 16.
Rail anchor. J. J. Gallagher. 2,549,447, Apr. 17.
Rail anchor. J. L. Grant. 2,571,565, Oct. 16.
Rail anchor means. T. W. Saul. 2,553,009, May 15.
Rail anchor securing means. M. K. Ruppert. 2,549,527, Apr. 17.
Rail and wheel lubricator. C. Stern. 2,555,615, June 5.
Rail bender. W. E. Roe. 2,555,608, June 5.
Rail bond, Multiple electrical. C. D. Richards. 2,544,180, Mar. 6.
Rail brace, Automatic adjustable. A. R. Schulze. 2,572,769, Oct. 23.
Rail bridging device for rail weighing devices. A. Wirth. 2,539,650, Jan. 30.
Rail chair. G. G. Edee. 2,579,373, Dec. 18.
Rail connector. J. H. Mason. 2,574,648, Nov. 13.
Rail crossing. J. H. Asselin. 2,539,529, Jan. 30.

Rail detector controller for drawbridges. G. V. Jefferson. 2,575,815, Nov. 20.
Rail, Escalator hand. W. F. Masek. 2,545,741, Mar. 20.
Rail fastening device. A. R. Schulze. 2,547,839, Apr. 3.
Rail fastening device. A. R. Schulze. 2,570,871, Oct. 9.
Rail flaw detector mechanism. H. C. Drake. 2,546,256, Mar. 27.
Rail flaw detector mechanism. W. E. Mesh. 2,549,916, Apr. 24.
Rail, Foldable prayer. A. E. Landau. 2,536,449–50, Jan. 2.
Rail for Venetian blinds, Bottom. F. J. Burns. 2,547,305, Apr. 3.
Rail joint. H. C. Isom. 2,538,249, Jan. 16.
Railroad brake slack adjuster. W. O. Martin. 2,559,779, July 10.
Railroad car. O. A. Kuhler and W. E. Burnett. 2,546,311, Mar. 27.
Railroad crosstie plate and rail brace, Combined. L. M. Westerhouse. 2,540,770, Feb. 6.
Railroad spike puller. C. S. Grimm. 2,545,027, Mar. 13.
Railroad tie puller. E. C. Johnson. 2,545,783, Mar. 20.
Railroad tie remover. E. W. Maves. 2,571,914, Oct. 16.
Railroad track crib cleaning apparatus. J. B. McWilliams. 2,574,118, Nov. 6.
Rail support. L. E. Wills. 2,563,201, Aug. 7.
Rail, Truck body side. L. S. Wood. 2,555,263, May 29.
Rail truck suspension. E. H. Piron. 2,573,108, Oct. 30.
Railway ballast cribber. H. W. Protzeller. 2,552,649, May 15.
Railway brake beam structure. H. W. Ekholm. 2,561,978, July 24.
Railway car. W. A. Janeczko. 2,561,927, July 24.
Railway car. O. A. Kuhler and W. E. Burnett. 2,564,909, Aug. 21.
Railway car corner construction. R. A. Shields. 2,555,296, May 29.
Railway car end arrangement. W. B. Dean and R. J. Theriault. 2,562,448, July 31.
Railway car framing structure. O. A. Kuhler. 2,575,454, Nov. 20.
Railway car springs. H. W. Frost, Jr., and L. E. Endsley. 2,571,229, Oct. 16.
Railway car truck and body mounting. P. Laukus, Sr. 2,551,443, May 1.
Railway car truck bolster. C. L. Orr. 2,575,888, Nov. 20.
Railway crossing bar. O. E. Manley. 2,574,926, Nov. 13.
Railway draft appliance. H. H. Wolfe. 2,545,330, Mar. 13.
Railway electronic safety control system. W. C. Evans and F. S. Mabry. 2,542,803, Feb. 20.
Railway hatch cover and locking the same. J. A. Duffie and A. J. Dovle. 2,547,859, Apr. 3.
Railway haul drive, Marine. D. M. Schwartz. 2,570,161, Oct. 2.
Railway house car construction. G. Madland. 2,563,178, Aug. 7.
Railway journal box. W. F. Triplett. 2,537,432, Jan. 9.
Railway rail. G. R. Burkhardt. 2,577,601, Dec. 4.
Railway signal. C. D. Eaves. 2,551,831, May 8.
Railway signal control system. W. H. Claus. 2,564,778, Aug. 21.
Railway signal control system. W. H. Claus. 2,571,834, Oct. 16.
Railway signal control system. A. L. Essman. 2,564,781, Aug. 21.
Railway signal control system. H. S. Young. 2,572,234, Oct. 23.
Railway sleeping car. F. L. Murphy and J. E. Candlin, Jr. 2,561,630, July 24.
Railway sleeping car. F. L. Murphy and J. E. Candlin, Jr. 2,570,837, Oct. 9.
Railway sleeping car room arrangement. M. Watter. 2,546,134, Mar. 20.
Railway switch. H. C. Jones. 2,551,951, May 8.
Railway tie, Concrete. G. A. Maney. 2,551,500, May 1.
Railway track, Model. M. A. G. Loré. 2,547,586, Apr. 3.
Railway truck axle box mounting. G. F. Couch. 2,572,113, Oct. 23.
Railway truck bolster. H. W. Stertzbach. 2,552,019, May 8.
Railway truck bolster-car bolster connection. B. Spearman. 2,576,367, Nov. 27.
Railway truck frame. R. H. Gaver. 2,538,307, Jan. 16.
Railway truck frame. R. R. Schubert. 2,547,720, Apr. 3.
Railway truck spring snubber. D. S. Barrows. 2,552,144, May 8.
Railway vehicle center bearing. R. Walsh. 2,550,505, Apr. 24.
Railway vehicle decomposable into two vehicles fit for road-running. E. Rimailho. 2,564,311, Aug. 14.
Railway vehicle rerailer. L. C. Bain. 2,564,557, Aug. 14.
Railing, Iron. W. A. Lapp and H. G. Pedrini. 2,558,142, June 26.
Railing structure. H. D. Lathrop. 2,557,002, June 12.
Raincoat for mailmen. J. E. W. Karow. 2,540,448, Feb. 6.
Rain guard for automobile ventilating windows. J. G. Heyck. 2,547,911, Apr. 3.
Rain pipe trap. J. F. Samide. 2,554,797, May 29.
Rain-water control for cisterns, Automatic. H. F. Fowler and E. E. Bishoff. 2,547,381, Apr. 3.
Raising and lowering heavy objects. H. Restetsky. 2,540,378, Feb. 6.
Raising boom. E. A. Bender. 2,542,176, Feb. 20.
Raising dough temperatures. R. N. Winfree. 2,577,220, Dec. 4.
Rake and stacker, Combination buck. E. W. and G. L. Hudson. 2,571,882, Oct. 16.
Rake, Broom. H. T. Jenkins. 2,536,607, Jan. 2.
Rake cleaner attachment. J. Conway. 2,572,247, Oct. 23.
Rake, Convertible hand. C. M. Rose. 2,552,016, May 8.
Rake, Dump. C. R. Pearson. 2,573,054, Oct. 30.
Rake, Dump. C. Tobin. 2,541,308, Feb. 13.
Rake means for tractors, Front end. J. J. Hoefer. 2,573,971, Nov. 6.
Rake, Metal. J. Pfistershammer. 2,570,852, Oct. 9.
Rake, Rotary. H. E. Van Ness. 2,546,620, Mar. 27.
Rake, Rotary side delivery. C. L. Conner. 2,545,723, Mar. 20.
Rake, Self-cleaning. F. F. Mattmann. 2,545,001, Mar. 13.
Rake, Special purpose ear corn. E. J. Nohl. 2,574,932, Nov. 13.
Rake tooth. L. G. Kopp. 2,558,095, June 26.
Rake, Tractor propelled buck. J. B. Richardson. 2,541,481, Feb. 13.
Rake with adjustably connected bottom and back panels. H. F. Rath. 2,544,861, Mar. 13.
Rake with frictional draft dumper, Rear delivery. A. B. Branco. 2,567,800, Sept. 11.
Rake with receptacle, Lawn. W. J. Propheter. 2,561,754, July 24.
Ram air operated fuel pump. W. K. Deacon. 2,550,678, May 1.
Ram couple, Fluid-actuated. C. W. Mott. 2,551,453, May 1.
Ram device with intermittent high-pressure fluid supply, Hydraulic. H. F. Bakewell. 2,537,391, Jan. 9.
Ram feeder for burning wood refuse. H. Kreisinger. 2,558,905, July 3.
Ramp for magnetrons, Variable. C. V. Litton. 2,555,349, June 5.
Ramp for ships, Extensible. T. J. Flippin. 2,568,330, Sept. 18.
Ramp, Loading. A. S. Hamilton, Jr. 2,547,460, Apr. 3.
Random digit generator. W. J. Frantz. 2,539,014, Jan. 23.
Range. A. H. Brodbeck. 2,557,496, June 19.
Range. W. R. Jones. 2,539,840, Jan. 30.
Range and direction finder. R. E. Miller. 2,560,587, July 17.
Range construction. E. A. Jones and R. E. Gardiner. 2,536,688, Jan. 2.
Range, Cooking. J. M. Cook, R. C. Lang, and S. C. Salter. 2,539,060, Jan. 23.
Range, Electric. L. F. Berg. 2,554,083, May 22.
Range finder mechanism. J. Bolsey. 2,541,193, Feb. 13.
Range finder-view finder unit. M. Schwartz and W. Castedello. 2,554,798, May 29.
Range finder with light beam correction. M. Schwartz and W. Castedello. 2,547,232, Apr. 3.
Range indicating system. J. W. Stafford and R. L. Garman. 2,573,070, Oct. 30.
Range indicating system, Precision. R. M. Page. 2,556,211–12, June 12.
Range, Kitchen. F. M. Pence. 2,551,759, May 8.
Range solution apparatus. E. J. Nagy and E. B. Hammond, Jr. 2,579,510, Dec. 25.
Range structure. L. E. Mendel, F. J. Port, and C. L. Turner. 2,554,626, May 29.
Range structure. L. E. Mendel, F. J. Port, and C. L. Turner. 2,559,890, July 10.
Range with ventilating hood. H. L. Warren. 2,564,087, Aug. 14.
Ranging system, Automatic. M. A. McLennan. 2,569,485, Oct. 2.
Rapid film wind device. D. C. Harvey. 2,575,012, Nov. 13.
Rapid load testing machine. D. S. Wood. 2,576,433, Nov. 27.
Rapid production of frigid air, Method and apparatus for the. R. Hoffman. 2,547,756, Apr. 3.
Rapid scanning system. J. Ruze and O. C. Woodyard. 2,576,146, Nov. 27.
Rapid service means. L. W. Bailey. 2,569,366, Sept. 25.
Rapid-wetting bentonite-calcium sulfate backfill for cathodic protection. C. A. Pippin, M. O. Robinson, and W. R. Bennett. 2,567,855, Sept. 11.
Rapper for electrical precipitation apparatus. A. S. Gannone. 2,547,573, Apr. 3.
Rare earth separation by adsorption and desorption. F. H. Spedding and A. F. Voigt. 2,539,282, Jan. 23.
Rasp loading fixture. P. C. Neilsen. 2,560,735, July 17.
Rattrap. E. F. Andrews. 2,541,681, Feb. 13.
Rat trap. S. R. Giacoletto. 2,574,780, Nov. 13.
Rat trap. F. M. Goodwin. 2,567,599, Sept. 11.
Rattrap. W. J. Martin. 2,564,491, Aug. 14.
Rattrap, Electric. E. W. Schulz. 2,544,730, Mar. 13.
Ratchet device. M. L. Godfrey. 2,565,961, Aug. 28.
Ratchet for coin controlled machines. L. P. Klopner. 2,577,199, Dec. 4.
Ratchet head for threaded bolts. M. H. North. 2,538,468, Jan. 16.
Ratchet mechanism. J. A. Fors. 2,542,241, Feb. 20.
Ratchet mechanism. L. E. Kilness. 2,554,990, May 29.
Ratchet mechanism. E. M. Pfauser and S. Mandl. 2,571,939, Oct. 16.

Ratchet mechanism, Reversible. R. G. Knudsen. 2,544,795, Mar. 13.
Ratchet-pawl retaining structure. P. P. Hale. 2,551,669, May 8.
Ratchet spanner wrench. C. A. Szetela. 2,574,424, Nov. 6.
Ratchet type socket wrench. W. Viets. 2,537,175, Jan. 9.
Ratchet wrench. W. R. Maclay. 2,573,469, Oct. 30.
Ratchet wrench. E. H. Sigsbey. 2,563,878, Aug. 14.
Ratcheting stud wrench. J. Keiser. 2,550,929, May 1.
Rate control means for target trackers. K. B. Palme. 2,578,202, Dec. 11.
Rate measuring and comparing circuit. A. M. Grass. 2,573,840, Nov. 6.
Ratemeter, Logarithmic. J. E. Jacobs. 2,552,854, May 15.
Rate of change and maximum limit device for pressure fluid servomotor regulating systems. D. C. Berkey and N. E. Starkey. 2,541,805, Feb. 13.
Rate-of-rise temperature responsive system. M. F. Peters. 2,553,603, May 22.
Rate smoothing network. H. Branson. 2,546,918, Mar. 27.
Ratio adjustment mechanism. H. L. Bowditch. 2,561,970, July 24.
Ratio circuit. J. P. Blewett. 2,553,294, May 15.
Ratio computing and indicating device for totalizators. J. Handley. 2,580,090, Dec. 25.
Ratio detector, Frequency modulation. E. I. Anderson. 2,561,089, July 17.
Ratio drive for nonuniform scale meters, Varying. A. J. Faustini. 2,547,634, Apr. 3.
Ratio drive, Hydraulic. H. B. McDonald. 2,536,200, Jan. 2.
Rattle and baby powder can, Combined. F. E. Blod. 2,562,013, July 24.
Raw fish treating process. M. Trudel. 2,560,011, July 10.
Ray detection tube. F. Koury. 2,552,723, May 15.
Rayon cake package. D. C. Thompson. 2,573,816, Nov. 6.
Razor. C. R. Bennett. 2,575,539, Nov. 20.
Razor. H. A. Blanchard. 2,565,062, Aug. 21.
Razor. A. J. Bruneau. 2,561,610, July 24.
Razor. R. P. Harshberger. 2,567,375, Sept. 11.
Razor. J. Lefkowitz. 2,558,859, July 3.
Razor. A. Piotrowski. 2,564,856, Aug. 21.
Razor. W. D. Winslow. 2,558,601, June 26.
Razor, Adjustable safety. F. L. Haushalter. 2,567,811, Sept. 11.
Razor and magazine combination. J. Muros. 2,562,115, July 24.
Razor and magazine, Safety. N. Testi. 2,566,043, Aug. 28.
Razor and sharpener therefor. J. M. Thomas. 2,565,281, Aug. 21.
Razor blade. G. Rauglas. 2,546,406, Mar. 27.
Razor blade changing, Safety. A. E. Toth. 2,562,137, July 24.
Razor blade conditioning. E. J. Gray. 2,562,162, July 31.
Razor blade dispenser. J. G. Roberts. 2,569,072, Sept. 25.
Razor blade dispensing container. J. Muros and T. L. Smith. 2,564,712, Aug. 21.
Razor blade holder. E. F. Hardey. 2,572,261, Oct. 23.
Razor blade holder. C. B. Stair. 2,549,542, Apr. 17.
Razor blade magazine. E. J. Gray. 2,542,510, Feb. 20.
Razor blades and product thereof, Producing glass. I. D. Wallach and E. C. Joost. 2,555,214, May 29.
Razor, Collapsible safety. M. H. Sacharow. 2,542,096, Feb. 20.
Razor, Continuous strip magazine. G. B. Jensen. 2,561,575, July 24.
Razor, Electric. G. A. Hinds. 2,578,974, Dec. 18.
Razor, Electric. R. O. Smith. 2,564,379, Aug. 14.
Razor heads, Making. W. J. Whitton. 2,547,104, Apr. 3.
Razor, Magazine type safety. P. H. Borden. 2,572,005, Oct. 23.
Razor, Magazine type safety. J. A. Gabriel. 2,576,588, Nov. 27.
Razor, Repeating safety. R. G. Arey. 2,563,634, Aug. 7.
Razor, Safety. H. C. Anderson. 2,568,047, Sept. 18.
Razor, Safety. J. R. Ayotte. 2,555,105, May 29.
Razor, Safety. A. C. Butler. 2,543,890, Mar. 6.
Razor, Safety. J. E. Fisk. 2,574,176, Nov. 6.
Razor, Safety. A. Foltis. 2,551,256, May 1.
Razor, Safety. E. J. Gray. 2,561,110, July 17.
Razor, Safety. E. J. Gray. 2,572,925, Oct. 30.
Razor, Safety. R. A. Griffin. 2,559,189, July 3.
Razor, Safety. J. T. Hellmann. 2,537,528, Jan. 9.
Razor, Safety. J. T. Hellmann. 2,569,167, Sept. 25.
Razor, Safety. P. Hoberg. 2,547,704, Apr. 3.
Razor, Safety. A. N. Masabny. 2,546,928, Mar. 27.
Razor, Safety. W. L. Mills. 2,572,367, Oct. 23.
Razor, Safety. W. J. Mitchell. 2,573,980, Nov. 6.
Razor, Safety. O. Rasmussen. 2,549,130, Apr. 17.
Razor, Safety. G. Rauglas. 2,546,405, Mar. 27.
Razor, Safety. H. F. Shannon. 2,560,004, July 10.
Razor supporting means. M. C. Thompson. 2,551,859, May 8.
Razor with concave upper cap face, Safety. E. A. Stewart. 2,545,533, Mar. 20.
Razor with discardable head, Safety. L. C. Denslow. 2,563,802, Aug. 14.
Razor with integral folded blade, Safety. A. Foltis. 2,550,056, Apr. 24.
Razor with reciprocating blade, Electric. F. J. Kent. 2,561,870, July 24.
Reactance tube circuit. R. E. Moe. 2,556,883, June 12.
Reacting alkyl mercaptans with synthetic rubbery diolefin polymers. M. W. Swaney and F. W. Banes. 2,556,856, June 12.
Reacting alpha-mono olefins with conjugated hydrocarbons and organic peroxides, and products produced thereby. F. M. Seger, W. E. Garwood and A. N. Sachanen. 2,551,641, May 8.
Reacting furfural with melamine-formaldehyde condensation products and composition obtained therefrom. R. Lindenfelser and D. G. Patterson. 2,562,051, July 24.
Reacting ketene and unsaturated carbonylic compounds. J. T. Fitzpatrick. 2,554,528, May 29.
Reacting olefinic compounds with carbon monoxide and hydrogen. W. F. Gresham and A. McAlevy. 2,564,104, Aug. 14.
Reacting 1-alkene hydrocarbons with an ester typified by diethyl dichloromalonate. E. C. Ladd. 2,577,422, Dec. 4.
Reacting rubbers with sulfur dioxide. J. T. Hackmann. 2,578,063, Dec. 11.
Reacting salts of phenols with halo-alkanoic acid compounds. H. M. Day and M. H. Bradley. 2,541,003, Feb. 6.
Reacting tertiary amines with polyvinyl esters and products obtained thereby. D. D. Reynolds and W. O. Kenyon. 2,571,761, Oct. 16.
Reaction base material. W. C. Goss. 2,563,836, Aug. 14.
Reaction of aliphatic polyhydric alcohols and chlorohydrins with SiS_2. J. B. Culbertson, H. D. Erasmus, and R. M. Fowler. 2,569,747, Oct. 2.
Reaction of alkylphenol, tertiary amine and epihalohydrin. J. F. Olin. 2,547,965, Apr. 10.
Reaction of allyl ethers with aldehydes to produce ketones. E. C. Ladd. 2,560,770, July 17.
Reaction of aminotriazine-aldehyde with vinyl acetate-maleic copolymer. M. Baer. 2,553,524, May 15.
Reaction of diolefin polymers with hydrogen and carbon monoxide. J. P. Jones and W. N. Axe. 2,544,555, Mar. 6.
Reaction of enol esters with alkoxy-carboxylic acid anhydrides. B. Phillips, Jr. 2,568,296, Sept. 18.
Reaction of gaseous ammonia with hydrocarbon silicon halides. N. D. Cheronis. 2,579,416, Dec. 18.
Reaction of glucopyranose polymers with substituted ammonium hydroxides. K. M. Gaver, E. P. Lasure, and L. M. Thomas. 2,563,526, Aug. 7.
Reaction of olefins and halogenated alkanes. C. F. Feasley and W. A. Stover. 2,551,639, May 8.
Reaction of organic compounds with hydrogen halides. A. I. Gebhart. Re. 23,404, Sept. 4.
Reaction of polycarboxylic acids and polythiols. J. C. Patrick and H. R. Ferguson. 2,563,133, Aug. 7.
Reaction of polymeric materials with ethylene. W. E. Hanford and J. R. Roland. 2,542,771, Feb. 20.
Reaction of vinyl ethers with hydroxy compounds. R. L. Adelman. 2,579,412, Dec. 18.
Reaction of vinyl ethers with thiols. J. W. Copenhaver. 2,551,421, May 1.
Reaction product of a novolak resin and an amino diphenyl-formaldehyde compound. A. P. Mazzucchelli and P. F. Urich. 2,557,922, June 26.
Reaction product of an acrylic acid resin and a resin containing hydroxyl groups. H. R. Dittmar and H. M. Cadot. 2,557,266, June 19.
Reaction product of phosphorus sulfide-polyolefin-oxygen containing organic compound and mineral oil compositions containing same. J. M. Musselman. 2,566,241, Aug. 28.
Reaction product of phthalic anhydride and a primary rosin amine. F. G. Hess. 2,571,716, Oct. 16.
Reaction products of (A) copolymers of maleic anhydride and monovinyl compounds and (B) chlorophenols or nitrophenols. R. B. Seymour. 2,577,041, Dec. 4.
Reaction products of a cyanuric triester and a polyhydric alcohol and preparing the same. E. L. Kropa. 2,557,667, June 19.
Reaction products of aminotriazines, aldehydes, nitroparaffins, and hydrogen. M. J. Scott and E. F. Jackson. 2,553,386, May 15.
Reaction products of bis-azolines and diels-alder adducts. S. P. Rowland. 2,547,497, Apr. 3.
Reaction products of esters of polyphosphoric acids and heavy metal oxides and making same. R. H. Hurt. 2,544,858, Mar. 13.
Reaction products of 4-vinylcyclohexene dioxide. G. H. Segall and O. C. W. Allenby. 2,541,670, Feb. 13.
Reaction products of N-acylated polyalkylene-polyamines with alkenyl succinic acid anhydrides. R. V. White, H. D. Norris, and P. S. Landis. 2,568,876, Sept. 25.
Reaction products of nitriles. E. Zerner and M. W. Pollock. 2,559,835, July 10.
Reaction products of olefin oxides and P_2O_5 or P_2S_5, and forming the same. W. H. Woodstock. 2,568,784, Sept. 25.
Reaction products of petroleum hydrocarbon-insoluble pine-wood resin and ethylene oxide. A. L. Rummelsburg. 2,555,901, June 5.

Reaction propulsion aircraft power plant having independently rotating compressor and turbine blading stages. N. C. Price. 2,575,682, Nov. 20.
Reactions involving the use of hydrogen halides. J. D. Upham. 2,570,407, Oct. 9.
Reactivating a silica-alumina catalyst by impregnation with boria. B. R. Warner and W. A. Pardee. 2,579,133, Dec. 18.
Reactivating catalysts. A. H. Friedman. 2,540,109, Feb. 6.
Reactivation of catalysts containing iron. H. G. Vesterdal. 2,541,680, Feb. 13.
Reactivation of silica-alumina catalysts by silica addition. W. A. Pardee. 2,579,123, Dec. 18.
Reactor control for machine tool motors, Saturable. J. E. Dinger. 2,538,768, Jan. 23.
Reactor-controlled adjustable-speed drive. L. W. Herchenroeder. 2,558,086, June 26.
Reactor controlled adjustable speed drive. G. E. King. 2,558,094, June 26.
Reactor for homogenizing machines. J. Marco. 2,538,466, Jan. 16.
Reader for the blind. R. B. Nottingham. 2,549,632, Apr. 17.
Reader for translating digital data recorded on film into electric pulses suitable for input to a computer. A. W. Tyler and R. D. O'Neal. 2,575,034, Nov. 13.
Reading device for rotatable dividing tables, Optical scale. C. F. Dietrich and H. J. Smith. 2,566,875, Sept. 4.
Reading device, Numbers. H. de France. 2,552,156, May 8.
Reading device, Vernier. F. L. Button. 2,536,625, Jan. 2.
Reading pacer apparatus. H. S. Alexander. 2,568,577, Sept. 18.
Reading system, Theodolite scale. C. D. Hillman and A. L. Baker. 2,552,893, May 15.
Reading unit for small holes. C. D. Lake and W. Pfaff. 2,577,083, Dec. 4.
Readily locatable magnetic go-devil. J. M. Pearson. 2,558,977, July 3.
Readily removable way wiping means. H. H. Stechmann. 2,548,848, Apr. 10.
Reamer, Adjustable. W. J. Blazek. 2,543,224, Feb. 27.
Reamer attachment for hacksaws. E. E. Caster. 2,560,846, July 17.
Reamer, Bevel recessing. L. M. Clark. 2,544,444, Mar. 6.
Reamer for making dovetail holes, Expansible. M. S. Bencur. 2,559,184, July 3.
Reamer, Oil well. J. C. Jones. 2,548,724, Apr. 10.
Reamer segment and producing same. W. H. Evans. 2,537,818, Jan. 9.
Rear flap operator for convertible tops. J. B. Parsons. 2,564,446, Aug. 14.
Rearview mirror support. J. W. Anderson, Jr. 2,571,002, Oct. 9.
Rear-vision means for auto vehicles. J. H. Schroeder. 2,573,812, Nov. 6.
Rear wheel housing construction for automobile bodies. A. A. Limberg. 2,538,839, Jan. 23.
Rearrangement of oil and gas deposits in sealed domes and like natural formations. R. H. Ramsey. 2,548,059, Apr. 10.
Rearrangement of terpenyl aryl ethers. L. J. Kitchen. 2,537,647, Jan. 9.
Reattachable gasoline hose coupling. W. Brubaker. 2.541,200, Feb. 13.
Recapping and retreading mold. H. L. Baker and R. D. Van Tassell. 2,567,985, Sept. 18.
Receipt issuing night depository. J. N. Binns, T. E. Dugle, and A. F. Alt. 2,572,003, Oct. 23.
Receiver. E. Labin. 2,549,825, Apr. 24.
Receiver and bolt mechanism for firearms. J. C. Garand. 2,567,198, Sept. 11.
Receiver attachment for instantaneous direction finders. S. Stiber. 2,578,758, Dec. 18.
Receiver circuit. D. D. Grieg. 2,543,015, Feb. 27.
Receiver employing triode converters, Superheterodyne. J. L. Taylor, Jr. 2,548,132, Apr. 10.
Receiver for hearing aids. F. S. Nelson. 2,549,629, Apr. 17.
Receiver for modulated radio frequency pulses. H. Rinia. 2,552,496, May 8.
Receiver for teleprinters. C. Segaar. 2,562,825, July 31.
Receiver for time modulated electric pulses. A. V. Lord and J. E. Cope. 2,563,256, Aug. 7.
Receiver gain control. R. Crane, Jr. 2,540,935, Feb. 6.
Receiver gain control for automatically compensating for variations in transmitter output energy. E. Frank and D. S. Pensyl. 2,536,051, Jan. 2.
Receiver, Panoramic. G. E. M. Perroux. 2,553,602, May 22.
Receiver, Superregenerative. K. H. Emerson. 2,536,801, Jan. 2.
Receiver transmitter arrangement. R. Seale and E. J. Pekol. 2,561,421, July 24.
Receiver with electromagnetic vibrator, Bone conducting. S. N. Reger. 2,548,062, Apr. 10.
Receiver with revertive signaling, Coded-signal. A. Ellett and M. M. Hubbard. 2,545,770, Mar. 20.
Receiving and return mechanism for spoolless shuttles in looms for weaving. E. Pfarrwaller. 2,538,798, Jan. 23.
Receiving apparatus for radio signals. R. L. Pease. 2,544,102, Mar. 6.
Receiving device for remote-control installations. H. Tobler. 2,568,836, Sept. 25.
Receiving device for teleprinters. R. M. M. Oberman. 2,551,693, May 8.
Receiving device for the transmission of pictures. L. R. Bourgonjon, A. Horowitz, D. Kleis, F. C. W. Slooff, M. van Tol, and J. M. Unk. 2,570,313, Oct. 9.
Receiving system. L. F. Jaggi and A. D. Shearer. 2,572,033, Oct. 23.
Receiving system for electric waves. T. L. Gottier. 2,544,311, Mar. 6.
Receptacle: *See*—

Ash receptacle.
Automatically lighted ash receptacle.
Beverage dispensing receptacle.
Carrying receptacle.
Coin and transfer receptacle.
Coin receptacle.
Collapsible receptacle.
Colostomy receptacle.
Deposit, collection, and dispensing receptacle.
Dust receptacle.
Elastomer coin receptacle.
Electric spade terminal receptacle.
Electrical receptacle.
Fastener receptacle.
Flexible mobile receptacle.
Floating fastener receptacle.
Fountain receptacle.
Garbage receptacle.
Gasproof receptacle.
Hair wave solution receptacle.
Hand-carried receptacle.
Heat exchange receptacle.
Lunch receptacle.
Mixing receptacle.
Paper receptacle.
Portable receptacle.
Radio tube receptacle.
Refractory lined receptacle.
Safety electrical receptacle.
Safety receptacle.
Sanitary receptacle.
Stacking receptacle.
Wall receptacle.

Receptacle. E. Anderson. 2,574,683, Nov. 13.
Receptacle. J. A. Cupler, II. 2,573,311, Oct. 30.
Receptacle. A. J. Fabis. 2,571,226, Oct. 16.
Receptacle. H. J. Fey. 2,568,725, Sept. 25.
Receptacle. C. F. Fitzgerald. 2,549,965, Apr. 24.
Receptacle. A. M. Lewyt. 2,541,525, Feb. 13.
Receptacle. A. F. Reilly. 2,554,421, May 22.
Receptacle. L. M. Winebrenner. 2,540,069, Jan. 30.
Receptacle. F. C. Ziegler. 2,561,835, July 24.
Receptacle and advertising display, Combined. R. D. French. 2,543,008, Feb. 27.
Receptacle and bin, Combination. C. G. States. 2,540,698, Feb. 6.
Receptacle and closure therefor for aircraft refueling apparatus. G. J. Harman. 2,546,892, Mar. 27.
Receptacle and cover therefor. J. H. Devine and W. T. Halvorsen. 2,564,834, Aug. 21.
Receptacle and fuse, Combination electric. P. P. Procopio. 2,563,066, Aug. 7.
Receptacle and handle therefor, Portable. G. E. Radcliffe. 2,540,756, Feb. 6.
Receptacle and holder, Combination. S. L. Cerniglia. 2,545,135, Mar. 13.
Receptacle attachment for rural mailboxes, Newspaper. R. L. Kelly. 2,567,487, Sept. 11.
Receptacle closure. C. E. Brownell. 2,563,456, Aug. 7.
Receptacle closure. A. L. Langel. 2,559,361, July 3.
Receptacle construction. M. T. Dick. 2,567,166, Sept. 11.
Receptacle for analysis, Sperm. H. W. Warner. 2,569,702, Oct. 2.
Receptacle for automobile trunk compartments. R. A. Katz. 2,541,702, Feb. 13.
Receptacle for automotive vehicles, Ash. H. W. Holmes. 2,556,370, June 12.
Receptacle for coins, Dispensing. J. A. Goodhue. 2,567,332, Sept. 11.
Receptacle for dogs and cats, Feed. E. P. Cosner. 2,555,396, June 5.
Receptacle for feeding liquid food to humming birds. W. G. Thomas. 2,570,733, Oct. 9.
Receptacle for injection syringes. E. A. Ericsson and S. C. Johansson. 2,558,742, July 3.
Receptacle for remote control of loads, Electrical plug. J. M. Harcharek. 2,565,075, Aug. 21.
Receptacle for smoking tobaccos, Humidified. J. J. and R. R. Hasbrook. 2,559,297, July 3.
Receptacle for straddling conventional hand luggage, Multicompartment. M. E. Hiatt. 2,574,786, Nov. 13.
Receptacle for urine, Collecting. W. F. McGraw. 2,544,341, Mar. 6.
Receptacle holder. H. E. Menser. 2,563,351, Aug. 7.
Receptacle holder. B. J. Murphy. 2,550,019, Apr. 24.
Receptacle holder. M. Pisano. 2,554,120, May 22.
Receptacle holder. K. Weigand. 2,541,390, Feb. 13.
Receptacle retaining device. N. B. Whitebread. 2,563,698, Aug. 7.
Receptacle tilting and unloading device. F. J. White and C. W. Scott. 2,578,116, Dec. 11.
Receptacle with elastic bag insert and system for filling and emptying the same. J. E. L. Leperre. 2,564,163, Aug. 14.
Receptacle with desiccant, Food. R. W. Luce. 2,548,168, Apr. 10.
Receptacle with inner article fastening means, Shipping. J. G. Dunneback. 2,546,922, Mar. 27.
Receptacle with safety closure, Electrical. C. T. Von Holtz. 2,545,536, Mar. 20.
Recessed light fixture with separate outlet box. P. A. Jones. 2,561,986, July 24.

Reciprocable check valve. J. H. Miller. 2,564,023, Aug. 14.
Reciprocable jaw cap wrench. J. Drazick. 2,565,212, Aug. 21.
Reciprocating carriage drive. J. M. Christman. 2,565,020, Aug. 21.
Reciprocating dies with pivoted and slidable end shaping dies. C. R. Housdorfer and E. G. Miller. 2,536,643, Jan. 2.
Reciprocating drive. C. Stoeckig. 2,537,195, Jan. 9.
Reciprocating feed device. F. Martindell. 2,537,360, Jan. 9.
Reciprocating fuel feeder. F. D. Howe. 2,562,614, July 31.
Reciprocating liquid fuel burner. W. B. B. Asscher. 2,540,416, Feb. 6.
Reciprocating mechanism for intaglio printing machines, Doctor blade. W. F. Huck and F. Heller. 2,548,217, Apr. 10.
Reciprocating mop head cleaner. E. Autry. 2,561,965, July 24.
Reciprocating piston and cylinder mechanism. P. K. Rice. 2,575,394, Nov. 20.
Reciprocating piston-type valve. D. A. Brown. 2,542,390, Feb. 20.
Reciprocating pneumatic motor. E. G. Hjärpe. 2,568,450, Sept. 18.
Reciprocating printing press beds. F. Spence. 2,538,922, Jan. 23.
Reciprocating pusher conveyer. G. A. Lee. 2,567,488, Sept. 11.
Reciprocating-saw machine, Pile cutting. A. Charlebois. 2,566,297, Sept. 4.
Reciprocating sheet feeding device. O. K. Peckham. 2,561,223, July 17.
Reciprocating strip feeding mechanism. E. Laxo. 2,577,084, Dec. 4.
Reciprocating trap chamber dispensing container. F. J. Holsted. 2,558,251, June 26.
Reciprocating yarn carrier. R. E. Schletter. 2,570,387, Oct. 9.
Reciprocatory closure for bottles or tubes. F. E. Seufer. 2,555,459, June 5.
Reciprocatory driving mechanism. G. Deakin. 2,542,997, Feb. 27.
Reclaiming fiber-reinforced rubber. R. K. Carr and E. B. Busenburg. 2,567,802, Sept. 11.
Reclaiming machine. B. F. Patrick. 2,553,936, May 22.
Reclaiming rubber with phenol sulfoxides. W. S. Cook. 2,560,050, July 10.
Reclaiming rubbers with reaction product of polyalkylcyclohexanol and sulfur chloride. W. S. Cook. 2,560,048, July 10.
Reclaiming sand. W. Horth. 2,553,318, May 15.
Reclaiming scrap of synthetic and natural rubbers. R. L. Randall. 2,545,828, Mar. 20.
Reclamation of rubber in the presence of α,α-dialkylarylmethyl hydroperoxide. J. R. Lewis. 2,558,764, July 3.
Reclining article of furniture. A. Lorenz. 2,567,222, Sept. 11.
Reclining chair. G. B. Chesley. 2,558,171, June 26.
Reclining chair. H. P. Fruehauf. 2,539,067, Jan. 23.
Reclining chair. C. A. Hughes. 2,540,947, Feb. 6.
Reclining chair. J. G. Rideout. 2,541,938, Feb. 13.
Reclining chair. B. Vale. 2,573,073, Oct. 30.
Reclining lounge chair. R. B. Trouslot, Jr. 2,567,626, Sept. 11.
Reclosing mechanism for circuit breakers. R. A. Phillips. 2,570,153, Oct. 2.
Recoil check for firearms, Muzzle. J. E. Prache. 2,567,826, Sept. 11.
Reconditioning crankshafts and the like. C. J. Allen, Jr. 2,567,685, Sept. 11.
Reconditioning of phonographic records. F. G. Kelly. 2,559,539, July 3.
Reconditioning paper surfaces. J. Vlad and J. R. Fisher, Jr. 2,576,320, Nov. 27.
Reconditioning phonographic records, Method of and apparatus for. R. M. Somers. 2,578,457, Dec. 11.
Record album. F. Adam. 2,566,300, Sept. 4.
Record analyzing means with removable brush holder, Perforated. E. A. Ford. 2,543,906, Mar. 6.
Record bearing medium and preparation. E. W. C. Russell. 2,547,838, Apr. 3.
Record cabinet. C. W. Burns. 2,570,046, Oct. 2.
Record cabinet. C. D. Hyatt. 2,550,251, Apr. 24.
Record cabinet. R. A. Lien. 2,564,336, Aug. 14.
Record card for statistical machines. J. H. Rand, 2,557,797, June 19.
Record cards with conductive marks, Preparing. W. H. Wolowitz. 2,557,022, June 12.
Record changer. A. W. Albrecht, E. J. Mastney, and A. C. Ten Cate. 2,558,474, June 26.
Record changer. K. C. Bugg. 2,568,716, Sept. 25.
Record changer. G. A. Exley. 2,542,759, Feb. 20.
Record changer. W. J. Faulkner. 2,536,432, Jan. 2.
Record changer. W. J. Faulkner. 2,578,792, Dec. 18.
Record changer. S. A. Stolberg. 2,564,455, Aug. 14.
Record changer, Automatic. T. S. Jones. 2,541,072, Feb. 13.
Record changer, Automatic. A. V. Lapish. 2,539,441, Jan. 30.
Record changer, Automatic. A. V. Lapish. 2,576,125, Nov. 27.
Record changer, Automatic. I. D. Wallach and G. Clark. 2,572,684, Oct. 23.
Record changer, Phonograph. C. B. Dale. 2,577,648, Dec. 4.
Record changer, Phonograph. S. A. Hall. 2,537,752, Jan. 9.
Record changer, Phonograph. A. W. Leline. 2,536,453, Jan. 2.
Record-changing device for talking machines. L. Thévenaz. 2,574,071, Nov. 6.
Record changing means. K. Emde and R. A. Mullaney. 2,555,478, June 5.
Record changing mechanism. K. Emde. 2,561,792, July 24.
Record comparing mechanism. G. P. Wilson. 2,555,774, June 5.
Record controlled accumulating mechanism. R. B. Johnson. 2,558,961, July 3.
Record controlled alphabetic printing machine. R. H. Sampson. 2,577,092, Dec. 4.
Record controlled machine. B. M. Durfee. 2,558,941, July 3.
Record controlled register actuating mechanism. W. Henninger and H. J. Hollsberg. 2,558,953, July 3.
Record cutting mechanism, Phonograph. A. B. Rudenauer. 2,549,390, Apr. 17.
Record decoding, tabulation, and analysis. F. H. Owens. 2,564,920, Aug. 21.
Record device and divider therefor, Visible. M. B. Hall. 2,550,117, Apr. 24.
Record duplicate. P. W. Brown. 2,557,255, June 19.
Record feeding and recording apparatus. R. J. Whalen and S. T. Kulpa. 2,569,840, Oct. 2.
Record feeding device. F. M. Carrol and A. F. Smith. 2,566,927, Sept. 4.
Record feeding device, Dual. J. E. Dayger, O. B. Shafer, and A. N. Miller. 2,555,732, June 5.
Record forming, translating and printing apparatus, and automatic control mechanisms therefor. A. H. Buckley. 2,543,435, Feb. 27.
Record guide mechanism. O. C. Booher and J. M. Baxter. 2,572,004, Oct. 23.
Record holder. A. R. Plack. 2,563,957, Aug. 14.
Record machine synchronizer. W. F. Marnell. 2,562,470, July 31.
Record, Magnetic. D. W. R. Goddard. 2,550,803, May 1.
Record material and making it, Manifold. B. K. Green and R. W. Sandberg. 2,550,466–9, Apr. 24.
Record material, Pressure sensitive. B. K. Green and R. W. Sandberg. 2,550,470–3, Apr. 24.
Record mechanism. E. L. Barrett. 2,551,198, May 1.
Record member, Magnetic. M. Camras. 2,536,029, Jan. 2.
Record molding composition. G. F. Metz. 2,563,792, Aug. 7.
Record package, Phonograph disk. V. S. Markovitz. 2,555,594, June 5.
Record pad, Separable manifold. B. Weinstein. 2,558,405, June 26.
Record perforating machine. G. F. Daly, G. V. A. Malmros, and D. W. Haney. 2,547,445, Apr. 3.
Record, Phonograph. E. P. Di Giannantonio. 2,544,010 Mar. 6.
Record player. W. O. Gee, Jr. 2,556,421, June 12.
Record player. P. F. Wilber. 2,555,910, June 5.
Record player assembly. A. Tateishi. 2,569,587, Oct. 2.
Record player control, Phonograph. J. E. Vistain. 2,536,477, Jan. 2.
Record player, Selective. L. J. Andres. 2,546,845, Mar. 27.
Record playing adapter. R. A. Mullaney. 2,554,919, May 29.
Record-playing adapter. R. A. Mullaney. 2,563,546, Aug. 7.
Record playing and selecting mechanism, Check controlled phonograph. G. F. Starnes. 2,545,117, Mar. 13.
Record selecting and ejecting device. P. E. Williams. 2,539,647, Jan. 30.
Record sensing device. H. H. Keen. 2,566,942, Sept. 4.
Record sheet holder. H. E. Foster and F. W. H. Lacey. 2,567,279, Sept. 11.
Record sorting device. F. M. Carroll and A. F. Smith. 2,569,799, Oct. 2.
Record speed adapter for phonographs. A. H. Thompson. 2,562,245, July 31.
Record strip magazine and mounting. F. H. M. Hart. 2,546,124, Mar. 20.
Record, Test phonograph. L. W. Dixon. 2,549,066, Apr. 17.
Recorder and reproducer, Magnetic. H. Hansen. 2,546,821, Mar. 27.
Recorder and reproducer, Magnetic. R. F. Mallina. 2,546,829, Mar. 27.
Recorder and reproducer, Phonograph. C. W. Dann and R. M. Somers. 2,545,652, Mar. 20.
Recorder and wire handling means therefor, Magnetic. J. S. Kemp. 2,548,981, Apr. 17.
Recorder apparatus, Spark. T. A. Rich. 2,560,247, July 10.
Recorder, Audience reaction. B. D. Cirlin. 2,547,074, Apr. 3.
Recorder, Binaural magnetic. M. Camras. 2,561,338, July 24.
Recorder chart for oil or gas well recording instruments. W. M. Kelly. 2,563,119, Aug. 7.

Recorder checking device. A. E. Hague. 2,547,525, Apr. 3.
Recorder, Consecutive ratio. G. L. Broomell, Jr. 2,577,735, Dec. 11.
Recorder construction, Facsimile. J. V. L. Hogan. 2,575,959, Nov. 20.
Recorder, Core recovery. B. W. Sewell. 2,537,162, Jan. 9.
Recorder, Drilling rate. R. R. Crookston and J. S. Waters. 2,565,951, Aug. 28.
Recorder drive mechanism. C. E. Walton. 2,572,546, Oct. 23.
Recorder, Elapsed time. W. M. Tener. 2,543,946, Mar. 6.
Recorder, Electrical. L. Hillman. 2,561,372, July 24.
Recorder, Electrical surge. J. H. Waghorne. 2,537,384, Jan. 9.
Recorder, Engine power analyzer. J. E. Lindberg, Jr. 2,570,252, Oct. 9.
Recorder, Facsimile. M. Alden. 2,540,081, Feb. 6.
Recorder failure indicator. W. P. Albert and H. W. Goff. 2,554,549, May 29.
Recorder for collections. H. N. Bliss and H. B. Vroom. 2,572,241, Oct. 23.
Recorder for examination questions, Answer. G. W. Angell and M. E. Troyer. 2,551,083, May 1.
Recorder, Impact. C. E. Holmberg and T. Mungall, Sr. 2,578,803. Dec. 18.
Recorder, Keyboard operated magnetic. L. M. Potts. 2,560,474, July 10.
Recorder, Magnetic. W. Y. Lang. 2,561,476, July 24.
Recorder, Magnetic. R. F. Mallina. 2,554,582, May 29.
Recorder, Magnetic tape. H. W. Lindsay. 2,563,850, Aug. 14.
Recorder, Mass spectrometer. J. A. Hipple, Jr., and D. J. Grove. 2,575,711, Nov. 20.
Recorder, Multiple pressure. P. J. Campbell. 2,551,526, May 1.
Recorder, Multipoint. I. M. Stein, A. J. Williams, Jr., and W. R. Clark. 2,549,401, Apr. 17.
Recorder, Rectilinear pen. A. B. Hildebrandt. 2,537,137, Jan. 9.
Recorder, Register controlled time. T. J. Watson and A. L. Sprecker. 2,540,038, Jan. 30.
Recorder-reproducer, Magnetic tape. W. J. Haloski. 2,558,432, June 26.
Recorder, Sound. G. P. Brubaker. 2,576,250, Nov. 27.
Recorder, Spot detector. W. D. Cockrell. 2,547,623, Apr. 3.
Recorder, Standing wave. R. J. Bergemann, Jr. 2,579,464, Dec. 25.
Recorder, Stress-strain. H. D. Comins. 2,555,633, June 5.
Recorder, Time. P. Fehr. 2,553,644, May 22.
Recorder, Track. E A. Crawford. 2,570,648, Oct. 9.
Recorder utilizing an endless record web, Magnetic. J. C. Gibson. 2,542,506, Feb. 20.
Recorder, Vibration. J. Y. Dunbar and D. L. Herr. 2,540,105, Feb. 6.
Recorder, Wire. C. B. Dale. 2,537,260, Jan. 9.
Recorder with automatic time delay between reversals of record transport system. T. E. Lynch. 2,574,218, Nov. 6.
Recorder, Workman's time. P. Fehr. 2,566,125, Aug. 28.
Recording and computing machine of the record controlled type, Combined typewriter. A. W. Mills, F. J. Furman, and H. L. Read. 2,566,952, Sept. 4.
Recording and indicating system. B. B. Gauld. 2,576,395, Nov. 27.
Recording and playing piano music. C. Worch. 2,555,071, May 29.
Recording and reproducing apparatus, Magnetic wire sound. D. C. Hollenbeck. 2,553,256, May 15.
Recording and reproducing apparatus, Multiple sound. A. F. von Soden. 2,575,570, Nov. 20.
Recording and reproducing apparatus, Sound. C. M. Gunn. 2,568,000, Sept. 18.
Recording and reproducing apparatus, Sound. F. G. Hehr. 2,547,464, Apr. 3.
Recording and reproducing apparatus, Sound. A. A. Shoup, R. A. Bierwirth, and E. L. Olson. 2,540,299, Feb. 6.
Recording and reproducing device, Magazine type magnetic. M. Camras. 2,572,596, Oct. 23.
Recording and reproducing machine, Sound. G. A. Harrington. 2,538,452, Jan. 16.
Recording and reproducing, Magnetic. A. L. W. Williams and S. J. Begun. 2,554,354, May 22.
Recording and reproducing sound head, Electromagnetic. D. J. Baker. 2,547,360, Apr. 3.
Recording and reproducing system, Magnetic. W. S. Bachman. 2,553,290, May 15.
Recording and reproducing tone arm attachment. V. Morales. 2,567,852, Sept. 11.
Recording and rerecording apparatus, Phonographic. L. Thompson. 2,563,565, Aug. 7.
Recording and transmitting system, Magnetic. L. M. Potts. 2,550,427, Apr. 24.
Recording apparatus, Automatic. H. Isbenjian. 2,557,031, June 12.
Recording apparatus, Facsimile. P. R. Marzan. 2,546,466, Mar. 27.
Recording apparatus for high-speed photography. H. H. Hall. 2,551,597, May 8.
Recording apparatus for radar systems. D. W. Epstein. 2,549,072, Apr. 17.
Recording apparatus, Magazine type. I. Jepson. 2,557,437, June 19.
Recording apparatus, Magnetic. E. L. Barrett. 2,543,483, Feb. 27.
Recording apparatus, Photographic. G. T. Baker. 2,544,440, Mar. 6.
Recording apparatus, Record controlled. E. J. Rabenda and F. J. Furman. 2,543,935, Mar. 6.
Recording apparatus, Selectively controlled. F. E. Hamilton, M. F. Hayes, and J. D. Wolfe. 2,540,029–30, Jan. 30.
Recording apparatus, Spark. P. Salmon-Legagneur and G. Mauny. 2,551,466, May 1.
Recording apparatus, Time and production. W. Leathers. 2,540,033, Jan. 30.
Recording apparatus, Time-clock. A. J. Findlay. 2,551,933, May 8.
Recording blank, Electroresponsive. H. R. Dalton. 2,554,017, May 22.
Recording device, Chronometric. G. L. Laurent. 2,555,198, May 29.
Recording device for ships' telegraphs. J. Lammers. 2,541,426, Feb. 13.
Recording device, Pipe flow. C. W. Paulsen. 2,557,007, June 12.
Recording device, Telephone message. N. E. W. Carter. 2,558,040, June 26.
Recording, Facsimile wet electrolytic. F. G. Calkin. 2,570,096, Oct. 2.
Recording head assembly. H. W. Lindsay. 2,551,845, May 8.
Recording in reflection seismography, Shot pulse. P. S. Williams. 2,557,714, June 19.
Recording machine, Remote controlled. R. Kobler. 2,547,216, Apr. 3.
Recording medium, Magnetic sound. G. H. Howe. 2,549,468–9, Apr. 17.
Recording-reproducing apparatus, Disk type magnetic. F. E. d'Humy and R. J. Wise. 2,537,657, Jan. 9.
Recording roll message device. P. Bozoky. 2,573,303, Oct. 30.
Recording system. A. J. Busch and E. Vroom. 2,550,909, May 1.
Recording system. R. F. Mallina. 2,554,835, May 29.
Recording system. S. R. Rich. 2,539,553, Jan. 30.
Recording system, Biased film sound. C. R. Keith. 2,554,147, May 22.
Recording system, Electrical field intensity. A. D. Ehrenfried. 2,542,490, Feb. 20.
Recording system for metallic bodies, Magnetic testing. M. V. Long. 2,540,589, Feb. 6.
Recording system, Magnetic. M. J. Stolaroff. 2,563,882, Aug. 14.
Recording system, Position. E. M. Deloraine. 2,561,345, July 24.
Recording system, Seismic. M. D. McCarty. 2,558,868, July 3.
Recovering aldehydes and ketones. V. F. Michael. 2,544,562, Mar. 6.
Recovering alumina from alumina-bearing ores. R. C. Haff. 2,551,944, May 8.
Recovering an isobutylene copolymer. A. D. Green. 2,537,130, Jan. 9.
Recovering catalyst in oil vapors. M. W. Boyer. 2,541,635, Feb. 13.
Recovering cellulose ester film scrap. H. I. Davis. 2,571,686, Oct. 16.
Recovering chemicals from liquor produced by pulping of cellulosic materials. H. N. Simpson. 2,542,060, Feb. 20.
Recovering crystalline, cyanoacetic acid. A. C. Flisik and L. Nicholl. 2,574,256, Nov. 6.
Recovering from pyrite the valuable constituents thereof. C. W. Clark. 2,549,367, Apr. 17.
Recovering hydrogen fluoride. K. H. Hachmuth. 2,551,881, May 8.
Recovering hydrogen fluoride in an alkylation process. J. G. Allen. 2,574,006, Nov. 6.
Recovering lithium values from dilithium sodium phosphate. L. J. Minnick and C. R. Brown. 2,548,037, Apr. 10.
Recovering of pyridine from acid salt solutions which contain pyridine. T. J. J. Hoek. 2,564,433, Aug. 14.
Recovering barite from its native materials. W. C. Wolf. 2,546,247, Mar. 27.
Recovering parthenyl cinnamate and essential oils from guayule resin. J. W. Meeks, T. F. Banigan, Jr., and R. W. Planck. 2,572,046. Oct. 23.
Recovering proteolytic enzymes from mammalian pancreas glands with urea. S. E. Frederiksen. 2,573,099, Oct. 30.
Recovering sodium bicarbonate and sodium borate from a complex brine. L. A. Blackmun. 2,540,648, Feb. 6.
Recovering solids from gases. W. F. Rollman. 2,550,722, May 1.
Recovering sterols from mixtures thereof. J. Overhoff and J. T. Hackmann. 2,568,202, Sept. 18.
Recovering sulfonates. R. C. Jones and A. W. Clark. 2,559,439, July 3.
Recovering sulfur dioxide in liquid form. V. H. Somer. 2,564,452, Aug. 14.
Recovering terpene polymer and copolymer resins. S. G. Burroughs. 2,555,221, May 29.

Recovering terpene polymers from solution. E. W. Suhanin, 2,555,255, May 29.
Recovering tin from tin-bearing materials. I. E. Muskat and R. H. Taylor. 2,570,473, Oct. 9.
Recovering waste cooking oils. W. L. McColm. 2,558,869, July 3.
Recovering wax from sugar cane. V. Merz. 2,577,587, Dec. 4.
Recovery and purification of durene. A. J. Shmidl. 2,560,373, July 10.
Recovery and purification of naphthenic acids. J. G. Dunlap. 2,537,576, Jan. 9.
Recovery and purification of sterols. H. W. Knol. 2,536,753, Jan. 2.
Recovery of acid values from sulfuric acid sludges. F. W. Breth. 2,571,107, Oct. 16.
Recovery of aconitic acid from aconitate salt. R. N. Evans. 2,572,018, Oct. 23.
Recovery of actinomyces griseus elaboration products. E. M. Richardson and G. A. Grant. 2,550,939, May 1.
Recovery of adenylic acid. L. Laufer and E. D. Stewart. 2,550,432, Apr. 24.
Recovery of alumina from alumina-containing ores. C. L. Mooney. 2,559,653, July 10.
Recovery of ammonia from butadiene-ammonia mixture. S. W. Wilson. 2,549,555, Apr. 17.
Recovery of ammonium chloride from solution in liquid ammonia. S. C. Stowe and E. K. Morris. 2,514,724, Feb. 13.
Recovery of an alkaline earth metal in admixture with an alkali metal. E. F. Hill. 2,543,406, Feb. 27.
Recovery of bacitracin from fermentation broths. P. P. Regna and I. A. Solomons, III. 2,556,375, June 12.
Recovery of benzene hexachloride. C. M. Neher and S. N. Hall. 2,564,406, Aug. 14.
Recovery of bromine from hydrogen bromide. M. Mugdan. 2,536,457, Jan. 2.
Recovery of butadiene from cyclohexane pyrolate. H. A. Gollmar. 2, 575,341, Nov. 20.
Recovery of calcium in admixture with sodium. G. Calingaert. 2,543,399, Feb. 27.
Recovery of calcium in admixture with sodium. E. F. Hill and H. Soroos. 2,543,407, Feb. 27.
Recovery of carbazole. P. H. de Bruijn. 2,575,314, Nov. 13.
Recovery of carbon monoxide and hydrogen from high nitrogen content gas. P. T. Sowden, Jr. 2,564,236, Aug. 14.
Recovery of carnotite from its ores. R. W. Handley and C. W. Sawyer. 2,570,119, Oct. 2.
Recovery of carotene concentrate. J. W. White, Jr., J. Naghski, and L. Weil. 2,543,083, Feb. 27.
Recovery of chlorine. J. A. Neubauer and T. W. Heiskell. 2,540,905, Feb. 6.
Recovery of copper from its ores and minerals. P. J. McGauley and E. S. Roberts 2,568,963, Sept. 25.
Recovery of dicyanodialkyl amines. E. C. Medcalf and W. E. Sisco. 2,568,160, Sept. 18.
Recovery of dicyanodialkyl ethers and sulfides used as solvents in an aromatic hydrocarbon extraction process. E. C. Medcalf and W. E. Sisco. 2,568,159, Sept. 18.
Recovery of dinitrile solvents. G. N. Vriens, W. E. Sisco, and E. C. Medcalf. 2,568,176, Sept. 18.
Recovery of fatty acids from dilute aqueous solutions. R. W. Dornte. 2,537,658, Jan. 9.
Recovery of glycerine. A. E. Craver. 2,571,210, Oct. 16.
Recovery of gold or silver. F. W. McQuiston, Jr. 2,545,239, Mar. 13.
Recovery of hydrocarbon oil from shale. W. I. Thompson. 2,549,827, Apr. 24.
Recovery of hydrocarbons from gaseous streams. W. G. Scharmann. 2,577,634, Dec. 4.
Recovery of hydrochloric acid. J. W. Sprauer and N. D. Peschko. 2,558,011, June 26.
Recovery of light elemental gases. S. W. Weller. 2,540,152, Feb. 6.
Recovery of lubricating oil from solvent extracts. W. C. Jones, Jr. 2,560,448, July 10.
Recovery of magnesium, Continuous process for. F. J. Hansgirg. 2,570,232, Oct. 9.
Recovery of magnesium from siliceous magnesium minerals. K. B. Bengtson. 2,567,419, Sept. 11.
Recovery of manganese from compound silicate material. R. A. Schoenlaub. 2,539,485, Jan. 30.
Recovery of medicinal creosote. L. T. Sandborn. 2,573,990, Nov. 6.
Recovery of metallic oxides such as zirconia. R. A. Schoenlaub. 2,578,748, Dec. 18.
Recovery of nickel from nickel silicate ore. L. J. Lichty. 2,573,153, Oct. 30.
Recovery of nitrogen bases. C. H. O. Berg. 2,541,458, Feb. 13.
Recovery of nitrogen oxide. R. S. Egly. 2,543,446, Feb. 27.
Recovery of olefin hydrocarbons. G. C. Ray and E. O. Box, Jr. 2,557,923, June 26.
Recovery of organic acids from dilute aqueous solution. C. C. Hale. 2,537,133, Jan. 9.
Recovery of organic acids with an amine solvent. E. F. Smith and V. Voorhees. 2,568,095, Sept. 18.
Recovery of organic compounds from aqueous carbon oxide hydrogenation products. J. S. Cromeans. 2,555,185, May 29.
Recovery of oxygenated compounds. A. F. MacLean. 2,545,889, Mar. 20.
Recovery of oxygenated compounds and hydrocarbons from mixtures thereof. R. F. Marschner. Re. 23,433, Nov. 27.
Recovery of oxygenated compounds from hydrocarbon oils. C. E. Morrell and J. H. McAteer. 2,569,384–5, Sept. 25.
Recovery of penicillin from fermentation broth. R. K. Finn. 2,563,779, Aug. 7.
Recovery of phenol from dilute aqueous solutions. M. J. P. Bogart and A. S. Brunjes. 2,573,244, Oct. 30.
Recovery of phthalic and maleic acid. A. B. Welty, Jr. 2,540,559, Feb. 6.
Recovery of pitchblende and similar uranium minerals from ores of same by special flotation practice. R. W. Handley and C. W. Sawyer. 2,570,120, Oct. 2.
Recovery of polycarboxylic acid anhydrides. R. Landau. 2,574,644, Nov. 13.
Recovery of polymyxin from fermentation broths. P. P. Regna and I. A. Solomons, III. 2,556,376, June 12.
Recovery of pressure fluid in heat exchangers. S. Holm. 2,540,733, Feb. 6.
Recovery of procaine. J. T. McCombie, P. F. E. Mann, and A. M. Wild. 2,573,586, Oct. 30.
Recovery of proteins from plant leaves and stems. J. Naghski, J. W. White, Jr., and S. R. Hoover. 2,543,049, Feb. 27.
Recovery of pure hydrocarbons by extractive distillation. J. Griswold. 2,537,459, Jan. 9.
Recovery of riboflavin. J. C. Keresztesy and E. L. Rickes. 2,571,896, Oct. 16.
Recovery of soluble substances from filter-press cakes. S. A. Morell and J. Shovers. 2,561,812, July 24.
Recovery of sterols. R. M. Christenson. 2,573,891, Nov. 6.
Recovery of streptomycin. P. P. Regna and I. A. Solomons. 2,537,941, Jan. 9.
Recovery of streptomycin from fermentation broths. P. P. Regna and I. A. Solomons, III. 2,538,847, Jan. 23.
Recovery of streptomycin from naphthol blue-black salt. P. P. Regna and I. A. Solomons, III. 2,555,761, June 5.
Recovery of streptomycin from naphthol blue-black salt. P. P. Regna and I. A. Solomons, III. 2,560,890, July 17.
Recovery of streptomycin from naphthol blue-black salt. P. P. Regna, I. A. Solomons, III, and R. Pasternack. 2,555,763, June 5.
Recovery of streptomycin from orange II salt. P. P. Regna and I. A. Solomons, III. 2,555,760, June 5.
Recovery of streptomycin from orange II salt. P. P. Regna and I. A. Solomons, III. 2,560,889, July 17.
Recovery of streptomycin from orange II salt. P. P. Regna, I. A. Solomons, III, and R. Pasternack. 2,555,762, June 5.
Recovery of sulfur from native sulfur-bearing ores. P. J. McGauley, E. S. Roberts, and S. Strelzoff. 2,537,842, Jan. 9.
Recovery of tar acids from coal oils or tars. D. Horne, R. P. Marshall, and H. F. Bondy. 2,550,814, May 1.
Recovery of unsaturated oil from used HF catalyst. J. P. O'Neil. 2,577,799, Dec. 11.
Recovery of vanadium values from an alkali metal vanadate solution. S. S. Cole and J. S. Breitenstein. 2,576,445, Nov. 27.
Recovery of vanadium values from waste liquors. F. L. Kingsbury and F. J. Schultz. 2,576,462, Nov. 27.
Recovery of vegetable protein. S. Rowe. 2,549,526, Apr. 17.
Recovery process, Aromatic. H. J. Hepp. 2,566,613, Sept. 4.
Rectangular and saw-tooth impulse generator. A. A. Varela. 2,579,525, Dec. 25.
Rectification of methylchlorosilanes. A. E. Schubert and C. E. Reed. 2,563,557, Aug. 7.
Rectifier. W. E. Blackburn. 2,554,237, May 22.
Rectifier. W. F. Bonner. 2,537,961, Jan. 16.
Rectifier. I. Levin. 2,547,951, Apr. 10.
Rectifier. E. Mittelmann. 2,545,298, Mar. 13.
Rectifier, Alternating current. R. G. Sell and R. H. Cubitt. 2,545,863, Mar. 20.
Rectifier assembly. L. K. Hedding and R. H. Zetwo. 2,574,783, Nov. 13.
Rectifier elements, Producing. G. Tumulo. 2,543,678, Feb. 27.
Rectifier manufacturing process and product obtained thereby. A. von Hippel and M. C. Bloom. 2,568,780, Sept. 25
Rectifier plate. J. C. Burkholder. 2,549,888, Apr. 24.
Rectifier regulator. G. W. Fyler. 2,550,462, Apr. 24.
Rectifier roll. L. Hornbostel. 2,566,449, Sept. 4.
Rectifier roll, Papermaking machine. E. D. Beachler. 2,566,439, Sept. 4.
Rectifier, Salt bath. E. N. Case. 2,575,322, Nov. 20.
Rectifier, Saturable transformer regulated. W. J. Holt, Jr., and R. L. Jordan. 2,555,544, June 5.
Rectifier system. Q. A. Kerns. 2,579,235, Dec. 18.
Rectifier system control. H. J. Hall. 2,569,605, Oct. 2.
Rectifier system for energizing electrical precipitators. R. G. Streuber. 2,566,073, Aug. 28.
Rectifiers and rectifier material, Producing. G. K. Teal. 2,556,711, June 12.
Rectifiers, Electrical. V. K. Kofron. 2,575,388, Nov. 20.
Rectifying a neutral salt heat-treating bath. S. M. De Poy. 2,542,637, Feb. 20.

Rectifying apparatus. W. H. Bixby. 2,572,690, Oct. 23.
Rectifying system. M. A. Lissman. 2,539,786, Jan. 30.
Recfractable form structure. C. J. Ford. 2,579,423, Dec. 18.
Recuperator means for combustion furnaces. H. Escher. 2,538,446, Jan. 16.
Recuperator tile structure. F. H. Graham and E. G. Smith. 2,574,738, Nov. 13.
Red brass, capable of being hot-worked. W. E. McCullough. 2,577,426, Dec. 4.
Redirecting deflected boreholes. R. K. Whitehead and G. B. Weldon. 2,538,545, Jan. 16.
Redispersing and compounding rubber. A. Pollak and J. J. Keilen, Jr. 2,572,884, Oct. 30.
Reducing and hydrogenating chemical compounds by reacting with aluminum-containing hydrides. H. I. Schlesinger and A. E. Finholt. 2,576,311, Nov. 27.
Reducing corrosion and composition of reduced corrosiveness. E. D. Crittenden. 2,549,430, Apr. 17.
Reducing device for refrigerating apparatus, Pressure. H. M. Goldberg. 2,568,123, Sept. 18.
Reducing device, Oscillations. F. M. M. B. Salomon. 2,548,911, Apr. 17.
Reducing fire danger in hotels and the like. T. Harding. 2,564,971, Aug. 21.
Reducing fire hazard in small boats. H. J. Price. 2,573,599, Oct. 30.
Reducing fish or fish offal. C. R. Bradford. 2,536,345, Jan. 2.
Reducing foaming in protein-containing mixtures. J. S. Wallerstein and R. T. Alba. 2,572,823, Oct. 23.
Reducing machine, including spaced oppositely rotating rotors. F. J. Wright. 2,540,021, Jan. 30.
Reduced magnetite synthesis catalyst. Preparation of. H. G. McGrath and L. C. Rubin. 2,543,327, Feb. 27.
Reducing metallic oxide ores. E. B. Pratt. 2,555,507, June 5.
Reducing metallic oxides. J. C. Kalbach, V. S. de Marchi, and F. W. Sullivan, Jr. 2,538,201, Jan. 16.
Reducing nitroanilines. H. Von Bramer, J. E. Magoffin, and M. Clemens. 2,578,328, Dec. 11.
Reducing or eliminating undesired resonance effects in ultra high frequency apparatus. R. L. Meisenheimer. 2,562,239, July 31.
Reducing paper tubes in diameter. W. F. Stahl. 2,557,017, June 12.
Reducing refractory oxides. T. Lindsley and P. P. Alexander. 2,545,821, Mar. 20.
Reducing static electricity charges in nonelectroconductive styli. D. R. Andrews. 2,572,426, Oct. 23.
Reducing the amount of dross floating on spelter bath, Method and composition for. C. K. Lytle. 2,578,977, Dec. 18.
Reduction activated peroxy compound catalyzed synthetic rubber emulsion polymerizations. R. L. Provost and F. J. Foster. 2,551,336, May 1.
Reduction activated peroxygen catalyzed synthetic rubber emulsion polymerizations. V. C. Neklutin. 2,554,681, May 29.
Reduction and melting of ores with gaseous fuel. H. J. Ogorzaly. 2,560,470, July 10.
Reduction furnace. F. W. de Jahn. 2,548,876, Apr. 17.
Reduction of drag of and propulsion of aerodynamic or hydrodynamic bodies. F. Whittle. 2,561,303, July 17.
Reduction of estrone esters to alpha estradiol. S. Kaufmann and G. Rosenkranz. 2,555,344, June 5.
Reduction of enamines. P. L. de Benneville. 2,578,787, Dec. 18.
Reduction of metallic oxides. H. A. Brassert and F. W. de Jahn. 2,547,685, Apr. 3.
Reduction of nitroaryl compounds. D. E. Sargent and G. W Pedlow, Jr. 2,570,866, Oct. 9.
Reduction of organic nitro compounds to amines. P. C. Condit. 2,560,555, July 17.
Reduction of phosphoric acid corrosion in a polymerization process. J. D. Kemp and L. F. Brooke. 2,547,013, Apr. 3.
Reduction of selective fading distortion. W. L. Carlson. 2,549,423, Apr. 17.
Reduction of 12-ketosteroids to 12-hydroxysteroids. J. S. Lawhead, R. Mozingo, and J. van de Kamp. 2,538,109, Jan. 16.
Reed adjustment for looms. C. P. Bergstrom. 2,569,880, Oct. 2.
Reed for circular looms. H. Slowak. 2,545,593, Mar. 20.
Reed holder. C. Bartlett. 2,545,599, Mar. 20.
Reed mounting with metal tongues for musical instruments. R. Seybold. 2,562,397, July 31.
Reed structure, Vibrating. M. R. Winkler. 2,547,026, Apr. 3.
Reed unit for electrical musical instruments, Electromagnetic. H. E. Rogers and J. M. Magida. 2,555,936, June 5.
Reefing machine. B. A. Shannon. 2,571,169, Oct. 16.
Reel: *See*—
- Advancing reel.
- Automatic fishing reel.
- Banking reel.
- Casting reel.
- Clothesline reel.
- Contractile reel.
- Control reel.
- Cord reel.
- Electric cord adjusting reel.
- Feed reel.
- Film reel.
- Fire escape life reel.
- Fish reel.
- Fishing line reel.
- Fishing reel.
- Fluid pumping film reel.
- Foldable line-drying reel.
- Foldable reel.
- Garden hose reel.
- Hermetically sealed reel.
- Hose reel.
- Motion-picture film reel.
- Reinforcing tying wire reel.
- Revolvable spool spinning reel.
- Sewer rod reel.
- Sheet metal reel.
- Sliding spool fishing reel.
- Spin casting reel.
- Spinning type fishing reel.
- Take-up reel.
- Thread-advancing reel.
- Thread storage reel.
- Two-part display and transfer reel.
- Vacuum cleaner retracting reel.
- Winding reel.
- Wire reel.
- Wire unwinding reel.
- Yarn advancing reel.

Reel. W. G. Esmond. 2,555,535, June 5.
Reel. J. E. Johnson and C. R. Yirava. 2,565,452, Aug. 21.
Reel. S. Kaczmarek. 2,566,894, Sept. 4.
Reel. J. S. Komassa. 2,543,176, Feb. 27.
Reel. C. McCampbell. 2,551,149, May 1.
Reel. W. C. Panzer. 2,561,288, July 17.
Reel. J. H. Proctor. 2,567,857, Sept. 11.
Reel. J. A. Ruzga. 2,550,604, Apr. 24.
Reel. B. R. Webster 2,574,992, Nov. 13.
Reel and control handle for model airplanes, Combination. H. A. Pursell. 2,573,219, Oct. 30.
Reel and loader therefor, Film developer. E. Shimizu. 2,548,323, Apr. 10.
Reel and stake, Chalk line. J. J. Rose. 2,555,457, June 5.
Reel attachment for telephones, Cord. J. H. Hawkins. 2,572,478, Oct. 23.
Reel carrier. T. J. Addison. 2,549,152, Apr. 17.
Reel construction. K. W. Thalhammer. 2,563,198, Aug. 7.
Reel control mechanism, Automatic. O. W. Pies. 2,555,604, June 5.
Reel cover. S. E. Brillhart. 2 539,890, Jan. 30.
Reel drive mechanism for motion-picture projectors. J. J. Kuehn. 2,545,960, Mar. 20.
Reel for a fishing pole and locking means therefor, Combined. K. M. Fritts. 2,575,588, Nov. 20.
Reel for controlling self-propelled model airplanes, Automatic. O. L. St. Clair. 2,559,050, July 3.
Reel for fishing lines, Drying. L. P. Kelly. 2,563,045, Aug. 7.
Reel for fishing rods. C. J. Holm. 2,564,975, Aug. 21.
Reel for garden hose, Automatic. H. Allen. 2,566,867, Sept. 4.
Reel for harvesters, Pickup. K. J. Van Sickle. 2,548,329, Apr. 10.
Reel for motion-picture film. V. J. Popoli. 2,546,146, Mar. 27.
Reel for paper cutting machines, Contractile. J. M. Hammond. 2,578,064, Dec. 11.
Reel for rolled wire, Portable dispensing. E. G. Trunkhill. 2,562,650, July 31.
Reel for winding telephone cords. E. B. Böttger. 2,567,869, Sept. 11.
Reel having a combined friction drag and brake, Single action fishing. F. Rastler. 2,548,174, Apr. 10.
Reel mechanism, Takeup. W. J. Volckhausen. 2,577,168, Dec. 4.
Reel seat for fishing rods, Floating. C. L. Umphlette and L. V. Hodgeboom. 2,543,881, Mar. 6.
Reel spider for lawn mowers. G. M. Waller. 2,577,291, Dec. 4.
Reel spindle. H. H. Merwin. 2,575,062, Nov. 13.
Reel spindle. E. W. Reynolds. 2,571,061, Oct. 9.
Reel spindle adapter knob. M. H. Hutt. 2,560,225, July 10.
Reel support. N. V. Eastman. 2,537,519, Jan. 9.
Reel support. A. C. Nystrom. 2,544,348, Mar. 6.
Reeler and cutter, Belt. R. F. Trissell. 2,569,589, Oct. 2.
Reeling device. L. W. Ballou. 2,579,291, Dec. 18.
Reeling mechanism. F. A. King. 2,569,006, Sept. 25.
Reeling mechanism for electrically operated lawn mowers, Take-up. J. L. Bilderbeck. 2,566,512, Sept. 4.
Reeling, rotating, and driving unit for sewer cleaning rods. P. L. Ciaccio. 2,544,256, Mar. 6.
Reenforcing rubberlike materials. E. Schmidt. 2,560,043, July 10.
Re-etching electrotypes. J. Lomax. 2,564,659, Aug. 21.
Refacing machine, Portable. N. A. Marrotte. 2,556,203, June 12.
Refining cottonseed oil. W. Lange. 2,551,496, May 1.
Refining fuel oil. E. W. Reiley, Jr., and L. J. Duke. 2,563,369, Aug. 7.
Refining glyceride oils. T. H. Rider and S. D. Gershon. 2,544,725, Mar. 13.
Refining hydrocarbon lubricating oils. D. E. Badertscher and W. H. King. 2,546,916, Mar. 27.
Refining kerosene with bauxite and sulfur dioxide. R. C. Brandon. 2,560,330, July 10.
Refining lead and its alloys. M. Meyer. 2,543,041, Feb. 27.
Refining milk and milk products. U. N. Petty. 2,547,281, Apr. 3.
Refining mineral oils. B. K. Engel and F. T. E. Palmqvist. 2,547,629, Apr. 3.
Refining of animal and vegetable oils. M. Mattikow. 2,576,957, Dec. 4.
Refining of animal and vegetable oils. M. Mattikow. 2,576,958, Dec. 4.
Refining of copper, Electrolytic. S. Skowronski and M. A. Mosher. 2,556,635, June 12.

Refining of cracked naphthas by selective hydrogenation. M. C. K. Jones. 2,542,970, Feb. 27.
Refining of fatty acids. W. J. Bloomer. 2,571,663, Oct. 16.
Refining of hydrocarbons. L. C. Strang. 2,567,252, Sept. 11.
Refining of impure aluminum, Electrolytic. A. F. Johnson. 2,539,743, Jan. 30.
Refining of lubricating oils. P. H. Carnell. 2,557,940, June 26.
Refining of organic compounds. L. D. Friedman and W. B. Hughes. 2,544,308, Mar. 6.
Refining of tall oil soap. T. Hasselstrom and M. Stoll. 2,547,208, Apr. 3.
Refining of vegetable wax powder. A. F. Buckman, Jr. 2,540,978, Feb. 6.
Refining oil. A. P. Lien, B. L. Evering, and F. W. Haeckl. 2,564,071, Aug. 14.
Refining oil with a solvent. G. B. Arnold and W. E. Skelton. 2,567,172, Sept. 11.
Refining petrol. L. B. Lundquist. 2,558,863. July 3.
Refining petroleum hydrocarbons. A. Greentree and D. A. Hermanson. 2,574,434, Nov. 6.
Refining refractory carbides. M. Oswald. 2,568,251, Sept. 18.
Refining salt or other soluble substances, Method and apparatus for. C. M. Hopper and R. B. Richards. 2,555,340, June 5.
Refining soybean oil. A. L. Ayers. 2,561,330, July 24.
Refining tower. J. F. Jordan. 2,572,489, Oct. 23.
Refire adapter for cartridges. R. E. McGahey, Jr. 2,568,079, Sept. 18.
Reflecting fabric. E. L. Hudspeth and J. P. Nash. 2,576,255, Nov. 27.
Reflecting image-forming optical system for instruments. E. J. Meyer. 2,571,743, Oct. 16.
Reflecting system. S. D. Robertson. 2,543,130, Feb. 27.
Reflective sign. H. Cook. 2,549,893, Apr. 24.
Reflector and showcase frame, Combination. C. K. Kurtzon. 2,569,934, Oct. 2.
Reflector coffee table. R. Bruner. 2,548,586, Apr. 10.
Reflector, Colored reflex light. J. C. Tatum. 2,555,715, June 5.
Reflector, Emergency highway warning. R. N. Bompart. 2,561,173, July 17.
Reflector, Rail car safety. D. M. Williams. 2,551,193, May 1.
Reflector, Reflex light. P. V. Palmquist and R. E. Penrod. 2,543,800, Mar. 6.
Reflector unit. J. C. Haggart, Jr. 2,555,191, May 29.
Reflex intergraph. R. E. Glover. 2,540,111, Feb. 6.
Reflex oscillator. W. G. Shepherd. 2,566,584, Sept. 4.
Reflux ratio control. L. S. Galstaun and E. R. Keever. 2,556,752, June 12.
Reforming hydrocarbons, Process and catalyst for. K. K. Kearby. 2,556,280, June 12.
Reforming of hydrocarbons with dehydrogenation catalysts. E. J. Houdry. 2,578,704, Dec. 18.
Reforming process and catalyst therefor. F. G. Ciapetta. 2,550,531, Apr. 24.
Refractive index measurement of fluids. G. C. Eltenton. 2,569,127, Sept. 25.
Refractometer employing the principle of total reflection. M. Silge. 2,556,344, June 12.
Refractories. E. C. Henry, J. L. Leech, and L. R. Armstrong. 2,543,548, Feb. 27.
Refractory and semirefractory materials and manufacture. L. W. Austin and D. Rhodes. 2,543,752, Mar. 6.
Refractory bonding method and refractories produced thereby. L. W. Austin and J. C. Hicks. 2,537,013, Jan. 9.
Refractory brick and interposed oxidizable metallic plate furnace roof and constructing the same, Suspended. R. P. Heuer. 2,547,322, Apr. 3.
Refractory brick making, Unburned. R. P. Heuer. 2,547,323, Apr. 3.
Refractory heat transfer bodies and process of manufacture. L. D. Christie, Jr., and C. L. Norton, Jr. 2,566,117, Aug. 28.
Refractory lined receptacle. N. E. Werner. 2,542,951, Feb. 20.
Refractory lining for domestic furnaces. W. N. Butterworth. 2,577,400, Dec. 4.
Refractory material. M. W. Caton. 2,559,343, July 3.
Refractory material and making. C. C. Teasel. 2,567,088, Sept. 4.
Refractory metal alloy casting and making same. F. P. Bens, J. L. Ham, and R. M. Parke. 2,580,273, Dec. 25.
Refractory metals, Production of. P. J. Maddex. 2,556,763, June 12.
Refractory metals, Production of. P. J. Maddex. 2,564,337, Aug. 14.
Refrigerant and method. G. W. Dible. 2,538,863, Jan. 23.
Refrigerant compressing apparatus, Multicylinder. W. E. Dodson. 2,550,457, Apr. 24.
Refrigerant control system. H. J. Matteson. 2,572,501, Oct. 23.
Refrigerant distributor. F. C. Ort. 2,555,055, May 29.
Refrigerant expansion valve. H. T. Lange. 2,573,151, Oct. 30.
Refrigerant flow controlling device. W. R. Whitney. 2,548,643, Apr. 10.
Refrigerant gas drying apparatus. H. C. Wagner. 2,537,720, Jan. 9.
Refrigerants and refrigeration processes. W. H. Reed and W. A. Pennington. 2,547,887, Apr. 3.
Refrigerated commodity box. J. T. Fritsche. 2,579,379, Dec. 18.
Refrigerated display and dispensing unit. W. S. Vorwick and D. W. Kennedy. 2,575,434, Nov. 20.
Refrigerated display case. E. F. Brill and O. W. Schroeder. 2,574,242, Nov. 6.
Refrigerated tank. L. A. Philipp. 2,562,638, July 31.
Refrigerating and water-heating system, Combined. L. F. Whitney. 2,562,651, July 31.
Refrigerating apparatus. A. G. Brown. 2,543,351, Feb. 27.
Refrigerating apparatus. L. E. Carson. 2,562,446, July 31.
Refrigerating apparatus. R. S. Gaugler. 2,565,220–1, Aug. 21.
Refrigerating apparatus. A. V. Frohnapel. 2,551,369, May 1.
Refrigerating apparatus. A. V. Frohnapel. 2,562,609, July 31.
Refrigerating apparatus. L. A. Philipp. 2,539,099, Jan. 23.
Refrigerating apparatus. L. A. Philipp. 2,552,345, May 8.
Refrigerating apparatus. L. A. Philipp. 2,559,087, July 3.
Refrigerating apparatus. F. A. Rickert and R. E. Crichton. 2,551,163, May 1.
Refrigerating apparatus. W. H. Teeter. 2,573,288, Oct. 30.
Refrigerating apparatus and method. L. E. Carson. 2,539,813, Jan. 30.
Refrigerating apparatus and method. L. E. Perrine. 2,579,512, Dec. 25.
Refrigerating apparatus for beverage coolers. W. E. Anglin. 2,546,417, Mar. 27.
Refrigerating apparatus for railway cars. C. F. Henney. 2,541,921, Feb. 13.
Refrigerating apparatus for transport vehicles and the like. H. V. Williamson and E. R. Aller. 2,536,241, Jan. 2.
Refrigerating apparatus for vehicles. L. L. Kuempel. 2,569,009, Sept. 25.
Refrigerating apparatus having means to prevent wetting of insulation. L. A. Philipp. 2,543,196. Feb. 27.
Refrigerating apparatus, including water circulating means. K. D. Huffman and H. Sigafoos. 2,563,935, Aug. 14.
Refrigerating apparatus, Removable. W. P. Hill. 2,561,278, July 17.
Refrigerating apparatus, Shaft driven. T. W. Nichols. 2,557,886, June 19.
Refrigerating apparatus support. E. L. Horlacher. 2,536,811, Jan. 2.
Refrigerating device. R. S. Hartman. 2,543,494, Feb. 27.
Refrigerating device for cars. L. Schwarzmayr. 2,552,819, May 15.
Refrigerating device for package goods. F. E. Hazard. 2,538,780, Jan. 23.
Refrigerating-heating apparatus with improved coil header structure, Combination. D. W. and R. T. Ransdell. 2,556,104, June 5.
Refrigerating machine of the combined compression-absorption type. R. and H. Bernat. 2,548,699, Apr. 10.
Refrigerating mechanism. G. Muffly. 2,540,343, Feb. 6.
Refrigerating system, Multiple temperature. J. C. Jenkins. 2,539,908, Jan. 30.
Refrigerating system, Two-temperature. L. W. Atchison. 2,576,663, Nov. 27.
Refrigerating system using multiple stages of generation, Multitemperature absorption. C. C. Coons. 2,560,790, July 17.
Refrigerating system with defrosting arrangement. V. W. Smith. 2,555,161, May 29.
Refrigerating unit, Baby bottle. E. H. Lutz. 2,562,108, July 24.
Refrigerating unit in truck body, Removable. C. A. Hawkes. 2,571,445, Oct. 16.
Refrigeration. C. C. Coons. 2,566,170, Aug. 28.
Refrigeration. E. L. Schulz and E. A. Bailey. 2,540,550, Feb. 6.
Refrigeration, Absorption. B. C. von Platen. 2,548,921, Apr. 17.
Refrigeration apparatus. A. N. Nicholson. 2,578,829, Dec. 18.
Refrigeration apparatus. R. E. Tobey. 2,578,906, Dec. 18.
Refrigeration apparatus, Absorption. E. B. Terrill, Jr. 2,552,071, May 8.
Refrigeration apparatus, including defrosting means. T. W. Binder. 2,573,684, Nov. 6.
Refrigeration apparatus with crating means. F. D. Peltier and M. C. Terry. 2,551,284, May 1.
Refrigeration control, Two-temperature. G. Muffly. 2,565,145, Aug. 21.
Refrigeration device. W. R. Dapprich. 2,578,049, Dec. 11.
Refrigeration expansion valve. F. Y. Carter. 2,538,861, Jan. 23.
Refrigeration expansion valve. F. Y. Carter. 2,577,450, Dec. 4.

Refrigeration of railroad cars, Method and system for. R. D. Pike. 2,550,935, May 1.
Refrigeration system. F. K. Storm, Jr., and E. H. Smiley. 2,559,095, July 3.
Refrigeration system, Absorption. A. A. Berestneff and W. L. McGrath. 2,550,665, May 1.
Refrigeration system, Absorption. A. A. Berestneff. 2,565,943, Aug. 28.
Refrigeration system, Air conditioning. W. A. Minkler and E. H. Lusk. 2,556,882, June 12.
Refrigeration system, Controlled absorption. J. G. Reid, Jr. 2,550,428, Apr. 24.
Refrigeration system, Dual temperature absorption. A. A. Berestneff. 2,566,480, Sept. 4.
Refrigeration system, Multistage. F. R. Zumbro. 2,553,623, May 22.
Refrigeration system, Secondary. L. S. Cooper. 2,580,220, Dec. 25.
Refrigeration system, Stand-by. J. W. Martin. 2,541,169, Feb. 13.
Refrigeration system with directly connected back-seating valves, Sectional. C. H. Boylan. 2,540,649, Feb. 6.
Refrigeration system with evaporator refrigerant control. J. G. Reid, Jr. 2,550,429, Apr. 24.
Refrigerator. J. W. Chamberlain. 2,575,094, Nov. 13.
Refrigerator. W. L. Morrison. 2,559,367, July 3.
Refrigerator. G. Muffly. 2,562,811, July 31.
Refrigerator, Absorption. O. B. Sutton. 2,546,912, Mar. 27.
Refrigerator and evaporator therefor. W. L. Morrison. 2,548,441, Apr. 10.
Refrigerator bag for carrying articles to be chilled, Collapsible insulated. G. A. Seipp. 2,575,191, Nov. 13.
Refrigerator cabinet breaker strip. G. K. Iwashita. 2,544,321, Mar. 6.
Refrigerator cabinets, Making. L. A. Philipp. 2,579,396, Dec. 18.
Refrigerator car. R. K. Schwebs. 2,570,162, Oct. 2.
Refrigerator control. W. E. Stitz. 2,545,054, Mar. 13.
Refrigerator control. E. R. Taylor and D. P. Armbruster. 2,563,973, Aug. 14.
Refrigerator, Controlled humidity. L. S. Cooper. 2,580,219, Dec. 25.
Refrigerator crisper. G. L. Pownall. 2,579,335, Dec. 18.
Refrigerator door. W. E. Richard. 2,553,832, May 22.
Refrigerator door latch. A Colonna. 2,574,244, Nov. 6.
Refrigerator door latch. G. E. Curtiss, Jr. 2,546,333, Mar. 27.
Refrigerator embodying stabilized mixtures of oil and aliphatic halides. L. C. Flowers. 2,550,113, Apr. 24.
Refrigerator frost indicator. R. E. Tobey. 2,571,787, Oct. 16.
Refrigerator having a heat transfer device about door opening. H. Mortensen. 2,537,314, Jan. 9.
Refrigerator having a secondary cooling means. W. E. Richard. 2,550,165, Apr. 24.
Refrigerator having a vertically movable shelf section. G. H. Bugenhagen. 2,563,208, Aug. 7.
Refrigerator, L-shaped. G. L. C. Earle. 2,539,613, Jan. 30.
Refrigerator latch. F. M. Hogg. 2,561,201, July 17.
Refrigerator, Multiple compartment. F. V. Gallaugher. 2,572,715, Oct. 23.
Refrigerator, Portable. P. Hertzberg. 2,559,121, July 3.
Refrigerator, Portable. J. C. Higgins and M. J. Pollak. 2,536,287, Jan. 2.
Refrigerator, Portable. R. Wingerter. 2,566,865, Sept. 4.
Refrigerator system for produce stands. H. Y. Stebbins. 2,560,309, July 10.
Refrigerator truck safety device. O. A. Brouer. 2,575,939, Nov. 20.
Refrigerator, Two-temperature. H. E. Rosebrook. 2,539,105, Jan. 23.
Refrigerator, Two temperature. R. E. Tobey. 2,563,975, Aug. 14.
Refrigerator unit, Portable utility. O. E. Becker. 2,554,290, May 22.
Refrigerator wall and closure. G. Muffly. 2,544,394, Mar. 6.
Refrigerator with pivoted rotatable shelves, Circular. J. E. Ramsey. Re. 23,374, June 5.
Refrigerator with removable unit, Portable. U. S. Carrington. 2,549,421, Apr. 17.
Refuse truck tail gate. D. S. Reitz. 2,557,142, June 19.
Regenerating a moving catalyst. L. S. Kassel. 2,537,272, Jan. 9.
Regenerating adsorptive material. J. E. Penick. 2,571,380, Oct. 16.
Regenerating alcohol-caustic solution. V. Voorhees. 2,538,287, Jan. 16.
Regenerating aluminum anodizing solution. O. R. Borngesser. 2,542,112, Feb. 20.
Regenerating an iron-contaminated cracking catalyst. H. G. Corneil and J. C. Schiller. 2,575,258, Nov. 13.
Regenerating exchangeable filters. J. Wünsch. 2,561,834, July 24.
Regenerating hydrocarbon synthesis catalyst. W. H. Jones, F. M. Long, and R. W. Krebs. 2,541,654, Feb. 13.
Regenerating mercaptan solvent. J. H. Krause and T. B. Tom. 2,560,178, July 10.
Regenerating the hydroxyapatite of tricalcium phosphate and trimagnesium phosphate for use as fluoride absorbent reagents. F. J. Maier. 2,553,595, May 22.
Regeneration control apparatus for water softeners, Automatic. P. G. Mueller. 2,539,748, Jan. 30.
Regeneration control system. T. W. White. 2,551,357, May 1.
Regeneration of a cobalt oxo synthesis catalyst. E. A. Naragon, A. J. Millendorg, and J. H. Vergilio. 2,542,558, Feb. 20.
Regeneration of alumina-chromia catalyst. G. H. Hanson. 2,546,031, Mar. 20.
Regeneration of an adsorptive bed containing constituents with a high vapor pressure. I. Roberts. 2,562,334, July 31.
Regeneration of an iron catalyst with controlled CO_2:CO ratios. H. Z. Martin, I. Mayer, and C. W. Tyson. 2,562,804, July 31.
Regeneration of bone char. V. R. Deitz. 2,557,948, June 26.
Regeneration of moving catalysts. L. P. Evans, R. Lee, and W. A. Hagerbaumer. 2,566,285, Aug. 28.
Regeneration of olefins from acid solutions. F. M. Archibald and V. F. Mistretta. 2,563,686, Aug. 7.
Regeneration of olefins from acid solutions. M. D. Mann, Jr., and H. O. Mottern. 2,563,685, Aug. 7.
Regeneration of spent alkali. D. C. Bond and N. B. Russell. 2,574,525, Nov. 13.
Regenerative breaking control. D. C. Hoffmann. 2,539,191, Jan. 23.
Regenerative heat exchanger. H. Cohen and A. R. D. Robson. 2,579,173, Dec. 18.
Regenerative heat exchanger. S. Holm. 2,558,752, July 3.
Regenerative heat exchanging apparatus. C. E. H. Eckersley. 2,549,583, Apr. 17.
Regenerative kiln. S. S. Kistler. 2,571,897, Oct. 16.
Register. T. F. Callahan and F. G. White. 2,576,102, Nov. 27.
Register, Air discharge. P. I. Kooiker. 2,555,978, June 5.
Register, Autographic. M. L. Bright. 2,577,447, Dec. 4.
Register, Autographic. J. T. Davidson and J. H. Kroemer. 2,541,989, Feb. 20.
Register, Autographic. F. E. Lanegan. 2,575,421, Nov. 20.
Register, Autographic. H. J. Waechter. 2,567,305, Sept. 11.
Register, Autographic. L. E. Zurbuchen. 2,577,395, Dec. 4.
Register control and signal for web presses. E. W. Worthington and G. J. Schowerer. 2,550,318, Apr. 24.
Register control device for web printing machines. W. F. Huck. 2,549,605, Apr. 17.
Register control for web fed casemaking machines. E. Bach, J. P. Gratiot, O. L. Gore, and G. B. Linderman, Jr. 2,556,787, June 12.
Register control for web pasting, Electronic. N. Bishop. 2,536,153, Jan. 2.
Register control means for continuous and intermittent web feed mechanism. F. Auer. 2,548,136, Apr. 10.
Register device with spiral number display. F. G. Nicolaus. 2,551,692, May 8.
Register for gas meters, Remote. J. W. Bickel and J. A. Reding. 2,553,842, May 22.
Register for gas meters, Remote indicating. J. W. Bickel and J. A. Reding. 2,553,843, May 22.
Register mechanism with selectively adjustable unit price means, Presettable quantity and price. R. L. Rambert. 2,557,464, June 19.
Register resetting apparatus, Hydraulic. R. B. Pressler. 2,575,562, Nov. 20.
Register-sender for automatic telephone systems. W. T. Powell. 2,541,936, Feb. 13.
Register, Snap-attachable key. L. Oberfield. 2,561,944, July 24.
Register system. E. M. S. McWhirter, R. H. Dunn, F. W. Warden, H. J. Ward, H. M. M. D. Fonseca, and P. G. Collier. 2,565,511, Aug. 28.
Register, Trip. A. B. Troupa. 2,574,513, Nov. 13.
Registering device. R. Hofgaard. 2,579,000, Dec. 18.
Registering device for impulse series, Automatic. A. C. Jacobaeus. 2,552,719, May 15.
Registering device for lithographic and printing presses, Automatic sheet. H. J. Watrous. 2,565,054, Aug. 21.
Registering device for scales. L. Poillevey. 2,556,660, June 12.
Registering device for use with machines handling punctured sheets. H. Robst. 2,572,691, Oct. 23.
Registering impressions in multiunit sheet printing machines. A. J. Albrecht. 2,577,099, Dec. 4.
Registering mechanism for rotary offset printing machines. J. P. Fay. 2,536,679, Jan. 2.
Registering mechanism for scales and the like. A. G. Brown. 2,571,414, Oct. 16.
Registration of scanning patterns of cathode-ray tubes. K. R. Wendt. 2,552,357, May 8.
Regrooving tool. E. J. Mayher. 2,568,683, Sept. 18.
Regulated alternating current power supply. L. P. Paradise and W. F. Auerbacher. 2,540,213, Feb. 6.
Regulated current supply apparatus. D. E. Trucksess. 2,573,744, Nov. 6.

Regulated power supply. W. R. Baker. 2,579,223, Dec. 18.
Regulated rectifying apparatus. J. A. Potter. 2,577,151, Dec. 4.
Regulating air-charging means for ice-cream freezers. T. and R. B. Giusti. 2,569,235, Sept. 25.
Regulating apparatus for extraction turbines. O. N. Bryant and M. Gottlieb. 2,552,401, May 8.
Regulating apparatus for the automatic charging in two stages of a battery of accumulators. W. Albrand. 2,563,670, Aug. 7.
Regulating blast furnace top temperature, Method of and apparatus for. J. H. Strassburger. 2,549,720, Apr. 14.
Regulating device for the outlet section of a reaction propeller tube or nozzle. R. J. Imbert. 2,557,435, June 19.
Regulating device, Sequential. K. O. Sisson. 2,549,025, Apr. 17.
Regulating device with speed adjusting mechanism for power engines. O. A. Wiberg and B. H. Wetterström. 2,561,719, July 24.
Regulating means for alternating electric current generators. J. A. Laird and J. W. Reid-Jones. 2,546,549, Mar. 27.
Regulating mechanism for winding rolled material. K. H. Idar and G. Lindahl. 2,539 540, Jan. 30.
Regulating shot sizes. I. M. Olsen. 2,567,121, Sept. 4.
Regulating system. S. L. Bradley. 2,571,827, Oct. 16.
Regulating system. R. A. Geiselman. 2,550,115, Apr. 24.
Regulating system. R. A. Geiselman. 2,568,391, Sept. 18.
Regulating system. H. W. Graybrook. 2,555,539, June 5.
Regulating system. J. Moir and W. S. Graff-Baker. 2,546,039, Mar. 20.
Regulating system utilizing a nonlinear resonant current limiter. D. J. Sikorra. 2,576,647, Nov. 27.
Regulating system utilizing a nonlinear resonant network. D. J. Sikorra. 2,576,646, Nov. 27.
Regulating temperature and pressure operated valves. O. C. Norton. 2,547,882, Apr. 3.
Regulating the operation of an open-fire tunnel kiln, Method and apparatus for. P. D. Dressler and C. C. Hopkins. 2,567,556, Sept. 11.
Regulating the supercharge pressure of internal-combustion engines in reversible marine propulsion plants. H. Lieberherr. 2,565,080, Aug. 21.
Regulation of an assembly of electric generating units. P. Almeras. 2,560,914, July 17.
Regulation of high-frequency oscillators. O. F. Gullick. 2,570,798, Oct. 9.
Regulation of liquid fuel injection pumps. W. E. W. Nicolls. 2,556,774, June 12.
Regulation of rail flaw detection sensitivity, Automatic. D. E. Farmer. 2,540,870, Feb. 6.
Regulation of the amount of air in the cycle of an external-combustion engine. H. L. Muller and W. K. Bouwman. 2,558,495, June 26.
Regulation of timepieces, Automatic. J. Rabinow. 2,542,430, Feb. 20.

Regulator: *See*—
- Aircraft air-speed regulator.
- Automatic flow regulator.
- Automatic strand feed regulator.
- Carbon pile electric regulator.
- Carbon pile regulator.
- Compressor regulator.
- Constant current regulator.
- Corona triode voltage regulator.
- Draft regulator.
- Electric load regulator.
- Electrical regulator.
- Electronic alternating voltage regulator.
- Electronic voltage regulator.
- Engine pressure regulator.
- Fluid regulator.
- Furnace temperature regulator.
- Gas pressure regulator.
- Gas service pressure regulator.
- Generator regulator.
- Mixing regulator.
- Multiple stage pressure regulator.
- Oil pressure regulator.
- Oxygen demand pressure breathing regulator.
- Oxygen regulator.
- Pile regulator.
- Pilot gas regulator.
- Pneumatic follow-up pressure regulator.
- Power regulator.
- Pressure breathing regulator.
- Pressure regulator.
- Prime mover regulator.
- Pump regulator.
- Rectifier regulator.
- Saturable reactor type regulator.
- Stock regulator.
- Temperature controlled fluid flow regulator.
- Thermostatic pressure regulator.
- Vehicle window regulator.
- Voltage regulator.
- Wave guide regulator.
- Welding current regulator.
- Window regulator.

Regulator. H. A. Alexanderson and H. C. Nette. 2,544,973, Mar. 13.
Regulator. R. P. Gendreau. 2,551,836, May 8.
Regulator. W. J. Rady and L. A. Rice. 2,565,989, Aug. 28.
Regulator air vent guard. H. E. Zaske. 2,551,782, May 8.
Regulator and balancing system, Hall effect. A. Hansen, Jr. 2,551,265, May 1.
Regulator and controller, Electrical. R. Amsler. 2,563,905, Aug. 14.
Regulator filter. G. L. Hammon. 2,553,763, May 22.
Regulator for fishing tackle, Combination float and depth. W. E. Beard. 2,536,414, Jan. 2.
Regulator for flow of material from a hopper. M. H. Pearson. 2,549,126, Apr. 17.
Regulator for oil burners, Air draft. J. E. Histed. 2,568,192, Sept. 18.
Regulator for ploughs, Automatic cutting depth. O. Gobeil. 2,567,107, Sept. 4.
Regulator for refrigerators, Temperature. G. S. McCloy. 2,557,750, June 19.
Regulator for timepieces, Automatic speed. R. E. Holdman. 2,554,029, May 22.
Regulator for wet grinding wheels, Coolant. K. Weiss and H. R. Sautter. 2,546,805, Mar. 27.
Regulator mechanism. J. B. Parsons. 2,566,745, Sept. 4.
Regulator rate of change mechanism. R. A. Arthur. 2,556,159, June 12.
Regulator system. W. Josephian. 2,547,823, Apr. 3.
Regulator testing apparatus, Voltage. K. E. Lugosch. 2,552,504, May 8.
Regulator utilizing reference electrodes, Electrode spacing. D. Journeaux. 2,539,912, Jan. 30.
Regulator with phase splitting circuit controlled by inductive damping means, Voltage. D. J. Sikorra and D. V. Hotson. 2,549,250, Apr. 17.
Reheat turbine control apparatus. H. R. Reese. 2,543,129, Feb. 27.
Reinforced box. F. J. Ullrich and L. A. Fordon. 2,541,846, Feb. 13.
Reinforced building block. R. S. Reed. 2,540,349, Feb. 6.
Reinforced cast structure. B. W. Fromson. 2,558,946, July 3.
Reinforced elastic organo-substituted polysiloxanes containing treated pigments. M. M. Safford. 2,563,555, Aug. 7.
Reinforced fibrous porous cushioning material. A. Talalay and A. P. Barton. 2,580,202, Dec. 25.
Reinforced hollow structures, Manufacture of. S. Macerata. 2,561,581, July 24.
Reinforced insulation assembly. M. E. Barnhart and L. F. Miller. 2,568,979, Sept. 25.
Reinforced knockdown box. W. A. Ringler. 2,551,164, May 1.
Reinforced laminated material, Making. D. S. Bruce. 2,561,781, July 24.
Reinforced web and method and apparatus for forming same. W. A. Knudson. 2,575,666, Nov. 20.
Reinforcement for a tooth filling. B. F. Tofflemire. 2,538,486, Jan. 16.
Reinforcement for filled hollow steel blades. E. G. Griese. 2,566,701, Sept. 4.
Reinforcing asbestos-cement sheets. F. L. Nash. 2,578,581, Dec. 11.
Reinforcing asbestos-cement sheets and apparatus for use therein. F. L. Nash. 2,578,580, Dec. 11.
Reinforcing electric currents by direct-current saturated inductances. U. Lamm. 2,562,047, July 24.
Reinforcing insert for antidrip attachment for paint brushes. J. F. Kunau. 2,574,042, Nov. 6.
Reinforcing structure for vehicle bodies, especially for railway cars. R. J. Theriault. 2,546,839, Mar. 27.
Reinforcing tying wire reel. T. Sato. 2,542,580, Feb. 20.
Rejuvenating device, Typewriter ribbon. R. W. Harris. 2,549,196, Apr. 17.
Relaxation type of electrical measuring system. T. C. Hana. 2,544,531, Mar. 6.
Relay. E. Bando. 2,542,174, Feb. 20.
Relay. O. S. Field. 2,536,162, Jan. 2.
Relay. A. W. Fischer. 2,573,000, Oct. 30.
Relay. H. C. Harrison. 2,562,091, July 24.
Relay. C. Lomholt. 2,538,020, Jan. 16.
Relay. W. D. Macgeorge. Re. 23,426, Oct. 30.
Relay. W. D. Macgeorge. 2,554,467, May 22.
Relay. J. E. Mossman and J. D. Elsom. 2,539,547, Jan. 30.
Relay. K. W. Pfleger. 2,580,123, Dec. 25.
Relay. W. E. Viol. 2,556,716, June 12.
Relay. J. M. Wilson and S. W. Nickells. 2,545,835, Mar. 20.
Relay, Alternating current vane. W. K. Maenpaa. 2,559,448, July 3.
Relay and associated circuits, Combined line and metering. C. E. Lomax. 2,546,644, Mar. 27.
Relay arrangement, Time-delay. O. Lühn. 2,552,636, May 15.
Relay circuit. V. L. Cartmell. 2,540,098, Feb. 6.
Relay construction. F. R. McBerty. 2,550,577, Apr. 24.
Relay construction. R. K. McBerty. 2,550,578, Apr. 24.
Relay construction. R. K. McBerty and D. S. Baker. 2,558,524, June 26.
Relay control, Close differential. A. L. Bastian. 2,566,974, Sept. 4.
Relay circuits, Time-delay. E. H. Meier. 2,559,508, July 3.
Relay, Electromagnetic. A. J. Lewus. 2,547,131, Apr. 3.
Relay, Electronically timed. S. A. Tucker and A. W. Gellert. 2,541,560, Feb. 13.
Relay for alternating current, Protective. G. C. Armstrong. 2,545,984, Mar. 20.
Relay for rectifying flow of fluids through control valves. F. M. Poole and H. B. Manley. 2,542,260, Feb. 20.
Relay for transmission lines, Protective. J. L. Blackburn. 2,545,987, Mar. 20.
Relay for use in controlling atmospheric conditions. A. J. Hilgert. 2,569,762, Oct. 2.
Relay, High-speed coaxial. R. E. Kester and W. S. Quincy, Jr. 2,548,889, Apr. 17.

Relay, Impulse counting. C. N. Hickman. 2,564,432, Aug. 14.
Relay interlock. G. F. Weinreich. 2,540,976, Feb. 6.
Relay mechanism, Time-delay. J. S. Baker. 2,552,614, May 15.
Relay, Mercury type. H. C. Harrison. 2,542,668, Feb. 20.
Relay mounting. W. W. Brockway. 2,547,999, Apr. 10.
Relay, Polarized protective. S. L. Goldsborough. 2,545,995, Mar. 20.
Relay, Power factor sensitive. R. F. Davis. 2,558,609, June 26.
Relay, Protective. W. E. Glassburn. 2,565,127, Aug. 21.
Relay, Reverse current. R. L. Brown. 2,565,755, Aug. 28.
Relay selecting and indicating circuit. C. O. Parks. 2,566,426, Sept. 4.
Relay, Sensitive electrical. A. H. Lamb. 2,565,312, Aug. 21.
Relay set-subscriber's lockout circuit. H. L. Horwitz. 2,572,027, Oct. 23.
Relay system. G. S. Ley, C. J. Miller, and A. A. Nims, Jr. 2,579,591, Dec. 25.
Relay system for Diesel electric locomotives. C. S. Snavely. 2,537,319, Jan. 9.
Relay system, Reverse current. L. B. Haddad. 2,536,740, Jan. 2.
Relay system, Time-delay. M. E. Bivens. 2,552,137, May 8.
Relay system, Time-delay. M. W. Griffes and H. J. Rathbun. 2,549,307, Apr. 17.
Relay system, Time-delay. H. M. Trent. 2,549,865, Apr. 24.
Relay system with pressure-responsive electric operated follow-up means. V. Broida. 2,541,199, Feb. 13.
Relay, Time delay. H. M. Stoller. 2,567,827, Sept. 11.
Relay translating circuit. T. L. Dimond. 2,580,082, Dec. 25.
Relay, Voice operated. D. M. Saling. 2,543,807, Mar. 6.
Relay with detachable armature assembly, Through conductor. J. Wurgler. 2,558,640, June 26.
Relay with mechanical hold-in. H. L. Seiden. 2,571,068, Oct. 9.
Relay with passive springs. K. W. Graybill and H. Sergebusch. 2,541,355, Feb. 13.
Relaying and indicating means usable with race totalizators. E. T. Both and F. S. Grace. 2,567,470, Sept. 11.
Releasable article carrier. C. E. Hutchison and W. F. Spivey, Jr. 2,577,464, Dec. 4.
Releasable coupling. R. L. Hohler. 2,537,829, Jan. 9.
Releasable heater support. G. H. Morey. 2,546,770, Mar. 27.
Releasable hook. F. E. Osika. 2,568,820, Sept. 25.
Releasable manual control. C. Norton and P. O. Hooker. 2,559,197, July 3.
Release and reset mechanism for clothes wringers. S. I. Gabrielson. 2,544,309, Mar. 6.
Release cam. C. W. Miller. 2,554,916, May 29.
Release means for toggle-actuated plier-type wrenches. L. C. Mead. 2,543,922, Mar. 6.
Release mechanism for semiautomatic firearms. J. Phillips and F. K. Haines. 2,538,799, Jan. 23.
Release mechanism, Multiple-line. L. P. Frieder and W. S. Finken. 2,546,689, Mar. 27.
Releasing device for mirror reflex adapters for photographic cameras. J. Waggin. 2,576,494, Nov. 27.
Releasing end stop nonseparable slide fastener. D. Rabinow and O. J. Moehler. 2,573,058–9, Oct. 30.
Releasing fouled boat anchors. A. Illsche. 2,568,006, Sept. 18.
Releasing music comb vibrators from their plucking elements. T. R. Duncan. 2,562,896, Aug. 7.
Relief and control valve. R. J. S. Pigott. 2,568,026, Sept. 18.
Relief valve. F. C Biggert, Jr. 2,571,007, Oct. 9.
Relief valve. C. W. Bondurant. 2,571,667, Oct. 16.
Relief valve. P. B. Drane, and C. D. Laidley. 2,557,536, June 19.
Relief valve. D. B. Gardiner and E. F. Klessig. 2,578,795, Dec. 18.
Relief valve. W. B. Gasper. 2,540,440, Feb. 6.
Relief valve. S. E. Gilmore. 2,547,862, Apr. 3.
Relief valve. C. E. Ives. 2,540,583, Feb. 6.
Relief valve. T. J. Janson. 2,548,374, Apr. 10.
Relief valve. J. Mercier. 2,575,969, Nov. 20.
Relief valve. D. Ragland. 2,574,414, Nov. 6.
Relief valve. T. E. Raymond. 2,564,815, Aug. 21.
Relieving pressure vessels when subjected to high temperatures. G. R. Benz and E. O. Mattocks. 2,564,295, Aug. 14.
Remedial foot support. A. Woodthorpe. 2,576,247, Nov. 27.
Remolding vulcanized rubber. W. H. Woolf. 2,554,607, May 29.
Remote control. A. C. D'Arcey. 2,557,784, June 19.
Remote control and answer-back system. H. J. Nichols. 2,575,357, Nov. 20.
Remote control apparatus. G. Agins, and R. Y. Miner. 2,557,401, June 19.
Remote-control apparatus. L. Hammond. 2,554,329, May 22.
Remote control apparatus for opening and closing doors. G. Kotzin. 2,563,248, Aug. 7.
Remote control apparatus for typewriting machines. J. K. Watson. 2,566,971, Sept. 4.
Remote-control blind operator for motor vehicles. C. C. Coffman. 2,574,729, Nov. 13.
Remote control device. G. M. Holley, Jr. 2,564,108, Aug. 14.
Remote-control device. E. Meili. 2,577,662, Dec. 4.
Remote control device for brakes and other remote controlled parts. H. Weber. 2,557,365, June 19.
Remote control device for brakes and the like. H. H. Weber and W. R. Gerry. 2,553,025, May 15.
Remote control for dump rakes. C. E. Jirovsky. 2,543,173, Feb. 27.
Remote control for radio receivers. R. B. Foster. 2,574,097, Nov. 6.
Remote control for vehicular combustion engines. W. N. Harrelson. 2,544,955, Mar. 13.
Remote control mechanism of change-speed gearing of a motor-vehicle. E. G. Grinham and W. R. Turner. 2,546,440, Mar. 27.
Remote-control positioning circuit. M. Petroff. 2,553,208, May 15.
Remote-control system. G. W. Baughman. 2,574,774, Nov. 13.
Remote-control system. M. T. Blease and E. Schafranik. 2,559,339, July 3.
Remote-control system. W. A. Derr. 2,556,682, June 12.
Remote-control system. W. Schaelchlin, A. J. Winchester, Jr., and J. C. Ponstingl. 2,551,972, May 8.
Remote-control system. O. H. Schmitt. 2,562,682, July 31.
Remote control system. E. L. Triman. 2,557,581, June 19.
Remote-control system. C. B. Trimble. 2,558,888, July 3.
Remote-control system, Electric. E. M. S. McWhirter and H. J. Ward. 2,567,226, Sept. 11.
Remote-control system for automotive vehicles and the like. A. H. Hofberg. 2,558,434, June 26.
Remote control system for typewriters. H. L. Tholstrup. 2,573,370, Oct. 30.
Remote-controlled and fed bottle smasher. N. E. Johnson and S. J. Welch. 2,558,255, June 26.
Remote-indicating fuel gauge. M. J. Draganjac. 2,570,218, Oct. 9.
Remote indicating system and transmitter for use therein. V. E. Matner, F. B. Newell, and D. W. Shepardson. 2,536,198, Jan. 2.
Remote monitoring system. J. F. Atkinson and S. Lubin. 2,574,458, Nov. 13.
Remote motor control. C. W. Mott. 2,577,351, Dec. 4.
Remote positional control mechanism. W. C. Hartman, J. A. Peoples, Jr., and H. L. Hull. 2,548,884, Apr. 17.
Remote reading liquid level gauge. P. E. Reeves. 2,536,465, Jan. 2.
Remotely controlled flash unit. E. R. Farber. 2,546,734, Mar. 27.
Remotely controlled reversing valve. R. H. Davies. 2,569,881, Oct. 2.
Removable blank feeding slat. A. F. Shields. 2,571,955, Oct. 16.
Removable cap with depending chamber which encloses a reciprocating valve element. D. L. Burrows. 2,579,899, Dec. 25.
Removable closure for deferred action batteries. J. Naymik. 2,566,242, Aug. 28.
Removable endless track pad. E. G. Hartdorn. 2,568,732, Sept. 25.
Removable fibre glass filter. M. S. Manow. 2,575,499, Nov. 20.
Removable handle. J. W. Guzel. 2,541,511, Feb. 13.
Removable letter sign. W. I. Staaf. 2,538,056, Jan. 16.
Removable sash shade bracket. H. A. Hammerich. 2,551,264, May 1.
Removable sectional tenderizing unit with cleaning combs. A. L. Jackson. 2,561,867, July 24.
Removable trouser leg bottom guard. H. Snider. 2,574,669, Nov. 13.
Removal and transport of ashes and the like furnace residues. A. W. Daniels. 2,563,517, Aug. 7.
Removal for silicon tetrafluoride from hydrocarbons. J. D. Gibson. 2,550,343, Apr. 24.
Removal of acetylene from hydrocarbon mixtures. G. C. Ray. 2,548,619, Apr. 10.
Removal of broken spark plugs. H. L. Van Dermark. 2,547,986, Apr. 10.
Removal of color from alkaline solutions. H. B. Gustafson. 2,561,695, July 24.
Removal of impurities from dicyanobutene. W. H. Calkins. 2,557,258, June 19.
Removal of inorganic sulfates from alkali metal benzenesulfonate and its homologues. D. R. Jackson, W. K. Langdon and T. H. Vaughn. 2,572,344, Oct. 23.
Removal of iron from a cracking catalyst. C. L. Thomas. 2,576,653, Nov. 27.
Removal of iron from regenerated cracking catalyst fines. H. G. Cornell. 2,580,004, Dec. 25.
Removal of metallic obstructions in well borings by oxidation. L. H. Watkins. 2,571,636, Oct. 16.
Removal of optics filming coat. A. Grenstad and R. B. Callison. 2,549,805, Apr. 24.
Removal of oxides of copper from surfaces of alloys of copper and silver. A. F. Slover. 2,549,137, Apr. 17.
Removal of peroxides from cracked gasoline by catalytic hydrogenation. R. C. Brandon. 2,542,471, Feb. 20.
Removal of peroxides from hydrocarbons. L. C. Fetterly. 2,545,199, Mar. 13.

Removal of peroxides from hydrocarbons and oxygenated solvents. M. C. Fuqua and B. S. Garrett. 2,563,598, Aug. 7.
Removal of radioactive contaminants. J. De Ment. 2,577,514, Dec. 4.
Removal of silica from alkaline carbonate brines. E. G. Meyer. 2,550,708, May 1.
Removal of solids from gases. A. J. Tigges. 2,537,558, Jan. 9.
Removal of spent wood chips from extractors used in rosin recovery processes. G. L. Reasor. 2,549,522, Apr. 17.
Removal of water haze from immiscible liquids. A. B. Hersberger. 2,556,722, June 12.
Remover and chopper, Vine. F. Johnson. 2,544,023, Mar. 6.
Remover, Rust. A. J. Beghin, P. F. Hamberg, Jr., and H. E. Smith. 2,558,167, June 26.
Removing acetylenes from diolefin mixtures. C. E. Morrell. 2,566,136, Aug. 28.
Removing acetylenes from diolefin mixtures. C. E. Morrell and M. W. Swaney. 2,566,135, Aug. 28.
Removing acetylenes from hydrocarbon mixtures and improvements in the separation of butadiene and acetylenes. C. E. Morrell and M. W. Swaney. 2,566,137, Aug. 28.
Removing backs from marine and fresh water shells. J. H. Hooton. 2,578,356, Dec. 11.
Removing baked magnesium fluoride films from optical glass. S. W. MacNutt. 2,536,075, Jan. 2.
Removing carbon and carbonaceous deposits from heat exchanger equipment. S. D. Lawson. 2,577,254, Dec. 4.
Removing carbon from catalyst. E. V. Harlow. 2,548,883, Apr. 17.
Removing carbon monoxide from hydrocarbons. C. H. Watkins. 2,570,615, Oct. 9.
Removing condensate from cooling elements of air-conditioning systems. L. McNeely. 2,553,143, May 15.
Removing condensibles from gases, Method and apparatus for. C. E. Alleman and D. J. Quigg. 2,561,720, July 24.
Removing copper-containing incrustations from steam generators. F. N. Alquist, J. L. Wasco, and C. R. Irons. 2,567,835, Sept. 11.
Removing defects in wood. J. A. Nylund. 2,570,588, Oct. 9.
Removing feathers from poultry. S. S. Barker. 2,557,335, June 19.
Removing foreign bodies from feed regulators of pressure fed hydraulic supply circuits. G. Wood. 2,536,896, Jan. 2.
Removing free phenol from tetra-aryl orthosilicate. T. Wiener. 2,555,721, June 5.
Removing gaseous and readily vaporizable materials from liquids, Method and apparatus for. B. D. Miller. 2,559,129, July 3.
Removing halogen from a halophenol. R. B. Thompson. 2,576,161, Nov. 27.
Removing inhibitors from drying oils. H. A. Vogel. 2,569,206, Sept. 25.
Removing mercaptans from hydrocarbons with alkali impregnated charcoal. H. M. Stine. 2,577,824, Dec. 11.
Removing metallic coatings, Composition for and process of. W. R. Meyer. 2,561,065, July 17.
Removing mineral oil from vegetable fibers. R. R. Oliver. 2,557,993, June 26.
Removing oil from filter cakes. F. L. Fourrier and J. Opryshek, Jr. 2,544,307, Mar. 6.
Removing scale. T. L. B. Webb. 2,556,128, June 5.
Removing scale from ferrous articles. C. B. Francis. 2,569,158, Sept. 25.
Removing scale from steel. J. A. Lotz. 2,559,445, July 3.
Removing skulls from metal receptacles. G. V. Slottman. 2,564,037, Aug. 14.
Removing solid polymeric material from process equipment. E. L. Utsinger. 2,563,085, Aug. 7.
Removing sulfate and bicarbonate ions from water. W. C. Bauman. 2,559,529, July 3.
Removing sulfur compounds and carbon monoxide from hydrogen. J. S. Beekley and W. E. Vail. 2,580,068, Dec. 25.
Removing suspended solids from liquids. N. B. Bach. 2,570,304, Oct. 9.
Removing synthetic resin coatings. L. Pessel. 2,563,417, Aug. 7.
Removing the crusts of the cooling elements of a continuously operating crystallizer, Method and apparatus for. L. Vahl. 2,570,612, Oct. 9.
Removing vesicant particles. E. L. Jackson. 2,540,119, Feb. 6.
Removing vesicant particles. J. S. Reichert and R. W. Peakes. 2,540,140, Feb. 6.
Removing yarn from yarn packages, Method and apparatus for. M. B. Coleman, Sr. 2,567,990, Sept. 18.
Rendering a fabric germicidal. I. L. Shechmeister. 2,544,732, Mar. 13.
Rendering apparatus. A. Nyrop. 2,551,042, May 1.
Rendering materials water-repellent. C. P. Haber. 2,553,314, May 15.
Rendering metal surfaces antiseptic and products therefrom. W. F. Ringk and S. K. Freeman. 2,574,225, Nov. 6.
Renewable drip ring and closure seat for concrete mixers. R. M. Henderson. 2,576,457, Nov. 27.
Repair adapter for threaded electrical terminals. R. R. Beezley. 2,540,606, Feb. 6.
Repair mold. J. C. Heintz. 2,566,797, Sept. 4.
Repair of pulpstones. N. F. Holter and W. F. Beth. 2,544,632, Mar. 6.
Repairing cracks in castings. G. E. Ingalls. 2,537,533, Jan. 9.
Repairing reheating furnace bottoms. J. H. Hyche. 2,564,009, Aug. 14.
Repeatedly ignitable composition rod. J. Ellenbogen. 2,545,076, Mar. 13.
Repeater in teleprinter switching system, Adaptable. P. J. Clemens. 2,557,943, June 26.
Repeater system, Electrical. T. O. McCarthy and W. W. Thomas. 2,544,710, Mar. 13.
Repeating, Method of and arrangement for, the reproduced text in automatic telephonographs. M. Handschin and K. Wagner. 2,537,406, Jan. 9.
Repellence of insects. C. E. Tissol and L. D. Goodhue. 2,572,577, Oct. 23.
Repellent compositions comprising thiocyanic acid salts of primary and secondary methylidene amines, Animal. F. D. Stewart. 2,547,722, Apr. 3.
Replaceable multiple unit fuse plug. W. T. Stanley. 2,579,624, Dec. 25.
Replacing deactivated hydrocarbon synthesis catalyst with fresh catalyst. A. H. Friedman. 2,573,559, Oct. 30.
Replenishing narrow-ware loom. R. A. Griefen and F. C. Mostertz. 2,579,491, Dec. 25.
Replenishing nickel plating electrolyte. E. J. Roehl and A. Wesley. 2,541,721, Feb. 13.
Reproducer having removable stylus assembly, Magnetic sound. N. C. Pickering. 2,543,127, Feb. 27.
Reproducer, Rotating magnetic. H. A. Howell. 2,539,837, Jan. 30.
Reproducing a direct current. H. Forssell. 2,573,255, Oct. 30.
Reproducing device having link means for producing high compliance in the direction of the stylus drag. R. F. Corbett. 2,549,757, Apr. 24.
Reproducing machine. D. R. Trinkle. 2,559,097, July 3.
Reproducing machine, Pattern. H. F. Dies. 2,565,914, Aug. 28.
Reproportionation of disulfides. W. A. Proell and C. E. Adams. 2,557,312, June 19.
Repulsion and attraction device, Magnetic. J. W. Everett. 2,555,791, June 5.
Rescue apparatus. L. B. Peltier, Jr. 2,553,207, May 15.
Rescuing device. R. J. Cutri. 2,557,079, June 19.
Reservation control apparatus. F. L. Wassell. 2,558,596, June 26.
Reservation system. E. M. S. McWhirter and H. J. Ward. 2,568,756, Sept. 25.
Reservoir and tank arrangement for hydraulic presses. W. Ernst. 2,576,584, Nov. 27.
Reservoir desk stand. L. P. Martin. 2,553,598–9, May 22.
Reservoir for embalming fluid. W. C. Sutherland, Jr. 2,558,279, June 26.
Reservoir for feeding automatic bottle-making machines operating by suction, Supplementary. C. H. A. Salgueiro dos Santos Gallo. 2,559,467, July 3.
Reservoir tubing cutter. J. P. O'Hagan. 2,563,483, Aug. 7.
Reset mechanism for pilot safety valves. R. J. Butterfield. 2,547,853, Apr. 3.
Reset valve. J. L. Ewing. 2,542,127, Feb. 20.
Reset valve. E. Paille. 2,556,337, June 12.
Resetting bowling pins. G. Humber. 2,566,987, Sept. 4.
Resetting current trip mechanism. J. G. M. Viti and J. L. Lappin. 2,542,736, Feb. 20.
Resetting device. H. H. Harada. 2,547,751, Apr. 3.
Resetting means for parking meters. M. Burton. Re. 23,338, Feb. 13.
Resilient batts, Making. W. H. Browne. 2,571,334, Oct. 16.
Resilient bulb controlled liquid-measuring dispenser. W. T. Mathis. 2,538,695, Jan. 16.
Resilient bush or bearing. M. Goldschmidt. 2,562,381, July 31.
Resilient car coupler support. K. E. Zeidler. 2,570,742, Oct. 9.
Resilient car wheel. G. B. Parsons. 2,569,617, Oct. 2.
Resilient clamp newspaper and magazine holder. R. L. Kelly. 2,559,822, July 10.
Resilient compressible fibrous product. A. Talalay. 2,574,849, Nov. 13.
Resilient drive coupling. L. S. King. 2,560,958, July 17.
Resilient electric socket contact element. S. T. Deakin. 2,575,161, Nov. 13.
Resilient expansible buckle mounting. L. H. Easlick. Re. 23,328, Jan. 16.
Resilient finger grip for thermometers. S. Falk. 2,579,376, Dec. 18.
Resilient motivating device. J. F. O'Brien and J. B. Cataldo. 2,561,405, July 24.
Resilient mounting. J. R. Bennett. 2,575,858, Nov. 20.
Resilient mounting. G. L. Meyers and J. E. Schriner. 2,557,610, June 19.
Resilient mounting. E. P. Neher. 2,571,281, Oct. 16.
Resilient roller. J. E. Moe. 2,572,276, Oct. 23.
Resilient seat. K. L. Emberson. 2,545,513, Mar. 20.
Resilient sheet metal detachable clip. C. W. Heath. 2,563,240, Aug. 7.

Resilient shoe flap connecting and fastening means. J. W. McHarry. 2,575,226, Nov. 13.
Resilient side bearing. E. H. Blattner. 2,571,190, Oct. 16.
Resilient side bearing. R. D. Bryan. 2,547,852, Apr. 3.
Resilient spring device. R. M. Bristol. 2,566,691, Sept. 4.
Resilient spring wire support. P. C. Forbes. 2,540,779, Feb. 6.
Resilient strip jar cap wrench. J. E. Horton. 2,554,410, May 22.
Resilient support for antifriction bearings. T. Watt. 2,572,411, Oct. 23.
Resilient vehicle wheel. G. M. McLean and D. K. McLean. 2,558,451, June 26.
Resilient work support for glass marking or cutting machines. F. G. Schwalbe. 2,577,486, Dec. 4.
Resiliently mounted operator's station for tractors. H. F. Bryan. 2,558,928, July 3.
Resiliently mounted seat. T. Brown and T. W. Paul. 2,536,418, Jan. 2.
Resin and process for its manufacture by condensation of a phenol, an alkyl aromatic hydrocarbon, and a polyenic hydrocarbon. H. S. Bloch. 2,558,812, July 3.
Resin bonded abrasive articles, Making. K. G. Ries and G. J. Goepfert. 2,559,665, July 10.
Resin-drying oil mixture, Preparation of. O. V. Tracy. 2,554,280, May 22.
Resin-forming reaction of phenol, aldehyde, and amine in presence of polyhalophenol. C. E. Gleim. 2,545,692, Mar. 20.
Resin melting. E. Klepetko. 2,546,364, Mar. 27.
Resin treatment of wool fabric. J. N. Dalton and W. B. Kaupin. 2,545,450, Mar. 20.
Resinifying hydroxyl formyl acetophenones, acetoxy benzaldehydes, and methoxy derivatives thereof. A. Russell. 2,579,759, Dec. 25.
Resinous acetals and producing and hydrolyzing the same to produce unsaturated aldehydes. J. W. Copenhaver. 2,543,312, Feb. 27.
Resinous aryl silicate-aldehyde reaction product and making same. A. Hirsch. 2,555,489, June 5.
Resinous compositions. F. J. Nagel. 2,542,048, Feb. 20.
Resinous compositions and making same. T.-J. Suen. 2,559,578, July 10.
Resinous compositions comprising a styrene isoolefin copolymer and a vinyl polymer. R. G. Newberg. 2,571,928, Oct. 16.
Resinous compositions from alkyl mercapto ethyl alcohols. J. Dazzi. 2,563,586, Aug. 7.
Resinous compositions from sulfones and formaldehyde, Production of new. E. M. Evans and H. T. Hookway. 2,543,237, Feb. 27.
Resinous compositions, Preparing. R. J. Signer. 2,574,893, Nov. 13.
Resinous copolymerization products. H. S. Bloch. 2,578,168, Dec. 11.
Resinous copolymers of castor oil-unsaturated dicarboxylic acid reaction products and polymerizable vinyl compounds. N. C. Foster. 2,550,114, Apr. 24.
Resinous esters, Depolymerized copal-like. W. Krumbhaar. 2,546,826, Mar. 27.
Resinous products from HF acid-soluble oils. L. C. Morris. 2,567,342, Sept. 11.
Resinous reaction product of an aromatic polyketone and a polysulfonamide and process. H. S. Bloch and R. B. Thompson. 2,557,935, June 26.
Resinous reaction product of aromatic amine and melamine-formaldehyde. R. Lindenfelser. 2,559,976, July 10.
Resins and making same, Fluorescent. R. C. Ackerman. 2,541,184, Feb. 13.
Resins containing isanic acid, Phenolic. M. De Groote and B. Keiser. 2,568,119, Sept. 18.
Resins from aldehydes and aromatic hydrocarbons, Manufacture of. T. G. Woolhouse and W. Lunn. 2,568,313, Sept. 18.
Resins from butadiene monoxide and from mixtures of butadiene monoxide and vinyl compounds, Production of. L. Schmerling. 2,570,601, Oct. 9.
Resins of turpentines and vinyl cyclohexene, Making. S. G. Burroughs. 2,568,216, Sept. 18.
Resistance element. C. H. Sparklin. 2,572,069, Oct. 23.
Resistance element. B. A. Warmey. 2,537,435, Jan. 9.
Resistance element and preparing same. R. C. Johnson and C. G. Westerberg. 2,559,077, July 3.
Resistance element for electric irons. C. H. Sparklin and P. J. More. 2,541,118, Feb. 13.
Resistance element for pyrometers. U. Lamm. 2,549,211, Apr. 17.
Resistance elements, Method and apparatus for making. B. A. Warmey. 2,537,434, Jan. 9.
Resistance measuring apparatus. K. W. Olson. 2,567,575, Sept. 11.
Resistance strain gauge potentiometer bridge circuit. R. Prescott. 2,569,949, Oct. 2.
Resistance strip. R. O. Launey, Jr. 2,557,790, June 19.
Resistance unit. W. M. Kohring. 2,537,061, Jan. 9.
Resistance welding and resistance weld testing. E. R. Spittler and I. W. Johnson. 2,577,163, Dec. 4.
Resistor. G. J. Mucher. 2,538,977, Jan. 23.
Resistor. G. J. Mucher. 2,557,793, June 19.
Resistor. L. L. Stoffel. 2,547,506, Apr. 3.
Resistor and making it, Silicon-germanium. J. R. Fisher and G. K. Teal. 2,552,626, May 15.
Resistor Ceramic. F. X. Sorg. 2,536,962, Jan. 2.
Resistor construction and insulator. A. P. Sieklucki and E. E. Kirkham. 2,537,796, Jan. 9.
Resistor, Hermetically sealed. F. D. Mitchell and D. M. O'Halloran. 2,547,405, Apr. 3.
Resistor structure and manufacture. D. T. Siegel. 2,557,571, June 19.
Resistor, Wire wound. G. C. Crowley. 2,548,591, Apr. 10.
Resistors and making them, Oxide. F. J. Morin. 2,552,640, May 15.
Resnatron anode with cooling means. D. H. Sloan. 2,557,700, June 19.
Resolution of lysine. R. D. Emmick. 2,556,907, June 12.
Resolution of N-formyl-dl-penicillamine. V. du Vigneaud and R. W. Holley. 2,543,358, Feb. 27.
Resolution of para-nitrobenzoyl-L-threonine. A. J. Zambito and E. E. Howe. 2,563,804, Aug. 14.
Resolver for gun sight. J. R. Moore. 2,547,654, Apr. 3.
Resolving emulsions. W. H. Kirkpatrick. 2,568,743, Sept. 25.
Resolving emulsions. W. H. Kirkpatrick. 2,572,868, Oct. 30.
Resolving emulsions. W. H. Kirkpatrick and E. T. Kocher. 2,568,739, Sept. 25.
Resolving emulsions. W. H. Kirkpatrick and D. L. Wilson. 2,568,738, Sept 25.
Resolving emulsions, Compositions and process for. W. H. Kirkpatrick and D. L. Wilson. 2,568,748, Sept. 25.
Resolving emulsions, Process and reagents for. T. B. Wayne. 2,547,188, Apr. 3.
Resolving petroleum emulsions, Process and compositions for. W. H. Kirkpatrick and E. T. Kocher. 2,568,741, Sept. 25
Resonant network system. R. Radom. 2,542,092, Feb. 20.
Resonator, Electrical. J. M. Wolf. 2,566,050, Aug. 28.
Resonator, High-frequency electrical. N. L. Harris and R. F. Proctor. 2,551,672, May 8.
Resonator structure. A. M. Gurewitsch. 2,579,315, Dec. 18.
Resonator with multiple electrodes. A. E. Bowen. 2,541,195, Feb. 13.
Resorcinol monobenzoate, Manufacturing. W. M. Gearhart, R. O. Hill, Jr., and M. H. Broyles. 2,571,703, Oct. 16.
Resorcinol recovery process. P. W. Oppenheimer and W. R. Cake. 2,579,122, Dec. 18.
Respirator. W. M. Folberth. 2,572,254, Oct. 23.
Respirator. J. D. Hill. 2,578,007, Dec. 11.
Respirator. F. H. Terhaar. 2,543,426, Feb. 27.
Respirator, Portable. F. T. Wallin. 2,572,787, Oct. 23.
Restarter for rotary impulse type motors. N. A. Croghan. 2,553,702, May 22.
Restaurant counter rack. P. J. Duginski. 2,541,467, Feb. 13.
Restraining device for toilet seat covers. S. J. Palmieri. 2,558,578, June 26.
Restraining wall decking. R. H. Ringrose. 2,566,748, Sept. 4.
Restricted butterfly valve. W. E. Houk. 2,577,657, Dec. 4.
Restricter. T. W. Kunzog. 2,576,610, Nov. 27.
Restrictor. A. R. Stephany. 2,564,287, Aug. 14.
Resuscitation apparatus. C. F. Eaton. 2,574,091, Nov. 6.
Resuscitation apparatus. J. H. Meuler. 2,566,351, Sept. 4.
Resuscitator. M. H. Goodner. 2,547,458, Apr. 3.
Resuscitator control means. L. G. Fox. 2,536,435, Jan. 2.
Retainer. A. F. Gattiker, Jr. and A. D. Karr. 2,579,382, Dec. 18.
Retainer and spacer for roller bearings. J. J. Rozner. 2,575,072, Nov. 13.
Retainer for clothes hangers. L. H. Schwarz. 2,570,075, Oct. 2.
Retainer for oscillating moistening roll shaft. E. J. Janke. 2,573,572, Oct. 30.
Retainer for shafts, pins and the like. H. Heimann and H. Wurzel. 2,558,704, June 26.
Retaining band for armatures. G. P. Lessmann. 2,565,139, Aug. 21.
Retaining cooking vessels on cooking ranges or stoves. E. E. Little. 2,565,694, Aug. 28.
Retaining device. D. P. Darwin. 2,548,874, Apr. 17.
Retaining device, Key. L. J. McKay. 2,568,081, Sept. 18.
Retaining means for industrial vehicles, Load. H. L. Voigt. 2,566,863, Sept. 4.
Retaining ring. J. J. Brell. 2,567,543, Sept. 11.
Retaining ring. R. Feitl. 2,577,319, Dec. 4.
Retaining ring. H. Heimann and H. K. Waldes. 2,547,263, Apr. 3.
Retaining ring assembly. H. Heimann and L. Brozek. 2,544,631, Mar. 6.
Retaining ring for instrument case glasses. E. H. Grauel. 2,568,124, Sept. 18.
Retardation guide on decimetric waves. H. Gutton and A. J. Ortusi. 2,573,012, Oct. 30.
Retarder, Bowling ball. R. I. Anderson. 2,566,109, Aug. 28.
Retarder control, Automatic. S. A. Meredith. 2,551,754, May 8.
Retarding yeast growth in sugar sirups. D. V. Wadsworth and W. L. Owen. 2,546,178, Mar. 27.
Rethreader and cleaner, Adjustable pipe and casing. P. D. Taylor. 2,543,945, Mar. 6.
Rethreading tool. R. J. Ireson. 2,565,372, Aug. 21.

Rethreading tool. R. Le Bron and W. R. Heck. 2,567,849, Sept. 11.
Reticle mount. A. B. Simmons. 2,537,917, Jan. 9.
Retort, including ring constructed tuyère means, Underfeed. P. C. Malmsten. 2,565,318, Aug. 21.
Retractable handle type closure lock. A. J. Leonard, Sr. 2,536,295, Jan. 2.
Retractable landing gear. J. M. Egly. 2,562,778, July 31.
Retractable landing gear. E. V. Misulis. 2,538,878, Jan. 23.
Retractable landing gear. E. C. Wells. 2,550,028, Apr. 24.
Retractable luggage carrier. J. D. Altemus. 2,562,686, July 31.
Retractable make-up applicator. C. A. Mureau. 2,578,084, Dec. 11.
Retractable office lamp. A. Mounique. 2,543,926, Mar. 6.
Retractable pilot for railway locomotives. A. M. Schieler. 2,573,224, Oct. 30.
Retractable stairs. D. E. Brelsford. 2,564,954, Aug. 21.
Retractable step. W. J. Crump. 2,575,615, Nov. 20.
Retractable step. J. Smid and E. L. Single. 2,568,093, Sept. 18.
Retractible side wall core barrel. J. H. Page. 2,577,625, Dec. 4.
Retractile articles, Making. R. Picard and A. Bonnet. 2,542,353, Feb. 20.
Retractile cord and making retractile cords. G. E. Henning. 2,573,439, Oct. 30.
Retractile roller assemblage. L. J. Edhlund. 2,559,856, July 10.
Retracting the cores from the electromagnets of a magnetic sound recording head. D. E. Ross and H. S. Heller. 2,538,981, Jan. 23.
Retracting the cores from the electromagnets of a sound recording head. D. E. Ross and H. S. Heller. 2,538,981, Jan. 23.
Retractor means for surgical use. H. S. Ivory and J. F. Loeffler. 2,541,516, Feb. 13.
Retrievable bridge plug. H. S. Brigham. 2,568,944, Sept. 25.
Retrievable drilling bit. E. T. Allen. 2,550,035, Apr. 24.
Retriever for submerged articles. R. C. Norris and C. A. Price. 2,539,548, Jan. 30.
Return spring. J. G. Oetzel. 2,556,976, June 12.
Re-usable container. L. W. Snyder. 2,544,283, Mar. 6.
Reverberation control of gain. P. B. Sebring. 2,566,858, Sept. 4.
Reverberatory furnace. J. L. Stroman. 2,562,441, July 31.
Reverse circulation rotary packer. B. R. Schabarum. 2,543,382, Feb. 27.
Reverse current cutout relay system. J. M. Marzolf. 2,556,204, June 12.
Reverse current responsive device. P. J. Reifschneider. 2,575,127, Nov. 13.
Reverse flow responsive automatic reverse modulation valve system. W. L. Knaus. 2,539,194, Jan. 23.
Reverse gear. T. L. Fawick. 2,561,104, July 17.
Reverse rotation check means. W. A. Williams. 2,543,482, Feb. 27.
Reversible electric switch. W. W. Turner. 2,573,514, Oct. 30.
Reversible gel composition comprising polyvinyl alcohol and preparation. C. E. Barnes and W. O. Ney, Jr. 2,576,820, Nov. 27.
Reversible motor control circuit. A. Drenkard, Jr. 2,562,303, July 31.
Reversible outboard motor. E. C. Kiekhaefer. 2,549,481, Apr. 17.
Reversible ratchet wrench. J. S. Dodge and D. Campanile. 2,570,779, Oct. 9.
Reversible rotary hydraulic coupling. S. G. Lundgren and E. O. Eriksson. 2,544,167, Mar. 6.
Reversible rotary pump. L. Shannon. 2,549,714, Apr. 17.
Reversible split-phase motor. J. L. Trant. 2,549,265, Apr. 17.
Reversible step motor. H. C. Lehde. 2,548,731, Apr. 10.
Reversible turbine type fluid coupling. H. O. Putt. 2,553,380, May 15.
Reversible turnout. J. B. Haskell. 2,550,654, Apr. 24.
Reversible variable-speed and variable-torque transmission mechanism. L. Pease. 2,560,126, July 10.
Reversible variable volume pump. J. W. F. Holl. 2,569,717, Oct. 2.
Reversing control for dynamoelectric machines. S. S. Wolff and S. Witt. 2,545,639, Mar. 20.
Reversing gear. T. Hindmarch. 2,560,865, July 17.
Reversing gear. W. Parrish. 2,547,038, Apr. 3.
Reversing flume mechanism for clothes wringers. S. I. Gabrielson. 2,578,417, Dec. 11.
Reversing magnetic amplifier control system. W. L. O. Graves. 2,571,708, Oct. 16.
Reversing motor control system. G. E. Shaad, H. B. La Roque, and R. B. Moore. 2,537,794, Jan. 9.
Reversing tapping head. M. A. Zimmerman. 2,538,548, Jan. 16.
Reversing transmission, Noninterlocking. G. W. Reitz. 2,549,932, Apr. 24.
Reversing valve. N. A. Christensen. 2,577,999, Dec. 11.
Reverting call circuit. J. D. Confeld. 2,574,532, Nov. 13.
Revertive calling party line system. A. Brown. 2,579,469, Dec. 25.
Revivification of desiccants. C. H. Lechthaler. 2,549,104, Apr. 17.
Revolution counter casing. L. E. Harper. 2,541,161, Feb. 13.
Revolution counting device with radio-active control. D. J. Allia. 2,566,868, Sept. 4.
Revolvable spool spinning reel. P. V. McCash. 2,561,935, July 24.
Revolver, Gas piston operated. R. Kauch. 2,560,292, July 10.
Revolving door. H. G. E. Nordin. 2,537,418, Jan. 9.
Revolving door. H. G. E. Nordin. 2,539,750, Jan. 30.
Rewind device, Two-speed. P. Baia. 2,555,671, June 5.
Rewind mechanism for film spools or reels. R. L. Townsend. 2,556,563, June 12.
Rheostat. S. R. Bell. 2,561,556, July 24.
Rheostat. S. L. Richman and A. Fitchman. 2,576,044, Nov. 20.
Rheostat, Electrolytic. V. H. Smith. 2,548,745, Apr. 10.
Rhodanine β-substituted propionic acid. T. L. Gresham and F. W. Shaver. 2,563,034, Aug. 7.
Rhodium plating. F. H. Reid. 2,577,364–5, Dec. 4.
Rib curving machine. R. N. Thompson. 2,569,266, Sept. 25.
Ribbed metal cross bridging. F. J. Musacchia. 2,565,875, Aug. 28.
Ribbon breaker for fluid driven yarn traverse mechanisms. R. F. Dyer. 2,571,694, Oct. 16.
Ribbon cable. J. Kruithof and M. Jochem. 2,559,642, July 10.
Ribbon feeding and rewinding mechanism for typewriting machines. W. P. Hazleton. 2,540,031, Jan. 30.
Ribbon holder. B. W. Braswell. 2,536,027, Jan. 2.
Ribbon spool tensioning means. W. H. Reid. 2,554,346, May 22.
Ribbon support for high fidelity electroacoustical sound transducers. R. K. Duncan. 2,552,311, May 8.
Ribbon, Twisted bow hair. I. V. Dolphin. 2,560,095, July 10.
Ribbon vibrating mechanism for typewriting and like machines. H. Betz. 2,541,191, Feb. 13.
Ribbons of plastic material, Method and apparatus for manufacturing. R. Colombo. 2,550,225, Apr. 24.
Riboflavin by fermentation, Production of. J. E. McClary. 2,537,148, Jan. 9.
Riboflavin-lactic acid condensation products. B. L. Maizel and I. Gerson. 2,578,710, Dec. 18.
Rider for hanging files. H. Fürrer. 2,538,361, Jan. 16.
Ridge or step grinder for internal-combustion engines. C. R. Merrill. 2,578,195, Dec. 11.
Riding ring for rotary cylinders. C. H. Patten. 2,543,595, Feb. 27.
Rifle construction. F. S. Taylor. 2,547,180, Apr. 3.
Rifle range, Miniature. W. Geiser. 2,566,607, Sept. 4.
Rifle, Semiautomatic. E. D. and G. E. Martin. 2,550,280, Apr. 24.
Rig, Consolidated. F. J. Young. 2,536,483, Jan. 2.
Right-angled welt. C. F. Batchelder, Jr., and L. Withington, Jr. 2,563,638, Aug. 7.
Rigid handle axle jack. J. H. Phenning. 2,550,163, Apr. 24.
Rigid joint between tubular structures. R. D. Malm. 2,575,965, Nov. 20.
Rim. C. W. Sinclair. 2,548,627, Apr. 10.
Rim for pneumatic tires, Separable. F. E. Gaines. 2,563,715, Aug. 7.
Ring: *See*—
Anticircumcision ring.
Centrifugally expansible valve ring.
Finger ring.
Game ring.
Holding ring.
Oil ring.
Packing ring.
Piston packing ring.
Piston ring.
Retaining ring.
Sealing ring.
Self-locking retaining ring.
Spinning and twister ring.
Spinning ring.
Steel piston ring.
Textile guide ring.
Ring. E. E. Evenson. 2,537,449, Jan. 9.
Ring and traveler for twister frames. J. R. Mulholland. Re. 23,402, Aug. 28.
Ring assembly, Spinning. E. R. Stahl. 2,565,578, Aug. 28.
Ring element, Antifriction. A. R. Trist. 2,539,287, Jan. 23.
Ring for annular combustion chambers, Liquid fuel and atomizing. W. L. Christensen. 2,543,762, Mar. 6.
Ring for protecting ground lights, Guard. F. H. Wyatt. 2,557,165, June 19.
Ring for rotary cylinders, Riding. C. H. Patten. 2,543,594–5, Feb. 27.
Ring for spinning machines, Variable-speed rotating. C. Pennati. 2,563,187, Aug. 7.
Ring form support. E. J. Bradley. 2,559,210, July 3.
Ring forming and applying machine. C. F. Jackson. 2,563,173, Aug. 7.
Ring meter. A. Laternser. 2,564,116, Aug. 14.
Ring pipe hanger. C. H. Kirk, Jr. 2,539,783, Jan. 30.
Ring sleeve, Threaded contractible. G. V. Woodling. 2,541,141, Feb. 13.
Ringtoss type game board. O. C. Simmons. 2,538,128, Jan. 16.
Ring twisting. C. J. Gonsalves. 2,539,950, Jan. 30.
Ring with a slide connector, Finger. J. Braunstein. 2,571,674, Oct. 16.
Ringer, Hog. C. L. Austin. 2,571,813, Oct. 16.
Ringer, Telephone. J. R. Power. 2,547,537, Apr. 3.
Ringing equipment for pulse modulation systems. G. P. Wennemer. 2,547,549, Apr. 3.

Ripper tooth for bulldozers, Adjustable. L. C. Peirce. 2,536,308, Jan. 2.
Ripple-free phase sensitive rectifier. R. F. Wild. 2,572,794, Oct. 23.
Riser type stadium chair. E. B. Morgan and R. W. Clay. 2,568,896, Sept. 25.
Rivet. E. E. Packard. 2,569,826, Oct. 2.
Rivet. R. G. Selden. 2,562,336, July 31.
Rivet. W. W. Singleton. 2,545,752, Mar. 20.
Rivet assembly. H. J. Keating. 2,536,623, Jan. 16.
Rivet assembly, Expansible. R. S. Colley and H. E. Wilt. 2,572,246, Oct. 23.
Rivet feeder. P. Van Sittert, M. J. Garrett, and J. H. Engeln. 2,540,604, Feb. 6.
Rivet feeding tool. L. Frank. 2,571,436, Oct. 16.
Rivet holder. D. Yellen and S. Moskowitz. 2,568,676, Sept. 18.
Rivet punch, Automatic. H. Weiss. 2,570,296, Oct. 9.
Rivet setting machine with fast snap-action rivet release mechanism. T. J. Doyle. 2,580,160, Dec. 25.
Rivet structure, Demountable. R. S. Colley. 2,562,018, July 24.
Rivet, Two-part. B. P. Cooper. 2,536,353, Jan. 2.
Rivet with self-locking mandrel. H. J. Keating. 2,546,602, Mar. 27.
Riveting and like machines with pressure limiting mechanism. A. R. Havener. 2,578,546, Dec. 11.
Riveting device. P. H. Irmischer. 2,568,338, Sept. 18.
Riveting device with pressure and striker elements. E. M. Arthur. 2,560,623, July 17.
Riveting machine. A. M. Thomas. 2,536,584, Jan. 2.
Riveting machine for car roof construction. G. T. Harcourt. 2,559,248, July 3.
Riveting tool. N. R. Anderson. 2,541,455, Feb. 13.
Roach trap. C. F. Nelson. 2,552,997, May 15.
Road engaging means for automobiles. A. J. Cawley. 2,541,860, Feb. 13.
Road form joint. O. L. Braun. 2,550,525, Apr. 24.
Road grader. J. G. Macdonald. 2,577,340, Dec. 4.
Road grader with tiltable wheels. E. C. Gledhill. 2,543,285, Feb. 27.
Road machine, Turntable. E. B. Snead. 2,544,113, Mar. 6.
Road marker. F. E. Ballew. 2,578,497, Dec. 11.
Road mixer and resurfacing machine, Bituminous. T. E. Lutz. 2,562,430, July 31.
Road rail. O. L. Braun. 2,577,996, Dec. 11.
Road roller. E. D. Ekenstam. 2,549,182, Apr. 17.
Road roller, Detachable. G. Hastings. 2,559,427, July 3.
Road sign. O. E. Bugh. 2,541,460, Feb. 13.
Road sign. T. H. R. Emmerson. 2,558,944, July 3.
Road surface treating machine. C. J. Heltzel. 2,571,876, Oct. 16.
Roadway with sound tracks and forming the tracks. F. J. Dofsen. 2,574,090, Nov. 6.
Roaster, Weiner. G. W. Johnson. 2,579,827, Dec. 25.
Roasting apparatus, Coffee. A. S. Torres. 2,572,678, Oct. 23.
Roasting device. A. Saunders. 2,549,019, Apr. 17.
Roasting machine. H. D. Kammins. 2,566,524, Sept. 4.
Roasting method. A. S. Torres. 2,572,679, Oct. 23.
Robot controlled limb. I. A. Goldman. 2,567,066, Sept. 4.
Rock crusher having contained rock screening and redirection means. F. D. Fogle. 2,555,879, June 5.
Rock drill. J. C. Curtis. 2,559,282, July 3.
Rock drill. J. C. Curtis. 2,572,840, Oct. 30.
Rock drill. J. D. Ditson. 2,575,619, Nov. 20.
Rock drill. C. F. Osgood and J. C. Curtis. 2,572,841, Oct. 30.
Rock drill. J. S. Robbins. 2,575,975, Nov. 20.
Rock drill bit having hard inserts forming cutting edges. J. A. S. Malherbe. 2,579,268, Dec. 18.
Rock plow or scarifier. A. W. Lindgren. 2,573,977, Nov. 6.
Rocker and swing, Combined. H. Sebel. 2,562,745, July 31.
Rocker arm. J. R. Winter, Jr. 2,578,638, Dec. 11.
Rocker arm construction. C. F. Bachle. 2,572,968, Oct. 30.
Rocker arm construction. J. R. Winter, Jr. 2,563,699, Aug. 7.
Rocker arm thrust bearing. C. N. Pitts and H. Shauger. 2,560,244, July 10.
Rocker crutch, Swiveling. K. G. A. Thunberg. 2,569,739, Oct. 2.
Rocker, Platform. E. R. Pickens. 2,565,574, Aug. 28.
Rocker punch and shear container opener, Combined. R. B. Davids. 2,553,176, May 15.
Rocking device for cribs. A. M. Militello. 2,543,043, Feb. 27.
Rocking type of drilling and tapping appliance for automatic lathes. A. Bechler. 2,568,785, Sept. 25.
Rocket launcher. F. C. Lindvall. 2,550,072, Apr. 24.
Rocket launcher. F. C. Lindvall and P. E. Lloyd. 2,568,455, Sept. 18.
Rocket launcher. E. C. Walker. 2,545,217, Mar. 13.
Rocket launcher, Self-propelled. M. J. Weber, Jr. 2,566,390, Sept. 4.
Rocket, Line-carrying. C. D., A. J., and C. Schermuly. 2,548,398, Apr. 10.
Rocket machine gun. E. Holloway. 2,546,823, Mar. 27.
Rocket projectile. G. J. Kessenich. 2,579,323, Dec. 18.
Rocket propulsion means for aircraft, Ducted. H. B. Grow. 2,547,936, Apr. 10.
Rod: *See*—
- Casting rod.
- Coated welding rod.
- Coil spring retaining rod.
- Curtain rod.
- Drivehead grounding rod.
- Fishing rod.
- Flexible winding rod.
- Fluxed solder rod.
- Fly casting rod.
- Folding ice fishing rod.
- Garment hanger rod.
- Lighted fishing rod.
- Repeatedly ignitable composition rod.
- Self-lubricating piston rod.
- Stadia rod.
- Survey rod.

Rod and a swivel coupling therefor, Sectional sewer. A. P. Kjerulff. 2,557,119, June 19.
Rod and making same, Electrical heating. G. R. Watson. 2,546,142, Mar. 27.
Rod assembly, Connecting. L. H. Femons. 2,548,296, Apr. 10.
Rod assembly for multicylinder reciprocating engines having two or more cylinders or rows of cylinders angularly displaced about a crank shaft, Connecting. B. W. Barlow. 2,552,662, May 15.
Rod assembly, Piston-connecting. R. W. Doeg. 2,552,310, May 8.
Rod carrier. A. Cooke. 2,536,797, Jan. 2.
Rod clamp. C. W. Joy. 2,574,107, Nov. 6.
Rod comprising bonded fibrous material and making same. N. W. Knewstubb and C. A. Robb. 2,558,855, July 3.
Rod construction, Ground. A. A. Hocher and R. G. Robbins. 2,537,463, Jan. 9.
Rod for the interior of vehicles, Suspension. R. C. Larson and R. A. Patterson. 2,569,678, Oct. 2.
Rod handle and fishing reel, Combined. E. P. Hurd. 2,559,433, July 3.
Rod holder. J. Z. Miller. 2,576,624, Nov. 27.
Rod packing. H. Callahan. 2,573,832, Nov. 6.
Rod packing for shock absorbers. M. Funkhouser. 2,574,209, Nov. 6.
Rod structure, Connecting. J. A. H. Barkeij. 2,536,711, Jan. 2.
Rod structure, True motion connecting. H. C. Hill. 2,540,882, Feb. 6.
Rod supporting means, Drape. F. X. Ganter. 2,549,448, Apr. 17.
Rod with adapter, Drill. J. B. Baker. 2,569,275, Sept. 25.
Rodless pump. J. C. Watson. 2,551,516, May 1.
Rods, Manufacturing connecting. W. A. and J. R. Parks. 2,553,935, May 22.
Rodent baiting station. G. W. Query. 2,568,168, Sept. 18.
Rodent repelling binder cord and making same. A. W. Ralston, J. P. Barrett, and E. W. Segebrecht. 2,578,595, Dec. 11.
Rodent trap. J. Golaszewski. 2,562,663, July 31.
Rodent trap. H. A. W. Petersen. 2,543,466, Feb. 27.
Rodent trap. R. R. Ross. 2,579,966, Dec. 25.
Rodent trap attachment. A. H. Evans. 2,563,324, Aug. 7.
Rodenticide composition. F. D. Smith. 2,554,756, May 29.
Rodenticide comprising fluoroacetphenylhydrazide. L. Karel and B. Witten. 2,572,867, Oct. 30.
Rodenticide comprising 4-aminopteroyl-glutamic acid. A. L. Franklin. 2,575,168, Nov. 13.
Roll. G. L. Snyder. 2,538,985, Jan. 23.
Roll compression assembly. T. R. Dunkerly. 2,563,224, Aug. 7.
Roll control. I. L. Ashkenas and T. A. Feeney. 2,549,044, Apr. 17.
Roll film camera attachment. W. C. Huebner. 2,574,392, Nov. 6.
Roll film developing tank. W. C. Ormond. 2,555,202, May 29.
Roll for corn pickers. H. D. Flora. 2,576,292, Nov. 27.
Roll for grading machines, Independent detector. H. W. Carnes. 2,548,346, Apr. 10.
Roll machine. A. T. Deutsch. 2,574,548, Nov. 13.
Roll machine, Parker House. R. D. Hall. 2,573,708, Nov. 6.
Roll mounting. B. Bannister. 2,574,773, Nov. 13.
Roll paper holder. C. B. Fowler. 2,540,436, Feb. 6.
Roll-rug display unit. K. R. Johnson. 2,561,376, July 24.
Roll-shear vibration isolation mounting. B. B. Whittam. 2,560,620, July 17.
Roll-stabilizing oscillating fin installation on ships. J. F. Allan. 2,550,752, May 1.
Roll structure. L. R. Steffens. 2,555,205, May 29.
Roll support device, Cloth. J. Rinne, E. H. Ashton, R. G. Mallard, and F. G. Lake. 2,564,342, Aug. 14.
Roll web terminal. J. E. McMullen. 2,553,928, May 22.
Roll with rubber inserts, Ribbed corn snapping. E. K. Karlsson. 2,569,175, Sept. 25.
Roller adjusting means for rotary duplicating machines. R. M. Ford and D. P. Crane. 2,563,403, Aug. 7.
Roller and harrow, Combined. E. B. Dewey. 2,545,265, Mar. 13.
Roller and track construction. N. F. Svendsen. 2,538,434, Jan. 16.
Roller assembly, Toothed. Y. Thomas. 2,537,802, Jan. 9.
Roller attachment for chairs. F. J. Placerean. 2,578,488, Dec. 11.
Roller bearing. J. W. Foley. 2,565,070, Aug. 21.
Roller bearing. F. Noe. 2,556,551, June 12.
Roller bearing. H. N. Parsons. 2,540,283, Feb. 6.
Roller bearing assembly and producing same. S. Smith. 2,567,242, Sept. 11.

Roller bearing cup spacer. R. M. Riblet. 2,554,957, May 29.
Roller bearing drawer guide. B. M. Baker. 2,574,162, Nov. 6.
Roller bearing for collapsible containers. P. Zalkind. 2,549,356, Apr. 17.
Roller bearing hotbox alarm. H. W. Faus. 2,543,161, Feb. 27.
Roller cam follower. B. B. Scott. 2,567,735, Sept. 11.
Roller coating machine. H. W. Faeber. 2,556,032, June 5.
Roller construction for roller skates, Wooden. G. M. Bloom. 2,572,835, Oct. 30.
Roller die. J. W. Offutt. 2,565,780, Aug. 28.
Roller foot, Tamping. E. T. Small. 2,541,007, Feb. 6.
Roller for applying paint, Self-dispensing. J. E. Liebelt and L. C. Pusey. 2,563,048, Aug. 7.
Roller for applying paints, Self-dispensing. J. E. Liebelt and L. C. Pusey. 2,563,049, Aug. 7.
Roller for belt conveyers. A. W. Duncan. 2,557,418, June 19.
Roller for massaging, Rubber. J. Folley. 2,547,115, Apr. 3.
Roller for moving heavy objects. P. B. Loomis. 2,541,928, Feb. 13.
Roller, Heated drying. H. Harrison. 2,541,416, Feb. 13.
Roller in circular weaving looms, Anticreep warp-lifting. J. Rabeux and R. Jacob. 2,544,766, Mar. 13.
Roller-jack for trucks, Load handling. L. W. Hebert. 2,567,335, Sept. 11.
Roller latch. D. M. Robinson. 2,541,720, Feb. 13.
Roller mechanism for use in watch movement escapes, Safety. J. G. Bishop. 2,542,178, Feb. 20.
Roller mill with pivoted roll support. C. J. Alciati and A. J. Andersen. 2,560,837, July 17.
Roller press. P. Diserens. 2,555,733, June 5.
Roller pressure bar for veneer lathes. W. J. Miller and A. C. Johnson. 2,562,868, July 31.
Roller screen. W. J. Starr. 2,579,159, Dec. 18.
Roller screen and housing therefor, Extensible. P. K. Nimkoff. 2,579,850, Dec. 25.
Roller, Second fold. F. A. Foster. 2,536,165, Jan. 2.
Roller skate truck construction. T. C. Glenn. 2,572,133, Oct. 23.
Roller thrust bearing. C. A. Ablett. 2,539,682–3, Jan. 30.
Roller type brake. F. Koch. 2,569,108, Sept. 25.
Roller-type window screen. J. Piva, Jr. 2,553,868, May 22.
Roller unit. A. W. Du Perret. 2,541,220, Feb. 13.
Roller with replaceable cylinder, Paint. C. R. MacKey. 2,545,700, Mar. 20.
Rolling chapel tent construction. C. M. Wickstrum. 2,575,572, Nov. 20.
Rolling colter provided with driving lugs. O. D. Lutes. 2,573,037, Oct. 30.
Rolling contact marking device with interchangeable marking rollers. G. E. Limberg. 2,562,557, July 31.
Rolling machine of the bridge type for the treatment of leather. J. Kadlečík. 2,546,544, Mar. 27.
Rolling mill. H. W. Nieman. 2,573,353, Oct. 30.
Rolling mill. J. M. O'Malley. 2,565,928, Aug. 28.
Rolling mill adjusting apparatus. G. Cozzo. 2,549,291, Apr. 17.
Rolling mill and lubrication method and means therefor. T. Sendzimir and J. E. Eckert. 2,566,679, Sept. 4.
Rolling mill bearing. J. M. O'Malley. 2,539,752, Jan. 30.
Rolling rocking chair. D. W. Booth. 2,541,955, Feb. 13.
Rongeur. T. O. Otto. 2,566,626, Sept. 4.
Röntgen tube. B. V. Valtersson. 2,559,136, July 3.
Roof and wall covering, Insulated. W. W. Westphal. 2,574,076, Nov. 6.
Roof construction. A. B. Hammitt and H. L. Birum, Jr. 2,577,581–2, Dec. 4.
Roof construction. H. S. Shannon. 2,541,784, Feb. 13.
Roof construction of buildings. C. W. Glover. 2,543,692, Feb. 27.
Roof cooling device. L. H. Holder. 2,554,409, May 22.
Roof crane, Collapsible. E. F. Maxeiner. 2,569,821, Oct. 2.
Roof drain, Floating. E. E. Michaels. 2,560,586, July 17.
Roof, Floating. J. W. Allen. 2,567,920, Sept. 18.
Roof, Floating. F. L. Goldsby and C. M. Orr. 2,541,049, Feb. 13.
Roof, Floating. C. M. Orr. 2,538,033, Jan. 16.
Roof, Floating. C. M. Orr and F. L. Goldsby. 2,538,032, Jan. 16.
Roof for open-hearth furnaces, Portable. J. A. McDonald. 2,550,078, Apr. 24.
Roof for the cockpits of aircraft, Removable. R. Saulnier. 2,539,331, Jan. 23.
Roof for vehicles, Sliding. W. H. Bishop. 2,550,323, Apr. 24.
Roof, Insulated. J. H. Goodwin. 2,552,092, May 8.
Roof, Lifter. C. M. Orr and F. L. Goldsby. 2,541,090, Feb. 13.
Roof of large span. H. M. Pont. 2,545,556, Mar. 20.
Roof planer, Power-operated. R. A. Knudson and J. H. Stoker. 2,576,607, Nov. 27.
Roof rail. J. N. Walters. 2,576,657, Nov. 27.
Roof structure. C. K. Agle. 2,548,758, Apr. 10.
Roof structure and the like. W. Hamilton. 2,536,174, Jan. 2.
Roof structure, Railway car. V. E. West. 2,565,710, Aug. 28.
Roof vent. S. R. Rubin. 2,563,753, Aug. 7.
Roofing. F. A. Sunderhauf. 2,568,469, Sept. 18.
Roofing and siding. J. B. Anthony. 2,568,603, Sept. 18.
Roofing and the manufacture thereof. G. A. Fasold and H. W. Greider. 2,555,401, June 5.
Roofing fastener. H. Abraham. 2,570,626, Oct. 9.
Roofing granules and asbestos-cement slabs and making same, Coated. G. R. Pole. 2,553,604, May 22.
Roofing material. H. B. Reed. 2,569,134, Sept. 25.
Roofing material and making same. M. C. Higgs. 2,553,413, May 15.
Roofing material, Flexible. T. H. Kashuba. 2,543,695, Feb. 27.
Roofing, Plastic coated. G. T. Kurtz and F. O. Groch, Jr. 2,548,029, Apr. 10.
Roofing or surfacing material. S. L. Eason. 2,552,159, May 8.
Room arrangement for sleeping cars. J. C. Lyon. 2,548,294, Apr. 10.
Room cooler. L. Yost. 2,551,227, May 1.
Room illuminator. R. P. Shaw. 2,572,957, Oct. 30.
Room occupancy indicator. S. H. Smith. 2,565,669, Aug. 28.
Room structure. O. A. Kuhler. 2,559,443, July 3.
Roost, Chicken. C. J. Ahrens. 2,579,355, Dec. 18.
Root pin for use in reinforcement inlays, cast crowns, and pivot teeth. O. Thau-Jensen. 2,536,669, Jan. 2.
Rope clamp. R. W. Siler. 2,564,036, Aug. 14.
Rope lock. C. A. Boyer. 2,547,370, Apr. 3.
Rope sling. H. Andersen. 2,569,912, Oct. 2.
Rope starter. H. Goldberg and M. D. Burrows. 2,563,719, Aug. 7.
Rope starter, Rewind type. P. E. Mack. 2,564,787, Aug. 21.
Rope, Wire. H. W. Riddle. 2,567,300, Sept. 11.
Rosin acid esters. H. Wittcoff and J. R. Roach. 2,572,086, Oct. 23.
Rosin amine treated natural cellulose fibers. J. M. Almand. 2,553,396, May 15.
Rosin modified maleic resins of enlarged molecular size. W. Krumbhaar. 2,555,042, May 29.
Rot-resistant insulated cable. H. C. Witthoft. 2,577,059, Dec. 4.
Rotameter. N. Brewer. 2,557,072, June 19.
Rotameter. V. P. Head. 2,552,552, May 15.
Rotary abrading tool. E. W. Hall. Re. 23,391, July 17.
Rotary abrading tool. E. W. Hall and A. S. Rock. 2,569,929, Oct. 2.
Rotary anode X-ray tube. A. H. Leighton. 2,549,614, Apr. 17.
Rotary atomizing liquid fuel burner. F. Pietri. 2,559,792, July 10.
Rotary basket dishwasher and liquid recirculating and straining means therefor. L. W. Benck. 2,564,186, Aug. 14.
Rotary beater, rock reducer, disintegrator, and mineral releasing machine with semiperforate drum and interior material lifting and impacted pockets. H. E. Cully. 2,542,482, Feb. 20.
Rotary beet lifter. J. P. Gomes. 2,563,030, Aug. 7.
Rotary can washer. W. S. Campbell. 2,558,818, July 3.
Rotary carving tool. W. E. Stowell. 2,569,874, Oct. 2.
Rotary chipper-knife mounting. P. N. Ottersland. 2,570,845, Oct. 9.
Rotary cleaning tool. F. J. Walters and H. B. Nelson. 2,548,923, Apr. 17.
Rotary contact modulator circuit. H. J. White. 2,561,897, July 24.
Rotary control mechanism. D. E. Albert. 2,539,386, Jan. 30.
Rotary cutter. D. D. Austin, Sr. 2,563,907, Aug. 14.
Rotary cutterhead with radically extended blade support. W. A. Sabo. 2,579,615, Dec. 25.
Rotary cutting tool. P. Valentine and J. Z. Lichtman. 2,556,240, June 12.
Rotary device. I. J. Hamilton. 2,549,083, Apr. 17.
Rotary disk hopper feed for cylindrical articles. M. D. Hopkins and A. Johnson. 2,571,576, Oct. 16.
Rotary displacement device. C. Bancroft. 2,544,480–1, Mar. 6.
Rotary displacement pump. G. Olah. 2,571,377, Oct. 16.
Rotary double cylinder depository. H. C. Behrens. 2,563,150, Aug. 7.
Rotary drier. C. E. Bill. 2,578,166, Dec. 11.
Rotary drill. M. L. Beeson and W. D. Sellers. 2,556,163, June 12.
Rotary drill. C. J. Esseling. 2,566,084, Aug. 28.
Rotary drill stabilizer. C. C. Brown and F. F. Waltermire. 2,572,307, Oct. 23.
Rotary drilled hole enlarger. J. Livingstone. 2,566,671, Sept. 4.
Rotary drilling rig. F. J. Young. 2,576,872, Nov. 27.
Rotary drum and shaft assembly. B. R. Winborn, Jr. 2,549,274, Apr. 17.
Rotary drum depository. H. C. Behrens. 2,548,338, Apr. 10.
Rotary drum drier. H. J. Stieger. 2,571,778, Oct. 16.
Rotary drum vacuum filter. T. R. Komline. 2,557,440, June 19.
Rotary electric switch. O. H. Hasselbaum. 2,546,744, Mar. 27.

Rotary electric switch. A. W. Krieger. 2,542,088, Feb. 20.
Rotary electric switch. M. Kurek. 2,569,177, Sept. 25.
Rotary electromagnetic transfer switch. H. E. Schleicher. 2,553,478, May 15.
Rotary engine. E. G. Barrett. 2,552,661, May 15.
Rotary engine. B. A. Carideo. 2,547,374, Apr. 3.
Rotary engine. O. J. Morris. 2,550,849, May 1.
Rotary extractor. W. R. Hofmann. 2,536,935, Jan. 2.
Rotary fastener. O. J. Poupitch. 2,580,319, Dec. 25.
Rotary feed continuous mixer. J. Marco. 2,538,465, Jan. 16.
Rotary feeder for concrete aggregate, Radial flow. R. R. Colburn. 2,565,546, Aug. 28.
Rotary fluid brake. B. B. Burckhalter. 2,573,831, Nov. 6.
Rotary fluid coupling. G. R. Spaleny. 2,574,129, Nov. 6.
Rotary fluid mechanism. A. E. Brown. 2,559,590, July 10.
Rotary fluid motor. G. D. Hunter. 2,536,938, Jan. 2.
Rotary fluid seal with O ring. S. A. Hastings and J. H. Thayer. 2,554,406, May 22.
Rotary fluid valve. J. B. Van Der Werff. 2,578,160, Dec. 11.
Rotary forced contact type air switch. M. Kuwayama. 2,551,271, May 1.
Rotary hand pump. E. W. Chapman. 2,541,405, Feb. 13.
Rotary hoe wheel. M. Brinson. 2,551,313, May 1.
Rotary hoe wheel. E. A. McCardell. 2,560,359, July 10.
Rotary hoe wheel. E. R. Simon. 2,559,232, July 3.
Rotary hook mechanism for sewing machines. C. H. Petskeyes. 2,548,815, Apr. 10.
Rotary hydraulic coupling. R. P. Clifton. 2,577,404, Dec. 4.
Rotary hydraulic expansible chamber motor. W. O'Dell. 2,555,363, June 5.
Rotary hydraulic swivel. L. W. Stahl and H. E. Young, Jr. 2,558,990, July 3.
Rotary hydraulic torque converter. R. T. Burnett. 2,580,072, Dec. 25.
Rotary hydraulic torque converter. J. Jandasek. 2,562,463, July 31.
Rotary hydrokinetic torque converter with cooling system. C. M. O'Leary. 2,558,976, July 3.
Rotary impact hand tool. O. E. Szekely. 2,544,736, Mar. 13.
Rotary internal-combustion engine. J. Yancy. 2,571,642, Oct. 16.
Rotary joint. A. Razdowitz. 2,557,140, June 19.
Rotary lath punch drive. E. Skillman. 2,561,826, July 24.
Rotary machine. N. N. Strâtveit. 2,538,598, Jan. 16.
Rotary machine of the alternating piston type. C. Bancroft. 2,553,954, May 22.
Rotary magnetic switch. H. E. Schleicher. 2,540,294, Feb. 6.
Rotary mechanism balanced for rotation about two non-parallel axes. E. W. Reynolds. 2,536,226, Jan. 2.
Rotary mixing valve. E. C. Bentsen. 2,546,423, Mar. 27.
Rotary motor. R. F. Smith and J. T. W. Moseley. 2,543,134, Feb. 27.
Rotary "O" ring seal for roll-necks. S. A. Hastings. 2,571,035, Oct. 9.
Rotary offset printing machine interrupter. E. J. Janke. 2,547,471, Apr. 3.
Rotary offset sheet perfecting press. H. A. Pritchard. 2,540,690, Feb. 6.
Rotary one-way clutch. L. T. Szady. 2,561,600, July 24.
Rotary piston pump. W. B. Esley. 2,576,175, Nov. 27.
Rotary plug valve. G. C. Long. 2,554,040, May 22.
Rotary plug valve. E. G. Schmidt. 2,567,032, Sept. 4.
Rotary pneumatic tool. F. P. Forss. 2,545,453, Mar. 20.
Rotary power generator. R. A. Weinhardt. 2,538,179, Jan. 16.
Rotary processing apparatus. A. I. Schloss. 2,537,792, Jan. 9.
Rotary pump. H. B. Adams and M. C. Peters. 2,556,313, June 12.
Rotary pump. V. R. Ebsary. 2,550,540, Apr. 24.
Rotary pump. J. P. Johnson. 2,537,349, Jan. 9.
Rotary pump. J. P. Johnson. 2,574,921, Nov. 13.
Rotary pump. N. Lamphere. 2,543,633, Feb. 27.
Rotary pump. J. C. Miller. 2,554,536, May 29.
Rotary pump. P. C. Tabbert. 2,540,767, Feb. 6.
Rotary pump. C. M. Zoll. 2,575,154, Nov. 13.
Rotary refiner. E. P. Arpin, Jr. 2,566,869, Sept. 4.
Rotary scraping device for cleaning surface pitted pipe. J. C. Johnson. 2,575,816, Nov. 20.
Rotary seal. C. W. Chillson and J. M. Mergen. 2,570,427, Oct. 9.
Rotary seal. W. Gilbert, Sr. 2,561,694, July 24.
Rotary seal. G. W. Reed. 2,555,932, June 5.
Rotary seal, Adjustable. H. F. Greiner. 2,567,809, Sept. 11.
Rotary seal, Nonleaking. J. J. Piros. 2,560,660, July 17.
Rotary sealer. J. M. Humphrey. 2,566,799, Sept. 4.
Rotary selective switch. E. A. Bryan. 2,568,050, Sept. 18.
Rotary shaft seal. W. Doble. 2,575,549, Nov. 20.
Rotary shelf cabinet. J. Bailey. 2,570,747, Oct. 9.
Rotary starting means for rotary engines with cartridge chamber and surplus gas releasing means. T. Clapham. 2,559,006, July 3.

Rotary step switch. A. F. Horlacher. 2,559,075, July 3.
Rotary stud. H. J. Murphy. 2,552,805, May 15.
Rotary switch. L. G. Barry. 2,577,225, Dec. 4.
Rotary-switch stopping circuit. C. Pappazoglu. 2,579,333, Dec. 18.
Rotary table. A. H. Bell. 2,574,614, Nov. 13.
Rotary table. V. L. Du Bois. 2,574,914, Nov. 13.
Rotary table and hydraulically operated slips, Combination. S. J. Mathews, Jr., V. C. H. Richardson, S. P. Hurley, and C. R. Reglin. 2,564,119, Aug. 14.
Rotary tool. W. G. Mitchell. 2,575,524, Nov. 20.
Rotary tool carrying tractor attachment device. M. Mabry. 2,580,110, Dec. 25.
Rotary turbine-type fluid coupling. A. M. Alexandrescu. 2,569,087, Sept. 25.
Rotary turbine-type fluid coupling. M. H. Blank and G. E. Nelson. 2,562,657, July 31.
Rotary turbine type fluid coupling. W. A. Duffield. 2,536,842, Jan. 2.
Rotary turbine type hydraulic coupling. D. S. Nowak. 2,574,492, Nov. 13.
Rotary turbine-type hydrokinetic coupling. R. C. Clerk. 2,570,768, Oct. 9.
Rotary valve. O. H. Banker. 2,562,255, July 31.
Rotary valve. L. E. Mylting. 2,538,320, Jan. 16.
Rotary valve. F. E. Runge. 2,539,636, Jan. 30.
Rotary vaporizing oil burner. N. B. Wales, Jr. 2,564,384, Aug. 14.
Rotary welding transformer structure. T. M. Hunter. 2,561,739, July 24.
Rotary well drilling bit. A. W. Kammerer. 2,545,035, Mar. 13.
Rotary wing aircraft. A. M. Thompson. 2,579,055, Dec. 18.
Rotatable bird, including rotatable wings, Ornamental. J. J. Wrazen. 2,545,801, Mar. 20.
Rotatable burner support. J. E. Chambers. 2,578,227, Dec. 11.
Rotatable dihedral protective enclosure for high-voltage appartus. F. W. Lewis. 2,565,314, Aug. 21.
Rotatable hollow-head debarker mounting flexible bark-removing elements. J. Åström. 2,576,912, Dec. 4.
Rotatable level. J. L. McMillan and E. W. Schroeder. 2,541,880. Feb. 13.
Rotatable seat. A. W. Bartholomew. 2,562,291, July 31.
Rotatable warning signal light. E. W. Gosswiller. 2,548,154, Apr. 10.
Rotatably released electric plug. H. F. Lindsay. 2,551,382, May 1.
Rotating atomizing cup burner. A. M. I. Hoogendam. 2,560,866, July 17.
Rotating automobile wheels. E. N. Forster. 2,557,867, June 19.
Rotating, feeding, and cooling means for combustion chambers. R. H. Goddard. 2,536,600, Jan. 2.
Rotating jet actuated apparatus for accelerating discharge and dispersion of snow and other material. E. R. Greer. 2,546,339, Mar. 27.
Rotating means for screw conveyer housings. E. P. Escher. 2,545,140, Mar. 13.
Rotating mixer bowls. I. Jepson. 2,552,972, May 15.
Rotating pedestal table. A. H. Payeur. 2,560,659, July 17.
Rotating pointer chance device. H. J. Harrison. 2,580,225, Dec. 25.
Rotation regulating device. R. Schwayder. 2,575,028, Nov. 13.
Rotator valve cap clearance checking tool. G. M. Graham. 2,562,784, July 31.
Rotor and rotor blade control apparatus for helicopters. W. Brzozowski. 2,560,682, July 17.
Rotor and stationary-chamber machine for crushing, mixing, or refining of liquids or semiliquids. V. S. Hintlian. 2,549,310, Apr. 17.
Rotor balancing means. V. L. Darnell. 2,558,737, July 3.
Rotor blade construction. W. L. Carnegie. 2,556,676, June 12.
Rotor blade construction. A. Schnitt. 2,580,363, Dec. 25.
Rotor blade, Folding. M. D. Buivid. 2,549,886, Apr. 24.
Rotor blade for rotary wing aircraft. C. F. Hodson and P. Morrey. 2,553,193, May 15.
Rotor blade mounting and control. C. M. Seibel. 2,575,533, Nov. 20.
Rotor blade retention of a bolted and cemented construction. M. E. Gluhareff. 2,568,230, Sept. 18.
Rotor brake. C. E. Tack and W. A. Helsten. 2,567,157, Sept. 4.
Rotor, Flexible. F. Rickerich, Jr., and N. J. Edge. 2,567,448, Sept. 11.
Rotor for dispersion machines. C. F. Eaton. 2,552,889, May 15.
Rotor for dynamoelectric machine. D. D. Hershberger. 2,579,318, Dec. 18.
Rotor for dynamoelectric machines, High-speed. T. W. Moore. 2,539,747, Jan. 30.
Rotor for engines, Continuous contact internal. M. F. and F. A. Hill, 2nd. 2,547,392, Apr. 3.
Rotor for flywheel magneto and magnet unit therefor. R. E. Phelon. 2,538,534, Jan. 16.
Rotor for manifold valves, Variable diameter. F. A. McDonald. 2,536,199, Jan. 2.

Rotor for synchronous induction motors. F. W. Merrill 2,543,639, Feb. 27.
Rotor impregnating machine. W. F. Bell. 2,561,092, July 17.
Rotor oar for boats, Manually operated. A. Graci. 2,578,535, Dec. 11.
Rotor shifter. R. P. Atkinson and J. N. Barney. 2,563,302, Aug. 7.
Rotor structure, Fluid cooled. P. Faber. 2,555,924, June 5.
Rotor system for helicopters, Jet-powered. I. B. Laskowitz. 2,552,008, May 8.
Roto-vibrator. J. U. F. Andersen. 2,574,082, Nov. 6.
Rouge, Liquid face. L. Silva. 2,578,210, Dec. 11.
Roughening device for bookbinding and covering machines. R. E. Ackley and A. J. Fiedler. 2,565,583, Aug. 28.
Roughing-up machine, Sole edge. P. Westberg. 2,544,870, Mar. 13.
Round cornered box. C. Bangert, Jr. 2,574,998, Nov. 13.
Rounding off and polishing the ends of thermoplastic brush bristles. R. Dangin. 2,554,777, May 29.
Roundabout, Horizontal axis. R. J. Doris. 2,537,399, Jan. 9.
Roundabout, Occupant propelled. D. C. McCray. 2,548,228, Apr. 10.
Roundabout, Occupant propelled. W. Rahning. 2,539,161, Jan. 23.
Roundabout, Occupant propelled. H. Sebel. 2,560,703, July 17.
Roundabout, Occupant propelled. G. Vlahov. 2,537,176, Jan. 9.
Roundabout, Occupant propelled. F. C. Wilson and C. C. Napolitan. 2,542,745, Feb. 20.
Roundabout, Vertical axis. G. W. Bergen. 2,546,917, Mar. 27.
Roundabout, Vertically undulating track. J. L. Jones. 2,541,586, Feb. 13.
Route circuit network control apparatus for railway signals. E. M. Allen. 2,580,150, Dec. 25.
Router. J. H. Godfrey and C. Powers. 2,562,143, July 24.
Rowing and steering device for boats. P. C. Tabbert. 2,548,407, Apr. 10.
Rowing apparatus, Slide-seat. N. J. Jewett. 2,557,972, June 26.
Rowing device. G. W. Anderson. 2,565,714, Aug. 28.
Rowing device. R. Lanning and C. Brougher. 2,536,451, Jan. 2.
Rowing device and oar assembly. J. Kosten. 2,554,708, May 29.
Rowing mechanism, Forward. O. Malcher. 2,569,245, Sept. 25.
Rubber and carbon black mixes directly from natural rubber latex. J. McGavack and C. E. Linscott. 2,560,235, July 10.
Rubber and preserving same, Vulcanized. T. H. Newby. 2,549,118, Apr. 17.
Rubber and producing the same, Crack-resistant. F. M. McMillan and D. E. Adelson. 2,564,404, Aug. 14.
Rubber antioxidants. A. S. Briggs and J. Haworth. 2,559,932, July 10.
Rubber articles, Manufacture of. R. O. Teston. 2,550,206, Apr. 24.
Rubber articles, Manufacture of. R. O. Teston. 2,574,719, Nov. 13.
Rubber coated steel belts, Method and machine for making. E. Mittelmann. 2,545,370, Mar. 13.
Rubber composition, Antisun-checking. W. B. Plummer. 2,561,671, July 24.
Rubber composition, vulcanizing same, and resulting product. B. C. Barton. 2,550,182, Apr. 24.
Rubber compositions containing a chlorinated wax and a metal carbonate, Flame resistant. W. C. Smith. 2,45,977, Mar. 20.
Rubber cushioning unit for shock absorbers. G. E. Dath. 2,553,636, May 22.
Rubber derivatives. J. D. D'Ianni. 2,571,345, Oct. 16.
Rubber dome for underwater sound. J. W. Fitzgerald. 2,575,339, Nov. 20.
Rubber drum for ball mills, pebble mills, and like machines. F. McIntyre. 2,542,778, Feb. 20.
Rubber hydrochloride film and making it, Nonfogging. C. M. Carson. 2,561,011, July 17.
Rubber insulated power cable. S. Bunish and H. C. Witthoft. 2,558,929, July 3.
Rubber latex, High solids synthetic. R. L. Bebb. 2,537,642, Jan. 9.
Rubber products, Production of. L. Harbison. 2,546,446, Mar. 27.
Rubber products, Production of. L. Harbison. 2,565,812, Aug. 28.
Rubber reinforcing pigment. A. Pechukas. 2,564,992, Aug. 21.
Rubber seal for hydraulic motors. C. L. Moushey and J. C. Hall. 2,540,903, Feb. 6.
Rubber shock absorbing means for railway draft riggings. G. E. Dath. 2,575,491, Nov. 20.
Rubber spring target trap. L. C. Sylvester. 2,540,303, Feb. 6.
Rubber stock, Compounded. A. Pechukas. 2,537,908, Jan. 9.
Rubber to fabric adhesion with mixture of latex and polyamine-polyacid condensation product adhesive. M W. Wilson. 2,570,895, Oct. 9.
Rubber traction member, Nonskid. D. E. Crooker. 2,540,044–5, Jan. 30.
Rubber vulcanization. G. E. P. Smith, Jr. 2,560,045, July 10.
Rubber working machine. F. E. Brown. 2,551,872, May 8.
Rubberized bituminous sealing joint. A. C. Fischer. 2,540,252, Feb. 6.
Rubberlike cured polyesters containing calcium silicate and producing same. D. W. Jayne, Jr., and H. M. Day. 2,577,618, Dec. 4.
Rubbery copolymer compositions. I. M. Colbeth. 2,537,036, Jan. 9.
Rubbery copolymer of butadiene and styrene plasticized with a furfural monoaryl hydrozone. J. C. Ambelang. 2,537,648, Jan. 9.
Rubbery mixture of butadiene-styrene copolymer and polybutadiene. D. C. Cline. 2,560,031, July 10.
Rubbing machine. H. R. Johnson. 2,548,979, Apr. 17.
Rubbing machine, Portable. S. A. Crosby and P. Zasadny. 2,545,942, Mar. 20.
Rudder and skeg arrangement for single screw vessels, Multiple. A. de Haan. 2,556,320, June 12.
Rudder for small boats, Reversing. F. R. Abbott. 2,544,642, Mar. 13.
Rudder for tailless airplanes. A. J. Klose. 2,559,823, July 10.
Rug and linoleum transfer car. K. F. Mickam. 2,536,561, Jan. 2.
Rug binding apparatus and method. T. M. Hartwell. 2,547,821, Apr. 3.
Rug making device, Hooked. J. A. Bolger. 2,578,038, Dec. 11.
Rug rolling device. C. P. Dyken. 2,573,188, Oct. 30.
Rug sizing device. G. R. and A. F. Moore. 2,563,544, Aug. 7.
Rug-washing machine, Self-propelled manually steered portable. P. P. Smith. 2,558,590, June 26.
Rule attachment. H. McCully. 2,549,503, Apr. 17.
Rule, Circular slide. K. H. Hachmuth. 2,544,224, Mar. 6.
Rule, Collapsible measuring. O. Greene. 2,555,741, June 5.
Rule, Dividend figuring slide. C. A. Steinkoenig. 2,572,531, Oct. 23.
Rule for indicating productivity of operator or machine and/or the quality level of a process, Slide. R. G. Bock. 2,563,512, Aug. 7.
Rule, Measuring. E. A. Ermold. 2,554,099, May 22.
Rule, Parallel. G. Sanchez. 2,573,611, Oct. 30.
Rule, Slide. D. L. Cole. 2,569,454, Oct. 2.
Rule, Slide. J. N. Nielsen. 2,575,288, Nov. 13.
Rule, Slide. C. Solomon. 2,569,202, Sept. 25.
Rule, Slide. J. Telasco. 2,564,616, Aug. 14.
Rule, Universal shrink. E. W. Mennie. 2,555,453, June 5.
Rule with flexible calibration-carrying element, Slide. R. Tarshis. 2,546,243, Mar. 27.
Ruler. W. Bowser, Jr. 2,562,348, July 31.
Ruler. T. J. Southern. 2,543,476, Feb. 27.
Ruler for measuring time of flight or distance on charts. P. R. Shipps. 2,554,449, May 22.
Ruler, Temple. J. E. Williams, Jr. 2,576,659, Nov. 27.
Ruling control system for recorders. T. D. Thad. 2,567,158, Sept. 4.
Ruling engine. J. D. Strong. 2,575,367, Nov. 20.
Runner for slide rules, Magnifying. P. E. Gaire. 2,556,806, June 12.
Running board and step for trucks. J. D. Russ and L. J. Spruill. 2,537,707, Jan. 9.
Running-time meter. H. Spencer. 2,551,179, May 1.
Runway marker light. K. F. Gausch. 2,560,432, July 10.
Rural mailbox supporting bracket. M. H. Zachrich. 2,552,915, May 15.
Rust inhibiting composition. A. H. Matuszak and J. W. Hand, Jr. 2,580,036, Dec. 25.
Rust inhibiting composition. J. C. Zimmer, G. W. Duncan, and C. E. Paxton. 2,560,202, July 10.
Rust-inhibiting compositions. J. W. Bishop. 2,574,954, Nov. 13.
Rust-inhibiting compositions. J. W. Bishop. 2,574,956, Nov. 13.
Ryanodine, Preparing. E. F. Rogers. 2,564,609–10, Aug. 14.
S-amidomethylidene dithiophosphoric acid triesters. E. O. Hook and P. H. Moss. 2,566,129, Aug. 28.
S-(4-thiazolylmethyl)-isothioureas. J. M. Sprague and A. H. Land. 2,548,746, Apr. 10.
Saccharin composition. F. E. Pilcher. 2,570,272, Oct. 9.
Sachet. H. Ryberg. 2,564,860, Aug. 21.
Sachet holder. F. Logue. 2,555,047, May 29.
Sack clothes drier. L. K. Moran. 2,573,214, Oct. 30.
Sacking device with pivotally mounted sack support. H. J. Schoon. 2,574,295, Nov. 6.
Sacrificial anode system for protecting metals in sea water. H. A. Robinson and H. A. Humble. 2,571,062, Oct. 9.
Sacroiliac spinal and visceral adjusting table. W. H. Buchanan. 2,565,019, Aug. 21.
Saddle, Cycle. H. E. Kalter. 2,548,726, Apr. 10.
Saddle for spinning frames. R. Rulon-Miller. 2,573,222, Oct. 30.
Saddle, Fowl mating. C. L. Neely. 2,553,864, May 22.
Saddle miter square. S. W. Wainwright. 2,542,169, Feb. 20.

Saddle mounting for bicycles and the like, Resilient. D. J. Ort. 2,562,679, July 31.
Saddle tank. W. H. Baerwald and A. A. Berg. 2,557,250, June 19.
Sadiron holder. C. R. Clark. 2,555,873, June 5.
Sadiron mechanism, Floating. E. E. Foster. 2,555,639, June 5.
Safe. C. B. Quinn. 2,566,370, Sept. 4.
Safe construction. R. W. Ledbetter. 2,576,232, Nov. 27.
Safe deposit box identifying means. W. R. Parvin. 2,575,767, Nov. 20.
Safe, Depository. W. F. Mosman. 2,562,632, July 31.
Safe load indicator. R. Hicks. 2,569,890, Oct. 2.
Safety barrier, Highway-railway crossing. R. N. Murphy. 2,553,780, May 22.
Safety box toe. W. W. Somersall. 2,565,051, Aug. 21.
Safety brake. N. W. Hayes. 2,539,538, Jan. 30.
Safety cable. S. Campbell. 2,540,426, Feb. 6.
Safety cigarette holder. J. Schroff. 2,541,837, Feb. 13.
Safety closure for liquid containers. E. C. Haatvedt. 2,543,107, Feb. 27.
Safety clutch. S. C. Heth. 2,573,140, Oct. 30.
Safety control and ignition system for fuel burners. R. C. Main. 2,564,851, Aug. 21.
Safety control and ignition system for fuel burners. R. C. Main. 2,572,500, Oct. 23.
Safety control equipment for fluid pressure brakes. A. T. Gorman. 2,558,842, July 3.
Safety control for gas stoves. F. L. Lade and E. G. Silverton. 2,563,944, Aug. 14.
Safety control for hydraulic brake systems. H. Pollard and C. W. Haggart. 2,539,970, Jan. 30.
Safety control for liquid-cooled devices. J. M. Andrews. 2,572,582, Oct. 23.
Safety control for machines. N. A. L. Guill and B. V. Malmberg. 2,545,549, Mar. 20.
Safety control for prime movers. S. L. Gillespie. 2,563,834, Aug. 14.
Safety control for rocker-arm welders. J. B. Welch. 2,573,124, Oct. 30.
Safety control gas burner system. J. T. Wilson. 2,538,222, Jan. 16.
Safety control means for timber setting machines. J. D. Russell. 2,570,383, Oct. 9.
Safety control mechanism. R. A. Dornbos and J. D. Feeney. 2,541,577, Feb. 13.
Safety control system for gaseous fuel burners. W. D. Hall. 2,542,666, Feb. 20.
Safety control system for heat appliances. D. F. Drow. 2,576,675, Nov. 27.
Safety control valve. H. C. Otis. 2,566,772–5, Sept. 4.
Safety covering, Infant's. F. Comyns. 2,554,325, May 22.
Safety cutout switch. E. F. De Roe. 2,540,246, Feb. 6.
Safety device. W. J. Fruechtel. 2,555,880, June 5.
Safety device. A. H. Maude. 2,554,496, May 29.
Safety device. J. S. Page. 2,564,171, Aug. 14.
Safety device. H. N. Simms. 2,548,744, Apr. 10.
Safety device. A. J. Smith and G. Raymond. 2,536,321, Jan. 2.
Safety device. M. O. Souza. 2,573,997, Nov. 6.
Safety device. D. J. White and J. W. Smith. 2,563,296, Aug. 7.
Safety device, Casing stripping machine. J. P. Wilger. 2,557,330, June 19.
Safety device for bathtubs. K. L. Hansen. 2,572,615, Oct. 23.
Safety device for beer tapping equipment. C. L. Churchman and C. S. Endress. 2,537,740, Jan. 9.
Safety device for catapulting passengers from aircraft. C. W. Musser. 2,541,087, Feb. 13.
Safety device for catching falling objects in well bores. J. M. Clark. 2,538,862, Jan. 23.
Safety device for chairs. J. R. C. Quilter. 2,557,313, June 19.
Safety device for drilling derricks. G. E. Kemnitz. 2,557,543, June 19.
Safety device for drilling rigs. J. H. Wilson. 2,564,457, Aug. 14.
Safety device for fluid brakes. D. R. Herriott. 2,563,168, Aug. 7.
Safety device for high chair trays. P. J. Keough. 2,552,720, May 15.
Safety device for hoist platforms. R. F. Warry. 2,560,500, July 10.
Safety device for hoists or lifts. C. J. Bristol. 2,550,764, May 1.
Safety device for hydraulic brakes. H. C. Whittaker. 2,549,351, Apr. 17.
Safety device for hydraulic brakes. D. L. Wise and A. R. King. 2,568,311, Sept. 18.
Safety device for internal-combustion and more especially diesel engines. L. A. Boe. 2,555,568, June 5.
Safety device for lifting and lowering apparatus. A. Martin. 2,550,839, May 1.
Safety device for machine operators. G. Anderson. 2,545,013, Mar. 13.
Safety device for machine tools. C. Larsen. 2,555,346, June 5.
Safety device for mine cages and the like. A. W. Lancaster. 2,561,060, July 17.
Safety device for mine cages, Automatic. C. J. King. 2,555,041, May 29.
Safety device for polish rod mountings of deep well pumps. G. E. Owen and H. L. Brendt. 2,577,479, Dec. 4.
Safety device for presses. F. E. McLane. 2,579,595, Dec. 25.
Safety device for pressure vessels. L. B. Smith. 2,571,961, Oct. 16.
Safety device for pressurized cabin doors. J. B. Castle. 2,577,697, Dec. 4.
Safety device for protecting the dead centers of machine tools. H. R. Bruet. 2,572,696, Oct. 23.
Safety device for rotated shafts. R. A. Ashton. 2,546,685, Mar. 27.
Safety device for rotative sustaining means. A. Gazda. 2,557,220, June 19.
Safety device for saws. E. Schutz. 2,562,396, July 31.
Safety device for skid chains, Emergency. G. Carlson. 2,555,470, June 5.
Safety device for tank valve systems. E. E. Jurs. 2,565,817, Aug. 28.
Safety device for television or radio receiving sets. G. L. St. Marie. 2,553,729, May 22.
Safety device for use with ladders. J. G. and J. B. Caduff. 2,553,438, May 15.
Safety device for vaporizer units. S. P. Jones. 2,555,411, June 5.
Safety device for vaporizers. O. Mitchell. 2,569,771, Oct. 2.
Safety device, Pressure cooker. H. A. Westby. 2,566,008, Aug. 28.
Safety drilling and fishing bumper sub. D. U. Shaffer. 2,568,256, Sept. 18.
Safety electrical receptacle. J. J. Sperrazza. 2,540,496, Feb. 6.
Safety equipment for jails, banks, and the like. G. Johnston. 2,578,556, Dec. 11.
Safety escape device. F. R. Wilson. 2,561,832, July 24.
Safety feed control device for oil burners. J. Dominic. 2,573,696, Nov. 6.
Safety flow control device. H. C. Otis. 2,566,776, Sept. 4.
Safety flush valve. W. J. Buford. 2,561,337, July 24.
Safety fuel system for heaters. G. W. Allen. 2,568,107, Sept. 18.
Safety gas shutoff. P. P., J. P. and F. P. Catalano. 2,565,421, Aug. 21.
Safety gas valve. J. P. Ashcraft. 2,562,289, July 31.
Safety head holder for head splitting machines. C. O. Schmidt, Jr. 2,549,937, Apr. 24.
Safety hook. C. K. Garrison. 2,561,017, July 17.
Safety hook. W. A. Wilson. 2,568,939, Sept. 25.
Safety inner tube. T. J. Rhodes. 2,564,607, Aug. 14.
Safety joint tool. C. R. Collins. 2,565,547, Aug. 28.
Safety latch. W. A. Smith. 2,579,621, Dec. 25.
Safety lock. D. Yachzel. 2,575,309, Nov. 13.
Safety match pack holder. R. H. Loether. 2,542,339, Feb. 20.
Safety means for hydraulic brakes. L. T. Jackson. 2,546,751, Mar. 27.
Safety means for unloading logging trucks while in transit. D. M. Van Vleet. 2,565,748, Aug. 28.
Safety mechanism. R. F. Manke. 2,564,267, Aug. 14.
Safety mechanism for centrifugal driers. G. A. Oberg. 2,573,595, Oct. 30.
Safety mechanism for firearms. W. C. Roemer and C. R. Lines. 2,551,166, May 1.
Safety overload clutch. R. E. Stutzke. 2,575,475, Nov. 20.
Safety pin. D. V. Bagnasco. 2,546,662, Mar. 27.
Safety pin. H. Burbig. 2,554,519, May 29.
Safety pin. C. Garber. 2,580,087, Dec. 25.
Safety pin. J. L. de Lyra. 2,576,449, Nov. 27.
Safety pin. W. H. Sneirson. 2,551,063, May 1.
Safety razor. O. Willhelm. 2,580,058, Dec. 25.
Safety receptacle. C. T. Von Holtz. 2,553,837, May 22.
Safety release cam. H. Geiger and N. H. Weber. 2,569,096, Sept. 25.
Safety scissors box. P. W. and I. T. King. 2,559,636, July 10.
Safety shutoff control system for gas burners. W. A. Ray. 2,566,372, Sept. 4.
Safety ski binding. M. H. Cubberley. 2,573,955, Nov. 6.
Safety stop mechanism for knitting machines. E. R. Harzer. 2,573,261, Oct. 30.
Safety stop mechanism for warp drawing-in machines. R. P. Drake. 2,553,851, May 22.
Safety switch. E. M. Warren. 2,540,974, Feb. 6.
Safety system for portable electrical apparatus. L. Storch. 2,554,598, May 29.
Safety system for tanks containing inflammable fluids. T. D. Whidden. 2,552,472, May 8.
Safety tool handle. G. L. Rock. 2,558,158, June 26.
Safety trip device for motors responsive to temperature, speed, and pressure. E. G. Eppens. 2,551,429, May 1.
Safety unit for automatic weapons. B. Guisasola. 2,563,721, Aug. 7.
Safety valve. C. F. Boyer. 2,542,387, Feb. 20.
Safety valve. T. W. Charest. 2,568,219, Sept. 18.
Safety valve. J. J. McKeague. 2,567,439, Sept. 11.
Safety valve. A. Perrault. 2,578,590, Dec. 11.
Safety wall plug. R. L. Juetten. 2,552,432, May 8.
Sagger pin. A. W. Liversage. 2,574,878, Nov. 13.
Sail and manufacture of same. D. W. Gardiner and W. W. Slater. 2,565,219, Aug. 21.

Sailboat with pivoted center fin. E. O. Hurst. 2,553,372, May 15.
Sail for sailing craft. H. H. Kersten. 2,569,318, Sept. 25.
Sailing craft. W. W. Wells-Coates. 2,561,253, July 17.
Salad oils and producing the same. S. Musher. 2,554,872, May 29.
Sales blank. H. Y. Brock, Jr. 2,546,584, Mar. 27.
Sales book holder. B. K. Slonneger. 2,564,082, Aug. 14.
Sales book holder. B. K. Slonneger. 2,568,563, Sept. 18.
Sales demonstrator for rotatable shelves. P. H. Frick. 2,545,455, Mar. 20.
Sales demonstrator for rotatable shelves, Foldable. P. H. Frick. 2,545,456, Mar. 20.
Salicylamide, Preparation of. W. R. Surine. 2,570,502, Oct. 9.
Saliva ejector. A. W. Ward. 2,574,135, Nov. 6.
Salt and pepper shaker with concentrically arranged compartments, Combination. R. C. Gray. 2,578,538, Dec. 11.
Salt bath, Self-agitating metallurgical. A. F. Holden. 2,537,830, Jan. 9.
Salt of p-chlorophenyl cyanamide and isopropylguanidine, Production of a. L. E. Bessot and P. Garet. 2,556,315, June 12.
Salt of penicillin, Antihistamine. A. P. Granatek. 2,569,666, Oct. 2.
Salt product. H. W. Diamond and F. G. Miller. 2,539,012, Jan. 23.
Salt spreading aparatus for attaching to road vehicles. F. Stevens. 2,557,704, June 19.
Salt, Vitamin coated. M. A. Searle. 2,550,726, May 1.
Salts of diethylstilbestrol di-(sulfoacetate) and the manufacture thereof, Water-soluble. R. Urban. 2,537,868, Jan. 9.
Salts of 3.6 endoxohexahydrophthalic acid. J. F. Olin. 2,550,494, Apr. 24.
Salts of weak acids, Manufacture of. W. W. Durant and C. B. Clark. 2,543,658, Feb. 27.
Salvage vessel. T. K. Jamison. 2,561,926, July 24.
Sample taker, Side wall. M. Mennecier. 2,558,452, June 26.
Sampler for highly radioactive substances. W. Q. Smith. 2,571,302, Oct. 16.
Sampling and gauging head for tanks. R. L. Sarjeant. 2,568,415, Sept. 18.
Sampling apparatus. S. C. Beesch. 2,566,306, Sept. 4.
Sampling apparatus. S. L. Handforth. 2,540,944, Feb. 6.
Sampling apparatus. J. C. Stokes. 2,557,925, June 26.
Sampling apparatus, Liquid. H. L. Blum. 2,548,193, Apr. 10.
Sand blast. R. P. Andersen. 2,553,625, May 22.
Sandblast apparatus. V. C. Arispe. 2,565,341, Aug. 21.
Sandblast gun. A. Jones, E. J. Kessels, and F. A. Ruggles. 2,577,465, Dec. 4.
Sand cone. C. Drigenko and J. D. B. Phipps. 2,564,963, Aug. 21.
Sand dispenser. B. S. Snow. 2,542,588, Feb. 20.
Sand dispenser. B. S. Snow. 2,561,148, July 17.
Sand distributor. J. Rome. 2,574,287, Nov. 6.
Sand drying apparatus. A. M. Cowburn. 2,574,911, Nov. 13.
Sand expansion indicator. J. C. Thoresen. 2,537,246, Jan. 9.
Sand feeder. R. L. Luce. 2,573,917, Nov. 6.
Sandpaper of improved durability having an adhesive bond which is predominantly water soluble. C. K. Heasley. 2,543,777, Mar. 6.
Sand plug or safety valve for wells. P. H. Granberry. 2,561,980, July 24.
Sand removing installation. P. Danel. 2,561,847, July 24.
Sand scrubbing device and method. A. O. Tomek and G. A. Rohlich. 2,538,340, Jan. 16.
Sand separator. R. A. Hill. 2,539,019, Jan. 23.
Sand separator. R. A. Hill. 2,566,662, Sept. 4.
Sand trap. L. A. Safford. 2,568,972, Sept. 25.
Sand treating apparatus. B. A. Smith. 2,556,486, June 12.
Sander. C. C. Bourdunis. 2,541,330, Feb. 13.
Sander. J. E. Guinn. 2,560,102, July 10.
Sander. C. D. Trussell. 2,555,946, June 5.
Sander. R. E. Vendien. 2,553,432, May 15.
Sander. J. G. Weigel. 2,546,245, Mar. 27.
Sander, Drum. D. F. Way. 2,565,286, Aug. 21.
Sander tool. H. T. Opland. 2,569,253, Sept. 25.
Sanding and buffing tool. E. C. Applegate. 2,577,498, Dec. 4.
Sanding device. W. Naken. 2,575,117, Nov. 13.
Sanding device for vehicles. A. P. Chalifoux. 2,538,234, Jan. 16.
Sanding machine, Leather. H. Thede. 2,573,936, Nov. 6.
Sanding tool. W. B. Hays. 2,553,254, May 15.
Sandal with tab-ended straps. M. Goldman. 2,554,823, May 29.
Sandal with vamp piece spaced above sole. C. G. G. Camero. 2,551,723, May 8.
Sandal having upstanding thong threaded through an instep strap. J. J. Walsh. 2,565,707, Aug. 28.
Sandwich spreader. A. S. Bettencourt. 2,539,225, Jan. 23.
Sanitary dental floss holder. J. E. Dembenski. 2,554,526, May 29.
Sanitary device. A. Johnson. 2,573,449, Oct. 30.
Sanitary garbage can. M. B. Cunningham. 2,573,548, Oct. 30.
Sanitary knife rack. K. W. Jeter, Sr and V. A. D. Shreiffler. 2,572,624, Oct. 23.
Sanitary napkin. K. J. Harwood and H. J. Le Dain. 2,564,689, Aug. 21.
Sanitary napkin support. H. G. Oellerich, Jr. 2,565,738, Aug. 28.
Sanitary neck protector. N. Caluthis. 2,544,487, Mar. 6.
Sanitary pad holder. C. Gemora. 2,571,357, Oct. 16.
Sanitary pad support. E. R. Sutter. 2,574,133, Nov. 6.
Sanitary products. H. Ganz. 2,566,325, Sept. 4.
Sanitary receptacle. E. T. Christopher and H. H. Herman. 2,551,315, May 1.
Sanitary storage cabinet. E. Dornbush. 2,558,939, July 3.
Sanitary swivel joint. P. J. Bily. 2,557,495, June 19.
Sanitary water cooler. S. O. Morrison. 2,554,417, May 22.
Sanitizing composition. C. Eagleson. 2,558,942, July 3.
Sash. C. M. Verhagen. 2,575,854, Nov. 20.
Sash and door holder, Revolving. H. Steckling. 2,569,620, Oct. 2.
Sash and screen, Combined storm. R. W. Gill. 2,539,827, Jan. 30.
Sash and screen, Storm. C. W. Adelt. 2,557,063, June 19.
Sash balance. E. E. Foster. 2,567,931, Sept. 18.
Sash balance mechanism. L. A. Macklanburg and H. B. Foresman. 2,540,746, Feb. 6.
Sash balancing mechanism. A. and L. de Vries. 2,577,953, Dec. 11.
Sash construction. E. Clerk. 2,575,655, Nov. 20.
Sash construction. C. M. Verhagen. 2,570,169, Oct. 2.
Sash construction. H. A. Schiessl. 2,561,142, July 17.
Sash frame. C. M. Kinghorn. 2,576,348, Nov. 27.
Sash hanger. P. L. Donovan. 2,554,403, May 22.
Sash lift. B. A. Quinn. 2,551,850, May 8.
Sash lock. C. J. Cantello. 2,560,274, July 10.
Sash lock. A. P. Couture. 2,574,961, Nov. 13.
Sash lock. P. L. Geer and H. H. Hall. 2,562,611, July 31.
Sash mounting. P. F. Gerken. 2,545,143, Mar. 13.
Sash mounting. H. G. Larson. 2,554,862, May 29.
Saturable reactor arc prevention circuit. B. D. Bedford. 2,547,614, Apr. 3.
Saturable reactor impedance relay. F. Dahlgren. 2,573,249, Oct. 30.
Saturable reactor type regulator. R. L. Jaeschke. 2,551,839, May 8.
Saturated aldehydes from unsaturated alcohols by means of metal carbonyls, Preparation of. R. T. Olsen. 2,548,171, Apr. 10.
Saturated hydrocarbon materials, Manufacture of. C. J. Engle. 2,564,964, Aug. 21.
Saturated sulfur-containing heterocyclic compounds, Preparation of. D. Harman and W. E. Vaughan. 2,562,145, July 24.
Saturating composition for impregnating glass fiber sheet material. R. H. Cubberley and W. R. Hartmann. 2,564,882, Aug. 21.
Saucepan holder. P. E. Mailland. 2,561,806, July 24.
Saucer. B. F. Holeman. 2,536,936, Jan. 2.
Saucer. W. H. Martin. 2,550,075, Apr. 24.
Saucer. P. Roettinger and P. Roettinger, Jr. 2,569,074, Sept. 25.
Sausage forming machine. F. A. Hedwall. 2,542,673, Feb. 20.
Saw. W. Grupp. 2,559,355, July 3.
Saw. L. F. Ronan. 2,568,870, Sept. 25.
Saw, Adjustable traveling power-operated table. L. R. Young. 2,548,279, Apr. 10.
Saw and grinder attachment for drill presses. V. V. Long. 2,555,048, May 29.
Saw and sander, Power. E. H. Lillquist. 2,553,924, May 22.
Saw and the like, Pneumatic. R. D. Von Seggern. 2,555,018, May 29.
Saw attachment for farm tractors, Timber-mowing. R. C. Way. 2,575,696, Nov. 20.
Saw attachment for tractors, Tree-felling and log-cutting. G. A. Goodlet. 2,560,641, July 17.
Saw attachment to table saw, Scroll. H. F. Gray. 2,540,329, Feb. 6.
Saw blade. V. Cesaroni. 2,579,728, Dec. 25.
Saw blade construction. J. L. Haycock. 2,546,503, Mar. 27.
Saw blade holder. S. Rogers. 2,575,296, Nov. 13.
Saw blade structure. J. L. Haycock. 2,565,814, Aug. 28.
Saw carriage and brake. C. C. Bornholdt. 2,555,569, June 5.
Saw chain. E. D. Garrett. 2,558,678, June 26.
Saw chain. R. E. F. Johanson. 2,565,502, Aug. 28.
Saw, Flush cutting portable power-driven. B. L. Skinner. 2,566,778, Sept. 4.
Saw for tractors, Cutoff. C. R. Carr. 2,577,448, Dec. 4.
Saw frame. R. D. Clemson. 2,553,300, May 15.
Saw gauge. L. C. Hammond. 2,576,340, Nov. 27.
Saw guard, Circular. M. C. Evans. 2,572,326, Oct. 23.
Saw having vibration damping means, Circular. I. Sneva. 2,563,559, Aug. 7.
Sawhorse and workbench, Clamping. R. B. Fleming. 2,541,508, Feb. 13.
Sawhorse, Collapsible. E. S. Garibaldi. 2,544,989, Mar. 13.
Saw hub and arbor, Inclinable. I. Spector. 2,547,418, Apr. 3.

Saw, Insert segment. H. J. Fullerton. 2,544,920, Mar. 13.
Saw, Log bucking chain. W. H. Rathert and C. A. Wilson. 2,549,236, Apr. 17.
Saw machine, Automatic raising and lowering traveling. L. L. Grant. 2,536,437, Jan. 2.
Saw machine, Band. M. J. Radecki and J. A. Krolikowski. 2,549,384, Apr. 17.
Saw, Masonry. M. E. McGrath. 2,557,672, June 19.
Sawmill drive. W. C. Davis. 2,543,278, Feb. 27 .
Sawmill hydraulic carriage assembly. G. E. Zweifel and D. H. Bookhultz. 2,569,842, Oct. 2.
Sawmill, Portable. G. A. Johnson. 2,574,974, Nov. 13.
Saw, Mobile circular tree. R. G. Le Tourneau. 2,538,371, Jan. 16.
Saw, Multiple purpose radial. H. Dick, Jr. 2,559,283, July 3.
Saw package. T. E. Carr. 2,560,383, July 10.
Saw, Portable adjustable traversable-boom tree. R. G. Le Tourneau. 2,566,088, Aug. 28.
Saw, Portable mechanical. P. Marcerou. 2,570,700, Oct. 9.
Saw, Portable motor operated hand scroll. J. L. Bechtold. 2,547,922, Apr. 10.
Saw, Portable power. T. S. Briskin. 2,543,486, Feb. 27.
Saw, Portable power-driven. D. V. Woodward. 2,537,501, Jan. 9.
Saw, Portable power-driven hack. C. Cooper. 2,568,791, Sept. 25.
Saw, Power-driven pruning. G. A. Tuttle. 2,555,428, June 5.
Saw, Power-operated hack. A. M. Roberts. 2,563,069, Aug. 7.
Saw, Reciprocating blade wood. C. E. Jenkins. 2,573,573, Oct. 30.
Saw, Rim driven circular. A. P. Smith. 2,572,065, Oct. 23.
Saw, Rotary. L. H. Metzger. 2,540,793, Feb. 6.
Saw set for bucksaw blades. E. A. Hyvonen. 2,559,359, July 3.
Saw sharpener. C. Ruscitti and J. M. Barnes. 2,574,499, Nov. 13.
Saw, Straight-line swinging. H. V. Schwandt. 2,546,277, Mar. 27.
Saw table attachment for swivel saws. B. A. Fuller. 2,568,799, Sept. 25.
Saw table extension, Foldable. R. E. Young. 2,555,217, May 29.
Saw-tooth current generator. R. C. Moore and G. L. Carson. 2,536,853, Jan. 2.
Sawtooth current generator. K. Schlesinger. 2,554,924, May 29.
Saw-tooth current generator. K. Schlesinger. 2,579,014, Dec. 18.
Saw-tooth current oscillation generator. A. J. Bennett and L. Lax. 2,544,213, Mar. 6.
Sawtooth frequency modulator. J. R. Day. 2,566,826, Sept. 4.
Saw-tooth multivibrator circuit. F. H. Slaymaker and W. F. Meeker. 2,536,822, Jan. 2.
Sawtooth synchronizing circuits. B. Chance. 2,562,295, July 31.
Sawtooth voltage generator. E. C. Vestal, Jr. 2,547,987, Apr. 10.
Saw-tooth wave generator. L. D. Ellsworth and C. A. Washburn. 2,562,305, July 31.
Saw-tooth wave generator. K. Schlesinger. 2,554,925, May 29.
Saw tooth wave generator. S. I. Tourshou. 2,538,541, Jan. 16.
Saw, Tractor mounted brush. B. and H. H. Miller. 2,577,906, Dec. 11.
Saw, Tree and log. I. J. Rocklin. 2,571,385, Oct. 16.
Saw wiper system. W. Lasar. 2,572,938, Oct. 30.
Saw with detachable cutting edge. J. Miller, Sr. 2,546,947, Mar. 27.
Saw with rectilinear motion, Swing. W. D. Hunt and K. H. Woodbury. 2,551,130, May 1.
Saw, Work holding portable circular. P. Schildknecht. 2,573,991, Nov. 6.
Sawing and trimming machine, Printer's. J. Adrian. 2,574,901, Nov. 13.
Sawing apparatus, Curve cutting. H. M. Benge. 2,548,698, Apr. 10.
Sawing attachment for portable electric drills. J. O. Krause. 2,576,090, Nov. 27.
Sawing device operating through impact, Portable. P. Marcerou. 2,539,959, Jan. 30.
Sawing device, Radial arm type. A. N. Emmons. 2,556,137, June 5.
Sawing machine, Pulpwood chain. A. J. Johnson and F. D. McCormack. 2,554,989, May 29.
Sawing machine, Stone. C. A. Baker and B. Schechter. 2,557,251, June 19.
Saxophone. W. S. Bullock. 2,560,083, July 10.
Saxophone. F. E. Comer. 2,545,227, Mar. 13.
Saxophone. H. Sommaruga. 2,551,177, May 1.
Saxophone halter. N. C. Bates. 2,561,606, July 24.
Saxophone shield. H. W. Loney. 2,570,354, Oct. 9.
Scabbard. F. W. Moehle. 2,538,424, Jan. 16.
Scaffold. J. C. Rogghe. 2,549,638, Apr. 17.
Scaffold. T. G. Stinson. 2,541,556, Feb. 13.
Scaffold, Adjustable. A. J. Borgman. 2,556,611, June 12.
Scaffold base. Adjustable. T. C. North. 2,575,461, Nov. 20.
Scaffold bracket. W. T. Yoshimoto, Sr. 2,573,086, Oct. 30.
Scaffold carriage, Vertically adjustable. R. Boedecker. 2,569,653, Oct. 2.
Scaffold pole, Safety. H. H. Clark. 2,578,228, Dec. 11.
Scaffold, Self-sustaining. R. K. Squire. 2,561,599, July 24.
Scaffold, Sidewalk bridge. T. C. North. 2,546,676, Mar. 27.
Scaffold structure. R. G. Brownstein. 2,555,782, June 5.
Scaffold supporting structure. R. E. Pierson and C. W. Herwig. 2,577,979, Dec. 11.
Scaffold, Vertical lift. R. J. Laaback. 2,563,682, Aug. 7.
Scaffold winch. J. M. Benson. 2,552,928, May 15.
Scaffold winch. R. H. and H. R. Benson. 2,553,031, May 15.
Scaffold, Winch operated vertically adjustable. J. Jindrich. 2,548,265, Apr. 10.
Scaffold, Window. S. M. Moats. 2,560,122–3, July 10.
Scaffolding, Adjustable. J. M. Lane. 2,549,212, Apr. 17.
Scaffolding connection. A. Howie. 2,576,400, Nov. 27.
Scaffolding device. F. A. Yench. 2,578,119, Dec. 11.
Scale. V. E. Gleasman. 2,579,664, Dec. 25.
Scale assembly with dial plate positioned by wave band switch. M. Leeuwin and J. C. A. Recourt. 2,553,053, May 15.
Scale, Buoyancy. B. G. and K. H. Lange. 2,544,032, Mar. 6.
Scale, Computing. O. Malcher. 2,538,256, Jan. 16.
Scale, Computing spring. E. C. Karp. 2,565,431, Aug. 21.
Scale, Flexure plate. M. A. Weckerly. 2,545,908, Mar. 20.
Scale, Folding counting. N. E. Cousineau. 2,539,570, Jan. 30.
Scale for determining mass distributions, Weighing. W. G. Martin. 2,576,468, Nov. 27.
Scale for electrical measuring instruments, Multiple. R. Simpson and H. A. Bernreuter. 2,558,276, June 26.
Scale for tightening corn planter wires. D. F. Christoffer. 2,570,321, Oct. 9.
Scale holding device, Adjustable. L. B. Kravetz. 2,546,825, Mar. 27.
Scale, Hole center. R. W. McCusker. 2,537,473, Jan. 9.
Scale, Hydraulic. O. J. Alvarez. 2,577,100, Dec. 4.
Scale, Hydraulic weighing. L. S. Williams. 2,549,273, Apr. 17.
Scale, Hydrostatic weighing. A. F. Jackson. 2,545,923, Mar. 20.
Scale, Illuminated polarized instrument. G. V. Rylsky and F. W. Schule. 2,552,383, May 8.
Scale, Letter. H. P. Stewart. 2,565,277, Aug. 21.
Scale, Lever-balance weighing. R. L. J. Body. 2,540,386, Feb. 6.
Scale, Pendulum. R. M. Bowman. 2,536,154, Jan. 2.
Scale, Ratio. D. K. Crook. 2,557,944, June 26.
Scale, Recording. L. A. Nicaise. 2,544,038, Mar. 6.
Scale, Recording. L. D. Singleton. 2,577,820, Dec. 11.
Scale, Recording weight and price. J. A. Volk. 2,549,752, Apr. 17.
Scale sealing means. J. L. Cunningham. 2,541,862, Feb. 13.
Scale, Track. H. Mayer. 2,543,794, Mar. 6.
Scale, Weighing. N. E. Hart. 2,559,566, July 3.
Scale, Weighing. A. J. Kauffman. 2,541,365, Feb. 13.
Scale with tare setting means, Pendulum weighing. L. S. Williams. 2,558,162, June 26.
Scaler, Deck. L. E. Briese. 2,553,435, May 15.
Scaler, Fish. J. Gabriel. 2,557,272, June 19.
Scaler, Fish. P. Sagers. 2,569,022, Sept. 25.
Scaler, Fish. H. C. Wegner. 2,538,435, Jan. 16.
Scaling machine for cleaning the sides of a ship. L. E. Briese. 2,543,348, Feb. 27.
Scalp-treating device. H. M. Avery. 2,569,795, Oct. 2.
Scanner for television, Kineto-optical. W. A. R. Malm. 2,543,463, Feb. 27.
Scanning apparatus for radar systems. H. K. Hudson and R. J. Marshall. 2,557,967, June 26.
Scanning circuit. E. L. C. White. 2,574,946, Nov. 13.
Scanning control system. A. V. Bedford. 2,559,492, July 3.
Scanning device, Color facsimile. A. N. Goldsmith. 2,548,783, Apr. 10.
Scanning in a television system, Interlaced. R. Jenkins. 2,548,219, Apr. 10.
Scanning of sound records. W. E. Germer. 2,575,445, Nov. 20.
Scanning system. D. Levine. 2,552,566, May 15.
Scanning system. M. N. Yardeny and A. Razdowitz. 2,554,080, May 22.
Scanning system for motion picture films. G. E. Sleeper, Jr. 2,560,994, July 17.
Scarfing apparatus. J. L. Anderson. 2,538,074, Jan. 16.
Scarfing apparatus. J. M. Tyrner. 2,568,938, Sept. 25.
Scarfing machine. J. M. Tyrner. 2,575,080, Nov. 13.
Scarfing metal slabs. J. L. Anderson. 2,555,527, June 5.
Scarificator. I. R. Morrison. 2,542,828, Feb. 20.
Scarifier. C. W. Kelsey. 2,560,352, July 10.
Scissor sharpener rest for wheel grinders. J. V. Amendola. 2,565,291, Aug. 21.
Scissor-type bumper jack. E. E. Broeker. 2,546,425, Mar. 27.
Scissors. R. D. Bennett. 2,568,605, Sept. 18.
Scissors. M. I. Metzger. 2,557,553, June 19.
Scissors, Circular. P. Radman. 2,548,392, Apr. 10.
Scissors, Electric. J. C. Clark. 2,562,773, July 31.

Scissors, Episiotomy. F. Haufrect. 2,568,234, Sept. 18.
Scissors, Notching. Y. H. and J. A. Musselwhite. 2,556,819, June 12.
Scissors, Novelty. J. V. Ferriot. 2,563,521, Aug. 7.
Scoop, Arm. C. E. Spang. 2,546,113, Mar. 20.
Scoop, Cable operated hauling. E. B. Maloon. 2,556,284, June 12.
Scoop control mechanism, Elevatable. E. B. and H. A. Wagner. 2,538,400, Jan. 16.
Scoop for lift trucks, Mobile. L. T. Graves. 2,553,530–1, May 15.
Scoop for stoker furnaces and the like. J. E. Annen. 2,547,846, Apr. 3.
Scoop, Grocer's. C. M. Dreher. 2,563,223, Aug. 7.
Scoop, Ice-cream. B. F. and E. E. Lawrence. 2,540,397, Feb. 6.
Scoop, Leaf. C. J. Claude. 2,545,226, Mar. 13.
Scoop mechanism for trucks. E. J. Abbe. 2,569,740, Oct. 2.
Scoop-shovel vehicle. E. B. Wagner. 2,548,084, Apr. 10.
Scoop, Wire. M. J. Smith. 2,551,978, May 8.
Scooter. C. G. Amendt. 2,546,711, Mar. 27.
Scooter starter unit. F. A. Elliott. 2,576,582, Nov. 27.
Scoreboard, Cribbage. A. G. Lupton. 2,560,583, July 17.
Scoreboard, Cribbage. L. G. Peterson. 2,572,277, Oct. 23.
Score-cut slitting mechanism. T. N. Carter. 2,541,913, Feb. 13.
Scoring device. O. H. Welch. 2,563,294, Aug. 7.
Scoring device, Bridge. J. E. Smith. 2,551,298, May 1.
Scoring device, Game. W. A. Curtis. 2,550,675, May 1.
Scoring device, Game. W. H. Scott. 2,549,248, Apr. 17.
Scoring device, Game. E. E. Stevenson. 2,537,430, Jan. 9.
Scoring implements, Producing. C. Herzog. 2,569,054, Sept. 25.
Scraper. B. B. Yanzito. 2,561,259, July 17.
Scraper and backfilling blade attachment for tractors. O. M. Hale. 2,566,562, Sept. 4.
Scraper and cutter, Combined. G. W. Moore. 2,578,896, Dec. 18.
Scraper apparatus for centrifugal evaporators. G. G. Zahm. 2,542,269–70, Feb. 20.
Scraper blade. G. G. McNamara, Jr. 2,573,921, Nov. 6.
Scraper blade and scarifier attachment for tractors, Combined. G. H. Bartlett. 2,566,547, Sept. 4.
Scraper bowl, Earth-moving. E. Bain. 2,558,531, June 26.
Scraper, Dump truck. E. R. Jones. 2,570,244, Oct. 9.
Scraper, Earth carrying. A. R. Henry. 2,568,627, Sept. 18.
Scraper for automobiles and the like, Foot. L. E. Lyster. 2,557,229, June 19.
Scraper, Four-wheeled carry. B. L. D. Lamy. 2,545,235, Mar. 13.
Scraper, Ice. S. Bert. 2,558,335, June 26.
Scraper, Meat block. W. S. Young. 2,546,577, Mar. 27.
Scraper, Rotary carry-type. M. A. Clark. 2,564,563, Aug. 14.
Scraper, Thermal. C. Frederick and F. Heflin. 2,536,844, Jan. 2.
Scraper, Tractor-drawn. C. H. Martin. 2,545,739, Mar. 20.
Scraper unit for endless moving surfaces. W. F. Spang. 2,549,718, Apr. 17.
Scraper, Windshield. J. Rojakovick. 2,536,311, Jan. 2.
Scraping, loading, and carry-off earth working machine. E. H. Lichtenberg. 2,573,720, Nov. 6.
Scraping machine. C. L. Posey. 2,545,827, Mar. 20.
Scraping machine, Bark. A. P. Savickas. 2,547,785, Apr. 3.
Screed for cement surfaces. R. G. Barnes. 2,542,979, Feb. 27.

Screen: *See*—
- Automatic screen.
- Automobile window screen.
- Chaff screen.
- Detachable window screen.
- Fireplace screen.
- Heat screen.
- Mechanical vibrating screen.
- Motor vehicle window screen.
- Outdoor projection screen.
- Portable projection screen.
- Portable tangent screen.
- Projecting screen.
- Pulp screen.
- Roller screen.
- Roller-type window screen.
- Stand-up flexible screen.
- Third dimension photographic projection screen.
- Variable filter screen.
- Vehicle window screen.
- Ventilator screen.
- Window roller screen.
- Window screen.

Screen and manufacture, Light transmission. J. A. Gibbons. 2,558,243, June 26.
Screen and slatted blind for windows, Combination. F. C. Ribley. 2,545,631, Mar. 20.
Screen and table, Collapsible combination. R. E. Ross. 2,549,242, Apr. 17.
Screen and table, Combined. N. W. Liebel. 2,549,379, Apr. 17.
Screen and window supporting device. M. L. Beaty. 2,565,014, Aug. 21.
Screen determiner, Half-tone. A. H. Gaebel. 2,559,915, July 10.
Screen equipment for windows. C. H. Mosebach. 2,573,590, Oct. 30.
Screen for aircraft gas turbines, Retractable air inlet. J. E. De Remer. 2,546,153, Mar. 27.
Screen for attachment to rearview mirror arms, Sun glare. C. A. Short, Sr. 2,549,395, Apr. 17.
Screen for directive radiation, Absorbing. S. B. Pickles. 2,538,035, Jan. 16.
Screen for eave troughs. C. H. Moller. 2,542,155, Feb. 20.
Screen for electron optical systems, Fluorescent color. E. G. Ramberg. 2,547,775, Apr. 3.
Screen for radio wave detection, Phosphorescent. B. A. Lengyel. 2,546,160, Mar. 27.
Screen for taking measurements from projections. T. Yonkler. 2,547,425, Apr. 3.
Screen for telephone mouthpieces, Auxiliary voice. I. Florman. 2,540,873, Feb. 6.
Screen for television projection. G. J. Siezen. 2,567,654, Sept. 11.
Screen for television projection. G. J. Siezen. 2,567,655, Sept. 11.
Screen for turbojet engines, Retractible air. T. N. Kelly. 2,555,592, June 5.
Screen frame. E. O. Spears and R. G. Clawitter. 2,577,379, Dec. 4.
Screen or guard, Fire. F. A. Guentz. 2,556,534, June 12.
Screen printing apparatus. H. R. Farwell. 2,540,326, Feb. 6.
Screen structure. T. L. Atkinson. 2,553,125, May 15.
Screen structure for hammer mills. C. A. Rietz. 2,543,599, Feb. 27.
Screen tension, Frameless. H. J. Blaser. 2,547,302, Apr. 3.
Screen Window structure. A. B. Fuhr. 2,575,266, Nov. 13.
Screen with lock joints, Wood. R. Kaspar. 2,561,206, July 17.
Screen with plastic warp, Sun. W. B. Ewing and J. J. Grebe. 2,547,632, Apr. 3.
Screen with removable panel. J. J. Meyer. 2,573,156, Oct. 30.
Screening apparatus. W. E. Koonce and C. F. Story. 2,572,869, Oct. 30.
Screening apparatus. G. H. Strain. 2,575,143, Nov. 13.
Screening apparatus, Paper stock. M. A. Glasco. 2,540,517, Feb. 6.
Screening method for blood glucose. E. Heftmann. 2,541,056, Feb. 13.
Screw adjustment, Differential. P. F. Ravilious. 2,565,628, Aug. 28.
Screw anchor adapter. C. W. Kandle. 2,569,528, Oct. 2.
Screw and bolt lock. C. V. Gutensohn. 2,562,032, July 24.
Screw and making same. R. A. Reich. 2,565,665, Aug. 28.
Screw and nut driving tool. L. Frank. 2,543,283, Feb. 27.
Screw and nut gearing. F. Turrettini. 2,564,180, Aug. 14.
Screw and nut mechanism. C. H. Engh. 2,543,100, Feb. 27.
Screw and nut mechanism. C. L. Shull. 2,578,608, Dec. 11.
Screw and nut transmission. C. C. Baldwin. 2,562,689, July 31.
Screw and push type double jar or container connector. E. M. Kirsch. 2,562,496, July 31.
Screw and washer assembly. E. C. Crowther. 2,537,575, Jan. 9.
Screw and washer assembly machine. W. C. Anderson. 2,578,217, Dec. 11.
Screw attachment for sausage stuffers. L. J. F. Ell. 2,572,917, Oct. 30.
Screw cap remover, Flexible strap. R. Hebden, Jr. 2,557,601, June 19.
Screw cap with locking means. L. S. Bell. 2,574,239, Nov. 6.
Screw clamp. L. Zimmermann. 2,555,386, June 5.
Screw compressor. C. O. J. Montelius. 2,578,196, Dec. 11.
Screw-cutting lathe. E. L. Ritter. 2,572,759, Oct. 23.
Screw driver. R. L. Bartlett. 2,567,466, Sept. 11.
Screw driver. L. Lewis. 2,536,191, Jan. 2.
Screw driver aligning tool. W. J. Lamb. 2,565,505, Aug. 28.
Screw driver and pickup tool, Screw holding. C. F. Schmarje and R. B. Law. 2,553,479, May 15.
Screw driver and wrench with screw head and nut gripping means, Combination. C. Nygaard. 2,566,673, Sept. 4.
Screw driver, Cam action. G. F. Crummey. 2,543,441, Feb. 27.
Screw driver, Expanding bit. G. Aitto. 2,560,912, July 17.
Screw driver, Expansible bit. C. O. MacLean. 2,556,395, June 12.
Screw driver, Folding. R. Marogg. 2,563,126, Aug. 7.
Screw driver having expandible bit portion. W. F. Wienholtz. 2,559,206, July 3.
Screw driver, Magnetic. F. G. Clark. 2,550,775, May 1.
Screw driver, Power. D. C. Ridge. 2,537,422, Jan. 9.
Screw driver, Power-operated. E. H. Shaff. 2,570,164, Oct. 2.
Screw driver, Power operated screw stick. W. G. Mitchell. 2,575,525, Nov. 20.
Screw driver, Power-operated semiautomatic. L. L. Krasnow. 2,544,165, Mar. 6.
Screw driver, Screw holding. A. U. Eslick. 2,574,026, Nov. 6.
Screw driver, Screw holding. R. E. Gearhart. 2,576,454, Nov. 27.

Screw driver, Screw holding. E. E. Longfellow. 2,579,438, Dec. 18.
Screw driver, Screw holding. F. O. Selseth. 2,575,473, Nov. 20.
Screw driver, Screw-holding. W. F. Thompson. 2,566,683, Sept. 4.
Screw driver, Screw holding. J. Wolny. 2,576,742, Nov. 27.
Screw driver, Screw holding. L. E. Young. 2,562,347, July 31.
Screw drivers, Manufacturing. C. M. Cambern. 2,537,029, Jan. 9.
Screw drivers, Manufacturing. C. M. Cambern. 2,565,948, Aug. 28.
Screw driving machine. T. J. Doyle. 2,554,732, May 29.
Screw feed. W. A. Brinkhurst. 2,556,572, June 12.
Screw for pulverulent or granular material, Feeding. J. Berthelot. 2,569,039, Sept. 25.
Screw having a slotted head and a driving tool therefor. M. Daderko, Sr., R. A. Lisella, and J. Daderko. 2,566,055, Aug. 28.
Screw insert. J. E. Quigley. 2,571,290, Oct. 16.
Screw machine. X. F. Castelli. 2,576,570, Nov. 27.
Screw or the like, Flush head. M. Lasky. 2,555,197, May 29.
Screw press. F. Burghauser. 2,565,947, Aug. 28.
Screw press for mixing and extruding plastic materials. R. Colombo. 2,543,894, Mar. 6.
Screw, Self-locking. A. Schneider. 2,555,662, June 5.
Screw, Self-locking. M. C. Turkish. 2,542,377, Feb. 20.
Screw, Socket head. G. H. J. Baule. 2,538,350, Jan. 16.
Screw, Socket head. D. V. Stellin. 2,556,155, June 5.
Screw, Speed. J. H. Stark. 2,542,722, Feb. 20.
Screw starting attachment for screw drivers. F. L. Hertig. 2,555,444, June 5.
Screw-thread and nut assembly. W. Hotine. 2,567,483, Sept. 11.
Screw thread gauge. R. S. Fox and F. J. Larson. 2,556,580, June 12.
Screw-thread rolling apparatus. H. Adcock. 2,554,166, May 22.
Screw-thread swaging tool. E. R. Evans. 2,556,174, June 12.
Screw thread tester. F. Short. 2,577,819, Dec. 11.
Screw-threaded insert. J. Rosan. 2,577,810, Dec. 11.
Screw-threading machine. K. Künzi. 2,559,775, July 10.
Screw vise for retaining regularly or irregularly shaped objects. S. E. W. Ohlsson. 2,541,605, Feb. 13.
Screwing and unscrewing tongs, particularly for drilling pipe joints. V. Edelberg. 2,566,561, Sept. 4.
Screws, Actuating. W. E. Skidmore, R. P. Person, and F. Terdina. 2,569,542, Oct. 2.
Screws and the like, Method and apparatus for making. J. H. Friedman. 2,568,439, Sept. 18.
Scriber. R. M. Cohen. 2,553,812, May 22.
Scrotum sleeve. W. P. Laser. 2,576,024, Nov. 20.
Scrubboard, Hand held. P. E. Weems. 2,544,406, Mar. 6.
Scrubber with lining and paddles of rubbery materials. R. C. Edwards. 2,578,180, Dec. 11.
Scrubbing device with removable brush assembly. O. J. Brown, Jr. 2,543,657, Feb. 27.
Scrubbing machine. R. C. Smith. 2,555,822, June 5.
Scuff pad for connection with piano pedals. I. F. Kult. 2,573,343, Oct. 30.
Scuff with foam rubber sole, Washable. F. B. Zacks. 2,563,092, Aug. 7.
Seal. J. Agger. 2,572,422, Oct. 23.
Seal. R. S. Bright. 2,556,133, June 5.
Seal. G. G. Canter. 2,554,520–1, May 29.
Seal. A. H. Edwards. 2,559,857, July 10.
Seal. L. G. Krug. 2,564,070, Aug. 14.
Seal. J. C. Monahan. 2,557,835, June 19.
Seal, All-weather doorsill. S. T. Oswald. 2,565,393, Aug. 21.
Seal and composition thereof, Glass-to-metal. H. R. Black. 2,564,950, Aug. 21.
Seal and making the seal, Glass-to-metal. J. B. Leuzarder, J. J. Aakjer, and W. J. Knochel. 2,561,061, July 17.
Seal and water inlet for charging and discharging chutes of truck mixers. K. Meisenburg. 2,545,485, Mar. 20.
Seal assembly. M. T. Works. 2,536,898, Jan. 2.
Seal assembly for flow control devices. J. R. Snyder. 2,548,128, Apr. 10.
Seal, Bag. P. P. Frysh. 2,544,452, Mar. 6.
Seal beam headlight adjuster. G. H. Russell and F. L. Rice. 2,557,893, June 19.
Seal, Bearing. I. W. Corder. 2,568,056, Sept. 18.
Seal, Car. R. Perrotta. 2,538,323, Jan. 16.
Seal, Coffee maker. I. Jepson. 2,544,324, Mar. 6.
Seal construction. N. S. Reynolds. 2,574,062, Nov. 6.
Seal, Fluid. T. H. Winkeljohn. 2,565,190, Aug. 21.
Seal, Fluid pressure. G. C. Hughes. 2,536,370, Jan. 2.
Seal for an auxiliary window frame and a main window sash. F. Gorell and P. D. Pozzi. 2,578,470, Dec. 11.
Seal for auxiliary filling nipples. T. C. Smith. 2,553,340, May 15.
Seal for bearings and the like. J. A. Carr. 2,554,488, May 29.
Seal for cased wells. R. R. Thompson. 2,550,027, Apr. 24.
Seal for centrifugal machines. F. H. Fletcher, Jr. 2,573,425, Oct. 30.
Seal for chucks or collets. H. A. Lundy. 2,557,301, June 19.
Seal for electric motors. G. R. Anderson. 2,541,906, Feb. 13.
Seal for engine starters. S. Gilbert. 2,538,866, Jan. 23.
Seal for exterior doors and windows, Weather. H. N. Baker. 2,549,284, Apr. 17.
Seal for flexible containers. E. S. Tupper. 2,578,864, Dec. 18.
Seal for floating roof tanks. F. L. Goldsby and C. M. Orr. 2,537,986, Jan. 16.
Seal for floating tank roofs, Secondary. J. H. Wiggins. 2,540,801, Feb. 6.
Seal for floating tank roofs, Side wall. J. H. Wiggins. 2,568,529, Sept. 18.
Seal for fluid containers. E. T. Armstrong. 2,571,817, Oct. 16.
Seal for oil lubricated bearings, Water. P. A. Fasoli. 2,541,645, Feb. 13.
Seal for refrigerated cabinets, Insulation. I. M. Wherry. 2,564,943, Aug. 21.
Seal for rotary fuel pumps. D. E. Lipfert. 2,558,970, July 3.
Seal in a coaxial cable, Glass to metal. M. Kühner. 2,551,611, May 8.
Seal, Journal box cover. C. D. Foss. 2,540,662, Feb. 6.
Seal opener. R. B. Callahan and R. R. Gripp. 2,566,653, Sept. 4.
Seal, Packing free oil. C. O'Daniel. 2,537,600, Jan. 9.
Seal, Piepan. E. W. Woolfolk. 2,552,702, May 15.
Seal, Protective. G. D. McCarthy and A. H. Edwards. 2,544,541, Mar. 6.
Seal, Rotary. F. Bottomley and J. B. Stevens. 2,565,675, Aug. 28.
Seal, Rotary fluid pressure. P. Kollsman. 2,536,292, Jan. 2.
Seal, Split. T. O. Kosatka. 2,558,183, June 26.
Seal structure. C. J. Blom. 2,550,667, May 1.
Seal with O ring, Rotary. F. E. Payne. 2,561,132, July 17.
Seal with O-ring, Self-contained mechanical. R. F. Miller. 2,549,112, Apr. 17.
Sealed channel protector for blind nuts. F. E. Snow. 2,572,401, Oct. 23.
Sealed in blinking mine car light. O. D. McNail. 2,540,341, Feb. 6.
Sealer, Paint can. H. D. Kors. 2,556,195, June 12.
Sealing agents. C. N. White. 2,570,892, Oct. 9.
Sealing and compensating means, Master cylinder. H. B. Schultz. 2,569,025, Sept. 25.
Sealing and testing of tubes by hydraulic or pneumatic means. C. W. Musser. 2,578,728, Dec. 18.
Sealing apparatus. J. A. Dieter. 2,568,794, Sept. 25.
Sealing apparatus for cathode-ray tubes. W. P. Melcher and H. H. Voelz. 2,573,266, Oct. 30.
Sealing apparatus, Heat. H. Rumsey, Jr. 2,564,611, Aug. 14.
Sealing apparatus, Metallic container. J. F. Barry. 2,538,496, Jan. 16.
Sealing apparatus, Tube. W. T. Rainey, Jr., and J. A. Krynitsky. 2,554,503, May 29.
Sealing assembly. L. G. Saywell. 2,575,132, Nov. 13.
Sealing bags. A. E. Almgren and J. P. Jakob. 2,539,390, Jan. 30.
Sealing cap releaser. G. D. Lazarevich. 2,557,830, June 19.
Sealing capillary tubes, Method and apparatus for. R. Koch. 2,538,571, Jan. 16.
Sealing closure. C. P. Krupp. 2,545,817, Mar. 20.
Sealing closure. C. P. Krupp. 2,557,827, June 19.
Sealing compound, Mastic. G. E. Kunkle. 2,551,952, May 8.
Sealing container. S. F Mackelduff. 2,563,542, Aug. 7.
Sealing device. A. M. Chambers, Jr., and G. R. Milligan. 2,555,675, June 5.
Sealing device. J. F. Joy. 2,549,818, Apr. 24.
Sealing device. G. F. Knowles. 2,555,139, May 29.
Sealing device. E. Peremi and H. Weimann. 2,569,386, Sept. 25.
Sealing device. H. L. Solie. 2,573,504, Oct. 30.
Sealing device. V. Synek. 2,538,987, Jan. 23.
Sealing device, Floating door bottom. K. O. Pietrushak. 2,555,244, May 29.
Sealing device for centrifugal separators. G. H. Anderson and H. W. Thylefors. 2,536,793, Jan. 2.
Sealing device for dry cells. G. B. Ellis. 2,575,337, Nov. 20.
Sealing device for heat-sealing machines of the thermal impulse type. N. Langer. 2,574,095, Nov. 6.
Sealing device for rotating shafts of machinery. J. Brown. 2,536,623, Jan. 2.
Sealing device for the doors of coke ovens. J. C. Fourmanoit. 2,579,917, Dec. 25.
Sealing device having interbonded rigid and flexible molded portions. O. E. Hosford. 2,538,198, Jan. 16.
Sealing device, Mine car. R. E. Jones. 2,567,604, Sept. 11.
Sealing door. L. Spraragen. 2,560,308, July 10.
Sealing end closures to containers. R. S. Condon. 2,576,446, Nov. 27.
Sealing fixture for the manufacture of electron discharge devices. J. E. Clark and V. L. Ronci. 2,553,749, May 22.
Sealing formations. G. G. Wrightsman. 2,556,863, June 12.
Sealing glass to metal. J. P. Messana. 2,549,504, Apr. 17.
Sealing glass to metal. M. P. Wilder. 2,579,222, Dec. 18.

Sealing head mechanism for closing and sealing bags and containers. A. E. Almgren and J. P. Jakob. 2,539,389, Jan. 30.
Sealing hollow bodies. M. M. Barton. 2,546,208, Mar. 27.
Sealing hydrocarbon conversion housings. L. J. Kelly. 2,566,896, Sept. 4.
Sealing-in machine for tubular double-ended lamps. P. O. Cartun. 2,575,746, Nov. 20.
Sealing machine attachment for gummed tape dispensers. A. Avrick. 2,560,065, July 10.
Sealing machine, Bag. D. Belcher and H. V. Kindseth. 2,571,103, Oct. 16.
Sealing means for an end-loading transit mixer or agitator. G. Jaeger. 2,574,184, Nov. 6.
Sealing means for bolted storage tanks. R. G. De La Mater. 2,650,092, July 10.
Sealing means for internal-combustion motors. A. G. F. Wallgren and K. E. Evrell. 2,553,222, May 15.
Sealing means for the cable inlet of a terminal connector. R. P. Gutterman. 2,548,896, Apr. 17.
Sealing means for the work chambers in oscillating vane type fluid motors. A. N. Allen, Jr. 2,550,180, Apr. 24.
Sealing mechanism, Vacuum tube. E. D. Carter. 2,538,411, Jan. 16.
Sealing mechanism, Weather. S. M. Funk. 2,548,716, Apr. 10.
Sealing member for filling machines. P. R. Fechheimer. 2,553,447, May 15.
Sealing member for piston rings. J. Walker. 2,537,721, Jan. 9.
Sealing method, Metallic container. J. F. Barry. 2,538,495, Jan. 16.
Sealing of porous formations. C. L. Prokop. 2,543,868, Mar. 6.
Sealing openings in shell eggs. P. Gray. 2,568,917, Sept. 25.
Sealing packing. L. M. C. Seamark. 2,573,225, Oct. 30.
Sealing packings. D. S. Alexander. 2,547,358, Apr. 3.
Sealing pipe joints. W. H. Scholl. 2,573,366, Oct. 30.
Sealing ring. P. C. Stein. 2,563,971, Aug. 14.
Sealing sheet applying apparatus. E. Ardell. 2,543,220, Feb. 27.
Sealing strip. J. W. Marsden. 2,567,610, Sept. 11.
Sealing structure. V. A. Grey. 2,570,441, Oct. 9.
Sealing structure for floating tank roofs. J. H. Wiggins. 2,540,802, Feb. 6.
Sealing tape for tubular bag bodies. W. J. Geimer and F. R. Linda. 2,576,933, Dec. 4.
Sealing unit for well casing heads. D. C. Walker. 2,548,412, Apr. 10.
Seam for corrugated metal pipe for light duty tunnel liners, Longitudinal. G. E. Shafer. 2,540,141, Feb. 6.
Seam ripping attachment for sewing machines. L. K. Williams. 2,580,146, Dec. 25.
Seam welding procedure for pipe manufacture. F. M. Darner. 2,564,396, Aug. 14.
Seaming machine, Can. R. A. Fawcett and A. Troue. 2,540,611, Feb. 6.
Seaming machine, Electronic. O. B. Reid. 2,551,851, May 8.
Search and orientation system. G. Touvet. 2,538,063, Jan. 16.
Searchlight. J. Bergmans and D. Vermeulen. 2,576,875, Nov. 27.
Searchlight for attachment to cab roofs and the like, Dirigible. F. Sauer. 2,571,950, Oct. 16.
Searchlight having a linear source of light and two parabolic reflectors. J. Bergmans and C. A. Lamberts. 2,540,417, Feb. 6.
Search receiver and radio jamming system, Combined. E. M. Williams. 2,567,261, Sept. 11.
Searching cage erection system for gyroscopes. J. A. Mead. 2,556,097, June 5.
Seasoning point for meats. V. W. Higgins. 2,544,316, Mar. 6.

Seat: *See*—
Adjustable safety seat.
Adjustable seat.
Adjustable vehicle seat.
Aircraft pilot's seat.
Angularly adjustable beach seat.
Auxiliary stadium seat.
Auxiliary toilet seat.
Bicycle seat.
Body supporting seat.
Bracket supported folding seat.
Bracket supported seat.
Buoyant sustaining seat.
Canvas seat.
Child's adjustable seat.
Child's toilet seat.
Collapsible or folding infant's auto seat.
Collapsible seat.
Floating vehicle seat.
Foldable seat.
Folding pocket seat.
Folding seat.
Folding toilet seat.
Folding wall seat.
Heated tractor seat.
Hollow toilet seat.
Infant's toilet seat.
Latchable seat.
Posture aid seat.
Resilient seat.
Resiliently mounted seat.
Rotatable seat.
Semirevolving vehicle seat.
Sheltered seat.
Shiftable vehicle seat.
Ski reclining seat.
Slidable and adjustable seat.
Sport seat.
Spring supported tractor seat.
Stadium seat.
Sterilized toilet seat.
Toilet seat.
Tractor and implement seat.
Tractor seat.
Wagon and truck body seat.
Window seat.
Zigzag spring seat.

Seat. D. L. Hibbard and S. E. Homsey. 2,549,902, Apr. 24.
Seat. C. V. McGuire. 2,565,870, Aug. 28.
Seat. J. T. Rogers. 2,572,521, Oct. 23.
Seat adjuster. J. B. Parsons. 2,568,930, Sept. 25.
Seat and bed, Combination. R. B. Evans, S. M. Nampa, and M. R. Fetterly. 2,556,077, June 5.
Seat and bed for truck cabs. Convertible. G. Vandermark. 2,558,470, June 26.
Seat and berth construction. W. R. Brown. 2,544,980, Mar. 13.
Seat and carrying bag, Combination child's toilet. D. G. Anderson. 2,537,504, Jan. 9.
Seat and umbrella case, Foldable. P. Blum. 2,560,079, July 10.
Seat assembly, Adjustable auxiliary. E. W. MacKnight. 2,572,874, Oct. 30.
Seat attachment. E. M. Kinney. 2,577,197, Dec. 4.
Seat attachment for barbers' chairs, Rotary. D. M. Powell. 2,578,373, Dec. 11.
Seat back and armrest structure, Reversible. R. L. Edwards. 2,545,608, Mar. 20.
Seat back cushion spring construction. D. H. Van Hove. 2,570,409, Oct. 9.
Seat combination. K. L. Emberson. 2,564,621, Aug. 14.
Seat construction. A. Keller and J. Votypka. 2,562,041, July 24.
Seat construction, Automobile. T. L. Hibbard and S. J. Galla. 2,576,343, Nov. 27.
Seat construction, Spring. G. P. Johnson. 2,568,071, Sept. 10.
Seat construction, Spring. E. D. Scott and E. A. Herider. 2,568,829, Sept. 25.
Seat construction, Toilet. D. J. Rosenheim. 2,539,481, Jan. 30.
Seat construction, Tractor. D. Roeder and C. F. Kramer. 2,563,277, Aug. 7.
Seat construction, Upholstered. W. J. Workman. 2,540,563, Feb. 6.
Seat construction, Vehicle. R. G. Spiess, Jr. and C. E. Read. 2,550,170, Apr. 24.
Seat convertible to bed, Automobile. J. E. Hening and E. F. Wygal. 2,543,167, Feb. 27.
Seat convertible to bed, Car. W. R. and R. A. Battles. 2,567,048, Sept. 4.
Seat cover. R. E. Carter and H. M. Hutchinson. 2,575,548, Nov. 20.
Seat cover. A. Puchalsky. 2,546,109, Mar. 20.
Seat cover fastening means. J. H. Johnson. 2,568,398, Sept. 18.
Seat cushion assembly. C. H. Bell. 2,572,689, Oct. 23.
Seat cushion, Chair. R. A. Cramer. 2,571,209, Oct. 16.
Seat cushion for tractors. A. M. Aronov. 2,551,084, May 1.
Seat cushion having helper pad and spring-over-spring strip base. H. C. Flint. 2,565,021, Aug. 21.
Seat drain structure, Cushion. W. A. Wing. 2,551,819, May 8.
Seat extension, Foldable car. P. R. Prentice. 2,551,701, May 8.
Seat for aircraft, Vertically adjustable. S. H. Stoner. 2,572,072, Oct. 23.
Seat for automobiles or other vehicles, Convertible. N. E. Simoneaux. 2,575,773, Nov. 20.
Seat for baby buggies and fastening means therefor, Auxiliary. W. H. and B. R. Long. 2,560,458, July 10.
Seat for barbers' chairs, Auxiliary. A. Frydenlund. 2,542,653, Feb. 20.
Seat for barbers' chairs, Auxiliary. P. D. Morgan. 2,557,232, June 19.
Seat for barbers' chairs, Vertically swinging auxiliary. S. C. Butz. 2,539,811, Jan. 30.
Seat for barbers, dentists, and the like, Horizontally swinging auxiliary. J. F. Cooper. 2,565,595, Aug. 28.
Seat for bicycles, Auxiliary. W. P. Murrell. 2,550,200, Apr. 24.
Seat for building elements, Erection. V. R. P. Saxe. 2,540,408, Feb. 6.
Seat for cleaning windows, Safety. A. Zukor. 2,559,102. July 3.
Seat for farm implements, Adjustable. E. L. Legris. 2,546,268, Mar. 27.
Seat for high-velocity airplanes, Ejection. E. S. Pomykala. 2,536,086, Jan. 2.
Seat for sportsmen, Heated. A. S. Cyphert. 2,567,323, Sept. 11.
Seat for velocipedes, Handle bar supported. C. H. Hardy. 2,563,679, Aug. 7.
Seat frame member for flexible seated chairs. G. C. Briggs. 2,547,559, Apr. 3.
Seat mount, Adjustable. K. F. Hair. 2,571,443, Oct. 16.
Seat mount, Resilient. C. F. Peterson. 2,574,057, Nov. 6.
Seat pad. T. K. Barton. 2,552,476, May 8.
Seat rest, Adjustable. J. C. Leeds. 2,546,460, Mar. 27.
Seat roll construction fixture. G. L. Gerber. 2,561,108, July 17.
Seat section for chairs, Adjustable. W. L. Scott. 2,542,366, Feb. 20.
Seat spring structure. J. L. Alpert. 2,545,721, Mar. 20.
Seat structure. W. E. Burnett. 2,564,878, Aug. 21.
Seat structure. C. B. Doty. 2,563,220, Aug. 7.
Seat structure, Cushioned and hinged. S. B. Hendrickson. 2,572,145, Oct. 23.

Seat structure, Troopship type airplane. R. B. Evans and S. M. Nampa. 2,556,076, June 5.
Seat structure with removable back. K. K. Horner and L. W. Hiltman. 2,575,221, Nov. 13.
Seat suspension. A. S. Krotz. 2,575,496, Nov. 20.
Seat, table, couch, and bar, Combination. O. G. Ricketson. 2,541,612, Feb. 13.
Seat top, Collapsible toilet. E. C. Williams. 2,557,713, June 19.
Seat which can be carried as a cane, Folding. V. Jansen. 2,560,447, July 10.
Seating device, Posture. L. Fox. 2,557,269, June 19.
Seating furniture. E. S. Zeisel. 2,574,367, Nov. 6.
Seating means for wood chipper bed knives. C. A. Johnson. 2,566,938, Sept. 4.
Seating unit, Portable. B. S. Haley and E. B. Conron. 2,575,953, Nov. 20.
Secateur. S. Brookes. 2,567,051, Sept. 4.
Second and third harmonic generator. H. Sussman. 2,578,613, Dec. 11.
Secondary aromatic amines, Production of. T. J. Deahl, F. H. Stross, and M. D. Taylor. 2,580,284, Dec. 25.
Secondary-electron-emitting discharge device. C. S. Bull. 2,579,786, Dec. 25.
Secrecy system. W. J. Zenner. 2,547,515, Apr. 3.
Secret or combination lock. A. Soler Capdevila. 2,566,967, Sept. 4.
Secretary's answering key cabinet. B. A. Carroll. 2,541,336, Feb. 13.
Section or warper beam. W. McCaskie. 2,538,697, Jan. 16.
Sectional athletic field cover. C. J. Hoigaard and F. W. Boeck. 2,578,135, Dec. 11.
Sectional chimney cap. G. C. Robbins. 2,551,292, May 1.
Sectional container. E. Robles and M. J. Sloyan. 2,549,013, Apr. 17.
Sectional door. E. C. Fox and R. C. Strohacker. 2,573,962, Nov. 6.
Sectional filing cabinet. F. C. Brown. 2,557,630, June 19.
Sectional mattress holder. M. Rosberger. 2,545,311, Mar. 13.
Sectional metal box. W. F. Brunia. 2,552,400, May 8.
Sectional pad. R. L. Melrose. 2,548,547, Apr. 10.
Sectional perforating die. B. May. 2,568,863, Sept. 25.
Sectional refrigerated display cabinet. I. Benson. 2,554,610, May 29.
Sectional tapered bottom ring for hot tops. R. E. Daley. 2,572,452, Oct. 23.
Sectional vertical acting door. H. C. Blodgett. 2,575,255, Nov. 13.
Sectional warping frame. H. Crouzet. 2,557,597, June 19.
Sectioning apparatus. E. A. Lundgren. 2,563,258, Aug. 7.
Sectioning device, Fabric. S. J. Davis and J. J. Colvin. 2,556,681, June 12.
Sectionizing citrus fruits. R. Polk, Sr. and R. Polk, Jr. 2,549,333, Apr. 17.
Securing a fastening element in concrete. C. W. Meyers. 2,576,473, Nov. 27.
Securing adhesion of electro-plated coatings to a metal base. A. Brenner, P. S. Burkhead, and G. E. Riddell. 2,546,150, Mar. 27.
Securing device for the pin stem of a button or the like. F. A. Ballou, Jr. 2,551,196, May 1.
Securing leads to commutators. H. Servis. 2,572,956, Oct. 30.
Securing means. E. W. Hopkins. 2,568,735, Sept. 25.
Securing means for partition studs. A. C. Mitchell. 2,563,735, Aug. 7.
Securing members with a predetermined torque by a composite cap screw. S. I. Bertelsen. 2,544,522, Mar. 6.
Securing optical elements. J. Cojan. 2,552,938, May 15.
Securing the effects of end dipping in gas-tight flexible wall packages. S. Bergstein. 2,548,251, Apr. 10.
Securing valve sleeves to bags, Adhesively. N. E. Weeks. 2,542,170, Feb. 20.
Securing window glass, Removably. C. A. Phipps. 2,554,058, May 22.
Sediment tester filter disk restrainer. R. E. Quinn. 2,553,472, May 15.
Sedimentation device. R. Chelminski, O. R. Kuster, and D. K. Hines. 2,553,958, May 22.
Sedimentation tank. B. C. Baldwin. 2,572,098, Oct. 23.
Seed cleaner. J. E. Bradley. 2,577,565, Dec. 4.
Seed for crystal growing. S. I. Slawson. 2,543,071, Feb. 27.
Seed for production of titanium dioxide and making same. M. J Mayer. 2,571,150, Oct. 16.
Seed germinating and planting apparatus. U. A. Moores. 2,542,555, Feb. 20.
Seed handling assembly for potato planters. M. Weber. 2,551,192, May 1.
Seed pellet. F. W. Burgesser. 2,579,734, Dec. 25.
Seed planter with radially movable ejectors. D. C. Black. 2,538,754, Jan. 23.
Seed sower. H. S. Speicher. 2,547,143, Apr. 3.
Seed sowing device. W. T. Haydock. 2,564,255, Aug. 14.
Seed tape. G A. Schindler. 2,571,491, Oct. 16.
Seeder. E. R. Herd. 2,562,422, July 31.
Seeder. E. R. Herd. 2,565,427, Aug. 21.
Seeder attachment. J. Greaves. 2,576,756, Nov. 27.
Seeder attachment for tractors. C. A. Garber. 2,560,431, July 10.
Seeder attachment for tractors. T. G. Tuttle, Sr. 2,554,074, May 22.
Seeder, Broadcasting. W. C. Nabors. 2,543,586, Feb. 27.
Seeder, Lawn. R. N. Doble. 2,560,093, July 10.
Seeder, Tractor-mounted broadcast. C. E. Weeks. 2,561,002, July 17.
Seeder with dispenser having vibratory means and variable seed discharge means, Garden. E. Hoffman. 2,544,960, Mar. 13.
Seesaw convertible to a slide. I. J. Rocklin. 2,542,359, Feb. 20.
Seesaw, One person. H. S. Ray. 2,544,106, Mar. 6.
Seesaw, Rotating. J. D. Cummings. 2,544,589, Mar. 6.
Seesaw, Rotating. G. Grover. 2,558,431, June 26.
Seesaw, Roundabout. A. J. and E. B. Bouchard. 2,564,-146, Aug. 14.
Segmental blading. W. C. Johnson. 2,579,583, Dec. 25.
Segmental coating shoe for pipe and the like. L. Perrault. 2,574,706, Nov. 13.
Segmented ionization chamber. C. A. Tobias. 2,566,684, Sept. 4.
Segregating oxygenated hydrocarbons. H. J. Hibshman and R. N. Dolph. 2,542,521, Feb. 20.
Segregating powdered materials into fractions of different particle sizes. H. Verschoor. 2,563,086, Aug. 7.
Segregation of solid particles. G. L. Matheson. 2,561,396, July 24.
Seine pursing device. R. Sundberg. 2,570,285, Oct. 9.
Seismic exploration employing elevated charges. T. C. Poulter. 2,545,380, Mar. 13.
Seismic exploration system. A. J. Hermont and J. C. Toups. 2,547,703, Apr. 3.
Seismic prospecting method, including generation of a cylindrical wave front. G. D. Mitchell, Jr. 2,555,806, June 5.
Seismic survey system for submerged areas. R. L. Gallaway. 2,572,255, Oct. 23.
Seismic surveying. J. O. Parr, Jr. 2,570,707, Oct. 9.
Seismic underwater prospecting, Method and apparatus for. P. P. Gaby. 2,561,309, July 17.
Seismograph blaster time breaker circuit. C. L. Brownlow. 2,578,877, Dec. 18.
Seismographic prospecting. L. G. Ellis. 2,569,411, Sept. 25.
Seismographic prospecting apparatus. R. L. Henson, Jr. 2,558,954, July 3.
Seismographic prospecting apparatus for directing explosive energy. N. B. Blake. 2,558,924, July 3.
Seismographic record correlation system. L. F. Athy and H. R. Prescott. 2,539,220, Jan. 23.
Seismometer system. F. D. Case. 2,576,775, Nov. 27.
Selecting and positioning device. C. O. Merchant. 2,554,788, May 29.
Selecting device. W. J. Hunt. 2,566,767, Sept. 4.
Selecting system. M. E. Mohr. 2,564,125, Aug. 14.
Selection control for telephone systems. M. den Hertog. 2,543,003, Feb. 27.
Selection method and apparatus. A. H. Buckley. 2,554,853, May 29.
Selection of oriented seed plates for quartz synthesis. I. I. Friedman and O. F. Tuttle. 2,558,745, July 3.
Selective absorbent and manufacturing and using the same. D. K. Eads. 2,554,819, May 29.
Selective adsorption-catalytic cracking process, Combined. S. F. Perry. 2,549,518, Apr. 17.
Selective bed and cylinder printing machine. N. Gretchikhine. 2,536,276, Jan. 2.
Selective bell clapper silencer. W. M. Allen. 2,571,178, Oct. 16.
Selective beverage dispenser. E. J. Housekeeper. 2,557,289, June 19.
Selective calling system. C. J. Dorr. 2,576,216, Nov. 27.
Selective capacity water heater. W. W. Higgins. 2,544,458, Mar. 6.
Selective conversion of alkyne hydrocarbons. G. C. Ray. 2,564,278, Aug. 14.
Selective discharge control for inks on printing presses. W. C. Huebner. 2,547,706, Apr. 3.
Selective drive for plural conveyers. M. J. Ree. 2,558,582, June 26.
Selective low-pressure desorption of liquids. K. H. Hachmuth. 2,549,968, Apr. 24.
Selective manual control for automatic change-speed transmissions. M. C. Krueger. 2,577,660, Dec. 4.
Selective media separation. H. L. McNeill. 2,552,378, May 8.
Selective oxidation of dihydroxy steroids. R. E. Jones. 2,571,889, Oct. 16.
Selective oxidation of steroid alcohols. L. F. Fieser and S. Rajagopalan. 2,569,300, Sept. 25.
Selective oxidation process for producing fatty acids and alcohols. E. V. Fasce. 2,537,577, Jan. 9.
Selective production of voices in electrical musical instruments. A. F. Knoblaugh and J. F. Jordan. 2,571,141, Oct. 16.
Selective signaling system employing condenser charge. R. H. Herrick. 2,564,062, Aug. 14.
Selective switch. G. Deakin. 2,565,480, Aug. 28.
Selective switch. W. A. Sensinger. 2,545,172, Mar. 13.
Selective tempering by induction means. G. C. Riegel, E. E. Alexander, and W. H. Lenz. 2,549,930, Apr. 24.

Selective type setting and restoring means. R. B. Johnson. 2,562,554, July 31.
Selective writing instrument. J. A. Vierling. 2,579,887, Dec. 25.
Selectively acting bleaching powders, catalysts, and related products on the basis of clays capable of activation, Production of. A. Christiansen. 2,553,239, May 15.
Selectively collecting and/or distributing articles. G. F. Chodziesner. 2,570,918, Oct. 9.
Selectively evacuated temperature regulated container. M. Clar. 2,550,040, Apr. 24.
Selector binder. S. I. Berger. 2,575,482, Nov. 20.
Selector calling system. W. W. McGoffin. 2,563,127, Aug. 7.
Selector conveyer apparatus. H. D. Forse. 2,539,013, Jan. 23.
Selector device for automatic typewriters. G. F. Carlson. 2,568,113, Sept. 18.
Selector for automatic firearms. J. L. Lochhead. 2,539,447, Jan. 30.
Selector for phonographs and the like, Electrical. O. E. Grupp, Jr. 2,546,392, Mar. 27.
Selector for signaling systems, Harmonic amplitude. H. E. Singleton. 2,553,610, May 22.
Selector mechanism. W. J. Zenner. 2,574,138, Nov. 6.
Selector mechanism, Automatic. E. J. Uhlig. 2,574,603, Nov. 13.
Selector mechanism floor unit. S. and L. Mignocchi. 2,558,622, June 26.
Selector mechanism for change speed hub gears of cycle wheels. W. Brown. 2,566,978, Sept. 4.
Selector mechanism for radio apparatus, Automatic. W. D. La Rue. 2,574,604, Nov. 13.
Selector mechanism for registering computing machines. M. Garbell. 2,542,658, Feb. 20.
Selector, Pulse group. E. H. Krause and C. E. Cleeton. 2,567,944, Sept. 18.
Selector switch. G. H. Klay. 2,561,930, July 24.
Selector switching apparatus. R. L. Snyder, Jr. 2,557,480, June 19.
Selector system. G. G. Brown. 2,579,470, Dec. 25.
Selector valve. J. T. Obecny. 2,545,529, Mar. 20.
Self-adjusting chair. A. Rivera. 2,548,066, Apr. 10.
Self-adjusting leg. H. E. Morrison. 2,540,750, Feb. 6.
Self-adjusting nose pad and brow rest for optical frames. K. Hurst. 2,547,467, Apr. 3.
Self-adjusting pump. T. C. Goodale. 2,579,817, Dec. 25.
Self-adjusting recirculating overflow. J. B. Crawford. 2,579,304, Dec. 18.
Self-aligning bearing. E. A. Arp. 2,573,532, Oct. 30.
Self-aligning bore gauge. O. E. Watson. 2,573,075, Oct. 30.
Self-aligning hub. L. S. Kupersmith. 2,563,535, Aug. 7.
Self-aligning rearview mirror mounting. C. L. Davis. 2,567,324, Sept. 11.
Self-alkylation of isopentane. R. M. Kennedy and A. Schneider. 2,557,117, June 19.
Self-burnishing contact point. A. Bronstein. 2,572,105, Oct. 23.
Self-closing dispensing valve. J. N. Paquin. 2,562,680, July 31.
Self-closing gate. A. Scheuermann. 2,537,484, Jan. 9.
Self-closing nonreleasing fluid-actuated valve. J. A. Danielson. 2,537,212, Jan. 9.
Self-closing tube. G. Abarr. 2,546,709, Mar. 27.
Self-closing valve. L. G. Dimitri and S. A. Purvis. 2,536,428, Jan. 2.
Self-compensating measuring bridge circuit having automatic control and/or alarm. H. J. Roosdorp. 2,577,483, Dec. 4.
Self-contained easel display case. S. Greene. 2,549,306, Apr. 17.
Self-cooling container. L. and M. Zwiebach. 2,556,893, June 12.
Self-cutting tap. W. S. Forcier and A. C. Wood. 2,557,733, June 19.
Self-discharging sludge separator. A. Nyrop. 2,578,484, Dec. 11.
Self-ejecting electric plug. J. J. Maisey. 2,571,046, Oct. 9.
Self-energizing brake. O. Lepersonne. 2,554,039, May 22.
Self-examination device. M. Fleischer. 2,546,666, Mar. 27.
Self-feeding device for livestock. O. R. Winkler. 2,544,578, Mar. 6.
Self-heating containers. L. Sukacev. 2,579,405, Dec. 18.
Self-loading vehicle. T. N. Busch. 2,550,185, Apr. 24.
Self-loading vehicle. P. S. Knox, Jr., and W. I. Strauss. 2,573,342, Oct. 30.
Self-locking box. P. O. Theander. 2,579,346, Dec. 18.
Self-locking clutch. C. E. Walton. 2,561,159, July 17.
Self-locking electrical connector. L. Theriault. 2,546,201, Mar. 27.
Self-locking fastener. H. F. Phipard, Jr. 2,558,379, June 26.
Self-locking folding box. R. B. Meller. 2,580,181, Dec. 25.
Self-locking mechanism. R. B. Houplain. 2,559,960, July 10.
Self-locking retaining ring. H. Heimann. 2,574,034, Nov. 6.
Self-locking screw-threaded element. W. C. Beach. 2,576,438, Nov. 27.
Self-lowering cabinet. L. A. Stebbins. 2,555,254, May 29.
Self-lubricated steering knuckle joint. M. A. Moskovitz. 2,569,823, Oct. 2.
Self-lubricating alloy. P. E. Luther. 2,558,523, June 26.
Self-lubricating bearing. B. Schroeter. 2,560,134, July 10.
Self-lubricating piston rod. T. R. Rymal. 2,572,952, Oct. 30.
Self-lubricating wind motor. W. W. Welborn. 2,554,652, May 29.
Self-priming centrifugal pump. J. Southern. 2,553,066, May 15.
Self-priming pump system. P. E. Geldhof, L. Ringer, and H. E. Morrison. 2,562,610, July 31.
Self-propelled corn picker vehicle. N. F. Andrews. 2,536,147, Jan. 2.
Self-propelled railway vehicle. D. P. Graham. 2,547,700, Apr. 3.
Self-propelled vehicle. E. T. Turner. 2,553,952, May 22.
Self-quench superregenerative arrangement. D. Richman. 2,576,642, Nov. 27.
Self-regulating stock tank. A. E. Langenbahn. 2,570,694, Oct. 9.
Self-releasing bracket. A. P. Freeman. 2,550,008, Apr. 24.
Self-sealing article. J. M. Tilton, Jr. 2,566,384, Sept. 4.
Self-sealing cap. W. E. Woods. 2,550,132, Apr. 24.
Self-sealing cap having relatively axially slidable tubular members. R. R. Hren. 2,576,509, Nov. 27.
Self-sealing releasable coupling. D. F. Stranberg. Re. 23,365, May 15.
Self-securing curtain hanger. I. J. Gershen. 2,542,077, Feb. 20.
Self-service apparatus, Remotely controlled. R. L. Timms. 2,557,161, June 19.
Self-setting plastic material consisting essentially of alpha-gypsum and an aminotriazine resin. M. C. Dailey and E. W. Duffy. 2,571,343, Oct. 16.
Self-setting rodent trap. G. B. Wilken. 2,575,435, Nov. 20.
Self-starting contact type electric motor. L. T. Askren. 2,574,997, Nov. 13.
Self-starting single-phase motor. J. B. Rotureau. 2,555,097, May 29.
Self-starting synchronous electric motor. J. Gottlieb, L. Eickemeyer, and C. Woessner. 2,552,315, May 8.
Self-supporting extendible article holder. G. Wise. 2,556,246, June 12.
Self-threading fastener. F. H. Merwin. 2,572,647, Oct. 23.
Self-triggering thyratron pulse generator. T. F. C. Muchmore. 2,543,730, Feb. 27.
Self-unloading vehicle. W. B. Atkinson. 2,574,315, Nov. 6.
Self-unloading vehicle. R. C. Gaddis. 2,552,953, May 15.
Self-upsetting coupling. J. C. Richardson. 2,553,981, May 22.
Self-washing centrifuge. R. D. Acton. 2,575,506, Nov. 20.
Selvage forming device, Center. J. Picanol. 2,547,170, Apr. 3.
Selvage forming mechanism. P. W. Robinson. 2,561,416, July 24.
Selvage forming mechanism for needle looms. P. W. Robinson. 2,537,158, Jan. 9.
Selvage loop forming device. D. E. Houghton. 2,576,789, Nov. 27.
Semiautomatic apparatus for electroperforating shoes or the like. J. W. Meaker. 2,538,580, Jan. 16.
Semiconductive cell. O. Saslaw. 2,555,247, May 29.
Semiconductor comprising silicon and making it. J. H. Scaff and H. C. Theuerer. 2,567,970, Sept. 18.
Semiconductor device. L. J. Giacoletto. 2,561,109, July 17.
Semiconductor reactance circuit. H. C. Goodrich, Jr. 2,570,939, Oct. 9.
Semiconductor signal translating device. W. G. Pfann. 2,561,411, July 24.
Semiconductor translating device. W. G. Pfann. 2,563,504, Aug. 7.
Semiconductor translating device. W. G. Pfann. 2,570,978, Oct. 9.
Semiconductor translator and making it. G. L. Pearson. 2,560,594, July 17.
Semiconductor translators, Manufacture of. W. G. Pfann. 2,577,803, Dec. 11.
Semiconductor unit for the utilization of electroadhesion. K. Rahbek. 2,568,824, Sept. 25.
Semiesters of unsaturated dicarboxylic acids. O. Albrecht. 2,576,898, Nov. 27.
Semirevolving vehicle seat. G. T. Fair. 2,576,004, Nov. 20.
Semirimless ophthalmic mounting. E. M. Splain. 2,556,379, June 12.
Semistiff walled toilet case. B. A. Arnold and E. K. Renz. 2,561,042, July 17.
Semitrailer. L. R. Kinsey. 2,547,269, Apr. 3.
Sensing and analyzing means in recording machines. W. Wockenfuss. 2,562,249, July 31.
Sensitive instrument bearing. R. Raspet. 2,537,088, Jan. 9.
Sensitive relay. F. G. Boucher. 2,553,354, May 15.
Sensitivity improver for temperature controllers. C. A. West. 2,568,574, Sept. 18.
Sensitizing cyanine dyestuff intermediates. A. W. Anish. 2,536,973, Jan. 2.

Sensitizing dyes from bithiazoles. L. C. Hensley. 2,579,432, Dec. 18.
Sensitometer. J. C. Dionne. 2,552,089, May 8.
Sentinel for automobile generators, Automatic. D. J. Smith. 2,538,476, Jan. 16.
Separable backing for repair material. A. N. Iknayan and D. A. Macdonald. 2,550,151, Apr. 24.
Separable chain fastener. B. B. Huizinga. 2,570,680, Oct. 9.
Separable connector. E. G. Liner. 2,552,728, May 15.
Separable electric plug. M. A. Denine. 2,576,174, Nov. 27.
Separable fastener. G. Duefrene. 2,548,004, Apr. 10.
Separable fastener. B. Madsen. 2,558,367, June 26.
Separable fastener. N. A. Wahl. 2,567,160, Sept. 4.
Separable pole clamp. E. W. Riemenschneider and W. C. Anderson. 2,570,985, Oct. 9.
Separable pressure pad attachment for C-clamps. E. E. Atchison. 2,579,995, Dec. 25.
Separable slip. S. Katz. 2,575,918, Nov. 20.
Separable vehicle wheel. V. G. Ristvedt. 2,554,385, May 22.
Separate and individual pressure adhesive pieces with means of application and attachment of same. F. H. Penney. 2,547,487, Apr. 3.
Separating a fraction of benzene hexachloride rich in the gamma isomer. J. M. Scovic. 2,567,034, Sept. 4.
Separating aldehydes from a mixture of organic compounds. G. B. Arnold and H. V. Hess. 2,539,394, Jan. 30.
Separating carboxylic acids resulting from the liquid phase oxidation of oleic acid. R. M. Cavanaugh and R. H. Weir. 2,560,156, July 10.
Separating charged particles of different mass-to-charge ratios, Method and apparatus for. P. O. Schissel. 2,570,158, Oct. 2.
Separating chlorine and sulfur dioxide from mixtures thereof. A. W. Hixson and R. Miller. 2,553,767, May 22.
Separating dihalogenopyrazines. J. K. Dixon and A. A. Miller. 2,540,476, Feb. 6.
Separating dissimilar components in petroleum products by liquid thermal diffusion. A. L. Jones and E. C. Hughes. 2,541,070, Feb. 13.
Separating fatty acids. L. D. Myers. 2,575,526, Nov. 20.
Separating fatty acids from rosin acids of tall oil. S. D. Koonce and E. S. Perry. 2,538,103, Jan. 16.
Separating gluten and wheat flour, Method and apparatus for. B. C. Boeckeler. 2,537,811, Jan. 9.
Separating high condensation point materials from hydrocarbons. G. E. Hays. 2,560,645, July 17.
Separating hydrocarbon fractions containing aromatics. M. R. Lipkin. 2,576,525, Nov. 27.
Separating hydrocarbons. A. E. Hirschler. 2,543,286, Feb. 27.
Separating impurities from used lubricating oils. E. F. Graves. 2,568,583, Sept. 18.
Separating ketones from close-boiling mixtures. C. S. Carlson and P. V. Smith, Jr. 2,575,244, Nov. 13.
Separating materials, Method and apparatus for. H. K. Martin. 2,560,809, July 17.
Separating mercaptans. J. A. Brooks, J. H. Krause, T. B. Tom, and N. Fragen. 2,556,414, June 12.
Separating nitric acid from a mixture containing nitric acid and hydrogen chloride. L. A. Stengel. 2,555,278, May 29.
Separating ores by treatment with a gaseous polyhalosilane. K. F. Scheu. 2,564,546, Aug. 14.
Separating organic compounds. A. P. Lien, W. J. Zimmerschied, and W. S Higley. 2,577,202, Dec. 4.
Separating oxidizable materials from liquids by oxygenation and aerobic biochemical action, Method and apparatus for. M. Pirnie. 2,559,462, July 3.
Separating, positioning, and uniting threads. W. G. Abbott, Jr. 2,537,007, Jan. 9.
Separating selected constituents from gases. W. F. Fulton. 2,542,187, Feb. 20.
Separating shale cuttings from drilling mud containing plastering agents. P. E. Chaney. 2,576,283, Nov. 27.
Separating single threads from a thread layer, Method and apparatus for. S. S. C. Fleischer. 2,564,329, Aug. 14.
Separating starch and gluten. A. K. Kilander. 2,557,032, June 12.
Separating ternary gas mixtures, Process of and apparatus. G. E. Simpson. 2,547,177, Apr. 3.
Separating the isomers of hexachlorocyclohexane. R. C. Campbell. 2,573,676, Nov. 6.
Separating the 3,5-dimethyl 1-ethyl benzene from other ethyl xylenes. W. E. Elwell. 2,541,959, Feb. 13.
Separating unsaturated hydrocarbons by means of hypochlorous acid. M. J. Murray. 2,564,914, Aug. 21.
Separating wax from liquids. J. Mair. 2,578,192, Dec. 11.
Separation and fractionation of sugars. E. M. Montgomery and F. B. Weakley. 2,549,840, Apr. 24.
Separation and purification of unsaturated hydrocarbons. R. K. Simms. 2,555,940, June 5.
Separation method. N. E. Peery, D. L. Cleveland, and J. A. Hatton. 2,556,483, June 12.
Separation of aldehydes and ketones. D. W. Blanchard, G. G. Lauer, and R. S. Pratt. 2,552,513, May 15.
Separation of aldehydes and ketones from mixtures thereof. V. F. Michael. 2,555,553, June 5.
Separation of alpha-casein from whole casein. N. J. Hipp, M. L. Groves, and T. L. McMeekin. 2,572,026, Oct. 23.
Separation of americium from solutions containing the same. L. B. Werner. 2,577,097, Dec. 4.
Separation of amino acids. R. Kunin. 2,549,378, Apr. 17.
Separation of amyl alcohols from ketones by distillation. A. Steitz, Jr. 2,552,911, May 15.
Separation of coffee aroma. H. M. Cole. 2,542,119, Feb. 20.
Separation of conidendrin from liquors containing the same. H. B. Lackey. 2,577,470, Dec. 4.
Separation of coumbium and tantalum values. A. G. Oppegaard and A. J. Ravnestad. 2,537,316, Jan. 9.
Separation of cyclohexane and benzene by azeotropic distillation. J. M. Harrison. 2,561,624, July 24.
Separation of fatty oil from solid bleaching agents. W. P. Gee. 2,577,079, Dec. 4.
Separation of fluorinated hydrocarbons by distillation with hydrogen fluoride. K. C. Johnson. 2,549,609, Apr. 17.
Separation of gamma benzene hexachloride. L. J. Burrage and J. C. Smart. 2,553,956, May 22.
Separation of gaseous mixtures at low temperatures. A. A. Aicher. 2,567,461, Sept. 11.
Separation of hydrocarbons by selective adsorption. A. E. Hirschler. 2,554,908, May 29.
Separation of hydrocarbons with keto esters. T. W. Evans and R. C. Morris. 2,549,586, Apr. 17.
Separation of immiscible liquids. J. W. Robinson. 2,555,607, June 5.
Separation of iron from hydrocarbons. G. G. Lauer and R. S. Pratt. 2,540,129, Feb. 6.
Separation of isomeric chlorobenzoic acids. J. Kamlet. 2,546,545, Mar. 27.
Separation of isoparaffins. A. E. Hirschler. 2,559,157, July 3.
Separation of isophthalic acid from terephthalic acid by noncatalytic esterification. R. J. Agnew and R. E. Conary. 2,569,440, Oct. 2.
Separation of liquid and vapor in an evaporator or the like. R. O. Henszey. 2,537,346, Jan. 9.
Separation of maleic anhydride-olefin monomers from polymers. J. Ross and A. I. Gebhardt. 2,573,495, Oct. 30.
Separation of methyl amines. W. Tyerman. 2,547,064, Apr. 3.
Separation of mineral mixtures. J. O. Cleemann. 2,571,835, Oct. 16.
Separation of mixtures of 1-butanol and methyl n-butyl ketone. A. Steitz, Jr., and D. K. Barnes. 2,568,522, Sept. 18.
Separation of naphthene hydrocarbons. A. E. Hirschler. 2,564,532, Aug. 14.
Separation of narrow boiling hydrocarbon fractions. S. F. Birch and C. B. Collis. 2,540,318, Feb. 6.
Separation of nitrile intermediates in amidone synthesis. R. W. Stoughton. 2,540,636, Feb. 6.
Separation of nonneutral electrolytes. G. J. Pierotti, F. A. French, and M. Souders, Jr. 2,556,213, June 12.
Separation of normal alcohols from branched chain alcohols. C. E. Morrell, C. S. Carlson, and P. V. Smith, Jr. 2,551,626, May 8.
Separation of oil from wax. W. V. Overbaugh. 2,571,752, Oct. 16.
Separation of olefins from hydrocarbon distillates containing aromatics. E. Arundale. 2,569,216, Sept. 25.
Separation of organic compounds. W. P. Burton and H. G. McGrath. 2,566,311, Sept. 4.
Separation of organic compounds. W. P. Burton and H. G. McGrath. 2,568,717, Sept. 25.
Separation of organic compounds. C. C. King and N. L. Dickinson. 2,552,564, May 15.
Separation of organic compounds. H. G. McGrath, H. J. Passino, and L. C. Rubin. 2,571,151, Oct. 16.
Separation of organic compounds. E. Solomon. 2,540,143, Feb. 6.
Separation of organosilicon materials. J. F. Hyde. 2,574,265, Nov. 6.
Separation of oxygen-containing compounds. J. S. Cromeans. 2,573,185, Oct. 30.
Separation of oxygen from gas mixtures containing the same. S. W. Weller and W. A. Steiner. 2,540,151, Feb. 6.
Separation of petroleum-in-water emulsions. A. Shapiro and A. F. Clark. 2,572,223, Oct. 23.
Separation of phosphorus. A. H. Booth. 2,552,032, May 8.
Separation of radium from barium. E. R. Tompkins. 2,554,649, May 29.
Separation of saturated from unsaturated aldehydes. G. J. Pierotti, A. E. Handlos, and C. M. Reider. 2,574,935, Nov. 13.
Separation of side-chain halogenated alkaryl compounds. B. B. Schaeffer. 2,564,506–7, Aug. 14.
Separation of solid substances of different specific gravity and grain size. F. J. Fontein. 2,550,340, Apr. 24.
Separation of solids of different specific gravity and grain size. M. G. Driessen, C. Krijgsman, and J. N. J. Leeman. 2,543,689, Feb. 27.
Separation of sterols from mixtures. J. T. Hackmann. 2,559,153, July 3.

Separation of tall oil components. R. M. Christenson and R. E. Harpt. 2,573,890, Nov. 6.
Separation of the optical isomers of certain X-ray contrast agents. B. F. Tullar and J. O. Hoppe. 2,552,696, May 15.
Separation of thiophene by selective alkylation. J. A. Vesely. 2,563,087, Aug. 7.
Separation of wax by filtration with flue gas chilling. W. W. Kraft. 2,579,501, Dec. 25.
Separation of xylene isomers by solvent extraction. M. Souders, Jr. 2,562,068, July 24.
Separation process. J. M. Mavity. 2,564,911, Aug. 21.
Separation process. N. C. Robertson. 2,577,156, Dec. 4.
Separation process. B. B. Schaeffer. 2,540,915, Feb. 6.
Separation system, Pulse duration. J. Feinstein and I. H. Franzel. 2,565,486, Aug. 28.
Separator: *See*—
Battery separator.
Bottom hole separator.
Centrifugal dust separator.
Centrifugal egg separator.
Centrifugal gas-liquid separator.
Centrifugal separator.
Coin and check separator.
Continuous centrifugal separator.
Continuous separator.
Cyclone separator.
Detachable bust separator.
Dry wash ore separator.
Dust separator.
Electrostatic separator.
Emulsion separator.
Entrainment separator.
Expansive fiber separator.
Fluid separator.
Form separator.
Gas-liquid separator.
High-intensity magnetic separator.
Magnetic separator.
Mineral separator.
Nonrotary centrifugal separator.
Oil and gas separator.
Oil and water separator.
Power washing centrifugal separator.
Sand separator.
Self-discharging sludge separator.
Steam separator.
Storage battery separator.
Television pulse and sound separator.
Vapor separator.
Vegetable separator.
Water separator.
Separator. W. Bakker. 2,572,097, Oct. 23.
Separator. P. Ericson. 2,562,025, July 24.
Separator. A. Gordon. 2,561,507, July 24.
Separator. U. S. James, Jr. 2,573,026, Oct. 30.
Separator. R. H. Shenk. 2,576,645, Nov. 27.
Separator and pouring spout, Cream. T. H. Daniels. 2,544,070, Mar. 6.
Separator for electric storage batteries. J. D. Giles and R. J. Scott. 2,578,534, Dec. 11.
Separator for obtaining magnetic particles from liquids, Magnetic. W. Vogel. 2,564,515, Aug. 14.
Separator for solvent extraction systems, Fines. R. T. Anderson. 2,548,333, Apr. 10.
Separator for stock trays, Hinged. K. J. Cole. 2,563,212, Aug. 7.
Separator for storage batteries. L. A. Doughty. 2,555,225, May 29.
Separator valve. R. D. Powers. 2,541,282, Feb. 13.
Sequence actuator for switches. W. A. Lauder. 2,560,964, July 17.
Sequence and preselector signal seeking system. O. E. Colgan. 2,537,944, Jan. 16.
Sequence control circuit. H. M. Maynard. 2,538,789, Jan. 23.
Sequence control for landing gears. J. R. Clifton and S. R. Parker. 2,552,843, May 15.
Sequence switch apparatus. W. W. Calhoun. 2,561,686, July 24.
Sequential control system for soot blowers. C. L. Howse. 2,565,689, Aug. 28.
Sequential pulse generator. C. C. Shumard. 2,573,813, Nov. 6.
Sequentially controlling the throttle, clutch, and reverse drive mechanism of an internal combustion motor. M. G. Reese. 2,561,949, July 24.
Serialographic apparatus and X-ray equipment embodying same. R. J. Mueller and I. Burgeson. 2,552,858, May 15.
Series capacitor protection. J. B. Owens and W. E. Large. 2,547,228, Apr. 3.
Series capacitor protective scheme for tie lines. S. B. Crary. 2,579,303, Dec. 18.
Series-capacitor protective system. R. E. Marbury and J. B. Owens. 2,546,008, Mar. 20.
Series capacitor protective system. L. Podolsky. 2,569,133, Sept. 25.
Series distillation process. J. Loumiet et Lavigne. 2,574,116, Nov. 6.
Series electronic switch. J. H. Felker. 2,570,225, Oct. 9.
Server, Dry cereal. C. E. Flinchbaugh. 2,543,452, Feb. 27.
Service head fitting. C. E. Schuman. 2,546,348, Mar. 27.
Service signal for restaurants and the like. R. E. Mallory. 2,579,686, Dec. 25.
Service unit for hot foods. A. J. Murray. 2,545,528, Mar. 20.
Service unit, Portable beauty. J. S. Staten, Jr. 2,553,794, May 22.
Servicing installation for winders. W. B. McGuire. 2,536,510, Jan. 2.
Servicing machine for building tires. E. C. Kastner. 2,558,903, July 3.
Servicing mechanism for vehicles. N. M. Lawless. 2,567,672, Sept. 11.
Serving machine. S. J. Woods. 2,579,993, Dec. 25.
Serving tool. H. L. Kitselman. 2,567,907, Sept. 11.
Servo-anemometer device. E. F. G. Garnier. 2,537,580, Jan. 9.
Servo electric brake. A. E. Stocker. 2,555,664, June 5.
Servomechanism. J. J. Root. 2,539,525, Jan. 30.
Servo mechanism and control means therefor. G. Briggs. 2,545,223, Mar. 13.
Servomotor. C. L. Norden and T. H. Barth. 2,573,593, Oct. 30.
Servomotor. G. Östergren. 2,536,565, Jan. 2.
Servomotor. E. A. Rockwell. 2,537,483, Jan. 9.
Servomotor, Adjustable speed fluid actuated. S. L. Gillespie. 2,542,765, Feb. 20.
Servomotor and control valve therefor, Hydraulic. A. F. Marshall and H. A. Rees. 2,544,035, Mar. 6.
Servomotor and valve device. E. A. Rockwell. 2,548,496, Apr. 10.
Servomotor control system, Stabilized. H. Ziebolz. 2,542,787, Feb. 20.
Servomotor, Fluid pressure. R. Westbury. 2,566,273, Aug. 28.
Servomotor, Follow-up. E. A. Rockwell. 2,553,210, May 15.
Servomotor, Follow-up pneumatic. R. D. Wyckoff. 2,570,624, Oct. 9.
Servomotor, Follow-up type. G. W. Mork. 2,578,727, Dec. 18.
Servomotor mechanism, Hydraulic. O. E. Schurr. 2,540,381, Feb. 6.
Servomotor, Position control. W. D. Teague, Jr. 2,542,167, Feb. 20.
Servomotor, Pressure fluid. A. J. Nelson. 2,560,813, July 17.
Servomotor, Pressure fluid follow-up. C. Johnson. 2,536,184, Jan. 2.
Servomotor, Pressure fluid follow-up. W. G. Lisle and C. R. Churn. 2,551,273, May 1.
Servomotor, Pressure fluid operated. F. M. Hogue. 2,567,603, Sept. 11.
Servomotor, Pressure fluid type follow-up. B. N. Ashton. 2,572,902, Oct. 30.
Servomotor, Remotely operated hydraulic. R. Westbury. 2,563,295, Aug. 7.
Servomotor with light responsive follow-up means, Pressure fluid. C. O. Fairchild. 2,538,618, Jan. 16.
Servo power actuator. E. A. Rockwell. 2,564,281, Aug. 14.
Servo power actuator, Electrically operated. N. D. Cooper. 2,556,318, June 12.
Servo-power application to dies of die-casting machines. L. H. Morin. 2,569,863, Oct. 2.
Servo pressure regulator valve. J. Mercier. 2,571,154, Oct. 16.
Servoram of the follow-up type. E. J. Carleton. 2,554,614, May 29.
Servo system, Backlash-compensated. J. A. Peoples, Jr. 2,537,083, Jan. 9.
Servo system with fine and coarse adjustment. K. B. Eller. 2,561,654, July 24.
Servo system with saturable core component. J. P. Palmer. 2,559,513, July 3.
Servo unit. W. L. Huntington. 2,549,815, Apr. 24.
Set mechanism for the head block knees of a sawmill carriage, Hydraulically operated. H. G. Roberts. 2,548,067, Apr. 10.
Set of colored blocks for playing a game. J. S. O'Keefe. 2,540,211, Feb. 6.
Set of game pieces. G. F. Buck. 2,571,195, Oct. 16.
Setscrew. H. W. Goff. 2,572,613, Oct. 23.
Set screw with key extension. N. A. Bottome. 2,560,080, July 10.
Set shift device. L. Bordigoni. 2,542,895, Feb. 20.
Set trigger mechanism. E. E. Miller. 2,558,872, July 3.
Set trigger mechanism for firearms. M. H. Canjar. 2,556,025, June 5.
Setter and winder, Watch stem. J. H. Ruther. 2,567,580, Sept. 11.
Setting and binding material and its manufacture. H. Weber. 2,574,507, Nov. 13.
Setting device for the type levers in calculating machines. E. Benninger. 2,561,646, July 24.
Setting in operation of an automatic telephonograph over a telephone circuit. Method of and arrangement for the coded remote. M. Handschin and K. Wagner. 2,537,407, Jan. 9.
Setting machine and measuring apparatus, Coordinate. O. S. Reading. 2,570,275, Oct. 9.
Setting means for endless type members. H. I. Lippard. 2,569,013, Sept. 25.
Setting of tool for brake drum machining. E. L. Stacey. 2,569,873, Oct. 2.
Setting the weight of scales. J. C. A. R. da Costa Gomes. 2,551,422, May 1.
Setting tool. E. Walters. 2,573,235, Oct. 30.
Setting type shutter with power-operated release means and flash synchronizing switch. C. C. Fuerst. 2,563,782, Aug. 7.
Settee and chair, Reversible. K. E. Hand. 2,544,787, Mar. 13.
Settler. C. H. Scott. 2,557,316, June 19.
Settling device. J. P. Kolb. 2,566,988, Sept. 4.
Settling tank. J. C. Séailles. 2,573,615, Oct. 30.

7 - chloro - 4 - [5 - (N - ethyl - N - 2 - hydroxyethylamino)-2-pentyl]aminoquinoline, its acid addition salts, and preparation. A. R. Surrey. 2,546,658, Mar. 27.
7-chloro-6-ethoxy-3-heptenoic acid nitrile. G. E. Tabet. 2,570,886, Oct. 9.
7-dehydrocholesterol, Production of. K. H. Shaaf. 2,542,291, Feb. 20.
7-dehydrosterols and esters, Preparing. J. A. K. Buisman. 2,579,295, Dec. 18.
7-dehydrosterols, Producing. W. L. Ruigh and D. H. Gould. 2,546,787, Mar. 27.
7-dehydrosterols, Production of. K. H. Schaaf. 2,546,788, Mar. 27.
7-halogen-osterols, Production of. S. Pickholz, and E. Roberts. 2,568,025, Sept. 18.
7 - hydroxy - 1 :2 - dialkyl - hydrophenanthrene - 2 - carboxylic acids, Preparation of. K. Miescher and J. Heer. 2,570,582, Oct. 9.
7-hydroxyphenothiazone-3, Preparation of. D. F. Houston and E. B. Kester. 2,559,624, July 10.
17-(α)-hydroxy-20-keto-pregnane compounds and preparing the same. L. H. Sarett. 2,541,105, Feb. 13.
17-(α)-hydroxy-20-ketosteroids and process. L. H. Sarett. 2,541,104, Feb. 13.
17-Hydroxy 20-keto steroid compounds, Production of. T. F. Gallagher and T. H. Kritchevsky. 2,562,030, July 24.
17-ketosteroid mercaptols. R. H. Levin. 2,550,702, May 1.
17-monobenzoate ester of $\Delta^{5,6}$-androstene-3,17-diol, Production of the. R. Wechsler and J. Levy. 2,565,670, Aug. 28.
Severing and clamping mechanism for knitting machines, Yarn. E. F. Miller. 2,551,385, May 1.
Severing and end sealing a tube. I. W. Cox and L. D. Drugmand. 2,568,911, Sept. 25.
Severing sections from compressible materials, Method and apparatus for. D. H. Skeoch. 2,565,400, Aug. 21.
Severing tubes of resilient material. A. R. Metzler. 2,539,372, Jan. 23.
Sewage disposal equipment. J. O'Donnell. 2,545,301, Mar. 13.
Sewage disposal plant. A. Yonner. 2,553,228, May 15.
Sewage disposal system. W. Rimann. 2,551,395, May 1.
Sewage distillation process. S. T. Kobernick. 2,579,932, Dec. 25.
Sewage treatment. J. G. Bevan. 2,559,704, July 10.
Sewage treatment. H. E. Schlenz. 2,562,510, July 31.
Sewage treatment system. R. R. Baxter and M. A. Milling. 2,574,685, Nov. 13.
Sewer flooding control apparatus. E. C. Hanson. 2,550,924, May 1.
Sewer pipe cutting mechanism. J. L. Child, Jr. 2,544,254, Mar. 6.
Sewer rod reel. L. L. Loomis. 2,577,532, Dec. 4.
Sewing attachment for sewing machines, Button. M. E. Harris. 2,565,813, Aug. 28.
Sewing attachment, Hat sweat. O. B. Reid. 2,546,135, Mar. 20.
Sewing box. E. G. St. Germain. 2,565,893, Aug. 28.
Sewing cabinet. A. B. Bell. 2,564,949, Aug. 21.
Sewing kit. M. B. Peake. 2,537,940, Jan. 9.
Sewing machine. S. Adler. 2,561,643, July 24.
Sewing machine. J. Armenti. 2,550,322, Apr. 24.
Sewing machine. A. Austlid. 2,579,248, Dec. 18.
Sewing machine. M. Chinnici. 2,549,057, Apr. 17.
Sewing machine. N. V. Christensen and C. C. Smith. 2,548,869, Apr. 17.
Sewing machine. S. Erdelyi. 2,574,381, Nov. 6.
Sewing machine. O. R. Haas. 2,557,102, June 19.
Sewing machine. G. C. Lennox. 2,572,635, Oct. 23.
Sewing machine. R. C. Robert. 2,546,212, Mar. 27.
Sewing machine. R. C. Robert. 2,554,895, May 29.
Sewing machine. B. A. Schmitt. 2,557,844, June 19.
Sewing machine attachment. N. Bates. 2,569,396, Sept. 25.
Sewing machine attachment. S. Cohen. 2,548,144, Apr. 10.
Sewing-machine attachment. W. T. Gensheimer. 2,547,639, Apr. 3.
Sewing-machine attachment. H. H. Russell. 2,574,661, Nov. 13.
Sewing-machine attachment. J. Schaad. 2,542,212, Feb. 20.
Sewing machine attachment, Chenille stitching. G. D. and R. F. Dedmon. 2,546,357, Mar. 27.
Sewing machine attachment, Zigzag. A. Gellman and S. Diesenhaus. 2,545,658, Mar. 20.
Sewing machine, Buttonhole. M. C. Rich. 2,573,359, Oct. 30.
Sewing-machine cabinet. W. J. Peets. 2,565,456, Aug. 21.
Sewing machine, Carpet. M. F. Ashley and E. W. Fearing. 2,575,327, Nov. 20.
Sewing machine, Chenille. J. Montgomery. 2,540,901, Feb. 6.
Sewing machine, Chenille. J. Montgomery. 2,573,043, Oct. 30.
Sewing-machine driving mechanism. A. N. Hale. 2,546,393, Mar. 27.
Sewing machine feed mechanism. S. Erdelyi. 2,551,108, May 1.
Sewing machine guide attachment. G. Becker. 2,552,133, May 8.
Sewing machine hook mechanism. R. K. Hohmann. 2,544,227, Mar. 6.
Sewing machine, Label. J. Vollman and H. Gunther. 2,548,692, Apr. 10.
Sewing machine, Loop lock. F. Pravda. 2,541,608, Feb. 13.
Sewing machine, Multiple needle. J. Brussell. 2,563,916, Aug. 14.
Sewing machine needle bar operating mechanism. S. Adler. 2,554,971, May 29.
Sewing machine, Needle feed. A. C. Peterson and C. C. Smith. 2,577,430, Dec. 4.
Sewing machine needle guard. E. W. Sampson. 2,541,549, Feb. 13.
Sewing machine, Portable. H. Scott, 2,573,499, Oct. 30.
Sewing machine presser foot. T. Loew. 2,570,464, Oct. 9.
Sewing machine presser-foot automatic control attachment. A. Chicketti. 2,562,771, July 31.
Sewing-machine presser-foot mechanism. J. M. Washburn. 2,549,269, Apr. 17.
Sewing machine pressure bar. S. Adler. 2,554,970, May 29.
Sewing machine, Shoe. A. S. Clark. 2,542,993, Feb. 27.
Sewing machine, Shoe. J. L. Dilger. 2,564,678, Aug. 21.
Sewing machine, Shoe. O. R. Haas. 2,551,599, May 8
Sewing machine, Shoe. M. Muc. 2,562,810, July 31.
Sewing machine throat plate retaining means. R. Casas-Robert. 2,569,091, Sept. 25.
Sewing machine with chain stitch cutter. F. Vanadia. 2,579,059, Dec. 18.
Sewing machine with intermittent shirring attachment. A. L. Plamondon, K. H. Wakefield, and W. A. Plamondon. 2,552,647, May 15.
Sewing machine work-holding attachment for darning and embroidering. R. E. Johnson. 2,580,101, Dec. 25.
Sewing machine, Zig-Zag. J. Jocsak and H. F. Fox. 2,559,439, July 3.
Sewing spacer for buttons. E. K. Lane, Jr. 2,558,966, July 3.
Sextant attachment. C. W. Baldock. 2,544,441, Mar. 6.
Sextant hatch. P. F. Everitt and G. R. Jamieson. 2,578,234, Dec. 11.
Shackle padlock, Flexible. L. E. E. Gossner. 2,574,967, Nov. 13.
Shackle seal. A. di Palma. 2,538,508, Jan. 16.
Shade cover. A. H. Le Blanc. 2,561,024, July 17.
Shade roller winder. V. P. Brown. 2,570,638, Oct. 9.
Shade-roller wrench. L. F. Hribar. 2,567,563, Sept. 11.
Shade, Self-contained rising. M. F. Camp. 2,547,373, Apr. 3.
Shade, Sliding automobile. J. N. Schrock. 2,559,471, July 3.
Shade structure, Louvered. L. S. Eschrich. 2,577,317, Dec. 4.
Shaded pole electric motor. M. E. Schlenker and P. W. Ryburn. 2,537,093, Jan. 9.
Shaded pole motor. C. B. Walworth, Jr. 2,543,816, Mar. 6.
Shadow box device for traveling letter signs. G. M. Pierce. 2,552,112, May. 8.
Shaft and universal joint assembly, Propeller. A. A. Warner. 2,559,485, July 3.
Shaft bearing. D. Firth. 2,543,905, Mar. 6.
Shaft bearing. E. A. Hallstrand. 2,570,117, Oct. 2.
Shaft closing for lifts. J. H. Helling. 2,562,094, July 24.
Shaft construction, Lay. S. K. Hoffman and H. Caminez. 2,567,482, Sept. 11.
Shaft control device. W. L. Vervest and G. H. Waarlé 2,547,184, Apr. 3.
Shaft coupler. L. A. Collis. 2,537,120, Jan. 9.
Shaft coupling. R. C. Dehmel. 2,570,776, Oct. 9.
Shaft coupling. H. R. Etzler. 2,552,038, May 8.
Shaft coupling. J. W. Goff. 2,551,735, May 8.
Shaft coupling. A. L. Highberg. 2,565,558, Aug. 28.
Shaft coupling. R. M. Kingman. 2,551,328, May 1.
Shaft coupling. D. P. Lower. 2,543,918, Mar. 6.
Shaft coupling. F. A. Thiel, Jr. 2,545,562, Mar. 20.
Shaft cutting and centering machine. C. F. Crawford, H. A. Potts, and G. V. Price. 2,545,344, Mar. 13.
Shaft drive for internal-combustion engines and the like. S. Rzepela. 2,579,969, Dec. 25.
Shaft, Extensible. W. M. Shoffner. 2,567,127, Sept. 4.
Shaft for fishing rods. A. M. Howald and L. S. Meyer. 2,571,717, Oct. 16.
Shaft gland. E. Kinsella. 2,571,257, Oct. 16.
Shaft holder. E. C. Dailey. 2,568,952, Sept. 25.
Shaft keying and locking construction. J. S. Kessler. 2,576,298, Nov. 27.
Shaft measuring tool. J. C. H. Maheux. 2,578,011, Dec. 11.
Shaft motion mechanism for looms. J. C. Iwald. 2,577,126, Dec. 4.
Shaft mounting means, Adjustable. S. D. Pool and C. D. Prosser. 2,569,193, Sept. 25.
Shaft-operated fluid-flow mechanism and the like and shaft-sealing means therefor. L. W. Smith. 2,554,595, May 29.
Shaft or pin locking mechanism. C. S. Bouchard. 2,543,148, Feb. 27.
Shaft packing. P. S. Baldwin. 2,552,391, May 8.
Shaft positioning apparatus. A. A. Collins. 2,546,980, Apr. 3.
Shaft positioning apparatus. R. W. May. 2,536,070, Jan. 2.

Shaft rotation indicating circuit. W. A. Higinbotham and F. F. Slack. 2,548,790, Apr. 10.
Shaft seal. J. J. Davis. 2,538,672, Jan. 16.
Shaft seal. G. Fast. 2,571,352, Oct. 16.
Shaft seal. M. M. Holben. 2,556,393, June 12.
Shaft seal. E. F. Norelius. 2,568,897, Sept. 25.
Shaft seal. E. von Bolhar. 2,547,185, Apr. 3.
Shaft seal arrangement. R. B. Wade. 2,541,850, Feb. 13.
Shaft seal mechanism. L. J. Weber. 2,577,292, Dec. 4.
Shaft seal, Rotary. A. A. Farhat. 2,547,633, Apr. 3.
Shaft seal, Rotary. G. A. Peeps, Jr., and R. J. Melcher. 2,552,689, May 15.
Shaft testing machine. T. Hearn. 2,547,940, Apr. 10.
Shaft, Variable diameter winder. C. W. Miller. 2,558,689, June 26.
Shaft, Water-cooled. R. W. Coward. 2,549,174, Apr. 17.
Shaker. F. Krause and W. N. Calhoun. 2,552,188, May 8.
Shaker and cleaner, Bottle crate. A. C. Davis. 2,549,062, Apr. 17.
Shaker and dispenser, Sugar. V. M. Llorens. 2,578,010, Dec. 11.
Shaker, Cocktail. A. D. Mortrude. 2,577,976, Dec. 11.
Shaker table for combines or threshers. T. N. Bjorndahl. 2,574,010, Nov. 6.
Shaker with guided filling and intercepting baffle, Salt. V. A. Kasin. 2,558,442, June 26.
Shaker with two-piece bottom closure, Combination pepper-and-salt. M. E. Varga. 2,567,455, Sept. 11.
Shale distillation with fluidized residue treatment. H. V. Atwell. 2,544,912, Mar. 13.
Shank grip, slidable jaw wrench. W. Sarvie. 2,574,227, Nov. 6.
Shank piece for shoes. R. P. Schwartz. 2,558,317, June 26.
Shank pouring pot. H. Wallis. 2,556,125, June 5.
Shank press. M. Repice. 2,551,161, May 1.
Shank slotter. W. Stern. 2,540,058, Jan. 30.
Shank stiffener for shoes. C. H. Grimshaw. 2,570,795, Oct. 9.
Shape cutting machine. H. W. and L. R. West. 2,546,116, Mar. 20.
Shape-forming apparatus. D. Marvosh. 2,543,184, Feb. 27.
Shaped articles, Production of. E. Stirnemann. 2,577,381, Dec. 4.
Shaped chair. E. Saarinen. 2,541,835, Feb. 13.
Shaper attachment. J. R. Tackett and V. G. Evans. 2,545,393, Mar. 13.
Shaper for trousers. J. Mastrillo. 2,573,979, Nov. 6.
Shaping and annealing glass articles. G. W. Batchell. 2,551,311, May 1.
Shaping meats. M. Lebovitz. 2,565,245, Aug. 21.
Shaping mold. J. E. Jendrisak. 2,554,572, May 29.
Shaping the bores of mouthpieces. W. Gemeinhardt. 2,558,649, June 26.
Shaping unicrystalline bodies of material such as corundum and spinel. G. H. Smith and D. M. Yenni. 2,537,165, Jan. 9.
Shaping vitreous tubes. A. Greiner. 2,561,859, July 24.
Sharp frequency discriminator. R. Crane, Jr. 2,561,182, July 17.
Sharp pulses, Production of. I. E. Grosdoff. 2,570,442, Oct. 9.
Sharpener, Blade. N. F. Garbarino. 2,557,093, June 19.
Sharpener, Cutlery. J. F. Bosquet. 2,565,196, Aug. 21.
Sharpener, Dental instrument. D. Thompson. 2,549,263, Apr. 17.
Sharpener, Electric pencil. R. R. Harrison. 2,545,779, Mar. 20.
Sharpener, File. F. C. Foss. 2,552,164, May 8.
Sharpener for disk plows and the like. L. C. Peddicord. 2,541,829, Feb. 13.
Sharpener for flexible double-edged razor blades. T. F. Williams. 2,560,201, July 10.
Sharpener, Hypodermic needle. G. W. Jacoby, Jr. 2,565,309, Aug. 21.
Sharpener, Ice skate. C. W. Brown. 2,550,765, May 1.
Sharpener, Knife. G. A. Brinkley. 2,559,273, July 3.
Sharpener, Knife. J. A. Cahil. 2,544,777, Mar. 13.
Sharpener, Knife. F. R. Chester. 2,565,353, Aug. 21.
Sharpener, Lead. D. J. Fugle. 2,557,646, June 19.
Sharpener, Meat grinding blade. H. E. Watkins. 2,545,399, Mar. 13.
Sharpener, Pencil. H. L. Adams. 2,545,221, Mar. 13.
Sharpener, Pencil. H. Horowitz. 2,544,319, Mar. 6.
Sharpener, Pencil. E. J. Markvart. 2,571,738, Oct. 16.
Sharpener, Pencil. E. J. Markvart and A. P. Solem. 2,572,875, Oct. 30.
Sharpener, Pencil lead. H. M. McClure. 2,543,249, Feb. 27.
Sharpener, Rotary disk. W. A. Frusher. 2,565,916, Aug. 28.
Sharpener, Scissors. W. M. Littleton. 2,556,202, June 12.
Sharpener, Scissors. V. Trapani and H. Krohm. 2,544,193, Mar. 6.
Sharpening apparatus, Drill. J. A. Smith. 2,536,823, Jan. 2.
Sharpening device, Razor blade. A. San Cristóval. 2,566,909, Sept. 4.
Sharpening machine. T. H. Smith. 2,564,796, Aug. 21.
Sharpening machine, Cutter. R. E. Borchardt. 2,544,652, Mar. 13.
Sharpening machine, Saw. T. W. Lewis. 2,543,504, Feb. 27.
Sharpening mechanism for cutting machines, Knife. F. G. Clark. 2,537,208, Jan. 9.
Shaver. F. P. Musso. 2,556,208, June 12.
Shaver, Dry. E. Gagnan. 2,549,591, Apr. 17.
Shaver, Eyebrow. T. E. Crawford. 2,547,376, Apr. 3.
Shaver, Ice. A. R. Gross, Jr. 2,565,226, Aug. 21.
Shaver, Mechanically operated. I. Lonne. 2,568,287, Sept. 18.
Shaver, Nipper type dry. E. J. Beyer and G. M. Baumann. 2,553,741, May 22.
Shaver or razor, Electric. B. F. Williamson and A. W. St. Jacques. 2,555,621, June 5.
Shaver, Watch pocket. F. T. Evans. 2,547,077, Apr. 3.
Shaving apparatus. V. R. Abrams and J. Lorenz. 2,575,741, Nov. 20.
Shaving apparatus. L. B. V. Brange and B. E. Sjöstrand. 2,577,873, Dec. 11.
Shaving apparatus, Electric. B. Odstrčil. 2,565,697, Aug. 28.
Shaving crown gears by rocking. D. D. Austin, Sr. 2,547,517, Apr. 3.
Shaving crown gears by rocking and traverse. D. D. Austin, Sr. 2,536,343, Jan. 2.
Shaving device. E. N. Nordhem. 2,544,897, Mar. 13.
Shaving device. H. Thirring. 2,577,383, Dec. 4.
Shaving device, Electric. W. Wussow. 2,543,145, Feb. 27.
Shaving device, Electrical. E. G. Berg. 2,574,316–17, Nov. 6.
Shaving device, Manually operated dry. F. W. Knowles. 2,566,214, Aug. 28.
Shaving device, Motor operated. J. A. C. Galvao. 2,574,472, Nov. 13.
Shaving gears. W. S. Praeg. 2,554,752, May 29.
Shaving guide. J. H. Cohen. 2,550,972, May 1.
Shear and the like, Secateur or pruning. G. F. Lawrence. 2,561,803, July 24.
Shear diaphragm relief union. A. R. Nedoh. 2,553,267, May 15.
Shear guide for cutting cloth. H. W. Gilbert. 2,565,364, Aug. 21.
Shear, Hedge. R. E. Herr. 2,569,001, Sept. 25.
Shear Mechanism for headers. J. H. Friedman. 2,568,438, Sept. 18.
Shear pin. R. C. Wright. 2,566,690, Sept. 4.
Shear press. W. G. Wehr. 2,539,602, Jan. 30.
Shearing machine. V. B. and K. E. Graham. 2,552,958, May 15.
Shearing machine. V. B. and K. E. Graham. 2,557,098, June 19.
Shearing machine. H. H. Merwin. 2,579,750, Dec. 25.
Shearing machine, Rotary steel scrap. F. R. McFarland. 2,580,115, Dec. 25.
Shears. H. D. Evans. 2,542,125, Feb. 20.
Shears. P. Franko. 2,563,461, Aug. 7.
Shears. O. H. Pearson. 2,548,320, Apr. 10.
Shears. C. H. Williams. 2,579,773, Dec. 25.
Shears and the like, Pruning. G. Dolansky. 2,563,590, Aug. 7.
Shears, Cutting. H. R. Howell. 2,566,492, Sept. 4.
Shears, Foot operated. W. F. Altenpohl, Jr. 2,542,384, Feb. 20.
Shears for pinking, Hand. E. M. Wallace. 2,578,616, Dec. 11.
Shears for producing zigzag cuts. F. W. See. 2,574,066, Nov. 6.
Shears, Grass. C. Sekely. 2,578,606, Dec. 11.
Shears, Hand-power. R. H. McCoy. 2,564,269, Aug. 14.
Shears, Heavy metal. C. R. Compton. 2,564,154, Aug. 14.
Shears, Manufacturing pinking. C. F. Ern, Jr. 2,565,552, Aug. 28.
Shears, Metal-cutting. W. M. Shoffner. 2,567,129, Sept. 4.
Shears, Pinking. A. J. de Angelis and F. W. See. 2,564,251, Aug. 14.
Shears, Pinking. A. A. Lincoln. 2,564,537, Aug. 14.
Shears, Pinking. M. V. Spash. 2,543,423, Feb. 27.
Shears, Pruning. J. Kovacevich. 2,557,506, June 19.
Shears, Rotary flying. E. Henschker, and F. Hachenburg. 2,568,333, Sept. 18.
Shears, Tapering and thinning. J. H. Metcalf. 2,558,264, June 26.
Sheath removable machine. R. S. Baker. 2,559,387, July 3.
Sheathed flexible sheet. L. L. Salfisberg. 2,565,887, Aug. 28.
Sheathing electric conductors. M. Descarsin. 2,545,877, Mar. 20.
Sheave. W. K. Holleron and W. L. Buckley. 2,567,562, Sept. 11.
Sheave assembly. H. B. Rudolph. 2,554,348, May 22.
Sheave construction. J. F. Vasselin. 2,577,547, Dec. 4.
Sheave pulley and drum. P. Orzel. 2,536,389, Jan. 2.
Shed, Transit. E. C. Gribble. 2,551,263, May 1.
Shedding mechanism for looms. O. Firing and L. M. Dorman. 2,552,418, May 8.
Sheepskinning process. R. P. Stow. 2,544,437, Mar. 6.
Sheet advancing means for duplicating machines, Master. H. Jagger. 2,536,606, Jan. 2.
Sheet and envelope feeding device. F. J. Furman. 2,558,947, July 3.

Sheet-arresting mechanism for photographic apparatus. M. N. Fairbank. 2,543,159, Feb. 27.
Sheet assembly method. C. W. Brenn. 2,557,723, June 19.
Sheet, Bed. M. B. Black. 2,569,627, Oct. 2.
Sheet clamping means for polishing machines. R. Chaplik. 2,555,317, June 5.
Sheet collating mechanism. T. E. Phythian. 2,561,070, July 17.
Sheet collator. A. Dager. 2,578,176, Dec. 11.
Sheet controlled interrupter for offset printing presses. C. W. Harrold and A. B. Woodruff. 2,578,700, Dec. 18.
Sheet cutting means. R. MacHenry. 2,550,836, May 1.
Sheet deflecting mechanism. C. H. Skinner. 2,563,498, Aug. 7.
Sheet delivery and assembly apparatus. P. G. Stimson and J. T. Davidson. 2,576,152, Nov. 27.
Sheet delivery and stacking. L. H. Haskin, Jr. 2,576,013, Nov. 20.
Sheet delivery control for cutoff mechanisms. W. H. Cleaver. 2,561,097, July 17.
Sheet detector control mechanism for printing presses. W. W. Davidson. 2,539,382, Jan. 30.
Sheet fed offset perfecting press. C. W. Harrold and A. S. Harris. 2,540,667, Feb. 6.
Sheet feed interrupter means for printing presses. R. F. Aberle. 2,564,591, Aug. 14.
Sheet feeder for collator. P. L. Barensfield and M. A. Nader. 2,562,999, Aug. 7.
Sheet feeding and positioning mechanism. J. de la Fuente Tejedo. 2,549,293, Apr. 17.
Sheet feeding apparatus. L. Baker. 2,556,895, June 12.
Sheet feeding apparatus. L. Baker and W. E. Schneider. 2,564,417, Aug. 14.
Sheet feeding apparatus. L. H. Morse. 2,561,030, July 17.
Sheet feeding apparatus for printing presses or the like. Y. A. F. Danielsson. 2,566,175, Aug. 28.
Sheet feeding device. E. H. Dreher. 2,537,747, Jan. 9.
Sheet feeding machine. H. Bobst. 2,549,364, Apr. 17.
Sheet feeding machine. B. Dunn. 2,543,836, Mar. 6.
Sheet feeding machine. S. Gaynor. 2,545,351, Mar. 13.
Sheet feeding mechanism. A. P. Battey. 2,554,320, May 22.
Sheet feeding mechanism. E. S. Tascher. 2,559,235, July 3.
Sheet feeding mechanism for printing presses. W. W. Davidson. 2,561,015, July 17.
Sheet folding machine. R. L. Sjostrom. 2,545,798, Mar. 20.
Sheet gathering machine. H. T. Honig. 2,558,685, June 26.
Sheet gripper for cylinder presses. J. J. Isella. 2,575,172, Nov. 13.
Sheet handling apparatus. R. D. Osgood. 2,564,027, Aug. 14.
Sheet handling device for flat-bed duplicating machines, Reciprocating. H. Jagger. 2,536,605, Jan. 2.
Sheet handling mechanism for bed and cylinder printing machines. F. Spence. 2,576,421, Nov. 27.
Sheet holder. B. K. Slonneger. 2,553,948, May 22.
Sheet holder. B. K. Slonneger. 2,568,564–5, Sept. 18.
Sheet holder. B. K. Slonneger. 2,570,397, Oct. 9.
Sheet inserter for identifying the contents of shipping containers. R. S. Bye. 2,567,181, Sept. 11.
Sheet marking apparatus. B. R. Davis. 2,558,542, June 26.
Sheet material conveying and supporting means. V. A. Fox. 2,576,218, Nov. 27.
Sheet material cutting device. R. P. Kipp. 2,568,961, Sept. 25.
Sheet material, Manufacture of composite. U. C. Haren. 2,540,201, Feb. 6.
Sheet material useful for protective garments and the like, Reflex-reflective. P. V. Palmquist, A. F. Schmelzle, and R. S. Bye. 2,567,233, Sept. 11.
Sheet material with weakened tearing line. C. Nicolle. 2,546,698, Mar. 27.
Sheet metal brake. R. L. Berkson. 2,564,459, Aug. 14.
Sheet metal bread box. L. Hermani. 2,565,129, Aug. 21.
Sheet metal clamp. F. C. Wallace. 2,569,392, Sept. 25.
Sheet metal cutter. R. Vosen and E. Philippi. 2,560,673, July 17.
Sheet metal drawer head construction. C. O. Myer. 2,556,099, June 5.
Sheet metal feeding device. R. Van Schie. 2,562,247, July 31.
Sheet metal forming mechanism. D. R. Taylor. 2,545,904, Mar. 20.
Sheet metal handle. H. E. Brandt. 2,562,765, July 31.
Sheet metal handling tool. J. G. Miller. 2,549,918, Apr. 24.
Sheet metal hollow ware, Making. A. C. Scavullo. 2,573,737, Nov. 6.
Sheet metal lifting tool. W. J. Stachura. 2,567,356, Sept. 11.
Sheet metal multiple gas burner. J. W. Miller. 2,541,710, Feb. 13.
Sheet metal nut. H. T. Hughes. 2,561,473, July 24.
Sheet-metal oven gas burner. H. M. Reeves. 2,560,777, July 17.
Sheet metal panel. E. G. and W. H. Gerner. 2,572,257, Oct. 23.
Sheet metal panel straightening device. H. M. Reeves. 2,571,292, Oct. 16.
Sheet metal reel. F. R. Schaefer. 2,574,845, Nov. 13.
Sheet metal reforming roller, Portable. V. E. Robbins. 2,543,259, Feb. 27.
Sheet metal snap fastener. H. T. Burdick. 2,560,530, July 10.
Sheet metal snap fastener. G. A. Tinnerman. 2,578,381, Dec. 11.
Sheet metal spring clip. L. H. Flora and R. A. Hartman. 2,537,662, Jan. 9.
Sheet metal spring clip. G. A. Tinnerman. 2,579,279, Dec. 18.
Sheet metal working device. R. L. Hollaway. 2,579,188, Dec. 18.
Sheet metal working tool. F. R. Bartlo. 2,543,347, Feb. 27.
Sheet pallet stacker. G. W. Rydner. 2,576,482, Nov. 27.
Sheet-perforating machine, Electrostatic. L. J. Monty. 2,553,203, May 15.
Sheet piler. F. K. Schefe. 2,560,252, July 10.
Sheet polishing apparatus and process. R. P. Piperoux, W. P. Moeller, and D. B. Hertz. 2,574,588, Nov. 13.
Sheet realigning attachment for typewriters. G. I. Pierce. 2,578,088, Dec. 11.
Sheet separating and feeding mechanism. R. T. Chatterton. 2,541,985, Feb. 20.
Sheet separating device. G. R. Robinson. 2,569,387, Sept. 25.
Sheet separating mechanism. A. P. Battey. 2,563,450, Aug. 7.
Sheet sorting mechanism. E. G. Harrison. 2,550,245, Apr. 24.
Sheet stacking and conveying machine. W. W. Wagner, Jr., and H. B. Greenwood. 2,540,971–2, Feb. 6.
Sheet stacking device. W. J. Bradford and O. Wahl. 2,572,980, Oct. 30.
Sheet tail accelerating device for sheet feeders. J. R. Wood. 2,571,805–6, Oct. 16.
Sheet tearing device. R. L. Sjostrom. 2,538,984, Jan. 23.
Shelf. A. L. Goldsmith. 2,568,148, Sept. 18.
Shelf and wall protector, Combined. N. G. and W. J. Keller. 2,580,103, Dec. 25.
Shelf attachment for containers, Under. J. Shapiro. 2,557,801, June 19.
Shelf attachment for toasters. J. P. Bunce. 2,556,520, June 12.
Shelf, Bedside clock. C. E. Freshwater. 2,538,449, Jan. 16.
Shelf bracket. J. G. L. Skar. 2,551,062, May 1.
Shelf, Bracket. L. D. Watkins. 2,544,203, Mar. 6.
Shelf, Clinker. I. L. and J. Meilleur. 2,545,825, Mar. 20.
Shelf construction for food mixers, Sliding. R. B. Marshall. 2,549,617, Apr. 17.
Shelf divider. E. H. McKeehan. 2,538,908, Jan. 23.
Shelf for beds, Blanket. I. W. Ries. 2,562,333, July 31.
Shelf for bedsteads. R. H. McMurtrie. 2,551,151, May 1.
Shelf for refrigerators, ovens, storage cabinets, and the like. C. E. Hickman. 2,568,153, Sept. 18.
Shelf for stepladder, Adjustable. R. T. Stewart. 2,577,718, Dec. 4.
Shelf for vehicle bodies. T. R. Wilkinson. 2,568,046, Sept. 18.
Shelf mounting structure. H. T. Burdick. 2,560,211, July 10.
Shelf, Movable. H. J. Miller. 2,549,984, Apr. 24.
Shelf, Portable. H. Hudson. 2,556,922, June 12.
Shelf, Removable. G. C. Harbison. 2,564,478, Aug. 14.
Shelf, Sliding. D. V. A. Ferguson. 2,564,473, Aug. 14.
Shelf, Spice container supporting. E. I. Hill. 2,562,667, July 31.
Shelf structure, Knockdown. J. H. Johnson. 2,560,957, July 17.
Shelf structure, Wall mounted. L. E. Fulton, 2,568,147, Sept. 18.
Shelf support. J. de Swart. 2,542,753, Feb. 20.
Shelf support. J. de Swart. 2,553,960, May 22.
Shelf supporting arrangement. R. J. Carbary. 2,570,097, Oct. 2.
Shelf, Swing-down. E. Brack. 2,558,416, June 26.
Shelf, Variety. A. Hoglund. 2,564,259, Aug. 14.
Shelf with self-latching safety catch, Range. C. R. Graham. 2,566,765, Sept. 4.
Shelving. H. S. Rhett. 2,556,105, June 5.
Shelving. H. A. Schofield. 2,579,052, Dec. 18.
Shelving structure. M. Roggero. 2,547,597, Apr. 3.
Shelving, Vertically adjustable. H. O. Lundqvist. 2,577,138, Dec. 4.
Shell, Armor-piercing and incendiary. W. Weiss. 2,564,870, Aug. 21.
Shell for deflection yokes. A. P. Hultgren. 2,563,116, Aug. 7.
Shell lifting and sealing plug. O. Maisch. 2,538,693, Jan. 16.
Shelling machine, Almond. W. F. Smith. 2,543,537, Feb. 27.
Shelter, Collapsible. R. S. Pelton. 2,547,770, Apr. 3.
Shelter for boats, Movable. B. D. S. Blagden. 2,564,951, Aug. 21.
Shelter, Ice-fishing. F. Dickerson. 2,546,730, Mar. 27.
Shelter or the like, Fishing. J. H. Ellis. 2,546,588, Mar. 27.
Shelter, Portable. H. B. Johnson. 2,549,816, Apr. 24.
Sheltered seat. E. Ramsay. 2,537,787, Jan. 9.

Shield and applicator, Finger tip. W. R. Justus. 2,569,381, Sept. 25.
Shield and helmet, Combination welder's face. R. A. Bub. 2,578,171, Dec. 11.
Shield and making same, Frost. C. F. Walz. 2,559,098, July 3.
Shield, Corset stay. W. I. and E. B. Hatch. 2,550,246, Apr. 24.
Shield, Cuticle. E. P. Haney. 2,561,571, July 24.
Shield, Dental moisture. C. P. Bohland. 2,563,361, Aug. 7.
Shield, Dress. L. H. Rand. 2,562,508, July 31.
Shield, Dress. P. M. Stephens. 2,556,231, June 12.
Shield, Erasure. G. D. Preston. 2,563,363, Aug. 7.
Shield, Expansion. G. M. Arisman, Jr. 2,543,683, Feb. 27.
Shield, Eye. H. Vaca. 2,560,669, July 17.
Shield, Eye and ear. J. Laporte. 2,537,768, Jan. 9.
Shield, Face. Z. A. McGee. 2,552,803, May 15.
Shield, Finger-protecting. S. Swarin. 2,538,889, Jan. 23.
Shield for automobiles, Glare. H. W. Morris. 2,546,609, Mar. 27.
Shield for baby carriages, Storm and insect netting. N. Zigterman. 2,546,843, Mar. 27.
Shield for cooking stoves, Wall. F. D. Eggleston. 2,568,276, Sept. 18.
Shield for electric plugs. J. W. Brown. 2,544,654, Mar. 13.
Shield for eyeglasses, Dust. M. Goldschmidt and A. Sommer. 2,574,639, Nov. 13.
Shield for garment hangers. H. A. Tomarin. 2,578,383, Dec. 11.
Shield for garment hangers, Protector. M. D. Goldsmith. 2,558,082, June 26.
Shield for gasoline filler openings in automobile fenders, Protective. P. E. Allen. 2,537,567, Jan. 9.
Shield for headlights, Fluted. E. Petrakakis. 2,550,594, Apr. 24.
Shield for motor vehicles, Radiator grill. H. E. Ekornaas. 2,566,605, Sept. 4.
Shield for pH electrodes, Electrostatic. G. A. Perley. 2,563,062, Aug. 7.
Shield for prongs of electric plugs. J. W. Brown. 2,545,762, Mar. 20.
Shield for rotary mixers. E. I. Bogen. 2,570,310, Oct. 9.
Shield for rotatable shafts, Fluid-tight. L. A. Evans. 2,547,630, Apr. 3.
Shield for shoe racks. H. A. Tomarin. 2,560,314, July 10.
Shield for taxi vehicle bodies, Robbery preventing. I. J. Poland. 2,566,032, Aug. 28.
Shield for television tubes. R. A. Fisch. 2,560,336, July 10.
Shield for the outer surface of a collapsible tube, Pressure-transmitting. W. Smith. 2,551,176, May 1.
Shield for tube sockets. H. P. Mensch. 2,574,978, Nov. 13.
Shield for welders, Head. J. F. Rakos. 2,559,795, July 10.
Shield for windows, Weather deflecting ventilating. A. Z. Moss. 2,537,478, Jan. 9.
Shield for windshields, Snow, ice, and frost. E. V. Bryant. 2,558,817, July 3.
Shield, Garment. M. Saari and V. De Cesare. 2,545,312, Mar. 13.
Shield, Glare and rain. A. B. Wilson. 2,539,763, Jan. 30.
Shield in electromagnetic transducer head, Eddy current. R. E. Zenner. 2,565,191, Aug. 21.
Shield, Multiwalled tip. J. H. Mann, Sr. 2,541,774, Feb. 13.
Shield or guard for blower nozzles. H. and H. D. Fahrenkrog. 2,566,878, Sept. 4.
Shield panty. E. R. Sutter. 2,574,132, Nov. 6.
Shield, Shoulder. L. H. Allen. 2,554,725, May 29.
Shield, Snell. W. F. Anderson. 2,537,730, Jan. 9.
Shield, Spark plug. H. W. Carson. 2,577,308, Dec. 4.
Shield, Spark plug. J. W. Sailler. 2,553,114, May 15.
Shield, Sun. A. H. Ruf. 2,561,711, July 24.
Shield, Sun and storm. G. S. Berman. 2,576,918, Dec. 4.
Shielded container. J. F. Gifford. 2,563,718, Aug. 7.
Shielded operator assembly for valved nozzles. W. Tuttle and T. A. C. Both. 2,577,245, Dec. 4.
Shielded resistor unit. G. W. Packer. 2,562,940, Aug. 7.
Shielded terminal having a composite metal ferrule for a flexible conduit. W. A. Uline. 2,577,049, Dec. 4.
Shielding device. R. R. Marchese. 2,571,270, Oct. 16.
Shielding device for transmission lines. J. M. Sheadel. 2,539,641, Jan. 30.
Shielding device for wiper mechanisms. W. P. Winters and J. W. Lockwood. 2,567,264, Sept. 11.
Shielding shoe for drums and similar filters. N. G. Leffler. 2,560,581, July 17.
Shielding shoe for filters. N. G. Leffler. 2,561,282, July 17.
Shift control and servoactuating means for power transmission. C. A. Neracher and W. T. Dunn. 2,571,473, Oct. 16.
Shift-over valve. A. G. Winchester. 2,570,896, Oct. 9.
Shiftable ladder support. F. Mehringer. 2,542,256, Feb. 20.
Shiftable rotary stud fastener. W. A. Bedford, Jr. 2,560,519, July 10.
Shiftable vehicle seat. E. Schaefer. 2,565,666, Aug. 28.
Shingle. R. R. Mabie, Sr. and R. R. Mabie, Jr. 2,538,206, Jan. 16.
Shingle and shingle covering. R. Patterson. 2,571,057, Oct. 9.
Shingle construction. F. L. Worsham. 2,577,695, Dec. 4.
Shingle shake forming machine, Automatic. L. B. Dennison. 2,574,912, Nov. 13.
Ship. L. H. Blount. 2,560,153, July 10.
Ship and cargo deck construction. V. C. Farrell. 2,564,966, Aug. 21.
Ship derrick mast. A. E. Hallén. 2,544,081, Mar. 6.
Ship door. F. M. Lamber. 2,542,148, Feb. 20.
Ship, Dual-purpose self-unloader. L. D. Smith. 2,557,016, June 12.
Ship maneuvering control system. N. E. Humiston. 2,571,451, Oct. 16.
Ship model display, Ornamental. N. P. Rosenberg. 2,545,706, Mar. 20.
Ship roll energy device. J. C. Patterson, Jr. 2,554,381, May 22.
Ship salvaging apparatus. R. G. Solheim. 2,536,103, Jan. 2.
Shipping and storing liquefied gases, Method and apparatus for. G. R. Benz. 2,538,664, Jan. 16.
Shipping case. J. R. Grant. 2,573,706, Nov. 6.
Shipping case. T. J. Nelson. 2,570,973, Oct. 9.
Shipping case. W. T. Stearn. 2,538,924, Jan. 23.
Shipping container. M. Baumann. 2,575,784, Nov. 20.
Shipping container. B. C. Coit, Jr. 2,576,671, Nov. 27.
Shipping container. F. A. Palmer. 2,570,070, Oct. 2.
Shipping container cover lock. W. C. George. 2,561,979, July 24.
Shipping device with article supporting means. J. G. Dunneback. 2,546,921, Mar. 27.
Shipping package for storage batteries. B. J. Thacker, S. C. Harris, and W. O. Newstrom. 2,578,107, Dec. 11.
Shipping rig. O. B. Haverlandt, Jr. 2,561,660, July 24.
Ship's log. J. J. Matcovich. 2,539,788, Jan. 30.
Shirt. A. M. Cooper and J. Bening. 2,579,550, Dec. 25.
Shirt and combination garment. M. Gottschalk. 2,562,234, July 31.
Shirt and diaper, Combination. L. L. Laughead. 2,566,844, Sept. 4.
Shirt board. B. C. Bartholome. 2,568,843, Sept. 25.
Shirt, Casual wear. J. W. Garner. 2,543,361, Feb. 27.
Shirt collar support. A. L. Iverson. 2,537,765, Jan. 9.
Shirt construction. C. W. Young. 2,551,863, May 8.
Shirt embodying a detachable collar construction. E. Sacchitella. 2,569,693, Oct. 2.
Shirt form. L. M. Kahn. 2,563,043, Aug. 7.
Shirt holder. C. O. L. Mannervik. 2,560,298, July 10.
Shirt incorporating waterproof protector. H. O. Head. 2,568,544, Sept. 18.
Shock absorber. R. E. Blue. 2,562,595, July 31.
Shock absorber. G. L. Camarero. 2,553,237, May 15.
Shock absorber. M. Katz. 2,539,841–2, Jan. 30.
Shock absorber. J. A. Keller. 2,556,925, June 12.
Shock absorber, J. H. and J. Mercier. 2,565,617, Aug. 28.
Shock absorber. N. O. Myklestad. 2,571,279, Oct. 16.
Shock absorber. G. Orloff and C. B. V. Neilson. 2,564,790, Aug. 21.
Shock absorber. E. F. Rossman. 2,537,423–5, Jan. 9.
Shock absorber. R. M. Seddon. 2,574,420, Nov. 6.
Shock absorber. W. H. Smith. 2,578,903, Dec. 18.
Shock absorber. E. E. Wallace. 2,545,833, Mar. 20.
Shock absorber. C. J. Werner. 2,576,658, Nov. 27.
Shock absorber. R. H. Whisler, Jr. Re. 23,421, Oct. 16.
Shock absorber. R. H. Whisler, Jr. 2,546,051, Mar. 20.
Shock absorber. N. Wyeth. 2,544,548, Mar. 6.
Shock absorber construction. B. D. McIntyre, C. J. Smith, and J. Dutton. 2,546,038, Mar. 20.
Shock absorber for air guns. W. J. Sieben. 2,551,769, May 8.
Shock absorber for railway car trucks. G. E. Dath. 2,536,265–6, Jan. 2.
Shock absorber for railway car trucks. A. E. Dentler. 2,572,453, Oct. 23.
Shock absorber for railway car trucks. W. E. Withall. 2,549,037, Apr. 17.
Shock absorber for railway car trucks. W. E. Withall. 2,559,745, July 10.
Shock absorber for railway car trucks. W. E. Withall. 2,565,672, Aug. 28.
Shock absorber for railway car trucks, Friction. G. E. Dath. 2,546,215–17, Mar. 27.
Shock absorber for railway car trucks, Friction. G. E. Dath. 2,552,668, May 15.
Shock absorber for railway car trucks, Friction. W. E. Withall. 2,549,036, Apr. 17.
Shock absorber for railway car trucks, Friction. W. E. Withall. 2,552,701, May 15.
Shock absorber for railway car trucks, Friction. W. E. Withall. 2,558,117, June 26.
Shock absorber for railway car trucks, Friction. W. E. Withall. 2,565,671, Aug. 28.
Shock absorber for vehicles, Auxiliary. A. Perez. 2,552,379, May 8.
Shock absorber, Friction. A. P. Withall. 2,555,432, June 5.
Shock absorber, Friction. A. P. Withall. 2,558,116, June 26.

Shock absorber, Hydraulic. F. A. Montgomery. 2,538,375, Jan. 16.
Shock absorber, Liquid compression. R. L. Levy. 2,566,736, Sept. 4.
Shock absorber mounting. R. Lewton. 2,548,167, Apr. 10.
Shock absorber or resilient device. A. E. Bingham. 2,554,807, May 29.
Shock absorber, particularly for aircraft landing gears, Retractable. M. Katz. 2,559,967, July 10.
Shock absorber piston assembly. R. L. Trimble and J. C. Hanna. 2,579,058, Dec. 18.
Shock absorber with baffle means, Hydraulic. R. Lewton. 2,551,749, May 8.
Shock absorber with retractable stroke for airplanes. R. L. Levy. 2,554,581, May 29.
Shock-absorbing bearing. E. Morf. 2,543,328, Feb. 27.
Shock absorbing device for bearings of horological movers. R. Zürcher. 2,538,142, Jan. 16.
Shock absorbing device for doors. C. F. Sponsler. 2,541,179, Feb. 13.
Shock absorbing device for vehicles. M. Katz. 2,559,968, July 10.
Shock-absorbing device for watch balance staffs. H. Knecht. 2,555,412, June 5.
Shock absorbing means for railway car trucks, Combined rubber and friction. G. E. Dath. 2,552,667, May 15.
Shock absorbing mechanism. C. A. Johnson. 2,540,334, Feb. 6.
Shock absorbing mechanism for railway draft riggings. V. S. Danielson. 2,576,214, Nov. 27.
Shock absorbing mechanism for railway draft riggings. K. Williams. 2,559,743, July 10.
Shock absorbing wheel. J. W. Kaye. 2,564,905, Aug. 21.
Shock and vibration insulator. F. L. Yerzley. 2,576,271, Nov. 27.
Shock damper for electromagnetic devices. H. L. Davis. 2,544,491, Mar. 6.
Shock mount. D. L. Bacon and J. E. McLoughlin. 2,572,969, Oct. 30.
Shockproof receiver control. C. F. Hoffman. 2,536,445. Jan. 2.
Shock resistant alloy steel. L. E. Gippert. 2,562,543, July 31.
Shock wave generator. F. Rieber. 2,559,227, July 3.
Shoe. M. H. Ricci. 2,552,589, May 15.
Shoe and making the same. F. L. Ayers. 2,563,303. Aug. 7.
Shoe and making the same. O. N. Foust. 2,559,609, July 10.
Shoe and making the same, Open heel. J. J. Walsh. 2,563,505, Aug. 7.
Shoe and making the same, Platform. J. D. Chandler. 2,546,152, Mar. 27.
Shoe and making the same, Slip lasted. K. A. Stritter. 2,554,159, May 22.
Shoe, Athletic. R. F. Rossi, R. A. and G. Hyde. 2,563,751, Aug. 7.
Shoe binding for shoe soles. W. B. Dimond. 2,539,364, Jan. 23.
Shoe bottom. R. Seminara. 2,542,292. Feb. 20.
Shoe calk, Athletic. F. C. Phillips. 2,578,591, Dec. 11.
Shoe construction. W. B. Stroup. 2,539,557, Jan. 30.
Shoe construction. A. Vigorith. 2,554,075, May 22.
Shoe construction and making same. J. A. Ciaio. 2,568,884, Sept. 25.
Shoe construction, Cushion platform type. W. Braun. 2,546,296. Mar. 27.
Shoe construction for rubbing machines. P. T. Triolo. 2,562,971, Aug. 7.
Shoe form with stiffening flange. I. Goodfellow and W. J. De Witt. 2,546,391, Mar. 27.
Shoe having a cushioning element. H. E. McMahon. 2,565,662, Aug. 28.
Shoe having a detachable upper. E. Danielius. 2,552,943, May 15.
Shoe heel. J. D. Kells. 2,545,519. Mar. 20.
Shoe heel, Antisplash. W. H. Dotzenroth. 2,575,752, Nov. 20.
Shoe heels, Interchangeable. T. Gilmour. 2,556,842, June 12.
Shoe holder. R. A. Aurin. 2,555,020, May 29.
Shoe, Infant's. W. Kaut, Jr., L. F. Lauman, and F. J. Winter, Jr. 2,550,484. Apr. 24.
Shoelace packaging. K. H. Andren. 2,560,205, July 10.
Shoe last hanger. H. G. Clausing. 2,565,593, Aug. 28.
Shoemaking apparatus. H. W. Cohen and I. Galper. 2,572,011, Oct. 23.
Shoemaking apparatus. P. W. Senfleben. 2,540,217. Feb. 6.
Shoe or tip for wooden piles. W. H. Cobi. 2,562,860, July 31.
Shoe, Pipe coating. L. Perrault. 2,545,792, Mar. 20.
Shoe platform construction. E. J. McDaniel. 2,547,480, Apr. 3.
Shoe, Platform type. R. Maling. 2,538,373. Jan. 16.
Shoe, Platform type. R. Maling. 2,543,183, Feb. 27.
Shoe press last structure. E. Dunford. 2,560,533, July 17.
Shoe protector. E. A. Howard. 2,544,264. Mar. 6.
Shoe protector. N. J. Watts. 2,552,700, May 15.
Shoe rack. A. L. Ellis. 2,564,523, Aug. 14.
Shoe, Roller bearing track. H. A. Knox. 2,536,064. Jan. 2.
Shoe, Rotary washover. M. L. Clayton. 2,577,605, Dec. 4.
Shoe, Running. F. C. Treat. 2,572,680. Oct. 23.
Shoe sanitizer. M. E. Special. 2,569,079, Sept. 25.
Shoe skate and stop assembly. E. J. Wall. 2,578,384, Dec. 11.
Shoe sole conditioning machine. J. H. Kelly and H. H. Teal. 2,545,471, Mar. 20.
Shoe sole former. W. H. Doherty. 2,571,547, Oct. 16.
Shoe sole, Rubber. G. V. Walls. 2,553,616, May 22.
Shoe sole straightener. J. D. Corrigan. 2,574,320, Nov. 6.
Shoe sole welt, border or the like, on shoe soles of rubber or the like, Method and apparatus for the production of an ornamental. O. Majtner. 2,546,553, Mar. 27.
Shoe stiffeners, Making. R. B. Harrison. 2,541,761, Feb. 13.
Shoe support. A. O. Hurxthal. 2,551,603, May 8.
Shoe tap. P. Kurkjian and E. J. Derderian. 2,579,677, Dec. 25.
Shoe tree. W. H. Doherty. 2,558,740, July 3.
Shoe tree. T. P. Stewart. 2,556,637, June 12.
Shoe tree, Laterally expandable. G. Ola. 2,553,933, May 22.
Shoe upper guard. L. Prejean. 2,546,780, Mar. 27.
Shoe upper, Laminated. J. B. Normington. 2,549,985, Apr. 24.
Shoe, Ventilated. J. W. Meaker. 2,558,973, July 3.
Shoe with a padded rear portion. J. H. Everston. 2,578,681, Dec. 18.
Shoe with rolled throat line. J. Henkel. 2,571,446, Oct. 16.
Shoe with upper having locating and lasting tabs. K. A. Stritter. 2,538,170. Jan. 16.
Shoe with vamp wrinkles minimized, Walking. F. G. Poon. 2,572,948, Oct. 30.
Shoes having metatarsal pad, Making slip-lasted. C. Longini. 2,569,184. Sept. 25.
Shoes, Making. A. F. Hesselberg. 2,569,055, Sept. 25.
Shoes, Making. A. E. Murray. 2,568,291, Sept. 18.
Shoes, Making heel-reinforced slip-lasted. J. Meltzer. 2,552,638, May 15.
Shoes, Making platform type. J. J. Walsh. 2,551,075, May 1.
Shoes, Manufacture of moccasin. R. J. Potvin. 2,537,602, Jan. 9.
Shoes, Manufacture of slip lasted. K. A. Stritter. 2,550,881, May 1.
Shoes, Manufacturing welted. R. F. Wolfskill and J. Mellor. 2,573,752, Nov. 6.
Shop caps, Method and apparatus for making. T. B. Kohout. 2,539,845, Jan. 30.
Shopping bag and pants hanger. L. J Behr 2,578,391, Dec. 11.
Shore, Adjustable. A. Negovan. 2,540,752, Feb. 6.
Short-circuiting fuse construction. R. D. Nelson. 2,571,472 Oct. 16.
Shortstopping agent for emulsion polymerizations. L. H. Howland and J. A. Reynolds. 2,556,651, June 12.
Shortstopping agents in emulsion polymerization. F. B. Zienty. 2,547,194, Apr. 3.
Shortstopping an emulsion polymerization reaction with alkyl polysulfide. W. W. Crouch. 2,574,020, Nov. 6.
Short-wave electromagnetic radiation catoptrics. P. H. Kirkpatrick. 2,557,662, June 19.
Shortening and making shortening. E. G. Anderson. 2,536,865, Jan. 2.
Shortening composition and making the same, Bakery. R. W. Wade. 2,557,524, June 19.
Shortening composition and preparing the same. F. F. Hansen. 2,550,558. Apr. 24.
Shortening cutter. C. A. Lang. 2,579,326, Dec. 18.
Shot magazine for pneumatic guns, Removable. W. S. Wells. 2,573,884, Nov. 6.
Shot peening. F. C. Young and A. E. Proctor. 2,542,955, Feb. 20.
Shoulder bag. J. Molinari. 2,552,443, May 8.
Shoulder frame. C. L. Zagata. 2,568,105, Sept. 18.
Shoulder pad. J. Chňoupek and R. Chňoupková. 2,541,204, Feb. 13.
Shoulder pad. E. D. Gerry. 2,574,637. Nov. 13.
Shoulder pad. S. Kagan and I. Rothenberg. 2,571,890, Oct. 16.
Shoulder pad. I. Kantor. 2,538,646. Jan. 16.
Shoulder pad. C. E. Mitchel. 2,545,039. Mar. 13.
Shoulder protector. A. E. Kennedy. 2,540,952, Feb. 6.
Shoulder rest double-arm sling. M. C. Peterson. 2,560,243, July 10.
Shoulder shaped dress and suit hanger. F. K. Dobana. 2,549,297, Apr. 17.
Shoulder-shaping device. D. McCloskey, Jr. 2,554,307, May 22.
Shoulder strap for undergarments. J. V. Hollar. 2,566,416, Sept. 4.
Shoulder strap holder of bent wire, Lingerie. E. M. Lovejoy. 2,569,938, Oct. 2.
Shoulder supported light clamp. H. C. Roberts. 2,536,394, Jan. 2.
Shovel. H. R. Larson. 2,549,491, Apr. 17.
Shovel. A. Merola. 2,555,752, June 5.
Shovel and front end loader, Tractor mounted. T. Andersen. 2,537,010, Jan. 9.

Shovel, Furnace cleaning. E. Williams. 2,572,230, Oct. 23.
Shovel handle. W. Fenton. 2,579,484, Dec. 25.
Shovel, Knockdown. F. W. Barker. 2,565,466, Aug. 28.
Shovel, Power-operated. A. M. Carter. 2,538,505, Jan. 16.
Shoveling machine. I. D. Baker. 2,568,702, Sept. 25.
Showcase. C. Krauss. 2,580,029, Dec. 25.
Showcase, Demountable. L. Roselyn. 2,546,564, Mar. 27.
Showcase having interconnected closure and tray. P. M. Ressinger. 2,563,746, Aug. 7.
Shower assembly for papermaking machines. O. E. Larson. 2,536,946, Jan. 2.
Shower bath apparatus, Therapeutic. C. F. Merriam. 2,567,614, Sept. 11.
Shower bath, Portable. R. Karlson. 2,544,092, Mar. 6.
Shower bath curtain support. G. G. Porter. 2,573,985, Nov. 6.
Shower curtain support. M. C. Byrne. 2,545,648, Mar. 20.
Shower head. R. M. Grossman. 2,573,904, Nov. 6.
Shower head. C. H. Nordell. 2,559,894, July 10.
Shower head. R. J. Pagliuso. 2,569,255, Sept. 25.
Shower head, Adjustable. H. Harvey. 2,556,537, June 12.
Shower head, Aerating. J. J. Goodrie. 2,565,554, Aug. 28.
Shower, Portable. L. R. Bowman. 2,567,506, Sept. 11.
Shredder and distributor, Soil and manure. H. E. Wimperis. 2,558,530, June 26.
Shredding machine. A. H. Menkin and C. H. Morhardt. 2,554,114, May 22.
Shredding rotor. E. C. Small. 2,578,850, Dec. 18.
Shrimp cleaner. C. M. Riha. 2,541,781, Feb. 13.
Shrimp peeling machine. F. S. Lapeyre and J. M. Lapeyre, III. 2,574,044, Nov. 6.
Shrimp product, Preparing a. E. P. Guice and E. E. Hickey. 2,555,232, May 29.
Shrinkproofing of wool. M. R. Coe, Jr. 2,562,603, July 31.
Shrinkproofing wool. M. R. Coe, Jr. 2,548,774, Apr. 10.
Shrinkage compensatory film stripping mechanism. A. V. Bedford. 2,569,280 Sept. 25.
Shrinkometer. C. B. Budd. 2,552,085, May 8.
Shroud for animal carcasses. W. D. Stohlman. 2,564,454, Aug. 14.
Shuffleboard cue. C. E. Hammett. 2,577,189, Dec. 4.
Shunt valve. T. W. Larsson. 2,537,535, Jan. 9.
Shutoff cock. N. R. Conant. 2,580,218, Dec. 25.
Shutoff device, Automatic water. G. K. and M. M. Martin. 2,545,928, Mar. 20.
Shutoff device, Positive. P. C. Livesay. 2,566,343, Sept. 4.
Shutoff for faucets, Emergency. J. P. Young. 2,569,363, Sept 25.
Shutoff for filling spouts, Automatic. W. R. Douglas. 2,578,926, Dec. 18.
Shutoff valve. U. H. Leach. 2,539,088, Jan. 23.
Shutter and flash lamp synchronizer, Automatic spring operated. H. Schwartz and W. Castedello. 2,552,018, May 8.
Shutter arm. S. Jacobi. 2,544,500, Mar. 6.
Shutter arrangement for indicators. H. H. Wolfe. 2,573,083, Oct. 30.
Shutter controlled safety switch. W. Castedello 2,536,490, Jan. 2.
Shutter device of the lamellar type for cameras, aerial cameras, survey cameras, and the like. E. Santoni. 2,578,604, Dec. 11.
Shutter for dissolving projected images with lenses of different sizes. F. Waller. 2,569,875, Oct. 2.
Shutter having built-in flash synchronizing switch and safety switch, Setting type. H. T. Hodges. 2,566,202, Aug. 28.
Shutter having built-in flash synchronizing switch, Two-blade. C. C. Fuerst. 2,537,888, Jan. 9.
Shutter mechanism. R. D. Dening. 2,549,964, Apr. 24.
Shutter mechanism. G. W. White. 2,550,103, Apr. 24.
Shutter mechanism for cameras. G. Swinnerton. 2,571,783, Oct. 16.
Shutter, Metal. L. G. Brown. 2,568,215, Sept. 18.
Shutter mounting for ventilating duct outlets. R. V. Pfautsch. 2,579,395, Dec. 18.
Shutter, Storm. H. S. Jones. 2,568,195, Sept. 18.
Shutter, Ventilation. H. Morrison. 2,568,355, Sept. 18.
Shutter, Window. A. den Dulk, Sr. 2,568,324, Sept. 18.
Shuttering element. H. Rutgers. 2,565,186, Aug. 21.
Shuttering for the construction of walls. W. McMullan. 2,574,274, Nov. 6.
Shuttering for use in the manufacture of concrete structures. R. Mackie. 2,566,528, Sept. 4.
Shuttle. W. J. Gosselin. 2,556,755, June 12.
Shuttle. M. M. Taylor. 2,577,929, Dec. 11.
Shuttle. J. E. Segee and W. J. Gosselin. 2,570,872, Oct. 9.
Shuttle actuating mechanism. M. L. Hicks. 2,537,895, Jan. 9.
Shuttle and shuttle box therefor, Loom. E. C. Nichols. 2,566,530, Sept. 4.
Shuttle binder. C. Galland. 2,544,015, Mar. 6.
Shuttle changer for double fabric looms, Automatic. B. J. M. A. Delaroiere. 2,560,687, July 17.
Shuttle changing mechanism. E. A. Butin. 2,572,107, Oct. 23.
Shuttlecock. T. Amphlett. 2,538,348, Jan. 16.
Shuttlecock, Plastic. F. Cohan. 2,556,029, June 5.
Shuttle detector, Magnetic. R. W. Wolke. 2,567,751, Sept. 11.
Shuttle drive for looms. D. E. Houghton. 2,552,717, May 15.
Shuttle for electronic loom protection. V. F. Sepavich. 2,551,172, May 1.
Shuttle for weft replenishing looms. R. F. Dion and J. T. Kennedy. 2,555,845, June 5.
Shuttle for wire-weaving looms. C. F. Wickwire. 2,573,820–1, Nov. 6.
Shuttle guard. P. C. Consoletti. 2,572,111, Oct. 23.
Shuttle guide. H. Hoeber. 2,580,297, Dec. 25.
Shuttle propelling mechanism. H. Hoeber. 2,556,810, June 12.
Shuttle replenishing mechanism. I. Mulatti and L. Cremonini. 2,550,287, Apr. 24.
Shuttle threading block. A. Villani. 2,571,396, Oct. 16.
Shuttle tip. A. C. Krukonis. 2,550,273, Apr. 24.
Shuttle tip connection means. J. R. Phaneuf and D. A. Tebo. 2,548,052, Apr. 10.
Shuttle valve. A. L. Parker. 2,551,045, May 1.
Shuttle valve. A. G. Winchester. 2,570,897, Oct. 9.
Shuttle winder clamp. E. F. and L. L. Sievert. 2,543,474, Feb. 27.
Shuttleless loom. A. S. C. Hart. 2,552,317, May 8.
Sick call table. J. W. Busam, Sr. 2,544,415, Mar. 6.
Sickle, Horizontal. G. A. Wright. 2,553,523, May 15.
Sickle with stepped outer cutting edge. J. C. Pfeifer and L. L. Laase. 2,551,899, May 8.
Side bar cylinder lock. R. C. Spain. 2,578,211, Dec. 11.
Side bearing. F. E. Bachman. 2,544,874, Mar. 13.
Side bearing. H. C. Keysor. 2,541,769, Feb. 13.
Side block. H. K. and H. K. Halvorsen, Jr. 2,546,445, Mar. 27.
Side broom assembly and drive. C. W. Mott. 2,558,623, June 26.
Side catch and lock for bag frames, Combined. A. Levine. 2,565,862, Aug. 28.
Side delivery truck body. C. R. Golay. 2,569,161, Sept. 25.
Side ditch scraper for ditching machines. E. R. Seward. 2,574,799, Nov. 13.
Side drill. A. Arutunoff. 2,539,047, Jan. 23.
Side dump for grain wagons. W. D. Karl. 2,573,714, Nov. 6.
Side rail connection for bedsteads. C. Harris. 2,575,271, Nov. 13.
Side support for sliding drawers and the like, Extensible. H. Shand. 2,575,566, Nov. 20.
Sidewalk edger and trimmer. C. E. Smith. 2,568,468, Sept. 18.
Side wall core taker. W. S. Dill. 2,546,632, Mar. 27.
Side wall for bicycle wheels and tires. W. G. Spencer. 2,573,996, Nov. 6.
Sieve carrier adjustably suspended from machine frame and actuated by a free-swing drive. F. Tanner. 2,563,081, Aug. 7.
Sifter-closure for container selectively attachable thereto in dispensing or nondispensing position. S. F. S. Jones. 2,567,211, Sept. 11.
Sifter having agitator bodies. J. F. Barnes. 2,576,746, Nov. 27.
Sifter top for granular material containers, with dispensing closure therefor, removably attachable in two dispensing positions. R. K. Pottle. 2,563,865, Aug. 14.
Sifting and dispensing attachment for containers, Sugar. O. H. Maud. 2,565,774, Aug. 28.
Sight for archers' bows. J. J. Beloungy. 2,559,927, July 10.
Sight mounting. C. D. Knowlton. 2,537,223, Jan. 9.
Sight, Target course gyroscope. E. B. Hammond, Jr. 2,557,103, June 19.
Sighting and range finding device for firearms. L. M. Seymore. 2,563,193, Aug. 7.
Sighting apparatus for forming machines, Pantographic. D. D. Lowber and G. E. Guellich. 2,553,099, May 15.
Sighting device for bows and arrows. F. C. Stieber. 2,574,599, Nov. 13.
Sighting device for firing at moving targets. F. M. Knecht. 2,564,981, Aug. 21.
Sighting device for the leveling of railway tracks. M. H. Lemaire. 2,565,382, Aug. 21.
Sighting mechanism. F. V. Johnson. 2,550,482, Apr. 24.
Sign: *See*—
Changeable sign.
Deck sign.
Display sign.
Edge-lighted sign.
Electrical display sign.
Folding sign.
Illuminated sign.
License plate reinforcement sign.
Luminous sign.
Post sign.
Reflective sign.
Removable letter sign.
Road sign.
Sign. O. I. Davis. 2,560,719, July 17.
Sign. R. W. Mallary. 2,560,117, July 10.
Sign adjusting means, Power-operated. G. C. Ellerbeck. 2,539,948, Jan. 30.
Sign and bracket for mail boxes and the like, Name. H. W. Duncan. 2,573,413, Oct. 30.
Sign bracket. L. E. Price. 2,551,157, May 1.
Sign cabinet. E. Wiles. 2,558,599, June 26.
Sign character, Molded. F. P. Mitten. 2,558,309, June 26.
Sign letter. J. B. McMath. 2,539,095, Jan. 23.

Sign letter and support therefor. F. P. Mitten. 2,539,152, Jan. 23.
Sign post. N. Louft. 2,559,302, July 3.
Signpost, Roadside. R. W. Bates. 2,579,997, Dec. 25.
Sign projection apparatus. E. A. Bullock. 2,578,336, Dec. 11.
Sign revolving mechanism. G. W. Gray. 2,556,472. June 12.
Sign stake, Adjustable. N. D. Stanley, Sr., and I. M. Richardson. 2,552,745, May 15.
Sign structure and unit therefor, Internally illuminated. J. A. Howenstine. 2,562,553, July 31.
Sign structure, Illuminated. L. G. Lytton. 2,540,271, Feb. 6.
Sign system, Electronic animated advertising. R. H. Seaman. 2,538,803, Jan. 23.
Sign system, Electronic animated advertising. R. H. Seaman. 2,568,767, Sept. 25.
Sign unit, Preformed. H. G. Buck. 2,559,756, July 10.
Signal: *See*—
Deceleration signal.
Delivery box signal.
Directional signal.
Electric fishing signal.
Emergency road signal.
Fishing signal.
Hand brake signal.
Overheated radiator signal.
Portable, visual, and electric traffic signal.
Railway signal.
Temperature-operated signal.
Traffic signal.
Windless auto arm signal.
Signal amplifying and mixing utilizing space charge neutralization. J. H. Coleman. 2,573,247, Oct. 30.
Signal amplifying, Frequency selective. L. E. Barton. 2,579,996, Dec. 25.
Signal amplitude controlling transformer loading circuit, M. S. Corrington. 2,561,059, July 17.
Signal amplitude limiting circuit. C. J. Norton. 2,550,715, May 1.
Signal and actuating means therefor. E. B. Thomas. 2,557,620, June 19.
Signal and circuits therefor, Directional. B. F. Bailey. 2,572,094, Oct. 23.
Signal and protective system for shunt capacitor banks. R. E. Marbury and W. H. Cuttino. 2,550,119, Apr. 24.
Signal and searchlight shutter. O. J. Zander. 2,553,622, May 22.
Signal and weight indicator, Fishing trolley line. T. E. McAvoy. 2,550,282, Apr. 24.
Signal apparatus, Traffic. O. J. Blanchet. 2,557,531, June 19.
Signal attachment for index cards. H. N. Pitcher. 2,570,708, Oct. 9.
Signal circuit cutout. C. W. Slocum. 2,572,400, Oct. 23.
Signal clearing relay for centralized traffic control systems of the code type. J. I. Grammer. 2,576,010, Nov. 20.
Signal comparator employing secondary emission apparatus. D. E. Sunstein, and A. H. Mankin. 2,568,098, Sept. 18.
Signal comparator system. H. R. Reiss. 2,570,156, Oct. 2.
Signal comparison indicator. C. A. Vossberg, Jr., and F. Fua. 2,541,313, Feb. 13.
Signal control mechanism, Direction. A. H. Petterson. 2,554,057, May 22.
Signal control system, Railway. J. H. Butridge and W. H. Claus. 2,546,331, Mar. 27.
Signal delay device. V. D. Landon, A. J. Neumann, and L. C. Smith. 2,543,246, Feb. 27.
Signal delay device. A. H. Mankin. 2,540,827, Feb. 6.
Signal detector. R. W. Hart. 2,561,366, July 24.
Signal detector circuit. W. Y. Pan. 2,569,687, Oct. 2.
Signal detector, Discriminating acoustic. F. P. Weber and M. J. Carmody. 2,545,218, Mar. 13.
Signal device, Electric. G. R. Fish. 2,561,355, July 24.
Signal device for restaurants, Table service. C. G. Russell. 2,563,693, Aug. 7.
Signal device for the fill lines of liquid tanks. T. C. Smith. 2,539,281, Jan. 23.
Signal device, Telltale radio. J. P. Holman. 2,552,969, May 15.
Signal distributing system for television receiver tube having equal number of picture elements and cathode rays. P. M. G. Toulon. 2,558,019, June 26.
Signal distribution system. P. M. G. Toulon. 2,568,375, Sept. 18.
Signal flare. J. A. and E. Gearon. 2,547,698, Apr. 3.
Signal flare. G. T. Harkins. 2,536,177, Jan. 2.
Signal for automobile drivers, Speed warning. C. Stein. 2,543,877, Mar. 6.
Signal for automobiles, Right and left turn. P. H. Zentner. 2,547,192, Apr. 3.
Signal for casting apparatus. S. I. Griglak. 2,542,511, Feb. 20.
Signal for model railroads. P. A. Heise. 2,540,481, Feb. 6.
Signal for motorcycles, Direction and safety. M. H. Hollingsworth. 2,540,394, Feb. 6.
Signal for motor vehicles, Automatic warning. T. A Lapadura. 2,578,562, Dec. 11.
Signal for motor vehicles, Flashing direction. O. P. Wyatt. 2,538,854, Jan. 23.
Signal for railroads, Light. E. W. Moore. 2,576,849, Nov. 27.
Signal for railroads, Warning. W. P. Bovard. 2,557,254, June 19.
Signal for tables, Service. A. E. Myers. 2,553,266, May 15.
Signal for telephones, Reply. R. F. West and E. R. Werner. 2,557,487, June 19.
Signal for typewriters, Page end. R. Hull. 2,573,023, Oct. 30.
Signal for vehicles, Turn. J. D. Jackson. 2,575,418, Nov. 20.
Signal for vehicles, Warning. K. E. Lyman. 2,564,984, Aug. 21.
Signal generator. D. Sayre. 2,567,734, Sept. 11.
Signal generator. A. D. Smith, Jr. 2,555,711, June 5.
Signal indicating system. F. J. Somers. 2,540,179, Feb. 6.
Signal inverter for facsimile recording. K. R. McConnell. 2,542,152, Feb. 20.
Signal light ray director. F. T. Fowler. 2,540,389, Feb. 6.
Signal lighting control apparatus, Railway. O. W. Rost. 2,547,664, Apr. 3.
Signal means for battery chargers. L. A. Medlar. 2,571,048, Oct. 9.
Signal mixing apparatus. E. L. Kent. 2,547,759, Apr. 3.
Signal mixing system. W. E. Bradley. 2,566,820, Sept. 4.
Signal operated control for two-channel transmission systems. G. M. Giannini. 2,542,921, Feb. 20.
Signal or smoke rocket. C. D., A. J. and C. Schermuly. 2,538,333, Jan. 16.
Signal receiving device, Selective. H. A. Stickel. 2,575,198, Nov. 13.
Signal receiving system. E. R. Shenk and A. E. Canfora. 2,537,163, Jan. 9.
Signal receiving system. E. R. Taylor. 2,572,216, Oct. 23.
Signal recording system and apparatus, Electronic. C. W. Jacob. 2,577,894, Dec. 11.
Signal rejector, Quadrature. J. J. Hogle. 2,554,987, May 29.
Signal sampling. G. W. Gray. 2,570,790, Oct. 9.
Signal sampling and modulation. W. E. Kirkpatrick. 2,547,397, Apr. 3.
Signal-seeking receiver for frequency-modulated signals. M. G. Nicholson, Jr. 2,565,876, Aug. 28.
Signal seeking tuning system, Presettable. R. A. Gull. 2,572,926, Oct. 30.
Signal separation. K. Schlesinger. 2,562,216, July 31.
Signal storing device and proportional-control circuits therefor. H. Ziebolz. 2,569,911, Oct. 2.
Signal switch. E. P. Poore and R. P. Klotz. 2,551,548, May 1.
Signal switch. H. C. Rowe. 2,542,947, Feb. 20.
Signal system, Automobile lighting. J. R. Wagner. 2,540,410, Feb. 6.
Signal system, Auxiliary train. R. J. Herbold. 2,554,906, May 29.
Signal system for preventing shock and undesirable interference. W. D. Rhoads. 2,539,674, Jan. 30.
Signal system for vehicles. S. Mann. 2,553,462, May 15.
Signal system of communication, Pilot. J. L. Hurault. 2,558,439, June 26.
Signal system, Seat mutilation. H. J. Ballam. 2,560,268, July 10.
Signal system, Speed. J. R. Dillon. 2,567,425, Sept. 11.
Signal system, Warning. E. D. L. Bowman. 2,578,284, Dec. 11.
Signal tab-removing device. H. A. Levee. 2,548,484, Apr. 10.
Signal to voltage translating devices, Cathode-ray. B. McMillan. 2,560,585, July 17.
Signal transfer apparatus. D. Mackey. 2,544,508, Mar. 6.
Signal translating apparatus, Subscription type. R. O. Gray. 2,572,853, Oct. 30.
Signal-translating system. A. Hazeltine. 2,570,805, Oct. 9.
Signal translator, Visual. E. B. Hales. 2,540,943, Feb. 6
Signal transmission network. N. Rochester. 2,570,716, Oct. 9.
Signal transmission system. A. N. Goldsmith. 2,557,278, June 19.
Signal transmission system. J. E. Smith. 2,539,797, Jan. 30.
Signal transmitting device for vehicles. F. Gagnaire. 2,578,347, Dec. 11.
Signal trip mechanism, Pneumatically operated. F. C. Evans. 2,537,185, Jan. 9.
Signal type torque indicating wrench. M. Hattan. 2,537,997, Jan. 16.
Signal wave analyzer for deriving pitch information. R. C. Mathes. 2,562,109, July 24.
Signaling apparatus, Audible electric. C. Miller. 2,573,924, Nov. 6.
Signaling apparatus, Coded. H. G. Blosser and F. H. Nicholson. 2,559,391, July 3.
Signaling apparatus for radio telephone systems. R. P. Dimmer. 2,548,777, Apr. 10.
Signaling arrangement for electronic switching systems. D. H. Ransom. Re. 23,418, Oct. 16.
Signaling counter. A. R. Litrell. 2,559,723, July 10.
Signaling device. C. M. Moore. 2,565,980, Aug. 28.
Signaling device, Audible. C. G. Auth and A. H. Schramm. 2,549,157, Apr. 17.
Signaling device, Emergency. A. Merola. 2,554,789, May 29.
Signaling device, Fishing. G. M. Teel. 2,541,307, Feb. 13.
Signaling device for automobiles. E. E. Jellison. 2,578,358, Dec. 11.

Signaling device for fishing lines. C. S. Benedict. 2,538,551, Jan. 16.
Signaling device for indicating fires or high-temperature conditions in room areas. A. O. Kjeldergaard. 2,569,062, Sept. 25.
Signaling device for spinning frames. J. F. Hunt. 2,568,337, Sept. 18.
Signaling device, Highway crossing. F. P. Miller. 2,569,511, Sept. 25.
Signaling device, Railroad. R. A. Tuot. 2,571,499, Oct. 16.
Signaling device, Selective. W. Koenig, Jr. 2,544,330. Mar. 6.
Signaling device, Telephone. W. C. de Vries. 2,567,148, Sept. 4.
Signaling device, Underwater. C. F. Bowersett, K. L. Baker, and C. A. Axelson. 2,568,712, Sept. 25.
Signaling flag, Mail deposit carrier actuated. C. M. Turner. 2,551,915. May 8.
Signaling means, Switch. G. Pacurar. 2,546,610, Mar. 27.
Signaling method and system. R. L. Koehler, and J. Miller. 2,568,342, Sept. 18.
Signaling or dialing system. K. S. Dunlap and C. A. Lovell. 2,556,172, June 12.
Signaling over electric pulse communication system. C. G. Treadwell. 2,539,497, Jan. 30.
Signaling system. H. Antranikian. 2,577,297, Dec. 4.
Signaling system. H. M. Bascom, R. F. Massonneau, B. Ostendorf, Jr., and W. T. Rea. 2,561,722, July 24.
Signaling system. D. Silverman. 2,544,569, Mar. 6.
Signaling system. G. L. Usselman. 2,536,330, Jan. 2.
Signaling system. E. Vroom. 2,568,177, Sept. 18.
Signaling system and method, Phase modulated. A. Špaček. 2,568,132, Sept. 18.
Signaling system, Audio-frequency. K. O. I. Styrén. 2,542,592. Feb. 20.
Signaling system, Coded track circuit. F. X. Rees. 2,536,223, Jan. 2.
Signaling system, Electric. B. M. Hadfield. 2,548,668, Apr. 10.
Signaling system, Electric. E. M. S. McWhirter, R. H. Dunn, and P. W. Lennox. 2,547,035, Apr. 3.
Signaling system, Electric. D. S. Ridler and L. R. Brown. 2,570,279, Oct. 9.
Signaling system, Electric. E. P. Wright. 2,540,156. Feb. 6.
Signaling system, Electric pulse. L. I. Farren, N. E. Head, and M. M. Levy. 2,578,527, Dec. 11.
Signaling system, Electrical. A. J. Henquet and M. C. Constant. 2,537,998, Jan. 16.
Signaling system, Electrical. T. B. D. Terroni and J. E. T. Parker. 2,550,312, Apr. 24.
Signaling system, Electronic. R. S. Bergen and B. E. Sealander. 2,573,175, Oct. 30.
Signaling system for electrical indicating instruments, Interlocking. S. C. Hoare and A. J. Corson. 2,570,125, Oct. 2.
Signaling system for railways not having continuous track circuits, Manual block. G. W. Baughman. 2,554,000, May 22.
Signaling system for single-track railroads with two-direction coded track circuits, Automatic block. H. S. Young. 2,558,473, June 26.
Signaling system for vehicles. A. W. Bennett. 2,572,973, Oct. 30.
Signaling system having code and conference call, Party line selective. C. E. Lomax. 2,552,799, May 15.
Signaling system having code call, Party line selective. R. W. Jones. 2,571,250, Oct. 16.
Signaling system, Multichannel pulse. M. M. Levy. 2,560,772, July 17.
Signaling system, Pipe-line scraper. L. A. Hugo and A. D. Baker. 2,570,951, Oct. 9.
Signaling system, Pulse multiplex. P. K. Chatterjea and D. M. Ambrose. 2,546,974, Apr. 3.
Signaling system, Selective. F. J. Gaffney and H. A. Finke. 2,553,910, May 22.
Signaling system, Selective. R. M. M. Oberman. 2,564,766, Aug. 21.
Signaling system, Selective. D. B. Robison. 2,541,668, Feb. 13.
Signaling system, Selective azimuth. G. B. Litchford and J. Lyman. 2,572,041, Oct. 23.
Signaling system, Subscriber. N. W. Aram. 2,570,187, Oct. 9.
Signaling system, Subscriber. B. J. Miller and G. V. Morris. 2,573,349, Oct. 30.
Signaling System, Subscription. N. W. Aram and J. E. Brown. 2,570,188, Oct. 9.
Signaling system, Subscription type. N. W. Aram and J. E. Brown. 2,563,448, Aug. 7.
Signaling system, Traffic. R. B. J. Brunn. 2,554,893, May 29.
Signaling system, Two-way loop and earth current. B. M. Hadfield. 2,552,780, May 15.
Signaling system, Voice-frequency. W. W. Fritschi and C. W. Lucek. 2,577,614, Dec. 4.
Signaling system, Voice-frequency. V. J. Terry, T. F. S. Hargreaves, and W. F. Gould. 2,572,074, Oct. 23.
Signaling system, Voice-operated. R. C. Mathes. 2,575,910, Nov. 20.
Signaling system, Wireless. F. C. Williams. 2,541,627, Feb. 13.
Signature feeding and transfering mechanism. E. H. Bechberber. 2,568,604, Sept. 18.
Silahydrocarbons. J. T. Goodwin, Jr. 2,544,079, Mar. 6.
Silanes, Producing. J. B. Culbertson. 2,551,571, May 8.
Silcarbane polymers and their preparation. J. D. Francis. 2,573,426, Oct. 30.
Silencer and pressure reducer with plural valved outlets, Exhaust gas. D. J. Bergman. 2,545,682, Mar. 20.
Silencer for printing telegraph apparatus. R. R. Smessaert and R. F. Vee. 2,553,876, May 22.
Silencer, Manifold. R. B. Bourne and A. E. Chase. 2,537,203, Jan. 5.
Silencer, Voice. L. L. Beranek. 2,566,975, Sept. 4.
Silencer with toroidal expansion chambers. J. F. Johnston. 2,554,032, May 22.
Silencing pad. H. C. Yaeger. 2,568,531, Sept. 18.
Silent urinal. W. B. Painter. 2,562,816, July 31.
Silica-alumina cracking catalyst, Preparation of. L. B. Ryland. Re. 23,438, Dec. 4.
Silica-alumina cracking catalyst, Preparation of. L. B. Ryland. 2,565,886, Aug. 28.
Silica-magnesia catalyst, Preparation of a. G. M. Webb, R. W. Moehl, and M. J. Murray. 2,544,869, Mar. 13.
Silica-metal oxide granular catalyst, Preparation of a. G. R. Bond, Jr. 2,562,888, Aug. 7.
Silica sols and resulting composition, Making stable. J. M. Rule. 2,577,485, Dec. 4.
Silica sols, Preparing. H. S. Trail. 2,572,578, Oct. 23.
Silica sols, Producing stable. J. M. Rule. 2,577,484, Dec. 4.
Silicate fibers and frit, Apparatus and method for manufacturing. E. M. Hommel. 2,569,472, Oct. 2.
Silicon acylates. C. A. MacKenzie. 2,566,347, Sept. 4.
Silicon acylates, Substituted. C. A. MacKenzie and M. Schoffman. 2,537,073, Jan. 9.
Silicon containing derivatives of cellulosic material. H. A. Schuyten, J. W. Weaver, and J. D. Reid. 2,562,955. Aug. 7.
Silicon-containing rubber compositions. A. J. Barry. 2,561,177, July 17.
Silicon-resin foams. J. B. Rust and L. Spialter. 2,565,524, Aug. 28.
Silicon steel sheets, Manufacturing high. W. F. Nagel. 2,555,241, May 29.
Silicone resin solutions. C. D. Doyle. 2,575,912, Nov. 20.
Silk screen stencil frame. M. De Pasquale. 2,537,306, Jan. 9.
Sill for storm windows, Ventilating. W. M. Krantz. 2,551,017. May 1.
Silo. W. G. Martin. 2,551,216, May 1.
Silo chute closure. V. Kostreba. 2,545,234, Mar. 13.
Silo construction. W. G. Martin. 2,551,217, May 1.
Silo unloader. E. C. Leach, O. F. Manthie, and G. D. Clapp. 2,580,306, Dec. 25.
Silo unloading device with means to dislodge silage for ready discharge. W. G. Martin. 2,576,620, Nov. 27.
Siloxane elastomers. E. L. Warrick. 2,541,137, Feb. 13.
Siloxane elastomers comprising a modified acid polymer and filler. J. F. Hyde. 2,571,039, Oct. 9.
Silver azo dye bleach-out process and bleaching baths for use therein. J. A. Sprung. 2,564,238, Aug. 14.
Silver-calcium catalyst and its preparation. A. Cambron and F. L. W. McKim. 2,562,858, July 31.
Silver halide dispersions and photographic emulsions using polyacrylamide peptizers, Preparation of. W. G. Lowe, L. M. Minsk, and W. O. Kenyon. 2,541,474, Feb. 13.
Silver halide emulsions. W. D. Baldsiefen. 2,540,085, Feb. 6.
Silver halide emulsions. W. D. Baldsiefen, L. J. Conrad, and R. N. Linkhart. 2,540,086, Feb. 6.
Silver halide emulsions containing antifogging agents. D. J. Fry. 2,566,658–9, Sept. 4.
Silver salts of disubstituted methane compounds. A. B. Craven and G. J. Pritchard. 2,539,728, Jan. 30.
Silver-thallium-indium alloys, Producing. J. M. Booe. 2,551,413, May 1.
Simulated flower with thermostatic action. J. O. Muir. 2,561,217, July 17.
Simultaneous two-way stretching of film, Method and apparatus for. C. E. Gardner. 2,571,355, Oct. 16.
Simultaneously closing a plurality of circuits. E. Uhlmann and J. Hansen. 2,550,624, Apr. 24.
Simultaneously firing a coke-oven battery with rich and lean fuel gases. G. A. Davis. 2,554,818, May 29.
Sine bar. R. Sachtleber. 2,551,169, May 1.
Single-acting reciprocating engine. A. E. Moreillon. 2,550,369, Apr. 24.
Single blank cloth board end cap. W. A. Becker and C. P. Cato. 2,537,617, Jan. 9.
Single carrier, sound and color vision pulse system. E. Labin, D. D. Grieg, and N. H. Young, Jr. 2,539,440, Jan. 30.
Single-element modified impedance relay. S. L. Goldsborough. 2,542,809, Feb. 20.
Single-phase induction motor. R. R. Attridge. 2,541,683, Feb. 13.
Single-phase reversible motor. S. Noodleman. 2,539 857, Jan. 30.
Single-lever water control. R. Stryzakoski and J. Cartabellatto. 2,575,305, Nov. 13.

Single-line control for miniature aircraft. V. Stanzel. 2,558,109, June 26.
Single locking wedge. T. Sato. 2,539,703, Jan. 30.
Single or offset contact type micrometer gauge. E. S. Rinaldy. 2,576,142, Nov. 27.
Single pedal combination hydraulic and mechanical vehicle brake. W. J. Eye and C. W. Hull. 2,574,255, Nov. 6.
Single sash storm window mounting. E. E. Swartswelter, Jr. 2,541,948, Feb. 13.
Single sheet shirt protector. V. Akers. 2,560,710, July 17.
Single side-band demodulator system. J. B. Singel. 2,571,957, Oct. 16.
Single side band modulator. L. M. Barton. 2,569,279, Sept. 25.
Single side-band signal generator. O. G. Villard, Jr. 2,576,429, Nov. 27.
Single unit hydraulic check. F. C. Lornitzo. 2,575,389, Nov. 20.
Single-vaned rotary discharge assistant operable in a side outlet of a container for granular material, and a weighted apron engaging said vane in its outermost position. O. Enestvedt. 2,546,733, Mar. 27.
Sink and dishwashing cabinet, Combination kitchen. I. G. Guglielmoni. 2,573,965, Nov. 6.
Sink construction, Metal. G. H. Norquist. 2,539,464, Jan. 30.
Sink, Dishwashing, scouring, and polishing. H. J. Modrey. 2,579,393, Dec. 18.
Sink for treating hair. W. J. Kiefer. 2,552,894, May 15.
Sinker carrier for flat knitting machines. R. Parthum. 2,562,435, July 31.
Sinker, Fishing. J. Dolejs. 2,548,291, Apr. 10.
Sinker release for fishing tackle. H. J. Mathieu. 2,562,054, July 24.
Sinter cake breaker for side discharge batch sintering machines. W. Kelsey. 2,552,283, May 8.
Sintered cobalt oxide pelleted catalyst. Preparation of a. A. B. Stiles. 2,570,882, Oct. 9.
Sintering apparatus. W. A. Hardin. 2,574,388, Nov. 6.
Sintering furnace. G. C. Burgess. 2,543,150, Feb. 27.
Sintering ores and the like. A. Holmberg. 2,578,426, Dec. 11.
Sintering titanium and like metals. D. W. Rostrom. 2,546,320, Mar. 27.
Siphon, Radiator. A. A. Johnson. 2,577,014, Dec. 4.
Siren, Electronic. W. Fleming. 2,576,585, Nov. 27.
Sirup and making the same, Table. A. A. Sebring. 2,537,192, Jan. 9.
Siruping machine and siruping filled containers. G. L. Ardron, M. L. Dodge, and C. J. Chebuhar. 2,546,418, Mar. 27.
6-acyloxy-4-methylhexyne-2-diol-1,4 and producing the same. M. S. Newman. 2,555,598, June 5.
6-alkoxy-4 methylhexene-2-diol-1,4 and esters thereof. M. S. Newman. 2,555,989, June 5.
6-alkoxy-4-methylhexyne-2-diol-1,4, and esters thereof and process. M. S. Newman. 2,555,362, June 5.
6-alkoxy-2-dialkoxymethyl tetrahydropyrans. R. H. Hall and H. M. Stanley. 2,574,919, Nov. 13.
6-amino 2-hydroxy carboxylic acid compounds, Preparation of. R. R. Whetstone. 2,562,848, July 31.
6 - chloro - 9 - (3 - (2 - hydroxyethylamino) - propylamino)-2-methoxyacridine and salts thereof. A. R. Surrey. 2,555,944, June 5.
6-cyclopropyl-2-thiouracil and preparing same. J. Bernstein. 2,538,960, Jan. 23.
6-halo-8-hydroxycinchoninic acids, Producing. R. F. Coles. 2,579,420, Dec. 18.
6-keto-$\Delta^{5,9}$-10-methyldecalone-1. N. L. Wendler and H. L. Slates. 2,542,223, Feb. 20.
6,6-dimethyl-2-vinyl-bicyclo-(3,1,1)-2-heptene and its production. L. J. Kitchen. 2,537,638, Jan. 9.
Size consistency control. J. G. Kershaw and J. A. Carrier. 2,572,351, Oct. 23.
Sizing and packing mechanism. J. Christian. 2,552,620, May 15.
Sizing cellulosic fibers with cationic melamine resin and hydrophobic material. L. H. Wilson, C. G. Landes, and C. S. Maxwell. 2,563,897, Aug. 14.
Sizing of pulp with rosin and carboxymethylcellulose. E. F. Horsey and D. Price. 2,572,932, Oct. 30.
Sizing textile warp yarns. J. J. McCarthy and W. J. Harrison. 2,570,830, Oct. 9.
Sizing tube. P. G. Hendrix. 2,541,963, Feb. 13.
Sizing yarns and composition therefor. G. R. Barrett, 2,576,915, Dec. 4.
Skate. A. E. Murray. 2,542,829, Feb. 20.
Skate and shoe construction. H. Ornstein. 2,572,050, Oct. 23.
Skate clamp. B. Giudice. 2,579,256, Dec. 18.
Skate, Convertible. J. K. Petrime. 2,548,391, Apr. 10.
Skate for roller skating. A. E. Murray. 2,561,448, July 24.
Skate, Propelled wheeled. E. L. Purkey. 2,536,569, Jan. 2.
Skate, Roller. C. S. Cooke and L. Z. Barnard. 2,552,035, May 8.
Skate, Roller. R. A. De Vault. 2,537,213, Jan. 9.
Skate, Roller. G. L. Fuller. 2,553,450, May 15.
Skate, Roller. F. Loertz, Jr. 2,552,987, May 15.
Skate, Roller. V. J. Power. 2,557,233, June 19.
Skate, Roller. C. V. Sefferino. 2,554,062, May 22.
Skate, Roller. C. E. Swensson. 2,547,796, Apr. 3.
Skate, Roller. E. W. Thorson. 2,540,847, Feb. 6.
Skate, Roller. E. Van Horn. 2,558,696, June 26.
Skate, Roller. E. Van Horn. 2,578,911, Dec. 18.
Skate, Roller. W. Ware. 2,560,017, July 10.
Skate, Scooter. R. F. Foran. 2,559,118, July 3.
Skate sharpener, Ice. M. Lefteruk. 2,542,281, Feb. 20.
Skates, Roller. E. Kardhordo. 2,570,349, Oct. 9.
Skating surface. P. J. Gaylor. 2,555,078, May 29.
Skee-ball game apparatus. E. M. Sire. 2,578,375, Dec. 11.
Skein dyeing machine. E. A. Stienen. 2,562,220, July 31.
Skein holder. E. L. Nell. 2,545,744, Mar. 20.
Skein winding machine. F. Osborne. 2,559,314, July 3.
Skeining machine. H. P. Ruf. 2,545,212, Mar. 13.
Skew axis transmission. G. Orlob. 2,538,978, Jan. 23.
Skew brick for kilns. D. Burchett. 2,572,242, Oct. 23.
Skewer. S. J. Fricano. 2,578,182, Dec. 11.
Skewer for holding rolled roasts. F. H. Perry. 2,557,890, June 19.
Ski. L. Beerli. 2,539,224, Jan. 23.
Ski. C. J. Hickman. 2,560,693, July 17.
Ski. R. Kjellberg. 2,544,028, Mar. 6.
Ski and its manufacture. A. Rossignol. 2,560,663, July 17.
Ski, Aircraft. F. J. Ditter. 2,539,817, Jan. 30.
Ski apparatus. R. P. Brown. 2,564,420, Aug. 14.
Ski binding. J. I. Johansen. 2,546,694, Mar. 27.
Ski binding. J. Lehmkuhl. 2,559,020, July 3.
Ski binding. F. Tavi. 2,561,430, July 24.
Ski binding, Releasable. G. L. French. 2,545,574, Mar. 20.
Ski binding, Safety. J. I. Johansen. 2,554,706, May 29.
Ski binding, Water. W. V. Goodhue and L. C. Brown. 2,540,576, Feb. 6.
Ski chute, Artificial. R. H. Johnson. 2,558,759, July 3.
Ski clamp. M. Djos. 2,562,178, July 31.
Ski, Discerptible. R. J. Meehan. 2,545,209, Mar. 13.
Ski edging. A. W. Shultz. 2,549,534, Apr. 17.
Ski, Laminated. H. Chorney. 2,550,002, Apr. 24.
Ski rack. E. R. Pankonin. 2,546,233, Mar. 27.
Ski reclining seat. A. Bueler. 2,547,073, Apr. 3.
Ski tow device. W. D. Judson. 2,548,800, Apr. 10.
Ski, Water. G. L. Lundborg. 2,559,977, July 10.
Ski, Wheeled. D. H. Bottrill. 2,545,543, Mar. 20.
Ski with bonded wood insert, Wood. C. F. Lund. 2,539,369, Jan. 23.
Skiatron cleanup. H. C. Kelly. 2,561,702, July 24.
Skiatronic screens, Preparing. G. R. Fonda. 2,545,200, Mar. 13.
Skid indicator. R. E. Jennings. 2,538,003, Jan. 16.
Skimmer. H. C. Pearsall. 2,575,768, Nov. 20.
Skimmer, Hot soup grease. A. Schmeiler. 2,572,524, Oct. 23.
Skimming device for Bessemer converters, large ladles, and the like. H. L. McFeaters. 2,554,836, May 29.
Skin opening machine. W. J. Young, Jr. 2,541,319, Feb. 13.
Skin stimulating and massaging device. H. W. McCready. 2,540,792, Feb. 6.
Skinning and cutting machine, Sausage. E. R. and A. L. McClure. 2,540,747, Feb. 6.
Skip bar for punching machines. S. Brand and J. M. Cunningham. 2,566,920, Sept. 4.
Skirt for kitchen sinks, Hideaway. L. Sims. 2,546,478, Mar. 27.
Skirt hanger. J. Ambrosino and M. Pascale. 2,570,043, Oct. 2.
Skirt, Hula. T. M. and F. M. Rodin. 2,546,563, Mar. 27.
Skirt, Rain. V. M. Lowry. 2,540,372, Feb. 6.
Skirting molding for table tops. W. L. Bonnell. 2,549,414, Apr. 17.
Skiving device for use in heel assembling. J. B. Mudgway. 2,546,864, Mar. 27.
Skull clamp. M. W. Slind. 2,576,649, Nov. 27.
Skylight. J. A. Apolonio. 2,566,156, Aug. 28.
Skylight. W. G. Moore. 2,538,319, Jan. 16.
Skylight, Sheet metal puttyless. F. Faix. 2,537,216, Jan. 9.
Slack adjuster. L. Gothberg. 2,555,124, May 29.
Slack adjuster. M. D. O'Hern. 2,571,376, Oct. 16.
Slack adjuster. D. J. Pritchard. 2,564,447, Aug. 14.
Slack display stand. H. Nuckols. 2,552,011, May 8.
Slack eliminator for trip ropes. M. E. Titus. 2,542,731, Feb. 20.
Slack or cuttings removing device for kerf-cutting machines. L. D. Hagenbook. 2,567,204, Sept. 11.
Slasher for sizing textile yarn. C. L. Still. 2,565,407, Aug. 21.
Slat structure for beds and the like. E. H. Anderson. 2,570,743, Oct. 9.
Sled. F. J. Dedrick. 2,547,930, Apr. 10.
Sled. I. Shakowitz. 2,539,209, Jan. 23.
Sled. C. W. Sundberg. 2,572,214, Oct. 23.
Sled and coaster, Convertible. J. B. Haywood. 2,570,674, Oct. 9.
Sled, Coasting. M. A. Holbrook. 2,547,210, Apr. 3.
Sled, Coasting. M. A. Holbrook. 2,568,070, Sept. 18.
Sled construction. W. Flajole. 2,545,268, Mar. 13.
Sled, Motor. M. F. Sigurjonsson. 2,564,377, Aug. 14.
Sled runner. C. F. Herbert. 2,569,889, Oct. 2.
Sled, Steerable. M. N. McLellan. 2,559,452, July 3.
Sled with signals, Football. A. J. Gardenhour. 2,558,081, June 26.

Sleep inhibitor for motor vehicle operators. J. S. Murray. 2,575,926, Nov. 20.
Sleeper, Balcony. J. C. Williams. 2,555,773, June 5.
Sleeper, Railway. A. Bagon. 2,538,437, Jan. 16.
Sleeper, Railway. J. A. M. Delvaux. 2,538,443, Jan. 16.
Sleeping accessory, Infant's. M. Sperling. 2,563,501. Aug. 7.
Sleeping bag. K. B. Ljungberg. 2,537,537, Jan. 9.
Sleeping bag. C. M. Miller. 2,579,948, Dec. 25.
Sleeping bag. H. E. Miller. 2,555,051, May 29.
Sleeping bag and blanket, Combination. J. Kaplan. 2,572,490, Oct. 23.
Sleeping car. J. C. Lyon. 2,556,140, June 5.
Sleeping car. J. W. Patton. 2,546,133, Mar. 20.
Sleeping car. R. A. Shields. 2,564,730–2, Aug. 21.
Sleeve anchoring device, Expansible. J. P. Palmer. 2,570,003, Oct. 2.
Sleeve and making the same, Cuffed. S. S. Saltzman and C. T. Sullivan. 2,537,160, Jan. 9.
Sleeve-bearing assembly. R. W. Schuck. 2,551,973, May 8.
Sleeve closure. G. A. Bodin and H. C. Seidl. 2,546,057, Mar. 20.
Sleeve for tube fittings, Contractible. G. V. Woodling. 2,553,619, May 22.
Sleeve joint for concrete tubes. A. J. Gurck. 2,576,012, Nov. 20.
Sleeve journal for railway equipment. I. E. Cox. 2,543,154, Feb. 27.
Sleeve type relief valve. A. F. Arnold. 2,573,680, Nov. 6.
Sleeve with wristlet and mitten attaching device, Coat. R. S. Bell. 2,558,533, June 26.
Slicer and spreader, Potato. J. Miller. 2,546,767, Mar. 27.
Slicer, Eccentric potato. B. Stahmer. 2,567,248, Sept. 11.
Slicer, Endless band blade bread. H. G. Tatosian. 2,569,545, Oct. 2.
Slicer for vegetables or the like. B. Hollander. 2,555,884, June 5.
Slicer, Seed Potato. W. E. Hanna. 2,547,702, Apr. 3.
Slicing apparatus. A. E. Smith. 2,540,462, Feb. 6.
Slicing device, Multiple. W. Frank. 2,552,312, May 8.
Slicing machine. C. Klingens and J. L. Foster. 2,563,120, Aug. 7.
Slicing machine. D. A. Meeker and E. A. Reussenzehn. 2,573,859, Nov. 6.
Slicing machine. W. A. van Berkel. 2,556,667, June 12.
Slicing machine. A. van Duyn. 2,573,631, Oct. 30.
Slicing machine, Bun. D. R. Spilky. 2,549,540, Apr. 17.
Slicing machine feed mechanism. A. van Duyn. 2,573,628, Oct. 30.
Slicing machine food pusher. A. van Duyn. 2,560,670–1, July 17.
Slicing machine, Meat. J. McMillan. 2,542,153, Feb. 20.
Slicing machine, Pickle. I. C. Morgan. 2,554,918, May 29.
Slicing machine substance carriage. C. T. Zimmermann. 2,538,073, Jan. 16.
Slicing machine with gauge plate adjusting means. A. van Duyn. 2,573,630, Oct. 30.
Slicing machine with stacker. A. van Duyn. 2,573,632, Oct. 30.
Slicing machine with vertically reciprocating cutter. R. E. Leavens. 2,560,229, July 10.
Slidable and adjustable seat. L. F. Moroney. 2,579,597, Dec. 25.
Slidable and adjustable seat. L. F. Moroney. 2,579,599, Dec. 25.
Slidable jaw wrench. W. M. Johnston. 2,555,342, June 5.
Slidable jaw wrench. R. W. Root. 2,537,860, Jan. 9.
Slidable lamp support. C. R. Yingling. 2,562,979, Aug. 7.
Slidable side jaw socket wrench. J. Pehrsson. 2,562,060, July 24.
Slide binder, Photographic. D. E. Davidson. 2,541,575, Feb. 13.
Slide buckle. J. Miller and J. T. Truelsen. 2,542,044, Feb. 20.
Slide carrier for still projectors. K. W. Harper. 2,537,584, Jan. 9.
Slide changer. A. J. Bradford and T. I. Ress. 2,543,520, Feb. 27.
Slide changing device for projectors. F. L. Fish. 2,549,898, Apr. 24.
Slide fastener. J. J. Root. 2,552,218, May 8.
Slide fastener. J. G. Soave. 2,571,072, Oct. 9.
Slide fastener. G. Sundback. 2,554,929, May 29.
Slide fastener. M. Winterhalter. 2,563,767, Aug. 7.
Slide fastener brief case. H. J. and G. G. Guenther. 2,560,437, July 10.
Slide fastener closure. J. A. Cook. 2,551,245, May 1.
Slide fastener end stopping. A. M. Brown. 2,549,051, Apr. 17.
Slide fastener lock. G. Sundback. 2,555,164, May 29.
Slide fastener structure. N. A. Wahl. 2,564,742, Aug. 21.
Slide fastener tool. J. R. Scheib. 2,579,207, Dec. 18.
Slide flute. R. W. Lawrence. 2,544,033, Mar. 6.
Slide for collars, Tie. H. S. Gilman. 2,555,482, June 5.
Slide for firearms, Operating. W. A. Schaich. 2,538,048, Jan. 16.
Slide lock table. W. E. Hall. 2,542,770, Feb. 20.
Slide mechanism for end extension tables. M. Fox. 2,553,819, May 22.
Slide mounting. F. Firmin. 2,548,712, Apr. 10.
Slide percussion tool. G. J. Moeller. 2,572,370, Oct. 23.
Slide projector with remote control, Electrically actuated. J. A. Tuck. 2,579,281, Dec. 18.
Slide structure for drawers, shelves, and the like. G. V. Jakeway. 2,564,658, Aug. 21.
Slide switch. G. I. Dissinger. 2,566,720, Sept. 4.
Slide table top for tables, Supplementary. M. Greitzer. 2,572,333, Oct. 23.
Slide valve. R. J. Ott. 2,557,460, June 19.
Slide wire permeability tuner. C. F. Carlson. 2,540,863, Feb. 6.
Slider, Double-acting. C. S. Anderson. 2,542,453, Feb. 20.
Slider for separable fastener stringers. L. H. Morin. 2,537,313, Jan. 9.
Slider for separable fasteners. R. G. Gloss. 2,537,749, Jan. 9.
Slider for separable fasteners. L. H. Morin. 2,568,163, Sept. 18.
Slider for separable fasteners. L. W. Schaff. 2,568,663, Sept. 18.
Slider for slide fasteners. H. Erdmann. 2,569,298, Sept. 25.
Slider for slide fasteners. H. Keech and N. J. Poux. 2,563,246, Aug. 7.
Slider for slide fasteners, Locking. I. Shur. 2,540,693, Feb. 6.
Slider, Reverse locking. D. Marinsky. 2,549,380, Apr. 17.
Sliding carriage pickup assembly. E. E. Masterson. 2,566,091, Aug. 28.
Sliding clamp. W. Murray. 2,559,223, July 3.
Sliding clasp fastener. G. H. C. Corner. 2,546,088, Mar. 20.
Sliding clasp fasteners. P. Menge. 2,537,780, Jan. 9.
Sliding coaxial switch. G. G. Greene. 2,550,921, May 1
Sliding contact of electric machines. F. Portail. 2,555,997, June 5.
Sliding die type drip molding reshaping tool. F. J. Hauschild. 2,556,538, June 12.
Sliding door latch. V. S. Milburn. 2,540,686, Feb. 6.
Sliding jaw type, rack adjusted wrench. W. H. Montgomery. 2,539,964, Jan. 30.
Sliding spool fishing reel. G. Lord. 2,566,344, Sept. 4.
Sliding window fastener. R. W. Gray. 2,547,315, Apr. 3.
Slime control. A. G. Gillaspie. 2,564,430, Aug. 14.
Sling for crippled animals, Mobile. C. C. Creamer, Jr. 2,546,726, Mar. 27.
Sling for small motors. A. J. Vickers. 2,541,449, Feb. 13.
Sling for use in the treatment of unilateral leg diseases. P. Hallstedt. 2,543,847, Mar. 6.
Sling keeper lock. R. S. Tichenor. 2,550,433, Apr. 24.
Sling, Surgical. M. M. Teare. 2,539,677, Jan. 30.
Slip actuator for rotary drilling machines. G. W. Moore. 2,545,627, Mar. 20.
Slip case for bassinets and the like. M. F. Benét. 2,542,618, Feb. 20.
Slip clutch. R. G. Krueger and R. N. Kircher. 2,539,630, Jan. 30.
Slip counter. W. H. Hall. 2,548,307, Apr. 10.
Slip cushion coupling. F. H. H. Foss. 2,560,427, July 10.
Slip ring assembly. J. P. Madden. 2,551,030, May 1.
Slip-seat for high chairs. W. E. Titus. 2,560,708, July 17.
Slip, Strapless. S. Roodner. 2,545,109, Mar. 13.
Slitter device for wire insulation or the like. T. A. Harkins. 2,538,453, Jan. 16.
Slitter for metal strip, Adjustable. N. L. Herman. 2,573,332, Oct. 30.
Slitting device. H. L. Haswell. 2,554,027, May 22.
Slitting mechanism. E. W. Clem. 2,571,201, Oct. 16.
Sliver roll former. H. Fraser. 2,553,038, May 15.
Slot bar for sawing machines. L. C. Hammond. 2,554,299, May 22.
Slot wedge for dynamoelectric machines. H. L. Barth. 2,569,278, Sept. 25.
Slotter for templates and the like. W. P. Eden. 2,564,156, Aug. 14.
Slotting apparatus, Pen nib. C. M. Hathaway. 2,544,156. Mar. 6.
Slotting machine operating at universal angles in overall locations. R. F. Bannow and M. Wahlstrom. 2,551,359. May 1.
Slotting mechanism. R. K. F. Baumle. 2,561,966, July 24.
Slow descent device for aircraft. P. Orazi. 2,577,031, Dec. 4.
Slub catcher. P. B. Lewis. 2,561,126, July 17.
Sludge and condensate discharge for steam peelers. W. de Back. 2,567,103, Sept. 4.
Sludge handling system and apparatus. C. Yeomans. 2,541,630, Feb. 13.
Sludge heater. L. K. Cecil and H. W. Gillard. 2,538,412, Jan. 16.
Sludge removing system. H. W. Hapman. 2,573,905, Nov. 6.
Slug receiver. P. G. Woodliff. 2,563,147, Aug. 7.
Slug rejector scavenger for magnetic coin testers. L. J. Andres. 2,555,669, June 5.
Slur cam assembly. J. H. Chilton. 2,555,026, May 29.
Slush pump. Q. O. Stevens. 2,550,171, Apr. 24.
Slush trap. A. F. Duchesneau. 2,539 820, Jan. 30.
Small soldering iron. W. Imobersteg. 2,562,791, July 31.
Smelter, Continuous. G. H. McIntyre. 2,539,694, Jan. 30.
Smelting of iron and steel. A. G. E. Robiette. 2,564,233, Aug. 14.

Smoke agent. J. P. Clay and H. B. Elkins. 2,574,466, Nov. 13.
Smoke agent. L. Finkelstein and S. J. Magram. 2,543,006, Feb. 27.
Smoke and gas consumer. D. G. Edwards. 2,557,419, June 19.
Smoke detection and extinguishing system. A. F. Olsen. 2,536,694, Jan. 2.
Smoke detector and signal. C. N. Cahusac and F. B. Allen. 2,537,028, Jan. 9.
Smoke detector and signal for Diesel locomotives. C. N. Cahusac and D. A. Diehl. 2,572,008, Oct. 23.
Smoke eliminating apparatus. C. Pierce. 2,562,507, July 31.
Smoke for treating comestibles and apparatus for practicing such process, Producing. C. S. McMullen. 2,558,307, June 26.
Smoke generator. B. B. Blackford and C. R. Wallace. 2,546,964, Apr. 3.
Smokehouse meat rack. J. O. Cadwallader. 2,574,319, Nov. 6 .
Smoke pot. H. H. Champney and L. B. Counterman. 2,565,352, Aug. 21.
Smokeless powder, Large grain. R. F. Preckel. 2,549,005, Apr. 17.
Smoker. I. G. Blundell. 2,561,684, July 24.
Smoker's accessory. I. R. Linnard. 2,560,230, July 10.
Smoker's appliance. J. L. Williams. 2,572,415, Oct. 23.
Smoker's appliance, Combination. M. J. Osborne. 2,536,078, Jan. 2.
Smoker's pipe. D. H. Hayden. 2,553,501, May 15.
Smoker's pipe cleaner. A. Marshall. 2,575,634, Nov. 20.
Smoking and tenderizing meat products, Method and apparatus for. C. E. Dillon. 2,576,925, Dec. 4.
Smoking article. A. S. Carlson. 2,575,488, Nov. 20.
Smoking article. F. J. Sowa. 2,565,052, Aug 21.
Smoking article support. J. L. Lindsey. 2,565,864, Aug. 28.
Smoking device. E. O. Hutcheson. 2,561,626, July 24.
Smoking device. G. W. Rehfeld. 2,546,237, Mar. 27.
Smoking device. H. J. Trainor. 2,561,451, July 24.
Smoking pipe. I. and G. P. Anderson. 2,564,799, Aug. 21.
Smoking pipe. J. E. Ayres. 2,573,822, Nov. 6.
Smoking pipe. O. W. F. Haas. 2,551,121. May 1.
Smoking pipe. R. J. Lemp. 2,576,796, Nov. 27.
Smoking pipe. G. R. McAllaster. 2,563,349, Aug. 7.
Smoking pipe. C. H. Morris. 2,570,471, Oct. 9.
Smoking pipe. A. Partin. 2,561,751, July 24.
Smoking pipe. P. A. Peterson. 2,569,189, Sept. 25.
Smoking pipe. W. Record. 2,551,290. May 1.
Smoking pipe. C. C. Wilson. 2,544,206, Mar. 6.
Smoking pipe coating composition. H. A. DePhillips. 2,580,079, Dec. 25.
Smudge resistant transfer sheet and making same. M. J. Holik. 2,554,909, May 29.
Snagproof drag. M. L. Thompson. 2,538,399, Jan. 16.
Snap-acting control. E. S. Smith. 2,564,931, Aug 21.
Snap acting control switch. E. C. Raney. 2,556,981, June 12.
Snap acting device. C. M. Christensen. 2,545,765, Mar. 20.
Snap acting device. E. F. Kohl. 2,558,219, June 26.
Snap acting device. E. F. Kohl. 2,558,258, June 26.
Snap-action electric switch. G. Hollis. Re. 23,412, Sept. 25.
Snap-action mechanism. E. A. Rockwell. 2,536,141. Jan. 2.
Snap action switch. C. W. Wood. 2,574,429, Nov. 6.
Snap-action thermostatic switch. C. S. Mertler. 2,543,040, Feb. 27.
Snap fastener. J. P. Francesco. 2,549,793, Apr. 24.
Snap fastener. D. C. Gillespie. 2,548,838, Apr. 10.
Snap fastener carding machine. M. Kiessling. 2,575,019, Nov. 13.
Snap fastener display card. R. C. Chapman and W. W. Borowy. 2,560,932, July 17.
Snap gauge. J. Reef. 2,562,124, July 24.
Snap gauge. J. B. Shockley. 2,551,059, May 1.
Snap hook. E. T. Blazewicz. 2,560,550, July 17.
Snap hook. O. Gries. 2,540,330, Feb. 6.
Snap hook. J. T. Rebotsky. 2,565,268, Aug. 21.
Snap hook. J. R. Reyburn. 2,556,741, June 12.
Snap hook. F. Vogel. 2,571,971, Oct. 16.
Snap hook. P. R. Wheeler. 2,562,401, July 31.
Snap-on perforated shaker disk for condiment container and closure can over said disk. E. A. Randlett. 2,576,416, Nov. 27.
Snap seal fastener. G. C. Hurt. 2,546,542, Mar. 27.
Snap switch. W. H. Hollinshead. 2,572,622, Oct. 23.
Snap switch. R. E. Prouty. 2,547,171, Apr. 3.
Snap switch. A. Van Ryan and W. R. Harry. 2,565,790, Aug. 28.
Snap switch. W. Von Stoeser. 2,551,714, May 8.
Snare trap. S. E. Haviland. 2,537,894, Jan. 9.
Snatch block. M. W. Schrader. 2,555,059, May 29.
Snow and dirt moving and terracing attachment for tractors. B. F. Arps. 2,560,711, July 17.
Snow and ice melting device for vehicles. J. L. Hamblin. 2,560,221, July 10.
Snow and ice melting machine. A. Fiduccia. 2,576,829, Nov. 27.
Snow and soil remover. P. E. Hedley. 2,552,426, May 8.
Snow melting apparatus. B. S. Wilson. 2,566,473, Sept. 4.
Snowplow. O. H. Borgeson. 2,575,091, Nov. 13.
Snowplow for driveways, sidewalks, etc., Rotary. M. Garland. 2,536,166, Jan. 2.
Snowplow, Rotary. A. T. Kear. 2,545,470, Mar. 20.
Snowplow, Rotary drum. F. F. Wallack. 2,555,948, June 5.
Snow removal apparatus. W. Heining. 2,543,166, Feb. 27.
Snow tractor. E. M. Tucker. 2,561,716, July 24.
Snubber. A. F. O'Connor. 2,570,371, Oct. 9.
Snuffer. S. T. Atterbury. 2,536,900, Jan. 2.
Snuffer structure for cigarette lighters. R. D. Lloyd. 2,546,128, Mar. 20.
Soak pad. L. Schworm, Jr. 2,579,275, Dec. 18.
Soap Composition, Liquid. R. H. Price. 2,551,634, May 8.
Soap composition, Nonfoaming. A. L. Fox. 2,543,744, Mar. 6.
Soap containing handle. A. E. Hartmann. 2,568,856, Sept. 25.
Soap dispenser. L. Webb. 2,554,393, May 22.
Soap holder. H. L. Britton. 2,568,714, Sept. 25.
Soap holder. I. Morse. 2,560,699, July 17.
Soap molding frame. S. B. Gersten and J. Raschal. 2,569,469, Oct. 2.
Soap package, Water disintegratable. M. S. Banks. 2,539,395, Jan. 30.
Soap press. C. Roma, Jr. 2,558,879, July 3.
Soap solution dispenser. H. M. Williams. 2,564,618, Aug. 14.
Sock, Cloth top. W. F. Connor. 2,571,543, Oct. 16.
Sock with rearwardly extending toe cap, Leather soled. A. S. Reed. 2,578,091, Dec. 11.
Socket and hose assembly. W. H. Johnson. 2,552,791, May 15.
Socket and plug, Electric outlet. C. E. Woodside, W. R. Smith, A. L. Woodside, and Z. A. Armstrong. 2,562,592. July 31.
Socket and switch. E. G. Gaynor. 2,537,581, Jan. 9.
Socket and switch, Incandescent lamp. H. C. Robertson. 2,545,860, Mar. 20.
Socket assembly for fluorescent lamp fixtures. J. H. Wise. 2,563,146, Aug. 7.
Socket assembly, Resilient. J. F. Byrd and P. W. Wildow. 2,560,212, July 10.
Socket construction, Lamp. C. E. Caestecker. 2,557,337, June 19.
Socket contact. A. W. Franklin. 2,550,237, Apr. 24.
Socket contact with resilient inserts. P. de Beauvais. 2,546,061, Mar. 20.
Socket, Dual pack-off. D. D. Pilgrim and J. J. Meagher. 2,559,997, July 10.
Socket, Electric lamp. G. B. Benander. 2,567,686, Sept. 11.
Socket, Electrical. H. W. Wellington. 2,550,177, Apr. 24.
Socket, Embedded screw-threaded. H. P. Henderson and P. Kaplan. 2,560,951, July 17.
Socket, Flash lamp ejector. H. W. French, Jr. 2,565,492, Aug. 28.
Socket, Fluorescent lamp. R. P. Rosen. 2,567,731, Sept. 11.
Socket for an elongated tubular lamp having contact pins at its ends. J. Semeyn. 2,575,597, Nov. 20.
Socket for bolts, Anchoring. G. F. Croessant. 2,559,281, July 3.
Socket for electric discharge lamps. G. C. Salneu. 2,561,954, July 24.
Socket for electrical devices. C. Metcalfe and R. Sexton, 2,536,652, Jan. 2.
Socket for elongated tubular lamps, Electric lamp. T. Wold. 2,555,524, June 5.
Socket for fluorescent light tubes, Telescoping. G. B. Kurtzon. 2,560,877, July 17.
Socket for incandescent lamps and mountings therefor, Electrical. L. S. Baker. 2,536,710, Jan. 2.
Socket for printed circuits, Tube. H. M. Barton, Jr. 2,569,550, Oct. 2.
Socket for series lamps and string thereof. C. M. Rively and H. W. Rimbach. 2,576,363, Nov. 27.
Socket for starter units for fluorescent lamps. J. O. Howard. 2,571,881, Oct. 16.
Socket for tube type incandescent lamps. R. P. Rosen. 2,554,541, May 29.
Socket having leaf spring contacts, Lamp. A. J. Shaback. 2,549,134, Apr. 17.
Socket, High-frequency tube. C. J. Probeck. 2,552,456, May 8.
Socket member for coaxial connectors. K. McGee, and H. D. Vanderpool. 2,557,130, June 19.
Socket member, Separable snap fastener type. W. A. Bedford, Jr. 2,546,716, Mar. 27.
Socket, Rectifier tube. H. Hubbell and J. F. Healey. 2,558,755, July 3.
Socket, Tube. H. Z. Benton and R. R. Over. 2,556,956, June 12.
Socket wrench. H. A. Werich. 2,555,836, June 5.
Socket wrench head and staking device. M. Van Winkle, Jr. 2,538,343, Jan. 16.
Soda fountain and ice-cream cabinet, Combination. A. K. Smith. 2,560,488, July 10.
Sodium chlorite manufacture. F. H. Dole. 2,565,209, Aug. 21.

Sodium cyanate and fatty alcohols, Concurrent manufacture of. J. Kamlet. 2,563,044, Aug. 7.
Sodium dehydrocholate solution, Stabilized. L. A. Crandall, Jr. and O. F. Ungnade. 2,542,481, Feb. 20.
Sodium pantothenate composition, Stabilized. H. H. Bogin and R. D. Feick. 2,555,463, June 5.
Sofa and Hollywood bed, Combined. T. R. Gibbs. 2,579,921, Dec. 25.
Sofa-bed. L. Robinson. 2,539,103, Jan. 23.
Sofa-bed construction. H. E. Lowry. 2,569,999, Oct. 2.
Sofa, Convertible. L. Robinson. 2,557,692, June 19.
Sofa or chair and disappearing table, Combination. A. and A. Yodice. 2,538,823, Jan. 23.
Soft drink bottle carrier. C. S. Glenny. 2,551,262, May 1.
Soft ferromagnetic material and making same. J. L. Snoek, P. W. Haayman, and F. C. Romeyn. 2,579,978, Dec. 25.
Soft tire indicator. C. Gallot and A. G. Olscheske. 2,570,108, Oct. 2.
Soft tubing connector. J. Corydon, II. 2,545,263, Mar. 13.
Softening water, Method of and apparatus for. E. B. Miller. 2,556,480, June 12.
Soil and weed treating apparatus. F. W. and W. H. Opp. 2,558,376, June 26.
Soil auger lifter. D. H. Ernest, Jr. 2,564,965, Aug. 21.
Soil elevating and treating machine. B. B. Elliott and G. S. Allin. 2,563,926, Aug. 14.
Soil erosion control. J. R. Benson. 2,556,162, June 12.
Soil fumigant comprising fumaric dinitrile. R. L. Krause. 2,555,796, June 5.
Soil fumigant pump. C. V. Morine. 2,565,255, Aug. 21.
Soil roller. L. Schlentz. 2,555,249, May 29.
Soil stabilization. A. Holmes. 2,575,170, Nov. 13.
Soil working element, Rotary. O. G. A. and A. G. B. Settergren. 2,545,590, Mar. 20.
Solder composition. L. Pessel. 2,547,771, Apr. 3.
Solder package. H. Shonberg. 2,557,574, June 19.
Soldering bit. J. J. Nockunas. 2,558,192, June 26.
Soldering connector of dry batteries. A. F. Rock. 2,575,976, Nov. 20.
Soldering fixture. M. C. Gauthier. 2,561,196, July 17.
Soldering flux. W. B. Franklin. 2,575,413, Nov. 20.
Soldering flux. C. A. Vieno. 2,548,690, Apr. 10.
Soldering flux compositions. H. R. Williams. 2,553,226, May 15.
Soldering gun. J. L. Caliri. 2,560,552, July 17.
Soldering gun. J. L. Caliri. 2,570,762, Oct. 9.
Soldering iron. W. P. Schiffleger. 2,538,474, Jan. 16.
Soldering iron stand. H. S Wedmore. 2,570,041, Oct. 2.
Soldering iron with regulable solder supply. H. Cartmill. 2,565,909, Aug. 28.
Soldering machine. E. E. Nofzinger. 2,573,594, Oct. 30.
Soldering machine with improved wiper mechanism, Can body side seam. J. S. Brown and J. Melzer. 2,553,547, May 22.
Soldering, Method and apparatus for. C. F. Block. 2,546,719, Mar. 27.
Soldering tool. O. Schnepp. 2,550,090, Apr. 24.
Solderless connector. R. H. Kingdon. 2,539,628, Jan. 30.
Solders. R. Chadwick and W. G. Heaton. 2,552,935, May 15.
Sole and heel, Shoe. H. H. Johnson. 2,555,590, June 5.
Sole-conditioning machine. H. E. Marasco. 2,551,804, May 8.
Sole construction, Nonskid rubber. D. E. Crooker. 2,557,946, June 26.
Sole, Cushion. S. Stoiner. 2,549,343, Apr. 17.
Sole element, Flexible. G. Supple. 2,552,601, May 15.
Sole mold selector and conveyer. L. F. Exley. 2,573,251, Oct. 30.
Soleplate and cover for electric flatirons, Block. F. E. Finlayson. 2,561,189, July 17.
Sole, Platform type. A. E. Kleven. 2,557,546, June 19.
Sole rounding and channeling machine. J. P. Frederick-sen. 2,540,197, Feb. 6.
Sole, Shoe. H. H. Johnson. 2,551,885, May 8.
Sole to permit circulation of air in rubber footwear. M. Dunker. 2,552,711, May 15.
Solenoid-operated valve. H. E. Koepcke. 2,539,913, Jan. 30.
Solenoid with armature, Corrosion resistant. P. H. Thompson. 2,539,285, Jan. 23.
Solenoid with casing, Plunger type. W. A. Ray. 2,562,392, July 31.
Solenoid valve. P. Schell. 2,574,762, Nov. 13.
Solid compositions containing polyoxyethylene aliphatic amines and amides. G. E. Barker. 2,559,584, July 10.
Solid compositions containing polyoxyethylene esters. G. E. Barker. 2,559,583, July 10.
Solid fuel agglomerates, Production of. H. Z. Martin and K. J. Nelson. 2,560,357, July 10.
Solid fuel furnace. A. G. Edvinsson. 2,578,051, Dec. 11.
Solid-liquid reaction processes. R. Stanton. 2,572,887, Oct. 30.
Sols. H. M. Stark. 2,560,707, July 17.
Solubilizing at least partially insoluble and gelatinized oils. M. Kronstein. 2,568,551, Sept. 18.
Solubilizing at least partially insoluble and gelatinized waxes. M. Kronstein. 2,568,550, Sept. 18.
Solubilizing keratin C. H. Binkley. 2,542,984, Feb. 27.
Solubilizing titaniferous materials. F. J. Schultz. 2,576,483, Nov. 27.
Soluble binary copolymers of allylic monoethers and poly 2-alkenyl esters. P. O. Tawney. 2,561,153, July 17.
Soluble copolymers of polymerizable monomers and drying oil acids-unsaturated dicarboxylic acid-polyhydric alcohol esters and making them. F. B. Root. 2,559,465, July 3.
Soluble cutting oils. T. W. Dixon. 2,563,588, Aug. 7.
Soluble fertilizer applicator. F. E. Rice. 2,542,431, Feb. 20.
Soluble fusible unsaturated halogen-containing resins made by polymerization of di-2-alkenyl ester of an alpha-ethylenic dicarboxylic acid in the presense of a bromomethane compound typified by bromotrichloromethane. R. A. Gregg. 2,547,701, Apr. 3.
Soluble fusible unsaturated halogen-containing resins made by polymerization of mixture of di-2-alkenyl maleate, di-2-alkenyl fumarate and bromomethane compound typified by bromotrichloromethane. F. J. Foster. 2,547,696, Apr. 3.
Soluble interpolymers of tris-2-alkenyl aconitates and 2-alkenyl chlorides. P. O. Tawney. 2,553,430, May 15.
Soluble interpolymers of tris-2-alkenyl aconitates, 2-alkenyl chlorides, and olefinic-benzenes. P. O. Tawney. 2,553,431, May 15.
Soluble oil. S. P. Waugh. 2,552,913, May 15.
Soluble salts of sulfonamides. H. Koster and G. Gennari. 2,579,933, Dec. 25.
Soluble ternary copolymers of styrene, allylic poly-2-alkenyl esters, and allylic monoethers. P. O. Tawney. 2,561,154, July 17.
Soluble, unsaturated, air-drying interpolymers of 2-alken-oxyalkyl esters of alpha-olefinic moncarboxylic acids with selected 2-alkenyl compounds and making same. P. O. Tawney. 2,567,304, Sept. 11.
Solution agitating device. H. G. Goetz and H. F. Ruschmann. 2,541,353, Feb. 13.
Solution and method for coating zinc surfaces. C. T. Watson. 2,559,812, July 10.
Solution of a conjoint polymer of vinylidene chloride and ethyl acrylate. R. E. F. Stuchlik. 2,545,317, Mar. 13.
Solution of a polymer of vinylidene cyanide in tetramethyl urea. A. E. Ardis. 2,574,369, Nov. 6.
Solution of plasticized cellulose acetobutyrate and fabrics coated therewith. H. A. Gray. 2,561,361, July 24.
Solution polymerization. W. W. Crouch. 2,577,677, Dec. 4.
Solutions of cellulose and resulting product, Making. E. Weiss. 2,536,334, Jan. 12.
Solutions of cellulose triacetate. R. P. Easton. 2,542,402, Feb. 20.
Solutions of gelatin in polyhydric alcohols, Preparing. L. F. Tice. 2,558,065, June 26.
Solutions of polyamides. J. R. Caldwell. 2,544,637, Mar. 13.
Solutions of polymeric chlorotrifluoroethylene. M. M. Sprung and F. O. Guenther. 2,542,070, Feb. 20.
Solutions of polyvinyl chloride and preparing same. D. Finlayson and A. W. M. Cooke. 2,538,091, Jan. 16.
Solvent concentration of vitamins. S. W. Gloyer. 2,573,902, Nov. 6.
Solvent extraction and dewaxing of mineral oils. P. G. Blazer, A. M. Leas, and W. H. Humphreys. 2,557,406, June 19.
Solvent extraction apparatus. C. W. Bilbe. 2,545,938, Mar. 20.
Solvent extraction for the separation of electrolytes. M. Souders, Jr. 2,556,228, June 12.
Solvent extraction of butanolones from water. E. Bergmann. 2,560,921, July 17.
Solvent extraction of organic acids. J. W. Palm and J. A. King. 2,563,739, Aug. 7.
Solvent extraction of vitamin A from fish liver oil. S. E. Freeman and S. W. Gloyer. 2,573,897, Nov. 6.
Solvent extraction process. O. L. Polly and C. H. O. Berg. 2,541,380, Feb. 13.
Solvent extractor. L. F. Langhurst. 2,554,109, May 22.
Solvent fractionation. W. M. Leaders and F. E. Lacey. 2,576,841, Nov. 27.
Solvent fractionation of fatty materials. F. E. Lacey and W. M. Leaders. 2,552,797, May 15.
Solvent fractionation of glyceride oils. S. E. Freeman. 2,573,899, Nov. 6.
Solvent fractionation of refined glyceride oils. S. E. Freeman and S. W. Gloyer. 2,539,661, Jan. 30.
Solvent fractionation of wax-containing mixtures. E. W. Clarke. 2,541,338–40, Feb. 13.
Solvent fractionation of wax-containing mixtures. E. W. Clarke. 2,578,510–12, Dec. 11.
Solvent refining of wax-containing mixtures. E. W. and N. J. Clarke. 2,561,096, July 17.
Solvent saver recovery apparatus. C. F. Dinley. 2,539,407, Jan. 30.
Solvent treatment. H. H. Young and H. C. Black. 2,553,288, May 15.
Sonic generator. C. B. Horsley and G. C. Seavey. 2,552,970, May 15.
Sonic spray drying. C. B. Horsley and H. W. Danser, Jr. 2,576,297, Nov. 27.
Sonic system for measuring filaments. P. A. de Mars. 2,538,444, Jan. 16.
Sonic teacher. L. T. Frost. 2,548,011, Apr. 10.
Sorption of hydrocarbons by activated carbon. J. A. Patterson and J. P. Morgan. 2,571,936, Oct. 16.
Sorting and classifying system for cards or the like. W. E. Block. 2,544,251, Mar. 6.

Sorting apparatus. M. W. Kremer and W. W. Heigle. 2,549,316, Apr. 17.
Sorting case. S. R. Bolling. 2,570,636, Oct. 9.
Sorting, classifying, and purifying apparatus. F. M. Rouget. 2,542,095, Feb. 20.
Sorting device for punched cards. H. E. Hooe. 2,569,170, Sept. 25.
Sorting machine. J. D. Auman. 2,561,413, July 24.
Sorting machine. I. Ghertman. 2,539,995, Jan. 30.
Sorting machine. E. W. Gifford. 2,566,937, Sept. 4.
Sorting machine. O. Z. Wiseman. 2,566,756, Sept. 4.
Sorting machine with electrical timing device, Sheet. J. F. Peters. 2,566,246, Aug. 28.
Sorting mechanism for blanks. W. Pechy. 2,543,802, Mar. 6.
Sound-absorbing surface covering material. T. Muller. 2,556,884, June 12.
Sound and facsimile multiplex system. S. J. Martin. 2,578,714, Dec. 18.
Sound creating device. W. A. Garratt. 2,569,713, Oct. 2.
Sound deadener for vibratory bodies. P. H. Geiger. 2,541,159, Feb. 13.
Sound deadening gun. E. Gustafsson and J. W. Baur. 2,564,896, Aug. 21.
Sound-deadening structure. P. G. Peik. 2,542,428, Feb. 20.
Sound-deadening unit. P. G. Peik. 2,573,482, Oct. 30.
Sound dispersing device. F. A. Manley. 2,566,422, Sept. 4.
Sound film drive. F. B. Dibble. 2,577,652, Dec. 4.
Sound film drive and guide. T. C. Smith, F. H. M. Hart, and W. A. Freer. 2,577,162, Dec. 4.
Sound gatherer. D. Amfitheatrof. 2,537,201, Jan. 9.
Sound on sync separation system. A. V. Lord. 2,563,684, Aug. 7.
Sound passage structure, Microphone. G. L. Carrington. 2,567,875, Sept. 11.
Sound printing mechanism. J. A. Dreyfus. 2,540,660, Feb. 6.
Sound producer, Rotatable tremulant. D. J. Leslie. Re. 23,323, Jan. 9.
Sound record drive. W. K. Rieber. 2,568,869, Sept. 25.
Sound record from polyvinyl halide, butadiene-acrylonitrile rubber, and vinsol. C. L. Parker. 2,539,385, Jan. 30.
Sound recording and reproducing. G. Clutier and M. Assada. 2,561,181, July 17.
Sound recording and reproducing apparatus. W. J. Moreland and H. G. Foote. 2,563,545, Aug. 7.
Sound recording and reproducing head. F. L. Moore. 2,563,860, Aug. 14.
Sound recording and reproducing machine. J. M. Kuhlik. 2,568,681, Sept. 18.
Sound recording apparatus. U. L. diGhilini. 2,537,214, Jan. 9.
Sound recording disk. W. E. Lord. 2,578,892, Dec. 18.
Sound reproducer, Electromagnetic. N. C. Pickering. 2,538,164, Jan. 16.
Sound reproducer having two styli, Magnetic. N. C. Pickering. 2,545,859, Mar. 20.
Sound reproducer of the sound on film type, Selective frequency. W. W. Phillips. 2,540,285, Feb. 6.
Sound reproducing system. W. J. Frantz. 2,548,211, Apr. 10.
Sound reproducing system. R. W. Skene. 2,546,278, Mar. 27.
Sound reproducing system and apparatus. C. Gauthier. 2,559,354, July 3.
Sound-signal appliance, Mechanical. A. Merola. 2,554,627, May 29.
Sound system, Underwater. O. E. Dudley. 2,578,678, Dec. 18.
Sound track carrier. W. Punt. 2,541,381, Feb. 13.
Sound wave transducer. L. J. Anderson. 2,579,136, Dec. 18.
Sounding attachment. R. B. Davis. 2,557,263, June 19.
Source of beta rays, Making a. J. R. Raper. 2,559,259, July 3.
Source of electrical energy. L. Espenschied. 2,539,535, Jan. 30.
Sower with seed dispensing rotor, an adjustable spill plate, and means for accommodating seeds of different sizes. G. E. Russell. 2,564,927, Aug. 21.
Soy-bean protein, Producing high-purity. H. O. Renner. 2,543,467, Feb. 27.
Space apportioning divider for beds. D. L. Williams. 2,563,570, Aug. 7.
Space discharge device having grid of varying electron transparency. A. Montani. 2,557,390, June 19.
Space heater. H. M. Reeves. 2,566,033, Aug. 28.
Space reservation system. D. P. Basu and J. M. Moore. 2,542,890, Feb. 20.
Space reservation system. J. F. Dusek and R. J. Fallert. 2,549,071, Apr. 17.
Spacer for boxes, Bottle. C. F. Bowen. 2,547,303, Apr. 3.
Spacer for freight cars, Box-stack. R. P. Barbour. 2,567,465, Sept. 11.
Spacer for stereotype plate shaving machines, Magnetic. L. H. Conley. 2,552,152, May 8.
Spacer for worn piston ring grooves. A. W. Morton. 2,564,025, Aug. 14.
Spacing device for renewable fuses. F. G. von Hoorn. 2,563,566, Aug. 7.
Spacing means, Parachute cluster. F. P. Smith. 2,536,777, Jan. 2.
Spacing mechanism for Chinese typewriters, Horizontal and vertical. E. Buhler. 2,555,729, June 5.
Spacing mechanism for typewriters, Proportional. R. D. Dodge. 2,547,449, Apr. 3.
Spade connector convertible to ring connector. Q. Berg. 2,570,753, Oct. 9.
Spade, Motor-driven. J. D. Bolongaro. 2,544,747, Mar. 13.
Spade type electric connector. H. W. Batcheller. 2,552,392, May 8.
Spark discharge pulsing circuit. A. E. Young. 2,572,087, Oct. 23.
Spark gap. I. E. Linkroum and R. W. Twaddell. 2,504,399, Feb. 6.
Spark gap, apparatus therefor, and product thereof. A. C. Wall and H. E. Oles. 2,540,921, Feb. 6.
Spark gap device. T. L. Dyer, Jr. 2,565,125, Aug. 21.
Spark-gap liquid level indicator. O. E. Barstow and C. A. Pippin. 2,548,696, Apr. 10.
Spark gap modulator. J. R. Perkins. 2,578,263, Dec. 11.
Spark gap setting device. W. L. Brackenbury and H. W. Barnett. 2,549,165, Apr. 17.
Spark ignition apparatus. J. A. Laird and D. W. Morris. 2,546,550, Mar. 27.
Spark plug. B. C. Fisher. 2,545,546, Mar. 20.
Spark plug. M. J. Marty and G. H. Muller. 2,576,469, Nov. 27.
Spark plug. R. H. Moth. 2,548,170, Apr. 10.
Spark plug and ignition system tester. G. R. Feaster. 2,576,109, Nov. 27.
Spark plug and making same. C. Cipriani. 2,542,903, Feb. 20.
Spark plug assembly. E. D. Faatz. 2,576,176, Nov. 27.
Spark plug cleaner. A. J. Gogel. 2,554,858, May 29.
Spark plug cleaner. H. H. Manchester. 2,552,801, May 15.
Spark plug construction. H. R. Feichter. 2,543,961–2, Mar. 6.
Spark plug electrode. M. J. Stumbock and R. Bayes. 2,545,438, Mar. 20.
Spark plug gap setter. M. A. Bretsch and R. K. Christie. 2,553,169, May 15.
Spark plug terminal protector. J. P. Le Grand and N. W. Young. 2,550,358, Apr. 24.
Sparking plug. W. B. Smits. 2,578,754, Dec. 18.
Spatula, Automatic gripping. A. M. Meyer. 2,573,922, Nov. 6.
Speaker cabinet. E. P. Kennedy. 2,577,528, Dec. 4.
Speaker control, Dual. R. I. Weber. 2,573,122, Oct. 30.
Speaker, Electrodynamic. J. F. Marquis. 2,551,447, May 1.
Speaker having a tubular pot. D. C. Carlson. 2,547,565, Apr. 3.
Special package for frozen uncooked pie crusts. E. E. Harris. 2,555,033, May 29.
Specimen receptacle holder. E. E. and D. C. Trichel. 2,560,199, July 10.
Spectacle case. E. M. Splaine and B. Grosvenor. 2,565,441, Aug. 21.
Spectacle frame. J. J. Rohrbach. 2,554,386, May 22.
Spectacle frame having interchangeable parts. D. E. Culver. 2,564,961, Aug. 21.
Spectacle frame made of tubular metallic stock. R. T. Cook. 2,576,778, Nov. 27.
Spectacle lens mount. H. H. Pelzer. 2,574,839, Nov. 13.
Spectacle neck support. C. E. Nyberg. 2,539,922, Jan. 30.
Spectacle, Semirimless. R. F. E. Stegeman. 2,557,321, June 19.
Spectacle temple. E. F. Nelson. 2,561,402, July 24.
Spectacles. L. S. La Bard. 2,545,583, Mar. 20.
Spectacles, Foldable. G. Viganò. 2,537,248, Jan. 9.
Spectacles having ornamental detachable frames. R. W. Davis. 2,555,578, June 5.
Spectacles, Polyfocal. B. F. Edwards. 2,576,581, Nov. 27.
Spectacles with adjustable multifocal lenses. R. F. E. Stegeman. 2,574,766, Nov. 13.
Spectacles with perfume dispenser. M. M. Kaye. 2,568,919, Sept. 25.
Spectrograph of the Rowland type, Concave grating. A. C. G. Menzies and J. H. Dowell. 2,548,548, Apr. 10.
Spectrographic light source. R. C. Machler. 2,541,877, Feb. 13.
Spectrometer, Mass. C. E. Berry. 2,537,025, Jan. 9.
Spectrometer, Mass. C. E. Berry. 2,548,859, Apr. 17.
Spectrometer, Mass. A. O. C. Nier and M. G. Inghram. 2,551,544, May 1.
Spectrometer. Radio-frequency. C. I. Glassbrook. 2,544,078, Mar. 6.
Spectrometer, Self-calibrating mass. C. F. Robinson. 2,551,637, May 8.
Spectrophotometer, Infrared. H. H. Cary. 2,562,525, July 31.
Spectrophotometer, Recording. G. W. Ewing. 2,551,833, May 8.
Spectrophotometer, Ultraviolet. J. W. Gabel and G. L. Buc. 2,540,780, Feb. 6.
Spectrum analyzer. G. N. Kamm. 2,569,129, Sept. 25.
Speech correction device. F. F. Stelz. 2,549,398, Apr. 17.
Speech intercommunication system between remote points. S. A. Kilminster. 2,554,912, May 29.

Speech privacy system, Variable delay. J. C. Steinberg. 2,539,556, Jan. 30.
Speed adjusting mechanism for disk type camera shutters. J. Mihalyi. 2,537,905, Jan. 9.
Speed adjustment for phonograph turntables. C. B. Dale. 2,577,649, Dec. 4.
Speed and barometric responsive fuel control for gas turbines. S. M. Udale. 2,538,605, Jan. 16.
Speed and pressure control apparatus for combustion engines, Coordinated. H. T. Sparrow. 2,551,979, May 8.
Speed and torque responsive coupling. A. Y. Dodge. 2,546,633, Mar. 27.
Speed apparatus, Constant. J. L. Russell. 2,552,296, May 8.
Speed barometric altitude and airplane acceleration responsive fuel control. S. M. Udale. 2,538,606, Jan. 16.
Speed change assembly. D. Dorris and G. P. Dorris, Jr. 2,556,259, June 12.
Speed change driving head for power-driven machines. E. T. Barnett. 2,544,061, Mar. 6.
Speed-changing mechanism, Reversible. L. Pease. 2,542,351, Feb. 20.
Speed chuck. E. P. Saunders. 2,571,621, Oct. 16.
Speed control apparatus. H. E. Meinema. 2,551,620, May 8.
Speed control device for centrifuges. C. Frankenstein. 2,548,299, Apr. 10.
Speed control for capacitor-run motors. J. B. Reeves. 2,554,956, May 29.
Speed control for electric motors. J. E. Jones and J. B. Reeves. 2,571,454, Oct. 16.
Speed control for hydraulic systems with compensation for viscosity changes. R. E. Price. 2,572,385, Oct. 23.
Speed control for motor vehicles, Selective. G. B. Smith. 2,553,118, May 15.
Speed control for motors. C. H. Sparklin. 2,543,812, Mar. 6.
Speed control for recording densitometers. M. H. Sweet. 2,550,648, Apr. 24.
Speed control mechanism. A. D. Robertson. 2,557,765, June 19.
Speed control, Motor. H. S. Jacobs. 2,559,538, July 3.
Speed control system. C. R. Hanna and S. J. Mikina. 2,571,869, Oct. 16.
Speed control system, Automatic train. H. H. Durheim and S. Van Mierlo. 2,557,954, June 26.
Speed control system for capacitor motors. J. H. Trevitt. 2,576,084, Nov. 20.
Speed control system for centrifugals. R. J. Huser and A. H. Stuhlreyer. 2,551,838, May 8.
Speed control system for direct-current motors. H. C. Roemke. 2,546,783, Mar. 27.
Speed control with penalty means in continuous inductive train control systems. C. S. Bushnell. 2,559,397, July 3.
Speed controller, Automatic. M. R. Seldon. 2,549,020, Apr. 17.
Speed controlling arrangement for dynamoelectric machines. C. A. Thomas. 2,564,514, Aug. 14.
Speed decelerating indicator for motor vehicles. T. G. Brown. 2,574,616, Nov. 13.
Speed governing apparatus. R. Lee. 2,551,021, May 1.
Speed governor mechanism for aircraft internal-combustion turbine engines. F. H. Carey. 2,559,938, July 10.
Speed indicating device. E. C. Vrooman. 2,579,349, Dec. 18.
Speed-limiting device for dynamoelectric machines. H. D. Else. 2,550,111, Apr. 24.
Speed measuring mechanism. A. J. Hornfeck. 2,575,494, Nov. 20.
Speed reducer. L. H. Browne. 2,556,359, June 12.
Speed reducing unit, Two-way. F. B. Recker. 2,561,755, July 24.
Speed regulating hydraulic clutch. L. A. Dickens. 2,551,249, May 1.
Speed regulating mechanism. W. W. Paget. 2,546,611, Mar. 27.
Speed regulation of dynamotors. T. A. Hansen. 2,544,383, Mar. 6.
Speed responsive coupling. R. M. Purdy. 2,549,748, Apr. 17.
Speed responsive coupling. W. J. Spengler. 2,549,749–51, Apr. 17.
Speed responsive device. G. T. Randol. Re. 23,375, June 5.
Speed responsive device, Centrifugal guided. H. G. Adler. 2,553,736, May 22.
Speed responsive device, Centrifugal guided. E. J. Duzy. 2,552,036, May 8.
Speed responsive device, Magnetic. L. L. Bosch 2,549,754, Apr. 24.
Speed responsive device of the flyball type. J. T. Hunt. 2,544,791, Mar. 13.
Speed responsive device with automatic fluid pressure modifier. C. L. Muzzey and H. Carson. 2,561,588, July 24.
Speed-responsive fuel-control internal-combustion engines. W. H. Du Shane. 2,568,912, Sept. 24.
Speed-responsive presser device for sewing machines. B. P. Pinkvoss. 2,541,888, Feb. 13.
Speed responsive pressure fluid servomotor. B. O. Burritt. 2,560,758, July 17.
Speedometer. E. T. Gregorie and M. Jovanovich. 2,561,508, July 24.
Speedometer cable fitting lock. G. S. Kontra. 2,565,659, Aug. 28.
Spent catalyst stripper for fluidized catalytic cracking process. E. Strunk and L. H. Vautrain. 2,554,426, May 22.
Spermicidal composition. F. V. Sander. 2,541,103, Feb. 13.
Spherical bore gauge. K. H. Meuller and H. V. Törnebohm. 2,577,262, Dec. 4.
Spherical rotary conveyer type trap chamber dispenser. C. E. May. 2,575,967, Nov. 20.
Spherical thrust bearing. A. B. Lakey. 2,569,178, Sept. 25.
Sphygmomanometer. C. L. Farrand. 2,571,124, Oct. 16.
Sphygmomanometer. R. H. Miller. 2,560,237, July 10.
Spice extract and producing. L. Sair and L. A. Hall. 2,571,948, Oct. 16.
Spice extraction and product. L. A. Hall and L. Sair. 2,571,867, Oct. 16.
Spider for lawn mower reels. R. S. Kinkead. 2,545,520, Mar. 20.
Spigot washer and contracting liner, Combined. H. R. Harding 2,569,471, Oct. 2.
Spike for beet harvesters, Replaceable beet elevating. G. A. Cushman. 2,550,976, May 1.
Spike-tooth harrow, Wheeled. F. B. Hemmert. 2,556,274, June 12.
Spin casting reel. A. W. Guthrie. 2,538,153, Jan. 16.
Spindle and bearing assembly, Front wheel. K. E. Lyman. 2,536,819, Jan. 2.
Spindle and bobbin shaft mounting for roving frames. J. B. Goodgame. 2,551,210, May 1.
Spindle and clip, Reel. F. P. Fogle. 2,537,263, Jan. 9.
Spindle assembly, Spinning. P. G. Palmgren. 2,546,473, Mar. 27.
Spindle, Automatic record changer. E. C. Guedon. 2,545,847, Mar. 20.
Spindle brake. F. H. Sweet. 2,566,258, Aug. 28.
Spindle, Brush. G. L. N. Meyer. 2,566,621, Sept. 4.
Spindle, Cotton picker. C. R. Hagen. 2,546,185, Mar. 27.
Spindle, Double twist. E. Colombu and H. Chapuis. 2,563,641, Aug. 7.
Spindle, Double twist. C. B. Kingsbury. 2,576,124, Nov. 27.
Spindle for die-lapping machines, Toolholding. D. Pastell. 2,567,299, Sept. 11.
Spindle for textile machinery. E. Findlow. 2,578,530, Dec. 11.
Spindle for tubular yarn carriers. D. A. Cabot and F. G. De Santis. 2,556,674, June 12.
Spindle for use in textile machines. E. S. Wood. 2,536,618, Jan. 2.
Spindle for use in textile machines. E. S. Wood. 2,541,802, Feb. 13.
Spindle, Lubricated spinning. E. F. Monnia. 2,555,358, June 5.
Spindle, Millroll. W. O. Critchfield and J. W. Kehoe. 2,537,653, Jan. 9.
Spindle, Phonograph turntable. A. D. Burt. 2,579,999, Dec. 25.
Spindle positioning device. G. Harding. 2,537,269, Jan. 9.
Spindle, Record changer. H. C. Lawin. 2,536,190, Jan. 2.
Spindle, Reel. M. R. Hutchison, Jr. 2,548,534, Apr. 10.
Spindle, Self-sealing automatically lubricated. A. A. McCormack. 2,563,610, Aug. 7.
Spindle, Spinning. W. W. Egee. 2,558,210, June 26.
Spindle, Spinning. T. H. Ljunggren. 2,571,267, Oct. 16.
Spindle, Spinning and twisting. J. Mandouchitch. 2,555,652, June 5.
Spindle, Textile. E. J. Courtney. 2,563,398, Aug. 7.
Spindle, Textile. E. D. Meadows. 2,565,389, Aug. 21.
Spindle, Twisting. J.-L. Pellat-Finet and M. Riffet. 2,541,541, Feb. 13.
Spindle, Winding. A. Beria. 2,537,560, Jan. 9.
Spindle, Yarn. M. C. Miller. 2,558,308, June 26.
Spinner. J. Schindler and A. J. Valdes. 2,562,743, July 31.
Spinner and launcher, Top. R. F. Bourelle and B. T. Widdoes. 2,547,369, Apr. 3.
Spinner for artificial fish baits. L. R. Hesse. 2,551,127, May 1.
Spinner, Steering wheel. J. E. Wood. 2,567,901, Sept. 11.
Spinnerette. A. G. Dowson. 2,566,283, Aug. 28.
Spinning and preparatory machine. J. Noguera. 2,543,374, Feb. 27.
Spinning and twister ring. R. V. Blackwood. 2,550,761, May 1.
Spinning apparatus, Continuous. W. Bakker and B. J. Blomberg. 2,566,438, Sept. 4.
Spinning apparatus for working articles. G. Bonnett, V. A. Rayburn, and D. C. Robson. 2,547,110, Apr. 3.
Spinning apparatus, Metal. W. R. Harrison, W. G. Kilpatrick, H. J. Zimmermann, N. V. Sproul, and L. C. Galleher. 2,567,334, Sept. 11.
Spinning artificial fibers. H. J. McDermott and J. W. Pedlow. 2,536,094, Jan. 2.
Spinning artificial filaments. J. W. Coleman, J. W. Hall, H. D. Merion, S. A. Moss, Jr., and J. W. Pedlow. 2,536,093, Jan. 2.
Spinning cot. A. L. Freedlander. 2,570,935, Oct. 9.
Spinning cot. R. C. Treue. 2,569,546, Oct. 2.
Spinning device. E. S. Reid. 2,559,734, July 10.

Spinning device for earring screw clamps. A. A. de Wilde. 2,572,601, Oct. 23.
Spinning filaments. R. K. Ladisch. 2,571,457, Oct. 16.
Spinning frame control. D. R. Neely. 2,541,885, Feb. 13.
Spinning head. J. Moon. 2,536,304, Jan. 2.
Spinning machine. O. Lambert. 2,548,610, Apr. 10.
Spinning machine, Artificial filament. R. W. Stanley and W. B. Lowe. 2,542,098, Feb. 20.
Spinning machine, Container. J. R. Baumgartner and J. G. Bell. 2,545,912, Mar. 20.
Spinning machine for domestic use. P. E. Caron. 2,538,189, Jan. 16.
Spinning machine, Hinge pin. E. M. Hunt. 2,540,117, Feb. 6.
Spinning of acrylonitrile polymers. G. S. Hooper and G. A. McFarren. 2,570,237, Oct. 9.
Spinning of acrylonitrile polymers. G. A. McFarren. 2,570,257, Oct. 9.
Spinning ring. I. M. Goree. 2,541,238, Feb. 13.
Spinning type fishing reel. F. J. Martini. 2,546,465, Mar. 27.
Spinning viscose. R. S. Bley. 2,577,732, Dec. 11.
Spinnaker sail. E. V. Willis. 2,544,770, Mar. 13.
Spiral scanning mechanism. M. Fritts. 2,537,822, Jan. 9.
Spiral sweep circuit. N. I. Korman. 2,552,437, May 8.
Spiral track developing tank. V. E. Pratt and G. F. Gray. 2,538,268, Jan. 16.
Spirit level. E. J. Casper. 2,568,143, Sept. 18.
Spirit level. M. A. Davis. 2,541,215, Feb. 13.
Spirit level. F. F. Sand. 2,562,127, July 24.
Spirit level. T. F. Vaida. 2,566,542, Sept. 4.
Spirit level casing. W. Veit. 2,543,139, Feb. 27.
Spirit level holder. R. T. Hubbard. 2,557,291, June 19.
Spirobarbituric acids. W. J. Doran and E. M. Van Heyningen. 2,561,688, July 24.
Spirohydrocarbons, Production of. L. Schmerling. 2,563,074, Aug. 7.
Spirothiobarbituric acids. W. J. Doran and E. M. Van Heyningen. 2,561,689, July 24.
Splash guard. B. M. Lewis. 2,571,730, Oct. 16.
Splash guard, Dual-purpose vehicle wheel. V. S. Rheeling. 2,546,781, Mar. 27.
Splash guard for vehicles. W. A. Botz. 2,571,413, Oct. 16.
Splice and making same. H. J. Hansen and D. S. Robbins. 2,558,553, June 26.
Splicer, Tape. R. H. Carson. 2,552,148, May 8.
Splicer, Tape. E. H. Daniel and K. L. Darby. 2,539,611, Jan. 30.
Splicer, Wire fence. I. O. Limpus. 2,566,133, Aug. 28.
Splicing inner tubes. H. H. Vickers. 2,556,305, June 12.
Splicing rubber articles. A. N. Iknayan and A. B. Clayton. 2,550,566, Apr. 24.
Splint, Finger. E. H. Kleinfeld. 2,548,378, Apr. 10.
Splint, Laminated. C. Eames. 2,548,470, Apr. 10.
Split anode for bent gun ion trap cathode-ray tubes. E. Pohle. 2,562,242, July 31.
Split plug body suitable for housing a plurality of different electrical contact elements. A. J. Barocas. 2,573,533, Oct. 30.
Split ratchet socket wrench. H. L. Fish. 2,578,687, Dec. 18.
Split ring expanding implement. E. B. Sawdy. 2,562,128, July 24.
Split wing nut. F. Roerig. 2,576,643, Nov. 27.
Splitter, Vegetable. L. R. Shadduck. 2,538,430, Jan. 16.
Splitter, Vegetable. L. R. Shadduck. 2,572,770, Oct. 23.
Splitting of sulfonamides. D. I. Weisblat, B. J. Magerlein, and D. R. Myers. 2,562,222, July 31.
Sponge and squeegee cleaner. J. T. Coppe. 2,572,112, Oct. 23.
Sponge articles, Manufacture of foam rubber. R. J. Meyer. 2,568,457, Sept. 18.
Sponge containing thrombin, Undenatured gelatin hemostatic. A. Studer. 2,558,395, June 26.
Sponge rubber composition. W. R. Stauffer. 2,567,950, Sept. 18.
Sponge rubber, Frothed latex. T. H. Rogers, Jr., and N. R. Bender. 2,539,931, Jan. 30.
Sponge rubber-textile combination material. E. B. Lewis. 2,567,951, Sept. 18.
Spool. J. P. Locke, E. W. McLean, and L. F. Bridge. 2,579,046, Dec. 18.
Spool. P. M. Mueller. 2,538,584, Jan. 16.
Spool. R. P. Perry, E. A. Dickmann, and L. F. Bridge. 2,573,598, Oct. 30.
Spool. A. J. Weiss. 2,559,056, July 3.
Spool, Collapsible. E. O. Beauregard. 2,546,253, Mar. 27.
Spool combined with thread guide and axial receptacle, Conical. M. Becker. 2,558,808, July 3.
Spool container. F. J. Holsted. 2,556,543, June 12.
Spool for surgical thread, Dispensing. D. S. Jurnove and S. Hammer. 2,550,927, May 1.
Spool-gripper carpet loom. W. Felton. 2,572,327, Oct. 23.
Spool holder. H. J. Duke. 2,574,862, Nov. 13.
Spool, Metal. S. George. 2,568,442, Sept. 18.
Spool, Needle-retaining. L. Locantore. 2,569,684, Oct. 2.
Spool rack. P. R. Baccaro. 2,556,249, June 12.
Spool tension for Axminster tube frames. W. Y. Robb. 2,547,491, Apr. 3.
Spool, Textile. R. Atwood. 2,564,946, Aug. 21.
Spool, Wire recorder. C. B. Dale. 2,536,126, Jan. 2.
Spool with removable head. J. Salkin. 2,575,131, Nov. 13.
Spool with removable heads. H. L. Burbidge. 2,537,327, Jan. 9.
Spooled film developer box. H. von Stwolinski. 2,576,493, Nov. 27.
Spoon, Aerating mixing. J. J. Schmitt. 2,578,208, Dec. 11.
Spoon, Child's. R. S. Claflin. 2,576,388, Nov. 27.
Spoon, Food handling. J. Lanchart. 2,569,179, Sept. 25.
Spoon lure, Combination. D. F. Hyland. 2,567,813, Sept. 11.
Spoon, Measuring. J. G. Weiland. 2,569,703, Oct. 2.
Spoon, Reflecting fishing. C. W. Scott. 2,554,216, May 22.
Spoon, Swivel. P. H. Legarra. 2,571,264, Oct. 16.
Sport seat. F. P. Newton and L. M. Barker. 2,571,282, Oct. 16.
Spot glue applicator for carton making machines. H. V. H. Stoever, Jr. 2,559,175, July 3.
Spotlight. J. Oswald. 2,556,776, June 12.
Spotlight, Adjustable. L. D. Phillips. 2,539,321, Jan. 23.
Spotlight having a flash tube and a modeling lamp, Photographic. F. E. Carlson. 2,542,311, Feb. 20.
Spotlighting unit. N. J. McDaid. 2,557,129, June 19.
Spotting board. H. A. Keyes. 2,565,133, Aug. 21.
Spout, Collapsible dispensing. W. Wilkins. 2,546,052, Mar. 20.
Spout, Collapsible pouring. A. G. Ryan. 2,543,470, Feb. 27.
Spout closure. A. J. Collins. 2,567,183, Sept. 11.
Spout, Dispensing. A. Brooke and W. M. Naumann. 2,554,007, May 22.
Spout, Flexible, retractable dispensing. I. H. Rieke. 2,565,699, Aug. 28.
Spout for liquid containers with opening and closure, said spout adapted to be sealed around the closed opening, Pouring. A. J. Batzler. 2,575,040, Nov. 13.
Spout having means to form dispensing openings in containers, Detachable. C. S. Britton. 2,561,903, July 24.
Spout, hood, and mixing chamber for sanitary fixtures. S. A. Young. 2,546,327, Mar. 27.
Spout, Liquid cooled smelt discharge. B. H. Miller. 2,567,911, Sept. 11.
Spout, Pouring. A. W. Peters. 2,560,776, July 17.
Spout with spaced, flexible, peripheral flanges, releasably connectible to the rim of a carton opening. E. R. Hatheway, Jr. 2,543,909, Mar. 6.
Sprag type one-way clutch. I. J. Gruenberg and C. K. Davis. 2,555,484, June 5.
Sprag type overrunning clutch. E. J. Farkas and J. W. Rackle. 2,542,914, Feb. 20.
Spray apparatus. R. J. Jauch and C. D. Hoover. 2,555,271, May 29.
Spray attachment for fluid containers. F. Ziherl. 2,556,050–1, June 5.
Spray attachment, Metal. E. B. Saupe. 2,563,072, Aug. 7.
Spray boom device. L. Browning. 2,574,206, Nov. 6.
Spray device. L. H. Garey. 2,540,663, Feb. 6.
Spray device. S. A. W. Jeurling. 2,554,829, May 29.
Spray device. C. E. McNutt. 2,574,747, Nov. 13.
Spray device. H. W. Richards. 2,538,948, Jan. 23.
Spray device. B. A. Tetzlaff. 2,566,781, Sept. 4.
Spray device, Fertilizer. J. G. Peterlin. 2,553,379, May 15.
Spray device for washing machines. F. G. Walker. 2,576,982, Dec. 4.
Spray device with speed changing drive, Rotary. E. O. Norris. 2,563,657, Aug. 7.
Spray-dried dyestuff powders comprising lignin sulfonate. V. S. Salvin and W. J. Hart. 2,574,597, Nov. 13.
Spray drier. J. E. Nyrop. 2,559,989, July 10.
Spray drier. A. C. Stoneman. 2,555,516, June 5.
Spray drying apparatus. S. T. Coulter, R. E. Montonna, and A. S. Kitzes. 2,576,264, Nov. 27.
Spray drying apparatus. J. J. Mojonnier. 2,562,473, July 31.
Spray drying equipment and method. D. D. Peebles and R. E. Meade. 2,575,119, Nov. 13.
Spray drying, Method and apparatus for. J. M. Hall and H. E. Tucker. 2,572,857, Oct. 30.
Spray gun. W. P. Carr. 2,553,401, May 15.
Spray gun. W. P. Dalrymple. 2,553,848, May 22.
Spray gun. W. P. Dalrymple. 2,559,407, July 3.
Spray gun. W. P. Dalrymple. 2,578,402, Dec. 11.
Spray gun. W. Stanley. 2,540,357, Feb. 6.
Spray gun. C. W. Traughber, Jr. 2,550,888, May 1.
Spray gun for applying granular materials. L. Hale. 2,571,874, Oct. 16.
Spray gun for comminuted material and adhesive. E. J. Fisher. 2,578,412, Dec. 11.
Spray gun for projecting powdered materials. R. S. Penny. 2,570,004, Oct. 2.
Spray gun keeper. F. F. Melvin and J. O. Stevens. 2,578,572, Dec. 11.
Spray gun, Metallizing. G. Duccini and P. R. Caredio. 2,544,259, Mar. 6.
Spray gun for molten metal. F. J. Smith. 2,579,707, Dec. 25.
Spray gun, Multicolor. J. A. Paasche. 2,559,544, July 3.
Spray gun, Plaster. J. M. McNulty and A. Schiltz. 2,555,238, May 29.
Spray gun shield. H. M. Tallman. 2,555,826, June 5.
Spray gun, Solder. E. H. Miller. 2,541,775, Feb. 13.

Spray gun, Variable-speed wire. K. W. Kenshol. 2,556,193, June 12.
Spray head. S. Isenberg. 2,559,559, July 3.
Spray head. R. J. Swanson. 2,552,352, May 8.
Spray head for fluid receptacles. L. M. Cooper. 2,545,991, Mar. 20.
Spray mast mounting. R. D. Malin. 2,564,489, Aug. 14.
Spray mechanism, Liquid rotor. N. C. Christensen. 2,565,718, Aug. 28.
Spray nozzle, Wheel operated adjustable. D. L. Spender. 2,565,457, Aug. 21.
Spray outfit, Gas-operated. E. D. Rapisarda. 2,550,379, Apr. 24.
Spray painting apparatus. K. E. Arvedlund. 2,579,357, Dec. 18.
Spray-producing apparatus for liquids. G. M. Hall. 2,569,759, Oct. 2.
Spray-roller dispenser. E. A. Johnson. 2,563,842, Aug. 14.
Spray-type absorption tower. F. Wethly and L. T. Hartmann. 2,568,875, Sept. 25.
Sprayer. W. W. Cushman. 2,540,102, Feb. 6.
Sprayer. V. Santarelli. 2,569,903, Oct. 2.
Sprayer. W. W. Tranter. 2,561,432, July 24.
Sprayer. F. Ziherl. 2,557,246, June 19.
Sprayer attachment. R. W. Warrick. 2,552,754, May 15.
Sprayer, Double-action. F. Ziherl. 2,557,247, June 19.
Sprayer, Dry powder. E. Gustafsson, J. W. Baur, and T. Kern. 2,577,519, Dec. 4.
Sprayer, Electric hand. H. R. Rich. 2,547,094, Apr. 3.
Sprayer head control mechanism. W. W. Tranter. 2,577,828, Dec. 11.
Sprayer, Paraffin. L. O. Wing. 2,551,078, May 1.
Sprayer, Rotary valve. G. H. Bramhall. 2,576,669, Nov. 27.
Sprayer, Rotating brush type. M. S. Robertson. 2,556,447, June 12.
Sprayer, Solution-mixing. N. Chase. 2,562,415, July 31.
Sprayer, Thermally actuated. J. T. Efford. 2,560,523, July 10.
Sprayer, Water. M. Sigmund. 2,570,605, Oct. 9.
Sprayer, Windshield. F. E. Stuart. 2,576,198, Nov. 27.
Spraying and dusting machine. R. A. Andrews. 2,569,274, Sept. 25.
Spraying apparatus. R. O. Gangewere. 2,541,695, Feb. 13.
Spraying apparatus. F. Heuser. 2,554,702, May 29.
Spraying apparatus. J. A. Vaughan. 2,579,132, Dec. 18.
Spraying apparatus, Adjustable. M. Copley. 2,551,789, May 8.
Spraying apparatus for spraying moving plates. R. L. Griffin and N. Y. Moore. 2,561,198, July 17.
Spraying apparatus, Orchard. R. B. Trostel. 2,556,831, June 12.
Spraying apparatus, Pneumatic. R. N. Gillespie, J. K. Mair, and C. J. McNally. 2,566,024, Aug. 28.
Spraying apparatus, Portable. E. Able. 2,553,159, May 15.
Spraying apparatus with adjustable booms. F. B. Van Horn. 2,539,288, Jan. 23.
Spraying attachment for airplanes, Crop. W. H. Anderson. 2,564,555, Aug. 14.
Spraying attachment, Vertically adjustable crop. F. Kouril. 2,548,482, Apr. 10.
Spraying device. W. C. Burrucker. 2,564,392, Aug. 14.
Spraying device. J. W. Buss. 2,567,099, Sept. 4.
Spraying device. R. J. Ireland. 2,575,521, Nov. 20.
Spraying device. J. E. Marcuse. 2,547,084, Apr. 3.
Spraying device. C. S. Meyerhoefer. 2,560,730, July 17.
Spraying device. E. O. Norris. 2,545,486–90, Mar. 20.
Spraying device. E. O. Norris. 2,550,714, May 1.
Spraying device. R. R. Ward and H. A. Waters. 2,539,559, Jan. 30.
Spraying device and operation thereof. F. Nieburg. 2,569,251, Sept. 25.
Spraying device for aircraft. C. W. Burnum. 2,562,524, July 31.
Spraying device in combination with a differential control valve. G. J. Hachmeister. 2,558,681, June 26.
Spraying device, Paint. A. W. Salstrom. 2,560,745, July 17.
Spraying device, Weed. L. S. Foster. 2,548,209, Apr. 10.
Spraying equipment, Vehicle mounted. H. A. Cartwright. 2,579,792, Dec. 25.
Spraying head. E. W. Jacobson, H. O. Creazzi, and R. J. S. Pigott. 2,542,775, Feb. 20.
Spraying machine. G. W. Daugherty. 2,547,927, Apr. 10.
Spraying machine, Agricultural crop. H. A. Hartsock. 2,541,417, Feb. 13.
Spraying machine drive. W. MacPherson. 2,555,237, May 29.
Spraying machine, Mobile. J. B. Boyett, Sr. 2,565,587, Aug. 28.
Spraying machine, Portable. W. J. McCarter. 2,576,133, Nov. 27.
Spraying transparent coatings. A. E. Junge. 2,570,245, Oct. 9.
Spreader, Bobby pin. B. T. Cuff. 2,547,814, Apr. 3.
Spreader device for selector devices. E. A. Gubisch. 2,574,102, Nov. 6.
Spreader, Fertilizer. E. V. Barker. 2,555,283, May 29.
Spreader, Fertilizer. G. O. Hoffstetter. 2,543,288, Feb. 27.
Spreader for seed and fertilizer. H. and H. A. Skibbe. 2,538,886, Jan. 23.
Spreading device. F. K. Tarrant. 2,574,159, Nov. 6.
Spreading device, Exhaust driven. L. A. Braswell. 2,538,756, Jan. 23.
Spreading fluid clutch. H. E. Carnagua and D. W. Kelbel. 2,570,641, Oct. 9.
Spreading machine, Fertilizer. W. C. Higby. 2,553,455, May 15.
Spring: *See*—
Adjustable jar trip spring.
Bed spring.
Folding overload spring.
Return spring.
Stainless steel spring.
Tension regulation coil spring.
Toggle spring.
Torsion brake release spring.
Window holding spring.
Spring actuated motor. E. Fields. 2,570,785, Oct. 9.
Spring actuated pivoted snap hook. G. W. Wanner. 2,565,153, Aug. 21.
Spring adjuster, Automatic brush. G. Deakin. 2,557,947, June 26.
Spring adjuster, Vehicle. C. F. Bruhn. 2,567,594, Sept. 11.
Spring anchoring means for oven doors. H. M. Reeves. 2,547,172, Apr. 3.
Spring and axle assembly for vehicles. A. Benz. 2,547,993, Apr. 10.
Spring and axle assembly, Rubber. J. H. Grube. 2,553,188, May 15.
Spring and check, Door closing. P. E. Gibbons. 2,550,059, Apr. 24.
Spring and cushion structure. H. S. Karpen. 2,556,924, June 12.
Spring and snubber for railway car trucks, Combined. G. E. Dath. 2,563,924, Aug. 14.
Spring and the like, Automobile. T. A. Banning, Jr. 2,559,105, July 3.
Spring applied-electromagnetic released brake. E. E. Hallander. Re. 23,362, May 1.
Spring assembly. J. Goldstein. 2,579,818, Dec. 25.
Spring assembly. J. Hilton. 2,562,099, July 24.
Spring assembly, Adjustable vehicle. H. G. Marshall. 2,550,074, Apr. 24.
Spring assembly, Seat cushion. C. E. Platt. 2,542,354, Feb. 20.
Spring balance, Extensible. A. and L. de Vries. 2,565,804, Aug. 28.
Spring base for seats. R. A. Nowell. 2,576,806, Nov. 27.
Spring bending machine. L. Miklic. 2,575,827, Nov. 20.
Spring biased closure. M. L. Selzler and O. O. Oleson. 2,551,058, May 1.
Spring biased sealing device for supporting a luminaire bowl on the reflector. E. H. Yonkers and J. H. Fahey. 2,575,310, Nov. 13.
Springboard. N. Buck. 2,546,151, Mar. 27.
Spring box. E. C. V. Oldofredi. 2,553,269, May 15.
Spring caster. E. L. Wiedman. 2,543,948, Mar. 6.
Spring caster for trailers and the like. M. J. Rasbach. 2,564,996, Aug. 21.
Spring chair. H. V. Thaden. 2,536,326, Jan. 2.
Spring chucking device. J. Mazzola. 2,576,350, Nov. 27.
Spring clamp connector. E. S. Hebeler. 2,547,080, Apr. 3.
Spring closure for dispensing tubular containers, Metering. W. P. and P. A. Bobbs. 2,556,571, June 12.
Spring clutch and energizing means. K. C. Harlan. 2,551,739, May 8.
Spring clutch device. S. F. Gorske. 2,571,232, Oct. 16.
Spring coiling and assembling. J. Kludt and H. Parks. 2,543,370, Feb. 27.
Spring coiling machine. J. Stussi. 2,553,796, May 22.
Spring comparator. T. G. Pidduck. 2,577,805, Dec. 11.
Spring construction. W. C. Anderson. 2,559,103, July 3.
Spring construction. G. E. Gagnier. 2,567,330, Sept. 11.
Spring construction. J. Goldstein. 2,548,968, Apr. 17.
Spring construction. H. Hopkes, Jr. 2,551,800, May 8.
Spring construction, Cutoff cylinder. C. S. Crafts. 2,567,364, Sept. 11.
Spring construction, Upholstery. E. Samel. 2,577,812, Dec. 11.
Spring controlling device, Hydraulic. G. W. Crabtree. 2,551,930, May 8.
Spring coupling. P. C. Smith and D. I. Stepacoff. 2,556,117, June 5.
Spring cushion structure. V. Asaro. 2,538,855, Jan. 23.
Spring cushion with telescopic frame. F. Ebert. 2,541,468, Feb. 13.
Spring dampener. J. L. Sjolander. 2,559,903, July 10.
Spring device. A. F. O'Connor. 2,570,370, Oct. 9.
Spring device. A. G. Samothrakis. 2,563,423, Aug. 7.
Spring device. V. F. Zahodiakin. 2,565,108, Aug. 21.
Spring-driven operating mechanism for electric switchgears. A. Allan and J. F. S. Small. 2,556,054, June 5.
Spring fastening device. S. T. Shears. 2,560,486, July 10.
Spring fastening device. G. A. Tinnerman. 2,562,343, July 31.
Spring fastening device for trim channels. A. E. Krach. 2,563,121, Aug. 7.
Spring fed magazine. L. V. Kapsa. 2,569,995, Oct. 2.
Spring fed magazine for toy machine guns. B. L. Jackson. 2,562,462, July 31.
Spring foot for cultivators, Adjustable. C. E. Barrett. 2,568,267, Sept. 18.

Spring for fold-over articles. R. L. Hatfield. 2,564,570, Aug. 14.
Spring fork mechanism. H. A. Schuricht. 2,543,991, Mar. 6.
Spring foundation for upholstered furniture. A. M. Bank. 2,542,458, Feb. 20.
Spring gaff. D. M. Brace. 2,553,235, May 15.
Spring gate flux dam for galvanizing kettles. M. Hayes. 2,544,956, Mar. 13.
Spring group. R. B. Cottrell. 2,561,308, July 17.
Spring hold-down for radio tubes, Adjustable. L. T. Holden. 2,539,581, Jan. 30.
Spring holder for permanent magnets. J. E. Willing and G. E. Duffy, Sr. 2,536,244, Jan. 2.
Spring latching fastener. G. A. Tinnerman. 2,565,636, Aug. 28.
Spring liner assembly. N. E. Shockey. 2,576,729, Nov. 27.
Spring loaded jaw splice. P. Greco. 2,567,374, Sept. 11.
Spring locking means for a stop pin in a sliding bracket. M. P. Gussack. 2,542,247, Feb. 20.
Springmaking. A. Meletti. 2,548,735, Apr. 10.
Spring manufacture. W. F. Pioch and G. Pascoe. 2,542,940, Feb. 20.
Spring motor. A. A. Gussa. 2,577,962, Dec. 11.
Spring motor. P. B. Saunders, Jr. 2,536,395, Jan. 2.
Spring mounted means. A. B. von Adelung. 2,553,021, May 15.
Spring mounting for automotive vehicles. F. E. Linke. 2,539,091, Jan. 23.
Spring mounting for chair seats and the like. M. Simmons. 2,570,396, Oct. 9.
Spring mounting for turbogenerator stators. M. Rashevsky and R. A. Baudry. 2,561,994, July 24.
Spring retainer for balancers. E. W. Stevens. 2,559,264, July 3.
Spring roller for window shades, Adjustable. H. C. McMullen. 2,557,005, June 12.
Spring scale adjustment means. S. B. Hanssen. 2,564,361, Aug. 14.
Spring selecting and feeding machine. W. K. McInerney and J. M. McInerney. 2,578,438, Dec. 11.
Spring stabilizer attachment. R. H. Hellwig. 2,578,702, Dec. 18.
Spring strip. T. F. Winters. 2,578,958, Dec. 18.
Spring stud fastener. T. W. Hosking. 2,571,364, Oct. 16.
Spring support. E. Howarth and P. C. Sherburne. 2,540,525, Feb. 6.
Spring support mechanism. D. V. James. 2,559,251, July 3.
Spring supported tractor seat. C. W. Parke. 2,558,151, June 26.
Spring suspension. A. E. Murray. 2,570,969, Oct. 9.
Spring suspension assembly. A. T. Watson. 2,559,239, July 3.
Spring suspension for automobiles. J. L. Shelton. 2,564,509, Aug. 14.
Spring suspension for railroad cars. A. F. Hickman. 2,553,583, May 22.
Spring suspension for vehicles. H. R. Hayes. 2,576,935, Dec. 4.
Spring suspension for vehicles. R. H. Hellwig. 2,569,168, Sept. 25.
Spring suspension for vehicles. A. F. Hickman. 2,577,760–1, Dec. 11.
Spring suspension of motor vehicles. J. R. Rix and A. W. Ellcock. 2,536,769, Jan. 2.
Spring suspension. Rear torsion. J. J. Wharam and J. J. Felts. 2,548,507, Apr. 10.
Spring suspension. Tandem axle. A. F. Hickman. 2,567,481, Sept. 11.
Spring suspension, Vehicle. A. F. Hickman. 2,536,933, Jan. 2.
Spring system for furniture. G. Holm. 2,556,085, June 5.
Spring tensioning of bed springs, Adjustable. C. Backus. 2,558,288, June 26.
Spring tester. A. C. Ruge. 2,568,596, Sept. 18.
Spring threaded bolt fastening device. J. K. Barry, Jr. and W. C. Hale, Jr. 2,575,311, Nov. 13.
Spring trip standard for cultivators. W. F. Simpson. 2,565,668, Aug. 28.
Spring trunnion mount. A. Benz. 2,554,553, May 29.
Spring type clutch. W. C. Starkey. 2,566,539, Sept. 4.
Spring type overload release device. W. C. Starkey. 2,541,947, Feb. 13.
Spring unit, Bolster. G. J. Christenson. 2,551,204, May 1.
Spring unit for stripper devices. H. J. Aldrich. 2,579,641, Dec. 25.
Spring winding device. C. Hill and C. K. Johns. 2,563,112, Aug. 7.
Spring winding device. C. Hill and C. K. Johns. 2,571,878, Oct. 16.
Spring with ball retainer. A. Benz. 2,562,256, July 31.
Springless self-equalizing thrust bearing. R. A. Baudry. 2,565,116, Aug. 21.
Sprinkler. L. Aker. 2,563,300, Aug. 7.
Sprinkler. M. R. Brock. 2,573,687, Nov. 6.
Sprinkler. J. E. Brodbeck and L. J. Kading. 2,573,786, Nov. 6.
Sprinkler. M. J. Holmes. 2,574,183, Nov. 6.
Sprinkler. D. L. Spender. 2,557,206, June 19.
Sprinkler, Adjustable. W. S. Pangborn. 2,539,793, Jan. 30.
Sprinkler, Adjustable lawn. T. A. Barham, Sr. 2,544,773, Mar. 13.
Sprinkler, Aeration. E. G. Gettins. 2,564,060, Aug. 14.
Sprinkler alarm switch. V. S. Lovett. 2,537,771, Jan. 9.
Sprinkler and hose reel, Combined. D. C. Salatin. 2,540,556, Feb. 6.
Sprinkler, Automatic spray. A. C. Rowley. 2,553,726, May 22.
Sprinkler, Calibrated two-arm. C. H. Koeppel. 2,574,874, Nov. 13.
Sprinkler control. K. P. Lancaster. 2,577,337, Dec. 4.
Sprinkler, Detachable water. M. Sigmund. 2,568,171, Sept. 18.
Sprinkler for lawns, Rotary. N. M. Rieger. 2,563,962, Aug. 14.
Sprinkler head. C. M. Boroughs. 2,546,120, Mar. 20.
Sprinkler head. S. F. Martin. 2,558,450, June 26.
Sprinkler head for fire-extinguishing systems. W. J. Herrbold. 2,542,080, Feb. 20.
Sprinkler head modification. J. J. Robbins. 2,571,763, Oct. 16.
Sprinkler, Irrigating. L. Olschewski. 2,558,663, June 26.
Sprinkler, Lawn. W. R. Clark. 2,564,465, Aug. 14.
Sprinkler, Lawn. C. H. Cuppett and J. Taylor. 2,564,639, Aug. 14.
Sprinkler, Lawn. L. E. Holland. 2,552,716, May 15.
Sprinkler, Lawn. R. W. Meffan. 2,562,503, July 31.
Sprinkler, Lawn. N. M. Rieger. 2,560,662, July 17.
Sprinkler, Mobile mechanically propelled. C. G. Muench. 2,575,828, Nov. 20.
Sprinkler, Oscillating lawn. M. D. Squiers. 2,546,241, Mar. 27.
Sprinkler system. B. H. Kooken. 2,556,428, June 12.
Sprinkler system and electrical control therefor. H. N. Rider. 2,561,229, July 17.
Sprinkler system, Dry pipe. R. W. Gieseler. 2,558,176, June 26.
Sprinkler system, Fire protection automatic. R. W. Gieseler. 2,558,175, June 26.
Sprinkler system, Lawn. J. A. Halford. 2,569,432, Sept. 25.
Sprinkler, Traveling lawn. W. D. Egly and C. W. Harris. 2,563,519, Aug. 7.
Sprinkler, Traveling lawn. C. W. Sparks, H. O. Klee, and C. M. Sparks. 2,548,326, Apr. 10.
Sprinkler valve. R. R. Wilcox, Jr. 2,546,574, Mar. 27.
Sprinkler with adjustable cam. W. H. Manning. 2,565,926, Aug. 28.
Sprinkling device. E. W. Rose. 2,566,856, Sept. 4.
Sprinkling or irrigating system, Electronically operated soil. B. W. Parker. 2,578,981, Dec. 18.
Sprocket and roller combination for trussed tracks. H. Y. Law. 2,577,471, Dec. 4.
Sprocket chain. E. E. Crane. 2,548,951, Apr. 17.
Sprocket chain package. E. W. Newman. 2,571,748, Oct. 16.
Sprocket wheel construction. S. M. Mercier. 2,579,749, Dec. 25.
Spud for paint spray guns, Valved air hose. W. W. Cullen. 2,558,125, June 26.
Spudding tower head frame. W. T. Young. 2,558,119, June 26.
Spudding wheel. W. M. Magness. 2,557,881, June 19.
Spur for roller skates, Detachable. J. Abel. 2,546,622, Mar. 27.
Squad hitch, Disk harrow. A. E. and G. F. Baccei. 2,577,993, Dec. 11.
Square and compass, Combined. M. E. Peeples. 2,560,127, July 10.
Square and level, Combination. T. A. Kirton. 2,536,447, Jan. 2.
Square and protractor, Combination. M. Luis. 2,570,356, Oct. 9.
Square wave generator. R. L. Haynes. 2,536,641, Jan. 2.
Square-wave generator. M. Morrison. 2,547,338, Apr. 3.
Square wave modulating arrangement. O. H. Schmitt. 2,557,697, June 19.
Squeak inhibiting seal construction for fluid power transmitting devices. R. W. Wolfe. 2,574,808, Nov. 13.
Squeegee operating and control mechanism. S. L. Frank. 2,547,817, Apr. 3.
Squeegee, Suction. W. J. Bridge. 2,553,034, May 15.
Squeegee type cleaning tool. H. Siemund. 2,566,294, Aug. 28.
Squeezer for collapsible tubes, Slide. J. Pepin. 2,534,704, Feb. 27.
Squelch circuit. R. F. Smeltzer. 2,569,348, Sept. 25.
Squirt guard for type casting apparatus. J. N. Bonkrud. 2,564,418, Aug. 14.
Stabilization network. C. E. Young. 2,569,626, Oct. 2.
Stabilization of airplanes having highly swept-back wings. J. K. Northrop. 2,559,827, July 10.
Stabilization of aqueous amine solutions against oxidation and corrosion in gas separation processes. B. T. Alexander. 2,559,580, July 10.
Stabilization of benzyl chloride. E. G. Somogyi. 2,542,216, Feb. 20.
Stabilization of brown rice. E. B. Kester. 2,538,007, Jan. 16.
Stabilization of chlorinated ethylene polymer. G. S. Stamatoff. 2,578,904, Dec. 18.

Stabilization of chlorinated rubbery polymers. F. C. Weissert, E. B. Behrend, and R. C. Briant. 2,537,627, Jan. 9.
Stabilization of chloroethyl dichlorobenzenes. E. R. Erickson. 2,540,869, Feb. 6.
Stabilization of copolymerizable polyestermonomer mixture by means of a solt of a substituted hydrazine. E. E. Parker. 2,570,269, Oct. 9.
Stabilization of cyanogen chloride. M. S. Kharasch. 2,565,771, Aug. 28.
Stabilization of DDT solutions at low temperatures by means of nitrocycloparaffins. L. Q. Boyd. 2,543,955, Mar. 6.
Stabilization of dichlorobutadiene resins. E. P. Stefl and L. O. Bentz. 2,537,639, Jan. 9.
Stabilization of edible fats and oils. J. A. Chenicek and W. K. T. Gleim. 2,557,921, June 26.
Stabilization of enzyme preparations. L. Wallerstein, J. Pfannmuller, and A. Noe. 2,567,747, Sept. 11.
Stabilization of esters of nitromalonic acid. D. A. Lyttle and D. I. Weisblat. 2,540,682, Feb. 6.
Stabilization of ethyl cellulose. P. Van Wyck. 2,561,892, July 24.
Stabilization of furfuryl alcohol. L. E. Klein. 2,561,667, July 24.
Stabilization of halogenated organic compounds with dibutyl diphenyl tin. R. L. Jenkins. 2,578,359, Dec. 11.
Stabilization of high molecular weight organic material containing inorganic acid-forming elements. W. L. J. de Nie and H. T. Voorthuis. 2,564,194–5, Aug. 14.
Stabilization of motor fuels. L. Schmerling and J. A. Chenicek. 2,573,933, Nov. 6.
Stabilization of N,N′ di-secondary-butyl p-phenylene diamine. J. A. Chenicek. 2,549,056, Apr. 17.
Stabilization of organic compounds. R. H. Rosenwald. 2,555,509, June 5.
Stabilization of organic compounds. R. B. Thompson. 2,542,972, Feb. 27.
Stabilization of organic compounds. R. B. Thompson and J. A. Chenicek. 2,554,687, May 29.
Stabilization of organic materials. J. A. Chenicek. 2,553,441, May 15.
Stabilization of organic substances. C. B. Biswell. 2,551,786, May 8.
Stabilization of phenol alkylates by amines. D. R. Stevens and S. C. Camp. 2,570,403, Oct. 9.
Stabilization of polyacrylonitrile solutions. M. Q. Webb. 2,560,053, July 10.
Stabilization of polymeric resins with bismuth salts. F. S. Deutsch and L. H. P. Weldon. 2,560,160, July 10.
Stabilization of polymerized chloro-substituted ethylenes. C. J. Chaban. 2,566,791, Sept. 4.
Stabilization of polymethylene ethyl methyl ketone with resorcinol disalicylate. N. N. T. Samaras. 2,554,060, May 22.
Stabilization of polyvinylidene cyanide solutions. F. F. Miller. 2,548,169, Apr. 10.
Stabilization of pyrophoric iron. V. C. Hamister. 2,578,800, Dec. 18.
Stabilization of pyrophoric metal catalysts under fluidized conditions. J. G. M. Bremner and S. Beaumont. 2,565,347, Aug. 21.
Stabilization of regenerated cellulose fabric with glyoxalamide reaction product. J. Epelberg and R. E. Pemrick. 2,562,161, July 31.
Stabilization of rubber and rubbery polymers and the stabilized products. L. J. Kitchen. 2,537,636, Jan. 9.
Stabilization of rubbery compositions. L. J. Kitchen. 2,560,037, July 10.
Stabilization of 3,4-dihydro-1,2-pyran-2-carboxaldehyde. E. B. Fountain and W. H. Sharp. 2,537,579, Jan. 9.
Stabilization of unsaturated ketones. H. Dannenberg. 2,566,792, Sept. 4.
Stabilization of vinyl resin compositions. T. H. Shelley. 2,574,987, Nov. 13.
Stabilized arc suppressing system for electronic devices. C. C. Herskind and M. J. Mulhern. 2,550,477, Apr. 24.
Stabilized compositions containing high molecular weight halogenated materials. F. M. Abell. 2,559,333, July 3.
Stabilized compositions containing high molecular weight halogenated materials. C. P. van Dijk and H. T. Voorthuis. 2,555,167, May 29.
Stabilized compositions containing high molecular weight halogenated materials. H. T. Voorthuis. 2,555,169, May 29.
Stabilized corn and method therefor. P. C. Anderson and J. L. C. Rapp. 2,567,631, Sept. 11.
Stabilized frequency divider circuit. J. P. Palmer. 2,537,696, Jan. 9.
Stabilized heat-vulcanizing rubber cements, Manufacture of. A. W. Campbell. 2,562,139, July 24.
Stabilized high solids melamine formaldehyde resin solutions. J. D. Pollard. 2,564,925, Aug. 21.
Stabilized iodoxy denzoic compounds and the producing. T. C. Aschner. 2,566,592, Sept. 4.
Stabilized leaded gasolines. H. G. Smith and T. L. Cantrell. 2,560,489, July 10.
Stabilized negative impedance circuit. H. T. Strandrud. 2,557,154, June 19.
Stabilized oxidizable hydrocarbon oil. W. T. Stewart and J. O. Clayton. 2,543,074, Feb. 27.
Stabilized paperboard carrier. W. A. Ringler. 2,564,449, Aug. 14.
Stabilized pressure-operated valve. C. B. Ives. 2,558,652, June 26.
Stabilized solutions of metallic salts. S. B. Elliott and R. J. O'Hara. 2,572,803, Oct. 23.
Stabilized tetrachloroethylene composition. M. J. Skeeters and W. J. Esselstyn. 2,567,621, Sept. 11.
Stabilized transistor trigger circuit. A. J. Rack. 2,579,336, Dec. 18.
Stabilized vinyl chloride polymer compositions. E. E. Cowell and J. R. Darby. 2,568,989, Sept. 25.
Stabilizer and damper, Fluid-dynamic. M. A. Garbell. 2,573,562, Oct. 30.
Stabilizer and torsion bar spring support, Combination. H. Coleman. 2,565,756, Aug. 28.
Stabilizer for automobile frames. J. B. Whitlow. 2,536,337, Jan. 2.
Stabilizer for brick fork trucks, Load. C. H. Schmidgall. 2,557,395, June 19.
Stabilizer for camera shutter trip mechanisms. C. C. Fuerst and D. C. Harvey. 2,571,702, Oct. 16.
Stabilizer for frequency modulation transmitters, Center frequency. A. Shadowitz and M. Silver. 2,556,226, June 12.
Stabilizer for halogen-containing polymers. O. J. Grummitt. 2,554,142, May 22.
Stabilizer for house trailers. A. H. Stade. 2,568,261, Sept. 18.
Stabilizer for large trucks or trailers. F. Biszantz. 2,556,610, June 12.
Stabilizer for outboard motors, Thrust. G. M. Grigg. 2,551,371, May 1.
Stabilizer for pneumatic control. J. H. McLeod, Jr., J. B. Carolus, and L. E. Jewett. 2,543,120, Feb. 27.
Stabilizer for rotary wing aircraft. F. A. Erickson. 2,578,680, Dec. 18.
Stabilizer for semitractors and trailers. J. K. Brewster. 2,545,339, Mar. 13.
Stabilizer for tractor mounted implements. C. B. Richey. 2,579,274, Dec. 18.
Stabilizer for tractors, Automatic. D. H. Claypool. 2,540,653, Feb. 6.
Stabilizer for trailer bogies. G. D. Harrah. 2,552,483, May 8.
Stabilizer for wide pressure planes. D. K. Warner. 2,559,036, July 3.
Stabilizer, Ice-cream. E. F. Glabe. 2,555,849, June 5.
Stabilizer, Overloading. R. Tuck, T. E. Hughes, and A. U. Rigby. 2,553,689, May 22.
Stabilizer, Submarine. L. C. Maspero. 2,555,357, June 5.
Stabilizers for DDT solutions. J. C. Hillyer and C. W. Moberly. 2,543,723, Feb. 27.
Stabilizing aliphatic sulfonylchlorides. J. S. Lann and M. Hunt. 2,556,879, June 12.
Stabilizing apparatus for twin lens cameras, Image. H. Jensen. 2,544,686, Mar. 13.
Stabilizing catalytically cracked furnace distillates and compositions therefor. R. F. Stedman. 2,560,633, July 17.
Stabilizing cellulose yarns. J. A. Stokes. 2,577,593. Dec. 4.
Stabilizing circuit. C. C. Lawry, Jr. 2,546,758, Mar. 27.
Stabilizing cracked distillate. P. H. Carnell. 2,560,632, July 17.
Stabilizing fatty material. J. Ross. 2,567,404, Sept. 11.
Stabilizing hydrocarbons and reagents therefor. J. Ackerman, Jr. and C. W. Moberly. 2,573,294, Oct. 30.
Stabilizing ingredient for food products, Producing a. C. G. Harrel and R. O. Brown. 2,574,179, Nov. 6.
Stabilizing means for lifter roof tanks. C. Arne. 2,578,658, Dec. 18.
Stabilizing microwave oscillations, Method of and systems for. L. E. Norton. 2,559,730, July 10.
Stabilizing photographic emulsions with chloropalladites and chloroplatinites. A. P. H. Trivelli and W. F. Smith. 2,566,263, Aug. 28.
Stabilizing polydiene polymer reacted with sulfur dioxide and resulting products. J. M. Goppel, G. E. Rumscheidt, and J. T. Hackmann. 2,578,653, Dec. 18.
Stabilizing red phosphorus. S. Skolnik and G. L. Bridger. 2,559,684, July 10.
Stabilizing sterile evaporated milk. S. R. Park. 2,553,783, May 22.
Stabilizing surface for aircraft. W. R. Winslow. 2,563,298, Aug. 7.
Stabilizing the foam of malt beverages. H. H. Geller. 2,559,612, July 10.
Stabilizing wood. A. J. Stamm and H. Tarkow. 2,572,070, Oct. 23.
Stable chlorinated malamine composition. F. Strain. 2,578,270, Dec. 11.
Stable histidine ascorbate. A. Walti. 2,570,734, Oct. 9.
Stable leuco toluidine blue O solutions, Preparation of. B. March and E. E. Moore. 2,571,593, Oct. 16.
Stable solution. N. D. Cheronis. 2,568,384, Sept. 18.
Stable vitamin B_{12} composition. M. T. Leffler. 2,579,679, Dec. 25.
Stable, water soluble, cationic melamine formaldehyde resins. G. F. Jones. 2,577,767, Dec. 11.
Stack cover mechanism. J. W. Boswell and H. W. Waters. 2,560,272, July 10.
Stack elevator control mechanism for collating machines. M. D. McShurley. 2,568,246, Sept. 18.
Stackable table. C. Walker. 2,540,849, Feb. 6.

Stacker and counter. H. H. Holly. 2,553,823, May 22.
Stacker. Bale. G. L. Bates. 2,551,235, May 1.
Stacker for hay in bales. C. A. and C. T. Hansen. 2,569,760, Oct. 2.
Stacker for tractors. U. O. Guignard. 2,538,514, Jan. 16.
Stacking and packaging machine for cans, Magnetic. J. C. Strickler. 2,544,735, Mar. 13.
Stacking and transfer mechanism, Article. E. J. Rapp. 2,552,867, May 15.
Stacking apparatus. W. H. Rooksby. 2,579,094, Dec. 18.
Stacking apparatus, Box. A. A. Neja. 2,550,587, Apr. 24.
Stacking guide for crates, boxes, and cases. J. F. Cella. 2,561,561, July 24.
Stacking receptacle. W. F. Best. 2,545,758, Mar. 20.
Stadia rod. R. E. McMackin and H. P. Becker. 2,580,117, Dec. 25.
Stadia target. E. A. Duduit. 2,563,400, Aug. 7.
Stadium seat. J. F. Legois. 2,542,820, Feb. 20.
Stage, Portable. C. W. Kyle and T. E. Holland. 2,560,878, July 17.
Stagewise fluidizing reduction of zinc compounds. J. C. Kalbach. 2,559,631, July 10.
Stagewise process for the hydrogenation of carbon monoxide. P. W. Garbo and E. W. Riblett. 2,567,932, Sept. 18.
Stainless steel, High-temperature. W. C. Clarke, Jr. 2,536,033–4, Jan. 2.
Stainless steel, High-temperature. W. C. Clarke, Jr. 2,540,509, Feb. 6.
Stainless steel pickling bath solution. E. A. Bried. 2,564,749, Aug. 21.
Stainless steel spring. G. N. Goller. 2,553,706–7, May 22.
Stair-step wave generator. G. M. Brown. 2,562,694, July 31.
Stairway. W. D. Phillips and F. L. Hawkins. 2,555,002, May 29.
Stairway, Concealed. H. Morrison. 2,565,778, Aug. 28.
Stairway, Disappearing. E. P. Garner. 2,551,208, May 1.
Stairway, Disappearing. W. C. Pfahl. 2,577,914, Dec. 11.
Stairway, Moving. R. F. Loughridge. 2,570,135, Oct. 2.
Stairway, Portable. C. H. Scott. 2,551,345, May 1.
Stairway with movable handrail. R. W. Babson. 2,576,556, Nov. 27.
Stairs. J. W. Thornton and P. D. Donlon. 2,577,864, Dec. 11.
Stake driver. A. Daso. 2,568,613, Sept. 18.
Stake for logging bunks, Safety. A. Nystrom. 2,563,737, Aug. 7.
Stake for logging trucks and railroad cars, Bunk. J. S. Cliffe. 2,559,007, July 3.
Staking apparatus with movable work holder. E. E. Franz. 2,564,782, Aug. 21.
Stalk cutter. M. G. Denton. 2,574,468, Nov. 13.
Stalk cutter. R. D. Griff. 2,571,441, Oct. 16.
Stalk cutter. J. J. Huitema. 2,537,586, Jan. 9.
Stall and manger construction. J. D. Youngman. 2,547,426, Apr. 3.
Stamp affixing machine, Postage. J. J. Whinton and J. H. Morris. 2,555,523, June 5.
Stamp holding means, Shiftable. J. E. Whittaker. 2,541,800, Feb. 13.
Stamp, Numbering. C. J. Hughey. 2,566,204, Aug. 28.
Stamp rotating mechanism. R. F. Smith, Jr. 2,556,560, June 12.
Stamp, Rubber. E. Schenker. 2,575,772, Nov. 20.
Stamped metal vehicle wheel. H. J. Horn. 2,548,107, Apr. 10.
Stamped sheet metal molding clip. D. H. Waara. 2,561,006, July 17.
Stamped valve handle. J. D. Baldwin, Jr. 2,577,838, Dec. 11.
Stamping machine. J. A. Bower. 2,570,756, Oct. 9.
Stamping machine, Pneumatic die. T. A. Triplett and C. K. Greene. 2,546,114, Mar. 20.
Stanchion. P. W. Benjamin. 2,541,856, Feb. 13.
Stanchion. A. T. Brunner. 2,537,963, Jan. 16.
Stanchion. R. F. Harding. 2,547,319, Apr. 3.
Stanchion. A. H. Magness. 2,536,069, Jan. 2.
Stanchion device, Automatic cow. E. D. Mitchell. 2,544,171, Mar. 6.
Stanchion gate and feedbox, Combination dairy. W. F. Thomas. 2,536,236, Jan. 2.
Stanchion, Safety. C. J. Ford and R. L. Miller. 2,561,016, July 17.

Stand: *See*—
- Accordion stand.
- Adjustable oil jug stand.
- Case stand.
- Christmas tree stand.
- Cigarette ash stand
- Collapsible recessed display stand.
- Collapsible stand.
- Collapsible telescope stand.
- Colostomy screen stand.
- Combination seasoning stand.
- Convertible folding reading stand.
- Display stand.
- Fishing rod stand.
- Flatiron stand.
- Floral display stand.
- Foldable golf bag stand.
- Foldable stand.
- Garbage can stand.
- Garment hanger stand.
- Golf bag stand.
- Guitar stand.
- Hammock stand.
- Knockdown stand.
- Manikin base stand.
- Mill roll stand.
- Motion-picture projection screen stand.
- Oil can display stand.
- Poker chip stand.
- Reservoir desk stand.
- Slack display stand.
- Soldering iron stand.
- Switch stand.
- Telephone supporting stand.
- Tilt stand.
- Trailer tongue stand.
- Work supporting and clamping stand.

Stand. J. M. Hauser. 2,537,826, Jan. 9.
Stand. G. M. Mast and W. K. Gannett. 2,557,608, June 19.
Stand. D. Perlstein. 2,559,317, July 3.
Stand and cabinet apparatus for books, Combined. F. S. Schade. 2,569,117, Sept. 25.
Stand and tray, Display. D. H. Bemis. 2,567,593, Sept. 11.
Stand and utility cabinet, Combined telephone. J. Conrad. 2,563,988, Aug. 14.
Stand for bicycles. E. Morgan. 2,553,466, May 15.
Stand for Christmas trees. D. J. Griffin. 2,550,009, Apr. 24.
Stand for Christmas trees or the like. R. D. Frye. 2,561,693, July 24.
Stand for detachably mounting frames and casings. J. E. V. Winterbourne. 2,551,405, May 1.
Stand for dress forms and the like. R. F. Palmer. 2,552,811, May 15.
Stand for food mixers. S. Misic. 2,552,054, May 8.
Stand for gas containers having attached dispensing hoses and a reel, integral with the stand, for said hoses, Revolubly supported. C. D. McElroy and K. E. Newkirk. 2,555,856, June 5.
Stand for gas service regulators, Repair and test. C. D. Peterson. 2,565,086, Aug. 21.
Stand for ironing machines or the like. A. H. Gerhardt and A. P. Schultz. 2,542,244, Feb. 20.
Stand for painters, Rotatable work supporting. S. B. Miller. 2,557,231, June 19.
Stand for posing subjects for X-ray pictures. W. A. Rush. 2,552,592, May 15.
Stand for supporting hods and the like, Collapsible. P. Thomson. 2,575,645, Nov. 20.
Stand or display system. F. Augenfeld. 2,538,958, Jan. 23.
Standpipe turning device. L. I. Kennedy. 2,560,113, July 10.
Stand-up flexible screen. S. E. Waite. 2,577,667, Dec. 4.
Stand-up golf bag. D. B. Wood. 2,551,780, May 8.
Stand with reflector and lamp, Smoking. J. Baay. 2,574,164, Nov. 6.
Standard for displaying price cards and the like. C. B. Overbaugh. 2,550,857, May 1.
Standard for preparing hand bouquets. H. J. Miller. 2,553,103, May 15.
Standard frequency generator. R. G. Legros. 2,570,461, Oct. 9.
Standard frequency system. W. A. Marrison. 2,564,439, Aug. 14.
Standardizing apparatus for balancing networks. G. W. Barnes, Jr. 2,556,788, June 12.
Standardizing centrifugally separable product. D. F. Ayres. 2,542,456, Feb. 20.
Standardizing cream. P. H. Staaff. 2,567,898, Sept. 11.
Standardizing dairy product. I. J. Lundal and R. P. Robichaux. 2,536,297, Jan. 2.
Standing valve extractor. T. J. Boadway. 2,537,810, Jan. 9.
Staple cutter. R. MacHenry. 2,570,466, Oct. 9.
Staple extension for padlocks. N. W. Butcher. 2,536,352, Jan. 2.
Staple extractor. A. H. Maynard. 2,567,021, Sept. 4.
Staple feed mechanism for fastener applying implements. H. W. Marano. Re. 23,349, Mar. 27.
Staple fiber. N. S. Welton. 2,541,181, Feb. 13
Staple fiber cutter. E. K. Bauer. 2,576,170, Nov. 27.
Staple fiber from polymers and copolymers of acrylonitrile, Producing. A. Cresswell. 2,558,732, July 3.
Staple fiber preparation. C. E. Swallow. 2,563,756, Aug. 7.
Staple fiber spinneret. W. L. Webb. 2,553,692, May 22.
Staple fibers of artificial materials such as rayon, Production of. W. H. Schneider. 2,569,957, Oct. 2.
Staple for tacking apparatus, Wire. E. J. J. Henriksen. 2,564,900, Aug. 21.
Staple forming and setting machine. A. Dutelle. 2,574,380, Nov. 6.
Staple forming and setting machine. P. F. Epple and R. I. Prupis. 2,564,886, Aug. 21.
Staple holder. F. H. Downing. 2,544,492, Mar. 6.
Staple puller. M. Levendusky. 2,553,660, May 22.
Staple puller and insulator remover. R. A. E. Palmer. 2,577,911, Dec. 11.
Staple remover. J. A. Yerkes. 2,539,171, Jan. 23.
Staple stitching machine. O. M. Tubbs. 2,569,355, Sept. 25.
Stapler. H. G. Sachleben. 2,556,002, June 5.
Stapler, Desk. C. E. Nyberg. 2,551,898, May 8.
Stapling and punching machine, Basket. F. M. Harrison. 2,554,026, May 22.
Stapling apparatus. J. W. Wiegner, E. T. Gilda, J. H. Klasey, and B. E. Barnes. 2,574,202, Nov. 6.
Stapling bows to greeting cards. E. H. Marshall. 2,567,648, Sept. 11.
Stapling device. M. E. Wampler. 2,545,397, Mar. 13.
Stapling machine. G. Berger. 2,537,438, Jan. 9.
Stapling machine. A. Goldenberg. 2,574,697, Nov. 13.

Star finder. G. W. D. Waller and A. B. Moody. 2,543,815, Mar. 6.
Starch adhesive sheet material and composition therefor. L. R. Nestor. 2,559,043, July 3.
Starch carbamates. I. A. Wolff. 2,562,978, Aug. 7.
Starch composition. C. G. Landes and J. Studeny. 2,566,842, Sept. 4.
Starch composition. J. Studeny. 2,566,861–2, Sept. 4.
Starch conversion process. M. A. Staerkle and E. Meier. 2,565,404, Aug. 21.
Starch from starch milk, Producing. C. G. Eckers. 2,543,660, Feb. 27.
Starch, Gelatinized. T. F. H. Hofman and F. L. P. Krizkovsky. 2,548,263, Apr. 10.
Starch gluten separation. J. J. von Edeskuty and J. F. Zalar. 2,555,908, June 5.
Starch manufacturing process. W. B. Newkirk, E. H. Williams, C. A. Rietz, and A. B. Dunwody. 2,573,048, Oct. 30.
Starch preparation soluble in cold water and making the same. J. Lolkema and W. A. van der Meer. 2,562,558, July 31.
Starch preparations soluble in cold water, Manufacturing dry. J. Lolkema and W. A. van der Meer. 2,542,932–3, Feb. 20.
Starch, Producing. C. G. Eckers. 2,556,322, June 12.
Starch recovery. H. Ferrin. 2,543,281, Feb. 27.
Starch solutions, Manufacturing. J. Lolkema and W. A. van der Meer. 2,575,423, Nov. 20.
Starch titanium reaction product. F. K. Signaigo. 2,570,499, Oct. 9.
Start-stop repeater. R. M. M. Oberman. 2,546,369, Mar. 27.
Starter. R. M. Nardone. 2,560,812, July 17.
Starter button for motor vehicles. P. R. Nolan. 2,557,887, June 19.
Starter, Engine. W. H. Weimer. 2,568,136, Sept. 18.
Starter jaw actuating device. S. Gilbert. 2,571,231, Oct. 16.
Starter jaw actuating mechanism. R. W. Stelzel. 2,572,532, Oct. 23.
Starter means for hydraulic devices. T. W. Moran. 2,573,864, Nov. 6.
Starter mount, Quick detachable. R. E. Sears. 2,566,466, Sept. 4.
Starter system for diesel engines. G. D. Cerf. 2,552,256, May 8.
Starter type clutch. W. C. Starkey. 2,548,747, Apr. 10.
Starting a unit for high-temperature reactions. P. W. Cornell. 2,569,846, Oct. 2.
Starting and ignition system. B. H. Short. 2,550,026, Apr. 24.
Starting and operating device and circuits for electric discharge devices. P. Waguet. 2,553,489, May 15.
Starting and stopping mechanism. T. N. Carter. 2,579,791, Dec. 25.
Starting arrangement for gyro verticals. A. W. Lane. 2,567,948, Sept. 18.
Starting device for internal-combustion engines. C. J. Dry and D. C. Orcutt. 2,562,085, July 24.
Starting device for internal-combustion engines. W. H. Du Shane. 2,538,147, Jan. 16.
Starting device for internal-combustion engines. J. Palfi. 2,568,359, Sept. 18.
Starting device for outboard motors, Manually operated. R. C. Heidner. 2,566,834, Sept. 4.
Starting device for rodeo contestants. J. E. Lucas and C. H. Dossey. 2,560,116, July 10.
Starting device or system for squirrel-cage motors. B. Storsand. 2,542,296, Feb. 20.
Starting gate. O. Blake. 2,550,399, Apr. 24.
Starting means for free piston machines. F. M. Lewis. 2,557,982, June 26.
Starting relay control for single-phase motors. C. I. Hall. 2,576,681, Nov. 27.
Starting sheet for electrolytic separation of nickel. W. J. Cook and J. H. Tuck. 2,578,968, Dec. 18.
Static apparatus for relief photography. M. Bonnet. 2,573,242, Oct. 30.
Static charge removal device. J. W. Roscoe and H. Kupke. 2,569,116, Sept. 25.
Static discharge device. M. E. Miller. 2,569,249, Sept. 25.
Static discharger for aircraft. C. F. Robinson. 2,539,163, Jan. 23.
Static electricity indicator. R. C. Webster. 2,556,458, June 12.
Station indicating device, Automatic. O. E. Wagenknecht. 2,573,291, Oct. 30.
Station-indicating system for radio-gramophones comprising mechanism for allowing the turntable to move outwards. F. A. C. Lorza. 2,579,684, Dec. 25.
Station indicator. B. B. Kirby. 2,575,174, Nov. 13.
Station selecting and tuning device for radio receivers, Automatic. J. Lolli and G. Papitto. 2,545,553, Mar. 20.
Station selector, Automatic. M. L. Alexander. 2,541,017, Feb. 13.
Station wagon body, Converted. E. N. Supplee. 2,555,942, June 5.
Stationary grip attachment for spinning socket wrenches. G. J. Houston. 2,564,204, Aug. 14.
Stator for axial compressors. C. A. Davis, J. H. Bill, and F. W. W. Morley. 2,543,355, Feb. 27.
Stator for induction motors. L. E. Aske. 2,557,249, June 19.
Stator for universal electric motors. O. A. Doherty. 2,560,560, July 17.
Stator for universal electric motors. C. A. Thomas. 2,556,013, June 5.
Stator winding machine. K. Klinksiek. 2,579,585, Dec. 25.
Stator winding machine. H. P. Linders. 2,573,976, Nov. 6.
Stay and device for opening and closing windows and like members, Combined. L. B. Henderson. 2,545,279, Mar. 13.
Steam and combustion products generator with expansion means to dry the steam. W. L. Sanborn. 2,568,662, Sept. 18.
Steam applicator. R. J. Williams and A. C. Finalborgo. 2,574,900, Nov. 13.
Steam boiler. R. G. Fisher. 2,544,013, Mar. 6.
Steam circulator. J. Seligman. 2,569,735, Oct. 2.
Steam cleaner. J. C. Holmes. 2,571,575, Oct. 16.
Steam distributing system for locomotives. J. T. Snoren. 2,546,112, Mar. 20.
Steam generating apparatus. P. Arant. 2,574,368, Nov. 6.
Steam generating apparatus. P. Arant. 2,576,988, Dec. 4.
Steam generating electric iron. H. E. Bremer. 2,547,558, Apr. 3.
Steam generation and compositions for inhibiting foaming. J. W. Ryznar. 2,575,298, Nov. 13.
Steam generator. L. M. Fink. 2,537,042, Jan. 9
Steam generator. L. M. Fink. 2,579,559, Dec. 25.
Steam generator. R. M. Hardgrove. 2,550,066, Apr. 24.
Steam generator. L. P. Hatfield. 2,561,471, July 24.
Steam generator. G. P. Jackson. 2,544,884, Mar. 13.
Steam generator. J. F. Livingood. 2,536,949, Jan. 2.
Steam generator. B. N. McDonald. 2,536,072, Jan. 2.
Steam generator. H. G. Nehrbas. 2,554,631, May 29.
Steam generator and combustion gas turbine power plant, Combined. H. Pfenninger. 2,568,024, Sept. 18.
Steam generator and steam iron, Portable. M. B. Young. 2,568,104, Sept 18.
Steam generator unit. J. E. Kennedy. 2,551,137, May 1.
Steam-heated ironing board. J. W. and L. Coumerilh. 2,567,056, Sept. 4.
Steam hood for vaporizers. S. Duberstein. 2,538,934, Jan. 23.
Steam induction device for manifolds. E. S. Shultz. 2,570,394, Oct. 9.
Steam iron. M. M. Kistner. 2,561,382, July 24.
Steam plant for servicing power and delivering industrial steam. J. and W. Karrer. 2,539,255, Jan. 23.
Steam power plant using exhaust from auxiliary gas turbine for condensing steam. H. A. Bosch. 2,568,787, Sept. 25.
Steam pressing machine with vacuum-valve operating mechanism. I. Goldman. 2,555,967, June 5.
Steam separator. W. L. Kisling. 2,557,788, June 19.
Steam spotting gun. H. L. Schwartz. 2,564,818, Aug. 21.
Steam superheat control by automatic and extended-range means. H. C. Mittendorf. 2,575,885, Nov. 20.
Steam trap. J. N. Beck. 2,537,809, Jan. 9.
Steam trap. T. W. Clark and H. H. Maltbie. 2,542,969, Feb. 27.
Steam trap. J. L. Mainwaring and H. E. Campbell. 2,550,643, Apr. 24.
Steam trap. J. Thomson. 2,561,246, July 17.
Steamer and bun warmer, Combination sausage. A. C. Parine. 2,564,990, Aug. 21.
Steamer for shaping millinery, Portable. J. B. Simrell. 2,538,129, Jan. 16.
Steaming apparatus. H. March. 2,561,443, July 24.
Steel bottle container. J. R. Wallace. 2,541,972, Feb. 13.
Steel for tools operating at elevated temperatures. H. Krainer. 2,576,229, Nov. 27.
Steel, Manufacture of. J. C. Fourmanoit. 2,558,613, June 26.
Steel melting plant. E. N. Millan. 2,551,278, May 1.
Steel of high mechanical strength, little sensitive to quenching, weldable, etc., Low alloy. V. De Gaspari and A. Bartocci. 2,565,953, Aug. 28.
Steel piston ring. H. M. Olson. 2,562,655, Sept. 18.
Steel plating method. A. Arent. 2,564,661, Aug. 21.
Steel wool pad. R. P. Hood and C. W. Gebhardt. 2,572,150, Oct. 23.
Steel wool product. L. R. Hagen. 2,558,682, June 26.
Steerable landing gear. T. C. Oliver. 2,578,897, Dec. 18.
Steering and braking mechanism, Vehicle. R. C. Weidinger, Sr. 2,577,831, Dec. 11.
Steering and drive control, Wheel chair. K. Ginsterblum. 2,567,065, Sept. 4.
Steering and ignition lock. R. A. Sandberg. 2,553,790, May 22.
Steering and propelling device, Marine. W. L. Jones. 2,555,886, June 5.
Steering apparatus, Power. O. F. Quartullo. 2,553,940, May 22.
Steering apparatus, Tractor-trailer. G. E. Armington. 2,557,066, June 19.
Steering assembly, Three-wheel. O. E. Szekely. 2,559,379, July 3.
Steering column. L. Stein. 2,548,244, Apr. 10.

Steering device, Fluid pressure operated. F. C. Albright. 2,580,064, Dec. 25.
Steering device for dirigible craft, Automatic. B. B. Holmes. 2,541,765, Feb. 13.
Steering device for outboard motors. A. R. McAllister. 2,543,553, Feb. 27.
Steering device for outboard motors, Leg operated. J. M. England. 2,543,490, Feb. 27.
Steering device, Hydraulic. P. J. Noordeman. 2,572,749, Oct. 23.
Steering equipment for vessels or aircraft, Electric. K. A. Nielsen and C. Larsen. 2,540,959, Feb. 6.
Steering gear. J. R. Brodhead. 2,542,388, Feb. 20.
Steering heads of cycles. V. E. Needham. 2,551,503, May 1.
Steering mechanism for semitrailer supporting mechanisms. H. J. van Doorne. 2,572,410, Oct. 23.
Steering mechanism for wagon coaster sleds. W. C. Wade. 2,541,135, Feb. 13.
Steering mechanism, Four-wheel control. D. B. Avery. 2,572,966, Oct. 30.
Steering mechanism, Hydraulic. G. W. Hardy. 2,539,018, Jan. 23.
Steering mechanism, Hydraulic. O. F. Quartullo. 2,557,513, June 19.
Steering mechanism, Power. H. W. Price. 2,544,041, Mar. 6.
Steering mechanism, Short turn. J. O. Woodworth. 2,559,142, July 3.
Steering operated control mechanism for electric motor drives of vehicles. C. F. Ball and J. W. Woolf. 2,571,180, Oct. 16.
Steering pilot. G. H. Taber. 2,577,490, Dec. 4.
Steering system, Differential hydraulic. H. P. Kupiec. 2,567,074, Sept. 4.
Steering wheel. J. H. McFarland. 2,573,475, Oct. 30.
Steering wheel brake. V. W. Rychwalski. 2,570,988. Oct. 9.
Steering wheel spinner. P. F. White. 2,561,961 July 24.
Stems for electric lamps, Making. R. L. Breadner and C. H. Simms. 2,545,873, Mar. 20.
Stencil. F. S. Tobey. 2,547,674. Apr. 3.
Stencil and folder, Composite. R. W. Sherman. 2,576,972, Dec. 4.
Stencil apparatus for flatware decorating. H. P. Fischer. 2,558,674, June 26.
Stencil apparatus, Silk screen. J. A. Black and E. A. Stouten. 2,566,919, Sept. 4.
Stencil cutting device for photocomposing apparatus. M. E. Miller. 2,561,216, July 17.
Stencil holder. W. L. and C. E. Steen. 2,563,972, Aug. 14.
Stencil-moistening apparatus. H. P. Elliott. 2,536,541, Jan. 2.
Stencil, Photographic. C. D. Tate and B. E. Gramkee. 2,552,233, May 8.
Stencil, Printing. G. Kanitz. 2,557,352, June 19.
Stencil screen frame. C. J. Hannah and R. D. La Salle. 2,545,277, Mar. 13.
Stencil tissue, Production of. E. L. Greenwood, F. W. Hughes, and A. W. Morledge-Hadfield. 2,548,971, Apr. 17.
Stenciling apparatus. H. N. Gordon. 2,569,049, Sept. 25.
Stenciling device. S. Rosen. 2,542,059, Feb. 20.
Stencilling apparatus for charging molds. S. Silberkraus and G. Trojanowski. 2,572,771, Oct 23.
Step for motor vehicles and the like, Swingable. L. Bustin. 2,566,401, Sept. 4.
Step for trailers and other vehicles. E. L. Wiedman. 2,575,573, Nov. 20.
Stepladder. C. F. Jones. 2,573,665, Oct. 30.
Stepladder. A. O. Reed. 2,580,045, Dec. 25.
Stepladder and cabinet therefor, Combination. I. Mushta. 2,555,149, May 29.
Step ladder, Extendable. J. M. Biegen. 2,576,277, Nov. 27.
Step plate. L. E. Elfes. 2,545,139, Mar. 13.
Step printer. W. B. Hausman. 2,578,300, Dec. 11.
Stepping device. H. W. Goff. 2,554,981, May 29.
Stereoblique plotter. J. G. Lewis and J. L. Buckmaster. 2,561,386, July 24.
Stereophonic sound. G. Holst. 2,538,869, Jan. 23.
Stereophonic sound system for recordings. C. M. Sinnett and H. Belar. 2,536,664, Jan. 2.
Stereoscopic and stereosonic television system. A. N. Goldsmith. 2,566,700, Sept. 4.
Stereoscopic apparatus. C. W. Hough. 2,545,465, Mar. 20.
Stereoscopic image reception by millimetric radiation. R. H. Rines. 2,571,612, Oct. 16.
Stereoscopic object locating system. F. A. Jenks. 2,540,121, Feb. 6.
Stereoscopic photography and kinematography. L. P. C. J. Dudley. 2,568,327, Sept. 18.
Stereoscopic photography, Method and apparatus for. H. A. Backus. 2,566,110, Aug. 28.
Stereoscopic radar. R. H. Ranger. 2,538,800, Jan. 23.
Stereoscopic transparency holder. K. F. Kurz. 2,571,584, Oct. 16.
Stereoscopy. P. Juillet. 2,554,532, May 29.
Stereotype casting machine. W. Peterson. 2,566,581, Sept. 4.
Sterilization and clarification of raw waters. H. R. Hay. 2,567,285, Sept. 11.
Sterilization of ion exchange bodies. H. C. Marks. 2,571,271, Oct. 16.
Sterilization of liquids. J. A. Tolman. 2,540,223, Feb. 6.
Sterilized toilet seat. K. Beyrodt. 2,563,095, Aug. 7.
Sterilizer. R. Harvey. 2,565,656, Aug. 28.
Sterilizer. J. C. Leo. 2,566,027, Aug. 28.
Sterilizer. A. Vischer, Jr. 2,548,691, Apr. 10.
Sterilizer, Air. F. H. Haines. 2,564,898, Aug. 21.
Sterilizer, Small tool. J. V. Bess. 2,549,160, Apr. 17.
Sterilizer test device. W. Hargreaves. 2,579,738, Dec. 25.
Sterilizing apparatus. H. Freedman. 2,556,495, June 12.
Sterilizing apparatus, Portable. R. B. Jackson. 2,553,711, May 22.
Sterilizing canned foods. G. K. Viall. 2,569,645, Oct. 2.
Sterilizing device, Telephone mouthpiece. A. P. McCloskey and E. W. Hopkins. 2,546,229, Mar. 27.
Steroid alcohols from steroid aldehydes, Preparation of. R. H. Levin, A. V. McIntosh, Jr., and G. B. Spero. 2,551,444, May 1.
Steroid alcohols, Preparation of. R. H. Levin, A. V. McIntosh, Jr., and G. B. Spero. 2,540,681, Feb. 6.
Steroid hydroxythioesters. R. H. Levin, A. V. McIntosh, Jr., and G. B. Spero. 2,566,341, Sept. 4.
Steroid thioesters. R. H. Levin, A. V. McIntosh, Jr., and G. B. Spero. 2,566,342, Sept. 4.
Steroidal hydroxy ketones, Preparation of. R. B. Wagner and J. A. Moore. 2,548,922, Apr. 17.
Stethoscope head with tongue depressor. C. T. Wehby. 2,566,687, Sept. 4.
Stick-candy machine. G. H. Keller. 2,544,502, Mar. 6.
Stick controller for automatic pilots. F. H. S. Rossire. 2,553,280, May 15.
Stick dispensing and positioning apparatus. W. R. Weaver and J. M. Breese. 2,570,891, Oct. 9.
Stiff narrow fabric. W. West. 2,544,373, Mar. 6.
Stiffener for hydraulic cylinders. H. O. Day. 2,569,038, Sept. 25.
Stiffening fabric edges, Method and apparatus for. E. S. Kennedy. 2,578,889, Dec. 18.
Stiffening uppers of shoes. J. J. Brophy. 2,539,608, Jan. 30.
Still. J. J. Piros and J. A. Glover. 2,573,807, Nov. 6.
Stimulation of lactic cultures in milk. A. B. Storrs. 2,556,454, June 12.
Stippling device. C. W. Guimond. 2,538,241, Jan. 16.
Stirrer. I. J. Hawtof. 2,562,714, July 31.
Stirrer. J. P. Kinton. 2,577,896, Dec. 11.
Stirrer. R. A. McDonald. 2,545,824, Mar. 20.
Stirrer and feeder. P. F. Spremulli. 2,570,078, Oct. 2.
Stirrer and feeder, Glass. P. F. Spremulli. 2,570,079, Oct. 2.
Stirring apparatus for glass in forehearths. W. P. Spigener. 2,569,352, Sept. 25.
Stirring device for cooking pans, Automatic. L. L. Fox. 2,573,837, Nov. 6.
Stirring glass, Method and apparatus for. C. F. De Voe. 2,569,459, Oct. 2.
Stirrup for orthopedic braces. E. C. Ellery. 2,573,698, Nov. 6.
Stitch attachment for sewing machines, Reverse. R. L. Abos, L. M. Stanfield, and R. B. Myers. 2,562,009, July 24.
Stitch attachment for sewing machines, Reverse. L. J. Nilles. 2,557,992, June 26.
Stitch handling mechanism for sewing machines. M. Pedersen. 2,565,320, Aug. 21.
Stitch picker. A. E. Charles. 2,541,035, Feb. 13.
Stitch separating machine. C. W. Baker. 2,558,725, July 3.
Stitcher for forming a single thread lock stitch, Shuttle. C. L. Mollis. 2,549,839, Apr. 24.
Stitching apparatus, Wire. R. E. Zeruneith. 2,554,691, May 29.
Stitching device. C. L. Mollis. 2,558,873, July 3.
Stitching machine. C. M. MacChesney. 2,564,850, Aug. 21.
Stitching machine. F. A. Reece. 2,555,095, May 29.
Stitching machine for bookbinding and like purposes. A. J. Kitcat. 2,541,367, Feb. 13.
Stitching machine, Slip. G. F. Pinsute. 2,558,196, June 26.
Stitching machine, Spiral. W. T. Gensheimer. 2,551,261, May 1.
Stock-bar feed for machine tools. J. H. McCoy. 2,572,741, Oct. 23.
Stock cutting dowel forming tool. A. Samsky. 2,545,931, Mar. 20.
Stock feed mechanism, Extendible. D. H. Montgomery. 2,555,753, June 5.
Stock feeding apparatus. J. G. Hager. 2,563,331, Aug. 7.
Stock-feeding machine, Intermittent. J. B. McFall. 2,540,004, Jan. 30.
Stock inlet. J. E. Goodwillie. 2,550,552, Apr. 24.
Stock loading chute gate. E. T. Rachels. 2,552,734, May 15.
Stock regulator. H. G. Cram. 2,579,226, Dec. 18.

Stock water tank cover. G. A. Anderson. 2,537,324, Jan. 9.
Stocking. D. M. Carmer. 2,542,392, Feb. 20.
Stocking. F. L. Hall. 2,546,444, Mar. 27.
Stocking. R. E. Thompson. 2,563,082, Aug. 7.
Stocking aligner. E. P. Rose. 2,570,987, Oct. 9.
Stocking and making the same. N. S. Illges and J. E. Stoltz. 2,539,582, Jan. 30.
Stocking and production. T. L. Hedgecock. 2,580,022, Dec. 25.
Stocking and the like, Elastic. F. V. Goodchild. 2,574,737, Nov. 13.
Stocking attachment. R. E. Carr. 2,544,065, Mar. 6.
Stocking form. L. E. Carr. 2,555,632, June 5.
Stocking, Ornamented. S. I. Burd and J. V. Clarke. 2,569,398, Sept. 25.
Stocking run mender. J. H. Taylor and H. O. Schomer. 2,566,780, Sept. 4.
Stocking, Surgical. C. Jobst. 2,574,873, Nov. 13.
Stoker. A. Y. Dodge. 2,563,318, Aug. 7.
Stoker. G. N. Miller. 2,563,688, Aug. 7.
Stoker comprising furnace side wall fuel feed means. J. S. Bennett and A. W. Thorson. 2,550,521, Apr. 24.
Stoker control. W. A. Hare. 2,574,032, Nov. 6.
Stoker control. H. G. Manson and R. P. Hansen. 2,542,824, Feb. 20.
Stoker control system. H. G. Manson and R. P. Hansen. 2,567,437, Sept. 11.
Stoker drive, Industrial. R. C. Wright. 2,578,650, Dec. 11.
Stoker furnace. J B. Bennett. 2,567,837, Sept. 11.
Stoker, including a fuel feeder preventing fuel drag-back, Underfeed. J. S. Skelly. 2,549,252, Apr. 17.
Stoker, including cooled tuyère means, Underfeed. F. L. Kyger. 2,565,240, Aug. 21.
Stoker, including progressive overfeed grates, Underfeed. G. P. Jackson. 2,549,203, Apr. 17.
Stoker, Locomotive. J. Kane. 2,566,419, Sept. 4.
Stoker, Locomotive. E. B. Marsden. 2,548,227, Apr. 10.
Stoker, Locomotive. E. A. Turner. 2,548,134, Apr. 10.
Stoker, Mechanical. E. C. Miller. 2,538,944, Jan. 23.
Stoker overload safety clutch. J. C. Auten. 2,551,718, May 8.
Stoker, Progressive feed. J. E. Beck. 2,555,108, May 29.
Stoker retort with cooling means and water and steam feeding means. W. E. La Panta. 2,558,301, June 26.
Stoker with reciprocating agitator, Automatic. F. B. Hall. 2,539,780, Jan. 30.
Stoking apparatus ash removal means. C. E. Shaffer and A. B. Fisher, Jr. 2,546,171, Mar. 27.
Stoma receiver. M. Perry. 2,554,840, May 29.
Stone catcher. H. E. Zitkowski. 2,566,395, Sept. 4.
Stone loading and transporting drag. R. A. Hendrickson. 2,570,343, Oct. 9.
Stone picker. H. J. Huhne. 2,569,719, Oct. 2.
Stone picker. L. E. Kellner. 2,561,207, July 17.
Stone picking machine. A. L. Cintula. 2,553,240, May 15.
Stone tracer. R. S. Mackenzie. 2,577,535, Dec. 4.
Stool base structure. G. H. Bozarth. 2,572,437, Oct. 23.
Stool for attachment to a barber's chair. G. W. Booth 2,553,545, May 22.
Stool, Gardener's. J. A. Rowden. 2,541,483, Feb. 13.
Stool, Portable folding. L. H. Wirsig. 2,578,989, Dec. 18.
Stool, Revolvable. J. H. Toelstede. 2,542,218, Feb. 20.
Stool, Step. N. Sussman. 2,577,438, Dec. 4.
Stool, Stepladder. J. J. Toth. 2,563,436, Aug. 7.
Stool, Swing-away lavatory. L. R. Sabo. 2,570,865, Oct. 9.
Stool, Tourist cabinet. R. H. Nelson. 2,555,988, June 5.
Stop control for partitioned washers. B. A. Buss. 2,571,197, Oct. 16.
Stop device for motion-picture projectors, Automatic. P. S. Nielsen. 2,577,909, Dec. 11.
Stop device for roller skates. D. E. Hayner. 2,551,122, May 1.
Stop for magnetic recorders, Automatic. M. Camras. 2,572,985, Oct. 30.
Stop for power tools, Adjustable. C. H. Miller. 2,574,653, Nov. 13.
Stop for reciprocating member. W. J. Zenner. 2,574,137. Nov. 6.
Stop for regulating strokes of fluid pressure apparatus, Controllable. E. H. Fletcher. 2,545,573, Mar. 20.
Stop for separable fastener stringers, Cast on end. L. H. Morin. 2,546,649, Mar. 27.
Stop for spray gun valve spindles, Adjustable. K. H. Liedberg. 2,557,606, June 19.
Stop for winding machines, Automatic. W. C. Cain and R. P. Hester. 2,557,938, June 26.
Stop means for hydraulic cylinder and piston units, Adjustable. W. Purcell. 2,556,979, June 12.
Stop means for traveler mounted upon rotatable ring. I. M. Goree. 2,558,552, June 26.
Stop mechanism for knitting machines, Safety. R. H. Goodison. 2,543,547, Feb. 27.
Stop mechanism for yarn spinning machines. J. K. Cochran. 2,557,783, June 19.
Stop motion. A. A. Astill and G. Fama. 2,563,906, Aug. 14.
Stop motion. W. J. Scott. 2,553,335, May 15.
Stop motion for carding machines. T. L. Hand. 2,554,104, May 22.
Stop motion for circular looms. E. Vossen. 2,569,591, Oct. 2.
Stop motion for Jacquard looms. A. J. Bartson. 2,545,065, Mar. 13.
Stop motion for knitting machines. C. S. Martin, L. H. Colton, and A. E. Cooke. 2,571,913, Oct. 16.
Stop motion for narrow fabric looms. J. G. Corl. 2,557,533, June 19.
Stop motion for spring needle knitting machines. E. Vossen. 2,545,324, Mar. 13.
Stop motion for textile machines. R. H. Roughsedge and H. G. Lustig. 2,570,381, Oct. 9.
Stop motion mechanism for button sewing machines. W. T. Maxant. 2,563,854, Aug. 14.
Stop motion mechanism for narrow fabric looms. W. Pruitt. 2,565,043, Aug. 21.
Stop-motion mechanism for thread working machines. A. Heijink. 2,538,518, Jan. 16.
Stop motion resetting device. A. Crawford and M. Antonevich. 2,571,211, Oct. 16.
Stop valve. G. J. Oestreicher. 2,541,715, Feb. 13.
Stopper. C. Hoppes. 2,560,867, July 17.
Stopper, Bottle. H. W. Williams. 2,549,404, Apr. 17.
Stopper, Clamp type bottle. A. A. Rheude. 2,556,297, June 12.
Stopper, Expansible. J. L. Whitsel. 2,538,288, Jan. 16.
Stopper for bottles, Pouring. L. Livadas. 2,546,194, Mar. 27.
Stopper, Massaging bottle. C. W. Schumacher. 2,565,270, Aug. 21.
Stopper or cork, Hot-water bottle. H. E. McKeen. 2,547,337, Apr. 3.
Stopper or cover for thermos bottles and the like, Thermo-insulated. G. P. de Oliveira. 2,536,426, Jan. 2.
Stopper rod assembly. S. Cieslak. 2,556,152, June 5.
Stoppering and opening containers. A. Mathisen and H. B. Randrolph. 2,562,110, July 24.
Stoppering and the like machines having hydraulic moving and locking means. R. Détrez. 2,544,009, Mar. 6.
Stopping and controlling ships. S. Kronhaus. 2,564,115, Aug. 14.
Stopping means for calculating machines. H. Gang. 2,572,922, Oct. 30.
Stopping means for looms. J. E. Benton and D. W. Haynie. 2,549,047, Apr. 17.
Stopping mechanism. F. C. Wallace. 2,549,870, Apr. 24.
Storage and display assembly, Wheelbarrow. T. Schmidt. 2,553,334, May 15.
Storage and display cabinet. J. H. Ganzer. 2,540,940, Feb. 6.
Storage battery. J. L. Rupp. 2,571,988, Oct. 16.
Storage battery and protecting means therefor. C. H. Braselton. 2,573,829, Nov. 6.
Storage battery case and composition for molding the same. E. R. Dillehay. 2,562,532, July 31.
Storage battery cell assembling device. J. A. Orsino. 2,539,318, Jan. 23.
Storage battery charging system and method. R. L. Tichenor. 2,578,027, Dec. 11.
Storage battery construction. J. C. Duddy. 2,572,324, Oct. 23.
Storage battery hold-down and terminal contact device. H. Wills. 2,551,990, May 8.
Storage battery liquid level controller. H. A. Kennedy. 2,550,152, Apr. 24.
Storage battery separator. W. H. Lehmberg. 2,579,589, Dec. 25.
Storage battery terminal. E. L. Longaker. 2,578,191, Dec. 11.
Storage battery vent plug. T. L. Kendall, D. G. Mahoney, and L. G. Crooks. 2,558,654, June 26.
Storage compartment accessory, Automobile. T. Sarlo. 2,549,018, Apr. 17.
Storage compartment for automobiles, Extensible. R. L. Bigsby. 2,576,385, Nov. 27.
Storage crib. E. E. Lankenau. 2,557,878, June 19.
Storage crib. E. K. Pennington. 2,571,753, Oct. 16.
Storage device. J. Mercier. Re. 23,333, Jan. 23.
Storage device. H. A. Vetter. 2,541,848, Feb. 13.
Storage device for record controlled computers. H. J. Kistner. 2,580,303, Dec. 25.
Storage device, Hose. F. P. Zierden. 2,568,532, Sept. 18.
Storage drawer for refrigerating apparatus. C. F. Petkwitz. 2,573,272, Oct. 30.
Storage electrode type cathode-ray tube. G. S. P. Freeman. 2,558,647, June 26.
Storage of electrical impulses. F. H. Bray and D. S. Ridler. 2,576,098, Nov. 27.
Storage of liquid fuels. E. Berl. 2,560,152, July 10.
Storage pile material handling apparatus. J. E. Dunasky. 2,568,434, Sept. 18.
Storage rack. N. R. Wahlstrom. 2,549,349, Apr. 17.
Storage system. T. S. Skillman. 2,575,847, Nov. 20.
Storage system, Telegraph. W. M. Bacon. 2,569,443, Oct. 2.
Storage system, Telegraph. G. A. Locke. 2,569,478, Oct. 2.
Storage tank. K. M. Speig. 2,558,694, June 26.
Storage tank construction. J. T. Sparling. 2,573,995, Nov. 6.
Storage tank liquid level measuring device. H. A. Quist. 2,577,629, Dec. 4.
Storage unit. F. J. Furman. 2,573,561, Oct. 30.
Storage unit. C. D. Lake, W. Pfaff, and D. R. Piatt. 2,573,581, Oct. 30.

Storage unit, Wire contact. R. F. McKiever. 2,547,482, Apr. 3.
Store front and awning assembly device. E. P. D'Azzo. 2,547,693, Apr. 3.
Store front construction. J. J. Bosshard. 2,546,384, Mar. 27.
Storing and dispensing device, Article. C. Bockius. 2,560,928, July 17.
Storing and reproducing measured quantities. G. Keinath. 2,579,831, Dec. 25.
Storing and serving device by means of which food may be warmed and/or cooked. B. Hoppe. 2,572,151, Oct. 23.
Storing case for a multitude of lengthened objects. A. Refsdal. 2,563,368, Aug. 7.
Storing cells, High-voltage electrolytic charge. R. U. Clark. 2,558,172, June 26.
Storing perhaloacetyl peroxide and stabilized perhaloacetyl peroxide. W. T. Miller, A. L. Dittman, and S. K. Reed. 2,580,358, Dec. 25.
Storing volatile liquids. H. C. Boardman. 2,544,651, Mar. 13.
Storm and screen combination, Self-storing. R. L. Brown and R. E. Zehner. 2,559,005, July 3.
Storm and screen window unit, Combined. P. G. Luber. 2,540,270, Feb. 6.
Storm door and window hardware. F. and B. Mastrangelo. 2,569,941, Oct. 2.
Storm door frame. C. L. Webster. 2,538,138, Jan. 16.
Storm sash. W. M. Krantz. 2,541,926, Feb. 13.
Storm window. L. B. Bachelder. 2,573,681, Nov. 6.
Storm window. J. Chitra, Jr. 2,537,302, Jan. 9.
Storm window. J. Gea. 2,558,719, July 3.
Storm window. H. R. Sugar. 2,545,901, Mar. 20.
Storm window and mounting frame. W. M. Krantz. 2,565,772, Aug. 28.
Storm window hanger. P. L. Adams, W. A. Norman, and C. K. Sitterly. 2,576,662, Nov. 27.
Storm window hanger. J. J. Ebel. 2,538,148, Jan. 16.
Storm window, Metal. P. E. Metts. 2,576,260, Nov. 27.
Storm window, Metal. H. R. Sugar. 2,545,902, Mar. 20.
Storm window sash adjuster. P. L. Adams, W. A. Norman, and C. K. Sitterly. 2,561,086, July 17.
Storm window shade. L. V. Rinker and J. C. Gardner. 2,541,546, Feb. 13.
Storm window structure. R. R. Martin. 2,563,730, Aug. 7.
Stove and adjustable plates for the oven thereof. G. M. Birkic. 2,580,153, Dec. 25.
Stove and barbecue, Portable outdoor cooking. A. C. McKnight, Jr. 2,556,365, June 12.
Stove, Barbecue. T. J. Sisto. 2,573,115, Oct. 30.
Stove, Blast furnace. S. P. Kinney and L. M. Hartwick. 2,542,680, Feb. 20.
Stove, Charcoal. C. H. Manzler. 2,573,211, Oct. 30.
Stove, Coal coking and burning magazine. J. C. Miles. 2,564,713, Aug. 21.
Stove, Collapsible. J. D. Brown. 2,559,243, July 3.
Stove, Cook. E. Esson. 2,564,525, Aug. 14.
Stove, Cooking. G. Klein. 2,560,959, July 17.
Stove door window and oven temperature indicating device, Combined. H. E. Mills. 2,551,755, May 8.
Stove, Dual container wood burning. D. E. Howes and F. G. Smith. 2,543,289, Feb. 27.
Stove, Electric. J. Kotik. 2,556,281, June 12.
Stove for drying tobacco, Oil burning. A. D. Strickland. 2,547,841, Apr. 3.
Stove for steam bathrooms. T. Brodahl. 2,565,676, Aug. 28.
Stove for steam bath rooms, Steam-generating. K. B. Bergom. 2,575,860, Nov. 20.
Stove grill. F. E. McAvoy. 2,541,528, Feb. 13.
Stove having internal air-heating chamber means, Magazine. K. A. Niermeyer. 2,546,675, Mar. 27.
Stove heated by gas or electricity. R. A. F. Jackson. 2,548,218, Apr. 10.
Stove, Magazine feed. H. W. Sanford and W. P. Biddle. Re. 23,319, Jan. 2.
Stove or cabinet, Heating or drying. W. A. Stephenson. 2,536,581, Jan. 2.
Stovepipe fastener. J. H. Gresham. 2,549,192, Apr. 17.
Stove, Portable. P. N. Overman. 2,552,861, May 15.
Stove, Portable. R. A. Schultz. 2,565,000, Aug. 21.
Stove, Portable camp. E. E. Mankins. 2,552,683, May 15.
Stove, Pottery drying. R. A. Maddock. 2,556,096, June 5.
Stove, Pressure gasoline snortsman's. E. H. Stempel and S. Rasmussen. 2,538,538, Jan. 16.
Stove, Rotary fire-bowl barbecue. J. Saltzberg. 2,573,988, Nov. 6.
Stove, Sawdust burning. H. Vitek. 2,566,100, Aug. 28.
Stove top construction. H. M. Reeves. 2,556,444–5, June 12.
Stove, Vapor bath. F. O. H. Hedlund. 2,557,656, June 19.
Stove with air-heating hood, Tobacco curing. J. H. White. 2,569,084, Sept. 25.
Stove with hot cupboard, Heating. J. Esselstrom. 2,578,408, Dec. 11.
Stove with vertically adjustable liquid fuel burner and float control unit. C. P. Thomas and H. A. Andrews. 2,548,830, Apr. 10.
Straight and step ladder, Convertible. E. G. Sheridan. 2,551,173, May 1.
Straight beam adjustable jaw clamp. B. T. Gressley. 2,551,880, May 8.
Straightedge. G. N. Levesque. 2,547,647, Apr. 3.
Straightedge construction. C. P. Davey. 2,567,554, Sept. 11.
Straight-line-motion swinging saw support. M. V. Tracy. 2,569,354, Sept. 25.
Straightening apparatus. G. M. Colburn. 2,562,447, July 31.
Straightening stems of glassware. R. C. Cobel. 2,553,358, May 15.
Strain-free masses from cross-linked polymerized methylmethacrylate, Production of. J. J. P. Staudinger and H. M. Hutchinson. 2,539,376, Jan. 23.
Strain-free masses from cross-linked styrene-type polymers, Production of. J. J. P. Staudinger and H. M. Hutchinson. 2,539,377, Jan. 23.
Strain gauge. L. M. Ball. 2,556,132, June 5.
Strain gauge. W. C. Gregory. 2,569,714, Oct. 2.
Strain insulator. A. B. Bussmann. 2,540,608, Feb. 6.
Strain measurement. A. Wolf. 2,568,940, Sept. 25.
Strain relief bushing. A. P. Hultgren. 2,563,604, Aug. 7.
Strain relief bushing. L. L. Pruehs. 2,573,600, Oct. 30.
Strain relief device. R. H. Stotenbur. 2,566,912, Sept. 4.
Strainer. J. Derck. 2,576,332, Nov. 27.
Strainer. E. J. Galloway. 2,572,131, Oct. 23.
Strainer. C. A. Giauque. 2,569,413, Sept. 25.
Strainer. K. McFarlin. 2,572,173, Oct. 23.
Strainer. W. M. Smith. 2,552,744, May 15.
Strainer apparatus. T. De Grave. 2,569,748, Oct. 2.
Strainer, Blood. G. C. Puschelberg and W. B. Cooksey. 2,571,059, Oct. 9.
Strainer cleaner. O. W. May. 2,576,470, Nov. 27.
Strainer for fluids, Self-cleaning. E. H. Dickenson. 2,557,375, June 19.
Strainer for food handling apparatus. G. B. Fox and D. B. Dickhart. 2,573,836, Nov. 6.
Strainer for liquids, Self-cleaning. W. S. Smith. 2,540,300, Feb. 6.
Strainer for plastic material. A. N. Gray. 2,539,128, Jan. 23.
Strainer for straining plastic material. A. N. Gray. 2,539,129, Jan. 23.
Strainer, Insertable. W. G. Miller. 2,545,789, Mar. 20.
Strainer, Lint. L. J. Wubbe. 2,575,542, Nov. 20.
Strainer, Liquid. W. N. Hedeman and C. L. Stone. 2,567,376, Sept. 11.
Strainer, Sanitary pick-out free-bottom sink. J. W. Crall. 2,575,586, Nov. 20.
Strainer-scoop. R. McFarlan. 2,563,180, Aug. 7.
Strainer-stopper assembly for sinks or the like, Removable. A. J. Hiertz. 2,544,498, Mar. 6.
Strand brake. I. D. Houseman. 2,561,514, July 24.
Strand-collecting system and tension device therefor. J. J. Franklin. 2,556,265, June 12.
Strand guard for wheels. A. A. Huber and K. B. Freeman. 2,554,462, May 22.
Strand guide for unit type stranders. S. Pitt, G. C. Spillman, and L. G. Wade. 2,540,833, Feb. 6.
Strand guiding apparatus. G. C. Spillman and N. Zuck. 2,540,840, Feb. 6.
Strand guiding means for winding machinery. A. F. Pieper. 2,579,011, Dec. 18.
Strand treating manifold. P. L. Pendleton. 2,538,628, Jan. 16.
Strand twisting machine. I. S. Roberts. 2,559,735, July 10.
Stranding machine. R. C. Pierce. 2,567,347, Sept. 11.
Strap and anchor device, Harness return. F. G. Lake. 2,565,375, Aug. 21.
Strap and clasp for use therewith, Detachable. J. Carroll, Jr. 2,568,845, Sept. 25.
Strap assembly, Adjustable. G. H. Reinberger. 2,565,629, Aug. 28.
Strap brake. D. Roeder and R. F. Weeks. 2,536,856, Jan. 2
Strap clamping and tensioning means. G. H. Windsor. 2,576,986, Dec. 4.
Strap cutting means for Venetian blinds. J. J. Fine. 2,546,435, Mar. 27.
Strap-end retaining device. E. Prestinari. 2,572,384, Oct. 23.
Strap fastener. L. L. Rochat. 2,551,165, Apr. 1.
Strap guide for brief cases or the like. W. Saltz. 2,555,820, June 5.
Strap, Hand. E. C. Mersereau. 2,547,483, Apr. 3.
Strap lug, Picker stick. L. E. Hamilton, Sr. 2,548,260, Apr. 10.
Strap of leather or the like, Spring-urged expansible. J. Levine. 2,541,706, Feb. 13.
Strap splice, Adjustable quick release. D. Morrow and C. E. Cummiskey. 2,549,841, Apr. 24.
Strap stretching device. J. N. Wognum. 2,569,623, Oct. 2.
Strap stretching mechanism. W. C. Childress and J. M. Royal. 2,536,536, Jan. 2.
Strap tensioning and sealing device. X. Kuoni. 2,560,456, July 10.
Strap, Wrist. D. G. Paston. 2,538,265, Jan. 16.
Strapping machine. F. W. Mosey. 2,549,626, Apr. 17.
Stratograph. M. Wallace. 2,565,008, Aug. 21.
Straw breaking and spreading attachment for combines. H. Elofson. 2,554,669, May 29.
Straw cutting mechanism for straw manufacturing machines. A. A. Heyman. 2,575,417, Nov. 20.

Straw, Flexible drinking. J. B. Friedman. 2,550,797, May 1.
Straw gatherer and chopper. L. A. Bass. 2,571,652. Oct. 16.
Straw mulcher, Wheeled rotary. A. and C. Schultz. 2,573,992, Nov. 6.
Straw, Multiple inlet drinking. L. E. Mitchell. 2,570,366, Oct. 9.
Street locating device. T. R. Chambers. 2,558,538, June 26
Streptomycin elution process. R. A. Hoffman, W. A. Bittenbender, and W. C. Stoll. 2,538,099, Jan. 16.
Streptomycin preparation. I. A. Solomons. 2,565,402, Aug. 21.
Streptomycin, Production of. E. L. Dulaney. 2,571,693, Oct. 16.
Streptomycin, Production of. L. E. McDaniel and D. Hendlin. 2,538,943, Jan. 23.
Streptomycin, Production of. P. C. Trussell. 2,541,726, Feb. 13.
Streptomycin purification. H. W. Rhodehamel, Jr., and W. B. Fortune. 2,578,840, Dec. 18.
Streptomycin-resistant strains of streptomyces griseus, Production of. L. E. McDaniel and A. B. Hodges. 2 545,554, Mar. 20.
Streptomycin using soybean meal-distillers solubles medium, The production of. L. E. McDaniel. 2,538,942, Jan. 23.
Streptomycin with a new actinomyces griseus mutant, Production of. E. L. Dulaney. 2,545,572, Mar. 20.
Stress-aging process. R. H. Harrington. 2,550,474, Apr. 24.
Stress breaker. S. E. Noyes. 2,571,931, Oct. 16.
Stress-relieving articulation for prosthetic dentures. L. E. Johnson. 2,546,397, Mar. 27.
Stretchable diaphram. C. P. Krupp and F. G. Gerber. 2,578,140, Dec. 11.
Stretcher and drier, Curtain. J. J. Zeleznik. 2,549,878, Apr. 24.
Stretcher and drier, Sock and stocking. A. A. Haddad. 2,546,595, Mar. 27.
Stretcher and drier, Sweater. F. J. and L. A. Cuneo. 2,539,895, Jan. 30.
Stretcher and expander, Ring. M. W. Rothenberg. 2,558,271, June 26.
Stretcher and tree, Shoe. M. F. Lau. 2,545,090, Mar. 13.
Stretcher, Boot. E. R. Hawkins. 2,570,552, Oct. 9.
Stretcher, Clothesline. V. H. and R. R. Hill. 2,539,580, Jan. 30.
Stretcher, Curtain. M. Hetu. 2,551,326, May 1.
Stretcher, Curtain. K. J. Unwin. 2,547,895, Apr. 10.
Stretcher, Curtain. K. J. Unwin. 2,565,936, Aug. 28.
Stretcher, Curtain. A. M. Warrick. 2,578,868, Dec. 18.
Stretcher, Pinless curtain. R. J. Aston. 2,546,249, Mar. 27.
Stretcher, Shoe. R. F. McClenathan. 2,549,502, Apr. 17.
Stretcher, Shoe. H. Strom. 2,574,940, Nov. 13.
Stretcher, Stocking. K. R. Kennedy. 2,552,976, May 15.
Stretcher, Wire. A. C. Edwards. 2,552,003, May 8.
Stretching and pressing device, Garment. H. D. Forse. 2,542,918, Feb. 20.
Stretching continuous materials such as sheeting and the like. R. P. Blake. 2,547,736, Apr. 3.
Stretching continuous materials such as sheeting and the like. E. H. Land and W. H. Ryan. 2,547,763, Apr. 3.
Stretching plastic sheets, Process and apparatus for continuously. J. E. Trainer. 2,560,038, July 10.
String anchoring fitment for tennis rackets. C. L. Godfrey. 2,542,661, Feb. 20.
String connection for tampons, Withdrawal. F. P. Parish. 2,553,000, May 15.
Stringer, Fish. D. C. Vieriu. 2,552,877, May 15.
Stringer, Snap bean. F. C. Wiemers. 2,547,352, Apr. 3.
Stringing mechanism, Bag. B. C. Golden. 2,565,495, Aug. 28.
Strip chart guide. A. H. Jordan. 2,556,812, June 12.
Strip cutter. R. E. Bell. 2,547,249, Apr. 3.
Strip cutter and marker. C. E. Ward. 2,571,976, Oct. 16.
Strip feeding and braking device, Dual. F. J. Furman. 2,536,926, Jan. 2.
Strip feeding machine having control for slack length in strips. W. Pechy. 2,547,039, Apr. 3.
Strip film advance means. M. D. Tyler and R. H. Larson. 2,571,795, Oct. 16.
Strip flexible closure, Removable. J. J. Skelly. 2,557,617, June 19.
Strip for fluorescent lamps. M. H. Kruger. 2,559,639, July 10.
Strip for pulp and other types of screen plates, Sealing. H. W. Downs, Jr. 2,569,708, Oct. 2.
Strip-forming and feeding apparatus. P. S. Smith. 2,547,544, Apr. 3.
Strip forming mold. A. H. Narrow. 2,579,691, Dec. 25.
Strip material. G. E. Henning. 2,571,715, Oct. 16.
Strip metal heat-treating. F. O. Hess. 2,573,019, Oct. 30.
Strip tensioning apparatus. M. D. Stone and J. I. Greenberger. 2,569,264, Sept. 25.
Strip tensioning device. R. F. Miehle, Jr. 2,573,267, Oct. 30.
Strip terminal connector. G. R. Paine, A. H. Frederick, and C. K. Gaertner. 2,566,425, Sept. 4.
Strip threading apparatus. F. T. Cope and K. U. Wirtz. 2,549,666, Apr. 17.
Stripper and cleaner for meat tenderizing machines. A. L. Jackson. 2,545,407, Mar. 13.
Stripper machine, Box or carton. E. L. Hedstrom, M. C. Otto, and C. E. Gooderham. 2,548,370, Apr. 10.
Stripper mechanism for encapsulating machines. R. E. Moule. 2 561,942, July 24.
Stripper plate with lock nut. V. T. Lockard. 2,541,772, Feb. 13.
Stripping agent for polysulfide elastomer coatings. M. F. George, Jr., and E. V. Kleber. 2,548,718, Apr. 10.
Stripping cathode. W. Symmes. 2,566,467, Sept. 4.
Stripping color from dyed wool. E. R. Kaswell. 2,549,099, Apr. 17.
Stripping composition for metal coating. F. C. Haas, J. D. Hetchler, and S. A. Paradee. 2,565,918, Aug. 28.
Stripping cut and creased sheets. H. J. Luehrs. 2,577,424, Dec. 4.
Stripping device for conveyers. J. F. Naylor. 2,576,633, Nov. 27.
Stripping machine. E. L. Taylor. 2,572,537, Oct. 23.
Stripping mechanism for block molding machines. T. K. Zevely. 2,566,787, Sept. 4.
Stripping of oil from spent cracking catalyst. M. J. Wilcox. 2,541,801, Feb. 13.
Striping film, Method and apparatus for. E. E. Griffith, Jr. 2,569,755 Oct. 2.
Stroke control means for hydraulic pumps and motors. R. F. Horton. 2,566,418, Sept. 4.
Stroller and shopping carrier, Combination. R. S. Binder. 2,545,336, Mar. 13.
Strongly lathering and purifying agents, shampoos, and the like, Preparation of. P. B. H. M. Dobbelmann and J. van Loon. 2,571,689, Oct. 16.
Stropper and sharpener, Paring knife and razor blade. R. Fulmer. 2,539,574, Jan. 30.
Structural clamp. E. L. Hollywood. 2,561,864, July 24.
Structural covering material. M. Croce. 2,554,089, May 22.
Structural element. H. C. Fischer and A. H. W. Higgins. 2,549,442, Apr. 17.
Structural frame unit for mounting decorative strips. A. Marchand. 2,579,943, Dec. 25.
Structural insulation, Manufacturing. O. Ayers. 2,554,934, May 29.
Structural panel. M. Clements. 2,557,412, June 19.
Structural member. M. C. Fletcher. 2,542,129, Feb. 20.
Structural member. W. R. Millier. 2,566,622, Sept. 4.
Structural steel. J. W. Halley. 2,564,004, Aug. 14.
Structural support for roofs and floors. E. C. Shuman. 2,574,667, Nov. 13.
Structural unit and manufacture. R. E. Parry. 2,549,516, Apr. 17.
Structure for electrical apparatus. J. P. Eckert, Jr., J. C. Sims, Jr., and I. L. Auerbach. 2,579,141, Dec. 18.
Structure for incandescent lamps, Filament support. L. G. Leighton. 2,565,138, Aug. 21.
Structure for removably supporting slats in a Venetian blind. G. L. Sherwood. 2,536,472, Jan. 2.
Structure for vehicles, Load-carrying. F. Fahland. 2,567,328, Sept. 11.
Structure for web transfers. J. E. Goodwillie. 2,537,129, Jan. 9.
Structure for weighing apparatus, Dial. J. Bird. 2,559,493, July 3.
Structure having pivoted boxlike portions, Portable. W. A. C. Saunders-Knox-Gore. 2,552,691, May 15.
Structure made of hollow shaped components and especially to aircraft wings. R. Saulnier. 2,543,709, Feb. 27.
Strut means for adjustable angle vises. A. Welz. 2,550,629, Apr. 24.
Stud bearing. J. J. Visone. 2,546,801, Mar. 27.
Stud chuck, Bent. R. W. Murdock. 2,567,024, Sept. 4.
Stud fastening. H. A. Thomson. 2,547,421, Apr. 3.
Stud for mounting wheels or the like. C. L. Eksergian. 2,548,840, Apr. 10.
Stud welder with integral transformer, Automatic. R. P. C. Rasmusen. 2,542,093, Feb. 20.
Studio with variable reverberation time, Acoustic. G. K. Graham. 2,542,663, Feb. 20.
Studying earth formations employing carbon disulfide as a tracer. G. C. Bernard and M. Savoy. 2,578,500, Dec. 11.
Stuffing box. W. H. McKissick. 2,564,912, Aug. 21.
Stuffing box for boats. A. G. Loofbourrow. 2,562,624, July 31.
Stuffing casings, Process and apparatus for. F. H. Reichel and C. L. Harder. 2,575,467, Nov. 20.
Stylus construction. F. Franz. 2,544,495, Mar. 6.
Stylus for magnetic recording and reproducing apparatus. H. T. Faus. 2,562,707, July 31.
Stylus structure for electrical recorders. D. O. Nelson. 2,557,196, June 19.
Stylus structure for electrical recorders. H. A. Stamper. 2,568,306, Sept. 18.
Stylus, Vibrating tracer. L. E. Marchant. 2,539,027, Jan. 23.
Styptic attachment for razors. S. S. Cesar. 2,559,344, July 3.
Styrenated alkyd-melamine sulfonamide ether resins. J. Fanti. 2,580,289, Dec. 25.
Styrene-butadiene copolymer and preparing same. W. E. Elwell and R. L. Meier. 2,563,997, Aug. 14.

Styrene copolymer compositions. M. J. Roedel. 2,572,951, Oct. 30.
Styrene copolymers. R. R. Morner and D. T. Mowry. 2,559,166, July 3.
Styrene-diolefin low temperature copolymers and preparation and uses thereof. W. J. Sparks and D. W. Young. 2,549,539, Apr. 17.
Styrene, fatty oil polyallyl ether copolymers. J. R. Roach. 2,562,537, July 31.
Styrene-2-propenyl alcohol-di-2-propenyl itaconate interpolymer. P. O. Tawney. 2,556,990, June 12.
Sub for drilling operations, Combination. G. E. Kemnitz. 2,542,679, Feb. 20.
Subcutaneous medication. J. W. Lee, H. E. Martin, and W. M. Alexander. 2,546,759, Mar. 27.
Subdividing solid particles. K. K. Kearby. 2,568,400, Sept. 18.
Subgrade and shouldering machine. H. T. Smith. 2,572,776, Oct. 23.
Subirrigator and soil fertilizer. F. H. Lawrenz. 2,549,213, Apr. 17.
Subjecting effervescent materials to an electric field. R. A. Bierwirth. 2,551,360, May 1.
Submarine compressional wave receptive apparatus. H. M. Trent. 2,576,155, Nov. 27.
Submarine detector, Ship's magnetic. J. C. Mouzon, E. S. Lamar, and J. Bardeen. 2,549,845, Apr. 24.
Submarine marker with sonic signal generators. V. Voorhees. 2,545,179, Mar. 13.
Submerged oil storage tank. A. C. Smith. 2,536,320, Jan. 2.
Submergible drilling barge and operation. J. T. Hayward. 2,551,375, May 1.
Submersible drag. J. P. De Groot. 2,551,998, May 8.
Submersible electric motor. O. E. Andrus. 2,573,126, Oct. 30.
Submersible marine stabilizer for boats. E. R. Seward. 2,561,539, July 24.
Submersible type insulated connector. J. Rogoff. 2,576,537, Nov. 27.
Submersible vent cap. T. L. Kendall. 2,571,893, Oct. 16.
Subscription image transmission system and apparatus. E. M. Roschke. 2,547,598, Apr. 3.
Subsoil treating machine. C. R. S. Sears and R. W. Sears, II. 2,565,439, Aug. 21.
Substituted amino analogs of pantothenic acid and process. K. Folkers and F. W. Holly. 2,571,852, Oct. 16.
Substituted amino-nitroheterocycles and preparing the same. R. P. Parker and J. S. Webb. 2,574,155, Nov. 6.
Substituted bis-aminophenyl ethylene glycols, Preparation of. M. J. Allen. 2,563,806, Aug. 14.
Substituted glycinamides. W. F. Bruce and J. Seifter. 2,568,141, Sept. 18.
Substituted melanine, Preparation of. D. W. Kaiser. 2,567,847, Sept. 11.
Substituted triazines. T. L. Gresham and T. R. Steadman. 2,568,620, Sept. 18.
Subsurface flowmeter. F. Morgan, D. W. Reed, and M. Muskat. 2,580,182, Dec. 25.
Subtilin-pectin derivatives. H. S. Owens and W. D. Maclay. 2,555,364, June 5.
Succinimido-esters, Production of. S. P. Rowland. 2,547,494, Apr. 3.
Succinonitrile, Preparation of. C. E. Brockway. 2,547,686, Apr. 3.
Sucker rod fishing tool. T. M. Hunt. 2,567,337, Sept. 11.
Sucker rod fishing tool. T. M. Hunt. 2,573,444, Oct. 30.
Sucrose polyhydrate glazing of fruit. F. E. Young and F. T. Jones. 2,542,068, Feb. 20.
Suction box for traveling screen filters. I. C. Jennings. 2,536,446, Jan. 2.
Suction cleaner. L. K. Acheson. 2,566,153, Aug. 28.
Suction cleaner. F. H. Burmeister. 2,537,205, Jan. 9.
Suction cleaner. D. C. Gerber. 2,555,231, May 29.
Suction cleaner. D. C. Gerber. 2,558,429, June 26.
Suction cleaner. G. E. Lofgren. 2,567,221, Sept. 11.
Suction cleaner. L. E. Segesman. 2,555,252, May 29.
Suction cleaner. L. E. Segesman. 2,560,827, July 17.
Suction cleaner. L. E. Segesman. 2,576,726, Nov. 27.
Suction cleaner. E. L. Snyder. 2,555,253, May 29.
Suction cleaner bag. H. B. White. 2,566,275, Aug. 28.
Suction cleaner control. O. W. Timm. 2,543,343, Feb. 27.
Suction cleaner device. F. E. Grue. 2,555,742, June 5.
Suction cleaner filter. D. C. Gerber. 2,576,717, Nov. 27.
Suction cleaner having stepped front wheels to provide nozzle adjustment. C. H. Taylor. 2,540,917, Feb. 6.
Suction cleaner with pneumatic filter cleaning means. W. C. Bell and R. H. H. Press. 2,570,307, Oct. 9.
Suction cleaner with switch circuit. O. W. Timm. 2,543,342, Feb. 27.
Suction cleaning device with a surface-agitating bar. J. F. Huber. 2,570,679, Oct. 9.
Suction dredge relief valve system. D. L. Hofer. 2,572,263, Oct. 23.
Suction gathering glass mold. G. R. Bowe, Jr. 2,539,114, Jan. 23.
Suction hose, Collapsible. G. N. Sexton. 2,572,062, Oct. 23.
Suction picker for container caps. D. A. Mackin and C. W. Goodwin. 2,563,654, Aug. 7.
Suction ring for socket wrenches. A. G. Wahl. 2,551,553, May 1.
Suction roll seal assembly. L. Hornbostel. 2,578,551, Dec. 11.
Suds-forming and moisture-supplying means for spindle moistening apparatus. J. D. Rust. 2,567,301, Sept. 11.
Sugar beet gatherer. J. Schieman. 2,557,475, June 19.
Sugar beet leaf defoliator. H. V. Lea. 2,579,837, Dec. 25.
Sugar crystallizer apparatus. H. H. Feldstein and H. R. Kilby. 2,540,250, Feb. 6.
Sugar dispenser. A. W. Altorfer, Jr. 2,553,509. May 15.
Sugar juice carbonation. J. C. Seailles. 2,557,800, June 19.
Sugar purification, Mixed bed. P. Smit. 2,564,820, Aug. 21.
Sugar separation. G. C. Docal. 2,567,060, Sept. 4.
Sugar sirup preparation. G. F. Mills and J. L. Porter. 2,568,925, Sept. 25.
Suitcase, Collapsible. J. H. Vineberg. 2,555,718, June 5.
Suitcase convertible to wardrobe. F. B. Judson. 2,565,969, Aug. 28.
Suitcase having individually accessible sections of different height and depth. S. G. Kramer. 2,552,438, May 8.
Suitcase having inflatable form-container. J. R. Burton, Jr. 2,580,281, Dec. 25.
Suit, Diving. J. Browne. 2,569,451, Oct. 2.
Suit, Self-adjusting bathing. B. J. Christensen. 2,550,327, Apr. 24.
Sulfamic-substituted di-tertiary-alkyl peroxides. F. F. Rust, A. R. Stiles, and W. E. Vaughan. 2,542,578, Feb. 20.
Sulfanilamidopyrimidine-formaldehyde condensation products. J. Druey. 2,538,557–8, Jan. 16.
Sulfanilylthiourea, Preparation of. P. Charpentier. 2,545,764, Mar. 20.
Sulfanilylthioureas, Producing. B. E. Baker, L. Brickman, and L. E. Ryan. 2,547,147, Apr. 3.
Sulfaquinoxaline tablet, Water-soluble. W. C. Gakenheimer. 2,538,092, Jan. 16.
Sulfating alkylolamides. R. A. Henry. 2,551,125, May 1.
Sulfating olefins. L. C. Rubin. 2,573,730, Nov. 6.
Sulfenyl thiocyanates, Organic. C. M. Himel and L. O. Edmonds. 2,572,567, Oct. 23.
Sulfite esters, Producing. A. Pechukas. 2,553,721, May 22.
Sulfite esters, Production of. A. Pechukas. 2,576,138, Nov. 27.
Sulfoacetic acid anhydrides and their preparation. C. W. Smith. 2,566,810, Sept. 4.
Sulfochlorohydrocarbons and making them. B. W. Gamson and R. H. Elkins. 2,539,188, Jan. 23.
Sulfoethyl ethers of polysaccharides, Preparation of. V. R. Grassie. 2,580,352, Dec. 25.
Sulfonamide azo coupling components used in diazo types. S. C. Slifkin and T. J. Trojnar. 2,537,098, Jan. 9.
Sulfonamide derivatives. J. M. Sprague. 2,540,356, Feb. 6.
Sulfonamide resins. R. B. Thompson. 2,545,716, Mar. 20.
Sulfonamide substituted p-phenylenediamines containing o-alkoxy groups as silver halide photographic developers. A. Weissberger, D. B. Glass, and P. W. Vittum. 2,548,574, Apr. 10.
Sulfonamides preparation. R. A. Delor and H. G. Petering. 2,558,702, June 26.
Sulfonamides, Preparing. R. Oppenauer. 2,560,240, July 10.
Sulfonamidodiphenylamines, Preparation of. W. R. Edwards. 2,550,789, May 1.
Sulfonate grease. J. J. Kolfenbach and R. O'Halloran. 2,540,533, Feb. 6.
Sulfonate grease. R. O'Halloran. 2,553,422, May 15.
Sulfonate lubricating grease. R. O'Halloran. 2,562,814, July 31.
Sulfonated anthrapyrimidines and preparing the same. J. Wardleworth. 2,557,328, June 19.
Sulfonated 3,7-diaminodibenzothiophene dioxides. M. Scalera and D. R. Eberhart. 2,563,493, Aug. 7.
Sulfonation of alkyl aromatic hydrocarbons. H. S. Bloch and H. E. Mammen. 2,573,675, Nov. 6.
Sulfonation of organic compounds. J. K. Fincke. 2,572,605, Oct. 23.
Sulfones, Unsaturated. E. F. Landau and E. P. Irany. 2,554,576, May 29.
Sulfonic acid compounds, Preparation of. L. W. Beck, A. R. Gilbert, and J. K. Wolfe. 2,559,585, July 10.
Sulfonic acid surface active agent and preparation. G. W. Hedrick. 2,548,017–21, Apr. 10.
Sulfonic acids and sulfonates, Producing. H. W. Anderson, O. A. Samson, and A. W. Clark. 2,578,657, Dec. 18.
Sulfonyl fluorides of amino azo dyestuffs. R. P. Parker and C. M. Hofmann. 2,576,037, Nov. 20.
Sulfonyl halide manufacture. C. E. Adams and W. A. Proell. 2,573,674, Nov. 6.
Sulfur colors of the dioxazine series. O. Stallmann and G. B. Robbins. 2,564,380, Aug. 14.
Sulfur colors of the dioxazine series and preparing the same. G. B. Robbins. 2,564,381, Aug. 14.
Sulfur composition. O. H. Hammer. 2,579,429, Dec. 18.
Sulfur-containing compounds of neptunium and their preparation. S. Fried and N. R. Davidson. 2,545,612, Mar. 20.
Sulfur dioxide, Manufacture of. A. Hecker. 2,539,579, Jan. 30.
Sulfur dioxide process and apparatus using recycled gases. R. T. Collier. 2,564,833, Aug. 21.

Sulfur dye, Production of a. J. T. Linster. 2,544,888, Mar. 13.
Sulfur dyestuffs and making same. E. Jenny. 2,573,448, Oct. 30.
Sulfur from hydrogen sulfide, Manufacture of. R. V. Townend and D. H. Kelly. 2,563,437, Aug. 7.
Sulfur-halogen compound. H. W. Rudel. 2,560,371, July 10.
Sulfur hexafluoride, Production of. J. F. Gall. 2,555,739, June 5.
Sulfur-hydrocarbon vapors, Method and apparatus for preparing mixed. M. M. Marisic and C. A. Porter. 2,556,430, June 12.
Sulfur, Manufacture of. G. H. Grove. 2,569,375, Sept. 25.
Sulfur removal. H. J. Hepp. 2,558,137, June 26.
Sulfur vaporization. C. A. Porter and M. M. Marisic. Re. 23,318, Jan. 2.
Sulfuric acid esters of cellulose, Preparing. C. J. Malm and C. L. Crane. 2,539,451, Jan. 30.
Sulfuric acid regeneration. E. A. Epps, Jr. 2,559,496, July 3.
Sulfurization of lard oil. E. H. Sperry. 2,577,636, Dec. 4.
Sulfurized derivatives of alkyl diphenyl oxide sulfonic acids and salts thereof. C. F. Prutton. 2,555,370, June 5.
Sulfurized paraffins, Preparation of. R. H. Gardner. 2,565,493, Aug. 28.
Sulfurized product and preparation thereof. D. Harman and W. E. Vaughan. 2,536,684, Jan. 2.
Sulfurizing terpene hydrocarbons. A. Manteuffel and W. D. Gilson. 2,571,737, Oct. 16.
Sulfurizing terpenes. J. J. Alexander. 2,537,297, Jan. 9.
Sulfuryl chlorofluoride, Preparation of. H. G. McCann and H. Q. Trout. 2,562,432, July 31.
Summing apparatus, Predetermined quantity. R. B. Colt. 2,542,995, Feb. 27.
Sump drain. A. A. Bamberger. 2,560,915, July 17.
Sump for storage tank bottoms, Removable free. J. E. Hobson. 2,556,497, June 12.
Sunglass frames. T. P. Tanis. 2,574,896, Nov. 13.
Sunglasses, Clip-on. W. A. Mendelsohn. 2,574,749, Nov. 13.
Sunshade. J. A. Ghegan. 2,560,762, July 17.
Sunshade, Automobile window. J. F. Grabill. 2,546,438, Mar. 27.
Sunshade, Portable. A. Tatoul. 2,550,311, Apr. 24.
Sun visor for cabriolets. C. S. Aspenwall. 2,559,841, July 10.
Supercharger. W. Bollay. 2,555,312, June 5.
Supercharger for internal-combustion engines. B. Scott. 2,565,002, Aug. 21.
Superheater boiler. W. H. Rowand. 2,563,489, Aug. 7.
Super-heater for furnaces and the like. R. S. Strahan. 2,567,452, Sept. 11.
Superheterodyne receiver. C. J. van Loon, W. Beukema, J. J. Schurink, and T. J. Weyers. 2,536,331, Jan. 2.
Superheterodyne receiver with compensation for mistuning caused by automatic volume control. W. R. Koch. 2,540,532, Feb. 6.
Superheterodyne receiving circuit arrangement. C. J. van Loon. 2,570,016, Oct. 2.
Superregenerative frequency-modulation receiver. B. D. Loughlin. 2,577,782, Dec. 11.
Superregenerative radio apparatus. L. A. Mayberry. 2,561,128, July 17.
Superregenerative receiver. W. E. Bradley. 2,572,907, Oct. 30.
Superregenerative receiver. G. Guanella. 2,537,132, Jan. 9.
Superregenerative receiver. W. R. Koch. 2,580,028, Dec. 25.
Superregenerative wave-signal translating system. D. Richman. 2,579,338, Dec. 18.
Superregenerator. J. C. Tellier. 2,553,219, May 15.
Supersensitized silver halide emulsions containing a meso-alkoxyl substituted carbocyanine and a 2,2′ cyanine. M. A. Schouwenaars, L. A. Van de Straete, and O. H. Van den Broele. 2,570,494, Oct. 9.
Supersonic agitation. B. Carlin. 2,578,505, Dec. 11.
Supersonic apparatus. H. C. Hayes. 2,559,618, July 10.
Supersonic communication system. C. Tiffany. 2,542,594, Feb. 20.
Supersonic inspection. B. Carlin. 2,550,528, Apr. 24.
Supersonic inspection for flaws lying near the surface of a part. J. R. Frederick and F. A. Firestone. 2,565,725, Aug. 28.
Supersonic testing. B. Carlin. 2,549,891, Apr. 24.
Supersonic whistle for code communication. R. C. Willman. 2,571,640, Oct. 16.
Superstretching polyester structures. A. Pace, Jr. 2,578,899, Dec. 18.
Supervisory circuit. W. W. Steiner. 2,554,800, May 29.
Supervisory device for communication apparatus. M. G. Favre. 2,558,129, June 26.
Supplemental lifting fingers for combines. N. Frye. 2,551,258, May 1.
Supply device for engines. H. Rabezzana. 2,536,888, Jan. 2.
Supply of fuel to the carburetors of automobiles. L. J. Ryan. 2,542,362, Feb. 20.
Supply system for liquid substances. R. T. Chatterton. 2,545,445, Mar. 20.
Supplying a liquid to a fluid pressure medium under flow, Method and apparatus for. P. Ketelsen. 2,565,691, Aug. 28.
Supplying cooling air to turbine disk of gas-turbine engines. C. A. Judson, J. R. Read, and P. E. Hunter. 2,557,747, June 19.
Supplying liquids to an annular rotating combustion chamber. R. H. Goddard. 2,555,081, May 29.
Supplying plasticizable carbonaceous solids into a gasification zone. B. E. Roetheli. 2,577,632, Dec. 4.
Supplying yarn. E. J. Abbott. 2,574,455, Nov. 13.
Support: *See*—
Adjustable blind and curtain support.
Adjustable eaves trough support.
Adjustable locking support.
Adjustable meter support.
Adjustable seat support.
Adjustable support.
Agitator shaft support.
Alignment device support.
Arch support.
Article suspending support.
Automobile attachable coat hanger support.
Automobile clothes hanger support.
Automobile mounted clothes hanger support.
Baby carriage support.
Baby seat support.
Baby support.
Back support.
Box lid support.
Box load support.
Brake beam support.
Cathode-ray tube support.
Chart support.
Chin and cheek support.
Christmas tree lighting bulb socket support.
Coaxial line stub support.
Connecting rod bearing support.
Conveyer belt support.
Cushioned escapement support.
Drapery support.
Drill pipe support.
Drill support.
Drink mixer support.
Electric bus support.
Electric iron cord support.
Electric switch box support.
Expansible package support.
Fender flap support.
Fireplace screen support.
Fish net support.
Fishing pole support.
Fishing rod support.
Fixture support.
Flange clamp support.
Foldable golf bag support.
Foot support.
Galvanometer support.
Garment hanger collar support.
Garment hanger support.
Garment support.
Glass drawing machine bearing support.
Goggle support.
Golf club bag support.
Ground engaging support.
Gun support.
Head rest support.
Hearing aid support.
Hod support.
Hose support.
Illuminated picture support.
Indicator support.
Infant bathtub support.
Instrument support.
Insulator support.
Internal grinding fixture support.
Iron cord support.
Key support.
Knee and foot support.
Ladder support.
Lamp and license plate support.
Lamp support.
Machinery support.
Mandrel bar support.
Mechanic's support.
Metering rod support.
Milker support.
Mine car wheel bearing support.
Mirror support.
Mortuary support.
Motorcycle seat support.
Movable mounted food support.
Multipurpose camera support.
Nozzle support.
Oscillating sheave support.
Outlet box support.
Paper roll support.
Pipe or tubing support.
Pitchometer support.
Plant support.
Playground swing support.
Portable folding swing support.
Portable receptacle support.
Projection screen support.
Rail support.
Rearview mirror support.
Reel support.
Refrigerating apparatus support.
Releasable heater support.
Remedial foot support.
Resilient car coupler support.
Resilient spring wire support.
Ring form support.
Rotatable burner support.
Sanitary napkin support.
Sanitary pad support.
Shelf support.
Shiftable ladder support.
Shirt collar support.
Shoe support.
Shower bath curtain support.
Shower curtain support.
Slidable lamp support.
Smoking article support.
Spectacle neck support.
Spring support.
Straight - line - motion swinging saw support.
Swinging support.
Swivel ball antenna support.
Telephone finger wheel support.
Telephone handset support.
Telephone support.
Tire carrier support.
Toy support.
Trailer support.
Transparent panel support.
Trouser support.
Tube support.
Twister frame spindle support.
Valance assembly support.
Vehicle axle support.
Vehicle body and running gear support.
Vehicle rearview mirror support.
Violin support.
Wheel cylinder support.
Yarn package support.
Yarn support.
Yieldable support.
Support. N. E. Lee. 2,540,130, Feb. 6.
Support. D. A. Rhodes. 2,565,782, Aug. 28.
Support. J. A. S. Roy and D. E. Schwartz. 2,538,043, Jan. 16.
Support. M. J. Vavra and W. J. Barnett. 2,543,997, Mar. 6.
Support. V. I. Zelov. 2,576,873, Nov. 27.

Support and closure flap for laundry bags, Combination. R. J. Pritchard. 2,543,299, Feb. 27.
Support and drawer, Combination. H. C. Binder and E. E. Coleman. 2,553,353, May 15.
Support and hanger for eaves trough and gutters. J. B. Shea and H. L. Mizer. 2,536,704, Jan. 2.
Support and induction pickup for telephone amplifying system, Handset. J. D. Chirite. 2,543,761, Mar. 6.
Support and lock, Hood. E. D. Scott. 2,549,133, Apr. 17.
Support and making same, Collar. C. A. Calder. 2,560,684, July 17.
Support and opener, Bobby pin. J. B. Armstrong and A. M. Sheldon. 2,551,991, May 8.
Support and protector, Collar. J. W. Steele. 2,568,871, Sept. 25.
Support and spacing device for hive body or super frames. O. A. Colley. 2,580,282, Dec. 25.
Support and tightener, Clothesline. W. W. Miller. 2,559,130, July 3.
Support and utility bag, Combined inflated. C. D. Carr. 2,542,477, Feb. 20.
Support apparatus for phonographs, Pickup. C. Metcalfe and A. J. Rae. 2,552,199, May 8.
Support assembly for seat beds. J. A. Freemon, H. Weatherford, Jr., and R. F. Wilson. 2,576,677, Nov. 27.
Support bar. A. C. Koett and J. W. Ulmer. 2,542,964, Feb. 20.
Support clamping means for radio antennas. S. Ludwig and R. R. Cull. 2,563,540, Aug. 7.
Support for a seal for a floating roof. F. D. Moyer. 2,576,136, Nov. 27.
Support for a seal for floating roofs. F. L. Goldsby and C. M. Orr. 2,537,987, Jan. 16.
Support for artificial teeth. L. Pentel. 2,563,416, Aug. 7.
Support for artistic flower arrangements, Stem. G. P. Regan. 2,545,383, Mar. 13.
Support for automobiles, Garment. W. S. Robinson. 2,543,202, Feb. 27.
Support for automotive vehicles, Garment. T. F. Foster, Jr. 2,565,958, Aug. 28.
Support for babies, Bath. K. A. Holland, Sr. 2,560,575, July 17.
Support for beds, Body. H. T. Maher. 2,563,124, Aug. 7.
Support for bicycle seats, Spring. A. E. Murray. 2,570,970, Oct. 9.
Support for bubble light device. L. H. Silver and E. M. Cohen. 2,569,078, Sept. 25.
Support for bus bars in a duct system of distribution. E. T. Carlson. 2,576,774, Nov. 27.
Support for ceramic ware during firing. J. W. A. Lovatt. 2,567,609, Sept. 11.
Support for ceramic ware during firing. W. M. and J. W. A. Lovatt. 2,537,145, Jan. 9.
Support for chairs, Adjustable seat. P. Mondy. 2,543,924, Mar. 6.
Support for chairs or the like, Resilient cushioning. M. Heller. 2,574,871, Nov. 13.
Support for clotheslines. J. B. Niles. 2,576,805, Nov. 27.
Support for combined slidable containers and closures. C. H. Tompkins. 2,556,456, June 12.
Support for conduit members. J. Boucher. 2,579,447, Dec. 18.
Support for containers. H. C. Boardman. Re. 23,335, Jan. 30.
Support for containers, Automatic depletion indicating. A. K. Neilson. 2,580,041, Dec. 25.
Support for crates, Partition. S. J. Blackwell. 2,539,721, Jan. 30.
Support for crib bed springs, Adjustable. A. Mars and A. Gorretta. 2,562,053, July 24.
Support for dial operating devices. J. E. Anderson. 2,554,551, May 29.
Support for electrical fixtures. M. B. Austin, Jr. 2,550,662, May 1.
Support for electrically heated devices. V. O. Friesen. 2,543,103, Feb. 27.
Support for electron discharge devices. G. M. Rose, Jr. 2,565,991, Aug. 28.
Support for elements of superheaters and other heat exchangers. W. H. Armacost. 2,560,063, July 10.
Support for filter element. S. W. Briggs. 2,572,981, Oct. 30.
Support for fishing rods. F. Cherubini. 2,551,996, May 8.
Support for flexible power supplying elements, Mobile. W. S. Chapin, Jr. 2,571,832, Oct. 16.
Support for gyroscopes and the like, Antifriction. G. Agins. 2,577,942, Dec. 11.
Support for hammer drills, Adjustable. J. L. Glenn. 2,571,862, Oct. 16.
Support for handbags and other articles. F. O. Church. 2,565,719, Aug. 28.
Support for heating appliances or other working tools. T. Petersen. 2,551,285, May 1.
Support for heating means, Self-centering. P. L. Vissat. 2,554,076, May 22.
Support for high resistance electrical conductors and making the same. J. W. Myers. 2,541,273, Feb. 13.
Support for hoist, jack, and wire stretcher. F. W. Coffing. 2,556,417, June 12.
Support for hoists, Differential. O. V. Teegarden. 2,543,260, Feb. 27.
Support for horn mutes. L. Chenava. 2,575,795, Nov. 20.
Support for implements, Tool bar. W. H. Silver and W. V. Lohrman. 2,567,738, Sept. 11.
Support for insulators. A. B. Bussmann. 2,557,370, June 19.
Support for invalids, Portable. B. Ames. 2,560,062, July 10.
Support for ironing boards, Fabric. F. I. Detwiler. 2,551,530, May 1.
Support for ironing boards, Foldable garment. C. L. Chandler. 2,576,067, Nov. 20.
Support for ironing tables, Collapsible. H. B. Rich and A. Green. 2,569,427, Sept. 25.
Support for ironing tables, Self-leveling. H. F. Hild. 2,546,097, Mar. 20.
Support for key hangers. J. P. Reis. 2,548,820, Apr. 10.
Support for laboratory filtering apparatus or the like. W. B. Sobers. 2,566,430, Sept. 4.
Support for luggage, Retractable wheel. F. W. Davis. 2,539,993, Jan. 30.
Support for luminous tubing. R. V. Staaf. 2,545,416, Mar. 13.
Support for mailboxes or the like. J. B. Dunagan. 2,550,338, Apr. 24.
Support for mine timbering machines, Yieldably mounted tiltable. C. F. Ball. 2,574,857, Nov. 13.
Support for mirrors, Adjustable. R. C. Trainor. 2,569,622, Oct. 2.
Support for motor vehicle doors, Power line. A. Rappl. 2,550,021, Apr. 24.
Support for nursing bottles. O. J. Miller. 2,542,694, Feb. 20.
Support for nursing bottles, Flexible. S. C. Pearson. 2,539,698, Jan. 30.
Support for ornamental cornice and Venetian blind. C. W. Jablon. 2,549,905, Apr. 24.
Support for photographic cameras. A. Moss. 2,552,205, May 8.
Support for prosthetic hands. S. S. Rocklin. 2,566,375, Sept. 4.
Support for rearview mirrors. H. L. Hardin. 2,547,777, Mar. 20.
Support for rock drills, Extensible. F. M. Slater. 2,555,515, June 5.
Support for rotary kilns. S. W. Traylor, Jr. 2,570,082, Oct. 2.
Support for rotatable threaded members, Intermediate. B. Ritter. 2,550,721, May 1.
Support for sanitary napkins. I. A. GeJac. 2,563,232, Aug. 7.
Support for seals for floating roof tanks. H. O. Wilber. 2,538,067, Jan. 16.
Support for shearing machines, Sheet stock. R. S. Archer. 2,549,560, Apr. 17.
Support for shelf or basket rail within a refrigerator. H. W. Eagles and C. B. Martin. 2,548,593, Apr. 10.
Support for sleeping car berth or the like. J. C. Lyon. 2,560,513, July 10.
Support for spectrometer reflectors, Adjustable. L. B. Borst and R. J. Fox. 2,579,225, Dec. 18.
Support for table for projectors or the like. J. Y. Taylor. 2,579,348, Dec. 18.
Support for tank heating devices. C. H. Folmsbee. 2,538,305, Jan. 16.
Support for the arm of a radial boring machine, Outboard. A. Weiss. 2,545,181, Mar. 13.
Support for the drawing-roll mechanisms in spinning machines. W. Hoffmann. 2,557,658, June 19.
Support for the tumbling drum of a clothes-washing machine, Roller type. J. H. Leef. 2,541,166, Feb. 13.
Support for typewriter paper, Universal. A. Z. Bailey. 2,546,143, Mar. 27.
Support for use with ironing boards, Auxiliary. W. H. Till. 2,548,751, Apr. 10.
Support for vehicle visors. W. A. Mueller and W. Peckat. 2,541,271, Feb. 13.
Support for Venetian blind tilt rails, Intermediate. B. B. Junkunc. 2,573,147, Oct. 30.
Support for ware in a tunnel kiln, Refractory. G. N. Jeppson. 2,543,549, Feb. 27.
Support of workings in underground development. E. A. Pierre. 2,554,210, May 22.
Support or stand. J. Ferriera. 2,550,793, May 1.
Support strap for cathode-ray tube gun parts. K. A. Hoagland and E. Pohle. 2,562,236, July 31.
Support structure for screening cylinders. G. W. Borton. 2,575,484, Nov. 20.
Support unit for ovens and the like and the method and apparatus for use in the making or assembling the same, Heating element. H. Bussing. 2,567,547, Sept. 11.
Supported aluminum-halide-carbon catalyst, Preparation of. H. R. Sailors. 2,577,591, Dec. 4.
Supported electrode metal radio tube. A. Binneweg, Jr. 2,545,759, Mar. 20.
Supporter, Athletic. F. H. Montmarquet. Re. 23,334, Jan. 23.
Supporter, Hose. M. A. Glasco. 2,540,516, Feb. 6.
Supporter, Hose. C. R. Taggart. 2,543,207, Feb. 27.
Supporter, Shoulder hose. M. M. Scheinberg. 2,548,742, Apr. 10.
Supporting a fan in a housing opening. E. E. Hans. 2,557,223, June 19.
Supporting and driving mixer drums. G. Jaeger. 2,563,336, Aug. 7.
Supporting and driving structure for rotary tilling tines and the like. A. R. Madill. 2,575,223, Nov. 13.

Supporting and guiding horizontally sliding doors. S. M. Pomeroy and I. R. Disbro. 2,574,496, Nov. 13.
Supporting and locking removable panels. M. Smith and F. A. Leskovec. 2,572,774, Oct. 23.
Supporting casing for collapsible tube, having extruding mechanism for the contents of said tube. A. B. Smith. 2,570,077, Oct. 2.
Supporting casing for collapsible tube, with means to extrude the tube contents. V. Meczelski. 2,563,733, Aug. 7.
Supporting column. J. C. Curtis. 2,550,674, May 1.
Supporting device. H. C. Fox. 2,567,063, Sept. 4.
Supporting device. M. E. Nygard. 2,551,388, May 1.
Supporting device for drop cloths. A. Hudoba. 2,570,555, Oct. 9.
Supporting device for pipe cleaning machines. J. V. O'Brien. 2,552,808, May 15.
Supporting device, Load. D. A. Murphy. 2,549,116, Apr. 17.
Supporting evaporators and vapor pipes thereof. J. W. Little, and J. W. Kelley. 2,543,322, Feb. 27.
Supporting fixture. W. P. Hoverder. 2,557,434, June 19.
Supporting means for ladders and scaffolds. L. F. Dakin. 2,541,343, Feb. 13.
Supporting means for oscillating sewing machine hooks. R. K. Hohmann. 2,544,263, Mar. 6.
Supporting mechanism for semitrailers. H. J. van Doorne. 2,572,409, Oct. 23.
Supporting member for pull chain switches. B. Schoenberg. 2,545,973, Mar. 20.
Supporting structure for a plurality of rolls. L. G. Lindsay. 2,549,912, Apr. 24.
Supporting structure for kitchen appliances. T. Thomas. 2,574,769, Nov. 13.
Supporting structure for machines. H. C. Bradley. 2,571,672, Oct. 16.
Supporting system for bicycle engines. A. Garelli. 2,574,824, Nov. 13.
Supports for extension tables, Drop-leaf. S. T. Anderson. 2,548,927, Apr. 17.
Suppositories and bases therefor, Medicated. F. J. Saunders and A. L. Raymond. 2,538,127, Jan. 16.
Suppressing transverse modes of oscillation in a piezoelectric crystal. C. F. Kettering and W. S. Erwin. 2,543,500, Feb. 27.
Suppression of carbon formation and carburization in gas turbine and jet propulsion engines. P. S. Viles. 2,557,018, June 12.
Suppression of corrosion. C. Phillips, Jr. 2,550,425, Apr. 24.
Suppression of corrosion. P. S. Viles and D. C. Walsh, Jr. 2,550,434, Apr. 24.
Suppression of voltage surges tending to arise due to the switching of transformers. S. A. Stevens and H. Duckitt. 2,550,946, May 1.
Surface active agents. J. F. Olin. 2,565,986, Aug. 28.
Surface active derivatives of nitrogen-containing sulfonic acids. G. Jaccard. 2,543,852, Mar. 6.
Surface cleaning apparatus. D. N. Wayne. 2,563,696, Aug. 7.
Surface conditioning tool. C. W. Bryan. 2,549,570, Apr. 17.
Surface covering element. H. G. Goslin. 2,556,581, June 12.
Surface crusher. W. C. Hite. 2,539,136, Jan. 23.
Surface finishing ironing tool. W. C. Jones. 2,544,326, Mar. 6.
Surface finishings, Preparing. D. G. Patterson and W. F. Turner. 2,554,471, May 22.
Surface heater. C. W. Sowell. 2,558,160, June 26.
Surface lubrication of metal products. W. S. Allen. 2,579,777–8, Dec. 25.
Surface marking machine. E. R. Myers. 2,566,624, Sept. 4.
Surface ornamentation. E. Millmather, Jr. 2,572,275, Oct. 23.
Surface plate and the like. L. H. Milligan. 2,547,087, Apr. 3.
Surface protecting materials and making the same. A. S. Pitre and J. R. Saroyan. 2,579,610, Dec. 25.
Surface supported device for gripping a receptacle and removing the closure and having a single operator. J. F. Castner. 2,566,598, Sept. 4.
Surface-treated silica. D. S. Sears and E. B. Newton. 2,578,605, Dec. 11.
Surface treatment of aluminum and aluminum alloys. E. Simon and F. M. Carasso. 2,550,388, Apr. 24.
Surface treatment of metals, Method and apparatus for the. F. W. Thomas and E. Simon. 2,540,602, Feb. 6.
Surface treatment of molds. F. A. Nagel. 2,564,308, Aug. 14.
Surface wave cancellation electrical prospecting. C. I. Beard. 2,542,462, Feb. 20.
Surface wiping mechanism. C. R. Sacchini. 2,560,780, July 17.
Surfaces for adhesion, Preparation of. A. M. Jamieson. 2,536,183, Jan. 2.
Surfaces having low-adhesion to ice. R. Smith-Johannsen. 2,575,141, Nov. 13.
Surfacing and cleaning aluminum bakepans. H. A. Snyder. 2,553,064, May 15.
Surfacing element. H. C. Hall. 2,565,607, Aug. 28.
Surfacing machine. D. P. Bernheim and W. A. Gunning. 2,548,418, Apr. 10.
Surfacing machine, Floor. R. Calabrese. 2,557,216, June 19.
Surfacing machine for producing lenses and similar articles. P. D. d'Avaucourt. 2,553,528, May 15.
Surfacing metallic articles. A. W. Machlet. 2,551,957, May 8.
Surfacing wheels. C. E. Tack. 2,558,017, June 26.
Surge arrester for air lines. N. O. H. Sidenmark. 2,560,136, July 10.
Surge insulation tester. E. W. Bauer. 2,578,499, Dec. 11.
Surge relief. J. Trumbull. 2,555,280, May 29.
Surge testing. E. F. Harter. 2,569,990, Oct. 2.
Surge type vacuum pump. E. M. Hadley. 2,559,502, July 3.
Surgical appliance and fixation of bone fragments. E. E. Longfellow. 2,537,070, Jan. 9.
Surgical blade-plate driver and extractor. E. E. Longfellow. 2,536,296, Jan. 2.
Surgical cast. J. E. Means. 2,576,027, Nov. 20.
Surgical clamp tool. H. A. Hinckley and R. C. Hawkins. 2,577,012, Dec. 4.
Surgical device. M. H. Moseley. 2,544,037, Mar. 6.
Surgical dressing kit, Individual. P. Collignon. 2,566,018, Aug. 28.
Surgical injection apparatus. A. Piechaczek. 2,577,481, Dec. 4.
Surgical irrigator, Automatic. F. N. Bay. 2,542,461, Feb. 20.
Surgical mallet. J. J. Neff and F. I. Fuller. 2,542,695, Feb. 20.
Surgical piercing device. R. W. Spicher. 2,568,207, Sept. 18.
Surgical reel device. G. E. Caraway. 2,574,728, Nov. 13.
Surgical snare. T. A. and R. T. Krivanek. 2,555,550, June 5.
Surgical speculum. L. B. Newman. 2,579,849, Dec. 25.
Surgical table. R. Anderson. 2,577,177, Dec. 4.
Survey rod. R. E. Wattenbarger. 2,540,769, Feb. 6.
Suspended carrier. C. H. Whitcroft. 2,538,998, Jan. 23.
Suspended crimping tool. J. B. Clapp. 2,568,054, Sept. 18.
Suspended frame type tire bead loosening press. S. S. Watkins. 2,562,995, Aug. 7.
Suspender, Button and loop sock. J. Hora. 2,569,931, Oct. 2.
Suspender, Cranium. J. D. Phillips. 2,574,282, Nov. 6.
Suspending and actuating mechanism, Griddle. G. A. Sivley. 2,547,982, Apr. 10.
Suspending and sealing casings. H. Allen and M. T. Works. 2,553,838, May 22.
Suspending bobbins in creels. J. Kenneford. 2,554,148, May 22.
Suspensible child's chair. A. G. Goldberg. 2,548,016, Apr. 10.
Suspension. R. N. Janeway. 2,578,137, Dec. 11.
Suspension. R. N. Janeway and P. H. Pretz. 2,578,138, Dec. 11.
Suspension bar for vertically suspending plans, drawings, maps, and the like in storage cabinets. K. M. Kölbl. 2,578,252, Dec. 11.
Suspension bridge. H. W. Sumner. 2,573,507, Oct. 30.
Suspension device and shock absorber for vehicles. P. W. Thornhill and C. A. Gosling. 2,545,394, Mar. 13.
Suspension device for drying stockings. H. Gamache. 2,541,349, Feb. 13.
Suspension device for the carriage escapement mechanism of typewriting and like machines, Resilient. G. Prezioso. 2,552,295, May 8.
Suspension device for vehicles. M. F. A. Julien. 2,545,956, Mar. 20.
Suspension device for vehicles. P. W. Thornhill. 2,537,491, Jan. 9.
Suspension for cabinet ironers. A. L. Briggs. 2,543,485, Feb. 27.
Suspension for motor cars and the like. P. Panhard. 2,556,630, June 12.
Suspension for safety helmets. L. Daly. 2,573,250, Oct. 30.
Suspension for steerable wheels. J. P. Butterfield. 2,567,144, Sept. 4.
Suspension for vehicles, especially for agricultural purposes. N. F. Andrews. 2,536,411, Jan. 2.
Suspension frame bumper. H. C. Tellock. 2,571,784, Oct. 16.
Suspension galvanometer and magnet assembly. A. D. Richardson. 2,550,720, May 1.
Suspension of vinyl chloride polymer in polymerizable liquid. J. A. Loritsch and P. M. Di Cerbo. 2,567,719, Sept. 11.
Suspension polymerization. D. Bandel. 2,546,207, Mar. 27.
Suspension unit for overhead swinging doors. A. C. D'Alfonso. 2,546,060, Mar. 20.
Suspensions of polymeric chlorotrifluoroethylene. M. M. Sprung. 2,542,071–2, Feb. 20.
Suspensions of polymeric chlorotrifluoroethylene. G. W. Young. 2,542,069, Feb. 20.
Sustaining rotor blade. D. N. Meyers. 2,574,651, Nov. 13.
Suture hemostat. R. L. Findley. 2,577,240, Dec. 4.
Swab, Clarinet. W. McKean. 2,537,149, Jan. 9.

Swab, Prehensile pipe-cleaning. E. Burke. 2,567,923, Sept. 18.
Swaged electrical connection. S. N. Buchanan. 2,554,813, May 29.
Swaging machine and feeder therefor. C. E. McKinsey. 2,571,594, Oct. 16.
Swaging machine, Continuous. W. S. Reynolds and J. R. Turner. 2,538,707, Jan. 16.
Swash plate mechanism. C. A. Lindeman, Jr. 2,551,025, May 1.
Swash plate pump. H. W. Trevaskis. 2,571,312, Oct. 16.
Swatter, Insect. A. P. Fürst. 2,578,183, Dec. 11.
Swatter, Shooting fly. F. P. Grunkemeyer. 2,578,352, Dec. 11.
Sweatband. D. C. Lippmann. 2,544,798, Mar. 13.
Sweep circuit. H. L. Barney. 2,572,586, Oct. 23.
Sweep circuit. A. S. Harris. 2,571,131, Oct. 16.
Sweep cutter. H. C. Wilson. 2,551,778, May 8.
Sweep generation. R. M. Page. 2,559,657, July 10.
Sweep generator. L. J. Lader. 2,562,925, Aug. 7.
Sweep generator. R. A. McConnell and V. A. Olson. 2,578,258, Dec. 11.
Sweep generator. L. W. Parker. 2,562,941, Aug. 7.
Sweep system. L. R. Philpott. 2,548,907, Apr. 17.
Sweeper, Tractor operated straw. P. H. Oppegaard. 2,577,264, Dec. 4.
Sweeper, Trash. E. Witte. 2,551,861, May 8.
Sweeping device. T. O. Adams. 2,571,647, Oct. 16.
Sweetening hydrocarbon mixtures. E. B. Backensto. 2,543,953, Mar. 6.
Sweetening of petroleum distillates. J. G. Browder and A. R. Smith. 2,556,837, June 12.
Sweetening of petroleum distillates. J. G. Browder and A. R. Smith. 2,562,767, July 31.
Sweetening petroleum distillates. J. G. Browder and A. R. Smith. 2,565,349, Aug. 21.
Sweetening process. H. A. Ricards, Jr. and J. W. Ryder. 2,570,277, Oct. 9.
Sweetening process. H. A. Ricards, Jr. and J. W. Ryder. 2,572,519, Oct. 23.
Sweetening process. J. W. Ryder. 2,574,122, Nov. 6.
Sweetening process using alkali metal hydroxide containing high boiling mercaptan salts. J. W. Ryder. 2,570,278, Oct. 9.
Swift. W. J. Chapman. 2,554,897, May 29.
Swimming appliance. E. Holcombe. 2,555,969, June 5.
Swimming device. A. A. Axiotes. 2,556,894, June 12.
Swimming device. R. Wenke. 2,557,367, June 19.
Swimming pool. J. T. Sparling. 2,575,303, Nov. 13.
Swimming trainer. J. J. Pobochenko. 2,536,390, Jan. 2.
Swimming trunks. M. F. Laszlo. 2,561,312, July 17.
Swimming trunks. D. Seidner. 2,560,192, July 10.
Swing. F. Cartwright. 2,550,530, Apr. 24.
Swing. V. E. Charn. 2,545,571, Mar. 20.
Swing. M. Eicholtz. 2,564,398, Aug. 14.
Swing. H. C. Hughes. 2,569,060, Sept. 25.
Swing. P. A. Joncas. 2,548,375, Apr. 10.
Swing. R. G. Low. 2,568,015, Sept. 18.
Swing. E. E. Miller. 2,545,295, Mar. 13.
Swing. A. W. Moser. 2,553,932, May 22.
Swing-door control mechanism. R. G. Polson. 2,554,540, May 29.
Swing frame. S. Bender. 2,560,713, July 17.
Swing hinge. H. J. Sands and N. E. Blanke. 2,579,206, Dec. 18.
Swing joint. G. A. Collender. 2,557,498, June 19.
Swing, Kiddy. V. D. Reid, Sr. 2,571,611, Oct. 16.
Swing, Lawn. W. H. Nicholson. 2,548,443, Apr. 10.
Swing, Occupant operated. R. W. Hines. 2,549,085, Apr. 17.
Swing, Power-driven. B. Schrougham. 2,564,547, Aug. 14.
Swing, Roundabout. C. L. McBride. 2,562,324, July 31.
Swing sander. H. S. Newton. 2,561,589, July 24.
Swing, Sofa. W. I. Smith. 2,547,891, Apr. 3.
Swingable arm for holding a sound pickup stylus. R. J. Rockwell. 2,551,506, May 1.
Swinging support. E. W. Dotten. 2,562,021, July 24.

Switch: *See*—
- Alarm switch.
- Airplane crash switch.
- Automatic electromagnetic switch.
- Automatic pressure switch.
- Automatic oil tank switch.
- Automatic resetting timing switch.
- Automatic selecting switch.
- Automatic switch.
- Automatic tire pressure switch.
- Automatically operable snap-acting switch.
- Box cover switch.
- Burglar alarm switch.
- Burglar and fire safety switch.
- Bus bar reversing switch.
- Centrifugal switch.
- Check controlled time switch.
- Circuit breaker switch.
- Circuit isolating air break switch.
- Clock operated switch.
- Combination lock switch.
- Control switch.
- Conveyer switch.
- Coupling actuated magnetic switch.
- Crossbar switch.
- Crown block safety switch.
- Cycle light switch.
- Delayed-action switch.
- Differential pressure controlled switch.
- Differential temperature control switch.
- Directional lamp switch.
- Double throw clamp-tight switch.
- Double-throw clamping switch.
- Drum switch.
- Dry cell lamp switch.
- Dual control switch.
- Electric control switch.
- Electric discharge switch.

Switch: *See*—Continued.
- Electric signal switch.
- Electric slide switch.
- Electric snap switch.
- Electric starting switch.
- Electric switch.
- Electrical alarm switch.
- Electrical snap switch.
- Electrical switch.
- Electrical wave guide switch.
- Electrically actuated variable electric time switch.
- Electrolysis switch.
- Electromagnetic reversing switch.
- Electromagnetic switch.
- Electromagnetically operated switch.
- Electronic combination switch.
- Electronic switch.
- Emergency brake operated switch.
- Film controlled motor switch.
- Fire alarm switch.
- Flashlight switch.
- Fluid pressure actuated switch.
- Fluid pressure operated switch.
- Foot-operated switch.
- Free-tripping overload switch.
- Fuel selector switch.
- Fuse switch.
- Fused switch.
- Gas tube radio-frequency switch.
- Gasoline pump switch.
- Glow tube switch.
- Heat responsive electric switch.
- Hermetically sealed electric switch.
- High-power transmission line switch.
- High-voltage electric switch.
- High-voltage switch.
- Hydro-inertia switch.
- Inertia switch.
- Instrument panel switch.
- Interchangeable electric switch.
- Key operated switch.
- Limit switch.
- Magnet operated switch.
- Magnetic operated switch.
- Magnetic rotor operated switch.
- Magnetic snap action switch.
- Magnetic switch.
- Magnetic vibratory switch.
- Magnetically operated switch.
- Maintained pressure snap switch.
- Master switch.
- Mechanically operated switch.
- Mercury switch.
- Mercury-to-mercury double contact switch.
- Momentary control switch.
- Motor-driven switch.
- Motor starting and safety switch.
- Movie projector safety switch.
- Multidirectional selective switch.
- Multiple contact selector switch.
- Multiple selective switch.
- Neutral position switch.
- Oil pressure switch.
- Ornamental wall switch.
- Out-fire control switch.
- Permutation switch.
- Phonograph start-stop switch.
- Plunger type switch.
- Pneumatic electric switch.
- Pressure actuated switch.
- Pressure operated control switch.
- Pressure operated switch.
- Pressure responsive safety switch.
- Program selector switch.
- Propeller pitch reversing control switch.
- Push-button biturn single-pole switch.
- Push-button electric switch.
- Push-button switch.
- Radial contact switch.
- Radio-frequency switch.
- Radio time switch.
- Railway switch.
- Reversible electric switch.
- Rotary electric switch.
- Rotary electromagnetic transfer switch.
- Rotary forced contact type air switch.
- Rotary magnetic switch.
- Rotary selective switch.
- Rotary step switch.
- Rotary switch.
- Safety cutout switch.
- Safety switch.
- Selective switch.
- Selector switch.
- Series electronic switch.
- Shutter controlled safety switch.
- Signal switch.
- Slide switch.
- Sliding coaxial switch.
- Snap acting control switch.
- Snap-action electric switch.
- Snap action switch.
- Snap-action thermostatic switch.
- Snap switch.
- Sprinkler alarm switch.
- Temperature and pressure switch.
- Temperature control switch.
- Temperature controlled electric switch.
- Temperature indicating thermostatic switch.
- Thermal electric switch.
- Thermal switch.
- Thermally operated electric switch.
- Thermoelectric switch.
- Thermostatic limit switch.
- Thermostatic switch.
- Thermostatically controlled switch.
- Time signal switch.
- Time switch.
- Tire deflation switch.
- Transmission control switch.
- Turnover safety switch.
- Two-motion selective switch.
- Variable resistor switch.
- Vehicle turn-signaling switch.
- Weighing scale light switch.
- Welding electrode holder switch.

Switch. A. E. Baak. 2,557,929, June 26.
Switch. R. P. Ballou. 2,543,090, Feb. 27.
Switch. O. J. Blomberg. 2,568,482, Sept. 18.
Switch. G. E. Breeze. 2,553,510, May 15.
Switch. H. J. Crabbs. 2,579,799, Dec. 25.
Switch. J. Gouffon. 2,545,548, Mar. 20.
Switch. H. W. Graybill. 2,554,824, May 29.
Switch. J. D. F. Green. 2,574,869, Nov. 13.
Switch. H. A. Hilsinger, Jr. 2,576,836, Nov. 27.
Switch. M. L. Jeffrey. 2,542,530, Feb. 20.
Switch. W. H. Lindae. 2,546,366, Mar. 27.
Switch. M. L. Nelson. 2,541,376, Feb. 13.
Switch. E. H. Pitney. 2,564,229, Aug. 14.
Switch. R. Popp. 2,562,390, July 31.
Switch. R. E. Prouty. 2,543,707, Feb. 27.

Switch. J. H. Robinson, Jr., and R. D. Scott. 2,558,783, July 3.
Switch. J. B. Shockley. 2,572,396, Oct. 23.
Switch. H. H. Walley, Jr. 2,555,258, May 29.
Switch actuator. P. A. Lund. 2,547,765, Apr. 3.
Switch actuator, Electric. C. M. Christensen. 2,573,833, Nov. 6.
Switch actuator, Multiple. E. G. Johansson. 2,542,533, Feb. 20.
Switch and adjustable mount therefor, Shutter operated flash synchronizing. C. D. Van Bibber. 2,567,627, Sept. 11.
Switch and control, Conveyer runway. H. C. Hebert. 2,558,751, July 3.
Switch and mounting, Telephone. C. L. Krumreich. 2,580,105, Dec. 25.
Switch and operating means therefor. V. G. Farley. 2,570,783, Oct. 9.
Switch and relay, Mercury. H. E. Bucklen, III, and G. L. Weimer. 2,570,095, Oct. 2.
Switch and signal control system for railroads. C. A. Pickell. 2,550,859, May 1.
Switch and starter for fluorescent lights, Combination. F. A. Mauch. 2,555,092, May 29.
Switch apparatus. E. M. Warren. 2,559,055, July 3.
Switch arrangement, Electrical. J. M. L. Janssen and A. W. Storm. 2,558,707, June 26.
Switch arrangement on phonograph pickup. W. D. Huston and J. M. Brady. 2,579,496, Dec. 25.
Switch assembly for vehicles, Directional signal. J. W. Harstine. 2,578,423, Dec. 11.
Switch assembly, High-voltage. W. H. Gilliland and F. H. Turnham. 2,575,707, Nov. 20.
Switch assembly, Manually operable thermostatic. F. R. Bean. 2,567,361, Sept. 11.
Switch blade. E. A. Miller. 2,568,652, Sept. 18.
Switch blade, Cantilever shiftable. E. A. Miller. 2,571,468, Oct. 16.
Switchboard. E. T. Ball, J. G. Ferguson, and J. E. Greene. 2,577,101, Dec. 4.
Switchboard. E. E. Wills. 2,542,853, Feb. 20.
Switchboard, Magnet operated sealed. C. Marble and C. F. Ruckdeschel. 2,546,647, Mar. 27.
Switchboard, Telephone. L. Micha. 2,559,561, July 3.
Switchboard with expansible bays and cable racks, Telephone. F. A. Stearn and L. P. Hopkins. 2,561,426, July 24.
Switch box. A. J. Lippold. 2,548,732, Apr. 10.
Switch brush unit assembly, Selector. G. Deakin. 2,577,742, Dec. 11.
Switch casing, Electric. F. P. Gates. 2,571,859, Oct. 16.
Switch circuit controlling device for railroads. F. X. Rees. 2,543,555, Feb. 27.
Switch construction. C. H. Priesmeyer. 2,570,481, Oct. 9.
Switch construction. W. O. Schultz. 2,555,251, May 29.
Switch construction, Electric. K. C. Allison. 2,549,998, Apr. 24.
Switch construction, Electric. L. Ludwig. 2,579,841, Dec. 25.
Switch construction, Multiple contact. E. F. Baldwin. 2,558,412, June 26.
Switch contact and rivet, Combination. W. D. Kight. 2,565,373, Aug. 21.
Switch contact assembly. L. L. Chappell. 2,568,610, Sept. 18
Switch contact construction. J. J. Kojis. 2,567,606, Sept. 11.
Switch contact, Electric. A. Palme and C. H. Hannon. 2,547,658, Apr. 3.
Switch device. L. D. Boyce. 2,560,787, July 17.
Switch device. R. P. Mork. 2,558,659, June 26.
Switch device, Safety automobile wheel. M. H. Levy and R. A. Donovan. 2,569,998, Oct. 2.
Switch device, Signal. A. K. Schlatter. 2,578,844, Dec. 18.
Switch for animal traps, Electrical. J. A. Barber. 2,554,728, May 29.
Switch for automatic telephone installations, Crossbar. J. J. Donkelaar and G. B. Knos. 2,576,785, Nov. 27.
Switch for automatic telephony, Cross-bar. G. B. Knös. 2,577,468, Dec. 4.
Switch for automobiles, Clearance. W. Williams and F. F. Brown. 2,557,490, June 19.
Switch for batteries or the like, Cutout. R. Pelletier. 2,570,704, Oct. 9.
Switch for covers of washing machines, Safety. H. B. Wallis and D. R. Neal. 2,544,867, Mar. 13.
Switch for directional and clearance lamps. J. R. Hollins. 2,562,274–5, July 31.
Switch for dynamoelectric machines. S. S. Wolff. 2,570,998, Oct. 9.
Switch for electric motors, Speed responsive. E. F. Restemeier. 2,555,703, June 5.
Switch for electric toasters, Timing. F. Kuhn and L. H. Thomas. 2,545,288, Mar. 13.
Switch for electrical musical instruments. R. T. Bozak and S. L. Krauss. 2,567,870, Sept. 11.
Switch for electrical systems, Safety cutout. R. Minch and R. Ball. 2,538,581, Jan .16.
Switch for fuel tanks, Closure operated. L. K. Wildberg. 2,543,214, Feb. 27.
Switch for high-frequency heating systems, Transfer. C. E. Ellsworth and A. E. Gilbert. 2,543,768, Mar. 6.
Switch for internal-combustion engines, Suction actuated and controlled ignition. C. M. Winter, 2,561,962, July 24.
Switch for kilns or ovens. C. H. Strange. 2,555,864, June 5.
Switch for liquid cooled engines, Safety. L. Samuel. 2,574,192, Nov. 6.
Switch for locks, Alarm. J. G. Hofler. 2,566,836, Sept. 4.
Switch for machine tools or the like, Manually operated control. C. W. Berthiez. 2,545,837, Mar. 20.
Switch for motor trucks, Clearance detector. H. S. Marx. 2,554,371, May 22.
Switch for motor vehicles, Automatic safety. E. E. Fraser. 2,539,736, Jan. 30.
Switch for motor vehicles, Safety. W. V. Brugger. 2,553,892, May 22.
Switch for motor vehicles, Turn signaling. J. Kaupert. 2,556,427, June 12.
Switch for motors, Cutout. W. F. and H. Weirich. 2,568,476, Sept. 18.
Switch for musical instruments, Key operated. G. H. Marmont and W. A. Rice. 2,549,697, Apr. 17.
Switch for object locators, Receiver channel. W. A. Huber and W. T. Pope, Jr. 2,564,694, Aug. 21.
Switch for panels, etc., Electric. H. J. Hammerly and A. H. Veitch. 2,570,229, Oct. 9.
Switch for portable appliances, Safety. D. C. Gerber. 2,574,965, Nov. 13.
Switch for preassigning idle finder switches, Allotter. G. T. Baker. 2,540,644, Feb. 6.
Switch for precise operating limits. W. F. Carr. 2,553,299, May 15.
Switch for signal lights, Accelerator actuated. J. Cirone. 2,552,665, May 15.
Switch for static and dynamic balancing. E. L. Schnoebelen. 2,565,577, Aug. 28.
Switch for tariff clocks. Multiple pole. E. Widmer. 2,574,308, Nov. 6.
Switch for telephone substation sets. C. L. Krumreich. 2,566,840, Sept. 4.
Switch for timers, Adjustable. D. Morrison. 2,578,824, Dec. 18.
Switch for tubular lamps, Socket. J. M. Pistey. 2,546,778, Mar. 27.
Switch for use in automatic telephone systems, Crossbar. G. B. Knös. 2,573,453, Oct. 30.
Switch for use with a perforated tape. M. Camras. 2,574,688, Nov. 13.
Switch for use with battery chargers. C. E. Peters. 2,573,483, Oct. 30.
Switch for vehicle lighting circuits, Direction. J. R. Hollins. 2,570,811, Oct. 9.
Switchgear drawout mechanism. E. E. Hebbel, Jr. 2,544,314, Mar. 6.
Switchgear, Electric. G. Kilminster. 2,544,761, Mar. 13.
Switchgear, Electrical. J. M. Cumming. 2,542,798, Feb. 20.
Switchgear, Enclosed. F. W. Reilly. 2,538,042, Jan. 16.
Switchgear for overhead railways, Automatic. T. Bopp. 2,564,953, Aug. 21.
Switchgear interlocking control, Removable. C. D. Eichelberger. 2,540,814, Feb. 6.
Switchgear, Outdoor metal-clad. G. L. Claybourn and P. Kocsis, Jr. 2,554,240, May 22.
Switch having one or more tubular contacts. A. Latour. 2,573,797, Nov. 6.
Switch having slow-acting relay in magnet circuit, Selector. S. Rudeforth. 2,575,842, Nov. 20.
Switch locking mechanism, Automatic safety. E. J. Kromholz. 2,546,454, Mar. 27.
Switch machine for railroads. J. E. Stephenson. 2,559,477, July 3.
Switch means, Adjustable limit. P. Handelman. 2,558,517, June 26.
Switch means, Electrical. T. G. Burrichter. 2,578,503, Dec. 11.
Switch means for chutes, Deflecting. H. K. Moneypenny, G. H. Townend, and F. Beardsmore. 2,572,745, Oct. 23.
Switch mechanism. H. W. Ecker. 2,558,240, June 26.
Switch mechanism. L. Hoffman. 2,573,139, Oct. 30.
Switch mechanism. M. D. Markley and J. M. Markley, Jr. 2,565,735, Aug. 28.
Switch mechanism, Automobile headlight. L. S. Treese. 2,536,828, Jan. 2.
Switch mechanism for power operated typewriters or like machines, Cover controlled safety. H. J. Hart and W. H. Kupper. 2,568,002, Sept. 18.
Switch mechanism, Hydraulic governor. D. W. Dusinberre and F. Brychta. 2,541,643, Feb. 13.
Switch mechanism, Snap. E. C. Raney. 2,556,216, June 12.
Switch mechanism, Snap. M. N. Russell and W. F. Zimmerman. 2,570,281, Oct. 9.
Switch operated by float actuating mechanism. C. Gahagan. 2,536,273, Jan. 2.
Switch operating device, Electric. J. G. Coles. 2,571,837, Oct. 16.
Switch operating mechanism. G. Long. 2,549,616, Apr. 17.
Switch operating mechanism, Coordinate selective. G. B. Knös. 2,554,108, May 22.
Switch operating mechanism, Electric. A. J. Kreiner. 2,576,609, Nov. 27.

Switch operating mechanism, Magnetic. J. C. Ponstingl and L. Pierce. 2,538,037, Jan. 16.
Switch operator, Electric. J. A. Favre. 2,549,441, Apr. 17.
Switch parts, Making. J. W. Juvinall and A. L. Quinlan. 2,571,040, Oct. 9.
Switch plate for electrical switches. L. Newman. 2,571,054, Oct. 9.
Switch pull mechanism. R. Popp. 2,577,362, Dec. 4.
Switch stand. A. F. Andersen. 2,575,037, Nov. 13.
Switch structure, Centrifugal. R. Reger. 2,558,223, June 26.
Switch structure, Electric. A. Hafke. 2,572,335, Oct. 23.
Switch structure for lamps. M. A. Beathan. 2,556,023, June 5.
Switch structure, Multiple contact. I. E. McCabe. 2,562,626, July 31.
Switch, structures and circuits, Electron. T. H. Clark. 2,556,166, June 12.
Switch tube. M. C. Pease, III. 2,558,664, June 26.
Switch unit. J. F. O'Brien, J. B. Cataldo, and K. E. Vroom. 2,567,962, Sept. 18.
Switch unit, Brake fluid operated. S. B. Alcoriza. 2,566,545, Sept. 4.
Switch unit for signaling systems, Helicoil. L. J. Kamm. 2,543,694, Feb. 27.
Switch using a bridge contact for either single throw or double throw operation, Electric. M. G. Andis. 2,557,493, June 19.
Switch with floating contact arm, Rotary. R. D. Taylor. 2,538,174, Jan. 16.
Switch with single actuator, Multiple unit. R. N. Rowe. 2,574,290, Nov. 6.
Switch with sum and difference frequency receivers, Duplex. N. Fox. 2,567,197, Sept. 11.
Switches, Combination one- and two-digit selector. H. W. Balzer. 2,575,780, Nov. 20.
Switches, Interlocked. J. M. Wallace and P. Silvius. 2,580,338, Dec. 25.
Switching apparatus. K. W. Graybill. 2,541,354, Feb. 13.
Switching apparatus. G. J. Kennedy. 2,544,535, Mar. 6.
Switching apparatus, Electric. H. Lindars. 2,568,345, Sept. 18
Switching apparatus, Electric. E. E. Robinson. 2,539,206, Jan. 23.
Switching apparatus for electrical apparatus. L. T. Akeley. 2,575,084, Nov. 13.
Switching arrangement for combined manual and automatic telephone systems. S. E. Peterson and M. E. Griffins. 2,556,103, June 5.
Switching control, Photoelectric time. R. O. Ritchie and S. Mitchell. 2,538,536, Jan. 16.
Switching device, Crossbar. K. W. Graybill and H. Sengebusch. 2,550,241, Apr. 24.
Switching device, Electronic. R. B. De Lano, Jr. 2,549,895, Apr. 24.
Switching device, Electronic. I. E. Grosdoff. 2,545,082, Mar. 13.
Switching device, Electronic. C. L. Jeffers. 2,579,001, Dec. 18.
Switching device having "hold" key. F. K. van Almelo. 2,536,829, Jan. 2.
Switching device, Line. J. A. Pollock and J. L. Turner. 2,560,472, July 10.
Switching device, Magnetic. J. E. Bigelow. 2,548,581, Apr. 10.
Switching device, Pneumatically operated electrical. C. R. Woodland. 2,557,902, June 19.
Switching device, Radio-frequency. R. C. Raymond. 2,555,154, May 29.
Switching device, Remote. R. E. Moore. 2,576,410, Nov. 27.
Switching device, Selectivity. W. L. Smith. 2,547,984, Apr. 10.
Switching device with time-delay control. H. A. G. Hazeu and J. M. Ledeboer. 2,536,548, Jan. 2.
Switching equipment, Automatic selective. O. Wasson and J. R. Palmer. 2,550,506, Apr. 24.
Switching key with roller actuating means. W. S. Babcock, Jr. 2,560,324, July 10.
Switching means for connecting electrical structures which contain elements in shunt. E. de Selgas y Marin. 2,542,486, Feb. 20.
Switching mechanism, Electrical. L. W. Imm. 2,576,903, Nov. 27.
Switching system. D. L. Herr. 2,541,247, Feb. 13.
Switching system. W. R. Johnson. 2,577,015, Dec. 4.
Switching system, Antenna. C. A. Rosencrans. 2,549,639, Apr. 17.
Switching system, Burglar alarm. J. T. Dooley. 2,545,727, Mar. 20.
Switching system, Electric. C. H. Rex. 2,577,155, Dec. 4.
Switching system, Electrical. J. H. Newitt. 2,576,137, Nov. 27.
Switching system, Electronic. L. S. Galstaun and E. R. Keever. 2,556,753, June 12.
Switching system, Facsimile. R. J. Wise and M. J. Reynolds. 2,537,199, Jan. 9.
Switching system, Selector. J. I. Bellamy. 2,559,702, July 10.
Switching system, Selector. M. den Hertog. 2,553,553, May 22.
Switching system, Telegraph. W. B. Blanton, F. L. Currie, and G. W. Janson. 2,546,627, Mar. 27.
Switching system, Telegraph. F. L. Currie and W. B. Blanton. 2,546,630, Mar. 27.
Switching transient noise suppression system for combination radio and television receivers. R. F. Foster. 2,549,444, Apr. 17.
Switching tube. P. M. G. Toulon. 2,565,103, Aug. 21.
Swivel. D. A. Chase. 2,544,655, Mar. 13.
Swivel. K. W. Sköld. 2,574,800, Nov. 13.
Swivel and locking connection for tubes. V. J. Grumblatt. 2,579,314, Dec. 18.
Swivel ball antenna support. T. R. Finke, J. L. Stewart, and L. H. Finneburgh, Jr. 2,536,733, Jan. 2.
Swivel cap. N. T. Stoos, Jr. and J. Bondi. 2,574,422, Nov. 6.
Swivel chair iron. M. Fox. 2,545,950, Mar. 20.
Swivel connection for air operated chucks. H. E. Sloan and G. A. Highberg. 2,568,092, Sept. 18.
Swivel coupling. W. J. S. Johnson. 2,575,917, Nov. 20.
Swivel coupling. I. D. Press. 2,542,701, Feb. 20.
Swivel coupling. A. N. Troshkin and I. D. Press. 2,570,406, Oct. 9.
Swivel for bulldozer blades. J. A. Thierry. 2,557,160, June 19.
Swivel hose couplings, Making high-pressure. G. R. Coss. 2,574,625, Nov. 13.
Swivel intake for dispensing pumps. W. F. Hamilton and M. F. George, Jr. 2,556,180, June 12.
Swivel joint. K. A. Blewett. 2,576,563, Nov. 27.
Swivel joint. D. A. Gross. 2,547,316, Apr. 3.
Swivel joint. W. A. Humphrey. 2,570,347, Oct. 9.
Swivel joint. S. H. B. Zachariassen. 2,547,106, Apr. 3.
Swivel joint for connecting the head of a rearview mirror to its support. D. M. Morgenstern. 2,555,239, May 29.
Swivel, Multiple ball bearing punching bag. F. W. Hudson and A. M. Pilkington. 2,547,124, Apr. 3.
Swivel pipe coupling. M. Sinner. 2,561,757, July 24.
Swivel pipe joint. H. F. Vickers and W. J. McLean. 2,541,311, Feb. 13.
Swivel, Rotary. A. R. Maier. 2,537,683, Jan. 9.
Swivel terminal for cables. W. W. Mount. 2,571,052, Oct. 9.
Sword. F. W. Moeble. 2,544,563, Mar. 6.
Symbol typing and tape feeding mechanism for typewriting machines. C. W. Norton and J. H. Ritz 2,565,985, Aug. 28.
Sympatholytic compositions. L. S. Goodman and M Nickerson. 2,537,988, Jan. 16.
Synchronization of pulse communication systems. E. Peterson. 2,546,316, Mar. 27.
Synchronizer. J. D. McCullough. 2,553,059, May 15.
Synchronizer, Aircraft engine. F. O. Wisman. 2,551,306, May 1.
Synchronizer clutch. W. W. Henning. 2,546,746, Mar. 27.
Synchronizer device, Sprag type. F. W. Avila. 2,546,712, Mar. 27.
Synchronizer for focal plane type camera shutters, Flash. C. W. Pribus and R. E. Kesel. 2,552,213, May 8.
Synchronizer for machines such as glass machines. S. E. Winder. 2,540,154, Feb. 6.
Synchronizer having two switches for selective use, Built-in flash. C. C. Fuerst. 2,552,273, Mar. 8.
Synchronizer, Pneumatic camera flash. J. P. Castellano. 2,558,235, June 26.
Synchronizer, Random pulse. W. Hochwald. 2,552,968, May 15.
Synchronized stenter drive. K. Laurie. 2,580,233, Dec. 25.
Synchronizing and phasing system for television recorders. J. W. Gray. 2,565,366, Aug. 21.
Synchronizing arrangement for multiplex electrical pulse communication system. P. K. Chatterjea and L. W. Houghton. 2,570,207, Oct. 9.
Synchronizing circuit. G. L. Grundmann. 2,566,832, Sept. 4.
Synchronizing circuits. R. C. Webb. 2,565,896, Aug. 28.
Synchronizing clutch. G. J. Huebner, Jr. 2,562,357, July 31.
Synchronizing device. L. Schmid. 2,578,747, Dec. 18.
Synchronizing drive mechanism. B. H. Koob. 2,555,448, June 5.
Synchronizing mechanism. K. Rabe. 2,579,090, Dec. 18.
Synchronizing mechanism, Secondary clock. R. B. Johnson and E. F. Geiger. 2,566,940, Sept. 4.
Synchronizing power transmitting mechanism. H. A. Schultze. 2,573,613, Oct. 30.
Synchronizing relay. C. L. Mershon. 2,538,700, Jan. 16.
Synchronizing signal separator and keyed automatic gain control. G. W. Fyler. 2,566,763, Sept. 4.
Synchronizing system. W. D. Houghton. 2,540,167, Feb. 6.
Synchronizing system. M. D. McFarlane. 2,556,970, June 12.
Synchronous control device for electrical welding machines. P. Opprecht. 2,555,418, June 5.
Synchronous controller. J. J. Alles. 2,577,296, Dec. 4.
Synchronous mechanical clutch. G. Wood. 2,561,765, July 24.
Synchronous motor. F. Kurz. 2,572,632, Oct. 23.
Synchronous motor. E. A. Phaneuf. 2,541,830, Feb. 13.

Synchronous, self-excited, self-regulated electrical machine. I. G. Taltavull. 2,546,877, Mar. 27.
Synchronous switching apparatus for electric circuits. M. Belamin. 2,568,140, Sept. 18.
Synchronous telemetric system. M. Wallace. 2,538,065, Jan. 16.
Synthesis gas, Manufacture of. C. K. Mader. 2,579,843, Dec. 25.
Synthesis gas, Manufacture of. B. J. Mayland and A. Clark. 2,566,620, Sept. 4.
Synthesis gas preparation. B. J. Mayland. 2,546,606, Mar. 27.
Synthesis gas, Producing. H. V. Rees. 2,552,737, May 15.
Synthesis of acyl halides. R. E. Brooks and I. D. Webb. 2,580,070, Dec. 25.
Synthesis of alcohols. B. W. Howk and G. F. Hager. 2,549,470, Apr. 17.
Synthesis of aromatic silane. A. J. Barry, L. De Pree, and D. E. Hook. 2,546,330, Mar. 27.
Synthesis of beta-cyanopropionaldehyde and related compounds. D. T. Warner and O. A. Moe. 2,565,537, Aug. 28.
Synthesis of coumarans. W. K. T. Gleim. 2,546,499, Mar. 27.
Synthesis of di-aryl cyclic ethers. M. Orchin and E. O. Woolfolk. 2,566,357, Sept. 4.
Synthesis of dl-sparteine. N. J. Leonard. 2,561,326–8, July 24.
Synthesis of 5-(Sec.-butyl) hydantoin. J. E. Livak and E. C. Britton. 2,553,055, May 15.
Synthesis of 5-(2-thenoyl)pentanoic acid from thiophene, adipyl chloride and silica-alumina catalyst. H. D. Hartough and A. I. Kosak. 2,549,600, Apr. 17.
Synthesis of hydrocarbons. A. Clark. 2,567,596, Sept. 11.
Synthesis of hydrocarbons. P. C. Keith. 2,539,434, Jan. 30.
Synthesis of hydrocarbons. H. G. Vesterdal. 2,553,433, May 15.
Synthesis of hydrocarbons. C. W. Watson. 2,537,496, Jan. 9.
Synthesis of hydrocarbons and organic carbonyl compounds, Combination. A. J. Millendorf, E. A. Naragon, and J. H. Vergilio. 2,549,111, Apr. 17.
Synthesis of hydrocarbons in the presence of a fluid phase catalyst. P. W. Garbo. 2,576,931, Dec. 4.
Synthesis of hydrocarbons, Process and apparatus for the. P. W. Garbo. 2,539,415, Jan. 30.
Synthesis of hydrocarbons with a reduced gamma iron oxide catalyst. W. O. Milligan and J. C. Schiller. 2,567,295, Sept. 11.
Synthesis of melamine, Process and apparatus for. H. L. Forbes, Jr. and T. H. Crim, Jr. 2,542,762, Feb. 20.
Synthesis of molybdenum and tungsten carbonyls. D. T. Hurd. 2,554,194, May 22.
Synthesis of organic compounds. L. R. Hill. 2,560,171, July 10.
Synthesis of organic compounds. J. W. Jewell and W. B. Johnson. 2,543,974, Mar. 6.
Synthesis of organic compounds. W. B. Johnson. 2,579,828, Dec. 25.
Synthesis of organic compounds. H. G. McGrath. 2,539,847, Jan. 30.
Synthesis of organic compounds. H. G. McGrath. 2,542,422, Feb. 20.
Synthesis of organic compounds. H. G. McGrath and L. C. Rubin. 2,580,116, Dec. 25.
Synthesis of organic compounds. L. C. Rubin. 2,576,858, Nov. 27.
Synthesis of organic compounds, The. N. L. Dickinson, E. F. Everett, and L. R. Hill. 2,568,953, Sept. 25.
Synthesis of oxygenated compounds. J. C. Vlugter, A. I. M. Keulemans, and M. 't Hart. 2,564,456, Aug. 14.
Synthesis of oxygenated organic compounds. J. K. Mertzweiller and J. J. Owen. 2,560,360, July 10.
Synthesis of pregnenolone. F. W. Heyl and M. E. Herr. 2,554,986, May 29.
Synthesis of pteridines. J. H. Boothe. 2,547,519, Apr. 3.
Synthesis of substituted imidazoles. R. G. Jones. 2,541.924, Feb. 13.
Synthesis of tryptophane. D. I. Weisblat and D. A. Lyttle. 2,557,041, June 12.
Synthesis of vitamin A. N. A. Milas. 2,567,572, Sept. 11.
Synthesis of vitamin A active compounds containing repeated isoprene units. J. D. Cawley, C. D. Robeson, E. M. Shantz, L. Weisler, and J. G. Baxter. 2,576,103, Nov. 27.
Synthesizing gasoline hydrocarbons. G. B. Arnold and H. V. Hess. 2,568,841, Sept. 25.
Synthesizing hydrocarbons. W. I. Gilbert and C. W. Montgomery. 2,579,663, Dec. 25.
Synthesizing hydrocarbons and oxygenated compounds. M. A. Mosesman. 2,537,688, Jan. 9.
Synthesizing large single crystals of quartz. I. I. Friedman and P. H. Egli. 2,537,043, Jan. 9.
Synthesizing 16-keto-steroids. M. N. Huffman. 2,542,773, Feb. 20.
Synthetic copolymer, Hard. W. K. Wilson. 2,551,481, May 1.
Synthetic detergent composition, Making a. E. F. Hill, C. E. Smith, and T. H. Vaughn. 2,568,334, Sept. 18.
Synthetic fiber preparation. C. A. Hochwalt. 2,544,385, Mar. 6.
Synthetic fibers from polymers and copolymers of acrylonitrile, Producing. A. Cresswell. 2,558,731, July 3.
Synthetic hard resins prepared from α,β-unsaturated polycarboxylic acids. A. E. Rheineck. 2,569,495, Oct. 2.
Synthetic linear polydecamethylene oxalamide, Production of. S. J. Allen and J. G. N. Drewitt. 2,558,031, June 26.
Synthetic lubricant. D. Harman and W. E. Vaughan. 2,536,685, Jan. 2.
Synthetic lubricants. W. E. Garwood, F. M. Seger, C. F. Feasley, and A. N. Sachanen. 2,551,642, May 8.
Synthetic lubricants. J. J. Giammaria. 2,570,788, Oct. 9.
Synthetic lubricants. T. F. Rutledge, F. M. Seger, A. N. Sachanen, and W. E. Garwood. 2,569,429, Sept. 25.
Synthetic lubricants. F. M. Seger, C. F. Feasley, and A. N. Sachanen. 2,551,640, May 8.
Synthetic lubricants from alpha-monoolefins and unsaturated esters and producing the same. F. M. Seger, W. E. Garwood, and A. N. Sachanen. 2,551,643, May 8.
Synthetic lubricants from alpha olefins, Preparing. F. M. Seger, W. E. Garwood, and A. N. Sachanen. 2,551,644, May 8.
Synthetic material from starch or starch containing substances, Production of. D. Horsák. 2,570,449, Oct. 9.
Synthetic oils. W. A. Jordan and H. Wittcoff. 2,579,499, Dec. 25.
Synthetic oils and resins and producing same. F. Lowey. 2,556,880, June 12.
Synthetic resin and making same. T. R. McElhinney. 2,560,299, July 10.
Synthetic resin from furfuryl alcohol with boron trifluoride catalyst. C. S. Rowland. 2,553,677, May 22.
Synthetic resin mixture and making the same, Special purpose. A. R. Welch and O. G. Morris. 2,565,538, Aug. 28.
Synthetic resin sheets, Preparation of. R. T. Fields. 2,537,970, Jan. 16.
Synthetic resins and preparation thereof. H. S. Bloch. 2,542,111, Feb. 20.
Synthetic resins prepared from aldehyde condensation products. W. N. Oldham and J. R. Dudley. 2,541,005, Feb. 6.
Synthetic rubber-carbon black mixtures, Preparation of. J. W. Adams. 2,548,757, Apr. 10.
Synthetic rubber composition containing an oxygenized unsaturated nitrile. A. W. Ralston and H. M. Corley. 2,564,857, Aug. 21.
Synthetic rubber compound. R. H. Dudley. 2,557,642, June 19.
Synthetic rubber garbage container. H. R. Stine. 2,558,322, June 26.
Synthetic rubbers with oily organopolysiloxane. M. M. Safford. 2,558,584, June 26.
Synthetic smoke. A. J. Ritchie. 2,563,621, Aug. 7.
Synthetic thyroprotein, Producing. C. W. Turner and E. P. Reineke. Re. 23,429, Nov. 13.
Synthetic traveler and ring. H. D. Haley. 2,572,140, Oct. 23.
Synthetic wax of the Carnauba type. S. P. Lovell. 2,560,773, July 17.
Syringe. V. G. Bastien. 2,571,653, Oct. 16.
Syringe. C. B. Burnside. 2,551,414, May 1.
Syringe. J. Eisenstark. 2,574,964, Nov. 13.
Syringe. A. E. Smith. 2,538,390–1, Jan. 16.
Syringe. E. Sokolik. 2,576,766, Nov. 27.
Syringe apparatus for cleaning porous material. S. G. Isserstedt. 2,552,853, May 15.
Syringe, Aspirating hypodermic. T. D. Spivack. 2,568,173, Sept. 18.
Syringe assemblies, including plural-compartment admixing ampoules for segregated storage of ingredients of liquid medicinal solutions and parts thereof, Hypodermic. M. L. Lockhart. 2,576,951, Dec. 4.
Syringe, Combination ampoule. A. E. Smith. 2,540,461, Feb. 6.
Syringe, Dental. A. J. Son. 2,545,115, Mar. 13.
Syringe, Disposable. W. Friedman. 2,568,915, Sept. 25.
Syringe, Disposable. H. H. Young, D. A. Loper, and M. R. Fields. 2,550,394, Apr. 24.
Syringe, Disposal. W. E. Ward and F. A. Cutter. 2,554,351–2, May 22.
Syringe, Disposable ampulla. G. R. Ryan and F. H. Young. 2,566,428, Sept. 4.
Syringe for medical purposes, Paste-dispensing. W. Roos. 2,537,550, Jan. 9.
Syringe for regional anesthesis of the lower jaw. E. N. Richard. 2,569,901, Oct. 2.
Syringe hydrometer. W. E. Hardin. 2,537,825, Jan. 9.
Syringe, Hypodermic. A. W. Barry. 2,554,451, May 22.
Syringe, Hypodermic. G. D. Billingsley. 2,545,017, Mar. 13.
Syringe, Hypodermic. S. Blackman. 2,578,394, Dec. 11.
Syringe, Hypodermic. A. Drabicki. 2,555,878, June 5.
Syringe, Hypodermic. J. H. Friden. 2,539,510, Jan. 30.
Syringe, Hypodermic. E. L. Hoskins. 2,542,814, Feb. 20.
Syringe, Hypodermic. N. B. Jorgensen. 2,554,744, May 29.
Syringe, Hypodermic. M. L. Lockhart. 2,574,339, Nov. 6.
Syringe, Hypodermic. G. R. Ryan and F. H. Young. 2,561,233, July 17.
Syringe, Hypodermic. R. P. and J. O. Scherer and W. W. Rick. 2,562,129, July 24.
Syringe, Hypodermic. L. F. Thompson. 2,541,621, Feb. 13.

Syringe, Hypodermic and spinal. A. J. Son. 2,559,474, July 3.
Syringe, Injection. P. Kollsman. 2,578,812, Dec. 18.
Syringe, Injection. F. Lopolito. 2,575,281, Nov. 13.
Syringe, Insemination tube. E. R. Carlson. 2,552,403, May. 8.
Syringe, Microchemist's. C. H. Hamilton. 2,561,273, July 17.
Syringe, Plastic hypodermic. H. W. Nelson. 2,575,425, Nov. 20.
Syringe structure. M. L. Lockhart. 2,568,346, Sept. 18.
Syringing appliance. E. Sokolik. 2,554,068, May 22.
System and apparatus for controlling and counting the output of screw machines. M. L. Nelson. 2,544,895, Mar. 13.
System and apparatus for distributing and delivering granular materials. G. F. Walters. 2,553,024, May 15.
System and apparatus for gas storage control. D. B. Banks. 2,572,799, Oct. 23.
System and apparatus for starting charged particle accelerators. R. N. Edwards. 2,550,459, Apr. 24.
System and apparatus involving optical scanning. R. J. Wise and G. H. Ridings. 2,567,307, Sept. 11.
System and means for determination of direction and distance. H. F. Rost and P. H. E. Claesson. 2,536,770, Jan. 2.
System and method for analyzing substance by mass spectrometry. R. W. Long. 2,543,859, Mar. 6.
System and method of communication. R. H. Rines. 2,539,476, Jan. 30.
System and method of communication. R. H. Rines and I. S. Blonder. 2,539,594, Jan. 30.
System for amplifying small direct currents. C. H. Fay. 2,559,245, July 3.
System for analyzing code perforations. J. N. Wheeler. 2,566,972, Sept. 4.
System for automatically transmitting and receiving telephone messages. M. K. von Zimmermann. 2,549,548, Apr. 17.
System for connecting a single channel with a plurality of channels in periodical succession. P. M. G. Toulon. 2,565,102, Aug. 21.
System for conserving liquefied gases. H. E. Thompson. 2,550,886, May 1.
System for controlling the flow of successive electrical impulses in a channel. P. M. G. Toulon. 2,541,133, Feb. 13.
System for controlling the path of bombs and projectiles. J. H. Homrighous. 2,579,823, Dec. 25.
System for controlling the operation of machining and cutting devices. W. S. Tandler and D. S. Walker. 2,570,405, Oct. 9.
System for conveying traffic data to aircraft. F. A. Jenks. 2,547,945, Apr. 10.
System for determining tube characteristics. F. M. Glass. 2,571,439, Oct. 16.
System for directional interchange of energy between wave guides and free space. R. E. Clapp. 2,574,433, Nov. 6.
System for distinguishing between pulses having different characteristics. J. B. Atwood. 2,561,772, July 24.
System for distributing successive electrical impulses to a multiplicity of output channels. P. M. G. Toulon. 2,541,134, Feb. 13.
System for eliminating or greatly reducing the errors in gyroscopic devices or the like. H. R. Beacom. 2,566,305, Sept. 4.
System for energizing electrical precipitators. R. G. Streuber. 2,552,069, May 8.
System for filling containers by weight. T. A. St. Clair. 2,545,118, Mar. 13.
System for indicating phase relationship between two sources of alternating voltage. S. C. Stribling, Jr. 2,556,119, June 5.
System for maintaining the alignment of pulley belts. E. G. Lewis. 2,536,559, Jan. 2.
System for maintaining maximum pulse definition on high Q networks. L. Riebman. 2,537,090, Jan. 9.
System for making continuous sound records. J. H. Hammond, Jr. 2,563,647, Aug. 7.
System for measurement of small currents. A. J. Williams, Jr. 2,547,105, Apr. 3.
System for measuring the closing rate of aircraft. C. C. Martinelli. 2,537,597, Jan. 9.
System for preventing overheating of X-ray tubes and the like. W. V. Offutt. 2,536,306, Jan. 2.
System for preventing transients in photoelectric musical instruments. E. M. Jones. 2,576,758, Nov. 27.
System for receiving and decoding teletype messages. N. D. Preston and F. B. Hitchcock. 2,548,446, Apr. 10.
System for receiving communication signals without disturbance. D. Lanuza. 2,564,014, Aug. 14.
System for refrigerating aircraft storage compartments. E. P. Palmatier. 2,561,633, July 24.
System for relaying information indicative of the position of an object. D. O. Hawes. 2,552,172, May 8.
System for reproducing positions. E. F. W. Alexanderson. 2,550,514, Apr. 24.
System for separation of argon from air. P. E. Haynes. 2,545,462, Mar. 20.
System for supplying heated air for use on aircraft. E. P. Palmatier. 2,551,697, May 8.
System for testing cable repeater. L. M. Ilgenfritz and R. W. Ketchledge. 2,580,097, Dec. 25.
System for testing closed receptacles for leaks. P. Pearlman. 2,573,053, Oct. 30.
System for testing intermediate amplifiers. W. H. B. Cooper. 2,550,782, May 1.
System for the production and use of electric oscillations for control purposes. E. M. Jones and G. F. Williamson. 2,576,760, Nov. 27.
System for the reproduction of magnetic records. J. H. Perreau. 2,579,125, Dec. 18.
System for the transmission of telegraph signs on a radio path by means of a double wave. H. C. A. van Duuren. 2,552,126, May 8.
System for thyratron control. B. A. Knauth and P. H. Chin. 2,574,976, Nov. 13.
System of backup protection and carrier-current blocking for an electrical power system. A. J. McConnell. 2,548,612, Apr. 10.
System of blade cooling and power supply for gas turbines. S. A. Kane. 2,536,062, Jan. 2.
System of current control for plural translating devices. G. J. Lexa. 2,543,114, Feb. 27.
System of determining the listening habits of wave signal receiver users. S. A. Scherbatskoy. 2,573,279, Oct. 30.
System of extracting, Continuous. F. C. Wedler. 2,544,816, Mar. 13.
System of freight loading and handling. L. N. Anderson. 2,575,326, Nov. 20.
System of fuelless refrigeration and heating for containers. V. Stark. 2,558,794, July 3.
System of getter protection in high vacuum tubes. E. Gabrielli. 2,536,879, Jan. 2.
System of modulated room and window heating. E. M. Callender. 2,557,906, June 19.
System of photoelectric exposure control. K. Rath. 2,573,729, Nov. 6.
System of position finding by electromagnetic waves. A. de Saint-Exupéry. 2,536,728, Jan. 2.
System of protection for power lines. C. Schindler. 2,563,136, Aug. 7.
System of seismic recording. J. E. Hawkins. 2,578,133, Dec. 11.
System of submarine sounding. R. Villem. 2,554,227, May 22.
System of therapeutic treatment. A. W. Schenker. 2,568,934, Sept. 25.
System to prevent accidental rerecording on a magnetic record. S. J. Begun. 2,538,892, Jan. 23.
T-square and drawing board. S. H. Weinberg, Jr. 2,549,403, Apr. 17.
T-square, Graduated. C. L. Combs. 2,548,350, Apr. 10.
T-square securing means. H. A. Chapin. 2,566,168, Aug. 28.
T-square securing means. H. A. Chapin. 2,574,463, Nov. 13.
Tab actuating mechanism. T. C. George. 2,557,426, June 19.
Tabernacle. J. F. Campbell. 2,558,898, July 3.
Table: *See*—

Adjustable bed table.
Adjustable height ironing table.
Adjustable reading table.
Cabinet table.
Carry case type folding table.
Center extension table.
Chart table.
Chiropractic adjustment table.
Collapsible ironing table.
Collapsible sectional top table.
Combination coffee and card table.
Drafting table.
Drop-leaf table.
Drop table.
Electrically heated table.
Embalming table.
Feed table.
Foldable portable chiropractor's table.
Foldable table.
Folding table.
Folding top extension table.
Glass-cutting table.
Graphic arts utility table.
Indexible table.
Ironing table.
Kitchen table.
Knockdown portable table.
Massage table.
Metal seamless tube table.
Metrographical table.
Multiuse folding table.
Reflector coffee table.
Rotary table.
Rotating pedestal table.
Sacroiliac spinal and visceral adjusting table.
Sick call table.
Slide lock table.
Stackable table.
Surgical table.
Television forum table.
Tiltable ball game table.
Tiltable table.
Ventilated table.
Vertically adjustable drop leaf table.
Vertically adjustable table.
Vertically collapsible table.
Warming table.
Writing table.

Table agglomeration concentration of ore. L. F. Hewett and C. E. Heinrichs. 2,536,286, Jan. 2.
Table and bench unit. W. G. Koenig. 2,561,703, July 24.
Table and benches, Folding dinette. J. M. Leonard. 2,559,021, July 3.
Table and box convertible structure. H. G. Conner. 2,553,082, May 15.
Table and cabinet, Combination. K. W. Murray. 2,566,954, Sept. 4.
Table and chair, Combined. A. A. Ditty, Sr. 2,551,999, May 8.
Table and chair for infants, Combined. J. A. Gustafson, C. J. Caligiuri, and J. J. Kumza. 2,544,080, Mar. 6.
Table and chair unit. D. L. Adsit. 2,570,301, Oct. 9.
Table and container therefor, Knockdown. J. C. La Rue. 2,565,032, Aug. 21.

Table and folding ironing board, Combined kitchen. P. P. Springer. 2,569,263, Sept. 25.
Table and ironing board, Combined. A. Sealy. 2,568,830, Sept. 25.
Table and ironing board, Convertible. T. D. Nestor. 2,554,446, May 22.
Table and rolls therefor, Vegetable cleaning. H. R. Hurdelbrink. 2,565,559, Aug. 28.
Table and seat structure. Folding. D. C. Price. 2,548,682, Apr. 10.
Table and seats, Combined. F. Giberson. 2,537,127, Jan. 9.
Table and shelves, Combination. G. W. McKay. 2,575,725, Nov. 20.
Table and support, Combination play. H. Pollack and D. Brand. 2,541,664, Feb. 13.
Table and swivel ironing board, Combination. L. J. Whitman. 2,552,473, May 8.
Table attachment, Adjustable. S. F. Webster. 2,580,144, Dec. 25.
Table construction, Vertically adjustable. B. Hoppe. 2,544,228–9, Mar. 6.
Table control for hydraulic machine tools. R. E. Herrstrum. 2,542,519, Feb. 20.
Table device, Colonic therapy. A. Touchberry. 2,564,135, Aug. 14.
Table for box lidding machines, Nailing. H. D. Benson. 2,573,826, Nov. 6.
Table for machine tools, Indexing. E. E. Opel. 2,557,837, June 19.
Table for machine tools, Work supporting. E. E. Hosea. 2,536,937, Jan. 2.
Table for moving patients, Hospital. J. S. M. Knox and W. B. Harrison, Jr. 2,542,963, Feb. 20.
Table for office appliances, Vertically adjustable. W. K. Gannett and G. M. Mast. 2,545,515, Mar. 20.
Table for rug sewing machines. C. S. Everett and J. H. Ellis. 2,542,126, Feb. 20.
Table for supporting a book facing downwardly, Bed. D. G. Webster. 2,546,283, Mar. 27.
Table for vehicle seats, Service. C. E. Long. 2,563,347, Aug. 7.
Table having extendible serving trays, Card. J. L. Reeves. 2,541,779, Feb. 13.
Table leg clamping bracket. D. F. White. 2,544,817, Mar. 13.
Table leg pivot and latch mechanism. E. A. Schaffer. 2,574,592, Nov. 13.
Table operating means for hearses, Releasable. G. L. Runkle. 2,573,496, Oct. 30.
Table or stool, Knockdown. L. Green. 2,546,439, Mar. 27.
Table-rail supporting bracket. J. Heaney. 2,539,781, Jan. 30.
Table sectional top, Folding extension. G. H. Harris and C. R. Riley. 2,536,366, Jan. 2.
Table top center section, Pedestal supported rotary. C. A. Bartschy. 2,570,634, Oct. 9.
Table top construction. F. H. McCormick. 2,568,243, Sept. 18.
Table top, Ironing. H. B. Fay. 2,550,051, Apr. 24.
Table-top member for kitchen units. G. L. C. Earle. 2,550,539, Apr. 24.
Table top structure, Tilting cantilever. A. J. Kizaur. 2,568,236, Sept. 18.
Table top, Supplemental collapsible. J. M. Kelleghan. 2,555,547, June 5.
Table top, Supplementary. A. Reisman. 2,556,943, June 12.
Table top, Two section folding cabinet. W. A. Snyder. 2,566,256, Aug. 28.
Tableware articles and resins used to produce same, Molded. A. A. Varela and R. J. Schupp. 2,579,985, Dec. 25.
Table with additive leaf, Extension. H. F. Lyon. 2,553,976, May 22.
Table with brake mechanism. Adjustable drafting. W. Pieper. 2,539,700, Jan. 30.
Table with crosslegs and braces, Folding. N. Krasney. 2,579,934, Dec. 25.
Table with crosslegs, Folding. H. T. Genge. 2,540,875, Feb. 6.
Table with detachable hinged supports, Center extension. W. M. Costanzo. 2,554,014, May 22.
Table with flexible top, Extension. A. Megiès. 2,536,511, Jan. 2.
Table with folding legs, Vertically adjustable. H. G. Larson. 2,574,924, Nov. 13.
Table with leg actuator, Folding. L. H. Wirsig. 2,550,179, Apr. 24.
Table with leg control linkage, Drop leaf. B. Hoppe. 2,579,076, Dec. 18.
Table with lock means for paired legs, Collapsible. B. F. Hamilton. 2,572,474, Oct. 23.
Table with pin and groove slides, Extension. A. De Gaal. 2,548,469, Apr. 10.
Table with pivoted drop leaf and folding base, Pedestal. H. E. English. 2,576,287, Nov. 27.
Table with pivoted feet, Folding. L. R. Shanks. 2,572,205, Oct. 23.
Table with reversible top mechanism, Pedestal. O. H. Hunter. 2,562,426, July 31.
Table with rotatable center, Serving. W. J. Waldon, Sr. 2,546,803, Mar. 27.
Table with storage receptacle, Knockdown pedestal. L. S. Baker. 2,568,534, Sept. 18.
Table with upright radiography, Combination X-ray and examination. N. C. Ostroff. 2,536,212, Jan. 2.
Tablet box. J. H. O'Neil. 2,579,954, Dec. 25.
Tablet counter. D. W. Jones. 2,553,095, May 15.
Tablet, Hand cleaning. C. L. Emerson, Jr., and W. R. Cuming. 2,560,097, July 10.
Tablets of sodium gentisate dihydrate, Preparing. W. M. Lauter and M. D. Brucar. 2,543,976, Mar. 6.
Tabulation mechanism for telegraph printers, Vertical. E. T. Baldwin. 2,571,182, Oct. 16.
Tabulation mechanism for telegraph printers, Vertical. M. T. Goetz. 2,554,903, May 29.
Tachometer arrangement for outboard motors. E. C. Kiekhaefer. 2,549,480, Apr. 17.
Tachometer, Electronic. L. E. Ellison and R. R. Proctor. 2,574,551, Nov. 13.
Tachometer, Rolling ball. C. H. Anderson, Jr. 2,551,717, May 8.
Tachometer, Telemetric. G. I. Kirkland and G. E. Waters. 2,541,422, Feb. 13.
Tachymetric sight. S. G. Isserstedt. 2,559,435, July 3.
Tack puller. F. J. Braga. 2,537,619, Jan. 9.
Tack strip. L. A. Marsden. 2,574,219, Nov. 6.
Tacker. K. F. Morberg. 2,548,736, Apr. 10.
Tacker. H. E. Smyth. 2,546,527, Mar. 27.
Tacking machine. A. J. Batten. 2,569,220, Sept. 25.
Tackless shoemaking. V. L. Kneeland. 2,574,485, Nov. 13.
Tackle box. R. L. Burden. 2,558,124, June 26.
Tackle box. L. Schaperkotter and G. W. Kline. 2,541,890, Feb. 13.
Tackle, Fishing. C. R. Carter. 2,553,895, May 22.
Tag. L. A. Heinle. 2,554,105, May 22.
Tag. M. L. Wall. 2,545,505, Mar. 20.
Tag and card holder. R. E. Frison. 2,548,104, Apr. 10.
Tag fastener. N. I. Fleischer and R. Holle. 2,542,128, Feb. 20.
Tag fastener. R. Holle. 2,546,303, Mar. 27.
Tag feeder. H. Jr., H. H. Zabel, and G. Harrison. 2,550,032, Apr. 24.
Tag forming tool. L. C. Hauer. 2,577,192, Dec. 4.
Tag holding means for laundry marking machines. P. N. Braun. 2,544,064, Mar. 6.
Tag, Identification. M. L. Duskin. 2,540,718, Feb. 6.
Tag, Luggage identification. H. Smith. 2,556,825, June 12.
Tag notching machine. A. R. Bone. 2,576,211, Nov. 27.
Tag, Poultry. F. G. Alonso. 2,563,572, Aug. 7.
Tagging device. V. G. Williams. 2,556,383, June 12.
Tagging machine. B. C. Golden. 2,537,342, Jan. 9.
Tail brace. A. H. Daniel. 2,574,172, Nov. 6.
Tail gate construction for station wagons. R. Kammeraad. 2,551,010, May 1.
Tail gate for truck bodies. E. T. Newell. 2,563,736, Aug. 7.
Tailgate release and automatic reset device, Electrically controlled. J. L. McClish. 2,552,442, May 8.
Tail-mounted jet propulsion unit for aircraft. B. Ljungström. 2,567,490, Sept. 11.
Tail pipe for jet engines, Variable area. H. A. Berliner. 2,546,293, Mar. 27.
Tail stock. A. Bassoff. 2,576,498, Nov. 27.
Tailstock carriage and clamping means. R. A. Lauterbur and C. S. Doll. 2,540,586, Feb. 6.
Tailstock for grinding machines. A. M. Drake. 2,556,577, June 12.
Tailstock, Hydraulically operated. R. Kurzweil and J. J. Pesqueira. 2,545,852, Mar. 20.
Tail wheel jack. S. R. Parker. 2,544,855, Mar. 13.
Tail wheel installation. F. N. Dickerman. 2,563,518, Aug. 7.
Tail winding device. H. J. McDermott. 2,570,469, Oct. 9.
Take-off of aircraft, Method and means for the. J. A. Troendlé. 2,577,385, Dec. 4.
Take-up apparatus. E. D. Hanson, G. E. Henning, and S. M. Martin. 2,546,636, Mar. 27.
Take-up apparatus. D. C. Robson. 2,546,637, Mar. 27.
Take-up device. W. H. Atkisson. 2,550,440, Apr. 24.
Take-up device. H. J. Stegeman. 2,560,310, July 10.
Take-up for sewing machines, Rotary. D. A. Graesser. 2,548,841, Apr. 10.
Take-up for sewing machines, Rotary. R. L. Hoffmeister. 2,554,144, May 22.
Take-up let-back mechanism for looms. E. Y. Sprouse. 2,551,910, May 8.
Take-up magazine for strip material. W. Bornemann and R. A. Gordon. 2,578,283, Dec. 11.
Take-up reel. F. H. H. Foss. 2,562,028, July 24.
Take-up reel for knitting machines and method of operation. F. W. Ruehling and H. E. Haehnel. 2,580,186, Dec. 25.
Talcum powder dispenser. J. E. Ross. 2,552,817, May 15.
Talking machine with record changer. R. Thorens and L. Thévenaz. 2,570,040, Oct. 2.
Tall oil, Making. R. W. Stephenson. 2,561,150, July 17.
Tall oil-melamine reaction product and process. P. C. Hamm. 2,577,418, Dec. 4.
Tall oil, Production of refined. H. Hasselstrom and M. Stoll. 2,575,013, Nov. 13.
Tall oil separation process. J. W. Davis and H. M. Spurlin. 2,558,543, June 26.
Tally device. M. Bristol. 2,555,781, June 5.
Tally device. M. Kirtogian. 2,541,423, Feb. 13.

Tamper for railroad tracks, Automatic. B. M. McCallum. 2,565,037, Aug. 21.
Tamper-resisting protective device. E. H. Taylor. 2,565,827, Aug. 28.
Tamper, Tobacco. L. W. Berchman. 2,542,110, Feb. 20.
Tamping machine, Ballast. F. H. Philbrick. 2,536,887, Jan. 2.
Tampon. H. C. Riordan. 2,553,382, May 15.
Tandem axle spring suspensions. Fred D. Bonnin. 2,571,412, Oct. 16.
Tandem axle vehicle. H. W. Jahn and E. H. Blank. 2,579,582, Dec. 25.
Tandem concrete mixer. W. O. Frohring. 2,562,310, July 31.
Tandem mandrel. J. Sunnen. 2,580,327, Dec. 25.
Tandem office for telephone systems, Crossbar. J. B. Newsom. 2,559,312, July 3.
Tandem rotor helicopter control. E. Daland. 2,555,577, June 5.
Tandem spring suspension unit. V. L. Frazier. 2,577,322, Dec. 4.
Tandem stabilizer system. W. N. Lundahl. 2,554,041, May 22.
Tandem-wheel shock absorbing aircraft landing gear. W. E. Eldred. 2,579,180, Dec. 18.
Tangent bender, Multiple. C. J. Bath. 2,552,616, May 15.
Tangent bender with flange turning device. C. J. Bath. 2,552,617, May 15.
Tangential acceleration gauge. T. M. Perry. 2,575,973, Nov. 20.
Tangential angle gauge. J. B. Wade. 2,546,532, Mar. 27.
Tangleproof twine dispenser. C. C. Rich. 2,580,129, Dec. 25.

Tank: *See*—

Anticorrosion tank.
Battery plate forming tank.
Corrosion-resistant storage tank.
Daylight loading developing tank.
Daylight loading roll film developing tank.
Deaerating tank.
Electrically heated water tank.
Elevated tank.
Emergency fuel tank.
Floating roof storage tank.
Floating roof tank.
Flush tank.
Fuel tank.
Hot-water tank.
Liquid storage tank.
Nestable fuel tank.
Porcelain enameled tank.
Progressive release jettison tank.
Refrigerated tank.
Roll film developing tank.
Saddle tank.
Sedimentation tank.
Self-regulating stock tank.
Settling tank.
Spiral track developing tank.
Storage tank.
Submerged oil storage tank.
Toy military tank.
Underground storage tank.
Wing-tip fuel tank.

Tank. A. I. Caquot. 2,562,602, July 31.
Tank and cabinet combined, Irrigation. O. L. Ladewig. 2,545,089, Mar. 13.
Tank and pump, Auxiliary fuel. R. D. Mayo. 2,548,987, Apr. 17.
Tank and seal mechanism, Liquid storage. L. A. Wilkin. 2,542,444, Feb. 20.
Tank assembly, Knockdown wash. P. K. Girton. 2,537,219, Jan. 9.
Tank attachment, Grain. C. C. Evers and R. D. Downing. 2,540,249, Feb. 6.
Tank bleeder. G. H. Ennis and W. W. Ennis. 2,573,172, Oct. 30.
Tank circuit apparatus. T. M. Ferrill, Jr. 2,549,789, Apr. 24.
Tank cleaner. H. F. Shoemaker. 2,570,603, Oct. 9.
Tank cleaner and oil treater. W. W. Phillips. 2,552,452, May 8.
Tank cleaning device, Float supported. G. M. Carr. 2,574,958, Nov. 13.
Tank construction for measuring and dispensing. F. Hague. 2,548,431, Apr. 10.
Tank construction, Septic. H. A. Van Orman and H. H. Hendon. 2,553,885, May 22.
Tank contents gauge indicating weight. C. A. de Giers and A. Wickesser. 2,551,791, May 8.
Tank cradle mounting. C. H. Folmsbee. 2,567,015, Sept. 4.
Tank filler pipe and closure. J. F. Kirkbride and P. C. Whitener. 2,570,818, Oct. 9.
Tank fitting. W. B. Crawford. 2,550,138, Apr. 24.
Tank for aircraft, Collapsible fuel. E. M. Scharenberg. 2,552,119, May 8.
Tank for crude oil, Settling. D. H. Lewis, A. H. Hall, and J. E. Green. 2,573,853, Nov. 6.
Tank for dental inlays, castings, and the like, Cleaning and annealing. B. Spier. 2,579,210, Dec. 18.
Tank for roll film, Daylight developing. L. H. Harrison. 2,546,598, Mar. 27.
Tank for supporting offshore structures, Submersible. H. C. Rutledge and R. M. Adler. 2,579,703, Dec. 25.
Tank for use in impregnating wood. G. H. Bonnell, A. J. Bailey, and G. G. Garlick. 2,578,039, Dec. 11.
Tank forming means, Septic. P. V. Hayes. 2,539,741, Jan. 30.
Tank hanger. W. J. Masoner. 2,579,240, Dec. 18.
Tank incorporating additional wing area, Droppable wing. A. E. Ostroff. 2,537,369, Jan. 9.
Tank marker, Liquid. C. C. Criss. 2,576,577, Nov. 27.
Tank or container for storing low-temperature liquefied gases, Double walled insulated. J. O. Jackson. 2,563,118, Aug. 7.
Tank plug. H. A. Maguire. 2,577,586, Dec. 4.
Tank protective device, Automatic oil. F. J. Lee. 2,545,154, Mar. 13.
Tank safety means, Liquefied fuel. P. Woog. 2,543,653, Feb. 27.
Tank seam. T. Schmidt. 2,566,777, Sept. 4.
Tank supporting cradle device. R. M. Wilson. 2,549,554, Apr. 17.
Tank truck assembly of detachable wheel supported units. K. W. Birkin. 2,540,859, Feb. 6.
Tank type suction cleaner. R. C. Osborn. 2,553,424, May 15.
Tank unit. E. C. Bowar. 2,560,757, July 17.
Tank unloading device, Emergency. J. L. Creed. 2,550,187, Apr. 24.
Tank vessel having separable tanks, Cargo-type. R. V. Phelps. 2,537,085, Jan. 9.
Tank with content indicator, Balancing. A. N. Kerr. 2,575,110, Nov. 13.
Tank with flexible diaphragm and spiral internal discharge channel. J. B. Kimball. 2,542,929, Feb. 20.
Tanks adapted to contain liquids or gases. A. I. Caquot and L. J. Dubois. 2,562,601, July 31.
Tanks, ducts, and controls for the same, Solid contact. F. D. Prager and R. Welter. 2,570,590, Oct. 9.
Tanning agents and preparing them. C. N. J. Thomsen. 2,579,216, Dec. 18.
Tanning of hides and skins with formals. R. C. Putnam. 2,577,033, Dec. 4.
Tanning proteinaceous fibers with a mixture of an aldehyde and a polyhydric phenol in a molecular ratio of at least 2 to 1. W. Windus. 2,552,130, May 8.
Tanning substances, Manufacture of. M. Mangold and F. Neuber. 2,559,305, July 3.
Tanning with a free aldehyde and a free polyhydric phenol mixture in a molecular ratio of at least 2 to 1. W. Windus. 2,552,129, May 8.
Tap, Collapsible. D. E. Youtz. 2,564,827, Aug. 21.
Tap for drums. C. W. Paulsen. 2,557,461, June 19.
Tap guide. R. E. Ashton. 2,554,770, May 29.
Tap root cutter. B. Lindner. 2,547,400, Apr. 3.
Tap T for bathtubs set back to back, Dual. W. J. Collison. 2,570,525, Oct. 9.
Tappet adjusting tool. J. Hammond. 2,570,230, Oct. 9.
Tappet adjusting tool. E. Weglarz. 2,566,543, Sept. 4.
Tappet for internal-combustion engines, Self-adjusting. D. H. Pierce. 2,570,853–4, Oct. 9.
Tappet, Hydraulic. C. Voorhies. 2,539,877, Jan. 30.
Tappet, Rotary shaft driven. Q. J. Evans. 2,568,061, Sept. 18.
Tappet, Self-adjusting. G. H. Hufferd. 2,577,852, Dec. 11.
Tappet, Self-adjusting. H. J. Knaggs. 2,542,036, Feb. 20.
Tappet, Self-cleaning hydraulic. O. H. Banker. 2,541,953, Feb. 13.
Tappet, Self-contained hydraulic. C. W. Truxell, Jr. 2,547,798, Apr. 3.
Tappet wrench and feeler gauge, Combination. J. H. Horne. 2,578,975, Dec. 18.
Tapping device. C. E. Sprague. 2,551,551, May 1.
Tapping device for liquid-containing vessels. G. Lamoureux. 2,545,620, Mar. 20.
Tapping head, Multiple. W. F. Schofield. 2,556,601, June 12.
Tapping machine. V. Brook. 2,560,081, July 10.
Tapping machine. E. B. Elder. 2,567,511, Sept. 11.
Tapping machine. M. H. Emrick. 2,578,995, Dec. 18.
Tapping unit having rapid traverse and controlled rate of feed. F. Koch. 2,579,081, Dec. 18.
Tape, Adhesive. D. McBurney and R. E. Thomas. 2,561,063, July 17.
Tape, Adhesive. A. B. Ness. 2,561,064, July 17.
Tape, Adhesive. M. L. Schechtman. 2,576,148, Nov. 27.
Tape, Adhesive laminated paper and box stay. J. E. Boulware. 2,575,257, Nov. 13.
Tape, Anchor. J. W. Higgins and J. A. Fried. 2,553,765, May 22.
Tape and the like, Measuring. J. B. Carroll. 2,559,111, July 3.
Tape antenna system. C. N. Ehrlich. 2,574,733, Nov. 13.
Tape applicator. K. R. Pangburn and E. T. Skomars. 2,560,241, July 10.
Tape applier, Gummed. W. G. Renne. 2,556,443, June 12.
Tape, Binding. D. J. Wall and G. F. Reinhard, Jr. 2,570,614, Oct. 9.
Tape dispenser. C. W. Double. 2,578,519, Dec. 11.
Tape dispenser. O. P. Erhardt. 2,547,569, Apr. 3.
Tape dispenser. D. Marinsky. 2,537,147, Jan. 9.
Tape dispenser. T. G. Schaible. 2,570,724, Oct. 9.
Tape dispenser. G. E. Staples. 2,540,697, Feb. 6.
Tape dispensing device. A. P. Krueger. 2,573,911–12, Nov. 6.
Tape-dispensing device. A. P. Krueger. 2,574,332, Nov. 6.
Tape-dispensing machine. O. P. Erhardt. 2,574,175, Nov. 6.
Tape-dispensing mechanism. O. P. Erhardt. 2,555,187, May 29.
Tape-dispensing machine. A. P. Krueger and O. P. Erhardt. 2,579,149, Dec. 18.

Tape feed suppression mechanism. E. F. Watson. 2,572,685, Oct. 23.
Tape feeding and severing mechanism for marking machines. P. N. Braun. 2,575,407, Nov. 20.
Tape feeding and storage device. W. J. Zenner. 2,569,364, Sept. 25.
Tape former apparatus. A. H. Harley. 2,578,473, Dec. 11.
Tape, Insulating. R. J. Oace, R. B. Snell, and E. E. Eastwold. 2,559,990, July 10.
Tape jump-gap device. L. H. Morin. 2,551,154, May 1.
Tape, Ladder. G. F. Brent. 2,577,227, Dec. 4.
Tape measure, Automatic. V. L. Snyder. 2,575,077, Nov. 13.
Tape, Measuring. L. L. Joseph. 2,549,098, Apr. 17.
Tape, Pressure-sensitive adhesive. E. O. Joesting. 2,567,671, Sept. 11.
Tape punching apparatus, Code. H. J. Rosenberger. 2,556,220, June 12.
Tape rewinding device and method. M. B. Andrews. 2,576,710, Nov. 27.
Tape runout control for magnetic recorders. B. E. Stone. 2,542,590, Feb. 20.
Tape severing machine. T. H. Krueger. 2,536,066, Jan. 2.
Tape storage mechanism. J. W. Schmied. 2,575,397, Nov. 20.
Tape, Tear. J. E. Snyder. 2,579,443, Dec. 18.
Tape, Utility. L. H. Coots. 2,563,674, Aug. 7.
Taper bearing race gauge. K. T. Snow. 2,551,471, May 1.
Taper tap. V. E. and H. K. Gleasman. 2,546,066, Mar. 20.
Tapered roller bearing. D. McNicoll. 2,545,969, Mar. 20.
Tapered rotor for unit bearing motors. L. W. Wightman. 2,575,153, Nov. 13.
Tapes and sheets with adhesive coatings on opposite sides thereof, Manufacture of. B. C. Marcin. 2,565,509, Aug. 28.
Tapes for controlling the operation of automatic dispensing mechanism, Preparing. H. R. Brand. 2,540,241, Feb. 6.
Taping machine, Box blank. C. D. Nitchie. 2,575,887, Nov. 20.
Taping machine, Box blank. K. Sieg. 2,540,694, Feb. 6.
Taping machine, Solenoid controlled. C. Hess. 2,564,901, Aug. 21.
Taping machine with steam moistener for the tape, Carton. A. F. Shields. 2,546,873, Mar. 27.
Target and light ray projector. M. H. Sparrow. 2,562,648, July 31.
Target-area-selection-type tube. J. A. Rajchman. 2,558,461, June 26.
Target assembly for cathode-ray tubes. G. Levy. 2,546,828, Mar. 27.
Target assembly for telebinocular instruments, Vision. H. S. Alexander. 2,567,502, Sept. 11.
Target, Automatic resetting. C. M. Foyst. 2,561,733, July 24.
Target, Bore sighting. J. Frans and J. Volk. 2,553,571, May 22.
Target detecting system. P. F. M. Gloess. 2,557,869, June 19.
Target, Electric. W. L. Becker. 2,556,057, June 5.
Target, Electrical indicating. F. E. McAvoy 2,576,960, Dec. 4.
Target for firearm practice. P. S. Lieberman. 2,547,478, Apr. 3.
Target game, Displaceable. H. F. Wheeler. 2,567,002, Sept. 4.
Target, Luminescent. A. O. Franz and L. E. Walkup. 2,568,279, Sept. 18.
Target operated taping machine. C. Hess. 2,574,181, Nov. 6.
Target, Rifle. P. Fedrowich. 2,567,557, Sept. 11.
Target, Surveying. R. D. Bergman. 2,579,644, Dec. 25.
Target, Surveying. Z. Kowalczyk. 2,570,458, Oct. 9.
Target with envelope, Magnetic. I. H. Fishlove. 2,562,089, July 24.
Target with irregular motion. E. G. Henry. 2,572,146, Oct. 23.
Target with moving member, Dart. J. T. Neininger. 2,563,057, Aug. 7.
Tariff drill. N. S. Welk. 2,569,210, Sept. 25.
Tarpaulin. H. F. and F. W. Wenzel. 2,562,005, July 24.
Tatting accessory. L. B. Palmer. 2,541,606, Feb. 13.
Taxi dispatch board. H. A. Jones. 2,536,290, Jan. 2.
Tea bag. B. B. Gunnar. 2,562,456, July 31.
Tea sirup and making same. M. Lindsey. 2,559,194, July 3.
Teaching device. B. J. Hawkins. 2,539,077, Jan. 23.
Tear-off cap. M. M. Kline. 2,563,176, Aug. 7.
Tear-tape construction, Producing. L. J. Von Gunten. 2,554,160, May 22.
Teat cup liner for milking machines. F. E. Richwine 2,574,063, Nov. 6.
Tedder for peanut harvesters, Rotary. A. D. Hatton. 2,539,834, Jan. 30.
Tee holder attachment for golf bags. V. M. Brooks. 2,564,955, Aug. 21.
Teething aid. P. C. Cameron. 2,566,595, Sept. 4.
Telautograph system. R. F. Wild. 2,557,329, June 19.
Telautographic instrument. G. W. Barnes, Jr., R. M. Johnson, and W. P. Wills. 2,566,546, Sept. 4.
Telecommunication system. G. Deakin. 2,542,999, Feb. 27.
Telecommunication system. M. Den Hertog. 2,557,638, June 19.
Telegauge, Liquid level. J. A. Good. 2,573,006, Oct. 30.
Telegraph apparatus, Keyboard controlled. A. A. Kirchel. 2,559,637, July 10.
Telegraph apparatus, Printing. J. Estoup. 2,539,509, Jan. 30.
Telegraph apparatus, Printing. W. J. Zenner. 2,555,622, June 5.
Telegraph converter system and apparatus. L. M. Potts. 2,565,267, Aug. 21.
Telegraph converter system and apparatus. L. M. Potts. 2,579,612, Dec. 25.
Telegraph hub circuit repeater. W. T. Rea. 2,539,551, Jan. 30.
Telegraph hub repeater. W. T. Rea. 2,539,550, Jan. 30.
Telegraph key. H. J. H. Wassell. 2,548,835, Apr. 10.
Telegraph mark-hold circuit. R. A. Vanderlippe. 2,554,847, May 29.
Telegraph receiver, Printing. R. D. Salmon. 2,558,003, June 26.
Telegraph receiving circuit. P. R. Adams. 2,552,362, May 8.
Telegraph relay. V. J. Terry. 2,579,523, Dec. 25.
Telegraph repeater. D. W. Gilbo. 2,547,575, Apr. 3.
Telegraph repeater, Electronic hub type. W. T. Rea. 2,558,197, June 26.
Telegraph signal biasing set. W. B. Martin. 2,568,019, Sept. 18.
Telegraph switching system. W. B. Blanton and G. G. Light. 2,575,329, Nov. 20.
Telegraph system. E. Gretener. 2,548,720, Apr. 10.
Telegraph system. E. E. Kleinschmidt. 2,573,718, Nov. 6.
Telegraph system. P. Y. M. Le Calvez. 2,566,218, Aug. 28.
Telegraph system, Carrier. J. E. Boughtwood and A. E. Michon. 2,573,392, Oct. 30.
Telegraph system, Printing. R. G. Griffith. 2,575,268, Nov. 13.
Telegraph system, Two-wire double commutation. F. H. Fay. 2,569,926, Oct. 2.
Telegraph system using frequency discrimination, Multiplex. G. R. Clark. 2,538,829, Jan. 23.
Telegraph system with an answer-back signal transmitter. J. Estoup. 2,550,541, Apr. 24.
Telegraph system, Writing. A. Levin. 2,565,612, Aug. 28.
Telegraphic selecting apparatus. W. J. Zenner. 2,568,264, Sept. 18.
Telemetering. R. B. Moran, Jr. 2,578,939, Dec. 18.
Telemetering system. L. E. Hayslett and F. M. Schmidt. 2,578,643, Dec. 11.
Telemetering system. W. D. Huston and J. M. Brady. 2,547,009, Apr. 3.
Telemetering system. O. H. Schmitt, W. E. Fromm, W. A. Fails, and I. L. Kasindorf. 2,556,556, June 12.
Telemetering system, Amplitude modulated. F. M. Schmidt. 2,564,928, Aug. 21.
Telemetering system, Stress. W. D. Macgeorge. 2,555,355, June 5.
Telemetric system. R. S. Butts. 2,548,345, Apr. 10.
Telemetric system. A. J. Hornfeck. 2,572,481, Oct. 23.
Telemetric system. C. R. McCauley. 2,568,348, Sept. 18.
Telephone and telegraph system, Combined. L. M. Potts. 2,557,392, June 19.
Telephone appliance. T. E. Neblett. 2,541,712, Feb. 13.
Telephone cabinet. S. M. Bruder. 2,558,536, June 26.
Telephone cabinet. R. H. Burrage. 2,547,808, Apr. 3.
Telephone dial lamp. O. A. Shann. 2,573,617, Oct. 30.
Telephone dial light attachment, Automatic. F. J. Shenk. 2,561,950, July 24.
Telephone exchange, Electronic. E. M. Deloraine and D. H. Ransom. Re. 23,363, May 8.
Telephone exchange system. E. Cohrt. 2,577,740, Dec. 11.
Telephone exchange system. G. Deakin. 2,567,190, Sept. 11.
Telephone finger wheel support. R. P. Arthur. 2,571,649, Oct. 16.
Telephone guard. F. F. Murray. 2,558,661, June 26.
Telephone handset guard. R. J. Hutson. 2,564,262, Aug. 14.
Telephone handset lock. I. L. Sumner. 2,547420, Apr. 3.
Telephone handset support. M. B. Szöke. 2,554,967, May 29.
Telephone identification circuit. R. P. Murphy. 2,550,585, Apr. 24.
Telephone index holder. H. Fisher. 2,553,853, May 22.
Telephone installation, Loud-speaker. P. Jeanlin. 2,545,466, Mar. 20.
Telephone installation, Two-way loud-speaker. P. Jeanlin. 2,545,467, Mar. 20.
Telephone installation using a single line. J. Levy. 2,545,478, Mar. 20.
Telephone intercept system. H. M. Bruckart. 2,542,749, Feb. 20.
Telephone intercommunication system, Loud-speaker. J. Lévy. 2,545,476, Mar. 20.
Telephone line marking system. W. T. Powell. 2,555,245, May 29.
Telephone metering system. H. L. Horwitz. 2,567,209, Sept. 11.
Telephone mounting. E. E. Mott. 2,578,367, Dec. 11.

Telephone office without three cords, Trunk. A. J. Henquet and M. R. Mauge. 2,577,759, Dec. 11.
Telephone pad attachment. H. Sherman. 2,567,449, Sept. 11
Telephone, Portable radio. R. H. Rines. 2,539,477, Jan. 30.
Telephone receiver, Electrodynamic. C. S. Andersen. 2,537,253, Jan. 9.
Telephone receiver rest with attachment for holding receiver switches. L. P. and R. E. Langis. 2,551,141, May 1.
Telephone ringing generator. A. P. Duron. 2,557,953, June 26.
Telephone selective switching system, Automatic. F. H. Bray, L. R. Brown, and D. S. Ridler. 2,576,097, Nov. 27.
Telephone set hook-switch apparatus. J. F. Houdek, Jr. 2,548,723, Apr. 10.
Telephone set, Key equipped. J. M. Melick. 2,572,503, Oct. 23.
Telephone set, Loud-speaking. R. K. Potter. 2,568,823, Sept. 25.
Telephone set shoulder clamp. M. Paul. 2,552,906, May 15.
Telephone set supports, Head. J. F. Dalton. 2,576,447, Nov. 27.
Telephone shell and signal light. M. K. Laporte. 2,572,814, Oct. 23.
Telephone signaling system, Key-sending automatic. K. A. Lundkvist. 2,554,201, May 22.
Telephone station selector set for transmitting station numbers, Automatic. P. Kaelin. 2,537,188, Jan. 9.
Telephone subset. E. S. McLarn. 2,559,651, July 10.
Telephone substation apparatus. J. M. Hayward, C. A. Johnson, Jr., and W. R. Neisser. 2,553,255, May 15.
Telephone substation apparatus. C. A. Johnson, Jr. and C. L. Krumreich. 2,544,325, Mar. 6.
Telephone substation apparatus. T. E. Neblett. 2,562,732, July 31.
Telephone substation having hearing aid facilities. A. B. Desnoes. 2,546,334, Mar. 27.
Telephone support. S. B. Ross. 2,552,590, May 15.
Telephone supporting stand. M. Mitnick. 2,541,270, Feb. 13.
Telephone switching mechanism, Automatic. H. P. Boswau. 2,573,889, Nov. 6.
Telephone system. R. W. Jones. 2,552,792, May 15.
Telephone system. C. E. Lomax and H. Sengebusch. 2,542,283, Feb. 20.
Telephone system. J. Wicks. 2,574,454, Nov. 6.
Telephone system. J. Wicks and O. D. Grandstaff. 2,566,010, Aug. 28.
Telephone system, Automatic. R. W. Jones. 2,562,555, July 31.
Telephone system, Automatic. F. A. Morris. 2,567,650, Sept. 11.
Telephone system, Automatic. W. T. Powell. 2,543,534, Feb. 27.
Telephone system, Automatic. W. T. Powell. 2,562,123, July 24.
Telephone system, Automatic. K. R. Yates. 2,542,954, Feb. 20.
Telephone system, Automatic all-relay. J. H. Voss. 2,568,101, Sept. 18.
Telephone system, Automatic director. I. Molnar. 2,554,115, May 22.
Telephone system, Automatic measured service. C. E. Lomax. 2,577,688, Dec. 4.
Telephone system auxiliary line finder arrangement, Automatic. O. C. Hall. 2,568,804, Sept. 25.
Telephone system, Call data recording automatic. T. L. Dimond and C. A. Wingardner. 2,577,609, Dec. 4.
Telephone system, Carrier current. I. Molnar. 2,559,165, July 3.
Telephone system employing finder switches for connecting calling lines to numerical switches, Automatic. I. Molnar. 2,557,388, June 19.
Telephone system employing nonnumerical switches for extending calling lines to numerical switches or to operator-controlled switchboard. R. W. Jones. 2,557,382, June 19.
Telephone system for automatic answering, recording messages, and recording normal conversations. A. Jordanoff and N. Robin. 2,539,139, Jan. 23.
Telephone system having connections to one and two digit trunks, All relay private automatic. J. H. Voss. 2,574,943, Nov. 13.
Telephone system having repeater insertion on long distance lines. R. F. Stehlik. 2,564,084, Aug. 14.
Telephone system having twelve lines grouped in three groups of four each, All-relay. R. W. Jones. 2,572,266, Oct. 23.
Telephone system, Intercepting and verifying toll switching. H. W. Balzer. 2,579,722, Dec. 25.
Telephone system, Intercommunication. F. Ivens. 2,567,484, Sept. 11.
Telephone system, Interexchange switching. J. Wicks. 2,566,009, Aug. 28.
Telephone system involving separate operator and subscriber register sender apparatus, Automatic. H. M. Balzer and J. E. Ostline. 2,569,650, Oct. 2.
Telephone system, Measured service. C. E. Lomax. 2,546,605, Mar. 27.
Telephone system, Multiexchange automatic. P. Bakker. 2,548,191, Apr. 10.
Telephone system, Party line. T. W. Elliott. 2,551,588, May 8.
Telephone system, Private branch exchange. L. J. Bowne. 2,572,104, Oct. 23.
Telephone system, Private branch exchange. W. A. Malthaner. 2,572,740, Oct. 23.
Telephone system, Relay automatic. J. H. Voss. 2,546,080, Mar. 20.
Telephone system requiring different types of pulses. B. McKim and W. B. Strickler. 2,564,441, Aug. 14.
Telephone system, Restricted service automatic. J. Wicks. 2,544,944, Mar. 13.
Telephone system test circuits extending over two selection stages. K. G. Johnson. 2,566,063, Aug. 28.
Telephone system, Time division multiplex. L. Espenschied. 2,541,348, Feb. 13.
Telephone system, Toll switching. H. W. Balzer. 2,550,755, May 1.
Telephone system-trunk selection, Automatic. J. H. Voss. 2,541,624, Feb. 13.
Telephone system with party lines. H. L. Lesigne. 2,540,896, Feb. 6.
Telephone terminal equipment. H. Jefferson. 2,568,397, Sept. 18.
Telephone test selector. F. Kessler. 2,564,013, Aug. 14.
Telephonic unit, Magnetic sound-powered. I. Heller. 2,536,179, Jan. 2.
Telephoto objective having a high-index positive front lens element, Reversed. K. Tolle. 2,548,569, Apr. 10.
Telephoto objectives corrected for distortion. W. Schade and W. H. Van Graafeiland. 2,541,485, Feb. 13.
Telephoto type objective lens. J. G. Baker. 2,576,436, Nov. 27.
Telephotograph system, including a pilot gain control channel. W. A. Phelps. 2,554,153, May 22.
Teleprogramme on automatic telephone circuits. C. M. Theillaumas. 2,549,861, Apr. 24.
Telescope for aligning lenses, jigs, and the like. P. L. Pryor. 2,577,807, Dec. 11.
Telescope for guns, Panoramic. L. A. Riggs. 2,557,205, June 19.
Telescope gun sight mounting. P. S. Williams. 2,545,419, Mar. 13.
Telescope mount. J. L. Fluty. 2,555,030, May 29.
Telescope mount for rifles. J. C. Lebherz. 2,563,849, Aug. 14.
Telescope optical system for stabilizing observed images. M. G. Martling. 2,564,704, Aug. 21.
Telescope, Reflecting. P. H. Taylor. 2,558,593, June 26.
Telescope sight. E. W. Bullard. 2,580,280, Dec. 25.
Telescope sight and reticule and cam adjusting means therefor. M. Leupold. 2,539,256, Jan. 23.
Telescope sight mount. K. E. Clark. 2,556,903, June 12.
Telescope sight mount, Detachable. D. J. Brookhyser. 2,539,008, Jan. 23.
Telescoped coupling. F. H. Drake. 2,555,846, June 5.
Telescopic device, Resilient. H. Shawbrook and A. E. Bingham. 2,560,005, July 10.
Telescopic shock absorbing strut. J. Mercier. 2,570,362, Oct. 9.
Telescopic sight. T. L. Ford. 2,578,130, Dec. 11.
Telescopic sight mount. F. A. Pachmayr and R. H. Stokes. 2,571,935, Oct. 16.
Telescopic sight mount. E. E. Willis and M. S. Hewins. 2,567,535, Sept. 11.
Telescopic tube locking means. H. J. Waechter. 2,542,867, Feb. 20.
Telescoping tail pipe. J. H. and R. H. Hart. 2,575,105, Nov. 13.
Telescoping tower. P. B. Craighead and G. H. Nelson. 2,576,389, Nov. 27.
Television and like apparatus. P. R. J. Court. 2,553,360, May 15.
Television and photography system for race tracks. M. O. Miller. 2,538,910, Jan. 23.
Television and radio distribution system. J. L. Potter. 2,578,836, Dec. 18.
Television and sound system, Combined. S. R. R. Kharbanda. 2,550,821, May 1.
Television antenna bracket. F. E. and R. A. Dudley. 2,543,900, Mar. 6.
Television antenna system. L. H. Finneburgh, Jr. 2,566,287, Aug. 28.
Television apparatus. D. J. Sweeney. 2,543,136, Feb. 27.
Television camera focusing mechanism. D. Jackson and J. D. F. Green. 2,572,729, Oct. 23.
Television, Coin-controlled. I. Kornberg and A. Bloom. 2,570,821, Oct. 9.
Television, Color. J. M. Cage. 2,553,182, May 15.
Television, Color. P. C. Goldmark. 2,543,772, Mar. 6.
Television, Color. T. T. Harrington. 2,577,756, Dec. 11.
Television, Color. S. J. Koch and R. E. Rutherford. 2,544,690, Mar. 13.
Television, Color. J. J. Reeves. 2,538,041, Jan. 16.
Television, Color. G. J. Siezen. 2,552,464, May 8.
Television color picture tube. A. Rose. 2,577,038, Dec. 4.
Television deflection power recovery circuit. A. A. Barco. 2,555,829–30, June 5.
Television deflection power recovery circuit. S. J. Tourshou. 2,555,831, June 5.

Television distribution system. W. S. Halstead. 2,559,613, July 10.
Television forum table. D. Golenpaul. 2,542,662, Feb. 20.
Television image and pickup tube. A. Rose. 2,540,632, Feb. 6.
Television image superimposition. D. P. Perry. 2,568,166, Sept. 18.
Television inspection system. A. N. Goldsmith. 2,561,197, July 17.
Television intercommunication system. C. S. Szegho and T. G. Polanyi. 2,537,173, Jan. 9.
Television noise measuring technique and apparatus. D. K. Gannett. 2,578,348, Dec. 11.
Television pickup system, Color. R. D. Kell. 2,545,957, Mar. 20.
Television pickup tube. P. K. Weimer. 2,545,982, Mar. 20.
Television projection system, Schmidt. I. G. Maloff. 2,545,524, Mar. 20.
Television pulse and sound separator. L. W. Parker. 2,539,465, Jan. 30.
Television receiver. A. Cotsworth, III. 2,573,248, Oct. 30.
Television receiver. L. F. Mayle. 2,543,037, Feb. 27.
Television receiver background control circuit. A. V. Loughren. 2,548,436, Apr. 10.
Television receiver blanking circuit. B. M. Oliver. 2,560,815, July 17.
Television receiver cabinet construction. G. W. Bill. 2,562,257, July 31.
Television receiver chassis construction. F. L. Wedig. 2,570,017, Oct. 2.
Television receiver, Coded-sound. G. O. Striker. 2,551,068, May 1.
Television receiver, Color. G. L. Fredendall. 2,558,351, June 26.
Television receiver, Color. P. K. Weimer. 2,545,325, Mar. 13.
Television receiver contrast and brightness control. H. B. S. Brabham. 2,550,960, May 1.
Television receiver screen and similar systems. P. M. G. Toulon. 2,556,858, June 12.
Television receiver, Subscription-type. J. E. Brown. 2,567,545, Sept. 11.
Television receiver synchronizing systems. P. E. Reeves. 2,563,487, Aug. 7.
Television receiving system, Color. G. C. Sziklai. 2,545,420, Mar. 13.
Television reporting system J. D. Davis. 2,567,189, Sept. 11.
Television signal mixing circuit. V. J. Duke. 2,568,541, Sept. 18.
Television signal monitoring equipment. T. J. Buzalski. 2,538,503, Jan. 16.
Television, Simultaneous color. R. D. Kell and G. C. Sziklai. 2,560,351, July 10.
Television, Simultaneous multicolor. A. V. Bedford. 2,554,693, May 29.
Television synchronizing apparatus. A. V. Bedford. 2,551,785, May 8.
Television synchronizing circuit. R. W. Sanders. 2,571,168, Oct. 16.
Television synchronizing signal generator. J. H. Mulligan, Jr., and A. J. Talamini, Jr. 2,556,933, June 12.
Television synchronizing system. P. K. Chatterjea and L. W. Houghton. 2,546,972, Apr. 3.
Television system. A. V. Bedford. 2,559,843, July 10.
Television system. R. D. Kell. 2,559,078, July 3.
Televison system. M. Ponte. 2,577,628, Dec. 4.
Television system. O. H. Schade. 2,570,723, Oct. 9.
Television system. G. C. Sziklai. 2,573,777, Nov. 6.
Television system. N. H. Young, Jr. 2,538,071, Jan. 16.
Television system, Color. A. N. Goldsmith. 2,560,168, July 10.
Television system, Color. M. V. Kalfaian. 2,558,489, June 26.
Television system, Color. G. C. Sziklai and M. Rosenberg. 2,548,829, Apr. 10.
Television system, Hotel. W. J. Oestreicher, S. Lidz, and S. Jacobson. 2,570,475, Oct. 9.
Television system, Stereoscopic. A. M. Goldsmith. 2,578,298, Dec. 11.
Television system, Subscriber. N. W. Aram. 2,567,539, Sept. 11.
Television with scent effects. E. I. Stern. 2,540,144, Feb. 6.
Tellurian. H. M. Vanderhider. 2,544,057, Mar. 6.
Tellurian, Adjustable illuminated. D. Greenfield. 2,550,805, May 1.
Temperature actuated control. A. J. Huck. 2,570,453, Oct. 9.
Temperature and pressure responsive switch. M. R. Wall. 2,562,286, July 31.
Temperature change responsive means for controlling electric circuits. W. H. Ruffle. 2,574,419, Nov. 6.
Temperature compensated magnetic suspension. G. R. Sturtevant and F. H. Busch. 2,560,260, July 10.
Temperature compensated piezoelectric crystal holder. R. E. Franklin and W. A. Miller. 2,542,651, Feb. 20.
Temperature-compensated pressure-responsive diaphragm. E. A. Watson. 2,546,571, Mar. 27.
Temperature compensated resonant vibrating system. J. A. Ashworth and L. G. Bostwick. 2,579,289, Dec. 18.
Temperature compensating system for oscillators. J. A. Worcester, Jr. 2,539,218, Jan. 23.
Temperature compensation. R. W. Engstrom. 2,547,379, Apr. 3.
Temperature compensation means for magnetic field balances. R. Raspet. 2,550,719, May 1.
Temperature control and indicator. A. J. Huck. 2,541,359, Feb. 13.
Temperature control apparatus. C. A. Blakeslee. 2,566,053, Aug. 28.
Temperature control apparatus. G. T. Gaddis. 2,574,383, Nov. 6.
Temperature control apparatus. R. C. Main. 2,545,206, Mar. 13.
Temperature control apparatus. J. M. Wilson, S. W. Nickells, and M. R. Smith. 2,572,293, Oct. 23.
Temperature control device. S. D. Bradley. 2,549,569, Apr. 17.
Temperature control device. P. S. Martin. 2,554,370, May 22.
Temperature control device, Automatic. G. E. Buske. 2,539,724, Jan. 30.
Temperature control during exothermic reactions. W. E. Ross and E. B. Fountain. 2,570,487, Oct. 9.
Temperature control, Engine cooling. H. J. Findley. 2,551,662, May 8.
Temperature control for cooling internal-combustion engines. E. J. Sanders. 2,553,214, May 15.
Temperature control for driers, Automatic. F. W. Howland. 2,573,571, Oct. 30.
Temperature control for feeding cans. G. F. Jackson. 2,579,925, Dec. 25.
Temperature control for warming blankets. A. J. Huck. 2,549,095, Apr. 17.
Temperature control, Forehearth. J. S. Light. 2,539,145, Jan. 23.
Temperature control in regeneration of contact agents. J. W. Moorman and L. J. Kelly. 2,545,041, Mar. 13.
Temperature control, Lehr. A. H. Baker. 2,544,947, Mar. 13.
Temperature control mechanism. F. J. Cantalupo, E. P. De Craene, and R. P. Setka. 2,569,402, Sept. 25.
Temperature control mold. R. J. Miller. 2,536,692, Jan. 2.
Temperature control switch. D. I. Bohn. 2,571,822, Oct. 16.
Temperature control system. R. A. Gund. 2,545,353, Mar. 13.
Temperature control system. A. B. Newton. 2,555,990, June 5.
Temperature control system. R. M. Sills, Jr. 2,554,218, May 22.
Temperature control system. J. G. Ziegler. 2,556,955, June 12.
Temperature control system, Automatic. A. S. Fitz Gerald. 2,547,933, Apr. 10.
Temperature control system, Compensated. C. W. Klug. 2,548,983, Apr. 17.
Temperature control system, Dual range automatic. W. P. Lear. 2,539,089, Jan. 23.
Temperature control system for heating apparatus. C. K. Strobel. 2,575,078, Nov. 13.
Temperature control system with signal. C. H. Dicke. 2,548,424, Apr. 10.
Temperature control using a Wheatstone bridge, Programmed. D. L. Hall. 2,547,750, Apr. 3.
Temperature control using vacuum tube. K. J. Knudsen. 2,556,138, June 5.
Temperature control valve. D. M. Liebhart and P. S. Dunaway. 2,579,938, Dec. 25.
Temperature control with lag compensation. K. J. McLean. 2,564,120, Aug. 14.
Temperature controlled actuating mechanism. C. A. West. 2,547,800, Apr. 3.
Temperature controlled air throttling apparatus and controlling supply of air to internal-combustion engines. G. Steven and R. R. Fruehauf. 2,558,884, July 3.
Temperature controlled electric switch. A. Kaser. 2,540,337, Feb. 6.
Temperature controlled fluid flow regulator. W. D. Macgeorge. 2,558,708, June 26.
Temperature controlled latch. J. M. and O. T. Andersen, and H. M. Langdon. 2,540,082, Feb. 6.
Temperature controlled mixing valve. C. A. Brown. 2,542,273, Feb. 20.
Temperature controlled mixing valve. C. A. Brown. 2,550,907, May 1.
Temperature controlled mixing valve. C. R. Suska. 2,539,598, Jan. 30.
Temperature controller. W. J. Allan. 2,536,831, Jan. 2.
Temperature controller, Automatic fluid. A. P. Wianco. 2,553,027, May 15.
Temperature controlling valve. W. L. McGrath. 2,556,479, June 12.
Temperature device, Electric. T. Y. Korsgren. 2,543,177, Feb. 27.
Temperature device in jet pipe of combustion turbine, Circumferentially arranged. J. F. Alcock. 2,546,415, Mar. 27.
Temperature equalizing means for furnaces. C. F. Wetherbee. 2,580,259, Dec. 25.
Temperature fusible plug for spraying apparatus. F. W. Ofeldt. 2,573,983, Nov. 6.

Temperature indicating apparatus. A. L. Christenson and C. E. Jackson. 2,566,314, Sept. 4.
Temperature indicating device. W. C. Blinn and W. R. Bailey. 2,573,686, Nov. 6.
Temperature indicating system, Automatic. B. E. Sealander and R. S. Bergen. 2,565,271, Aug. 21.
Temperature indicating thermostatic switch. N. J. Smith. 2,565,890, Aug. 28.
Temperature-operated signal. H. G. Dugan. 2,553,814, May 22.
Temperature measuring apparatus. C. A. Dyer. 2,562,-538, July 31.
Temperature measuring device. D. F. Langenwalter. 2,575,922, Nov. 20.
Temperature-preserving article container. P. N. Fenske. 2,561,731, July 24.
Temperature probe. W. R. Polye. 2,579,271, Dec. 18.
Temperature regulating and control valve. T. S. Lindabury. 2,571,734, Oct. 16.
Temperature regulating device. V. Weber and W. S. Kunzler. 2,541,314. Feb. 13.
Temperature regulating system. B. G. Copping. 2,537,121, Jan. 9.
Temperature-responsive apparatus, Pneumatic. D. W. Moore, Jr. 2,549,623-5, Apr. 17.
Temperature-responsive apparatus, Pneumatic. D. W. Moore, Jr. and A. G. Nash. 2,549,622, Apr. 17.
Temperature responsive control apparatus. F. D. Joesting. 2,564,222, Aug. 14.
Temperature responsive control circuits. G. C. Crowley. 2,565,478, Aug. 28.
Temperature responsive control for fuel oil heaters. J. T. Voorheis. 2,557,327, June 19.
Temperature responsive coupling means for relatively rotatable conduit sections. G. A. Dean. 2,559,851, July 10.
Temperature responsive device. G. H. Cole, R. A. Hoel, H. E. Neuendorf, and C. L. Corneaby. 2,571,422, Oct. 16.
Temperature responsive devices, bimetallic coils for use therein, and blanks for making such coils. H. Schlaich. 2,572,059, Oct. 23.
Temperature responsive system. R. Amsler. 2,567,755, Sept. 11.
Temperature responsive system. R. Amsler. 2,567,756, Sept. 11.
Temperature responsive system. F. F. Offner. 2,573,596, Oct. 30.
Temperature-responsive system, Elastic-fluid. D. W. Moore, Jr. 2,549,621, Apr. 17.
Temperature-responsive system of the bridge circuit type. M. F. Peters. 2,571,605, Oct. 16.
Temperature sensitive device for ice bank controllers. C. A. Cobb. 2,561,437, July 24.
Temperature time integrator. J. W. Cole. 2,552,477, May 8.
Tempering wheat. B. R. Warner. 2,560,615, July 17.
Template. G. O. Conner. 2,548,197, Apr. 10.
Template and jig, Automatic. J. Hornik, Sr. 2,570,950, Oct. 9.
Template for marking switch and outlet box openings. N. T. Johnson and K. B. Allen. 2,540,032, Jan. 30.
Template for setting timbers for uniform nailing. R. E. Werder. 2,567,586, Sept. 11.
Template guided-cutter for shaping log ends. A. A. Buen. 2,558,036, June 26.
Template, Lipstick. E. C. Hess. 2,543,458, Feb. 27.
Temple for eyeglass frames, Interchangeable. W. A. Brown. 2,547,923, Apr. 10.
Temple for ophthalmic mountings. W. W. Coull. 2,557,414, June 19.
Temple for spectacle frames. S. E. Collinson. 2,538,830, Jan. 23.
Temple shaping tool. S. E. Collinson. 2,544,067, Mar. 6.
Temporary binder. H. S. Horn. 2,560,110, July 10.
Tenderization of meat. A. Harsham and F. E. Deatherage. 2,544,681, Mar. 13.
Tenderizing machine, Meat. W. F. Spang. 2,547,234, Apr. 3.
Tenderizing machine, Meat. W. F. Spang. 2,564,651, Aug. 14.
Tennis racket adapter. C. La Croix. 2,566,215, Aug. 28.
Tenoner. E. H. Bryant. 2,547,807. Apr. 3.
Tenoning and grooving attachment for shapers. M. J. Chandler. 2,554,730, May 29.
Tenoning machine. J. R. Beeson. 2,560,068, July 10.
Tens-carry mechanism for calculating machines. W. T. Gollwitzer. 2,555,740, June 5.
Tens transfer device in calculating mechanisms. J. Lydfors. 2,537,471, Jan. 9.
Tens transfer mechanisms for calculating machines. E. V. Nyberg. 2,536,512, Jan. 2.
Tensile grip. F. W. Wanzenberg. 2,537,322, Jan. 9.
Tensiometer. H. M. Brown. 2,564,150, Aug. 14.
Tensiometer. P. J. Campbell. 2,538,932, Jan. 23.
Tensiometer. J. J. Ryan, Jr. 2,559,800, July 10.
Tensiometer. F. M. Steadman. 2,563,881, Aug. 14.
Tensiometer, Deflection. I. S. Roberts. 2,570,486, Oct. 9.
Tension apparatus for loom warp yarns. T. J. Willis and W. A. Smith. 2,551,920, May 8
Tension control for hacksaw blades. W. B. Shortell. 2,539,796, Jan. 30.
Tension control for warp yarns. T. J. Willis and W. A. Smith. 2,571,510, Oct. 16.
Tension control system. M. Michel. 2,544,467, Mar. 6.
Tension device. L. Kahn. 2,553,374, May 15.
Tension device. S. C. Nelson. 2,556,290, June 12.
Tension device and winding system. H. J. McDermott. 2,556,285, June 12.
Tension regulation coil spring. W. K. and J. M. McInerney. 2,567,520, Sept. 11.
Tension pulley. P. G. Palmgren and A. S. Murray. 2,541,278, Feb. 13.
Tension shoe member for film sprockets. E. J. Wienke. 2,549,271, Apr. 17.
Tensioning device. K. C. Bugg. 2,552,086, May 8.
Tensioning drive device. J. Clayton. 2,545,193, Mar. 13.
Tensioning reinforcements. E. Freyssinet. 2,579,183, Dec. 18.
Tent. F. C., Jr., and J. J. Craighead. 2,567,697, Sept. 11.
Tent. J. H. Johnson. 2,540,529, Feb. 6.
Tent. N. Rosenfeld. 2,572,393, Oct. 23.
Tent construction. W. E. Trombley. 2,545,535, Mar. 20.
Tent, Dressing. H. W. Wright. 2,540,411, Feb. 6.
Tent, Explorer's folding. R. L. Blanchard. 2,543,684, Feb. 27.
Tent frame construction. J. R. Brown. 2,555,220, May 29.
Tentering or like machine for drying cloth or other material. J. Dungler. Re. 23,384, July 3.
Terephthalic acid, Preparation of. W. S. Emerson and T. C. Shafer. 2,572,710, Oct. 23.
Terephthalic acid, Preparation of. T. C. Shafer and R. I. Longley, Jr. 2,572,575, Oct. 23.
Terminal bank. W. F. Smith. 2,558,008, June 26.
Terminal block for electrolytic capacitors. P. M. Deeley. 2,569,925, Oct. 2.
Terminal bushing, Sealed. C. V. Fields. 2,550,112, Apr. 24.
Terminal connector. C. F. Vough and C. J. Lawson, Jr. 2,540,037, Jan. 30.
Terminal construction for fuses and the like. S. I. Lindell. 2,546,074, Mar. 20.
Terminal device for absorbing electromagnetic energy. O. E. Kienow. 2,567,379, Sept. 11.
Terminal, Electric. J. M. White. 2,536,862, Jan. 2.
Terminal, Electrical. E. G. Hingelberg. 2,547,866, Apr. 3.
Terminal for wristbands for watches. F. Jaccarino and A. Pinson. 2,576,684, Nov. 27.
Terminal for wristbands for watches. A. Pinson. 2,557,683, June 19.
Terminal having a resilient, wire engaging tongue. R. J. Kueck. 2,551,844, May 8.
Terminal having lever clamping means to secure a conductor thereto. W. Pahal. 2,572,753, Oct. 23.
Terminal plate, Color coded. A. P. Foster and J. L. Countryman. 2,546,854, Mar. 27.
Terminal, Sleeve type elbow. H. A. Elliott. 2,553,083, May 15.
Terminal socket electrical connector. J. H. Odenheimer. 2,578,448, Dec. 11.
Terminal structure for coil forms. A. Noyes, Jr. 2,559,988, July 10.
Terminal supporting interconnector, Adjustable. H. R. Harrison. 2,542,669, Feb. 20.
Terminal unit for rotary directional antennae, Lead-in. H. Brooks. 2,557,074, June 19.
Terminating a low temperature polymerization process. H. G. Schutze. 2,553,426, May 15.
Termination for telegraph lines. R. M. M. Oberman. 2,559,562, July 3.
Ternary interpolymers comprising acrylonitrile and fumaric acid. J. R. Caldwell. 2,541,011, Feb. 13.
Terpene addition compounds, Halogenated. L. A. Goldblatt and D. M. Oldroyd. 2,564,685, Aug. 21.
Terracing machine. R. Burchett. 2,542,474, Feb. 20.
Terracing machine. R. G. Gulick. 2,555,335, June 5.
Terrazzo strip. H. L. Fink. 2,574,553, Nov. 13.
Tertiary alkoxy amino silanes. G. W. Pedlow, Jr., and C. S. Miner, Jr. 2,566,363, Sept. 4.
Tertiary-alkoxy chlorosilanes. G. W. Pedlow, Jr., and C. S. Miner, Jr. 2,566,956, Sept. 4.
Tertiary-alkoxy chlorosilanes. G. W. Pedlow, Jr., and C. S. Miner, Jr. 2,566,957, Sept. 4.
Tertiary-alkyl-substituted benzene carboxylic acids, Preparation of. G. W. Hearne, T. W. Evans, and V. W. Buls. 2,578,654, Dec. 18.
Tertiary-alkylsulfenyl thiocyanates. C. M. Himel and L. O. Edmonds. 2,572,565, Oct. 23.
Tertiary amines and obtaining the same. G. Rieveschl, Jr. and W. R. Coleman. 2,573,605, Oct. 30.
Tertiary-aminoalkyl-alpha-aryl-alpha-(4-quinolyl) acetates and amides and their preparation. A. R. Surrey and R. A. Cutler. 2,568,778, Sept. 25.
Tertiary-aminoalkyl esters and amides of 4-quinolylmercaptoalkanoic acids and their preparation. A. R. Surrey. 2,568,037, Sept. 18.
Tertiary aminoalkyl-iminodibenzyls. F. Haefliger and W. Schindler. 2,554,736, May 29.
Tertiary-aminoalkyl-tetrahydrocarbazoles. J. W. Cusic and C. A. Dornfeld. 2,541,211, Feb. 13.
Tertiary-amino-2-aryl-2-(4-quinolyl) alkane-nitriles and their preparation. A. R. Surrey and R. A. Cutler. 2,570,286, Oct. 9.
Tertiary diacyl amine insecticide. J. E. Kirby. 2,545,287, Mar. 13.

Tertiary diacyl amine insecticides. J. R. Johnson. 2,545,283, Mar. 13.
Tertiary - hydroxy - alkylamino - anthraquinones. R. S. Wilder. 2,563,144, Aug. 7.
Test adapter. J. W. Cook. 2,578,288, Dec. 11.
Test apparatus, Electrical. A. H. A. Wynn. 2,546,248, Mar. 27.
Testboard for telephone systems, Cordless key control. F. Kessler. 2,550,819, May 1.
Test insertion for the checking of the correct shape of the inner and outer treading area of footwear. V. Pelant. 2,574,056, Nov. 6.
Test-milking apparatus. E. Redin and H. Ryde. 2,572,518, Oct. 23.
Test prod, Flexible. V. E. Wattley. 2,549,731, Apr. 17.
Test set for radar apparatus. R. A. Rapuano. 2,549,385, Apr. 17.
Tester and analyzer, Electric range. A. Ringo. 2,567,859, Sept. 11.
Tester, Drill stem. L. Courter. 2,567,321, Sept. 11.
Tester for cameras, Flash bulb synchronization. J. E. Lovi and F. G. Hitzman. 2,543,860, Mar. 6.
Tester, Fuel pump. C. A. Odell. 2,566,742, Sept. 4.
Testing and adjusting device for internal-combustion engine ignition systems. E. A. Smith. 2,571,959, Oct. 16.
Testing and trouble eliminating appliance for ignition systems. G. Powasnik. 2,548,056, Apr. 10.
Testing apparatus. R. K. Bernhard. 2,542,227, Feb. 20.
Testing apparatus. L. Stanton. 2,576,892, Nov. 27.
Testing apparatus, Electrical. R. L. Dedman. 2,550,787, May 1.
Testing apparatus, Electrical. A. H. Lamb. 2,552,981, May 15.
Testing apparatus for fluid pipe systems. D. R. Cormany. 2,558,208, June 26.
Testing apparatus for gauge lines. J. F. Lee. 2,555,593, June 5.
Testing apparatus for indicating and recording elongation. R. Shearer. 2,560,135, July 10.
Testing apparatus for speed responsive instruments, etc. C. F. Duerr, Jr. 2,552,542, May 15.
Testing apparatus, Fuse. M. E. Brown, P. B. Wickham, C. J. Sterenberg, and S. A. Johnston. 2,553,436, May 15.
Testing apparatus, including means for indicating the type of trouble, Automatic line. F. Kessler. 2,550,820, May 1.
Testing apparatus, Piston ring. S. W. Sparrow. 2,558,226, June 26.
Testing apparatus, Television receiver. B. H. Baldridge. 2,559,388, July 3.
Testing automotive distributors. P. O. Stewart. 2,560,259, July 10.
Testing device. F. H. Jackson. 2,544,685, Mar. 13.
Testing device, Container. A. N. Kerr. 2,539,843, Jan. 30.
Testing device, Detonator. R. O. Beach. 2,543,754, Mar. 6.
Testing device, Detonator. R. S. Prescott. 2,543,803, Mar. 6.
Testing device for carburetor valves. A. Fegel. 2,569,299, Sept. 25.
Testing device for comparatively short tubes. A. T. Scheiwer. 2,579,972, Dec. 25.
Testing device for filamentary materials. J. B. Steiding. 2,537,170, Jan. 9.
Testing device, Resistance. E. H. Beach and M. T. Weiss. 2,536,022, Jan. 2.
Testing electrovibratory bodies. H. Ekstein. 2,542,275, Feb. 20.
Testing evacuated well pressure gauges. W. R. Postlewaite. 2,542,355, Feb. 20.
Testing fabrics, Method and apparatus for. H. Booth. 2,547,367, Apr. 3.
Testing for the presence of brine in wells. F. R. Holland. 2,576,718, Nov. 27.
Testing machine, Endurance. T. Melville. 2,557,449, June 19.
Testing machine for determining the mechanical behavior of metals under test. M. J. Manjoine and E. A. Davis. 2,545,482, Mar. 20.
Testing machine for washing machine wringers and the like. A. R. Oberwegner. 2,560,185, July 10.
Testing machine, Pressure operated rupture. R. E. Getchell. 2,557,184, June 19.
Testing machine, Spring. H. H. Clark. 2,559,400, July 3.
Testing machine, Thickness. J. Gogan. 2,567,333, Sept. 11.
Testing papers and the like, Method and apparatus for. N. Martinet. 2,568,199, Sept. 18.
Testing pectic substances. H. T. Leo and C. C. Taylor. 2,557,053, June 12.
Testing piezo-electric crystals, Method and apparatus for. W. M. Hoyt. 2,562,917, Aug. 7.
Testing pin hole detectors, Method and apparatus for. G. H. Rendel. 2,563,274, Aug. 7.
Testing repeaters in transmission systems by shunting out individual repeaters. O. B. Jacobs. 2,554,828, May 29.
Testing rotors. L. C. Packer and G. E. Monchamp. 2,568,406, Sept. 18.
Testing subterranean formations. B. W. Sewell. 2,545,975, Mar. 20.
Testing system employing test distributor switches and test connector switches. C. E. Lomax. 2,562,362, July 24.
Testing system, Radar equipment. V. C. Rideout. 2,549,131, Apr. 17.
Testing the bonding of bonded strain gauges, Method and apparatus for. L. D. Statham. 2,553,986, May 22.
Testing urine to determine pregnancy. R. M. Carson and R. R. Saeks. 2,564,247, Aug. 14.
Testing wax. K. A. Fischer. 2,562,902, Aug. 7.
Testing wound cores. H. F. Herbig and J. J. McManus. 2,579,493, Dec. 25.
Tetra-alkylmonothionopyrophosphate and preparation. G. M. Kosolapoff. 2,567,154, Sept. 4.
Tetra alkyl orthosilicate, Preparing. F. A. Smith. 2,569,784, Oct. 2.
Tetra allyl silane and polymers thereof. E. G. Rochow. 2,538,657, Jan. 16.
Tetrachloroadipic acid. A. J. Kolka and H. D. Orloff. 2,578,656, Dec. 18.
Tetrachlorodifluoroethane, Manufacture of. J. D. Calfee and L. B. Smith. 2,566,163, Aug. 28.
Tetrachloroethylene, Manufacture of. G. W. Warren. 2,577,388, Dec. 4.
Tetracyanoethyl benzoguanamine. W. D. Niederhauser. 2,577,477, Dec. 4.
Tetraethyl pyrophosphate, Manufacture of. J. S. Harris. 2,572,806, Oct. 23.
Tetraethyl pyrophosphate, Producing. G. M. Kosolapoff. 2,552,326, May 8.
Tetraethyl thiuram disulfide alcoholism treatment composition. E. Jacobsen and J. Hald. 2,567,814, Sept. 11.
Tetrahalomethylhexestrols and derivatives thereof. E. Kaiser. 2,568,809, Sept. 25.
Tetrahydrocaffeine and preparing same. F. K. Comte. 2,536,038, Jan. 2.
Tetrahydronaphthalene peroxide, Production of. R. Johnson. 2,568,639, Sept. 18.
Tetrahydronaphthols. J. H. Hunter and J. Korman. 2,553,532, May 15.
Tetrahydrophthalic anhydride resins. J. W. McCaslin and J. C. Hillyer. 2,560,119, July 10.
Tetrahydro pyran and furan derivatives and producing the same. J. W. Copenhaver. 2,561,307, July 17.
Tetrahydropyran-sulfide compounds. F. Kipnis. 2,562,042, July 24.
Tetrahydropyridines and manufacture. J. T. Plati and W. Wenner. 2,537,854, Jan. 9.
Tetrahydroquinoline derivatives, Basically substituted. F. Haefliger and W. Schindler. 2,554,737, May 29.
Tetrakisazo dyestuffs. W. Bossard and M. Reding. 2,553,033, May 15.
Tetranitrodiols and preparing same. H. Plaut. 2,544,103, Mar. 6.
Tetranuclear merocyanine sensitizing dyes from bithiazoles. L. C. Hensley. 2,553,503, May 15.
Tetrode keying system. T. A. Birckhead. 2,571,816, Oct. 16.
Tetrode with built-in capacitor, High-frequency. W. W. Eitel and J. A. McCullough. 2,569,847, Oct. 2.
Textile. R. R. Cone. 2,570,526, Oct. 9.
Textile apparatus. R. H. Baines, T. Eccles, and S. M. Fulton. 2,569,649, Oct. 2.
Textile apparatus. B. C. Gibbs. 2,557,185, June 19.
Textile cone. C. K. Dunlap. 2,569,094, Sept. 25.
Textile decorating. N. S. Cassel and A. T. Clifford. 2,579,793–4, Dec. 25.
Textile decorating. S. Lee. 2,558,053, June 26.
Textile fiber drafting element and making same. R. C. Treue. 2,576,980, Dec. 4.
Textile fiber working machine. E. H Rogers. 2,544,965, Mar. 13.
Textile fibers composed of casein, Manufacture of. A. Ferretti. 2,548,357, Apr. 10.
Textile guide ring. A. R. Benson. 2,557,591, June 19.
Textile handling. L. Spinelli. 2,570,877, Oct. 9.
Textile lubricant. G. W. Seymour and M. Duke. 2,575,399, Nov. 20.
Textile lubricants, Hydantoin derivative. H. Robinette, Jr. and C. R. Pacifico. 2,541,101, Feb. 13.
Textile materials, Production of. W. I. Taylor. 2,541,305, Feb. 13.
Textile oils. L. W. Sproule and T. W. Dixon. 2,565,403, Aug. 21.
Textile size containing polymethacrylic acid, a polymethacrylic acid salt, and a wetting agent. D. E. Strain. 2,566,149, Aug. 28.
Textile treating solutions and compositions containing same. F. W. Lane and W. L. Dills. 2,570,566, Oct. 9.
Textiles and methods and composition for producing same, Dyed. L. P. Hill. 2,540,048, Jan. 30.
Thallium salts in photographic color developers. J. E. Bates. 2,561,166, July 17.
Thallous compounds as rich mixture fuel additives. M. R. Barusch and G. H. Denison, Jr. 2,562,885, Aug. 7.
Theater chair. R. A. Chaillot. 2,579,795, Dec. 25.
Theater for golf, Sports. F. Hubbard. 2,550,480 Apr. 24.
Theft prevention device for tractor drawn trailers. R. E. Mack. 2,554,306, May 22.
Thenalmalononitriles. W. S. Emerson and T. M. Patrick, Jr. 2,572,709, Oct. 23.

Thenyl xanthates and trithiocarbonates. H. D. Norris. 2,552,055, May 8.
Theobromine alkaline earth metal levulinates. C. J. Kern and H. W. Del Vecchio. 2,562,865, July 31.
Therapeutic agent. S. M. Wade. 2,544,200–1, Mar. 6.
Therapeutic agent. S. M. Wade. 2,564,773, Aug. 21.
Therapeutic appliance, Surgical. E. Sokolik. 2,568,566, Sept. 18.
Therapeutic bath apparatus. K. Beyrodt. 2,555,726, June 5.
Therapeutic bath fluid circulating apparatus. G. A. Schroeter. 2,559,678, July 10.
Therapeutic compositions. C. P. Hegarty and W. F. Verwey. 2,544,630, Mar. 6.
Therapeutic compounds, Pyridine. H. M. Wuest. 2,553,993–4, May 22.
Therapeutic device. H. F. Argento. 2,567,757, Sept. 11.
Therapeutic device, Electrical. F. J. Hart. 2,545,087, Mar. 13.
Therapeutic product, Producing. V. Menkin. 2,575,763, Nov. 20.
Therapeutic substance, Preparation of. E. W. Cook, S. Kushner, and P. H. Moss. 2,552,478, May 8.
Therapeutic tablets, Oral. R. J. Hickey. 2,566,200, Aug. 28.
Therapeutic traction device. P. B. Terry, Jr. and H. R. Stodder. 2,573,162, Oct. 30.
Therapeutical device. N. J. Poux. 2,547,886, Apr. 3.
Therapeutical device. N. J. Poux. 2,562,121, July 24.
Thermal air-speed indicator. C. E. Hastings. 2,540,822, Feb. 6.
Thermal and auxiliary valve combination. G. E. Seldon. 2,571,625, Oct. 16.
Thermal compensation system. R. L. Downey. 2,568,435, Sept. 18.
Thermal control. A. J. Huck and C. D. Visos. 2,545,662, Mar. 20.
Thermal control for electrically heated appliances. T. F. Victory. 2,565,638, Aug. 28.
Thermal control means for induction motors. H. F. Clark. 2,573,404, Oct. 30.
Thermal converter. W. C. Downing, Jr., D. A. Eggleston, and J. M. Vanderleck. 2,577,111, Dec. 4.
Thermal cutoff for steam generators, Low-water. E. W. Henkel. 2,544,384, Mar. 6.
Thermal cutout switches. J. Marcoz. 2,577,425, Dec. 4.
Thermal defluorination of alkylated aromatic hydrocarbon mixtures. L. F. Brooke, J. B. Cull, and B. E. Berlenbach. 2,556,644, June 12.
Thermal deicing system for aircraft. B. L. Messinger and H. Drell. 2,563,054, Aug. 7.
Thermal electric switch. F. G. A. Haegele. 2,536,280, Jan. 2.
Thermal fixation of atmospheric nitrogen. F. Daniels. 2,548,002, Apr. 10.
Thermal fluid flow indicator. D. O. Nelson. 2,543,588, Feb. 27.
Thermal meter, including variable positioning means for active elements. A. J. Petzinger. 2,575,728, Nov. 20.
Thermal motor. C. S. Dayton. 2,539,185, Jan. 23.
Thermal process for producing pure tantalum and columbium compounds. D. Gardner. 2,556,912, June 12.
Thermal processing of food products. C. F. Martin and V. O. Wodicka. 2,578,437, Dec. 11.
Thermal receiver and producing same. W. H. Carter, Jr. 2,562,770, July 31.
Thermal shock drilling bit. R. H. Blood. 2,548,463, Apr. 10.
Thermal stabilization of polymeric methyl methacrylate. B. M. Marks. 2,565,141, Aug. 21.
Thermal switch. M. K. Parkhurst. 2,548,050, Apr. 10.
Thermal system. A. S. Wolfner. 2,548,508, Apr. 10.
Thermal valve-operator. W. A. Ray. 2,572,386, Oct. 23.
Thermally actuated pump. N. E. af Kleen. 2,553,817, May 22.
Thermally insulated container. I. S. Joseph. 2,538,524, Jan. 16.
Thermally operated electric switch. I. E. McCabe. 2,564,853, Aug. 21.
Thermic valve. F. J. Schweitzer, Jr. 2,556,557, June 12.
Thermionic cathode activation. R. Adler. 2,561,768, July 24.
Thermionic discharge device control. P. Godley, 2nd. 2,554,902, May 29.
Thermionic overvoltage protection circuit. W. R. Rambo. 2,548,818, Apr. 10.
Thermochemical metal removal method and apparatus. E. Meincke and J. Villoresi. 2,536,201, Jan. 2.
Thermochemically cutting metals. J. S. Sohn. 2,575,736, Nov. 20.
Thermochemically severing tubular metal members. J. L. Anderson. 2,556,786, June 12.
Thermocompressor. J. F. Plummer, Jr. 2,555,812, June 5.
Thermocontrol arrangement for electric circuits. E. A. Chandler. 2,557,727, June 19.
Thermocouple. W. A. Ray. 2,536,464, Jan. 2.
Thermocouple construction. L. Tingle. 2,556,238, June 12.
Thermocouple, Rate responsive. T. R. Harrison. 2,563,931, Aug. 14.
Thermocouple return bend and well. T. H. Knight. 2,560,455, July 10.
Thermocouple tube. A. J. Kling. 2,543,369, Feb. 27
Thermoelectric burner control system. R. Matthews. 2,578,194, Dec. 11.
Thermoelectric furnace. G. Mattox. 2,543,583, Feb. 27.
Thermoelectric motor. C. B. Guajardo. 2,555,882, June 5.
Thermoelectric radiation receiver. T. Volochine. 2,565,105, Aug. 21.
Thermoelectric switch. H. C. Hansen. 2,556,582, June 12.
Thermoelectric timer motor. J. C. Koonz. 2,572,162, Oct. 23.
Thermometer. G. E. Ford. 2,558,743, July 3.
Thermometer, Age compensated glass. L. C. Liberatore. 2,578,563, Dec. 11.
Thermometer and making the same, Expansion. L. J. Roth and A. J. Miller. 2,551,706, May 8.
Thermometer assembly. J. L. Chaney. 2,552,257, May 8.
Thermometer, Bimetallic. A. H. Lamb. 2,558,570, June 26.
Thermometer casing with thermometer illuminating means. S. M. Chomes. 2,554,854, May 29.
Thermometer construction. R. C. Wappner. 2,556,862, June 12.
Thermometer element, Resistance. V. S. Rutherford and A. J. Hornfeck. 2,540,963, Feb. 6.
Thermometer for fishermen. F. R. Steel. 2,570,879, Oct. 9.
Thermometer combined with spray head. R. Leopold and A. Breau. 2,579,150, Dec. 18.
Thermometer holder. J. A. Wildermuth. 2,537,612, Jan. 9.
Thermometer holder releasably attachable to bedposts. G. M. McCormick. 2,558,768, July 3.
Thermometer, Illuminated. K. W. Jackson. 2,556,394, June 12.
Thermometer, Maximum temperature registering. H. Engelhardt and E. Collins, III. 2,536,493, Jan. 2.
Thermometer, Recording. F. Munger. 2,538,029, Jan. 16.
Thermometer, Surface temperature. A. H. Lamb. 2,573,205, Oct. 30.
Thermometer, Thermocouple. T. Shedlovsky. 2,559,571, July 3.
Thermopile. F. Okolicsanyi. 2,543,331, Feb. 27.
Thermopile construction. A. H. Canada. 2,562,696, July 31.
Thermopile radiometer. J. T. Gier, L. M. K. Boelter, R. Bromberg, and E. R. Dempster. 2,580,293, Dec. 25.
Thermoplastic casting composition and employing same. G. D. Hiatt and H. N. Jarvis. 2,566,199, Aug. 28.
Thermoplastic cellular product, Making a shaped. F. E. Dulmage. 2,537,977, Jan. 16.
Thermoplastic material, Manufacturing. R. L. Moore. 2,554,150, May 22.
Thermoplastic material, Metallic. R. Sherman. 2,543,536, Feb. 27.
Thermoplastic materials, Surface finishing. R. D. Johnson. 2,551,005, May 1.
Thermoplastics, Tough, boardy. L. E. Daly. 2,541,748, Feb. 13.
Thermosetting compositions comprising aminoplast and chlorotriazines. H. J. West. 2,573,525, Oct. 30.
Thermosetting compositions comprising an aminoplast and alkyl amidines incorporated therein. H. P. Wohnsiedler and J. F. Blais. 2,550,746, May 1.
Thermosetting compositions comprising an aminoplast and alkyl cyclic amidines incorporated therein. H. P. Wohnsiedler and J. F. Blais. 2,550,747, May 1.
Thermosetting polyester compositions containing dihydroxy diphenyls. T. F. Anderson. 2,559,837, July 10.
Thermosetting polyester compositions containing thiophenols. T. F. Anderson. 2,559,838, July 10.
Thermosetting resins and molding compositions from wallaba resin, Manufacture of. H. R. Fleck and G. B. E. Schueler. 2,569,301, Sept. 25.
Thermostable polymeric vinylidene chloride composition. E. C. Britton and W. J. Le Fevre. 2,558,728, July 3.
Thermostat and like control instrument having single means for adjusting sensitivity and reversing action. O. Scharpf. 2,558,316, June 26.
Thermostat, Clock. C. G. Kronmiller. 2,558,617, June 26.
Thermostat control circuit. L. F. Bird. 2,556,957, June 12.
Thermostat control means for engine cooling systems. R. T. Marette. 2,578,141, Dec. 11.
Thermostat, Electric-iron. A. Bate. 2,537,808, Jan. 9.
Thermostat, Fluid expansion. R. Carlstedt. 2,570,098, Oct. 2
Thermostat for controlling temperature or rate of flow of fluids. W. W. Hamill. 2,565,425, Aug. 21.
Thermostat for waffle irons. A. J. Huck. 2,562,425, July 31.
Thermostat for water circulating systems. R. B. Head. 2,559,073, July 3.
Thermostat mounting assembly for hot-water heaters and the like. W. C. Wellman. 2,575,150, Nov. 13.
Thermostatic air control device for carburetors. G. E. Ingram. 2,578,553, Dec. 11.
Thermostatic control. W. W. Compton and P. A. Cooper. 2,566,655, Sept. 4.
Thermostatic control device. J. E. Woods. 2,544,208, Mar. 6.
Thermostatic control for chemical plants. W. L. Burns and A. C. Bureau. 2,565,350, Aug. 21.
Thermostatic control system for furnaces. R. L. Smith. 2,547,417, Apr. 3.

Thermostatic controlled pressure operated mixing faucet. E. N. Gillette. 2,578,796, Dec. 18.
Thermostatic device for controlling heating apparatus. J. Godefroy. 2,568,916, Sept. 25.
Thermostatic expansion valve. C. L. Aughey and L. V. McCarty. 2,547,070, Apr. 3.
Thermostatic expansion valve. F. Y. Carter. 2,548,866, Apr. 17.
Thermostatic expansion valve. E. J. Dillman. 2,539,062, Jan. 23.
Thermostatic device. W. A. Mudge. 2,578,197, Dec. 11.
Thermostatic diaphragm having straight-line characteristic. A. J. Hilgert. 2,565,847, Aug. 28.
Thermostatic fluid mixing valve. L. A. Kempton. 2,560,293, July 10.
Thermostatic gas cock, Safety pilot controlled. J. H. Grayson. 2,553,575, May 22.
Thermostatic limit switch. J. H. Hacker. 2,552,962, May 15.
Thermostatic overload relay. G. C. Armstrong, R. T. Basnett, and D. E. Beaver. 2,571,812, Oct. 16.
Thermostatic pressure regulator. F. B. Dempsey. 2,566,019, Aug. 28.
Thermostatic regulator valve. P. C. Matthiesen. 2,543,978, Mar. 6.
Thermostatic selective heating, cooling, and circulating interlocking control system. R. W. Olsen. 2,547,657, Apr. 3.
Thermostatic snap-action element. S. S. Adams. 2,562,685, July 31.
Thermostatic stoker control system. J. A. Deubel. 2,573,661, Oct. 30.
Thermostatic switch. E. Bletz. 2,557,810, June 19.
Thermostatic switch. J. D. Bolesky. 2,538,080, Jan. 16.
Thermostatic switch. F. L. Darling. 2,550,188, Apr. 24.
Thermostatic switch. F. M. Gates and H. W. Courtney. 2,538,512, Jan. 16.
Thermostatic switch. J. J. Grace. 2,537,582, Jan. 9.
Thermostatic switch. C. S. Mertler. 2,579,389, Dec. 18.
Thermostatic switch. J. W. Myers. 2,546,471, Mar. 27.
Thermostatic switch. L. M. Persons. 2,549,517, Apr. 17.
Thermostatic switch. H. A. Rike. 2,559,372, July 3.
Thermostatic switch. V. C. Shidler. 2,538,387, Jan. 16.
Thermostatic switch. E. J. Wentworth. 2,547,610, Apr. 3.
Thermostatic switch. W. A. Yonkers. 2,549,740, Apr. 17.
Thermostatic switch device, Temperature control. V. Weber and W. S. Kunzler. 2,564,868, Aug. 21.
Thermostatic valve. J. Vellinga. 2,569,359, Sept. 25.
Thermostatically controlled mixing valve. W. C. Kirk and M. K. Parkhurst. 2,550,069, Apr. 24.
Thermostatically controlled mixing valve. A. J. Zak. 2,565,290, Aug. 21.
Thermostatically controlled pressure regulating valve. C. B. Ives. 2,558,651, June 26.
Thermostatically controlled radiator valve. E. J. Zeitlin. 2,555,264, May 29.
Thermostatically controlled switch. M. L. Jeffrey. 2,542,415, Feb. 20.
Thermostatically controlled valve. W. A. Wilber. 2,538,221, Jan. 16.
Thermostatically controlled vaporizing fuel burner. H. S. Woodruff. 2,569,877, Oct. 2.
Thermostats, Anticipating. A. B. Cosgrave. 2,575,005, Nov. 13.
Thermotest cabinet. J. O. Garrison. 2,568,493, Sept. 18.
Thiazolone cyanine dyes and preparing the same. T. R. Thompson and L. C. Hensley. 2,536,986, Jan. 2.
Thickness gauge. V. K. Eder. 2,543,570, Feb. 27.
Thickness gauge. C. R. Wilson and E. Sheagren. 2,563,440, Aug. 7.
Thickness indicator. G. E. Lewis. 2,563,254, Aug. 7.
Thickness measurement. W. P. Mason. 2,538,114, Jan. 16.
Thienylalkyl esters. F. F. Blicke. 2,541,024, Feb. 13.
Thienyl-penicillins. O. K. Behrens, R. G. Jones, Q. F. Soper, and J. W. Corse. 2,562,411, July 31.
Thienylthiolesters in lubricating compositions. J. W. Brooks. 2,540,093, Feb. 6.
Thieving mechanism. J. S. Kulp. 2,554,832, May 29.
Thimble. C. Furedi. 2,536,979, Jan. 2.
Thimble guide valve. W. R. Parker. 2,576,965, Dec. 4.
Thimble, Micrometer. J. W. Parker. 2,563,061, Aug. 7.
Thin wires, Manufacturing. G. L. Schmidt. 2,570,869, Oct. 9.
Thioacetamides, Preparing substituted. H. G. Derbyshire. 2,536,977, Jan. 2.
Thioamides, Preparation of. G. Alliger. 2,560,046, July 10.
Thioamides, Preparation of. C. L. Levesque. 2,560,296, July 10.
Thioamides, Producing. J. Procházka. 2,539,325, Jan. 23.
Thiocarbamic acid derivatives of alkylenebis (cyclohexyl amine). W. Kirk, Jr. 2,561,208, July 17.
Thiocyanated derivative of tetrachlorobutane. H. L. Johnson and A. P. Stuart. 2,573,973, Nov. 6.
Thiocyanophenols. T. E. Robbins, Jr., and W. H. Hill. 2,562,948, Aug. 7.
Thio esters, Preparation of. T. F. Doumani and J. F. Cuneo. 2,550,141, Apr. 24.
Thioether esters, Preparation of. W. J. Croxall and J. O. Van Hook. 2,556,134, June 5.
Thioethers and thioketones of thiazolone cyanine dyes as dyestuff intermediates. T. R. Thompson. 2,536,987, Jan. 2.
Thionoimdazolidylethyl dithiocarbamates. W. J. Croxall and Chien-Pen Lo. 2,577,700, Dec. 4
Thiophene by-product tar and triglyceride oil reaction product. S. J. Lukasiewicz and A. N. Sachanen. 2,562,238, July 31.
Thiophene carbonitriles, Production of. W. I. Denton and R. B. Bishop. 2,551,572, May 8.
Thiophene carboxylic acids, Preparing. K. L. Kreuz. 2,552,978, May 15.
Thiophene chlorination with iodine catalyst. C. E. Johnson, H. C. Wohlers, and G. M. Wagner. 2,540,675, Feb. 6.
Thiophene compounds from a sulfur dioxide and hydrogen sulfide mixture, Production of. W. F. Sager. 2,570,722, Oct. 9.
Thiophene compounds from mono-olefins and hydrogen sulfide with alumina catalyst, Production of. W. G. Appleby and A. F. Sartor. 2,558,507, June 26.
Thiophene from diolefin and hydrogen sulfide, Production of. E. F. Wadley. 2,570,083, Oct. 2.
Thiophene preparation from alkane and sulfur dioxide. K. L. Kreuz. 2,557,665, June 19.
Thiophene preparation from alkene and sulfur dioxide. K. L. Kreuz. 2,557,666, June 19.
Thiophene preparation from hydrocarbon and sulfur dioxide. K. L. Kreuz. 2,557,664, June 19.
Thiophene preparation from hydrocarbons, alcohols, or monohalo hydrocarbons and sulfur dioxide. L. W. Devaney, J. T. Clarke, and C. H. Culnane. 2,558,716, July 3.
Thiophene preparation from hydrocarbons, alcohols, or monohalo hydrocarbons and sulfur dioxide. M. Neuhaus, R. E. Conary, and L. W. Devaney. 2,557,678, June 19.
Thiophene production from hydrogen sulfide and mono-olefin. W. G. Appleby and A. F. Sartor. 2,558,508, June 26.
Thiophene-sulfur monochloride synthetic resins. E. Koft, Jr. 2,552,796, May 15.
Thiophenethiols-phosphorus halide reaction products. J. W. Brooks. 2,571,333, Oct. 16.
Thiophenethiols-phosphorus halide reaction products in lubricating compositions. J. W. Brooks. 2,571,332, Oct. 16.
Thiophenols as selective herbicides. J. H. Standen and L. L. Baumgartner. 2,568,031, Sept. 18.
Thiophosphates. R. H. F. Manske, R. W. Beattie, and M. Kulka. 2,575,224, Nov. 13.
Thiophosphites, Production of. D. R. Stevens and R. S. Spindt. 2,542,370, Feb. 20.
Thiophosphoryl chloride, Preparation of. K. L. Godfrey. 2,547,158, Apr. 3.
Thiophosphoryl chloride, Preparation of. O. H. Johnson. 2,547,012, Apr. 3.
Thiopyruvic acids, Manufacturing substituted. J. G. Himbert and D. Libermann. 2,554,946, May 29.
Thiosilane synthetic lubricants. B. A. Orkin and F. P. Richter. 2,562,474, July 31.
Thiosterols, Preparing. J. Strating. 2,549,991, Apr. 24.
Thio-2-furamides. G. Alliger. 2,560,035, July 10.
Thiourea-aldehyde sealing agents and making the same. S. S. Kurtz, Jr., and J. S. Sweely. 2,559,162, July 3.
Thiourea compounds, Disubstituted. F. G. Hess. 2,561,510, July 24.
Thiourea-ketone complexes. L. C. Fetterly. 2,569,985, Oct. 2
Thiourea, Preparation of. R. E. Powers. 2,552,584, May 15.
Thiourea, Preparation of. R. E. Powers and J. Mitchell. 2,560,596, July 17.
Third dimension photographic projection screen. A. Givaudan. 2,548,967, Apr. 17.
Thiuronium compounds. L. H. Bock, N. H. Leake, and J. L. Rainey. 2,547,366, Apr. 3.
Thoria cathodes, Manufacture of. N. F. Cerulli and J. W. McNall. 2,557,372, June 19.
Thorium, Production of. W. C. Lilliendahl. 2,537,067, Jan. 9.
Thread advancing reel. D. H. Brownell. 2,562,768, July 31.
Thread-advancing reel. C. A. Castellan. 2,579,548, Dec. 25.
Thread advancing reel. H. A. Kuljian. 2,543,031, Feb. 27.
Thread-advancing reel. T. S. Mayner. 2,554,468, May 22.
Thread-advancing reel. A. J. L. Moritz. 2,572,181, Oct. 23.
Thread advancing reel. H. Von Kohorn. 2,578,330, Dec. 11.
Thread advancing reel having spray and drain devices. H. A. Kuljian. 2,573,578, Oct. 30.
Thread, Basting. I. Halden. 2,539,244, Jan. 23.
Thread brake. A. Moessinger. 2,537,476, Jan. 9.
Thread carrier. O. M. Schmidt. 2,569,904, Oct. 2.
Thread chasing tool. H. Weidner. 2,550,949, May 1.
Thread checking device. R. J. Spall. 2,548,917, Apr. 17.
Thread cleaner. E. A. Grimmer. 2,580,170, Dec. 25.
Thread construction. J. W. Parker. 2,555,243, May 29.
Thread control for weft replenishing looms. R. G. Turner. 2,569,547, Oct. 2.

Thread control for weft replenishing looms. W. H. Wakefield. 2,551,189, May 1.
Thread controlling means for weft replenishing looms. A. C. Krukonis. 2,552,099, May 8.
Thread counting device. E. Swindells. 2,575,144, Nov. 13.
Thread cutter for bobbin winders. W. E. Hendricks. 2,575,015, Nov. 13.
Thread cutter for bobbin winders. R. O. Smithson and C. F. Fitzgerald. 2,578,755, Dec. 18.
Thread cutter for weft replenishing looms. W. A. Blanchard. 2,542,465, Feb. 20.
Thread-cutting apparatus, Rubber. A. Bosshard. 2,567,634, Sept. 11.
Thread-cutting device. G. Hazelton. 2,572,143, Oct. 23.
Thread-cutting sheet metal nut. N. S. Sodders. 2,561,036, July 17.
Thread-cutting tool. R. C. Pullon. 2,570,483, Oct. 9.
Thread feeler device in spinning and twisting machines. B. Melin and H. Jeppson. 2,569,728, Oct. 2.
Thread guide. P. W. Markwood and J. A. Moore. 2,539,961, Jan. 30.
Thread guide driving arrangement for artificial silk spinning machines. P. Nikles. 2,539,267, Jan. 23.
Thread guiding device. W. R. Schmitz, Jr. 2,565,397, Aug. 21.
Thread holder for weft replenishing loom, Pneumatic. R. G. Turner. 2,575,853, Nov. 20.
Thread lock. E. G. Green. 2,573,009, Oct. 30.
Thread marker. S. Isaacson. 2,544,757, Mar. 13.
Thread oiling apparatus. F. V. Hoffecker. 2,539,953, Jan. 30.
Thread protector. G. P. Elmer. 2,543,960, Mar. 6.
Thread-pulling machine. P. Cook. 2,536,594, Jan. 2.
Thread remover for looms, Pneumatic. R. G. Turner. 2,543,513, Feb. 27.
Thread remover for looms, Pneumatic. R. G. Turner. 2,556,714, June 12.
Thread remover for looms, Yieldable pneumatic. A. C. Krukonis. 2,566,839, Sept. 4.
Thread remover for weft replenishing looms. B. W. Brouwer and J. T. Kennedy. 2,564,149, Aug. 14.
Thread rolling apparatus. W. L. Ostendorf. 2,550,855, May 1.
Thread-rolling appliance. T. K. Affleck. 2,576,709, Nov. 27.
Thread rolling machine for pipes. L. F. Parker. 2,548,444, Apr. 10.
Thread size gauge. E. S. Cornell. 2,538,295, Jan. 16.
Thread storage reel. R. W. Stanley. 2,578,905, Dec. 18.
Thread tensioning and lubricating device, Automatic. S. A. Ward. 2,566,006, Aug. 28.
Thread tensioning device and mechanism for actuating the same. F. E. Cole. 2,562,175, July 31.
Thread tensioning lubricator. S. A. Ward. 2,566,005, Aug. 28.
Thread-treating apparatus. A. Cresswell. 2,558,734, July 3.
Thread trimming mechanism for sewing machines. E. P. Spaine. 2,550,611, Apr. 24.
Thread waxing device. J. F. McCarthy. 2,576,961, Dec. 4.
Thread winder. A. S. Huntington. 2,575,960, Nov. 20.
Thread-winding machine. E. Colombu and H. Karlen. 2,563,642, Aug. 7.
Threaded coupling. J. C. Richardson. 2,545,167, Mar. 13.
Threaded fastener. G. P. Ickes and C. D. Miller. 2,565,852, Aug. 28.
Threaded fastener. C. R. Williams. 2,562,516, July 31.
Threaded insert protector. J. Rosan. 2,545,045, Mar. 13.
Threaded juncture and making it. J. Thompson. 2,559,806, July 10.
Threader, Curtain. L. E. Thomas. 2,553,067, May 15.
Threader, Needle. N. R. Näs. 2,543,587, Feb. 27.
Threader, Needle. G. E. Söderberg. 2,567,408, Sept. 11.
Threader, Sewing machine needle. R. J. Stinson. 2,538,395, Jan. 16.
Threading device, Sewing machine needle. C. A. Pinkham and B. Holohan. 2,552,731, May 15.
Threading, drilling, and reaming machine. H. E. Pruitt. 2,561,992, July 24.
Threading machine. P. Cardi. 2,563,210, Aug. 7.
Threading machine having electrical and mechanical reversing controls. W. Funk. 2,551,936, May 8.
Threading machine, Pipe. A. T. Ridgeway. 2,567,784, Sept. 11
Threading pearls, corals, and the like. V. Adam. 2,557,854, June 19.
Threading ring twisting machines. E. J. Griset, Jr. 2,572,138, Oct. 23.
3-aminomethyl-2-hydroxy-1,4-naphthoquinones and their production. M. T. Leffler. 2,541,473, Feb. 13.
3-azo derivatives of 1-substituted 2,5-diketo-7-methylpyrimidopyrazoles. H. B. Kellog. 2,569,418, Sept. 25.
Three-channel fine-coarse control system. M. Fouassin. 2,560,337, July 10.
3-chlorocoumarin, Production of. W. C. Stoesser and E. H. Sommerfield. 2,562,873, July 31.
3-chlorothianaphthene. R. F. McCleary and J. A. Patterson. 2,571,742, Oct. 16.
Three-control system for aircraft. R. Kendall and J. D. Williams. 2,560,112, July 10.
Three-dimensional display. R. R. Gannaway. 2,578,970, Dec. 18.
Three-dimensional exhibit. N. Concordet. 2,556,798, June 12.
Three-dimensional mathematical demonstrator. F. P. Armstead. 2,573,946, Nov. 6.
3,5-dimethyl-5-ethyloxazolidine-2,4-dione. M. A. Spielman. 2,575,693, Nov. 20.
3,5-dimethyl 1-ethyl benzene, Producing. W. E. Elwell and A. J. Castro. 2,563,826, Aug. 14.
3,5,5 - trimethyloxazolidine - 2,4 - dione. M. A. Spielman. 2,575,694, Nov. 20.
3-fluorosalicylaldehyde, Preparation of. E. C. Britton and J. D. Head. 2,576,065, Nov. 20.
3-fluorosalicylaldehyde, Production of. E. C. Britton and J. D. Head. 2,576,064, Nov. 20.
3,4-dihydroxytetrahydrofuran, Production of. C. M. Himel and L. O. Edmonds. 2,572,566, Oct. 23.
3,4-dimethyl-5-phenyl-2-iminothiazolidines, Producing. A. Wolf. 2,558,068, June 26.
3,4-dimethyl 1-ethyl benzene, Producing. W. E. Elwell. 2,578,294, Dec. 11.
3,4-diethoxymandelic acid and preparing same. J. Weijlard and M. Tishler. 2,540,307, Feb. 6.
3,4,7-trihaloquinolines, Preparation of. M. E. Hultquist and T. F. Scholz. 2,579,320, Dec. 18.
3-hydroxy-11-ketoetiocholanic acid and its esters. T. Reichstein. 2,554,882, May 29.
3-hydroxy-4,4-diphenyl-6-aminoheptanes. R. L. Clark. 2,565,592, Aug. 28.
3-hydroxy-4-oxo-naphthylideneaminobenzamides and preparing same. N. Steiger. 2,551,647, May 8.
3-iodothianaphthene and picrate. R. T. Van Vleck. 2,557,708, June 19.
3 - methyl - 1 - (1′ - hydroxy - 2′,6′,6′ - trimethylcyclohexyl)-octa-3,5-dien-1-yn-7-one and preparing same. R. M. Evans. 2,579,658, Dec. 25.
3-(methylpyrrolidyl-1)propyl para-(delta 2)-cyclohexenyloxybenzoates and salts thereof. W. B. Reid, Jr. 2,576,970, Dec. 4.
3-nitro-4-amino-thiophanes. C. Grob. 2,545,434, Mar. 20.
3-nitro-4-hydroxy-thiophanes. C. Grob. 2,545,433, Mar. 20.
Three phase control system employing saturable reactors. R. E. Morgan. 2,567,725, Sept. 11.
Three-phase core. C. C. Horstman, C. E. Burkhardt, and B. B. Ellis. 2,579,578, Dec. 25.
3-phenylphthalidyl-3-acetic acid. A. Burger. 2,567,546, Sept. 11
3-pyridoxy-alkanoic acid compounds. R. P. Perkins. 2,559,546, July 3.
Three side lock snap fastener. W. A. Bedford, Jr. 2,552,764, May 15.
Three-side lock snap fastener. H. J. Murphy. 2,567,891, Sept. 11.
3-substituted derivatives of 2,3-dihydrothianaphthene-1-dioxide. W. H. McKellin and F. G. Bordwell. 2,557,673, June 19.
3 - substituted-22-monophenyl-bisnor-5,20-choladienes and production of pregnenolone therefrom. F. W. Heyl, M. E. Herr, and A. P. Centolella. 2,576,937, Dec. 4.
3-tertiaryaminoalkyl-2-pyrrolidones and preparing same and related products. P. Lucas, R. L. Clarke, and A. Mooradian. 2,555,353, June 5.
3-thienyl sulfides. J. W. Brooks and A. N. Sachanen. 2,544,294, Mar. 6.
3-thienyl thioethers. J. W. Brooks and S. J. Lukasiewicz. 2,577,566, Dec. 4.
3-(thiocyanomethyl) thianaphthene and herbicidal compositions comprising same. A. H. Schlesinger and D. T. Mowry. 2,572,574, Oct. 23.
3,3′-bis-(trifluoromethyl) diphenyl ether. J. K. Wolfe. 2,547,679, Apr. 3.
3,3′-dithiolisobutyric acid. E. F. Jansen. 2,539,428, Jan. 30.
3,3,5-trimethyl cyclohexanone, Production of. C. E. Morrell, R. F. Robey, and L. M. Welch. 2,560,361, July 10.
3,20-diacyloxy-5,7,9(11),17(20)-pregnatetraenes. R. H. Levin, A. V. McIntosh, Jr., and G. B. Spero. 2,577,777, Dec. 11.
3,22 - diacyloxy - 5,7,9(11),20(22) - bisnorcholatetraenes. R. H. Levin, A. V. McIntosh, Jr., and G. B. Spero. 2,577,776, Dec. 11.
Three-way motor operated valve. E. G. Miller and R. E. Engberg. 2,536,691, Jan. 2.
Three-way solenoid valve. F. W. Hottenroth. 2,570,450, Oct. 9.
Three-way valve. J. E. Dube and E. Jones. 2,569,751, Oct. 2
Three-wheel automotive vehicle. W. S. Tandler, F. A. De Weiss, D. S. Walker, and J. L. Frering. 2,574,199, Nov. 6.
Threonine and intermediates therefor, Preparation of. K. Pfister, III, C. A. Robinson, and M. Tisher. 2,571,755, Oct. 16.
Threophenylserinol, Preparation of. H. E. Carter and E. H. Flynn. 2,556,868, June 12.
Threshold. R. Howard. 2,572,154, Oct. 23.
Threshold lock. W. L. Young. 2,553,732, May 22.
Threshold plate assembly. C. C. Curley. 2,575,657, Nov. 20.
Threshold treatment of water. G. B. Hatch. 2,539,305, Jan. 23.

Thromboplastic preparation. A. Studer. 2,541,676, Feb. 13.
Throttle control. C. W. Finkl. 2,579,811, Dec. 25.
Throttle control. R. H. Wheeler. 2,575,901, Nov. 20.
Throttle control apparatus, Fluid pressure. A. J. Bent. 2,545,509, Mar. 20.
Throttle control for motor vehicle engines. E. C. Horton. 2,575,384, Nov. 20.
Throttle control, Friction type. W. L. Larson. 2,552,726, May 15.
Throttle controlled carburetor producing a rich mixture for an exhaust turbine. S. M. Udale. 2,578,028, Dec. 11.
Throttle reversing linkage. C. E. Oates. 2,544,853, Mar. 13.
Throttle valve. F. L. Kallam. 2,573,712, Nov. 6.
Throttling reset valve. J. L. Ewing. 2,537,450, Jan. 9.
Through flow type solenoid valve. H. G. Wasserlein. 2,546,325, Mar. 27.
Throwout device for door operators. A. H. Sauter. 2,567,029, Sept. 4.
Throwout for goosenecks of die casting machines, Safety. L. H. Morin. 2,543,417, Feb. 27.
Thrust bearing. A. E. Lindner, H. B. Harmon, and B. E. Robinson. 2,537,946, Jan. 16.
Thrust bearing. C. R. Maxwell and R. V. Larson. 2,558,262, June 26.
Thrust bearing. J. M. O'Malley. 2,575,830, Nov. 20.
Thrust bearing damper. G. P. Lessmann. 2,561,987, July 24.
Thrust meter. H. Schaevitz. 2,579,617, Dec. 25.
Thumb and finger loop for scissors and shears, Adjustable. O. B. Bray. 2,571,675, Oct. 16.
Thumb brake for fishing reel. E. M. Stout. 2,555,824, June 5.
Thumb guard. R. Brody. 2,543,521, Feb. 27.
Thumbtack. C. B. Goodstein. 2,550,549, Apr. 24.
Thumbtack extractor. I. L. Thompson. 2,568,835, Sept. 25.
Thymine compounds, Water-soluble. K. Dittmer, I. Goodman, and D. Visser. 2,558,480, June 26.
Thyratron cathode design to prevent clean-up of hydrogen. J. Rothstein. 2,572,881, Oct. 30.
Thyratron control apparatus. B. A. Knauth. 2,540,452, Feb. 6.
Thyratron control system for series motors. E. E. Moyer. 2,552,206, May 8.
Thyratron power inverter. G. W. Demuth. 2,570,651. Oct. 9.
Thyratron system. B. A. Knauth and P. H. Chin. 2,537,676, Jan. 9.
Thyratron system of control. B. A. Knauth and P. H. Chin. 2,573,849, Nov. 6.
Thyroidectomy retractor. H. Mahorner. 2,564,118, Aug. 14.
Thyroxine and its derivatives, Preparation of. B. A. Hems and J. C. Clayton. 2,579,668, Dec. 25.
Ticket, Button slot price. V. Trultt. 2,538,927, Jan. 23.
Ticket forming and marking machine. C. B. Weller. 2,551,985, May 8.
Ticket holder. E. M. Macdonald. 2,544,337, Mar. 6.
Ticket holder. M. N. Thomason. 2,547,673, Apr. 3.
Ticket holder and receipt dispenser. A. C. and G. M. Egart. 2,541,222, Feb. 13.
Ticket holder for stocking supporting trays. E. R. Ammon. 2,564,293, Aug. 14.
Ticket issuing machine. R. H. Helsel. 2,554,827, May 29.
Ticket pad. M. H. London. 2,571,268, Oct. 16.
Ticket-printing machine. W. M. Henry. 2,553,709, May 22.
Tide power generator. J. H. Griswold. 2,566,447, Sept. 4.
Tie and rail fastener, Railway. W. H. Koch. 2,556,622, June 12.
Tie bar for heat exchange headers. W. F. Matheny. 2,559,256, July 3.
Tie dimpler. G. F. Pinsuti. 2,554,310, May 22.
Tie holder. O. V. Anderson. 2,571,097, Oct. 16.
Tie knot form. G. J. Dorusak. 2,566,760, Sept. 4.
Tie means for connecting members together and to a support. W. L. Sorenson. 2,540,495, Feb. 6.
Tie-member for the coil windings of dynamoelectric machines. E. A. Linke. 2,575,115, Nov. 13.
Tie plate for railroad tracks. L. Tucker and H. Hill. 2,556,350, June 12.
Tie press form. V. C. J. Kaiser. 2,555,136, May 29.
Tie rack. H. Heisler. 2,562,093, July 24.
Tie rack. L. J. Levinson. 2,537,144, Jan. 9.
Tie rack. F. Rosenthal. 2,564,408, Aug. 14.
Tie-rod connection for vehicle steering mechanism. A. L. Jeffus. 2,551,437, May 1.
Tie rod for concrete forms. F. D. Parmenter. 2,546,043, Mar. 20.
Tie rod for concrete wall forms. A. H. Symons. 2,580,330, Dec. 25.
Tie, Sack. G. E. Miller. 2,579,689, Dec. 25.
Tie section for connecting adjacent ladder scaffolds. T. C. North. 2,574,409, Nov. 6.
Tying apparatus, Bow. A. F. Welch. 2,542,222, Feb. 20.
Tying device. G. T. Rogers and I. W. Coleman. 2,569,780, Oct. 2.
Tying machine, Bag. J. F. Smith. 2,555,768, June 5.
Tying mechanism, Baler wire. G. L. Burkett. 2,566,054, Aug. 28.
Tightening and aligning mechanism for abrading devices, Belt. M. B. Gentzel. 2,565,223, Aug. 21.
Tile composition and making acoustical tiles, Acoustical. H. W. Heine. 2,552,553, May 15.
Tile cutting device. E. Marus. 2,541,708, Feb. 13.
Tile cutting device. E. Marus. 2,568,816, Sept. 25.
Tile cutting machine. L. C. Brosemer. 2,560,843, July 17.
Tile cutting machine. A. Oas. 2,563,059, Aug. 7.
Tiller attachment for plows. J. Lothen. 2,572,625, July 31.
Tiller operated by tractor power take-off, Offset. C. C. De Witt. 2,547,568, Apr. 3.
Tilt handle above the center of gravity on outboard motor housings. E. C. Kiekhaefer. 2,549,483, Apr. 17.
Tilt, Ice-fishing. E. H. and A. J. Olesen. 2,569,946, Oct. 2.
Tilt stand. W. H. Drake. 2,548,204, Apr. 10.
Tiltable ball game table. J. B. Rishel. 2,562,126, July 24.
Tiltable cabinet. C. G. Minor. 2,537,363–4, Jan. 9.
Tiltable table. W. H. Klein and C. N. Stover. 2,561,741, July 24.
Tilting back chair. P. Mondy. 2,563,951, Aug. 14.
Tilting device for Venetian blinds. J. C. Bennett. 2,559,928, July 10.
Tilting explosive charges in wells. W. H. Thompson, E. O. Tolson, and R. H. McLemore. 2,543,814, Mar. 6.
Tilting head press. E. B. Sutherland. 2,576,547, Nov. 27.
Tilting iron. H. Machanic. 2,552,988, May 15.
Tilting means for Venetian blinds. F. X. Ganter. 2,552,956, May 15.
Tilting mechanism for Venetian blinds. H. S. Rosenbaum. 2,544,184, Mar. 6.
Time base circuit. G. J. Scoles. 2,557,770, June 19.
Time base circuits. A. H. A. Wynn. 2,574,365, Nov. 6.
Time base generator. H. V. Hance. 2,562,188, July 31.
Time characteristic determination of recurrent signals. K. M. Soukaras. 2,563,879, Aug. 14.
Time control device, Preselection. C. G. Montgomery. 2,547,960, Apr. 10.
Time control mechanism, Coin-operated. W. S. Farrell. 2,538,358, Jan. 16.
Time controlled linkage actuating mechanism. R. A. Barrett. 2,547,247, Apr. 3.
Time-controlled valve. R. K. Engholdt. 2,556,908, June 12.
Time counter, Electromechanical. W. H. Jensen and M. R. Bates. 2,553,972, May 22.
Time-delay circuit. F. K. Low. 2,577,137, Dec. 4.
Time delay control. P. G. White. 2,549,149, Apr. 17.
Time delay control apparatus. G. W. Meszaros. 2,554,837, May 29.
Time-delay power relay. J. Ostlind and W. L. Werner. 2,557,681, June 19.
Time delay relay. W. D. Macgeorge. 2,538,732, Jan. 16.
Time delayed repeater fuse construction. C. E. Schultheiss. 2,563,558, Aug. 7.
Time device, Bowling. E. Curran. 2,550,915, May 1.
Time division multiplex system. C. W. Hansell. 2,579,071, Dec. 18.
Time division multiplex system for signals of different band widths. R. Bown. 2,564,419, Aug. 14.
Time-division multiplex system wherein the duration of each received sample is effectively increased. A. Montani. 2,578,083, Dec. 11.
Time interval circuit. A. J. Dawe. 2,567,473, Sept. 11.
Time interval indicating system. R. C. Ballard. 2,537,569, Jan. 9.
Time limit contactor, Pneumatic. J. C. Ponstingl and R. B. Immel. 2,538,038, Jan. 16.
Time-measuring and recording device. W. H. Bliss. 2,566,078, Aug. 28.
Time modulator for electric pulses. G. H. Hough and T. M. Jackson. 2,543,023, Feb. 27.
Time multiplex television in color. J. A. Burton. 2,580,073, Dec. 25.
Time selector for electrical mechanisms. G. W. Switzer. 2,545,055, Mar. 13.
Time signal selector switch. C. G. Judd. 2,541,257, Feb. 13.
Time switch. A. F. Geisel. 2,556,422, June 12.
Time switch. W. F. Horgan. 2,579,260, Dec. 18.
Time switch attachment for alarm clocks. G. J. Hines. 2,577,583, Dec. 4.
Timepiece, Animated. H. Marmor. 2,574,048, Nov. 6.
Timer. C. E. Charles. 2,551,927, May 8.
Timer. T. A. Daly and H. A. Gill. 2,537,929, Jan. 9.
Timer. R. C. Darnell. 2,562,378, July 31.
Timer. F. E. Gray. 2,562,546, July 31.
Timer. M. H. Rhodes. 2,574,497, Nov. 13.
Timer. J. D. Williams, Jr. 2,568,906, Sept. 25.
Timer and fuel injection unit, Combined ignition. J. J. Broderick. 2,542,389, Feb. 20.
Timer and retractable landing gear for model airplanes, Flight. D. W. Cameron. 2,551,788, May 8.
Timer, Automatic exposure. C. T. Zavales, F. J. Euler, Jr., and J. E. Kalstein. 2,561,085, July 17.
Timer, Cold cathode. E. B. Farmer. 2,567,928, Sept. 18.
Timer, Cold cathode triode electronic. E. D. Spierer. 2,551,224, May 1.
Timer construction. G. S. Clemens. 2,553,846, May 22.
Timer, Defrosting. R. A. Haigh. 2,536,741, Jan. 2.

Timer device, Automatic parking. J. D. Haynie. 2,536,178, Jan. 2.
Timer, Electric. A. M. Cohen. 2,550,778, May 1.
Timer, Electric. W. M. White. 2,559,910, July 10.
Timer, Electrical. W. J. Kelleigh. 2,542,085, Feb. 20.
Timer, Electrical. M. B. Moore, E. D. Willis, and R. L. Ginther. 2,573,130, Oct. 30.
Timer, Electronic interval. G. D. Hanchett, Jr. 2,538,515, Jan. 16.
Timer for automatic washing machines. C. K. Schwartz. 2,563,077, Aug. 7.
Timer for cameras, Automatic exposure. R. H. Lee. 2,577,774, Dec. 11.
Timer for controlling the operation of photographic enlargers. D. O. Schwennesen. 2,579,764, Dec. 25.
Timer for electric heating appliances. F. H. Cole. 2,541,207, Feb. 13.
Timer for electric toasters, Thermal. W. A. Humphrey. 2,558,438, June 26.
Timer for toasters and the like. A. J. Huck. 2,549,094, Apr. 17.
Timer for washing machines and the like, Automatic. G. W. Dunham. 2,561,348, July 24.
Timer for welding machines, Automatic. O. J. Schommer. 2,538,881, Jan. 23.
Timer for X-ray apparatus, Protoelectric. J. Ball and E. B. Graves. 2,541,187, Feb. 13.
Timer, Interval. F. H. Brown. 2,565,017, Aug. 21.
Timer, Interval. W. P. Gallagher and P. G. Bielik. 2,568,122, Sept. 18.
Timer, Liquid. F. E. Aschbacher. 2,540,502, Feb. 6.
Timer mechanism. R. C. Darnell. 2,577,004, Dec. 4.
Timer mechanism. M. H. Kaefer and E. S. Bassett. 2,545,617, Mar. 20.
Timer mechanism. E. W. Swayze. 2,562,481, July 31.
Timer mechanism, Toaster. F. W. Scharf. 2,558,199, June 26.
Timer mounting. R. C. Darnell. 2,546,090, Mar. 20.
Timer, Parking. V. I. Mason. 2,537,598, Jan. 9.
Timer, Press. R. G. McLagan. 2,572,272, Oct. 23.
Timer, Sequence. T. F. Johnson. 2,543,241, Feb. 27.
Timer, Sequence and welding. D. P. Faulk. 2,577,411, Dec. 4.
Timer, Valve. W. D. Macgeorge. 2,546,695, Mar. 27.
Timing apparatus. W. R. Hewlett and D. Packard. 2,558,249, June 26.
Timing apparatus. T. G. Mueller. 2,560,516, July 10.
Timing apparatus. W. Palmer. 2,574,494, Nov. 13.
Timing apparatus. W. M. Powell and A. W. Hughes. 2,574,841, Nov. 13.
Timing apparatus, Automatic sequence. H. G. Lacks. 2,563,250, Aug. 7.
Timing apparatus, Electrical. J. W. Smith. 2,542,264, Feb. 20.
Timing circuit. C. H. Smith, Jr. 2,572,891, Oct. 30.
Timing controller, Appliance. P. Martin. 2,550,281, Apr. 24.
Timing device. R. L. Archbold. 2,566,014, Aug. 28.
Timing device. T. R. Arden. 2,557,626, June 19.
Timing device. T. R. Arden. 2,574,314, Nov. 6.
Timing device. R. W. Boling. 2,570,754, Oct. 9.
Timing device. J. E. Brosseau. 2,564,321, Aug. 14.
Timing device. J. E. and J. B. Brosseau. 2,564,322, Aug. 14.
Timing device. F. P. Davis. 2,551,100, May 1.
Timing device. G. F. Duvall. 2,580,287, Dec. 25.
Timing device. F. Loewenstein. 2,556,095, June 5.
Timing device. F. J. Mulhern. 2,544,346, Mar. 6.
Timing device. M. H. Rhodes. 2,553,332, May 15.
Timing device. F. C. W. Stelter. 2,544,621, Mar. 6.
Timing device. E. C. Weiskopf. 2,550,102, Apr. 24.
Timing device, Automatic. W. Rath. 2,559,796, July 10.
Timing device, Electric. L. A. King. 2,578,557, Dec. 11.
Timing device, Electronic. P. J. Cade. 2,574,618, Nov. 13.
Timing device, Electronic. J. A. Fahrner. 2,563,828, Aug. 14.
Timing device, Electronic. S. Wald and J. S. Russo. 2,579,163, Dec. 18.
Timing device, Engine. G. R. Williams. 2,577,835, Dec. 11.
Timing device for electrical circuits. T. R. Brunson. 2,541,983, Feb. 20.
Timing device for stethoscopes. I. A. Falk. 2,546,890, Mar. 27.
Timing machine, Cooking. D. G. Hill, Jr. 2,565,024, Aug. 21.
Timing mechanism. W. C. Klammer, R. A. and L. A. Schneider, and P. W. Mattson. 2,536,133, Jan. 2.
Timing mechanism. E. H. Mueller. 2,554,260, May 22.
Timing mechanism. R. Wedeberg. 2,545,719, Mar. 20.
Timing mechanism, Commutator. F. B. Woestemeyer. 2,577,172, Dec. 4.
Timing mechanism, Telegraphically controlled. G. G. Keyes and G. Sim. 2,543,174, Feb. 27.
Timing mechanism, Toaster. H. B. White. 2,574,993, Nov. 13.
Timing method. E. B. Hales. 2,558,358, June 26.
Timing system, Automatic electric. J. Dobson. 2,577,408, Dec. 4.
Timing system, Electronic. J. W. Dawson and D. P. Faulk. 2,560,720, July 17.
Timing system, Electronic. C. B. Stadum. 2,551,856, May 8.
Timing, totalizing, and indicating device. M. Rettinger and H. Steiner. 2,539,754, Jan. 30.
Tin coating ferrous metal articles and bath therefor. A. W. Harris. 2,543,365, Feb. 27.
Tin Hydrocarbons, Making. E. W. Johnson and J. M. Church. 2,570,686, Oct. 9.
Tinware construction for power washing separators. W. H. Harstick and O. E. Hintz, Jr. 2,555,540, June 5.
Tinctorially stable phthalocyanine coloring matters, Producing. D. P. Graham. 2,556,728, June 12.
Tinctorially stable phthalocyanine coloring matters, Producing. D. P. Graham. 2,556,730, June 12.
Tip and shank for hammer mills. C. E. Anderson. 2,566,758, Sept. 4.
Tipup. F. H. Laurila. 2,565,379, Aug. 21.
Tipping-off method. C. E. Bechard. 2,561,838, July 24.
Tire. W. F. Billingsley. 2,575,439, Nov. 20.
Tire. E. B. Mansfield, R. J. Luebbers, and R. E. Lange. 2,537,632, Jan. 9.
Tire and antiskid device therefor, Combined vehicle. J. A. Marrone. 2,552,995, May 15.
Tire and safety tube, Pneumatic. F. O. Church. 2,554,815, May 29.
Tire and wheel assembly lifting device. F. G. Varabeau. 2,539,711, Jan. 30.
Tire and wheel balancer, Gravity. R. A. Koertge and G. E. Preston. 2,565,732, Aug. 28.
Tire and wheel dolly and lift. W. G. Meredith. 2,543,296, Feb. 27.
Tire and wheel jack. D. F. Miner. 2,576,627, Nov. 27.
Tire attachment. W. Trautwein. 2,538,134, Jan. 16.
Tire bead and retaining ring tool. C. W. Martin. 2,545,483, Mar. 20.
Tire-building apparatus. T. E. Smith. 2,537,649, Jan. 9.
Tire building machine. G. M. Flynn. 2,556,264, June 12.
Tire building machine. L. C. Frazier. 2,565,071, Aug. 21.
Tire carrier support. D. R. Ballard. 2,563,810, Aug. 14.
Tire casing. G. F. Oest. 2,565,619, Aug. 28.
Tire casing or similar laminated article. G. C. Hessney and J. W. Martindale. 2,566,329, Sept. 4.
Tire casing, Pneumatic. J. W. Griffith. 2,546,858, Mar. 27.
Tire casing with improved tread. P. B. Winston. 2,538,491, Jan. 16.
Tire chain. T. M. Dines. 2,553,849, May 22.
Tire chain. R. A. Mank. 2,551,958, May 8.
Tire chain and attaching structure. A. P. Kovatch and W. Story. 2,562,798, July 31.
Tire chain applier. R. Boettinger. 2,571,665, Oct. 16.
Tire chain applying clip. C. B. Lutz. 2,576,302, Nov. 27.
Tire chain assembly. F. John. 2,570,685, Oct. 9.
Tire chain attaching device. D. E. Wilson. 2,562,517, July 31.
Tire chain hook. R. D. Desso. 2,549,675, Apr. 17.
Tire chain link. E. A. Stuller. 2,562,964, Aug. 7.
Tire changing device. A. Sagen. 2,539,274, Jan. 23.
Tire changing device, Power operated. W. R. King. 2,537,189, Jan. 9.
Tire cooling arrangement. C. B. Isham. 2,538,563, Jan. 16.
Tire compress and control. D. McDonald. 2,556,593, June 12.
Tire construction. G. C. Hessney and J. W. Martindale. 2,566,328, Sept. 4.
Tire curing apparatus and method. P. A. Frank. 2,559,119, July 3.
Tire curing rim structure. N. G. Hovlid and G. B. Breakey. 2,561,573, July 24.
Tire deflation switch. H. B. Foulks. 2,546,183, Mar. 27.
Tire demounting machine with circumferentially distributed thrust members. U. R. McCrary. 2,545,157, Mar. 13.
Tire, Differential. S. Khalil. 2,574,267, Nov. 6.
Tire fender, Ship's rubber. G. Sipkin and E. B. Amey. 2,562,957, Aug. 7.
Tire gauge. G. A. Wiedemer. 2,550,508, Apr. 24.
Tire handling device. G. F. Buechler. 2,543,276, Feb. 27.
Tire inflater, Automatic pneumatic. H. Lacroix and C. Belli. 2,536,817, Jan. 2.
Tire inflating device. A. E. Booth. 2,552,031, May 8.
Tire inflating device. J. K. Clifford. 2,575,908, Nov. 20.
Tire jack. W. E. Roth. 2,553,281, May 15.
Tire lifter. H. D. Kors. 2,569,242, Sept. 25.
Tire molds, Making. J. L. Miller and J. R. Boughter. 2,560,052, July 10.
Tire mounting and demounting machine of the type having relative travel between a tire and a tire tool. H. M. Rockwell. 2,547,976, Apr. 10.
Tire mounting device, Band saw. W. D. Weikart and E. F. Altomare. 2,572,789, Oct. 23.
Tire mounting device, Circumferentially traveling type, pedestal mounted. R. A. Weaver. 2,569,788, Oct. 2.
Tire mounting machine, Circumferentially traveling thrust. J. H. Eberly. 2,546,988, Apr. 3.
Tire, Multiple chamber. J. J. Hruska. 2,553,319, May 15.
Tire, Nonskid. A. A. Friestedt. 2,568,542, Sept. 18.
Tire package, Pneumatic. F. Herzegh. 2,573,664, Oct. 30.

Tire ply turndown device. E. E. Mallory. 2,544,390, Mar. 6.
Tire, Pneumatic. A. J. Bushemi. 2,572,594, Oct. 23.
Tire, Pneumatic. J. B. Gestwick. 2,539,617, Jan. 30.
Tire, Pneumatic. A. Keefe. 2,563,787, Aug. 7.
Tire pressure gauge. J. C. Crowley. 2,551,487, May 1.
Tire pressure indicating system. J. B. Shea. 2,554,594, May 29.
Tire pressure indicator. W. J. and W. H. Flanery. 2,550,986, May 1.
Tire pressure indicator. R. E. Gunter. 2,562,862, July 31.
Tire pressure indicator. R. L. Steven. 2,552,068, May 8.
Tire pressure indicator. R. L. Steven. 2,575,849, Nov. 20.
Tire pump. F. Michaels. 2,558,369, June 26.
Tire remover, Circumferentially traveling type frame mounted. E. D. Horne. 2,577,684, Dec. 4.
Tire remover, Hydraulic jack suspended. H. M. Finch. 2,537,041, Jan. 9.
Tire remover with circumferentially delivered thrust. W. G. and F. T. Williams. 2,539,983, Jan. 30.
Tire removing device, Axially shifting type frame suspended. A. S. Ritter. 2,536,139, Jan. 2.
Tire removing device, Axially shifting type jack operated. G. B. Madden. 2,548,033, Apr. 10.
Tire removing device, Portable jack actuated. G. C. Carlson. 2,575,330, Nov. 20.
Tire removing device with circumferentially distributed thrust members. W. A. Bloodworth and S. E. Ahlgren. 2,551,994, May 8.
Tire removing device with circumferentially distributed thrust members. M. Tyler. 2,563,293, Aug. 7.
Tire removing machine, Axially shifting type multiple cylinder operated. J. Jones. 2,571,249, Oct. 16.
Tire retreading and repair material. R. P. Whipple. 2,560,040, July 10.
Tire rim remover with circumferentially distributed thrust. F. J. Miller and M. J. Graham. 2,546,900, Mar. 27.
Tire rim, Separable and demountable. L. J. Ebert. 2,559,288, July 3.
Tire, Shock-resistant, puncture-sealing. M. E. Christensen and W. J. Hanson. 2,550,773, May 1.
Tire side wall mold. J. E. Collins and A. W. Douglas. 2,574,171, Nov. 6.
Tire, Snow and ice. D. E. Crooker. 2,557,945, June 26.
Tire spreader. W. E. Dourdy. 2,553,901, May 22.
Tire tool. J. H. Schwartz. 2,571,624, Oct. 16.
Tire, Traction. H. F. Turner. 2,554,392, May 22.
Tire tread, Pneumatic. R. O. Bohannon, R. V. Moore, and F. E. Brooks. 2,551,238, May 1.
Tire tread slitting apparatus, Transverse. W. F. Errig and E. S. De Hart. 2,578,997, Dec. 18.
Tire tube. A. Van Hulzen. 2,560,609, July 17.
Tire tube vulcanizing unit. J. Fannen and A. Duerksen. 2,538,149, Jan. 16.
Tire, Tubeless pneumatic. A. Keefe. 2,563,788, Aug. 7.
Tire valve. W. R. Fox. 2,549,075, Apr. 17.
Tire valve. N. J. Nebout. 2,551,038, May 1.
Tire, Vehicle. S. Halpern. 2,563,466, Aug. 7.
Tire, Ventilated. D. E. Crooker. 2,540,043, Jan. 30.
Tire-wheel or tire-rim carrier for pickup trucks. K. C. Clark. 2,574,465, Nov. 13.
Tire, White side wall. M. Gottschall. 2,572,259, Oct. 23.
Tire, White sidewall. R. F. Wolf. 2,574,233, Nov. 6.
Tire, Winter. G. F. Oest. 2,565,620, Aug. 28.
Tire wire clamp. P. J. Corcoran. 2,579,650, Dec. 25.
Tissue and making same, Coated wrapping. A. D. McLaren. 2,549,220, Apr. 17.
Tissue embedding apparatus. J. Tannenberg. 2,576,153, Nov. 27.
Tissue package. E. A. Chipkevich. 2,573,309, Oct. 30.
Titanation of polyvinyl resins. F. K. Signaigo. 2,549,940, Apr. 24.
Titania-containing silicate glass. I. Mockrin and A. E. Pavlish. 2,554,952, May 29.
Titania gels and their manufacture. G. C. Connolly and R. E. Schexnailder, Jr. 2,553,402, May 15.
Titanium actuated magnesium orthostannate. F. A. Kröger and J. T. G. Overbeek. 2,542,336, Feb. 20.
Titanium alloy. R. I. Jaffee, H. R. Ogden, and D. J. Maykuth. 2,575,962, Nov. 20.
Titanium base alloy. R. I. Jaffee and H. R. Ogden. 2,554,031, May 22.
Titanium dioxide, Preparing. R. L. Buchanan. 2,541,495, Feb. 13.
Titanium dioxide, Production of. I. J. Krchma and H. H. Schaumann. 2,559,638, July 10.
Titanium pigments, Manufacture of. R. W. Ancrum. 2,576,434, Nov. 27.
Titanium tetrachloride treatment process. H. Espenschied. 2,560,424, July 10.
Titanium tetraiodide, Production of. W. B. Blumenthal. 2,550,447, Apr. 24.
Toaster. D. S. Campbell. 2,542,231, Feb. 20.
Toaster. S. P. Di Rosa and R. R. Schur. 2,548,958, Apr. 17.
Toaster. F. O. Kompass. 2,560,115, July 10.
Toaster. B. Lermont. 2,553,593, May 22.
Toaster. C. R. Turner. 2,557,706, June 19.
Toaster, Automatic. C. I. Hansen. 2,537,408, Jan. 9.
Toaster, Automatic electric. J. R. Gomersall. 2,560,386, July 10.
Toaster, Automatic electric. B. G. Olving. 2,541,436, Feb. 13.
Toaster, Automatic electric. B. G. Olving. 2,560,387–9, July 10.
Toaster, Automatic electric. J. H. Palmer. 2,566,904–5, Sept. 4.
Toaster, Automatic electric bread. A. M. Georgeson. 2,578,971, Dec. 18.
Toaster, Bread. A. C. Goddard. 2,549,375, Apr. 17.
Toaster, Bread. R. H. Lillyblad and C. L. Robinson. 2,555,697, June 5.
Toaster, Electric. R. J. Anderson. 2,548,511, Apr. 10.
Toaster, Electric. W. Flajole. 2,542,406, Feb. 20.
Toaster, Electric. G. H. Leonard. 2,562,535, July 31.
Toaster, Electric. L. E. Padelford. 2,557,512, June 19.
Toaster, Electric. D. G. Smellie. 2,536,776, Jan. 2.
Toaster, Electric. E. L. Snyder. 2,546,910, Mar. 27.
Toaster, Electric. O. B. Sutton and C. C. Coons. 2,563,755, Aug. 7.
Toaster, Electric. A. M. Young. Re. 23,439, Dec. 11.
Toaster, Electric. A. M. Young. 2,545,404, Mar. 13.
Toaster, Electric bread. H. L. Olson and R. A. Miller. 2,548,680, Apr. 10.
Toaster mechanism, Automatic. W. Thomas. 2,560,261, July 10.
Toaster, Pop-down. F. Bertino. 2,552,135, May 8.
Toaster, Radiant. J. W. Steckbauer. 2,546,795, Mar. 27.
Toaster, Sandwich. A. S. Knapp. 2,567,382, Sept. 11.
Toaster slice positioner. J. H. Palmer. 2,538,650, Jan. 16.
Tobacco can humidor cover. E. C. Hicks. 2,546,599, Mar. 27.
Tobacco cartridge. H. G. Musekamp. 2,543,190, Feb. 27.
Tobacco curer with extinguishing means. F. H. Smith. 2,577,372, Dec. 4.
Tobacco curing apparatus. M. T. Britt. 2,540,929, Feb. 6.
Tobacco cutting machine. G. Dearsley. 2,546,727, Mar. 27.
Tobacco dispenser. M. Friedman. 2,565,808, Aug. 28.
Tobacco looper. R. Anderson. 2,571,003, Oct. 9.
Tobacco pipe. R. O. Ferguson. 2,548,297, Apr. 10.
Tobacco pipe. D. R. Herriott. 2,543,168, Feb. 27.
Tobacco pipe. A. G. Nisbet. 2,572,048, Oct. 23.
Tobacco pipe and igniter, Combination. M. J. Greenblatt. 2,578,061, Dec. 11.
Tobacco pipe combination tool. H. H. Middleton. 2,536,852, Jan. 2.
Tobacco pouch closure means. R. C. Richey. 2,555,935, June 5.
Tobacco preparation and feeding, Cigarette. M. Patterson. 2,570,270, Oct. 9.
Tobacco press. G. W. Hurst. 2,541,255, Feb. 13.
Tobacco-stemming machine. A. L. Isley. 2,557,540, June 19.
Tobacco stringer. C. McNeill. 2,538,698, Jan. 16.
Tobacco stripper and grader. C. J. Green. 2,574,030, Nov. 6.
Tobacco substitute containing bagasse. J. U. Koree. 2,576,021, Nov. 20.
Toecap reinforcement for shoes. B. O. Longnecker. 2,537,901, Jan. 9.
Toe forming machine. B. L. Speier and F. I. Hamilton. 2,578,756, Dec. 18.
Toe nailed assembly and fitting therefor. W. M. Bushnell. 2,570,520, Oct. 9.
Toe separating and directing device. S. Ferri. 2,542,319, Feb. 20.
Toe spacing device. S. Ferri. 2,575,867–8, Nov. 20.
Toggle actuated plier-type wrench. G. J. Waterbury. 2,574,676, Nov. 13.
Toggle-actuated sliding-jaw wrench. W. C. Ratliff. 2,536,463, Jan. 2.
Toggle bolt. J. H. Molat. 2,565,391, Aug. 21.
Toggle clamp. F. W. Lampe. 2,567,436, Sept. 11.
Toggle driven photographic shutter. C. W. Pribus. 2,571,756, Oct. 16.
Toggle lock. A. W. Gelpcke. 2,567,372, Sept. 11.
Toggle mechanism. A. Latour. 2,539,308, Jan. 23.
Toggle mechanism and switch incorporating same. A. R. Scholin. 2,571,623, Oct. 16.
Toggle spring. W. E. Stilwell, Jr. 2,571,170, Oct. 16.
Toilet article. H. A. R. Choquette. 2,545,342, Mar. 13.
Toilet attachment. R. R. Richards and W. K. Vietsch. 2,554,422, May 22.
Toilet bowl deodorant dispenser. E. S. Neal. 2,575,676, Nov. 20.
Toilet, Colostomy. L. C. Jacobs. 2,568,857, Sept. 25.
Toilet flush valve. J. S. Judell. 2,571,367, Oct. 16.
Toilet flushing valve. J. J. Rekar. 2,579,012, Dec. 18.
Toilet kit. M. H. Cline. 2,556,066, June 5.
Toilet paper dispenser. C. Boord. 2,555,531, June 5.
Toilet paper dispenser. L. P. Kirkland. 2,551,138, May 1.
Toilet paper dispenser. E. D. Sevenich. 2,565,994, Aug. 28.
Toilet paper holder. G. D. McDonald. 2,561,584, July 24.
Toilet, Rim wash. A. W. Groff. 2,558,680, June 26.
Toilet roll winder. S. J. Campbell. 2,569,797, Oct. 2.
Toilet seat. A. Calderon. 2,550,221, Apr. 24.
Toilet seat. A. Calderon. 2,575,208, Nov. 13.
Toilet seat cover. R. Liebling. 2,545,436, Mar. 20.
Toilet tissue cabinet. A. J. Scardina. 2,570,491, Oct. 9.

Toilet, Ventilated. T. R. Wilson. 2,575,778, Nov. 20.
Tone and density compensating device. F. A. Hester and J. W. Smith. 2,541,060, Feb. 13.
Tone and volume control. P. F. G. Holst and M. J. Nelson. 2,577,893, Dec. 11.
Tone arm. L. B. Cornwell. 2,547,441, Apr. 3.
Tone arm. R. S. John. 2,542,534, Feb. 20.
Tone arm and operating mechanism for automatic record changer phonographs. B. N. Fisher. 2,550,794, May 1.
Tone-arm and trip-arm system for automatic phonographs. E. N. Voegtlin, C. D. O'Neal, and H. E. Johnston. 2,577,051, Dec. 4.
Tone arm and support therefor. H. R. Molton. 2,541,430, Feb. 13.
Tone arm head. R. R. Majors. 2,538,694, Jan. 16.
Tone arm mounting. E. S. Maris. 2,554,950, May 29.
Tone arm, Phonograph. A. M. Gurewitsch. 2,568,447, Sept. 18.
Tone arm positioning mechanism. J. L. Morrison and W. Miller. 2,541,826, Feb. 13.
Tone control. G. A. Bonadio. 2,547,251, Apr. 3.
Tone control circuit. R. J. Cowles. 2,571,112, Oct. 16.
Tone control in photographic development. J. A. C. Yule. 2,541,490, Feb. 13.
Tone control in photography. J. A. C. Yule. 2,544,910, Mar. 13.
Tone generator. C. W. Larson. 2,573,975, Nov. 6.
Tone indicating mechanism for kettle-drums. W. F. Ludwig. 2,568,504, Sept. 18.
Tone modulator, Lever actuated drum. L. Meriwether. 2,572,504, Oct. 23.
Tone producing and amplifier control for electronic organs. F. M. Schmidt. 2,555,295, May 29.
Tone shaping circuit. F. M. Schmidt. 2,557,769, June 19.
Tong, Animal. G. L. Ott and K. L. Mills. 2,555,701, June 5.
Tong assembly. A. L. Stone. 2,567,039, Sept. 4.
Tongs. E. C. Ladewski. 2,561,704, July 24.
Tongs. J. L. Marco. 2,559,978, July 10.
Tongs, Animal handling. L. C. Pofferberger and C. M. Senter. 2,560,982, July 17.
Tongs, Curtain stretching. I. A. Eng. 2,579,913, Dec. 25.
Tongs, Fish and crab. W. L. Everett. 2,578,344, Dec. 11.
Tongs for bottles and the like, Lifting. C. G. Hudson. 2,541,819, Feb. 13.
Tongs for cleaning wads, Household. H. R. Culp. 2,536,873, Jan. 2.
Tongs for handling building blocks. A. Kargol. 2,578,072, Dec. 11.
Tongs for lift trucks, Charging. J. H. Jones. 2,578,070, Dec. 11.
Tongs, Hydraulic. I. X. Calhoun. 2,544,639, Mar. 13.
Tongs, Kitchen spoon. S. B. N. Igoe. 2,561,374, July 24.
Tongs, Lifting. M. R. Heppenstall. 2,536,932, Jan. 2.
Tongs, Pickup. F. C. Barr. 2,579,536, Dec. 25.
Tongs, Pipe. C. L. Coshow. 2,552,521, May 15.
Tongs, Power-driven pipe. J. P. De Hetre. 2,550,045, Apr. 24.
Tongs, Screen wire. P. J. Schmidt. 2,578,985, Dec. 18.
Tongue and box buckle, Combination. W. Ewanyk. 2,574,695, Nov. 13.
Tongue cleaner. L. N. Moore. 2,574,654, Nov. 13.
Tongue cleaner. J. A. Voss. 2,543,999, Mar. 6.
Tonsil enucleator. S. M. Cottrell. 2,544,588, Mar. 6.
Tonsillectome. H. R. Grieshaber. 2,577,616, Dec. 4.
Tonsorial device. N. Holsclaw. 2,543,631, Feb. 27.

Tool: *See*—
Abrading tool.
Abrasive tool.
Adjustable hand cultivating tool.
Aligning tool.
Annunciator torque tool.
Automatic transfer machine tool.
Automobile master brake cylinder tool.
Axial impact type rotary tool.
Axle stub-removing tool.
Battery post and cable terminal cleaner tool.
Bicycle coaster brake disk aligning tool.
Bladed tool.
Board tightening tool.
Boiler scaling tool.
Box tool.
Bridging plug setting tool.
Broaching tool.
Building block lifting tool.
Cable drilling tool.
Cable slitting tool.
Camber adjusting tool.
Cementing tool.
Centering tool.
Chamfering tool.
Clamp-on tool.
Cleat applying tool.
Clip-applying tool.
Coil winding tool.
Combination paper-cutting tool.
Combination tool.
Combination woodworking power tool.
Combined machine tool.
Combined thread cutting and stitch removing tool.
Compressing tool.
Compression tool.
Convertible hand tool.
Cutting and scraping tool.
Cutting, clipping, skinning, and shearing tool.
Cutting tool.
Cylinder sleeve removing tool.
Deflecting tool.
Dental tool.
Diamond impregnated dressing tool.
Diamond-set tool.
Dimpling tool.
Double hooked lid lifting tool.
Drill tool.
Drilling tool.
Edging tool.
Electrical branding tool.
Expansion nut setting tool.
Fencing tool.
Finishing tool.
Fire fighter's tool.
Fireplace tool.
Fishing tool.
Flaring tool.
Fluid pressure actuated cutting tool.
Fluid pressure-operated tire bead loosening tool.
Fluorescent lamp changing tool.
Forestry tool.
Formation testing tool.
Forming and cutting tool.
Forming tool.
Fowl eviscerating tool.
Garden cultivating tool.
Garden tool.
Gardener's tool.
Gardening tool.
Gasoline operated pneumatic tool.
Glass cutting tool.
Grinding tool.
Gripping and disassembling tool.
Groove cutting or inletting tool.
Grooving tool.
Hair singeing tool.
Hand cultivating and weeding tool.
Hand-harvesting tool.
Handhole refacing tool.
Hand-manipulated fur treating tool.
Hand-operated scraper tool.
Hand power tool.
Hand weeding and cultivating tool.
Handle-actuated blind riveting tool.
Heat sealing tool.
Hose clamp tool.
Hot-line tie-in tool.
Hub bolt rethreading and peening tool.
Hydraulic cutting tool.
Hydraulic impact tool.
Hydraulic side wall coring tool.
Hydraulically operable sidewall coring tool.
Hydraulically operated machine tool.
Impact tool.
Internal-combustion percussion tool.
Internal-combustion percussive tool.
Internal grooving and reaming tool.
Kitchen tool.
Knurling tool.
Lapping tool.
Laterally rocking type tire removing hand tool.
Lead cutting tool.
Lever type tire bead loosening tool.
Locating tool.
Machine tool.
Magnetic fishing tool.
Manually operated impact tool.
Mechanic's tool.
Metal cutting tool.
Micrometer scribing tool.
Micrometer measuring and scribing tool.
Micrometrically adjustable boring tool.
Motor-driven tool.
Multiple lever tool.
Multiple station machine tool.
Nail-cutting tool.
Nibbling tool.
Pallet stone setting tool.
Parachute packing tool.
Paring and shelling tool.
Paring or coring tool.
Patch inserting tool.
Pattern controlled machine tool.
Percussive tool.
Pipe fitting tool.
Pipe gripping tool.
Pipe parting tool.
Pipe upsetting and hot broaching tool.
Piston regrooving tool.
Plier type shot splitting tool.
Plier type tile piercing tool.
Portable clipping tool.
Portable conduit-gripping tool.
Portable cylinder grinding tool.
Portable machine tool.
Portable power-driven tool.
Portable sander tool.
Portable spin riveting tool.
Portable tool.
Positive grip lifting tool.
Power-driven tool.
Power-operated pipe-cutting tool.
Power-operated portable tool.
Power-operated self-anchoring tree-cutting tool.
Power-operated wood carving tool.
Power tool.
Pruning tool.
Pulling tool.
Punching tool.
Putty tool.
Regrooving tool.
Rethreading tool.
Rivet feeding tool.
Riveting tool.
Rotary abrading tool.
Rotary carving tool.
Rotary cleaning tool.
Rotary cutting tool.
Rotary impact hand tool.
Rotary pneumatic tool.
Rotary tool.
Rotator valve cap clearance checking tool.
Safety joint tool.
Sander tool.
Sanding and buffing tool.
Sanding tool.
Screw and nut driving tool.
Screw driver aligning tool.
Screw-thread swaging tool.
Serving tool.
Setting tool.
Shaft measuring tool.
Sheet metal handling tool.
Sheet metal lifting tool.
Sheet metal working tool.
Slide fastener tool.
Slide percussion tool.
Sliding die type drip molding tool.
Soldering tool.
Squeegee type cleaning tool.
Stock cutting dowel forming tool.
Sucker rod fishing tool.
Surface conditioning tool.
Surface finishing ironing tool.
Surgical clamp tool.
Suspended crimping tool.
Tag forming tool.
Tappet adjusting tool.
Temple shaping tool.
Thread chasing tool.
Thread-cutting tool.
Tire bead and retaining ring tool.
Tire tool.
Tobacco pipe combination tool.
Tube beading tool.
Turfing tool.
Two-part strap cutting tool.
Two-speed driving tool.
Under-cutting tool.
Valve adjusting tool.
Valve assembly hand tool.
Valve repair tool.
Valve spring compressing tool.
Valve stem bending tool.
Valve turning tool.
Vibrating tool.
Wall finish grooving tool.
Well tool.
Wheel manipulating tool.
Wire stripping tool.
Wire tightening tool.
Wire tool.

Tool. W. A. Barnes. 2,539,294, Jan. 23.
Tool. W. D. Brown. 2,579,360, Dec. 18.
Tool. L. J. Charipar. 2,578,126, Dec. 11.
Tool. D. S. Ritchie. 2,540,292, Feb. 6.

Tool. F. J. Wenger. 2,560,318, July 10.
Tool actuating unit. W. J. Neisingh. 2,539,921, Jan. 30.
Tool and control mechanism therefor, Eyelet setting. J. A. Welebny. 2,564,617, Aug. 14.
Tool and method, Lens grinding. A. J. Holman. 2,541,873, Feb. 13.
Tool assembly for placing and holding locking members on valve stems. E. B. McSherry. 2,546,010, Mar. 20.
Tool attachment. H. O. Thompson. 2,553,688, May 22.
Toolbox with reel and apron. J. M. Miller. 2,561,707, July 24.
Tool carrying kit, Gardening. H. D. Morris and C. H. Eliason. 2,554,680, May 29.
Tool case. I. I. Feld. 2,565,680, Aug. 28.
Tool checking fixture. O. E. Staples. 2,539,597, Jan. 30.
Tool chuck. R. Lee. 2,570,570, Oct. 9.
Tool comprising bonded abrasive element cemented to supporting element, Abrasive. E. E. Howard and G. J. Goepfert. 2,552,485, May 8.
Tool drive and adapter therefor, Stem-and-socket. B. P. Sparks. 2,549,397, Apr. 17.
Tool driving apparatus, Power-operated. M. M. Cohen. 2,544,219, Mar. 6.
Tool feed for lathes. L. E. Godfriaux. 2,579,566, Dec. 25.
Tool feed for lathes, Hydraulic follow-up. C. H. Johnson. 2,569,526, Oct. 2.
Tool feeding mechanism for lens generators. J. R. Turner and G. H. Bullock. 2,571,793, Oct. 16.
Tool for applying antiskid chains. D. G. Trowbridge. 2,558,994, July 3.
Tool for applying antiskid chains to tires, Flexible. A. Ghillany. 2,543,625, Feb. 27.
Tool for applying binding strap to railroad sleepers. G. C. Delor. 2,572,323, Oct. 23.
Tool for applying repair plates to pipe lines. G. Raymond and V. C. Harris. 2,557,202, June 19.
Tool for applying threadless fasteners. G. A. Tinnerman and J. F. Rafferty. 2,575,320, Nov. 13.
Tool for assembling radiator sections or the like. R. L. Calbeck. 2,560,929, July 17.
Tool for body and fender straightening, Pivoted hand. C. H. Sparhawk. 2,539,040, Jan. 23.
Tool for breaking concrete and the like. V. Neamand. 2,557,195, June 19.
Tool for carpet anchor strips. J. J. Holmes. 2,557,000, June 12.
Tool for circular knitting machines, Needle replacement. J. E. Carnes, Jr. 2,578,506, Dec. 11.
Tool for cleaning and polishing tubing ends and fittings. L. Witham. 2,545,329, Mar. 13.
Tool for cleaning pipes and fittings. J. E. Cotton. 2,551,875, May 8.
Tool for contracting hollow watch parts. L. A. and J. A. Cormier. 2,566,695, Sept. 4.
Tool for cutting dentures. F. M. Knapik. 2,545,521, Mar. 20.
Tool for dispensing, clamping, and cutting flexible strands. L. A. Frum. 2,544,784, Mar. 13.
Tool for dressing cement surfaces. L. A. Knight. 2,539,629. Jan. 30.
Tool for drilled wells, Hydraulic type fishing. G. W. Moore. 2,550,080, Apr. 24.
Tool for expanding and contracting culvert bands. H. W. Laschke. 2,566,454, Sept. 4.
Tool for expanding cylinder liners. A. M. Brenneke. 2,575,938, Nov. 20.
Tool for facilitating the removal of spring clips from sprocket chains and the like. P. J. Imse. 2,577,193, Dec. 4.
Tool for fire sprinklers, Emergency shutoff. H. R. Auguste. 2,555,461, June 5.
Tool for forcing a tire bead from its associated rim flanges, Portable. L. Vanleirsberghe. 2,568,874, Sept. 25.
Tool for forming and installing impressionable comminuted or plastic packing, Packing. E. E. Brown. 2,574,169, Nov. 6.
Tool for freeing stuck window sashes, Scraping. O. J. Le Boeuf. 2,568,012, Sept. 18.
Tool for handling open-ended spring retaining rings. L. W. Schaaff. 2,546,616, Mar. 27.
Tool for hanging doors. C. L. Cramer. 2,570,430, Oct. 9.
Tool for hanging wallpaper. L. C. Riebe. 2,548,393, Apr. 10.
Tool for inserting and removing stud bolts. R. A. Valvano. 2,571,968, Oct. 16.
Tool for installing inserts. J. Rosan. 2,550,866, May 1.
Tool for internal-combustion engines, Glaze breaking. J. Keiser. 2,560,727, July 17.
Tool for joint securing elements, Applicator. L. B. Green. 2,558,131, June 26.
Tool for loosening tire beads from rim flanges, Pivoted hand. E. Schmid. 2,579,868, Dec. 25.
Tool for making powder holes, Impact. H. H. Van Pelt. 2,574,605, Nov. 13.
Tool for marking animals' ears for identification. A. H. Cooke and R. H. Mumford 2,570,048, Oct. 2.
Tool for metal containers having a split ring locking clamp, Lever and wrench operated closing. J. J. Kojan and L. A. Witucky. 2,555,194, May 29.
Tool for milling tubular workpieces, Machine. B. V. Miller. 2,551,331, May 1.
Tool for oil wells, Wire line cleanout. E. L. Condra. 2,552,939, May 15.
Tool for pantographic jewelry engraving machines, Engraving. N. Schimmel. 2,557,148, June 19.
Tool for pipes or the like, Marking. E. Smith. 2,569,349, Sept. 25.
Tool for positioning a stud on a sill. F. Rienecker. 2,575,595, Nov. 20.
Tool for pottery ware, Jiggering. D. M. Edgar. 2,559,352, July 3.
Tool for preparing pipes and fittings for soldered, brazed, or coupling assemblies. L. G. Pick. 2,556,041, June 5.
Tool for producing knitted fabrics incorporating weft threads. O. Wahle. 2,538,635, Jan. 16.
Tool for rail bond conductors, Bending. J. R. Wilson. 2,548,414, Apr. 10.
Tool for reaming holes in pneumatic tire casings. P. E. Hawkinson. 2,561,472, July 24.
Tool for removing hub retaining nuts. R. M. Scovill. 2,562,131, July 24.
Tool for removing radio tubes and vibrators. A. C. Pothier and A. C. Howe. 2,547,138, Apr. 3.
Tool for removing the slide from a slide fastener. J. H. McDonald and J. J. Evans. 2,542,201, Feb. 20.
Tool for removing tire casings from rims, Pry. J. F. Neville. 2,560,885, July 17.
Tool for repairing spindles, Expansible. C. De Lancey. 2,563,993, Aug. 14.
Tool for reshaping deformed automobile body parts. R. E. Ferguson. 2,569,519, Oct. 2.
Tool for scaling fish. A. A. Kollander. 2,536,065, Jan. 2.
Tool for separating the beads of a tire from a rim flange. G. F. Colley. 2,563,987, Aug. 14.
Tool for sharpening agricultural implements. W. A. Bodge. 2,567,868, Sept. 11
Tool for shaving down local protuberances. J. Plester. 2,578,371, Dec. 11.
Tool for small articles, Gripping and holding. G. E. Frazier. 2,563,677, Aug. 7.
Tool for splicing wires. F. R. Miller. 2,549,838, Apr. 24.
Tool for splitting metal nuts. R. R. Beezley. 2,558,641, June 26.
Tool for strips of leather, Cutting. J. Engeln. 2,559,291, July 3.
Tool for taper threadings, Machine. H. L. Berkey. 2,557,069, June 19.
Tool for the fragmentation of wood and other fibrous substances, Rotary cutting. C. E. R. Vazieux and L. H. Prouteau. 2,564,551, Aug. 14.
Tool for tire inner tubes and the like rubber goods, Clamping and stretching. R. Vachon. 2,548,506, Apr. 10.
Tool for turret lathes, Roller box. A. Saunders. 2,554,640, May 29.
Tool for twisting wire leaders. M. L. Whaley. 2,550,130, Apr. 24.
Tool for upsetting internally threaded rivets. H. E. Wilt and R. H. Gill. 2,575,479, Nov. 20.
Tool for use in armature winding machines. W. Swift. 2,536,582, Jan. 2.
Tool for use in replacing insulators in switch banks. F. A. Anderson. 2,546,810, Mar. 27.
Tool for use on plaster or the like. L. J. Eiden and C. R. Magers. 2,551,105, May 1.
Tool for vacuum tube terminal plugs, Straightening. S. J. Hoffman and F. W. Burwen. 2,573,198, Oct. 30.
Tool grinding apparatus. E. C. Oliver. 2,542,562, Feb. 20.
Tool grinding machine. A. M. Kroczek. 2,578,309, Dec. 11.
Tool hand piece, Rotary. A. A. Bamberger. 2,536,017, Jan. 2.
Tool handle. A. Carden. 2,572,444, Oct. 23.
Tool handle and blade linkage, Cutting. M. Kosik. 2,546,073, Mar. 20.
Tool having a spring loaded scissor-like action. L. J. Smyth. 2,562,828, July 31.
Tool having hooklike elements connected to a flexible rod by fully reversible, freely operable hinge joints, and hooklike elements therefor, Cleaning. A. N. Kraft. 2,569,008, Sept. 25.
Toolhead wedge. R. C. Bassett. 2,539,719, Jan. 30.
Toolholder. H. C. Clatfelter. 2,540,568, Feb. 6.
Toolholder. R. A. Edens. 2,540,937, Feb. 6.
Toolholder. W. Edlich and W. Theobald. 2,543,661, Feb. 27
Toolholder. H. Hoffart. 2,556,723, June 12.
Toolholder. E. R. Koonz. 2,536,376, Jan. 2.
Toolholder. R. Kramer. 2,579,082, Dec. 18.
Toolholder. J. Motel. 2,569,069, Sept. 25.
Toolholder. H. G. Norlander. 2,559,895, July 10.
Toolholder. H. Nusshold. 2,573,480, Oct. 30.
Toolholder. W. B. Retz. 2,550,645, Apr. 24.
Toolholder. G. W. Sharp. 2,553,151, May 15.
Toolholder. M. J. Steffes. 2,577,043, Dec. 4.
Toolholder. A. M. Stoner. 2,552,694, May 15.
Toolholder. M. E. Waters. 2,559,742, July 10.
Toolholder and toolholder block combination. P. Brekke. 2,571,530, Oct. 16.
Toolholder, Boring and trepanning. M. J. Schlitters. 2,564,728, Aug. 21.
Toolholder ejecting mechanism. P. H. de la Cour. 2,564,521, Aug. 14.
Toolholder, Floating. M. L. Benjamin and F. E. Winnen. 2,570,752, Oct. 9.
Toolholder, Lathe. H. A. Randall. 2,540,289, Feb. 6.

Toolholder, Releasable and reversible floating. T. R. Jones. 2,549,972, Apr. 24.
Toolholders for lathes. E. O. Lehmann. 2,549,493, Apr. 17.
Toolholders, Releasing threading. R. Beacom. 2,564,666, Aug. 21.
Toolholding device for machine tools. L. E. H. Gustavsson. 2,549,967, Apr. 24.
Tool joint. R. W. Brown. 2,539,057, Jan. 23.
Tool joint. R. V. Browning. 2,552,147, May 8.
Tool joint. W. W. Gill. 2,548,600, Apr. 10.
Tool joint. M. G. McCool. 2,540,900, Feb. 6.
Tool joint wear collar. E. G. Boice. 2,546,295, Mar. 27.
Tool kit, Automobile. B. T. Wright. 2,576,327, Nov. 27.
Tool lifter. W. F. Raffke. 2,538,629, Jan. 16.
Tool-manipulator attachment for artificial arms. M. Lux. 2,561,523, July 24.
Tool on electric hammer, Rotary. C. S. Weyandt and W. V. Spurlin. 2,536,971, Jan. 2.
Tool or the like, Grooving. N. F. Tiemann. 2,558,111, June 26.
Tool post. T. W. Gaillard. 2,571,559, Oct. 16.
Tool post, Indexing turret. R. L. Beekman. 2,547,616, Apr. 3.
Tool primarily for puncturing cattle ears, Hand perforating or like. B. G. Horstmann. 2,555,133, May 29.
Tool rest for grinding machines. H. T. Scott. 2,555,707, June 5.
Tool setter for lathes. D. L. Morris. 2,542,938, Feb. 20.
Tool slide for lathes and the like devices, Hydraulic. S. L. Casella, R. Kurzweil, and J. J. Pesqueira. 2,563,918, Aug. 14.
Tool structure, Boring. O. R. Briney, Jr. 2,558,815, July 3.
Tool-supporting device. E. C. Oliver. 2,574,586, Nov. 13.
Tool to determine the proper angles of the cutting lips of twist drills. S. M. Goodrich. 2,542,407, Feb. 20.
Tool with automatically-retirable chaser, Thread-cutting. R. M. Strickland. 2,557,040, June 12.
Tool with cushioned hand grip. C. B. King. 2,579,930, Dec. 25.
Tool with feed channel in base, Button attaching. N. E. Lyon. 2,538,255, Jan. 16.
Tool with resiliently urged longitudinally shiftable upsetting element, Grommet applying. J. W. Wiesmann. 2,578,619, Dec. 11.
Tool with retirable chasers, Thread-cutting. R. M. Strickland. 2,549,543, Apr. 17.
Tool with work clamp, Wire-bending. L. R. Vines. 2,554,350, May 22.
Tooth and blade in mower bar assembly, Detachable. J. F. Hansen. 2,560,222, July 10.
Toothbrush. J. C. Levine. 2,556,500, June 12.
Toothbrush and casing therefor. B. W. Boothroyd. 2,544,130, Mar. 6.
Toothbrush and dentifrice container. H. S. Parsons. 2,579,695, Dec. 25.
Toothbrush and dentifrice pack. J. F. Waters. 2,576,551, Nov. 27.
Toothbrush and massaging device, Combined. E. R. Kenna. 2,574,789, Nov. 13.
Toothbrush, Disposable. A. Greenberg. 2,550,190, Apr. 24.
Toothbrush having removable bristle element. F. Artale. 2,558,332, June 26.
Toothbrush holder. P. J. Fillman. 2,559,863, July 10.
Toothbrush holder. L. C. Mote. 2,549,115, Apr. 17.
Toothbrush holder. M. Perlin. 2,544,856, Mar. 13.
Toothbrush holder. A. M. Rosier. 2,570,380, Oct. 9.
Toothbrush holder. H. S. Spears. 2,538,337, Jan. 16.
Toothbrush holder for children. D. Scanlon and W. G. Hackett. 2,539,035, Jan. 23.
Toothbrush, Motor-driven rotary. D. M. Martinez. 2,562,805, July 31.
Toothbrush, Retractable and folding. M. E. Sherland, Sr. 2,579,343, Dec. 18.
Toothbrush, Single-use. E. P. Cressler. 2,548,255, Apr. 10.
Toothbrush with divergent sweep-action tuft rows. G. W. Pifer. 2,567,080, Sept. 4.
Toothbrush with slidable ejector, Dispensing type. L. W. Tirocchi and W. F. Decesare. 2,536,968, Jan. 2.
Tooth clamping device for combs. M. Wood. 2,57,098, Dec. 4.
Tooth for rotary earth cutting means, Replaceable. H. C. Hettelsater and G. L. Gavin. 2,549,088, Apr. 17.
Tooth for sulky rakes. P. E. Kamp. 2,559,252, July 3.
Tooth paste dispenser. J. L. Booth. 2,570,755, Oct. 9.
Top and launcher. H. H. Szonnell. 2,561,601, July 24.
Top, Bubble blowing. W. J. Gray. 2,556,756, June 12.
Top construction, Folding. J. W. Votypka. 2,559,482, July 3.
Top enclosure for beds, Collapsible. P. Doane. 2,563,399, Aug. 7.
Top feed and presser means for sewing machines. F. W. Beck, R. J. Babka, and R. H. Lukins. 2,544,549, Mar. 6.
Top for automobiles, Folding. J. W. J. Ackermans. 2,549,153, Apr. 17.
Top for boats, Adjustable. A. Lindsey. 2,566,572, Sept. 4.
Top for furniture, Attachable or detachable. S. A. Flowers. 2,542,648-9, Feb. 20.
Top for ironing boards, Metal. G. S. Krantz. 2,542,818, Feb. 20.
Top for ironing boards or tables, Adjustable. G. S. Krantz. 2,562,046, July 24.
Top for transportation devices and the like, Collapsible. H. F. George. 2,548,105, Apr. 10.
Top for vehicle bodies, Foldable. T. Vigmostad. 2,560,496, July 10.
Top, Jingle bell. G. H. W. Schultz. 2,558,464, June 26.
Top, Spinning. S. J. Drobniewski. 2,546,218, Mar. 27.
Top structure for Venetian blinds. B. B. Junkunc. 2,569,173, Sept. 25.
Top with agitator for powder cans, Rotatable perforated. J. J. Mackert. 2,545,624, Mar. 20.
Topper, Onion. A. E. F. Lenz. 2,553,519, May 15.
Topper with top cleaning means, Beet. C. W. Walz and H. F. Clausen. 2,557,711, June 19.
Topping device for sugar beet and like root crops. J. B. Murray. 2,541,777, Feb. 13.
Topping machine, Beet. O. H. and N. A. Block. 2,544,650, Mar. 13.
Topping means for beet harvesters. E. L. Wilkins. 2,539,881, Jan. 30.
Torch and electrode, Arc welding. A. A. Bernard. 2,554,236, May 22.
Torch, Cutting. E. H. Smith. 2,552,873, May 15.
Torch for delivering heated compressed air, Pocket. J. Reize. 2,557,010, June 12.
Torch handling apparatus. E. L. Launder. 2,568,074, Sept. 18.
Torch, Welding. R. P. Kissick. 2,547,872, Apr. 3.
Torch, Welding and cutting. P. Barbeck. 2,549,360, Apr. 17.
Torpedo depth control gear. L. Jones. 2,571,722, Oct. 16.
Torpedo, Sectionalized. T. A. Daly. 2,572,116, Oct. 23.
Torpedo, Self-controlled. L. A. V. Rozas. 2,551,295, May 1.
Torque and speed responsive clutch. R. A. Yoder. 2,564,826, Aug. 21.
Torque applying means for rotating gimbal type gyroscopes. D. F. Anderson. 2,552,132, May 8.
Torque changer and variable speed transmission, Combined. P. H. Marsell. 2,552,010, May 8.
Torque control for hydraulic clutches, Variable pressure-responsive. J. R. Thomas. 2,548,920, Apr. 17.
Torque controlled well jar. E. O. Lowe. 2,562,320, July 31.
Torque converter. L. E. Dougherty. 2,565,551, Aug. 28.
Torque converter. W. T. Dunn. 2,548,207, Apr. 10.
Torque converter. H. Ernst. 2,546,062, Mar. 20.
Torque converter, Fluid. S. E. Harris. 2,549,308, Apr. 17.
Torque converter fluids. H. R. Kemmerer. 2,549,377, Apr. 17.
Torque converter, Rotary turbine-type hydraulic. P. Orr. 2,550,082, Apr. 24.
Torque distributing drive. J. P. Kolb. 2,555,413, June 5.
Torque indicating device for capping machines of the turning type. L. T. Crabbe. 2,552,407, May 8.
Torque indicator. A. B. Chudyk. 2,545,650, Mar. 20.
Torque limiter. T. F. Garrahan, Jr. 2,578,533, Dec. 11.
Torque limiting clutch. J. J. Flaton. 2,550,795, May 1.
Torque-limiting wrench. W. F. Hoag and C. F. Carlson. 2,576,069, Nov. 20.
Torque meter. E. A. Gallo and W. F. Meyers. 2,562,710, July 31.
Torque meter. C. Hart. 2,550,693, May 1.
Torque meter in gear drives. L. Haworth and C. B. Taylor. 2,578,474, Dec. 11.
Torque responsive apparatus. H. Schaevitz. 2,563,425, Aug. 7.
Torque transmitting and cushioning means. S. L. Mesirow. 2,542,154, Feb. 20.
Torque transmitting angle coupling. A. H. Rzeppa. 2,559,093, July 3.
Torque-transmitting apparatus, Dynamoelectric. C. T. Hayes. 2,542,138, Feb. 20.
Torque - transmitting coupling. A. C. Sampietro. 2,563,424, Aug. 7.
Torque type well jar. E. O. Lowe. 2,562,321, July 31.
Torsion brake release spring. L. H. Heuer. 2,577,964, Dec. 11.
Torsion indicating device. E. T. Howes. 2,566,566, Sept. 4.
Torsion meter system. L. G. Tubbs. 2,579,629, Dec. 25.
Torsion-rod means for holding grinding rollers in adjustable cooperation with opposing grinding elements. J. Moritz. 2,574,346, Nov. 6.
Torsion rod suspension for vehicles. A. F. Hickman. 2,542,026, Feb. 20.
Torsion spring suspension. J. J. Wharam and J. J. Felts. 2,561,548, July 24.
Torsion transmitting glass shaft and manufacture. J. L. Rodgers, Jr. and A. M. Howald. 2,573,361, Oct. 30.
Torsional balance device. W. R. Jack and E. M. Brinker. 2,574,395, Nov. 6.
Torsional vibration dampener. G. S. Butenkoff. 2,573,398, Oct. 30.
Total taking means for calculating machines. H. M. Fleming. 2,549,186, Apr. 17.
Total transfer mechanism for calculating machines. U. Gatti. 2,542,131, Feb. 20.
Totalizator. M. R. Klein. 2,557,384, June 19.

Totalizator arrangement, Multistake. A. F. Julius. 2,558,218, June 26.
Totalizator system. A. J. Johnston. 2,563,041, Aug. 7.
Totalizer arrangement, Selectively operable shiftable. J. Lydfors. 2,556,762, June 12.
Totalizer, Egg. H. J. Mumma. 2,540,751, Feb. 6.
Totalizer, Egg. H. J. Mumma. 2,568,758, Sept. 25.
Totalizer for stylus recording meters, Printing. W. E. Dueringer. 2,544,919, Mar. 13.
Totalizer selector means for computing and recording machines. A. C. Seymour. 2,573,934, Nov. 6.
Totalizing liquid level gauge. A. Wickesser. 2,537,498, Jan. 9.
Totalizing system for plural toll stations. W. R. Funk. 2,555,405, June 5.
Tote box and rack therefor. R. K. Davidson and W. Bacon. 2,574,692, Nov. 13.
Tough styrene-olefin copolymers containing two to ten per cent of wax. W. J. Sparks and P. E. Hardy. 2,580,050, Dec. 25.
Toupee stabilizer and skin smoothing device. J. Kriegel. 2,555,494, June 5.
Tourmaline crystal elements for pressure gauges. D. Silverman. 2,556,558, June 12.
Tourniquet. D. Cohen. 2,567,182, Sept. 11.
Tourniquet. W. R. Livingston and B. W. Hancox. 2,571,461, Oct. 16.
Tourniquet clamp. O. L. Engstrom. 2,577,008, Dec. 4.
Tow bar. F. S. Rettinger. 2,575,596, Nov. 20.
Tow bar. V. T. Whitlow. 2,559,487, July 3.
Tow-bar brake actuator. D. Mettetal, Jr. 2,575,183, Nov. 13.
Tow bar brake control. H. G. Yoder. 2,571,323, Oct. 16.
Tow cable. R. W. Weeks. 2,555,430, June 5.
Tow hitch. J. J. Nelson. 2,540,591, Feb. 6.
Towing assembly, Boat. J. G. Dustin and L. Johnson. 2,570,656, Oct. 9.
Towing bracket for hydrodynamic testing, Motor operated. F. H. Swaim. 2,557,157, June 19.
Towing device. R. W. Weeks and R. L. Black. 2,568,425, Sept. 18.
Towing device for golf bag carts and the like. R. H. McBride. 2,559,981, July 10.
Towel cabinet. F. C. Peacock and J. B. Engel. 2,569,828, Oct. 2.
Towel-dispensing apparatus. T. E. Evans. 2,538,238, Jan 16.
Towel unwinding and folding machine. P. W. Jespersen. 2,574,642, Nov. 13.
Tower bubble cap tray, Fractionating. L. W. T. Cummings. 2,545,651, Mar. 20.
Tower, Distillation. J. S. Swearingen. 2,554,428, May 22.
Tower, Evaporative and capillarity. P. A. Sodano. 2,546,479, Mar. 27.
Tower for use in trimming trees, Portable. W. R. Fleming, Jr. 2,542,497, Feb. 20.
Tower ladder safety device. R. H. Herod. 2,538,904, Jan. 23.
Tower, Water-cooling. L. E. Brackney. 2,540,091, Feb. 6.
Toy, Action. W. P. Doe, L. W. Sly, and H. G. Fisher. 2,580,346, Dec. 25.
Toy airplane. S. E. Carney and C. H. Miriani. 2,561,179, July 17.
Toy airplane and control device therefor, String propelled. W. R. Taggert. 2,538,132, Jan. 16.
Toy airplane construction. W. P. Babcock. 2,555,670, June 5.
Toy airplane construction. E. F. Sands, Jr. 2,551,340, May 1.
Toy airplane projector. R. D. Hockett. 2,565,176, Aug. 21.
Toy airplane projector, Repeating. L. I. Vaaler and I. J. Hagemo. 2,572,782, Oct. 23.
Toy airplane rotator. F. E. Stifter. 2,561,760, July 24.
Toy and model railway car truck. M. Wojtowicz. 2,556,952, June 12.
Toy, Animated. G. V. Sauer. 2,539,330, Jan. 23.
Toy, Animated bird. C. Rouse. 2,560,481, July 10.
Toy, Animated smoke emitting. A. Goldfarb. 2,546,123, Mar. 20.
Toy animator, Electrostatic. W. E. Quillen. 2,553,111, May 15.
Toy apparatus, Movable letter, word forming. C. M. Radford. 2,564,502, Aug. 14.
Toy, Aquatic. F. J. Scharkopf. 2,551,055, May 1.
Toy automobile, Impulse propelled. H. W. Jenkins. 2,546,223, Mar. 27.
Toy axle and wheel assembly. I. Thomas. 2,568,374, Sept. 18.
Toy, Backboard and hoop. C. S. Redding. 2,570,860, Oct. 9.
Toy, Balancing. H. W. Goosmann. 2,551,668, May 8.
Toy, Ball. H. E. Gelb and C. Young. 2,563,019, Aug. 7.
Toy, Ball bouncing pull. G. Mysels. 2,578,579, Dec. 11.
Toy, Balloon. R. A. Dunn and F. W. Kelleher. 2,565,679, Aug. 28.
Toy balloon. C. W. Myers. 2,540,403, Feb. 6.
Toy balloon with internal illumination. G. S. Roxburgh. 2,542,361, Feb. 20.
Toy balloon with noise maker attachment. S. Z. Raab. 2,553,941, May 22.
Toy battleship. E. W. Koepnick. 2,558,257, June 26.
Toy bead chain. G. B. Hume. 2,540,369, Feb. 6.
Toy bell, Ringing. A. Damast. 2,546,389, Mar. 27.
Toy, Bird animal figure. A. J. Stephens. 2,558,795, July 3.
Toy blocks, Magnetic. H. and V. Zimmerman. 2,570,625, Oct. 9.
Toy boat, Jet propelled. C. J. Yates and R. K. Gibbs. 2,538,347, Jan. 16.
Toy building and puzzle, Combined. C. V. Johnson. 2,569,107, Sept. 25.
Toy building blocks and base. C. Pool. 2,565,823, Aug. 28.
Toy cable car system. A. Bianchi and W. H. Harman. 2,576,994, Dec. 4.
Toy, Catchless pull. J. Elmer. 2,558,348, June 26.
Toy chain. N. Beck and W. Borcovec. 2,576,439, Nov. 27.
Toy, Child's riding. G. V. Glumer and J. M. Romero. 2,545,231, Mar. 13.
Toy, Climbing. R. K. Hallum. 2,550,065, Apr. 24.
Toy, Climbing. F. G. Schelm. 2,565,096, Aug. 21.
Toy, Coaster. F. J. Scharkopf. 2,545,972, Mar. 20.
Toy, Color spinner. L. Hornbostel. 2,557,348, June 19.
Toy, Combination roller. P. H. Herrick. 2,546,822, Mar. 27.
Toy combine. K. E. Wisslead. 2,564,825, Aug. 21.
Toy Construction. A. L. Newbery. 2,568,557, Sept. 18.
Toy construction element. J. de Swart. 2,577,702, Dec. 4.
Toy construction element. W. A. Starck. 2,558,591, June 26.
Toy, Counting. C. E. McCormick. 2,559,309, July 3.
Toy coupling. C. Nehrke. 2,578,368, Dec. 11.
Toy crane. F. H. Stickle. 2,567,083, Sept. 4.
Toy device and inclined support, Wheeled. M. Fleishman. 2,559,865, July 10.
Toy device for rocking chairs, Musical. M. Goodman and J. Di Franco. 2,550,991, May 1.
Toy, Educational. R. J. Scherf. 2,542,948, Feb. 20.
Toy, Educational. A. Shulman. 2,543,998, Mar. 6.
Toy, Educational. E. Wold. 2,539,765, Jan. 30.
Toy, Educational ball runway. R. J. Rivers. 2,543,380, Feb. 27.
Toy, Educational talking. B. and A. N. Segal. 2,547,603, Apr. 3.
Toy, Educational talking. B. Segal and L. Salit. 2,579,872, Dec. 25.
Toy ejecting device. G. Weiss. 2,541,392, Feb. 13.
Toy, Electric. S. P. Roshak. 2,537,281, Jan. 9.
Toy, Electromechanical. R. L. Chenault. 2,570,766, Oct. 9.
Toy excavator. J. A. Thierry. 2,563,974, Aug. 14.
Toy excavator shovel. G. A. Worrall. 2,556,355, June 12.
Toy extension ladder assembly. A. R. Mills. 2,551,036, May 1.
Toy, Figure. R. E. Dorshaw. 2,550,407, Apr. 24.
Toy figure, Partially expandible. H. M. Wescott. 2,559,909, July 10.
Toy film viewer. M. M. Brown. 2,570,913, Oct. 9.
Toy, Finger-operated boxing. H. Schechtel. 2,569,260, Sept. 25.
Toy, Flying. R. J. Stephan. 2,548,748, Apr. 10.
Toy, Flying top-ring. D. Donovan. 2,564,053, Aug. 14.
Toy, Folding. H. A. Feigelman. 2,556,323, June 12.
Toy, Folding pull. P. S. Bolger. 2,577,102, Dec. 4.
Toy for blowing smoke-filled bubbles. M. A. Brosseit. 2,566,296, Sept. 4.
Toy, Gear. W. Ayres. 2,545,131, Mar. 13.
Toy glider. E. K. Jackle. 2,538,522, Jan. 16.
Toy gun. F. A. Lennberg, Jr. 2,548,984, Apr. 17.
Toy gun. V. V. Muggli. 2,578,198, Dec. 11.
Toy gun for discharging air bullets. G. Weiss. 2,543,651, Feb. 27.
Toy gun, Pellet projecting. B. C. Lowe. 2,542,777, Feb. 20.
Toy gun, Repeating rubber band. A. G. Herring. 2,573,142, Oct. 30.
Toy gun, Repeating rubber band. L. D. Wright and T. C. Swope. 2,576,248, Nov. 27.
Toy gun, Self-feeding paper bursting. O. A. Langos. Re. 23,386, July 3.
Toy, Hammer. E. Szantay. 2,540,060–61, Jan. 30.
Toy handcar. H. Machesney. 2,549,980, Apr. 24.
Toy helicopter. P. E. Bisch and D. T. Dobbins. 2,537,393, Jan. 9.
Toy, Highway. L. B. Pogreba. 2,554,211, May 22.
Toy horse. C. Morgan. 2,572,878, Oct. 30.
Toy house construction. J. Brunetti. 2,560,155, July 10.
Toy, Illuminated whirling. A. A. Gussa. 2,567,600, Sept. 11.
Toy in the nature of an animated, climbing figure, Manually manipulable. J. J. Huntsberry. 2,547,943, Apr. 10.
Toy, Inertia-operated climbing. R. K. Ostrander. 2,572,752, Oct. 23.
Toy, Inflatable jet-propelled elastic. L. Costea. 2,549,428, Apr. 17.
Toy jack. E. F. Morey. 2,568,289, Sept. 18.
Toy jet vehicle. M. J. Pollak. 2,545,586, Mar. 20.
Toy, Leaping figure. R. A. Miskin. 2,570,584, Oct. 9.
Toy locomotive. R. Camuso. 2,551,416, May 1.
Toy machine gun. S. I. Berger. 2,574,952, Nov. 13.
Toy machine gun. S. J. Conover. 2,565,910, Aug. 28.
Toy machine gun. J. P. Marcy. 2,566,090, Aug. 28.
Toy, Mechanical boxer. T. R. Berry. 2,538,744, Jan. 23.
Toy, Mechanical ski. G. Poli. 2,566,141, Aug. 28.
Toy merry-go-round. E. Centofanti. 2,569,922, Oct. 2.

Toy military tank. H. Fornary. 2,551,109, May 1.
Toy milking cow. M. Shrier. 2,536,518, Jan. 2.
Toy, Movable figured push. E. R. Pringle. 2,570,709, Oct. 9.
Toy, Moving figure. M. Zang. 2,579,246, Dec. 18.
Toy, Musical. E. Dobrowsky. 2,554,941, May 29.
Toy, Musical. B. Lee. 2,552,288, May 8.
Toy musical instrument. H. Zimmerman. 2,541,143, Feb. 13.
Toy musical instrument, Child's. D. Rosenheim. 2,572,818, Oct. 23.
Toy, Musical play pen. S. Zuckerman. 2,577,497, Dec. 4.
Toy parachute and projector therefor. E. L. Orr. 2,559,458, July 3.
Toy para-rocket. G. G. Vaughan. 2,568,475, Sept. 18.
Toy, Peg board. H. L. Swirkal. 2,564,348, Aug. 14.
Toy percussion gun. H. J. Criner. 2,561,563, July 24.
Toy, Picture puzzle. E. Dobrowsky. 2,554,942, May 29.
Toy pistol. L. Ahmanson. 2,578,029, Dec. 11.
Toy, Pneumatic. E. Ospina-Racines. 2,544,720, Mar. 13.
Toy, Pumpmobile. C. A. and P. R. Swenson. 2,567,453, Sept. 11.
Toy, Racehorse. A. E. Dennis. 2,576,674, Nov. 27.
Toy, Railroad. F. Damiano. 2,551,317, May 1.
Toy railroad track and roadbed unit. W. C. Levering. 2,562,623, July 31.
Toy rattle, Liquid containing. E. L. Sheridan. 2,549,392, Apr. 17.
Toy repeating rubber band pistol. E. L. Siders. 2,550,873, May 1.
Toy, Returning roll. E. R. Biggs. 2,575,743, Nov. 20.
Toy, Rocker. P. L. Haims. 2,563,407, Aug. 7.
Toy, Rocking. C. N. Kornegay. 2,560,963, July 17.
Toy, Rolling and rockable. R. B. Bennett. 2,570,091, Oct. 2.
Toy rubber-spring gun. P. D. Thomas. 2,543,208, Feb. 27.
Toy sailboat with steering means. R. S. Wentworth. 2,561,831, July 24.
Toy searchlight. J. L. Bonanno. 2,574,905, Nov. 13.
Toy, Self-propelled. F. A. Fasano. 2,571,554, Oct. 16.
Toy, Self-rolling. A. L. Allison. 2,556,569, June 12.
Toy smoking gun. H. F. Everett. 2,561,849, July 24.
Toy, Sound producing. A. J. Kipling. 2,551,680, May 8.
Toy, Sounding. H. Singer. 2,558,588, June 26.
Toy, Sounding wheeled. J. F. Brice. 2,546,297, Mar. 27.
Toy, Sounding whirling. G. M. Versosa. 2,555,429, June 5.
Toy, Spin. C. M. Wagner. 2,560,833, July 17.
Toy, Spinning. J. L., C. L., and J. B. Spencer. 2,579,022, Dec. 18.
Toy spring pistol. M. Jenkins. 2,545,358, Mar. 13.
Toy spring rocket launcher. L. A. Skinner. 2,563,969, Aug. 14.
Toy stick horse. E. Levay. 2,571,266, Oct. 16.
Toy support. H. A. Feigelman. 2,562,606, July 31.
Toy swing. A. Espari. 2,558,045, June 26.
Toy tower construction. J. L. Bonanno. 2,536,487, Jan. 2.
Toy track crossover. M. H. Larrabee. 2,543,460, Feb. 27.
Toy train track, Plastic. C. A. Evans. 2,540,433, Feb. 6.
Toy typewriter. S. I. Berger. 2,526,715, Jan. 2.
Toy typewriter. S. I. Berger. 2,557,592, June 19.
Toy typewriter. S. I. Berger. 2,569,145, Sept. 25.
Toy unit, Illuminated. W. C. Levering. 2,544,034, Mar. 6.
Toy vehicle. E. W. Baggott. 2,540,317, Feb. 6.
Toy vehicle. D. G. Rempel. 2,570,711, Oct. 9.
Toy vehicle. A. R. Thomas. 2,538,060, Jan. 16.
Toy vehicle. B. Travis. 2,558,112, June 26.
Toy, Vehicle constructional. N. A. Logan. 2,545,155, Mar. 13.
Toy vehicle with demountable body. E. W. Baggott. 2,576,990, Dec. 4.
Toy washing machine of the oscillating drum type. F. J. Goriup. 2,542,509, Feb. 20.
Toy watch, Ticking. L. Wise. 2,570,740, Oct. 9.
Toy, Weight operated climbing. R. C. Blaich and J. A. Banzhaf. 2,568,908, Sept. 25.
Toy, Weighted figure. T. C. Martin. 2,577,343, Dec. 4.
Toy wheel construction. E. W. Baggott. 2,566,111, Aug. 28.
Toy, Wheeled M. E. Ashworth and P. S. Ciccone. 2,567,462, Sept. 11.
Toy, Wheeled. H. Sebel. 2,539,640, Jan. 30.
Toy, Wheeled. F. H. Thurman. 2,552,824, May 15.
Toy, Wheeled animal figure. M. Meth. 2,570,834, Oct. 9.
Toy, Wheeled figure. G. C. Cox. 2,549,668, Apr. 17.
Toy with displaceable elements in transparent enclosure. A. A. Anthony. 2,571,405, Oct. 16.
Toy with erratic steering means, Ambulant. O. J. Pèrez. 2,560,739, July 17.
Toy with projector, Marble shooting coaster. F. J. Scharkopf. 2,558,881, July 3.
Toy with spring mounted figure, Self-righting. A. A. Anthony. 2,554,516, May 29.
Tracer mechanism. W. L. Tancred. 2,562,284, July 31.
Tracing system, Electronic. L. Espenschied. 2,553,245, May 15.
Tracing the underground flow of water. R. L. Doan and E. Fast. 2,553,900, May 22.
Track aligner. D. R. Zang. 2,557,853, June 19.
Track aligning device. G. F. Carpenter. 2,542,274, Feb. 20.
Track and supporting mechanism for crawler type tractors. L. C. Daniels. 2,537,745, Jan. 9.
Track ballasting. A. W. Jr., and P. E. Banton. 2,571,183, Oct. 16.
Track door structure. C. Blum. 2,571,664, Oct. 16.
Track for track laying vehicles. C. G. Oddy. 2,551,695, May 8.
Track or chain, Endless. E. Field. 2,553,646, May 22.
Track sander. G. T. Shotwell. 2,550,608, Apr. 24.
Track shoe. C. W. Sinclair. 2,548,626, Apr. 10.
Track shoe with hook connection. H. A. Knox. 2,563,848, Aug. 14.
Track short-circuiting device. J. C. Mock. 2,556,733, June 12.
Track stripping machine. D. M. Praytor and K. Kershaw. 2,547,596, Apr. 3.
Track structure, Conveyer chain. O. J. B. Orwin. 2,569,947, Oct. 2.
Track system for toy trains, Flexible. W. Dubilier. 2,565,359, Aug. 21.
Track-type landing gear. G. T. Drakeley and D. W. Finlay. 2,544,985, Mar. 13.
Track unit, Miniature. S. Schaffan, Jr. 2,559,375, July 3.
Trackway guided bed. W. L. Hoffmann and A. E. Lennstrom. 2,570,344, Oct. 9.
Tracking device, Reproducer stylus. C. M. Sinnett and H. Belar. 2,536,892, Jan. 2.
Tracking rotor blades. R. B. Roberts. 2,552,739, May 15.
Tracking system and valve therefor. E. A. Blumenthal. 2,559,588, July 10.
Tracking system, Radar range. W. A. Huber and W. T. Pope, Jr. 2,566,331, Sept. 4.
Traction apparatus for vehicles. C. O. Slemmons. 2,541,177, Feb. 13.
Traction attachment device for vehicle wheels. A. Groeller. 2,556,270, June 12.
Traction attachment for vehicle tires. W. J. Brown. 2,573,092, Oct. 30.
Traction attachment for vehicle wheels. R. E. Wolf. 2,576,868, Nov. 27.
Traction device. A. Hien and G. Maxe. 2,553,969, May 22.
Traction device for automotive tires. G. A. Grady and J. M. Walsh. 2,574,327, Nov. 6.
Traction device for vehicle wheels, Quick adjusting. J. J. Coffey. 2,561,910, July 24.
Traction device for vehicles. J. S. Button, Jr. 2,557,725, June 19.
Traction device, Nonskid and auxiliary. G. F., M. M. and W. F. Bredl. 2,544,774, Mar. 13.
Traction drive for liquid treating apparatus. C. H. Nordell. Re. 23,415, Oct. 9.
Traction-increasing device for vehicle wheels. R. T. Sutherland, Jr. 2,540,147, Feb. 6.
Traction motor lubricator. R. W. Miller. 2,540,829, Feb. 6.
Traction providing device for automobile tires and the like. W. L. McGuinness. 2,577,142, Dec. 4.
Traction slide. H. H. Kuehl, C. J. Warka, and H. L. Porter. 2,540,268, Feb. 6.
Traction supply device. L. Brewton. 2,572,306, Oct. 23.
Traction tread, Self-attaching. P. W. Bell. 2,580,272, Dec. 25.
Tractor. T. Brown. 2,572,911, Oct. 30.
Tractor, Adjustable wheel base. T. Brown. 2,559,935, July 10.
Tractor and coupling device therefor, Agricultural. E. Bobard. 2,554,556, May 29.
Tractor and implement assembly. R. C. Fergason. 2,538,748, Jan. 23.
Tractor and implement mounting. C. Christiansen. 2,551,725, May 8.
Tractor and implement seat. O. Sather, Jr. 2,536,572, Jan. 2.
Tractor and wheel adjusting mechanism therefor, Powered agricultural. A. de Jouëtte. 2,559,758, July 10.
Tractor cab. R. H. Hill. 2,565,919, Aug. 28.
Tractor chain. W. F. Langenfeld. 2,545,887, Mar. 20.
Tractor double clutch and drive, Farm. W. L. Groninger. 2,573,010, Oct. 30.
Tractor-drawn corrugator. C. L. Roberts. 2,569,870, Oct. 2.
Tractor drive, Hydraulic. J. S. Robbins. 2,564,608, Aug. 14.
Tractor fifth wheel mounting. D. A. Walther. 2,543,749, Mar. 6.
Tractor for agricultural or road work. L. Dufour. 2,577,237, Dec. 4.
Tractor for hauling mine cars, Low-height. J. Cassady. 2,570,319, Oct. 9.
Tractor, Garden. G. C. Coates. 2,572,109, Oct. 23.
Tractor, Garden. C. H. Rowland. 2,572,202, Oct. 23.
Tractor, Garden. M. Sklovsky and I. D. Maxon. 2,572,399, Oct. 23.
Tractor guiding mechanism. N. Frye. 2,555,793, June 5.
Tractor, Hand guided. F. Hesterberg. 2,545,781, Mar. 20.
Tractor hitch. P. F. Alexander. 2,542,448, Feb. 20.
Tractor hitch. P. Hansmann. 2,541,356, Feb. 13.
Tractor hitch. R. G. Love. 2,580,109, Dec. 25.
Tractor hitch. N. A. Nelson. 2,555,987, June 5.
Tractor hitch. A. H. Peters. 2,547,772, Apr. 3.
Tractor hitch. H. S. Thompson. 2,537,245, Jan. 9.
Tractor hitch, Multiple-drill. V. B. Snyder. 2,569,736, Oct. 2.

Tractor hitch, Yieldable. M. Iwoniuk. 2,551,001, May 1.
Tractor implement attachment. W. P. Oehler and G. W. Ade. 2,563,185, Aug. 7.
Tractor inclinometer. E. A. McCoy. 2,565,615, Aug. 28.
Tractor mounted crane mast and backstay system. R. C. Shoemaker. 2,564,929, Aug. 21.
Tractor mounting means, Corn harvesting. N. F. Andrews and J. B. Hayes. 2,536,899, Jan. 2.
Tractor or tiller hitch, Walking. F. J. Mehring. 2,557,006, June 12.
Tractor phosphate and lime distributor. S. Wonenberg. 2,546,576, Mar. 27.
Tractor planter attaching assembly, Flexible. F. R. Bridger, Jr. 2,551,870, May 8.
Tractor reverse gear. L. J. Povinelli. 2,556,939, June 12.
Tractor seat. E. M. O'Donnell. 2,569,730, Oct. 2.
Tractor seat. G. L. White and C. E. Read. 2,573,077, Oct. 30.
Tractor seat mount. K. J. and A. J. Hersey. 2,558,049, June 26.
Tractor seat mounting. M. C. Detwiler. 2,559,853, July 10.
Tractor sight. F. F. Fulton. 2,559,761, July 10.
Tractor stop, Safety. E. and P. E. Hoffman. 2,550,999, May 1.
Tractor tire valve protector. G. Pavkov. 2,556,553, June 12.
Tractor tires. H. F. Morrison. 2,571,922, Oct. 16.
Tractor trailer, Beet loader. A. B. and R. A. Lowe. 2,540,791, Feb. 6.
Tractor tread driving mechanism. Walking. A. F. Busick, Jr. and H. F. Stock. 2,541,496, Feb. 13.
Tractor wheel means, Adjustable. A. Koenig. 2,546,453, Mar. 27.
Tractor winch. W. D. Parmenter. 2,545,895, Mar. 20.
Tractor with leveling device. L. C. Burton. 2,551,314, May 1.
Traffic actuated control apparatus. J. L. Barker. 2,542,978, Feb. 27.
Traffic bearing slab. H. Nagin. 2,580,185, Dec. 25.
Traffic control system, Centralized. D. Blaisdell. 2,559,390, July 3.
Traffic controlling apparatus. G. W. Baughman. 2,537,298, Jan. 9.
Traffic controlling apparatus, Railway. C. W. Failor and J. R. Henderson. 2,568,997, Sept. 25.
Traffic controlling system, Centralized. F. X. Rees. 2,543,869, Mar. 6.
Traffic counter. G. R. Hall. 2,547,937, Apr. 10.
Traffic detecting means for protecting operation of railway track switches and the like. J. J. Van Horn. 2,549,146, Apr. 17.
Traffic lane marker strip. J. E. Carter. 2,577,997, Dec. 11.
Traffic protection apparatus. D. C. Bettison. 2,565,117, Aug. 21.
Traffic protection apparatus. A. J. Sorensen. 2,567,897, Sept. 11.
Traffic protection apparatus. H. A. Thompson. 2,539,937, Jan. 30.
Traffic protection apparatus. H. G. Witmer. 2,558,638, June 26.
Traffic signal. R. O. Ferguson. 2,553,906, May 22.
Taffic signal controller with pedestrian actuation. W. C. Pennell. 2,555,994, June 5.
Traffic system over power supply lines, High-frequency. F. C. M. Berger. 2,577,731, Dec. 11.
Trailer. L. E. Guillot. 2,561,921, July 24.
Trailer. H. L. Spencer. 2,538,736, Jan. 16.
Trailer and tractor hitch, Heavy-duty. R. L. Meadows. 2,545,584, Mar. 20.
Trailer and truck bed, Convertible. E. W. Boulden. 2,566,977, Sept. 4.
Trailer automatic guide, Two-wheel. C. W. Land. 2,579,118, Dec. 18.
Trailer, Automobile tow. W. H. Hawkins. 2,541,582, Feb. 13.
Trailer, Baled haystack dump. H. B. Flower. 2,552,713, May 15.
Trailer, Boat. F. Linneman. 2,564,702, Aug. 21.
Trailer, Boat. J. L. Young and V. E. Carleton. 2,545,128, Mar. 13.
Trailer boat construction. C. A. Davis. 2,570,528, Oct. 9.
Trailer, Boat launching and loading. E. G. Brueckman. 2,558,418, June 26.
Trailer brake and equalization system. L. J. Hughes. 2,576,460, Nov. 27.
Trailer bunk. H. C. Brumbaugh. 2,553,297, May 15.
Trailer caravan and other cabin structure. A. J. Ensor. 2,551,207, May 1.
Trailer, Collapsible house. F. L. Wheeler. 2,569,082, Sept. 25.
Trailer dolly and drawbar assembly. F. H. Pole, Jr. 2,538,704, Jan. 16.
Trailer dolly and steering arm therefor. T. P. Averette. 2,561,644, July 24.
Trailer, Drag and disk. J. F. O'Connor. 2,546,472, Mar. 27.
Trailer for burial vault handling. C. Harris. 2,562,189, July 31.
Trailer for transporting vehicles. C. C. Carey. 2,567,100, Sept. 4.
Trailer, Grain. C. A. Bateman. 2,572,099, Oct. 23.
Trailer having a vertically movable body. A. T. Hill. 2,577,246, Dec. 4.
Trailer hitch. D. D. Arehart. 2,546,206, Mar. 27.
Trailer hitch. R. W. Askins. 2,538,493, Jan. 16.
Trailer hitch. J. H. Burnside. 2,546,664, Mar. 27.
Trailer hitch. E. E. Fobes and R. P. Rutter. 2,570,933, Oct. 9.
Trailer hitch. D. W. Gehron. 2,541,755, Feb. 13.
Trailer hitch. W. E. Hoffman. 2,572,341, Oct. 23.
Trailer hitch. J. R. Hulse. 2,575,171, Nov. 13.
Trailer hitch. H. D. Hume. 2,549,814, Apr. 24.
Trailer hitch. P. R. Leon. 2,558,906, July 3.
Trailer hitch. G. C. Mills. 2,574,276, Nov. 6.
Trailer hitch. F. T. Sargent. 2,544,185, Mar. 6.
Trailer hitch. A. Schmidt. 2,562,824, July 31.
Trailer hitch. M. T. Skinner. 2,551,709, May 8.
Trailer hitch. C. D. Williams. 2,547,299, Apr. 3.
Trailer hitch. J. O. Duncan. 2,542,643, Feb. 20.
Trailer hitch, Adjustable. B. A. Zenk. 2,569,086, Sept. 25.
Trailer hitch and stabilizer, Auxiliary safety. J. F. Vogel. 2,554,801, May 29.
Trailer hitch assembly. V. K. Stratton and D. A. McClellen. 2,545,119, Mar. 13.
Trailer hitch, Cycle. A. Marchetti. 2,580,112, Dec. 25.
Trailer hitch for tractors. C. B. Richey. 2,544,181, Mar. 6.
Trailer hitch lock. N. Eckles. 2,571,349, Oct. 16.
Trailer hitch, Removable. A. W. Kammerer. 2,576,461, Nov. 27.
Trailer ice truck and cooling apparatus for buildings. W. Kagan. 2,559,821, July 10.
Trailer leveling mechanism. R. Q. and G. E. Armington. 2,541,853, Feb. 13.
Trailer lime spreader. L. J. Plouffe. 2,560,981, July 17.
Trailer, One wheel collapsible. F. O. Peterson. 2,558,153, June 26.
Trailer support. H. V. Hagely. 2,555,336, June 5.
Trailer, Tank. J. W. Johns and C. J. Ekart. 2,545,088, Mar. 13.
Trailer tongue stand. S. Strand. 2,571,390, Oct. 16.
Trailer tractor chassis adjusting device. H. V. Hagely. 2,578,972, Dec. 18.
Trailer unit, Low bed. T. L. Harpster. 2,568,283, Sept. 18.
Trailer, Vertically adjustable. J. E. Risse. 2,563,372, Aug. 7.
Trailer, Winch-lift. F. L. Clement and C. W. Watson. 2,542,795, Feb. 20.
Trailer with hydraulic lift. M. Coeur. 2,540,100, Feb. 6.
Train controlling device. J. Merryweather. 2,546,468, Mar. 27.
Train line coupling. R. J. Travers. 2,536,671, Jan. 2.
Train order dispatch device. O. E. Lewis and L. C. Bussinger. 2,578,891, Dec. 18.
Train parallax computer. F. L. Hereford, Jr., and W. D. Whitehead, Jr. 2,575,956, Nov. 20.
Training apparatus for simulating flight indicating instruments. R. C. Dehmel. 2,578,177, Dec. 11.
Training device, Radio range. P. C. Jones. 2,548,888, Apr. 17.
Training means for blind navigating systems. R. C. Dehmel. 2,560,528, July 10.
Transceiver for telegraphy. G. J. C. Donk. 2,554,096, May 22.
Transconductance tester. L. R. Philpott. 2,555,368, June 5.
Transcribing and summarizing system. H. A. Giroud, G. C. Irwin, L. A. Kille, J. B. Retallack, G. Riggs, and W. B. Strickler. 2,572,132, Oct. 23.
Transducer and connector therefor, Electrodynamic. H. F. Hopkins and R. E. Prescott. 2,538,621, Jan. 16.
Transducer and producing same, Piezoelectric. W. L. Cherry, Jr. 2,540,187, Feb. 6.
Transducer and producing same, Piezoelectric. A. Ellett. 2,540,194, Feb. 6.
Transducer chuck and stylus. G. Spry. 2,563,196, Aug. 7.
Transducer, Electroacoustic. J. de Boer and G. Schenkel. 2,549,963, Apr. 24.
Transducer, Electroacoustic. E. E. Mott. 2,540,487, Feb. 6.
Transducer, Electromagnetic. L. R. Ward. 2,537,723, Jan. 9.
Transducer for actuating loud speakers, Electroacoustic. M. Morse. 2,538,026, Jan. 16.
Transducer for measurement of velocity and related values, Magnetoelectric. S. E. Dawson. 2,557,080, June 19.
Transducer for solid material testing, Rotating diaphragm. M. Meunier. 2,545,101, Mar. 13.
Transducer, Frequency discriminative electric. R. L. Dietzold. 2,549,065, Apr. 17.
Transducer head, Electromagnetic. M. Camras. 2,536,030, Jan. 2.
Transducer head, Magnetic. M. Camras. 2,549,771, Apr. 24.
Transducer, Magnetostriction. L. W. Camp. 2,550,771, May 1.
Transducer, Permanent magnet electrodynamic. A. L. Feifried. 2,553,150, May 15.
Transducer, Pressure responsive. C. Frondel. 2,569,987, Oct. 2.
Transducer, Regenerative electromechanical. H. B. Schultheis, Jr. 2,545,007, Mar. 13.

Transducer utilizing semiconductors, Acoustic. W. Shockley. 2,553,491, May 15.
Transducers, Producing piezoelectric. W. L. Cherry, Jr. 2,538,554, Jan. 16.
Transesterification process. D. Price and F. J. Sprules. 2,543,421, Feb. 27.
Transfer and coating therewith. C. S. Francis, Jr. 2,556,078, June 5.
Transfer and recovery system for volatile liquids. R. S. Smith. 2,536,322, Jan. 2.
Transfer apparatus. V. G. Williams, W. Wood, and L. G. Bateman. 2,556,382, June 12.
Transfer applying machine. T. Harris. 2,569,631, Oct. 2.
Transfer assembly. J. G. Kerr. 2,557,875, June 19.
Transfer car operating mechanism. G. W. Hegel. 2,554,984, May 29.
Transfer coating, Process and apparatus for. J. W. Little and C. S. Francis, Jr. 2,559,649, July 10.
Transfer device, Vacuum. S. P. Clark. 2,557,260, June 19.
Transfer iron. T. Marston and W. S. Lawrence. 2,543,035, Feb. 27.
Transfer means for thermoplastic caps, having means to heat said caps during transfer. E. Vantlander. 2,551,476, May 1.
Transfer mechanism. R. L. Burdsall. 2,544,218, Mar. 6.
Transfer mechanism. R. M. Gamble. 2,570,660, Oct. 9.
Transfer mechanism. M. M. Kipfer. 2,576,402, Nov. 27.
Transfer mechanism. C. H. Lisch, Jr., and F. Schuman. 2,552,101, May 8.
Transfer mechanism. H. F. Phillips. 2,559,369, July 3.
Transfer mechanism. H. F. Phillips. 2,570,589, Oct. 9.
Transfer mechanism, Card. T. Z. Herr. 2,568,069, Sept. 18.
Transfer mechanism, Container. L. Brager. 2,570,198, Oct. 9.
Transfer molding press. E. Cannon. 2,556,795, June 12.
Transfer needle. J. Sirmay. 2,575,365, Nov. 20.
Transfer sheet. V. Groak. 2,558,048, June 26.
Transfer sheet and method. C. Wittgren. 2,558,803, July 3.
Transfer system, including automatic and sequential selection of fuel tanks, Fuel. C. L. Johnson. 2,557,438, June 19.
Transfer tail applying means. H. L. Ayala. 2,542,106, Feb. 20.
Transfer transmission mechanism. C. E. Schou. 2,574,986, Nov. 13.
Transferring an image and transfer sheet therefor. C. Wittgren. 2,558,804, July 3.
Transferring fluids. E. L. Hinkson. 2,562,164, July 31.
Transferring glassware from mold tables. J. E. Collins. 2,555,117, May 29.
Transferring picture layers from one film base to another, Method and apparatus for. C. D. Bennes. 2,572,001, Oct. 23.
Transformer. H. J. Benner and A. M. Hadley. 2,569,036, Sept. 25.
Transformer. J. H. Bridges. 2,546,968, Apr. 3.
Transformer. J. H. Bridges. 2,575,093, Nov. 13.
Transformer. J. H. Bridges. 2,577,733, Dec. 11.
Transformer. H. R. Brownell. 2,560,926, July 17.
Transformer. A. R. Davis. Re. 23,409, Sept. 11.
Transformer. M. H. Dole. 2,579,308, Dec. 18.
Transformer. U. S. Dunn. 2,572,455, Oct. 23.
Transformer. M. G. Favre. 2,542,915, Feb. 20.
Transformer. A. E. Feinberg. 2,542,760, Feb. 20.
Transformer. K. G. Lagerlof. 2,567,717, Sept. 11.
Transformer. G. Ogurkowski. 2,551,696, May 8.
Transformer. H. A. Strickland, Jr. 2,577,825, Dec. 11.
Transformer. O. J. Underwood. 2,548,179, Apr. 10.
Transformer and impregnation. A. Van Ryan. 2,567,412, Sept. 11.
Transformer and reactor for fluorescent lighting units. O. Kiltie. 2,554,782, May 29.
Transformer bushing terminal and hinged cover therefor. J. J. Zimsky. 2,575,480, Nov. 20.
Transformer clamp. H. Epstein. 2,563,105, Aug. 7.
Transformer clamp. H. Epstein. 2,572,457, Oct. 23.
Transformer coil spacer. R. Castenschiold. 2,571,418, Oct. 16.
Transformer construction. E. A. Link. 2,544,845, Mar. 13.
Transformer construction. H. A. Strickland, Jr. 2,579,522, Dec. 25.
Transformer core. R. H. Dierstein. 2,553,554, May 22.
Transformer core, Low yoke. L. S. Schell, Jr. 2,550,500, Apr. 24.
Transformer core, Three-phase. G. M. Stein. 2,558,110, June 26.
Transformer, Differential. W. D. Macgeorge. 2,537,773, Jan. 9.
Transformer, Differential. W. D. Macgeorge. 2,568,587, Sept. 18.
Transformer, Electric. F. M. Clark and G. Camilli. 2,549,426, Apr. 17.
Transformer, Electronic. C. W. Hansell. 2,551,798, May 8.
Transformer, Flux bridge. C. C. Roe. 2,547,783. Apr. 3.
Transformer for concentric lines, Impedance. W. W. Hansen. 2,562,909, Aug. 7.
Transformer for operating electric discharge tubes. A. E. Feinberg. 2,563,595, Aug. 7.
Transformer having coaxial leads, High-frequency. F. H. Gusdorf and E. A. van Ijzeren. 2,550,244, Apr. 24.
Transformer, High-frequency current. R. S. Stanton. 2,567,744, Sept. 11.
Transformer, High-frequency impedance. W. W. Hansen and J. R. Woodyard. 2,558,749, July 3.
Transformer, High-frequency wide band coupling. N. E. Davis. 2,570,650, Oct. 9.
Transformer, Intermediate frequency. L. E. Barton. 2,570,633, Oct. 9.
Transformer, Mechanical impedance. W. P. Mason and R. F. Wick. 2,573,168, Oct. 30.
Transformer of continual circular motion into intermittent motion. M. R. E. Huc, R. J. A. Roudaire, and F. A. F. Monroy. 2,562,461, July 31.
Transformer, Radio-frequency. E. Toth. 2,564,740, Aug. 21.
Transformer rectifier. R. W. Cronshey and W. H. Rickards. 2,564,881, Aug. 21.
Transformer system, Variable tap. J. A. Gulow. 2,551,943, May 8.
Transformer, Three-phase. D. E. Wiegand. 2,544,871, Mar. 13.
Transformer, Variable. O. A. Keefe. 2,569,675, Oct. 2.
Transformer, Variable reactance. J. A. Anderson. 2,555,911, June 5.
Transformer, Welding. E. C. Wentz and F. L. W. Norton. 2,542,851, Feb. 20.
Transformer, Wide band audio and video. H. W. Lord. 2,553,324, May 15.
Transformer with magnetron well, Pulse. W. H. Bostick. 2,549,366, Apr. 17.
Transformer with regulable output current. B. T. Pedersen. 2,567,617, Sept. 11.
Transfusion apparatus. E. F. Maybert. 2,551,617, May 8.
Transfusion equipment. W. F. Butler and F. A. Cutter. 2,562,445, July 31.
Transistor. R. L. Wallace, Jr. 2,563,503, Aug. 7.
Transistor multivibrator circuit. R. F. Shea. 2,569,345, Sept. 25.
Transistor, Vibration-operated. R. L. Wallace, Jr. 2,549,550, Apr. 17.
Transition curve plotter for roads, railways and other purposes. F. T. Murray. 2,555,596, June 5.
Transition curve plotter for roads and railways and other purposes. F. T. Murray. 2,578,483, Dec. 11.
Translating apparatus, Electric. G. S. Stancu. 2,540,841, Feb. 6.
Translating circuit. E. R. Shenk. 2,564,769, Aug. 21.
Translating means for ultra-short wave length energy. R. S. Ohl. 2,563,613, Aug. 7.
Translating system having a varying reactance, Capacitor type. J. O. Mesa. 2,559,454, July 3.
Translation system, Electrical. A. Lesti. 2,556,200, June 12.
Translator circuit. D. E. Branson, J. R. Davey, G. J. Knandel, G. A. Locke, and R. A. Vanderlippe. 2,556,958, June 12.
Translator for calling line identification. H. A. Miloche. 2,554,149, May 22.
Translator for shifted lines and parties. J. I. Bellamy. 2,574,903, Nov. 13.
Translucent projection screen for viewing from two different directions. G. J. Siezen. 2,567,656, Sept. 11.
Transmission. J. S. Alspaugh. 2,559,922, July 10.
Transmission. J. S. Alspaugh. 2,559,923, July 10.
Transmission. O. H. Banker. 2,574,431, Nov. 6.
Transmission. F. R. Chester. 2,536,992, Jan. 2.
Transmission. C. E. Davis. 2,579,554, Dec. 25.
Transmission. A. Y. Dodge. 2,570,327, Oct. 9.
Transmission. E. E. Eaton. 2,542,911, Feb. 20.
Transmission. G. E. Flinn. 2,550,055, Apr. 24.
Transmission. C. Gerst. 2,546,063–4, Mar. 20.
Transmission. R. C. Hoffman. 2,572,480, Oct. 23.
Transmission. V. J. Jandasek. 2,562,464, July 31.
Transmission. V. J. Jandasek. 2,568,007, Sept. 18.
Transmission. A. L. Johnson. 2,536,644, Jan. 2.
Transmission. L. E. Jones. 2,564,160, Aug. 14.
Transmission. B. F. Kenyon. 2,554,334, May 22.
Transmission. R. Lapsley. 2,558,656, June 26.
Transmission. B. T. Malachowski. 2,570,467, Oct. 9.
Transmission. F. R. McFarland. 2,559,128, July 3.
Transmission. F. R. McFarland. 2,573,919, Nov. 6.
Transmission. F. R. McFarland. 2,575,522, Nov. 20.
Transmission. P. Orr. 2,560,886, July 17.
Transmission. P. H. Palen and H. W. Burdett. 2,544,542, Mar. 6.
Transmission. C. R. Paton. 2,549,125, Apr. 17.
Transmission. G. A. Reinhard. 2,578,015, Dec. 11.
Transmission. A. C. Ripke. 2,548,394, Apr. 10.
Transmission. C. H. Scheuerman, Jr. 2,564,999, Aug. 21.
Transmission. W. P. Schmitter. 2,566,253, Aug. 28.
Transmission. F. W. Seybold. 2,548,272, Apr. 10.
Transmission. M. P. and A. Winther. 2,540,639, Feb. 6.
Transmission. M. P. Winther. 2,546,378, Mar. 27.
Transmission. M. P. Winther. 2,548,756, Apr. 10 .
Transmission. M. P. Winther. 2,549,738, Apr. 17.

Transmission and clutch control. E. E. Wemp. 2,567,043, Sept. 4.
Transmission and clutch operating power means. H. W. Price. 2,554,314, May 22.
Transmission and control. E. E. Wemp. 2,567,042, Sept. 4.
Transmission and control mechanism, Machine-tool. J. B. Armitage, J. B. Lukey, K. A. Riedel, and F. D. Boehmer. 2,548,188, Apr. 10.
Transmission and removably attaching reciprocating tools thereto, Removably attachably flexible reciprocating. R. L. McCulloch. 2,553,463, May 15.
Transmission apparatus, Multiple-speed. E. J. Isbister. 2,552,556, May 15.
Transmission apparatus, Variable ratio power. H. F. Hobbs. 2,549,090, Apr. 17.
Transmission arrangement. G. Schulze. 2,576,484, Nov. 27.
Transmission, Automatic. J. H. Cohen. 2,561,499, July 24.
Transmission, Automatic. W. E. Looney. 2,569,685, Oct. 2.
Transmission, Automatic stepless. R. H. Bailey. 2,553,126, May 15.
Transmission belt, Reinforced chain. T. F. E. Fuchslocher. 2,555,190, May 29.
Transmission clutch assembly. R. W. Halberg. 2,562,612, July 31.
Transmission connection, Windshield wiper fluid. T. J. Smulski. 2,549,027, Apr. 17.
Transmission control. R. B. Aspinwall. Re. 23,356, Apr. 17.
Transmission control. W. T. Dunn. 2,567,061, Sept. 4.
Transmission control. O. Zancan. 2,560,321, July 10.
Transmission control apparatus. T. M. Ball. 2,548,138, Apr. 10.
Transmission control means. E. R. Price. 2,536,462, Jan. 2.
Transmission control mechanism. P. Orr. 2,579,693, Dec. 25.
Transmission control mechanism. E. R. Price. 2,557,795, June 19.
Transmission control mechanism. E. R. Price. 2,575,891, Nov. 20.
Transmission control switch. L. D. Boyce. 2,569,148, Sept. 25.
Transmission control switch. J. H. Eisenmann. 2,548,145, Apr. 10.
Transmission control switch. I. M. Holmes. 2,574,787, Nov. 13.
Transmission device. L. Robin and M. van Roggen. 2,571,172, Oct. 16.
Transmission device, Variable-speed. J. H. Egy. 2,547,453, Apr. 3.
Transmission efficiency tested by modulating carrier with low-frequency and measuring low-frequency modulation component. F. J. D. Taylor and D. G. Tucker. 2,558,886, July 3.
Transmission for drilling machines. J. Gérentès. 2,547,079, Apr. 3.
Transmission for dual wheel units of vehicles, Power. G. A. Collender. 2,548,949, Apr. 17.
Transmission for hair clippers, Unitary. J. Oster. 2,541,716, Feb. 13.
Transmission for hand tractors. E. L. Rose. 2,538,708, Jan. 16.
Transmission for use, Hydraulic power, with rotatable engine-driven power take-off shafts. C. H. Martin. 2,553,826, May 22.
Transmission gear. T. Hindmarch. 2,536,549, Jan. 2.
Transmission gear for marine engines and the like, Reversible. G. Wood. 2,536,897, Jan. 2.
Transmission gearing. R. E. Hiss. 2,550,696, May 1.
Transmission, Helical-shift multispeed. V. D. Behn. 2,540,858, Feb. 6.
Transmission hoist. J. R. Randolph. 2,572,516, Oct. 23.
Transmission, including one pump and a plurality of motors, Hydraulic. W. Ferris. 2,548,146, Apr. 10.
Transmission interlock mechanism. K. M. Armantrout. 2,548,761, Apr. 10.
Transmission line. G. D. Forbes and H. Shapiro. 2,540,720, Feb. 6.
Transmission line and temperature compensating means for hydraulic systems. A. C. Denisoff. 2,526,628, Jan. 2.
Transmission line and wave guide, High-frequency electrical. J. Collard and H. E. Holman. 2,543,721, Feb. 27.
Transmission line, Artificial. N. E. Beverly. 2,537,959, Jan. 16.
Transmission line, Artificial. N. E. Beverly. 2,552,306, May 8.
Transmission line attenuator. R. A. Dehn. 2,561,184, July 17.
Transmission line distortion corrector. L. G. Abraham. 2,579,285, Dec. 18.
Transmission line filter system, Coaxial. V. H. Rumsey and P. G. Salmon. 2,557,567, June 19.
Transmission line. Flexible wave guide type. J. E. Coyle and E. L. Younker. 2,555,118, May 29.
Transmission line for effecting phase modulated oscillations, Variable artificial. G. Hepp. 2,565,231, Aug. 21.
Transmission line, Standoff. W. R. Koch. 2,540,892, Feb. 6.
Transmission line system. R. W. Masters. 2,570,579, Oct. 9.
Transmission lines or wave guides, High-frequency electric. J. Collard. 2,557,261, June 19.
Transmission linkage for grading machines. H. W. Carnes and C. C. Thomas. 2,545,225, Mar. 13.
Transmission, Machine tool. F. M. Tomlinson. 2,557,324, June 19.
Transmission, Manual or power-operataed planetary. J. R. B. Monge. 2,553,465, May 15.
Transmission mechanism. G. R. Beardsley and E. A. Hulbert. 2,565,060, Aug. 21.
Transmission mechanism. R. P. Clifton. 2,564,466, Aug. 14.
Transmission mechanism. L. H. Frailing. 2,577,413, Dec. 4.
Transmission mechanism. J. G. Vincent. 2,568,135, Sept. 18.
Transmission mechanism. E. A. Weiss and L. H. Frailing. 2,541,391, Feb. 13.
Transmission mechanism, Automatic. J. W. Ellor. 2,569,981, Oct. 2.
Transmission mechanism, Change-speed. C. M. O'Leary. 2,558,193, June 26.
Transmission mechanism, Variable power. J. P. Arndt. 2,548,854, Apr. 17.
Transmission mechanism, Variable-speed and torque. E. R. Burtnett. 2,572,007, Oct. 23.
Transmission, Multispeed. G. B. Du Bois. 2,552,000, May 8.
Transmission, Multispeed. F. W. Porter. 2,544,543, Mar. 6.
Transmission of low-frequency calls in telecommunication systems by interrupting the carrier. M. A. Lalande. 2,547,020, Apr. 3.
Transmission of message intelligence, Secret. F. B. Llewellyn. 2,543,116, Feb. 27.
Transmission of power. E. E. Wemp. 2,541,452, Feb. 13.
Transmission of rotary movements by electromechanical means, Telemetric. E. Gretener. 2,553,249, May 15.
Transmission operated control of centrifugal clutch mechanism. H. V. Reed. 2,555,860, June 5.
Transmission operating device. H. W. Price. 2,580,125, Dec. 25.
Transmission operating mechanism. R. H. Long. 2,554,304, May 22.
Transmission operating mechanism. R. H. Long. 2,557,791, June 19.
Transmission operating mechanism. R. H. Long and E. R. Price. 2,580,108, Dec. 25.
Transmission operating mechanism. E. E. Prather. 2,562,366, July 31.
Transmission operating mechanism. H. W. Price. 2,554,313, May 22.
Transmission over cables by means of frequency modulation. R. A. Redard and A. Fromageot. 2,539,474, Jan. 30.
Transmission privacy synchronizing and equalizing system. P. G. Edwards. 2,542,183, Feb. 20.
Transmission shifting device. C. A. Gustafson. 2,547,317, Apr. 3.
Transmission, Speed changing. N. C. Moore. 2,538,625, Jan. 16.
Transmission synchromesh mechanism. W. T. Dunn. 2,555,961, June 5.
Transmission synchromesh mechanism. O. E. Fishburn. 2,555,963, June 5.
Transmission synchronizer. M. S. Baker. 2,547,732, Apr. 3.
Transmission system by means of electrical impulses, Multiplex. L. J. Libois. 2,554,112, May 22.
Transmission system for controls and signals for toll or long distance telephone circuits. F. P. Gohorel. 2,549,803, Apr. 24.
Transmission system for high-frequency currents. L. Goldstein and N. L. Cohen. 2,557,961, June 26.
Transmission system for object detection, Subaqueous sound. H. F. Rost and P. H. E. Claesson. 2,536,771, Jan. 2.
Transmission system, Hydraulic power. J. Robinson. 2,541,290, Feb. 13.
Transmission system, Hydraulic power. J. Robinson. 2,541,292, Feb. 13.
Transmission system, Microwave. W. J. Albersheim. 2,556,669, June 12.
Transmission system, Microwave radio. D. S. Bond. 2,553,167, May 15.
Transmission system, Nonlinear signal. A. J. Torre and L. R. Kirkwood. 2,580,052, Dec. 25.
Transmission system protection by microwave relaying. E. L. Harder. 2,558,085, June 26.
Transmission system, Pulse multiplex. W. A. Miller. 2,536,654, Jan. 2.
Transmission system, V-belt power. W. S. Worley. 2,548,135, Apr. 10.
Transmission system, Wave-guide. W. E. Kock. 2,572,628, Oct. 23.
Transmission, Two-speed direct. W. E. Hendricks. 2,541,872, Feb. 13.
Transmission, Variable-speed. M. R. Frazier. 2,546,856, Mar. 27.

Transmission, Variable speed. H. A. Meinecke. 2,543,584, Feb. 27.
Transmission, Washing machine. R. B. Tharpe. 2,568,134, Sept. 18.
Transmission with variable displacement pump, throttled outflow from motor, and leakage compensation, Hydraulic. W. Ferris. 2,548,147, Apr. 10.
Transmitter, Code. W. A. Dougherty. 2,558,718, July 3.
Transmitter, Code. C. N. Hickman. 2,567,812, Sept. 11.
Transmitter, Code. D. B. Murray. 2,563,355, Aug. 7.
Transmitter for automatic telephone systems, Impulse. J. Vanheerswynghels. 2,561,298, July 17.
Transmitter for electric signaling devices, Impulse. J. A. Spencer and L. F. Reinhold. 2,549,028, Apr. 17.
Transmitter, Hall effect telemetering. A. Hansen, Jr. 2,536,805, Jan. 2.
Transmitter having larger number plate than finger wheel, Finger-wheel operated call. H. R. Clarke, L. A. Elmer, A. Herckmans, and O. L. Walter. 2,563,581, Aug. 7.
Transmitter, High-speed photoelectric. L. M. Potts. 2,565,266, Aug. 21.
Transmitter, Hydraulic. R. Stevenson. 2,575,319, Nov. 13.
Transmitter modulated by anode control. J. Polonsky. 2,569,948, Oct. 2.
Transmitter-motor unit, Hydraulic. J. G. Lindeman. 2,564,164, Aug. 14.
Transmitter output coupling circuit. O. I. Steigerwalt. 2,562,342, July 31.
Transmitter, Power. P. Schulder. 2,544,768, Mar. 13.
Transmitter, Radio. T. H. Price. 2,538,535, Jan. 16.
Transmitter, Radio telegraph. L. J. Heaton-Armstrong. 2,541,055, Feb. 13.
Transmitter-receiver apparatus, Portable. J. A. Curtis. 2,541,042, Feb. 13.
Transmitter receiver duplexing circuit for radar apparatus. A. J. Ortusi and P. Fechner. 2,574,055, Nov. 6.
Transmitter, Rotary electrical. J. H. Andresen, Jr. 2,571,810, Oct. 16.
Transmitter, Sea rescue. B. W. Russell, Jr., H. Rosenberg, and S. J. Brown. 2,565,523, Aug. 28.
Transmitter, Signal. E. Vroom. 2,571,800, Oct. 16.
Transmitter, Subscription type television. J. E. Brown. 2,574,462, Nov. 13.
Transmitter system utilizing stored energy received by the system, Ultra high frequency coded. V. J. Young and J. E. Browder. 2,572,088, Oct. 23.
Transmitter, Telegraph. R. H. Dunn and F. W. Warden. 2,553,556, May 22.
Transmitter, Telephone. W. A. Codd. 2,562,526, July 31.
Transmitter, Telephone. H. Eckardt. 2,567,368, Sept. 11
Transmitter with adjustable main spring, Telephone dial type. S. R. Wagner. 2,543,080, Feb. 27.
Transmitter with message numbering, Telegraph. F. Warburton. 2,574,362, Nov. 6.
Transmitter with two prime movers, Telemetering. C. A. de Giers and A. Edelman. 2,575,616, Nov. 20.
Transmitting apparatus. L. M. Potts. 2,554,794, May 29.
Transmitting apparatus in track circuit signaling systems, Code. M. A. Scheg. 2,559,468, July 3.
Transmitting means, Motion. H. S. Gleason. 2,536,803, Jan. 2.
Transmitting mechanical motion through a fluid-tight wall. J. R. Oliver. 2,549,936, Apr. 24.
Transmitting mechanism, Motion. R. F. Smith. 2,552,350, May 8.
Transparent block radio cabinet. R. Loewy. 2,539,146, Jan. 23.
Transparent casting from styrene-polyester copolymer. G. L. Fraser and H. F. Park. 2,577,414, Dec. 4.
Transparent, colorless, color-stable resins of haloacrylic compounds. C. E. Barnes. 2,576,821, Nov. 27.
Transparent display holder. W. D. Corning. 2,548,706, Apr. 10.
Transparent display holder. M. and E. Ten Hoeve and P. De Korte. 2,540,221, Feb. 6.
Transparent electroconductive article. C. S. Linder. 2,557,983, June 26.
Transparent panel support. N. A. Schassberger. 2,569,955, Oct. 2.
Transparent plant protective cover. P. Jones. 2,564,574, Aug. 14.
Transparent sanitary enclosure. I. J. Womack. 2,565,011, Aug. 21.
Transparent urea-aldehyde type resins and producing the same. P. J. Garner and R. E. Bowman. 2,572,256, Oct. 23.
Transport device for lawn mowers. J. B. Elliott. 2,560,422, July 10.
Transportation load and preparing same. D. M. Seeley. 2,580,248–9, Dec. 25.
Transportation mechanism. P. Grabinski. 2,547,935, Apr. 10.
Transportation, refrigeration, and distribution of perishable foods. H. W. Protzeller. 2,553,471, May 15.
Transporting carbon dioxide and like substances. R. H. Hill. 2,543,170, Feb. 27.
Transporting device, Foldable and extensible. F. Carrera. 2,579,448, Dec. 18.
Transporting heavy loads. E. E. Bollinger. 2,550,219, Apr. 24.
Transposing open-wire lines. J. A. Carr. 2,553,747, May 22.
Transuranic metal halides and the production thereof. S. Fried. 2,545,920, Mar. 20.
Transversely engaged clutch. H. M. Kesterton. 2,562,466, July 31.
Trap: *See*—

Animal trap.	Paperboard animal trap.
Ant trap.	Powder trap.
Bank robber trap.	Queen and drone trap.
Boiler feed trap.	Rain pipe trap.
Double jaw animal trap.	Rat trap.
Dual hopper trap.	Roach trap.
Electric ant and roach trap.	Rodent trap.
Electrically operated trap.	Rubber spring target trap.
Fowl and animal trap.	Sand trap.
Gas distillate trap.	Self-setting rodent trap.
Grease trap.	Slush trap.
Hog trap.	Snare trap.
Hydraulic dust trap.	Steam trap.
Insect trap.	Vapor trap.
Ion trap.	Variable tension circular jaw animal trap.
Minnow trap.	Victim reset animal trap.
Mouse trap.	

Trap. C. E. Armstrong. 2,559,924, July 10.
Trap. A. Hagen. 2,536,545, Jan. 2.
Trap. G. W. Oakes. 2,577,354, Dec. 4.
Trap. L. J. Purlee. 2,542,942, Feb. 20.
Trap. J. M. Slauth. 2,573,228, Oct. 30.
Trap and container, Live bait. P. P. Simpson, Sr. 2,569,833, Oct. 2.
Trap and making it, Ion. B. M. Nase. 2,544,934, Mar. 13.
Trap chamber with means for varying the volume thereof, Rotary. H. W. Lachmiller. 2,550,827, May 1.
Trap door arrangement, Vestibule. C. J. Beezhold. 2,546,626, Mar. 27.
Trap for animals. F. E. Sawyer. 2,543,645, Feb. 27.
Trap for flying insects. J. C. Smith. 2,577,436, Dec. 4.
Trap for rocket projectiles, Insulated. A. Africano. 2,548,926, Apr. 17.
Trap for rodents. S. Roesner. 2,579,093, Dec. 18.
Trap for vent pipes, Overflow and return. J. M. Wikman. 2,564,871, Aug. 21.
Trap for washbasins, Hair. J. L. MacDonald. 2,548,541, Apr. 10.
Trap hook. A. G. Tackett. 2,572,535, Oct. 23.
Trap hook. A. E. Zech. 2,570,999, Oct. 9.
Trap tunnel. R. I. Burton. 2,578,172, Dec. 11.
Trap with demountable tuner, Line. M. J. Brown. 2,579,544, Dec. 25.
Trash burner. F. W. Gardner. 2,542,920, Feb. 20.
Trash container. M. Henkin. 2,566,128, Aug. 28.
Trash cutting attachment for breaking plows. R. R. Cauble. 2,576,500, Nov. 27.
Trash remover. M. Wullweber. 2,560,264, July 10.
Traveler and brace for worms. H. C. Frentzel. 2,545,879, Mar. 20.
Traveling carriage electrode rapper. C. W. J. Hedberg. 2,550,809, May 1.
Traveling contacting device. E. W. Wismer. 2,541,628, Feb. 13.
Traveling detector for waves propagated through a wave guide. A. T. Nordsieck. 2,571,055, Oct. 9.
Traveling endless track. O. Singer. 2,575,845, Nov. 20.
Traveling nigger for sawmills. R. W. Griffith. 2,542,191, Feb. 20.
Traveling sewing cabinet. M. H. Traeger. 2,541,845, Feb. 13.
Traveling sheave block. L. C. Black. 2,536,417, Jan. 2.
Traveling wave vapor-electric current generator. A. V. Loughren. 2,553,263, May 15.
Traverse mechanism. K. A. King. 2,539,667, Jan. 30.
Traverse mechanism for grinding machines and the like. M. Fairest. 2,550,543, Apr. 24.
Trawl runner. H. K. I. Sorensen. 2,548,915, Apr. 17.
Trawl winch. E. C. S. Clark. 2,555,676, June 5.
Tray. J. L. Claghorn. 2,539,726, Jan. 30.
Tray. L. M. Gimbal. 2,563,330, Aug. 7.
Tray and grid, Ice. S. W. E. Andersson. 2,542,105, Feb. 20.
Tray and grid structure, Ice. K. T. White. 2,558,802, July 3.
Tray and heater, Portable. W. Lamb. 2,553,974, May 22.
Tray and holder for business forms, Combined ledger. D. D. Bibler. 2,564,244, Aug. 14.
Tray and platter, Roaster. J. B. Rooth. 2,565,046, Aug. 21.
Tray and reading rack, Combined serving. L. E. Dubach. 2,556,261, June 14.
Tray and support structure, Bubble. G. B. Cook. 2,565,355, Aug. 21.
Tray attachment for chairs, Collapsible feeding. J. J. Scanlon. 2,572,282, Oct. 23.
Tray, Bed. J. F. O'Neill. 2,563,060, Aug. 7.
Tray, Bedrail-supported. J. Madlena. 2,558,366, June 26.
Tray, Built-up letter. H. L. Kautzmann and J. A. Berardi. 2,575,919, Nov. 20.
Tray, Child's counter. C. Strun. 2,558,323, June 26.
Tray, Cigarette. J. M. Kisselle. 2,576,019, Nov. 20.
Tray, Circular. G. A. Lyon. 2,541,081, Feb. 13.
Tray, Correspondence. I. B. Young, Jr. 2,554,232, May 22.

Tray, Covered receptacle. C. Castelli. 2,563,157, Aug. 7.
Tray, Cutlery receptacle. H. C. Gessler. 2,574,099, Nov. 6.
Tray delivery mechanism. V. E. Ackles. 2,571,646, Oct. 16.
Tray, Dental. P. Cunningham. 2,577,513, Dec. 4.
Tray, Dental. M. J. Thompson. 2,575,432, Nov. 20.
Tray, Dental impression. V. C. Eliot. 2,549,184, Apr. 17.
Tray, Dental impression. N. McLaughlin. 2,564,167, Aug. 14.
Tray, Denture. A. Jutras. 2,568,072, Sept. 18.
Tray, Dish drying and warming. W. Lamb. 2,572,163, Oct. 23.
Tray, Drip. H. D. Bowman. 2,555,868, June 5.
Tray, Drip. M. L. Channell. 2,579,065, Dec. 18.
Tray, Drip. V. E. Laufenberg. 2,542,337, Feb. 20.
Tray emptying mechanism for confectionery molding machines. A. L. Bausman. 2,561,775, July 24.
Tray fence. F. A. Rhine. 2,570,712, Oct. 9.
Tray, Folding. E. L. Winkler. 2,563,145, Aug. 7.
Tray, Folding leg serving. J. W. Bryan. 2,557,594, June 19.
Tray for automobile instrument panels, Service. G. E. Peters and L. E. Russell. 2,536,084. Jan. 2.
Tray for bookkeeping machines, Posting. R. A. Phaneuf. 2,539,923, Jan. 30.
Tray for human feeding, etc., Drip. E. L. Blackman. 2,558,414, June 26.
Tray for ice-cream cups and the like, Foldable vending. E. M. Murphy. 2,547,716, Apr. 3.
Tray for instrument panels, Automobile. O. Z. Lee. 2,546,459, Mar. 27.
Tray for motor vehicle luggage compartments, Rotatable. R. L. Herring. 2,568,628, Sept. 18.
Tray for operating tables, Conveyer service. W. J. Soper. 2,550,306, Apr. 24.
Tray for refrigerators, Cube forming. N. W. Roop. 2,537,915, Jan. 9.
Tray for the inside of motor vehicle doors, Detachable. A. O. St. Denis. 2,554,685, May 29.
Tray for toilet tanks, Drip. V. E. Laufenberg. 2,542,338, Feb. 20.
Tray, Freezing. R. E. Moore. 2,546,769, Mar. 27.
Tray, Freezing. F. W. Sampson. 2,573,066, Oct. 30.
Tray, Freezing. F. W. Sampson. 2,574,662, Nov. 13.
Tray, Freezing. J. Williamson. 2,577,392, Dec. 4.
Tray, Ice. J. H. Roethel. 2,558,984, July 3.
Tray, Ice. J. H. Roethel. 2,564,235, Aug. 14.
Tray, Ice. F. W. Sampson. 2,574,663, Nov. 13.
Tray, Ice cube. C. A. Bauer and A. S. Kothe. 2,551,411, May 1.
Tray, Luncheon. W. H. Haskell. 2,540,392, Feb. 6.
Tray, Manicurist. T. M. Mangold. 2,540,899, Feb. 6.
Tray, Mobile heated. R. F. Salton. 2,563,874, Aug. 14.
Tray, Molding. F. W. Fuller. 2,574,915, Nov. 13.
Tray, Poultry. R. Guyer. 2,536,639, Jan. 2.
Tray rack construction, Removable. S. Saul, Jr. 2,579,704, Dec. 25.
Tray, Serving. J. Istwan. 2,556,844, June 12.
Tray, Serving. C. Kolacy. 2,550,154, Apr. 24.
Tray sieve, Demountable. W. R. Jost and E. W. Hilscher. 2,576,794, Nov. 27.
Tray, Stock charging. J. S. Gamble and L. Stewart. 2,541,866, Feb. 13.
Tray, Warming. L. L. Salton. 2,563,875, Aug. 14.
Tray, Watchmaker's. H. F. W. Krug. 2,547,762, Apr. 3.
Tray, Wine service. F. Clifford. 2,544,824, Mar. 13.
Tray with sliding information panel, Card. J. T. Johnson and E. Henderson. 2,536,645, Jan. 2.
Tread, Antislip. L. H. Dowling, Sr. 2,537,123, Jan. 9.
Tread for crawler models. W. E. Ford. 2,562,264, July 31.
Treadle bearing. D. H. Chason. 2,557,259, June 19.
Treated stopper for and method of introducing antifoam agent into a liquid medicament or the like. W. L. Bender. 2,573,637, Oct. 30.
Treating a hydrocarbon synthesis naphtha product. C. E. Hemminger. 2,556,275, June 12.
Treating a magnetic iron ore. D. N. Vedensky and L. J. Bechaud, Jr. 2,558,635, June 26.
Treating a resinous coating to wrinkle it and article resulting therefrom. E. W. Balis and L. B. Bronk. 2,551,233, May 1.
Treating a tow of filaments or threads. R. H. K. Thomson, W. E. Tetlow, and A. M. McDonald. 2,555,065, May 29.
Treating acrylonitrile copolymers with sulfuric acid followed by dyeing with acetate dyes. R. B. Baker. 2,548,853, Apr. 17.
Treating aluminum to provide selective coloration of portions thereof. V. E. Lewis and W. E. Collar. 2,554,256, May 22.
Treating and refining machine for pulp materials. C. W. Morden. 2,547,830, Apr. 3.
Treating animal materials. H. M. Coleman, A. H. Steffen, and E. W. Hopkins. 2,541,572, Feb. 13.
Treating annealed glass ware before complete cooling thereof. K. E. Peiler. 2,539,159, Jan. 23.
Treating asbestos fiber and coating surfaces therewith. N. L. Dolbey. 2,563,457, Aug. 7.
Treating beeswax. L. E. Minor. 2,555,499, June 5.
Treating big-end-down ingots. E. Marburg. 2,546,270, Mar. 27.
Treating black grease and product thereof. J. H. Kirby. 2,547,014, Apr. 3.
Treating black liquors. H. E. Lonngren. 2,568,239, Sept. 18.
Treating casein threads fibers, and the like. L. Maaskant. 2,539,958, Jan. 30.
Treating cellulose fibers and composition therefor. T. C. Whitner. 2,565,832, Aug. 28.
Treating cellulosic and similar materials. R. R. Dorsett. 2,580,286, Dec. 25.
Treating citrus fruit pulp liquor. B. T. Sokoloff and J. B. Redd. 2,559,685, July 10.
Treating coatings of polyallyl esters of saturated fatty acids and resulting products. F. A. Bent. 2,541,148, Feb. 13.
Treating coffee to preserve flavoring and aromatic principles. J. L. Kellogg. 2,539,626, Jan. 30.
Treating earth formations. P. H. Cardwell and P. D. Muir. 2,573,690, Nov. 6.
Treating earth formations. C. E. Reistle, Jr. 2,547,778, Apr. 3.
Treating edible produce, Method of and apparatus for. J. L. Parnell. 2,575,426, Nov. 20.
Treating electrolytic coatings. E. S. Taylerson. 2,566,468, Sept. 4.
Treating fatty acid nitriles to improve the odor thereof. J. Harwood and P. Du Brow. 2,548,369, Apr. 10.
Treating fibrous cellulosic materials to impart flame resistance thereto, composition therefor and products thereof. J. W. Creely and T. F. Cooke. 2,549,059, Apr. 17.
Treating fibrous cellulosic materials to impart flame resistance thereto, composition therefor, and products thereof. J. W. Creely. 2,549,060, Apr. 17.
Treating food products. P. Page. 2,539,157, Jan. 23.
Treating fuel. N. N. Stephanoff. 2,550,390, Apr. 24.
Treating gelatin capsules and product resulting therefrom. B. T. Palermo and S. C. McMillion. 2,578,943, Dec. 18.
Treating glass sands. W. M. Houston. 2,536,058, Jan. 2.
Treating gluten. C. W. Stewart. 2,557,397, June 19.
Treating granular solids. J. Hyslop. 2,578,357, Dec. 11.
Treating hair to impart a permanent set thereto. R. E. Reed, D. Tenenbaum, and M. Den Beste. 2,564,722, Aug. 21.
Treating hydrocarbon oils. T. B. Tom. 2,543,995, Mar. 6.
Treating hydrocarbon synthesis tail gas. W. W. Odell. 2,554,264, May 22.
Treating keratinous material, Process and composition for. M. Den Beste and R. E. Reed. 2,540,980, Feb. 6.
Treating Kovar. R. O. McIntosh. 2,575,724, Nov. 20.
Treating liquid mixtures, Method and apparatus for. I. W. Lovelady. 2,546,269, Mar. 27.
Treating lithiferous ores to recover lithium as lithium chloride. H. de W. Erasmus. 2,561,439, July 24.
Treating lubricating oil with solid adsorbents. G. A. Bennett and S. F. Perry. 2,552,436, May 8.
Treating materials to kill bacteria, bacilli, and unsavory odors therein. E. Hofman. 2,537,530, Jan. 9.
Treating mica and composition. J. J. Bardet. 2,549,880, Apr. 24.
Treating milk oil. C. E. North. 2,540,830, Feb. 6.
Treating mixtures to make or break emulsions, Method and apparatus for. G. J. Strezynski. 2,572,287, Oct. 23.
Treating natural gas. W. W. Bodle and W. W. Deschner. 2,557,171, June 19.
Treating nonfibrous cellulose film and resulting product. J. H. Daniel, Jr., C. G. Landes, and J. D. Pollard. 2,573,957, Nov. 6.
Treating nonfibrous cellulosic film and resulting product. J. H. Daniel, Jr., C. G. Landes, and J. D. Pollard. 2,573,956, Nov. 6.
Treating nonfibrous regenerated cellulose. W. M. Wooding. 2,546,575, Mar. 27.
Treating of cellulose material. T. Kleinert. 2,560,391, July 10.
Treating oils. J. R. Fisher. 2,567,106, Sept. 4.
Treating olefins with alkane sulfonic acid. W. A. Proell. 2,576,535, Nov. 27.
Treating onions. B. H. Karmen. 2,541,701, Feb. 13.
Treating paper. J. T. Stearn. 2,559,234, July 3.
Treating petroleum distillates. J. G. Browder. 2,552,399, May 8.
Treating petroleum distillates. J. G. Browder and A. R. Smith. 2,569,370, Sept. 25.
Treating plastic materials such as rubber. J. C. Clinefelter. 2,576,444, Nov. 27.
Treating polymerized terpene resin. B. L. Hampton. 2,550,557, Apr. 24.
Treating polymers produced by alkali metal catalyzed polymerizations. W. W. Crouch. 2,543,440, Feb. 27.
Treating proteinaceous fibers. L. W. Rainard. 2,575,837, Nov. 20.
Treating raw cashew nut shell liquid. S. Caplan. 2,559,593, July 10.
Treating resinous coatings and articles resulting therefrom. E. W. Balis and H. A. Liebhafsky. 2,551,232, May 1.
Treating rice. R. W. Landon, P. Talmey, and G. Gutzeit. 2,546,456, Mar. 27.
Treating rice bran and rice polish. H. L. Burns and M. M. Cassidy. 2,563,798, Aug. 7.
Treating roll mounting and roll drive. J. E. Erhardt, Jr. 2,545,025, Mar. 13.

Treating roll mounting and roll drive. J. E. Erhardt, Jr. 2,566,796, Sept. 4.
Treating separating suspensions, Method and apparatus for. P. S. Bakels. 2,569,141, Sept. 25.
Treating sized yarn, Intermittently. I. L. Griffin. 2,568,446, Sept. 18.
Treating slaked lime and making pigment therefrom. H. R. Rafton. 2,565,930, Aug. 28.
Treating solutions to recover and coat solid particles, Process and apparatus for. D. E. Marshall. 2,561,392, July 24.
Treating sour petroleum distillates. J. G. Browder and A. R. Smith. 2,556,836, June 12.
Treating starch, Method and apparatus for. A. M. Krattebol and A. Cooke. 2,563,942, Aug. 14.
Treating strands. A. C. Nystrom. 2,536,208, Jan. 2.
Treating sugar juices. C. L. Peterson. 2,557,996, June 26.
Treating sugar solutions. J. C. Winters and R. Kunin. 2,551,519, May 1.
Treating superpolyamide threads. L. A. Billion. 2,564,245, Aug. 14.
Treating thixotropic materials. H. M. Preusser. 2,557,841, June 19.
Treating tires. W. F. R. Briscoe and R. B. Plummer. 2,546,085, Mar. 20.
Treating tobacco. R. D. Touton. 2,566,589, Sept. 4.
Treating tobacco and treated product. E. C. Crocker. 2,577,453, Dec. 4.
Treating tungstate solutions containing as impurities one or more compounds of antimony, arsenic or molybdenum. M. C. Carosella. 2,556,255, June 12.
Treating unstable cracked hydrocarbons. B. R. Strickland and B. M. Vanderbilt. 2,552,351, May 8.
Treating waste citrous liquors and the like. G. T. Reich. 2,561,072, July 17.
Treating water. E. R. Williams. 2,543,562, Feb. 27.
Treating water-swollen polymers. J. D. Pollard. 2,558,781, July 3.
Treating weighted muds for viscosity reduction. R. A. Salathiel. 2,545,169, Mar. 13.
Treating well bore walls. J. O. Crouch and O. W. Lyons. 2,556,169, June 12.
Treating wood. M. S. Hudson. 2,538,457, Jan. 16.
Treating wool to prevent felting during wet processing. M. J. Reider. 2,541,780, Feb. 13.
Treatment for drilling fluids. T. M. Doscher. 2,568,992, Sept. 25.
Treatment of a heat set, oriented nylon fabric with formaldehyde. B. Graham and O. E. Schupp, Jr. 2,540,726, Feb. 6.
Treatment of air, Method and composition for the. G. S. Paschal. Re. 23,325, Jan. 9.
Treatment of aluminum sheets. J. F. Mason and F. H. Hesch. 2,538,317, Jan. 16.
Treatment of articles to remove some of the outside material therefrom or to polish the same. J. C. Hackett and S. H. Johnson. 2,554,701, May 29.
Treatment of carbon black. M. L. Studebaker. 2,538,482, Jan. 16.
Treatment of carroted fur fibers. A. W. Harvey and D. L. Deardorff. 2,555,883, June 5.
Treatment of cast iron. H. B. Kinnear and G. P. Krumlauf. 2,541,521, Feb. 13.
Treatment of catalytic gas oils. L. B. Goodson. 2,558,838, July 3.
Treatment of caustic soda cell liquor. V. A. Stenger. 2,575,238, Nov. 13.
Treatment of cellulose esters. M. E. Martin and L. G. Reed. 2,553,664, May 22.
Treatment of cellulosic fibers. H. Romeyn, Jr. 2,549,014, Apr. 17.
Treatment of cellulosic textile materials and products thereof. L. A. Fluck, Jr. 2,536,050, Jan. 2.
Treatment of cereals. E. G. Huzenlaub and F. H. Rogers. 2,555,235, May 29.
Treatment of citrus fruit. H. J. Keller. 2,577,421, Dec. 4.
Treatment of citrus fruit to facilitate peeling. R. Polk, Sr. and R., Jr. 2,543,932, Mar. 6.
Treatment of citrus peel. J. H. Forkner. 2,556,579, June 12.
Treatment of colored colloid layers. R. B. Collins, R. C. M. Smith, and O. E. Pratt. 2,574,243, Nov. 6.
Treatment of conjugated oils. C. A. Coffey and E. B. Lukas. 2,566,169, Aug. 28.
Treatment of corn steep liquor for streptomycin production. R. E. Bennett. 2,576,513, Nov. 27.
Treatment of corn steep water for penicillin production. W. W. Moyer. 2,563,793, Aug. 7.
Treatment of drilling fluids. T. B. Wayne. 2,553,224, May 15.
Treatment of earth formations penetrated by a deep well bore. P. H. Cardwell. 2,541,688, Feb. 13.
Treatment of emulsions. F. E. Fuchs. 2,540,437, Feb. 6.
Treatment of fatty oils. R. J. Taylor. 2,573,509, Oct. 30.
Treatment of feldspar concentrates having hydrophobic characteristics. J. A. Barr, Jr. 2,551,197, May 1.
Treatment of fermentation products. J. B. Edmonds. 2,548,594, Apr. 10.
Treatment of fibrous material and product resulting therefrom. J. W. Schick and H. D. Hartough. 2,569,695, Oct. 2.
Treatment of flocculable and deflocculable material. C. G. Albert. 2,540,182, Feb. 6.
Treatment of fruit wastes. W. M. Neal. 2,548,510, Apr. 10.
Treatment of gas and the like. A. S. Lundy. 2,567, 776, Sept. 11.
Treatment of glyceride oils. S. E. Freeman. 2,573,896, Nov. 6
Treatment of glyceride oils. S. E. Freeman. 2,573,900, Nov. 6.
Treatment of gossypol in solvent-extracted cottonseed meal. M. Bonotto. 2,551,581, May 8.
Treatment of hydrocarbon oils. G. M. Brooner. 2,539,808, Jan. 30.
Treatment of hydrocarbons. K. M. Brown. 2,549,053, Apr. 17.
Treatment of hydrocarbons. R. E. Schaad. 2,537,282, Jan. 9.
Treatment of hydroxylated polymers. D. L. Schoene and V. S. Chambers. 2,539,704, Jan. 30.
Treatment of inhibitors. V. Haensel. 2,551,737, May 8.
Treatment of isobutylene polymer slurry to enlarge particle size. J. F. Nelson and B. R. Tegge. 2,542,559, Feb. 20.
Treatment of lactealsera. E. Abrahamczik, H. Petrovicki, and F. Schaffernak. 2,566,477, Sept. 4.
Treatment of liquids with ion exchange materials. D. W. Collier. 2,563,006, Aug. 7.
Treatment of lubricating oils. M. E. Nash. 2,538,321, Jan. 16.
Treatment of metalworking tools. E. T. Pavlock. 2,575,427, Nov. 20.
Treatment of metals. J. C. Fourmanoit. 2,577,883, Dec. 11.
Treatment of microspherical particles to render them non-agglomerating. C. N. Kimberlin, Jr. 2,570,063, Oct. 2.
Treatment of molten metals. C. T. Gallinger and W. R. Huey. 2,536,362, Jan. 2.
Treatment of naphtha containing oxygenated bodies. R. L. Heinrich. 2,542,516, Feb. 20.
Treatment of naphtha containing oxygenated compounds. D. Eastman. 2,569,463, Oct. 2.
Treatment of oil-base drilling fluids. P. W. Fischer. 2,550,054, Apr. 24.
Treatment of olefin-containing aromatic hydrocarbons with acid and alkali. P. S. Viles. 2,563,628, Aug. 7.
Treatment of olefins with liquid anhydrous hydrogen bromide. C. B. Linn and R. J. Newman. 2,563,050, Aug. 7.
Treatment of organic textile materials and products thereof. E. L. Kropa and A. S. Nyquist. 2,537,064, Jan. 9.
Treatment of oxidation products. H. K. Dice and R. L. Mitchell. 2,570,216, Oct. 9.
Treatment of paraformaldehyde. A. F. MacLean and W. E. Heinz. 2,568,018, Sept. 18.
Treatment of petroleum distillates. E. Arundale and J. P. Thorn. 2,575,989, Nov. 20.
Treatment of phthalocyanine pigments. R. E. Brouillard and V. A. Giambalvo. 2,540,775, Feb. 6.
Treatment of pitches or tars and the manufacture of molded articles therefrom. C. D. Greaves and D. B. Smith. 2,560,642, July 17.
Treatment of polymer emulsions. M. J. Scott, E. F. Jackson, and C. H. Basdekis. 2,580,325, Dec. 25.
Treatment of polymeric chlorotrifluoroethylene. E. L. Kropa and J. J. Padbury. 2,543,530, Feb. 27.
Treatment of polymers containing cyano groups with amines and hydrogen sulfide. G. M. Rothrock. 2,563,662, Aug. 7.
Treatment of processed pickles. M. M. Scharf. 2,577,211, Dec. 4.
Treatment of protein-containing textile materials and products thereof. A. S. Nyquist. 2,565,259, Aug. 21.
Treatment of pulp. J. H. Holloway, R. S. Tabke, and A. N. Parrett. 2,546,749, Mar. 27.
Treatment of rabbit's hair. H. C. E. Tillisch. 2,547,060, Apr. 3.
Treatment of rubber. J. D. D'Ianni. 2,564,640, Aug. 14.
Treatment of slags. J. C. Vignos. 2,546,936, Mar. 27.
Treatment of solid hydrocarbonaceous material. F. A. W. Leffer. 2,544,843, Mar. 13.
Treatment of solutions. A. P. van der Molen. 2,573,516, Oct. 30.
Treatment of sour petroleum distillates. A. J. Shmidl. 2,560,374, July 10.
Treatment of steam systems. G. B. Hatch. 2,562,549, July 31.
Treatment of steam systems. E. P. Partridge. 2,562,571, July 31.
Treatment of stockings and other knitted articles. L. Heldmaier. 2,550,559, Apr. 24.
Treatment of stockings and other knitted articles. L. Heldmaier. 2,574,970, Nov. 13.
Treatment of storage organs to control sprouting. H. Veldstra. 2,544,243, Mar. 6.
Treatment of sugar. R. T. Northcutt and R. T. Northcutt, Jr. 2,558,775, July 3.
Treatment of sugar process water. E. A. Pearson. 2,560,125, July 10.
Treatment of sulfur-containing materials. P. X. Spillane. 2,559,324, July 3.
Treatment of synthetic naphtha. B. N. Hill and E. F. Wadley. 2,544,317, Mar. 6.

Treatment of the white fraction latex in which nonrubber constituents are decomposed. L. N. S. Homans. 2,575,663, Nov. 20.
Treatment of tomatoes. D. E. Pryor. 2,539,470, Jan. 30.
Treatment of vanadium and uranium ores. B. Burwell. 2,576,101, Nov. 27.
Treatment of wood waste. E. Farber. 2,574,027, Nov. 6.
Treatment of wool-containing textile materials. L. A. Fluck, Jr., J. E. Lynn, and E. A. Schuman. 2,539,365, Jan. 23.
Treatment of wool-containing textile materials. L. A. Fluck, Jr., J. E. Lynn, and E. L. McPhee. 2,539,366, Jan. 23.
Tree engaging device for tree shaking apparatus. R. E. Burke. 2,567,872, Sept. 11.
Tree eradicator and subsoiler. L. A. Rath. 2,576,361, Nov. 27.
Tree holder. N. J. Hendrickson. 2,543,849, Mar. 6.
Tree limb shaker. A. E. Gustafson. 2,542,665, Feb. 20.
Tree moving apparatus. A. L. Pearson. 2,545,241, Mar. 13.
Tree or stretcher for shoes. F. J. W. Holt. 2,538,247, Jan. 16.
Tree sawing and log handling machine. E. E. White. 2,542,952, Feb. 20.
Tree for women's and men's shoes, Rack mounted. M. M. Lebovits. 2,564,117, Aug. 14.
Tree, Sugar-plum. B. Schiller. 2,565,700, Aug. 28.
Tree tapper, Portable power-operated. R. L. and E. I. Soule. 2,563,195, Aug. 7.
Tree-tapping machine, Body supported portable. L. Redenback. 2,566,464, Sept. 4.
Tremolo switching circuits in electric musical instruments. J. R. Van Wye. 2,542,065, Feb. 20.
Trench cleaner. R. Hunkler. 2,551,883, May 8.
Trenching machine. H. Van Donselaar. 2,579,025, Dec. 18.
Trestle bracket. J. E. Anderson. 2,559,696, July 10.
Trestle clamp. P. L. Morton. 2,555,503, June 5.
Trestle, Extensible. A. H. Hawes. 2,572,928, Oct. 30.
Trestle leg and hinge bracket. C. E. Dalton. 2,545,767, Mar. 20.
Triacyl-phenylpropaneaminodiols. H. M. Crooks, Jr., M. C. Rebstock, J. Controulis, and Q. R. Bartz. 2,538,766, Jan. 23.
Trialkoxy paraffins as froth flotation frothing agents. J. H. P. van Aardt. 2,561,251, July 17.
Triangular shaping jet for spray guns. W. P. Dalrymple. 2,537,038, Jan. 9.
Triaryl cyanurate, Preparing a. F. C. Schaefer. 2,560,824, July 17.
Triazine brightening agents. R. Zweidler and H. Häusermann. 2,539,766, Jan. 30.
Triazine esters, Preparing unsaturated. J. R. Dudley. 2,537,816, Jan. 9.
Trichloromethyl compounds, Making. E. C. Ladd and L. Y. Kiley. 2,568,859, Sept. 25.
Trichloromethyl disubstituted methanes, Manufacture of. O. W. Cass. 2,547,689, Apr. 3.
Trichloromethylalkenes. E. C. Ladd and S. D. Shinkle. 2,561,516, July 24.
Trichromatic selective optical light dividing device. A. Berthier, R. Dumas, and A. Marx. 2,542,228, Feb. 20.
Triesters of dithiophosphoric acid. E. O. Hook and P. H. Moss. 2,565,920, Aug. 28.
Trifluoromethyl diphenylamines. N. L. Smith. 2,572,067, Oct. 23.
Trifluoromethyl phenyl-β-naphthylamines. N. L. Smith. 2,572,066, Oct. 23.
Trifluorotrichloropropene, Preparation of. C. I. Gochenour. 2,558,703, June 26.
Trigger-adjusting means for firearms. R. C. Hoard. 2,549,904, Apr. 24.
Trigger and sear mechanism. F. W. Sampson and G. J. Hyde. 2,539,554, Jan. 30.
Trigger attachment for firearms. R. E. Cutler. 2,559,010, July 3.
Trigger circuit. J. R. Cosby. 2,549,667, Apr. 17.
Trigger circuit. K. J. Germeshausen. 2,561,734, July 24.
Trigger circuits. A. H. Dickinson. 2,562,530, July 31.
Trigger for rifles. T. S. Dayton. 2,557,415, June 19.
Trigger mechanism. E. E. Miller. 2,558,871, July 3.
Trigger mechanism for double-barrel guns, Single. W. E. Garrison. 2,573,839, Nov. 6.
Trigger operated pulse amplitude selector. W. A. Miller. 2,577,475, Dec. 4.
Trigger release toggle clamp. J. A. Kirk. 2,544,329, Mar. 6.
Triggered frequency control. R. H. Ranger. 2,543,058, Feb. 27.
Triggered square wave voltage generator. H. F. Stalber. 2,567,742, Sept. 11.
Triggering in electronic switching devices. B. M. Hadfield. 2,577,578, Dec. 4.
Tri-iodide of beta-amylose prepared with iodine vapor. W. L. Minto. 2,540,486, Feb. 6.
Triketones, Production of. D. S. Melstrom and R. T. Holm. 2,569,132, Sept. 25.
Trim panels, Making. F. Lyijynen. 2,573,466, Oct. 30.
Trimethylisothiocyanatosilane. B. A. Bluestein. 2,559,340, July 3.
Trimethylol phenol compound and derivatives thereof. R. W. Martin. 2,579,329, Dec. 18.
Trimmer and molder, Hair. O. W. Grow. 2,551,535, May 1.
Trimmer, Flower bed and lawn edge. J. W. Barnett. 2,547,433, Apr. 3.
Trimmer foot, Automatic. S. G. Garcia. 2,558,353, June 26.
Trimmer, Radio altimeter. J. H. Purl. 2,566,368, Sept. 4.
Trimmer with sectioned housing, Hedge. J. Podner. 2,558,459, June 26.
Trimming attachment for lawn mowers, Lawn edge. H. L. Simmonds. 2,556,946, June 12.
Trimming board. E. C. Pierce. 2,559,088, July 3.
Trimming cans or the like. M. Halowich. 2,575,104, Nov. 13.
Trimming device. R. C. Mansperger. 2,559,725, July 10.
Trimming machine. H. C. Paulsen. 2,564,718, Aug. 21.
Trimming machine, Five-knife three-stage. C. A. Roessl and R. P. Fendius. 2,562,950, Aug. 7.
Trimming machine, Palm tree. B. N. Jones. 2,541,767, Feb. 13.
Trimming machine, Toe lining. W. A. Barker. 2,556,410, June 12.
Trimming mechanism for sewing machines. G. M. Reimer and A. C. Peterson. 2,538,271, Jan. 16.
Trimming mechanism for sewing machines. G. M. Reimer and G. Sauer. 2,538,272, Jan. 16.
Trip for automatic phonographs. K. T. Johnson. 2,545,360, Mar. 13.
Trip-rope releasing device. A. Krushelnicky. 2,546,191, Mar. 27.
Trip unit for automatic baling machines. B. A. Vietti. 2,560,143, July 10.
Triple-action press. R. W. Glasner and E. K. Johansen. 2,550,062, Apr. 24.
Triple capacity plunger pump. W. R. Reed. 2,561,227, July 17.
Triple spout oil can. G. Benton. 2,555,563, June 5.
Triple-tool turning head. B. C. Davis. 2,559,950, July 10.
Tripod. A. G. Epprecht. 2,548,659, Apr. 10.
Tripod base, Collapsible. J. Bloch. 2,553,890, May 22.
Tripod for photographic purposes. G. C. Kammermeyer. 2,550,415, Apr. 24.
Tripod gun mount. P. P. Glassey. 2,575,805, Nov. 20.
Tripod head. J. F. Fishter. 2,555,638, June 5.
Tripod head, Camera. D. S. Weiss. 2,579,635, Dec. 25.
Tripping mechanism, Circuit breaker. W. M. Scott, Jr. 2,536,775, Jan. 2.
Tripping mechanism for baling presses and the like. M. H. Tuft and J. R. West. 2,546,324, Mar. 27.
Trisazo dyestuffs. W. Anderau. 2,576,768, Nov. 27.
Tri-sodium phosphate hypochlorite product, Making a. D. E. Miller. 2,536,456, Jan. 2.
Tris-phenyl ethylene compounds. R. S. Shelton and M. G. Van Campen, Jr. 2,571,954, Oct. 16.
Trocar for biopsia. G. H. Perez and V. P. Menéndez. 2,541,542, Feb. 13.
Trolley conveyer drive. A. G. Rose. 2,575,684, Nov. 20.
Trolley for overhead ducts, Removable. N. Tanner. 2,537,866, Jan. 9.
Trolley pole arrester. F. W. Krause. 2,555,797, June 5.
Trolley propelling device for conveyer systems. A. J. Schenk. 2,575,396, Nov. 20.
Trolling and casting plug. W. W. Stroup and J. J. Faber. 2,538,171, Jan. 16.
Trolling device. F. L. Anglim. 2,572,427, Oct. 23.
Trolling device. A. E. Muller. 2,542,347, Feb. 20.
Trolling extension for fishing lines. A. and N. Westfall. 2,545,326, Mar. 13.
Trolling fixture. C. E. Jaycox. 2,540,584, Feb. 6.
Trolling gear. C. A. Winslow. 2,545,185, Mar. 13.
Trolling sinker. C. L. Hinkson. 2,577,965, Dec. 11.
Trotline holder. J. A. Coward. 2,555,397, June 5.
Trough, Chicken feeding. W. V. and G. E. Niskala. 2,545,105, Mar. 13.
Trough, Combination poultry feed. R. A. Mangieri. 2,566,899, Sept. 4.
Trough for downspouts, Automatically regulated lead-away. L. W. Benck. 2,567,004, Sept. 4.
Trough for fowl, Feeding. G. Duhmert. 2,539,299, Jan. 23.
Trough for motor vehicle ventilating windows. K. G. Anderson. 2,570,744, Oct. 9.
Trough, Hog feeder. B. J. Lattimer. 2,580,106, Dec. 25.
Trough, Hog watering. A. A. Mickalek. 2,545,967, Mar. 20.
Trough, Sanitary hog. L. Dyrdahl. 2,574,174, Nov. 6.
Trough, Stock feed. E. R. and M. M. Sanders. 2,571,490, Oct. 16.
Troughing idler. H. T. Shank. 2,555,765, June 5.
Trouser and skirt hanger. H. C. Ehmke. 2,576,089, Nov. 27.
Trouser construction. H. C. Cookman. 2,571,203, Oct. 16.
Trouser fly construction. L. Markin. 2,549,496, Apr. 17.
Trouser support. W. A. Simons. 2,553,116, May 15.
Trouser waistband fastening means. A. C. Falone and R. H. Alschuler. 2,572,126, Oct. 23.
Trousers hanger. E. A. Lyman. 2,562,559, July 31.

Trowel for digging ferns. G. S. Brown. 2,539,181, Jan. 23.
Trowel, Mixing. H. Lent. 2,561,521, July 24.
Truck. W. H. Baselt. 2,564,091, Aug. 14.
Truck. W. M. Dunn. 2,578,232, Dec. 11.
Truck and attachment therefor, Lift. B. A. Dickson. 2,539,233, Jan. 23.
Truck and battery charging control therefor, Electrically operated. F. E. Burger. 2,539,987, Jan. 30.
Truck and bunker, Industrial. R. D. Beatty. 2,560,206, July 10.
Truck and conveyer, Combined motor. J. R. Kitchens. 2,539,021, Jan. 23.
Truck and conveyer, Sawdust handling. H. L. Thompson. 2,536,476, Jan. 2.
Truck and pallet construction, Hand. R. J. Osborn. 2,543,254, Feb. 27.
Truck assembly for roller skates, Noiseless spring-mounted. A. Wintercorn. 2,557,331, June 19.
Truck attachment, Industrial. S. Weiss. 2,561,896, July 24.
Truck, Barrel. W. L. Guild. 2,574,825, Nov. 13.
Truck, Barrel. W. C. Roe. 2,541,613, Feb. 13.
Truck body. E. L. Wiedman. 2,569,965, Oct. 2.
Truck body for carrying bottle cases. B. G. Copping. 2,574,017, Nov. 6.
Truck body, Garbage compressing. L. A. Le Laurin. 2,557,003, June 12.
Truck body with unloading means. E. T. Newell. 2,541,538, Feb. 13.
Truck bolster, Frictional car. L. E. Endsley. 2,571,225, Oct. 16.
Truck cab suspension. C. F. Kramer. 2,549,102, Apr. 17.
Truck, Car. F. S. Schrage. 2,555,011, May 29.
Truck, Chair. E. T. McComie. 2,558,144, June 26.
Truck construction, Railway. J. C. Travilla, Jr., and E. S. Beckette. 2,573,232, Oct. 30.
Truck, Delivery carrier. H. Machanic. 2,565,820, Aug. 28.
Truck, Emergency vehicle wheel. W. A. Pugh, Sr. 2,573,728, Nov. 6.
Truck floor, Convertible. R. K. Jack. 2,574,483, Nov. 13.
Truck, Folding maid service. P. O. Young. 2,555,178, May 29.
Truck for canal lining equipment. L. R. Zimmerman. 2,549,954, Apr. 24.
Truck for canal lining equipment, Supporting. L. R. Zimmerman. 2,549,953, Apr. 24.
Truck for concrete and the like, Dump. C. Gray. 2,552,850, May 15.
Truck for deep freezers. E. Kolln. 2,571,456, Oct. 16.
Truck for handling cylinders of compressed gas or the like. R. C. Schum. 2,576,048, Nov. 20.
Truck for loading and conveying building materials. M. W. Bird. 2,567,178, Sept. 11.
Truck, Fork lift. S. D. Lapham. 2,574,045, Nov. 6.
Truck frame selectively mounting either a gas engine or an electric motor for powering the drive wheels thereof, Lift. E. J. Dunham. 2,543,690, Feb. 27.
Truck, Hand. J. M. Barber. 2,545,440, Mar. 20.
Truck, Hand. J. C. Chenette. 2,564,248, Aug. 14.
Truck, Hand. A. A. Davis. 2,554,091, May 22.
Truck, High-speed rail. E. H. Piron. 2,562,573, July 31.
Truck, including tilting means therefor, Hand. J. H. Sutherland. 2,546,876, Mar. 27.
Truck, Industrial. S. D. Lapham. 2,547,329, Apr. 3.
Truck, Industrial. M. Lehmann. 2,536,068, Jan. 2.
Truck, Industrial. C. S. Schroeder. 2,548,322, Apr. 10.
Truck, Industrial. W. M. Shaffer. 2,541,298, Feb. 13.
Truck, Industrial. D. N. Walker. 2,561,300, July 17.
Truck, Laterally tippable. L. E. Forss. 2,542,321, Feb. 20.
Truck, Lift. H. J. Framhein. 2,538,680, Jan. 16.
Truck, Lift. G. V. Johnson. 2,561,576, July 24.
Truck, Lift. G. F. Quayle. 2,560,819, July 17.
Truck, Lift. B. I. Ulinski. 2,554,930, May 29.
Truck, Lift. N. Warshaw and R. E. Jeffery. 2,560,146, July 10.
Truck loader. F. F. Matson. 2,560,463, July 10.
Truck, Material handling industrial. F. C. and J. A. Heidrick. 2,578,802, Dec. 18.
Truck, Milking. C. I. Young. 2,560,059, July 10.
Truck mixer. G. A. Rockburg. 2,563,963, Aug. 14.
Truck mounted derrick, Three-leg. L. J. Pospisil. 2,541,970, Feb. 13.
Truck, Pallet. H. J. Framhein. 2,550,548, Apr. 24.
Truck partition. C. H. and W. E. Wells. 2,543,143, Feb. 27.
Truck, Power-driven material handling. C. D. Gibson. 2,564,002, Aug. 14.
Truck, Rail car. C. L. Eksergian. 2,548,596, Apr. 10.
Truck, Rail car. A. O. Williams. 2,561,549, July 24.
Truck, Railroad car. K. F. Nystrom and V. L. Green. Re. 23,428, Nov. 6.
Truck, Railway. D. S. Barrows and E. H. Blattner. 2,566,158, Aug. 28.
Truck, Railway. E. H. Blattner and G. F. Couch. 2,539,607, Jan. 30.
Truck, Railway. W. H. Meyer. 2,559,456, July 3.
Truck, Railway. H. M. Pflager. 2,538,380, Jan. 16.
Truck, Railway. H. M. Pflager. 2,565,519, Aug. 28.
Truck, Railway. W. Van Der Sluys. 2,574,804, Nov. 13.
Truck, Railway car. J. C. Settles and R. M. Wege. 2,557,616, June 19.
Truck, Railway car. C. B. Shaw. 2,545,591, Mar. 20.
Truck, Railway car oiling service. J. Lavallee. 2,565,179, Aug. 21.
Truck, Railway locomotive driving. W. M. Sheehan. 2,558,988, July 3.
Truck, Rear dump. W. F. Double. 2,557,082, June 19.
Truck, Refrigerated milk delivery. C. Nielsen. 2,574,585, Nov. 13.
Truck refrigeration apparatus defrosting mechanism, Automotive. A. R. Clark. 2,546,723, Mar. 27.
Truck rim design. W. S. Brink. 2,537,624, Jan. 9.
Truck, Snubbed. R. B. Cottrell. 2,536,975, Jan. 2.
Truck, Snubbed. R. B. Cottrell. 2,567,551, Sept. 11.
Truck, Snubbed bolster. G. J. Christenson. 2,550,910, May 1.
Truck, Snubbed bolster. G. E. Dath. 2,568,059, Sept. 18.
Truck, Snubbed bolster. L. A. Lehrman. 2,548,223, Apr. 10.
Truck, Snubbed bolster. L. A. Lehrman. 2,572,634, Oct. 23.
Truck, Snubbed bolster. L. A. Lehrman. 2,578,480, Dec. 11.
Truck, Snubbed bolster. F. P. Quinn. 2,569,950, Oct. 2.
Truck, Snubbed bolster. W. L. Schlegel, Jr. 2,557,768, June 19.
Truck, Snubbed bolster. W. L. Schlegel, Jr. 2,570,159, Oct. 2.
Truck, Snubbed bolster. F. H. Spenner. 2,551,064, May 1.
Truck, Snubbed bolster car. J. A. Shafer. 2,563,428, Aug. 7.
Truck, Spring bolster. C. R. Moline. 2,568,201, Sept. 18.
Truck, Straddle lift. R. W. Jacob. 2,576,345, Nov. 27.
Truck tire carrier. J. Binsfeld. 2,556,570, June 12.
Truck tire mounting and demounting attachment for hydraulic lifts. L. A. Briggs. 2,538,759, Jan. 23.
Truck, Vehicle. H. W. Jonkhoff, A. B. Blood, and S. P. Friedman. 2,563,338, Aug. 7.
Truck, Vertical adjustable. B. J. Paulson. 2,537,907, Jan. 9.
Truck, Vertically adjustable furniture. M. F. Fehn. 2,546,539, Mar. 27.
Truck, Warehouse. W. J. Rosenzweig. 2,543,381, Feb. 27.
Truck, Warehouse bobbin. W. F. Lee and D. Stephens. 2,573,206, Oct. 30.
Truck with conveyer unloader, Bulk tank. F. M. Goldsberry. 2,573,193, Oct. 30.
Truck with elevator platform, Hand. A. M. Sasgen and F. P. Hopfeld. 2,560,131, July 10.
Truck with hand tilted frame, Industrial. D. A. Lyons. 2,570,256, Oct. 9.
Truck with selective ground engaging auxiliary reels. C. O. Christensen. 2,563,919, Aug. 14.
True airspeed indicator. J. B. Peterson. 2,574,656, Nov. 13.
Truing and balancing device for a face type diamond grinding wheel. E. Speicher. 2,546,529, Mar. 27.
Truing and balancing device for face type diamond grinding wheels. E. Speicher. 2,577,042, Dec. 4.
Truing machine, Centerless. F. M. Rosaz. 2,568,825, Sept. 25.
Truing mechanism, Precision wheel. W. A. Hoier. 2,565,687, Aug. 28.
Trunk deformation correcting device. O. Austlid. 2,552,475, May 8.
Trunking system for telephone exchanges, Dial-back. R. T. Campbell. 2,570,763, Oct. 9.
Trunks with waterproof pocket, Bathing. F. Kowatsch. 2,544,840, Mar. 13.
Trunnion support for attachments. H. L. Dalton. 2,574,250, Nov. 6.
Truss. E. A. Creighton. 2,539,508, Jan. 30.
Truss. J. Gutsch. 2,568,282, Sept. 18.
Truss. F. C. Jones. 2,536,502, Jan. 2.
Truss. L. J. Marrier. 2,568,815, Sept. 25.
Truss, Abdominal. L. Puski. 2,548,557, Apr. 10.
Truss construction. C. Grant. 2,562,355, July 31.
Truss construction. A. Mergehenn. 2,543,416, Feb. 27.
Truss for hernia. M. M. Sky. 2,566,148, Aug. 28.
Truss for ruptures, Supporting. A. H. Hinkle. 2,547,643, Apr. 3.
Truss for treatment of inguinal rupture. A. Satori. 2,543,644, Feb. 27.
Truss, Hemorrhoid. A. C. Furr. 2,559,762, July 10.
Truss or beam for metallic building structures. J. S. Bobst. 2,574,241, Nov. 6.
Truss pad. W. A. Pease. 2,557,309, June 19.
Truss type aircraft wheel. H. H. Kerr. 2,544,387, Mar. 6.
Trussed brake beam with fixed head. F. W. Lewis 2,562,279, July 31.
Trust balancing means. V. T. Moore. 2,540,902, Feb. 6.
Tub and agitator for washing machines. G. E. Whitlock. 2,565,056, Aug. 21.
Tub and mounting therefor, Walk-in bath. J. W. Davis. 2,536,540, Jan. 2.
Tub, Double compartment bath. S. J. Gibson. 2,548,301, Apr. 10.
Tub, Folding bath. W. P. and R. H. Mayo. 2,541,263, Feb. 13.
Tub, Sliding. A. N. Schaffhausen, Sr. 2,551,906, May 8.

Tub, Walk-in-bath. A. E. Fowler and A. Dressler, Jr. 2,570,053, Oct. 2.

Tube: *See*—
Antisiphoning spray tube.
Barrier grid storage tube.
Beam amplifier tube.
Cathode-ray tube.
Child's drinking tube.
Cold cathode electric discharge tube.
Color television tube.
Control tube.
Corona voltage regulator tube.
Deflection beam tube.
Deflection type vacuum tube.
Diffuser tube.
Electric discharge tube.
Electron beam vacuum tube.
Electron camera tube.
Electron multiplier tube.
Electron tube.
Electronic tube.
Filter tube.
Finned tube.
Gas burner mixing tube.
Geiger tube.
High-frequency vacuum tube.
Harmonic coaxial-line tube.
High-frequency high-power tube.
Image converter tube.
Image intensifying tube.
Image storage tube.
Inner tube.
Integral finned tube.
Isocon pickup tube.
Luminous discharge tube.
Movable electrode tube.
Multiple gap velocity modulation tube.
Multiple layer collapsible tube.
Photoelectric tube.
Pitot tube.
Plural beam tube.
Polar co-ordinate cathode-ray tube.
Push-pull output tube.
Radial beam modulator tube.
Ray detection tube.
Röntgen tube.
Rotary anode X-ray tube.
Safety inner tube.
Self-closing tube.
Sizing tube.
Storage electrode type cathode-ray tube.
Supported electrode metal radio tube.
Switch tube.
Switching tube.
Target-area-selection-type tube.
Television color picture tube.
Television image and pick-up tube.
Television pickup tube.
Thermocouple tube.
Tire tube.
Ultra high frequency discharge tube.
Ultra high-frequency electron tube.
Ultra high frequency thermionic tube.
Velocity-section-type pick-up tube.
Voltage reference tube.

Tube and a protective jacket therefor, Collapsible. J. W. Knoblock. 2,557,121, June 19.
Tube and associated circuit, Cavity-resonator. G. Diemer. 2,577,454, Dec. 4.
Tube and circuit arrangement therefor, Electron discharge. R. Bonne, P. Cahour, and P. Grivet. 2,574,012, Nov. 6.
Tube and circuit therefor, Vacuum. C. W. Hansell. 2,568,855, Sept. 25.
Tube and circuit therefor, Electron. W. E. Evans, Jr. 2,547,631, Apr. 3.
Tube and circuit, Thermionic vacuum. R. H. Varian and D. Packard. 2,558,021, June 26.
Tube and circuits for the use thereof, Cold cathode. E. D. Spierer. 2,551,225, May 1.
Tube and grid for the same, Electron. H. D. Miller. 2,539,096, Jan. 23.
Tube and manufacture, Photoelectric. G. Lewin and J. Benes, Jr. 2,537,225, Jan. 9.
Tube and pipe fitting. H. R. Harding. 2,547,318, Apr. 3.
Tube and rod production. T. G. Wrightson and N. C. Lake. 2,560,058, July 10.
Tube and sealing, Sealing. W. F. Grimes. 2,554,328, May 22.
Tube and system for viewing invisible radiations. H. W. Leverenz. 2,563,472, Aug. 7.
Tube apparatus embodying a cavity resonator, Electronic. D. H. Sloan. 2,539,210, Jan. 23.
Tube beading tool. H. F. Brinen and E. J. Kothera. 2,542,305, Feb. 20.
Tube-bending apparatus. J. W. Armstrong and B. E. Frank. 2,565,940, Aug. 28.
Tube calipers for inside measurements within cylinders, Automatic recording. F. M. Poole. 2,571,161, Oct. 16.
Tube cap having a spring-biased pivoted closure. D. V. and M. C. O'Keefe. 2,558,314, June 26.
Tube carrier retriever, Pneumatic. J. P. Van Horn. 2,574,673, Nov. 13.
Tube centering device, Cathode-ray. E. Pohle. 2,575,835, Nov. 20.
Tube circuit arrangement, Electron discharge. E. Green. 2,574,868, Nov. 13.
Tube circuit arrangement, Electron-discharge. F. C. Williams. 2,540,923, Feb. 6.
Tube closure. C. B. Cooper. 2,547,306, Apr. 3.
Tube closure. O. J. Warman. 2,554,353, May 22.
Tube closure, Resilient. F. Boxer. 2,543,432, Feb. 27.
Tube collapsing mechanism for dispensers. L. Moricich. 2,562,937, Aug. 7.
Tube combined beam centering and deflection device, Cathode-ray. R. O. Gray. 2,553,039, May 15.
Tube connecting device. H. W. Ronfeldt. 2,557,766, June 19.
Tube connection, Flareless. G. V. Woodling. 2,579,529, Dec. 25.
Tube construction, Friction. C. Merryman. 2,563,128, Aug. 7.
Tube construction, Telescoping. F. J. Ross. 2,551,294, May 1.
Tube control for sawtooth generators, Reactance. R. R. English. 2,566,762, Sept. 4.
Tube coupling. T. M. Fason. 2,570,224, Oct. 9.
Tube coupling. R. E. Herold. 2,536,745, Jan. 2.
Tube coupling. C. E. Patterson. 2,556,659, June 12.
Tube cross connection. J. L. Bradfield. 2,538,859, Jan. 23.
Tube cutoff machine. N. D. Abbey. 2,562,879, Aug. 7.
Tube cutter. L. Edelmann. 2,536,161, Jan. 2.
Tube cutter. C. H. Woodcock. 2,538,890, Jan. 23.
Tube cutting device. E. W. Findlay. 2,539,124, Jan. 23.
Tube deburring machine. R. E. Branch. 2,539,723, Jan. 30.
Tube dispenser cap. G. F. Post. 2,540,215, Feb. 6.
Tube dispensing device having pivotally mounted housing members with transversely slidable pressure plates mounted therein. E. C. Littlefield. 2,568,286, Sept. 18.
Tube dispensing device having rockable tube-engaging members, Collapsible. C. F. and V. A. Nelson. 2,574,797, Nov. 13.
Tube end forming machine with automatically operated chuck, punch, and stop means, Heavy-duty hydraulic. J. L. Vaill. 2,543,480, Feb. 27.
Tube equipment, Cathode-ray. A. H. B. Walker and L. H. Peter. 2,548,572, Apr. 10.
Tube evaporator, Vertical. H. E. Jacoby and C. P. Nilan. 2,544,885, Mar. 13.
Tube evaporator, Vertical. R. J. Serpas. 2,538,275, Jan. 16.
Tube expander. F. P. Fitzgerald. 2,543,007, Feb. 27.
Tube expander. E. B. Knowlton. 2,546,756, Mar. 27.
Tube fitting assembly. J. B. Parsons. 2,550,591, Apr. 24.
Tube fixture, Gaseous discharge. D. H. Holden. 2,564,362, Aug. 14.
Tube flaring machine. R. I. Hahn and B. E. Frank. 2,569,523, Oct. 2.
Tube focusing device of the permanent magnet type, Cathode-ray. W. F. Steers. 2,568,668, Sept. 18.
Tube focusing system, Cathode-ray. C. S. Szegho. 2,571,306, Oct. 16.
Tube focusing system, Cathode-ray. C. S. Szegho and T. G. Polanyi. 2,556,455, June 12.
Tube for hearing aids, Sound conducting. L. D. Cates. 2,566,313, Sept. 4.
Tube for instruments or televisions, Push-pull electron. J. W. Acosta. 2,558,120, June 26.
Tube for operation with short waves, Electron. P. Grivet. 2,578,471, Dec. 11.
Tube for projector devices formed from two identical channel-shaped members, Lamp. H. A. Gardner. 2,566,185, Aug. 28.
Tube for raising fish nets, Inflatable. J. S. Jardim. 2,549,475, Apr. 17.
Tube for ultra high frequency, Electron. W. G. Wagener. 2,554,134, May 22.
Tube forming apparatus. F. V. Collins. 2,536,911, Jan. 2.
Tube frame for Axminster looms. O. V. Payne. 2,577,265, Dec. 4.
Tube frame for Axminster looms. W. Y. Robb. 2,569,196, Sept. 25.
Tube handling and projecting apparatus, Capillary. W. W. Davis and T. V. Parke. 2,544,629, Mar. 16.
Tube handling apparatus, Collapsible. E. Lehmann. 2,572,164, Oct. 23.
Tube having a rotary anode, X-ray. B. Combee. 2,570,770, Oct. 9.
Tube having low tube losses, Controllable electron discharge. W. G. Brown. 2,559,395, July 3.
Tube holder and squeezer with intermittent actuator for winding rollers. R. R. Rakestraw. 2,542,571, Feb. 20.
Tube impulse pattern producer, Vacuum. O. T. Francis. 2,572,849, Oct. 30.
Tube liner for high temperature melamine plant, Graphite reaction. J. S. Mackay and J. R. Bower, Jr. 2,575,497, Nov. 20.
Tube lock for guns. W. Summerbell. 2,539,494, Jan. 30.
Tube of the incandescent filament type, High-voltage electronic rectifier. B. K. M. Magnusson. 2,568,552, Sept. 18.
Tube of the magnetron type for ultra-short waves. A. Lerbs. 2,566,087, Aug. 28.
Tube of the traveling wave type, Electronic. J. W. Tiley. 2,541,843, Feb. 13.
Tube or cane crack-off machine, High-speed. C. Eisler 2,553,136, May 15.
Tube plug. M. A. Elliott. 2,563,592, Aug. 7.
Tube protection circuit. W. B. Bernard. 2,572,832, Oct. 30.
Tube rack for qualitative chemical analysis. F. L. Adelson. 2,568,677, Sept. 18.
Tube severing machine. F. Grieder. 2,572,137, Oct. 23.
Tube sheet Segmental. J. W. Throckmorton and J. S. Wallis. 2,562,072, July 24.
Tube socket and holder for electrical parts. E. H. Hugenholtz and F. Krienen. 2,543,577, Feb. 27.
Tube socket structure. S. M. Del Camp. 2,571,845, Oct. 16.
Tube splicing apparatus. E. D. George. 2,541,696, Feb. 13.
Tube splicing apparatus. E. D. George. 2,561,019, July 17.
Tube structure and system, High-frequency. D. L. Snow, S. F. Varian, C. Dodd, and L. R. Hildebrand. 2,540,142, Feb. 6.

Tube structure, Electron. J. D. Reid. 2,562,820, July 31.
Tube structure, High-frequency. J. R. Woodyard. 2,537,112, Jan. 9.
Tube structure, High-frequency electron. W. W. Hansen. 2,544,680, Mar. 13.
Tube structure. High-frequency electron. W. H. Hansen and J. R. Woodyard. 2,544,679, Mar. 13.
Tube support. R. D. Weber. 2,542,442, Feb. 20.
Tube system of the velocity modulation type, Electron. F. Coeterier. 2,538,669, Jan. 16.
Tube system, Pickup. P. K. Weimer. 2,540,637, Feb. 6.
Tube termination for telegraph purposes. R. M. M. Oberman. 2,551,694, May 8.
Tube tester, Inner. A. Moebes. 2,549,222, Apr. 17.
Tube thickener. E. G. Smith and O. M. Cocchiarella. 2,578,636, Dec. 11.
Tube to encircle an elongated lighting element, Light diffusing thermoplastic. C. E. Slaughter. 2,551,710, May 8.
Tube which requires no external cathode heating circuit, Hot cathode electron. G. W. Baker. 2,563,573, Aug. 7.
Tube winding and extruding key, Collapsible. A. A. Gonzalez. 2,545,773, Mar. 20.
Tube with airstream aligning means, Pitot-static. J. P. Paine and O. C. Zahnow. 2,554,634, May 29.
Tube with arc discharge, Gaseous discharge. E. W. Hullegård. 2,559,769, July 10.
Tube with electron velocity compensation. G. C. Sziklai and R. D. Kell. 2,563,197, Aug. 7.
Tube with finger-engaging opening tabs, Sealed. J. O. Scherer. 2,552,870, May 15.
Tube with means for extruding the tube's contents, Casing supporting collapsible. P. E. Veon and J. K. Ryan. 2,567,629, Sept. 11.
Tube with secondary emission electrode, Beam deflection. H. Nelson. 2,563,482, Aug. 7.
Tubeflo section. W. Bisch. 2,539,886, Jan. 30.
Tubeflo section. W. Bisch. 2,578,917, Dec. 18.
Tubes and like containers or articles of hardened lead thinly coated with tin, Manufacture of collapsible. A. A. J. J. Goffart. 2,551,116, May 1.
Tubes, Making flexible. R. E. Roberts. 2,560,369, July 10.
Tubes, Making interleaved. A. Dreyer. 2,539,237, Jan. 23.
Tubes, Tangentially finned heat exchange. A. Huet. 2,578,136, Dec. 11.
Tubes with reflector electrodes, Velocity modulated beam. E. Touraton, R. Zwobada, and A. M. Gratzmuller. 2,570,289, Oct. 9.
Tubing bundle or cluster. C. H. Barnard. 2,578,280, Dec. 11.
Tubing caliper. D. B. McMahan. 2,544,609, Mar. 6.
Tubing calipering device. J. V. Fredd. 2,578,236, Dec. 11.
Tubing head and blowout preventer, Combined. W. P. French. 2,578,056, Dec. 11.
Tubing, Plywood. J. J. Dunne and O. S. Tuttle. 2,543,901, Mar. 6.
Tubing unit, Flexible. E. W. Parlasca. 2,565,184, Aug. 21.
Tubular assembly. S. W. Kanaval. 2,540,169, Feb. 6.
Tubular dispensing container. V. Muscat and H. F. Temple. 2,569,325, Sept. 25.
Tubular drop chamber and an arrester. R. M. Manning. 2,565,180, Aug. 21.
Tubular rivet. R. S. Colley. 2,562,019, July 24.
Tubular rotary cutter. E. Lindsey. 2,573,462, Oct. 30.
Tubular structure. E. C. Booth. 2,546,493, Mar. 27.
Tubular supporting base. F. L. Duer. 2,562,022, July 24.
Tubular supporting member. M. S. Dunkelberger. 2,567,926, Sept. 18.
Tuberculin, Preparing pure autolytic. H. J. Corper. 2,554,242, May 22.
Tuck end container. B. F. Kells and J. C. D'Esposito. 2,572,159, Oct. 23.
Tucking device for knitting machines, Two-step. J. N. Gilbreath. 2,544,829, Mar. 13.
Tufting. W. W. Hamby. 2,578,242, Dec. 11.
Tufting apparatus. A. Crawford. 2,556,068, June 5.
Tumbler having operation sequence controls, Drying. H. C. Ellis. 2,570,437, Oct. 9.
Tumbling apparatus. W. A. Johnston. 2,552,855, May 15.
Tumbling process, Continuous. R. E. Gould. 2,554,022, May 22.
Tumbling process for bearing assemblies. J. A. Howe. 2,548,264, Apr. 10.
Tunable high-frequency circuit. A. E. Abbot and H. W. Dryden. 2,542,974, Feb. 27.
Tunable magnetron. C. W. Becker. 2,566,478–9, Sept. 4.
Tunable radio frequency filter. S. B. Cohn. 2,577,511, Dec. 4.
Tunable resonance chamber. W. F. Kannenberg. 2,573,148, Oct. 30.
Tunable resonant circuit. J. J. Godbey. 2,537,985, Jan. 16.
Tuner and time circuit control, Automatic. F. Scalise. 2,578,843, Dec. 18.
Tuner, Electronically controlled. B. A. Schwarz and J. H. Guyton. 2,550,430, Apr. 24.
Tuner for cavity resonators, Mechanical. P. P. Derby. 2,542,908, Feb. 20.
Tuner for radio sets, Sequential. J. H. Teaf and S. S. Cramer. 2,563,664, Aug. 7.
Tuner for television receivers. E. J. H. Bussard. 2,579,789, Dec. 25.
Tuner for ultrahigh radio frequencies. F. M. Murphy and J. E. La Marsh. 2,573,045, Oct. 30.
Tuner linkage. G. F. Behringer. 2,544,127, Mar. 6.
Tuner, Preselector. A. J. Kovach. 2,565,611, Aug. 28.
Tuner, Variable inductance. J. O. Silvey. 2,553,339, May 15.
Tuning aid for frequency-modulation receivers. J. C. Tellier. 2,571,309, Oct. 16.
Tuning aid for radio receivers. J. C. Tellier. 2,560,312, July 10.
Tuning and dialing device, Touch. G. J. van Lennep. 2,543,389, Feb. 27.
Tuning apparatus. J. H. Altmann and E. W. Swanson. 2,536,409, Jan. 2.
Tuning apparatus. L. H. Zepp and J. W. Hayward. 2,545,681, Mar. 20.
Tuning apparatus, High-frequency. C. Dodd. 2,575,334, Nov. 20.
Tuning apparatus, Shielded ultra high frequency. F. C. Isely. 2,557,969, June 26.
Tuning apparatus, Ultra high frequency. H. F. Rieth. 2,557,234, June 19.
Tuning arrangement. M. S. Glass. 2,537,341, Jan. 9.
Tuning assembly. M. Petroff. 2,550,162, Apr. 24.
Tuning control. D. H. Mills and N. F. Martin. 2,573,801, Nov. 6.
Tuning control for television sets. J. A. Jones. 2,550,483, Apr. 24.
Tuning control for thermally tuned devices or oscillators. E. E. Crump. 2,566,825, Sept. 4.
Tuning control mechanism. L. G. Dixon. 2,577,955, Dec. 11.
Tuning device. B. N. Fisher. 2,540,196, Feb. 6.
Tuning device. P. H. Reedy. 2,548,819, Apr. 10.
Tuning device, Drum. D. E. Hull. 2,550,249, Apr. 24.
Tuning device for multiband receivers. R. I. Weber. 2,538,717, Jan. 16.
Tuning device for radio receivers. E. A. Hallstrand and W. J. Myers. 2,556,875, June 12.
Tuning device for use at ultrahigh frequencies, Wide-range. C. A. Stutt. 2,575,199, Nov. 13.
Tuning device, High-frequency. J. D. Funderburg and B. P. Heinmiller. 2,572,130, Oct. 23.
Tuning device, Multiple frequency automatic. A. E. Violet. 2,541,128, Feb. 13.
Tuning device, Spiral. P. Ware. 2,575,856, Nov. 20.
Tuning fork driver. A. N. Stanton. 2,558,991, July 3.
Tuning fork structure. J. J. Murray, Jr. 2,574,188, Nov. 6.
Tuning head for stringed musical instruments. J. E. Kluson. 2,557,877, June 19.
Tuning indicator. G. C. Sziklai and R. R. Thalner. 2,556,828, June 12.
Tuning means for coaxial line conductors. H. G. Miller. 2,543,042, Feb. 27.
Tuning means for resonant transmission lines. J. C. Achenbach. 2,551,228, May 1.
Tuning means for ultra high frequency signal generators. A. V. Haeff, C. B. Smith, and R. H. Mellen. 2,537,052, Jan. 9.
Tuning mechanism, Differential. A. H. Wulfsberg. 2,572,964, Oct. 30.
Tuning mechanism for superheterodyne radio receivers of the step-tuned type. L. C. Shapiro. 2,567,860, Sept. 11.
Tuning mechanism, Midget inductance. W. A. Schaper. 2,555,248, May 29.
Tuning method for musical instruments. J. T. Kunz. 2,542,540, Feb. 20.
Tuning of electrical resonators. H. G. Cooper and H. L. Schultz. 2,561,727, July 24.
Tuning peg for musical instruments. B. R. Nyhagen. 2,558,059, June 26.
Tuning radio receivers. R. W. Akemann. 2,572,965, Oct. 30.
Tuning system and method, Discrete-interval. B. S. Vilkomerson. 2,555,522, June 5.
Tuning system, Automatic. V. O. Stokes. 2,538,539, Jan. 16.
Tuning system for radio receivers, Manual. J. C. Tellier. 2,560,313, July 10.
Tuning system for resonant circuits. L. H. Bedford and A. H. A. Wynn. 2,538,439, Jan. 16.
Tuning system for superheterodyne receiver, Permeability. W. Y. Pan. 2,565,261, Aug. 21.
Tuning system, Short wave. A. Kach and A. de Quervain. 2,542,416, Feb. 20.
Tuning system, Variable permeability. W. F. Sands. 2,555,511, June 5.
Tuning unit, Inductance. L. L. Toman. 2,543,479, Feb. 27.
Tuning unit with trimming condenser. C. N. Ehrlich. 2,562,263, July 31.
Tungsten oxide catalyst, Preparation of. P. W. Reynolds and D. M. Grudgings. 2,536,768, Jan. 2.
Tunnel and pickup guard, Stalk-gathering. L. Haapala. 2,553,855, May 22.
Tunnel drain construction on semitrailer tanks. W. E. Cellwork. 2,536,263, Jan. 2.

Tunnel freezing apparatus and method. I. H. Polk. 2,573,725, Nov. 6.
Tunnel kiln. W. L. Hanley, Jr. 2,550,807, May 1.
Tunnel kiln. E. van der Pyl. 2,577,935, Dec. 11.
Tunnel, Supersonic wind. R. H. Johnson. 2,580,228, Dec. 25.
Turbine. R. M. Williams. 2,556,020, June 5.
Turbine and cycle, Gas. C. H. Miller. 2,557,131, June 19.
Turbine and pump for combustion chambers, Auxiliary. R. H. Goddard. 2,563,025, Aug. 7.
Turbine and the like. H. Constant. 2,565,594, Aug. 28.
Turbine apparatus. M. Gottlieb. 2,571,707, Oct. 16.
Turbine apparatus. W. R. New. 2,574,190, Nov. 6.
Turbine blade mounting. R. S. Buck. 2,553,078, May 15.
Turbine blades, Making. E. F. Gibian. 2,577,747, Dec. 11.
Turbine control apparatus. H. Anderson. 2,545,187, Mar. 13.
Turbine diaphragm arrangement and assembly. B. C. Thorn. 2,556,890, June 12.
Turbine drive. L. L. Salter. 2,567,581, Sept. 11.
Turbine, Dual rotation. D. J. Bloomberg. 2,552,138, May 8.
Turbine, Elastic fluid. S. C. Fisher and R. S. Lynch. 2,548,714, Apr. 10.
Turbine, Gas. R. J. Imbert. 2,565,178, Aug. 21.
Turbine, Gas. E. A. Stalker. 2,567,249, Sept. 11.
Turbine in which the rotors are connected by means of differential gear trains, Multistage. J. E. Anderson. 2,553,839, May 22.
Turbine power plant, Air-driven. W. E. Rushing. 2,539,862, Jan. 30.
Turbine power plant, Internal-combustion. R. H. H. Barr. 2,546,420, Mar. 27.
Turbine, Rotary reaction combustion. W. A. Billups. 2,536,024, Jan. 2.
Turbine rotor cooling. W. A. Ledwith. 2,554,368, May 22.
Turbine rotor cooling arrangement. G. B. Warren. 2,552,239, May 8.
Turbine, Tubular. E. N. Hampton. 2,544,154, Mar. 6.
Turbine type internal-combustion engine. W. V. Johnson. 2,551,006, May 1.
Turbine wheels, Making. D. P. Eastman and T. L. Swansen. 2,559,013, July 3.
Turbine with variable nozzle area for maintaining constant pressure drop through the turbine. A. B. Newton. 2,544,852, Mar. 13.
Turbocharger, Air-cooled. H. Davis. 2,578,785, Dec. 18.
Turbojet propulsion apparatus with separate combustion discharge jets. E. E. Christopher. 2,542,628, Feb. 20.
Turbo-prop exhaust nozzle control system utilizing impact and exhaust pressures as parameters. W. G. Lundquist and K. A. Browne. 2,537,772, Jan. 9.
Turbo-supercharger system having controlled inlet and exhaust waste gate. G. I. Holmes. 2,559,623, July 10.
Turf penetrating machine and element therefor. T. C. Mascaro. 2,580,236, Dec. 25.
Turfing tool. H. Kittner. 2,565,135, Aug. 21.
Turkey blackhead control composition. E. Waletzky. 2,547,677, Apr. 3.
Turkey caller. J. C. Malone, Sr. 2,573,856, Nov. 6.
Turkey enterohepatitis control composition. E. Waletzky. 2,543,748, Mar. 6.
Turkey, Preparing boned. D. Cutrera. 2,571,544, Oct. 16.
Turnbuckle and locking device therefor. C. C. Bratthauer, C. E. Gallagher and W. S. Clewell. 2,538,757, Jan. 23.
Turnbuckle attachment for trusses. J. H. Wellborn. 2,539,290, Jan. 23.
Turnover safety switch. K. S. Clapp. 2,541,571, Feb. 13.
Turnstile. W. W. Wingo. 2,564,872, Aug. 21.
Turnstile checking device. S. Zemel. 2,568,378, Sept. 18.
Turntable. F. C. Poyner. 2,536,218, Jan. 2.
Turntable as used for display purposes and friction drive mechanism therefor. W. Odenthal. 2,566,674, Sept. 4.
Turntable for fifth wheel trailer couplings. J. N. Apgar. 2,567,312, Sept. 11.
Turntable for instrument trainers. W. D. MacGillivray. 2,538,786, Jan. 23.
Turntable, Garage. D. E. Ready. 2,566,634, Sept. 4.
Turntable transfer, Vertically movable. D. C. Robson. 2,559,319, July 3.
Turner, Doughnut. T. B. Brickson. 2,537,204, Jan. 9.
Turner, Food. J. Ditto. 2,551,877, May 8.
Turner, Pancake. V. Loomis. 2,563,255, Aug. 7.
Turner, Rouleau. M. Temple. 2,570,012, Oct. 2.
Turning and thread-cutting device, Combined. C. C. Taylor. 2,549,141, Apr. 17.
Turning angle indicator. I. Frazee. 2,562,142, July 24.
Turning device, Page. B. Blez. 2,545,839, Mar. 20.
Turning-in machine for bookbinders. J. G. Ort and J. R. Hibbard. 2,536,210, Jan. 2.
Turning tool. D. H. Montgomery. 2,557,454, June 19.
Turret and treadle bar tuner. C. W. Blossey and M. G. Wright. 2,571,411, Oct. 16.
Turret index mechanism, Hydraulically actuated. O. and H. O. Kylin. 2,549,746, Apr. 17.
Turret lathe. R. M. Gamble. 2,562,266, July 31.
Turret lathe, Automatic. L. E. Godfriaux. 2,565,305, Aug. 21.
Turret-mounted chain-saw holding claw. A. F. Stone and E. A. Hayden. 2,572,405, Oct. 23.
Tussle mitten. F. A. Broderick. 2,574,086, Nov. 6.
Tuyère. W. H. Avery and B. S. Old. 2,540,231, Feb. 6.
Tuyère changing machine. R. A. Roberts. 2,566,637, Sept. 4.
Tuyère element for use in a stoker retort. F. L. Kyger. 2,565,241, Aug. 21.
Tuyère, Mixing. L. Chaboisseau. 2,557,596, June 19.
Tweezer article, Pocket. R. Y. Bovee. 2,575,652, Nov. 20.
Twelve cavity grommet mold. R. L. Simpkins, J. S. Materka, and H. A. Elliott. 2,578,492, Dec. 11.
12,21-dihalopregnanes and process. E. C. Kendall and G. A. Fleisher. 2,563,247, Aug. 7.
20-cyanopregnenes and process. L. H. Sarett. 2,558,785, July 3.
20-dimethylamino-pregnenes and their quaternary halides. P. L. Julian, H. C. Printy and E. W. Meyer. 2,561,378, July 24.
24-aryl-5,23-choladienes. R. H. Levin, A. V. McIntosh, Jr., and G. B. Spero. 2,575,351, Nov. 20.
21-iodo-pregnene-(5)-01-(3)-one-(20), Preparing. H. Ruschig. 2,554,472, May 22.
22-acyloxy-22-monoaryl bisnor-4-cholene-3-ones. R. H. Levin, A. V. McIntosh, Jr., and G. B. Spero. 2,554,997, May 29.
22-aryl-bisnor-4-cholene-22-ol-3-ones. R. H. Levin, A. V. McIntosh, Jr., and G. B. Spero. 2,554,995, May 29.
22-monoaryl-bisnor-4,20 :22-choladiene-3-ones. R. H. Levin, A. V. McIntosh, Jr., and G. B. Spero. 2,554,996, May 29.
Twin screw mechanical feeder. A. T. Hurter. 2,562,427, July 31.
Twist direction finder. C. S. W. Buchanan. 2,554,518, May 29.
Twist drill. P. B. Berlien. 2,576,664, Nov. 27.
Twist drill. G. H. Cogsdill. 2,555,302, June 5.
Twist drill gauge. N. H. Swanson. 2,546,934, Mar. 27.
Twister frame spindle support. A. E. Winslow. 2,573,081, Oct. 30.
Twister or pliers, Yarn. H. J. Potts. 2,551,462, May 1.
Twisting and winding machine drive system. J. A. Truitt. 2,575,476, Nov. 20.
Twisting control mechanism for brush-making machines. A. L. Le Febvre, M. H. Strong, and E. J. Gatting. 2,542,686, Feb. 20.
Twisting mechanism. O. Bochmann, O. Schröder, and W. Lenk. 2,574,957, Nov. 13.
Twisting mechanism. C. B. Weller. 2,551,986, May 8.
Twisting of textile and other yarns, threads and filaments. J. R. Foster. 2,571,854, Oct. 16.
Twisting spindle tension device. R. H. Carter and C. B. Kingsbury. 2,571,109, Oct. 16.
Twisting strands together to form a ply construction. R. J. Clarkson. 2,550,136, Apr. 24.
2-acylated arylamino-2-thioethylidene derivatives of heterocyclic nitrogen bases. L. G. S. Brooker and F. L. White. 2,556,516, June 12.
2-alkyliminonaphtho [2,3]-1,3-dithole-4,9-dione alkohalide and fungicidal compositions containing same. N. K. Sundholm. 2,547,724, Apr. 3.
2-aminoalkyl-9-fluorenones. S. M. Olin and O. E. Fancher. 2,556,102, June 5.
2-amino-4-hydroxy-6-(hydroxymethyl)-pteridine. H. Spiegelberg. 2,546,959, Apr. 3.
2-amino-4-hydroxy-6-methylol pteridine, Preparing. J. Semb. 2,547,501, Apr. 3.
2-amino-4-hydroxy-6-omega-carboxytrihydroxy-propylpteridines. H. G. Petering and J. A. Schmitt. 2,568,685, Sept. 18.
2-amino-4-methyl pyrimidines and preparing same. H. Andersag and H. Mauss. 2,570,087, Oct. 2.
2-aminoquinoxaline and preparing same. F. J. Wolf. 2,537,871, Jan. 9.
Two-battery charging system for vehicles and the like, Selective. W. Cermak. 2,564,957, Aug. 21.
2-bromothiophene. C. E. Johnson and G. M. Wagner. 2,544,164, Mar. 6.
2-carboalkoxy-1,3-butadiene dimers by the pyrolysis of novel 2,2,3-substituted butanes, Preparation of novel. J. C. Westfahl and D. S. Sears. 2,548,184, Apr. 10.
2-carboalkoxy-3-keto-4-acylamido-tetrahydrothiophene. S. A. Harris. 2,537,893, Jan. 9.
2-chloro-1-p-chlorophenyl-2-nitro-1-p-tolylpropane and insecticidal compositions containing it. H. B. Hass and M. B. Neher. 2,538,724, Jan. 16.
2-chloroprocaine salt of penicillin. H. W. Rhodehamel, Jr. 2,547,782, Apr. 3.
Two-color rotary offset sheet press. C. W. Harrold. 2,542,867, Feb. 20.
Two-cycle double-acting engine. R. L. Wilkins. 2,569,269, Sept. 25.
Two-cycle internal-combustion engine with exhaust gas turbine. W. P. Mansfield and J. White. 2,570,036, Oct. 2.
Two-cylinder fluid meter. W. F. Berck. 2,555,629, June 5.
2,8-dihydroxydibenzothiophene. F. P. Richter and E. W. Fuller. 2,571,384, Oct. 16.
2,5-diamino-1-thiadiazine-3,4 and derivatives thereof. H. A. Walter. 2,536,521, Jan. 2.
2,5-disubstituted-tetrahydro-1,2,5-thiadiazines and preparing same. G. E. P. Smith, Jr., and J. A. Shotton. 2,537,633, Jan. 9.
2,4-diamino-5-benzylpyrimidines 2. G. H. Hitchings and E. A. Falco. 2,579,259, Dec. 18.

2,4-diamino-5-phenyl-6-alkylpyrimidines. G. H. Hitchings, P. B. Russell, and E. A. Falco. 2,576,939, Dec. 4.
2,4-diamino pteridines and preparing same. D. R. Seeger. 2,568,597, Sept. 18.
2,4-diamino-6-omega-carboxytrihydroxy-propylpteridine. H. G. Petering and J. A. Schmitt. 2,568,462, Sept. 18.
2,4-oxazolidinediones. R. W. Stoughton. 2,578,611, Dec. 11.
2-haloquinoxaline and preparing same. F. J. Wolf. 2,537,870, Jan. 9.
2-hydroxy,4-amino isophthalic acid and production thereof. E. Felder. 2,555,736, June 5.
2-hydroxymethyl-6-chlorothymol. H. E. Faith. 2,560,760, July 17.
2-hydroxy-pteroic acid and the n-formylated derivatives thereof. D. E. Wolf. 2,580,059, Dec. 25.
2-hydroxy-pyridine-N-oxide and preparing same. E. N. Shaw. 2,540,218, Feb. 6.
2-isopropylmethylaminoethyl ester of phenylcyclopentylacetic acid and salts thereof. R. B. Moffett. 2,558,146, June 26.
Two-liquid feeding reflecting device for combustion chambers in propulsion apparatus. R. H. Goddard. 2,555,085, May 29.
2-methoxy-1-alkanols and 2-methoxy-1-alkanals, Preparation of. J. D. C. Wilson, II. 2,555,950, June 5.
2-methyl-5-benzoyl benzoxazole and cyclammonium salts thereof, Preparation of. J. C. Firestine. 2,561,190, July 17.
2-methyl-4-keto-3-substituted thiazolinium dye intermediates. T. R. Thompson and S. P. Popeck. 2,561,245, July 17.
2-methyl-1,3-pentanediol, Producing. A. F. MacLean and A. L. Stautzenberger. 2,572,941, Oct. 30.
2-methyl-2-carboxy-7-methoxy-hydrophenanthrene-(1)-alkanals. K. Miescher and J. Heer. 2,542,936, Feb. 20.
2-methylene-1,3-propylene dichloride homopolymer. G. E. Hulse. 2,571,883, Oct. 16.
Two-motion selective switch. W. R. Rose. 2,543,671, Feb. 27.
2-[N-(b-dimethylaminomethyl)-N-(4-methoxybenzyl)-amino]-thiazole and making same. C. W. Sondern and P. J. Breivogel. 2,545,498, Mar. 20.
2-n-butoxyethyl ester of β,β-dimethylacrylic acid. B. Joos. 2,554,947, May 29.
2-napthyl J-acid and its preparation. V. Tulagin and W. A. Schmidt. 2,573,513, Oct. 30.
2-nitrodiphenylamine-4-sulfonmorpholides. V. S. Salvin and J. R. Adams, Jr. 2,569,694, Oct. 2.
Two-part connector and cam means for forcing the two parts into engagement. W. J. Bauroth. 2,577,871, Dec. 11.
Two-part display and transfer reel. E. P. Hoyle. 2,545,145, Mar. 13.
Two-part strain relief clamp. J. Schmier. 2,553,681, May 22.
Two-part strap cutting tool. M. Besner. 2,536,023, Jan. 2.
Two-piece electrical connector. W. J. Coyle. 2,549,577, Apr. 17.
Two-piece hose coupling. E. C. Hartley and J. N. Wolfram. 2,540,113, Feb. 6.
Two-piece trim panel fastener. A. E. Krach. 2,540,396, Feb. 6.
Two-port cooler. W. R. Ramsaur and R. W. Jensen. 2,560,245, July 10.
Two-speed drive. R. R. Raney and B. E. Brown. 2,562,-576, July 31.
Two-speed driving tool. H. A. Pitzer, Jr. 2,555,995, June 5.
Two-speed friction drive transmission for phonograph turntables. H. L. Hartman. 2,563,649, Aug. 7.
Two-speed hydraulic jack. E. P. Grime. 2,539,739, Jan. 30.
Two-stroke engine. P. Draminsky. 2,542,756, Feb. 20.
Two-stroke internal-combustion engine. J. Schneeberger. 2,572,768, Oct. 23.
Two-stroke internal-combustion engine. J. E. Sersté, J. S. Teplow, P. and P. Sersté. 2,554,645, May 29.
2-sulfanilamido-5-bromothiazoles. L. P. Kyrides and F. B. Zienty. 2,537,592, Jan. 9.
Two-temperature cabinet. L. W. Atchison. 2,558,602, June 26.
2-tertiaryamino-6-(dialkylaminoalkoxy)-benzothiazoles and their manufacture. N. Steiger and O. Keller. 2,578,757, Dec. 18.
2-thenoylacetonitriles, Preparation of. W. S. Emerson and T. M. Patrick, Jr. 2,540,982, Feb. 6.
2-thenyl alcohols, Preparing. W. S. Emerson and T. M. Patrick, Jr. 2,572,708, Oct. 23.
2-thiophenealdehydes and N-methyl 2-thenylamines, Preparation of. H. D. Hartough. 2,543,318, Feb. 27.
2,3-dihydro-2-methyl-benzofurans, Substituted. G. H. Coleman and R. H. Rigterink. 2,548,704, Apr. 10.
2:3-dihydrofurans, Production of. M. L. Fluchaire and G. Collardeau. 2,556,325, June 12.
2,3-dimethylalkanes, Production of. C. B. Linn. 2,570,574, Oct. 9.
2,3-dimethylbutane, Preparation of. R. M. Kennedy and A. Schneider. 2,557,114, June 19.
2-(3:4-dihydroxyphenyl)morpholine and its preparation. O. Thomä. 2,566,097, Aug. 28.
2,2'-alkylene bis-4,6-dialkyl phenols as rubber stabilizers. A. R. Davis and F. A. V. Sullivan. 2,538,355, Jan. 16.
2,2-bis-(para-allyloxyphenyl) propane miticidal compositions. A. G. Jelinek. 2,560,350, July 10.
2-(2-cycloalkenyl) cycloalkanols, Preparation of. E. L. Pelton. 2,576,078, Nov. 20.
2,2-dicyano-propanediol-1,3. H. Gilbert. 2,541,350, Feb. 13.
2,2'-dimethyl-4,4'-bithiazole and preparing the same. L. C. Hensley. 2,553,502, May 15.
2,2-diphenyl-3-methyl-4-dimethylamino butyronitrile, Preparing. M. Sletzinger and M. Tishler. 2,574,505, Nov. 13.
2-2-diphenyl-3-methyl-4-methylformamido-butyronitrile. M. Sletzinger and M. Tishler. 2,574,506, Nov. 13.
2,2'-dithienyl disulfide, Preparation of. E. Koft, Jr. 2,571,370–1, Oct. 16.
2,2,4,4-tetracyano-pentanediol-1,5. H. Gilbert. 2,541,351, Feb. 13.
2,2',4,4'-tetrahydroxybiphenyl coupling component for diazotype layers. G. W. Pedlow, Jr., and F. W. Neumann. 2,542,566, Feb. 20.
2,2,4-trimethylpentane, Preparation of. R. M. Kennedy and A. Schneider. 2,557,115–6, June 19.
2,2-methylenebis(4-chloro-6-acetamidophenol) and its production. H. E. Faith. 2,560,939, July 17.
2,2'-methylenebis (4-chlorophenoxyacetic acid) and its production. H. E. Faith. 2,565,171, Aug. 21.
2,2,3-substituted butanes. J. C. Westfahl and D. S. Sears. 2,548,185, Apr. 10.
2-vinylthiophene from thiophene by chloroethylation and dehydrohalogenation. W. S. Emerson and T. M. Patrick, Jr. 2,547,905, Apr. 3.
Two-way drive. R. M. Nardone. 2,562,568, July 31.
Two-way telephone trunk circuit. H. E. Grimes. 2,546,067, Mar. 20.
Two-way valve. J. H. Marcum. 2,552,336, May 8.
Two-wire test clip. A. C. Benner and W. L. Guest. 2,569,972, Oct. 2.
Tympan. W. Page. 2,544,279, Mar. 6.
Type action for typewriting machines. J. C. Veltman and W. O. Michelsen. 2,555,521, June 5.
Type lasting machine, Continuous. J. S. Kamborian. 2,571,140, Oct. 16.
Type lever arrangement for stenographic machines. G. W. Nunn. 2,545,375, Mar. 13.
Typesetting means in laundry marking machines. J. F. Anderson. 2,573,756, Nov. 6.
Typesetting means in record controlled printing machine. J. Last. 2,566,944, Sept. 4.
Typewheel-construction for printing telegraph receivers. R. D. Salmon. 2,547,046, Apr. 3.
Typewriter and card punch combination. C. R. Doty, H. J. Klotz, and T. D. Koranye. 2,569,805, Oct. 2.
Typewriter and computing machine with accumulators of the relay type, Combined. J. W. Bryce and J. N. Wheeler. 2,551,093, May 1.
Typewriter and like separably interfitted stem and molded cap keys. C. H. Bradt. 2,545,133, Mar. 13.
Typewriter attached manifold gripping device. B. U. Demorest. 2,545,071, Mar. 13.
Typewriter, Automatic justifying. R. D. Dodge. 2,555,734, June 5.
Typewriter base, Adjustable. R. E. Herrick. 2,541,418, Feb. 13.
Typewriter carriage position indicator. C. W. Norton. 2,547,088, Apr. 3.
Typewriter for typing music notes. A. D. Molin 2,542,632, Feb. 20.
Typewriter for writing continuously in opposite directions. G. Zint. 2,578,771, Dec. 18.
Typewriter platform for secretarial desks, Auxiliary. E. A. Purnell. 2,539,032, Jan. 23.
Typewriter punch. R. D. Dodge. 2,540,027, Jan. 27.
Typewriter ratchet wheel coupling. G. Prezioso. 2,554,754, May 29.
Typewriter ribbon attachment. P. J. and F. R. Schulz. 2,552,222, May 8.
Typewriter ribbon feed mechanism. W. F. Helmond. 2,554,028, May 22.
Typewriting and computing machine, Combined. H. L. Pitman. 2,558,458, June 26.
Typewriting machine attachment. B. Edwards. 2,561,615, July 24.
Typewriting machine, Multiple copy. H. D. Atwood. 2,557,067, June 19.
Typewriting machine with a second ribbon and guiding the same. P. Hegnauer. 2,539,622, Jan. 30.
Typing machine, Stencil. J. L. Petz. 2,566,959, Sept. 4.
Typographic mold. G. H. Stryker. 2,557,705, June 19.
Typographical distributing machine. F. C. Frolander. 2,538,902, Jan. 23.
Typographical slug casting machine. R. H. Scott and A. S. Hayward. 2,568,467, Sept. 18.
Typographical slug casting machine. R. H. Turner. 2,542,599, Feb. 20.
U-bolt connector. H. E. Hoadley. 2,566,725, Sept. 4.
Ulcer therapy composition. G. J. Martin and J. N. Moss. 2,550,489, Apr. 24.
Ultrahigh-frequency circuit arrangement comprising a discharge tube. A. van Weel. 2,573,517, Oct. 30.
Ultra high frequency coupling device for wave guides. M. D. Fiske. 2,567,701, Sept. 11.
Ultra-high frequency discharge tube. E. Levinthal. 2,562,927, Aug. 7.

Ultrahigh-frequency electron discharge apparatus. E. Feenberg. 2,579,480, Dec. 25.
Ultrahigh-frequency electron tube. W. W. Eitel, J. A. McCullough, and H. E. Sorg. 2,573,190, Oct. 30.
Ultra high frequency field responsive apparatus. R. B. Nelson. 2,571,156, Oct. 16.
Ultra high frequency generator. H. Diamond. 2,568,325, Sept. 18.
Ultrahigh-frequency system employing neutralizing probes. C. E. Haller and W. R. Keye. 2,579,820, Dec. 25.
Ultra high frequency thermionic tube. R. R. Law. 2,556,813, June 12.
Ultrahigh-frequency tuning apparatus. E. Karplus. 2,578,429, Dec. 11.
Ultramarine and making same. C. A. Kumins. 2,544,693, Mar. 13.
Ultrasonic distance-measuring system. F. H. Slaymaker. 2,574,596, Nov. 13.
Ultraviolet irradiation. W. T. Anderson, Jr. 2,569,793, Oct. 2.
Ultraviolet transmitting glass. J. E. Duncan. 2,561,325, July 24.
Umbrella. C. L Atwater 2,538,550, Jan 16.
Umbrella. G. C. Jamison and H. A. Wagg. 2,546,099, Mar. 20.
Umbrella. F. Martini. 2,546,228, Mar. 27.
Umbrella. J. H. Mueller. 2,554,204, May 22.
Umbrella. J. H. Mueller, C. A. Mueller, Sr., A. C. Mueller, and C. A. Mueller, Jr. 2,563,353, Aug. 7.
Umbrella and the like, Emergency. S. Ruskin and R. Dermack. 2,552,461, May 8.
Umbrella carrier. E. A. Rosenberger. 2,541,614, Feb. 13.
Umbrella, Collapsible. E. G. Von Gunten. 2,571,634, Oct. 16.
Umbrella, Collapsible windshield. G. S. Carpenter. 2,549,662, Apr. 17.
Umbrella construction. E. Diamond. 2,571,122, Oct. 16.
Umbrella cover. S. M. Crewdson. 2,545,022, Mar. 13.
Umbrella cover. J. Sherman. 2,551,297, May 1.
Umbrella for use on boats. J. M. Garrett. 2,559,421, July 3.
Umbrella frame structure, Economical. V. L. Woodward. 2,561,435, July 24.
Umbrella, Garden and beach. V. A. R. Primavera. 2,568,362, Sept. 18.
Umbrella latch device. H. Hacken and L. J. Lewis. 2,567,284, Sept. 11.
Umbrella, parasol and the like. S. D. Cathcart. 2,543,360, Feb. 27.
Umbrella, parasol, and the like. S. D. Cathcart. 2,553,440, May 15.
Umbrella, parasol, or the like. S. M. Frost. 2,543,359, Feb. 27.
Umbrella rib. J. Buono. 2,560,789, July 17.
Umbrella rib tip. M. A. Mergentheim, Jr. 2,551,277, May 1.
Umbrella steamer. J. Levin. 2,539,445, Jan. 30.
Umbrella structure. L. D. Myers. 2,551,963, May 8.
Umbrella tip and tip holder. H. Bloomberg. 2,542,620, Feb. 20.
Unattended repeater testing by causing the repeaters to oscillate. O. B. Jacobs. 2,564,010, Aug. 14.
Undercarriage, Cross wind airplane. J. H. Geisse. 2,557,275, June 19.
Undercarriage for airplanes, Cross wind. J. H. Geisse. 2,557,274, June 19.
Undercutter. G. W. Newcomb. 2,541,537, Feb. 13.
Under-cutting tool. F. Schermerhorn. 2,537,709, Jan. 9.
Underdrive punch press. F. K. Maussnest. 2,544,540, Mar. 6.
Underframe and adjoining side wall structure of railway cars and similar vehicles. A. G. Dean. 2,565,678, Aug. 28.
Undergarment. E. Berdach. 2,549,361, Apr. 17.
Undergarment. M. F. J. Palen. 2,558,099, June 26.
Undergarment. M. H. Senderowitz. 2,570,497–8. Oct. 9.
Undergarment, Child's. D. M. Gray. 2,564,304, Aug. 14.
Undergarment for feminine wear. M. H. Burr. 2,561,783, July 24.
Undergarment for ladies. N. Young. 2,550,396, Apr. 24.
Undergarment for men, Nether. W. W. Artzt. 2,575,701, Nov. 20.
Undergarment, Form-fitting. P. J. Morano. 2,544,432, Mar. 6.
Undergarment, Lady's. M. C. Morin. 2,545,743, Mar. 20.
Undergarment, Lady's. N. Young. 2,550,395, Apr. 24.
Undergarment, Man's. P. Friedman. 2,549,374, Apr. 17.
Underground storage tank. E. S. Pomykala. 2,558,580, June 26.
Underreamer. R. C. Baker. 2,548,931, Apr. 17.
Underslung tire carrying frame. L. and W. Ek, and W. Grubb. 2,578,466, Dec. 11.
Undervoltage trip and lockout. C. J. Yarrick. 2,566,866, Sept. 4.
Underwater prospecting device. E. W. Frowe. 2,568,680, Sept. 18.
Underwater seismic prospecting, Method and apparatus for. W. E. Pugh. 2,564,128, Aug. 14.
Unibolt coupling. G. W. Sinclair. 2,565,744, Aug. 28.
Unidirectional flow in plurality chamber induction furnace. M. Tama. 2,541,841, Feb. 13.
Unidirectional restraining device for a fastening cord A. E. E. Paterson. 2,573,806, Nov. 6.
Unidirectional strand processing machine. L. Illmer. 2,570,953, Oct. 9.
Uniform cap. H. Lev. 2,536,134–5, Jan. 2.
Uniform cap. H. Lev. 2,555,348, June 5.
Uniform cap. H. Lev. 2,575,114, Nov. 13.
Uniform cap. H. Lev. 2,579,196, Dec. 18.
Uniform intensity illumination for viewing boxes. W. W. Hoffmann. 2,567,561, Sept. 11.
Uniform tension apparatus for bale chamber discharge openings. R. R. Raney. 2,551,464, May 1.
Uniformity meter. E. J. Bernet and E. C. Hutter. 2,576,772, Nov. 27.
Uniformly substituted glucopyranose polymers and their preparation. K. M. Gaver, E. P. Lasure, and D. V. Tieszen. 2,572,923, Oct. 30.
Unit: *See*—
Brush and scraper unit.
Unit and method of ice producing and harvesting. G. L. Pownall. 2,536,217, Jan. 2.
Unit for air compressors, Absorption. R. H. Hill. 2,557,431, June 19.
Unitary container for hypodermic injection ingredients. G. H. Seemer. 2,568,029, Sept. 18.
Unitary control for washing machine agitators and pumps. S. I. Gabrielson. 2,554,183, May 22.
Unitary load transfer device. A. D. McGregor and J. L. Gropp. 2,543,295, Feb. 27.
Unitary reinforced folding box. R. B. Worfford. 2,565,288, Aug. 21.
Unitary starting and dynamic braking system for internal-combustion engines. S. W. Newell. 2,579,155, Dec. 18.
Unitary Venetian blind bracket construction. H. H. Haynam. 2,560,765, July 17.
Uniting clad rods end-to-end and rendering joints uniform with the remainder of rods. J. G. Ayers. 2,556,160, June 12.
Universal automobile cover. C. F. Elliott. 2,570,533, Oct. 9.
Universal combination fuel and vacuum pump. M. Katcher. 2,570,560, Oct. 9.
Universal connection unit. G. W. Wright and W. A. Smethers. 2,554,514, May 29.
Universal coupling. F. C. Biggert, Jr. 2,577,508, Dec. 4.
Universal coupling. W. W. Slaght. 2,577,692, Dec. 4.
Universal device for shutting off sprinkler nozzles. J. D. Tessier. 2,538,485, Jan. 16.
Universal fluid drive and control unit. M. J. Dikeman. Re. 23,342, Feb. 20.
Universal formed metal door frame. J. F. Peelle. 2,574,350, Nov. 6.
Universal joint. J. W. Blinkman. 2,545,646, Mar. 20.
Universal joint. A. Boge, Sr., and A. Boge, Jr. 2,559,108, July 3.
Universal joint. F. M. Guy. 2,565,606, Aug. 28.
Universal joint. W. E. Urschel. 2,553,020, May 15.
Universal joint. E. Wildhaber. 2,538,546, Jan. 16.
Universal joint with wide angle of oscillation. W. A. Flumerfelt. 2,576,830, Nov. 27.
Universal mounting antenna clamp. M. J. Blaugrund. 2,575,254, Nov. 13.
Universal panel mastering fixture. L. A. Bryant. 2,577,509, Dec. 4.
Universal toggle means. A. H. Russell. 2,555,660, June 5.
Universal torch machine. A. R. Hutt. 2,571,248, Oct. 16.
Unloader valve. C. M. O'Leary. 2,542,259, Feb. 20.
Unloader valve. H. E. Rose. 2,579,051, Dec. 18.
Unloading apparatus, Tank car. C. A. Lewis. 2,552,986, May 15.
Unloading device. L. F. McDonald and C. J. Grace. 2,536,882–3, Jan. 2.
Unloading mechanism for cooky coating conveyors. N. J. Watson. 2,569,839, Oct. 2.
Unloading structure for garment cylinders. O. E. Kling. 2,573,103, Oct. 30.
Unloading system for volatile liquids. E. D. Mattix and C. W. Stokes. 2,579,200, Dec. 18.
Unloading valve. E. G. Staude. 2,539,977, Jan. 30.
Unloading valve. R. Stevenson. 2,545,712 Mar. 20.
Unreeling and feeder device for sheet wood clippers. J. X. Ambeault. 2,572,581, Oct. 23.
Unsaturated acids, Production of. F. C. Visor. 2,577,829, Dec. 11.
Unsaturated amine-sulfur reaction products as lubricant additives and lubricating oils containing same. J. D. Bartleson and E. C. Hughes. 2,542,982, Feb. 27.
Unsaturated dioxolane compounds, products prepared therefrom, and preparation. W. M. Thomas and E. L. Kropa. 2,578,861, Dec. 18.
Unsaturated ether aldehydes and acetals thereof. R. R. Whetstone, C. W. Smith, and D. G. Norton. 2,561,254, July 17.
Unsaturated halogen-containing nitro compounds and their production. E. C. Kooijman and J. Overhoff. Re. 23,399, Aug. 14.
Unsaturated monohydric phenolic ether-modified rosin esters and making same. J. B. Rust and W. B. Canfield. 2,563,872, Aug. 14.
Unsaturated polyhydric phenolic ether-modified rosin esters and making same. J. B. Rust and W. B. Canfield. 2,563,871, Aug. 14.
Unsaturated tertiary amine-P_2S_5 reaction products and lubricating oils containing same. J. D. Bartleson and E. C. Hughes. 2,542,981, Feb. 27.

Unsubstituted ethylene polymer coating compositions. S. Hochberg. 2,567,108, Sept. 4.
Unwoven fabric. H. Wurzburger. 2,537,323, Jan. 9.
Unwoven flexible fabric. E. R. Goldman. 2,545,952, Mar. 20.
Upgrading Diesel fuel. H. V. Atwell. 2,562,980, Aug. 7.
Upgrading olefinic stocks. E. A. Naragon. 2,562,989, Aug. 7.
Upholstering machine. A. Shifrin. 2,554,961, May 29.
Upholstery and manufacture, Air-filled. H. G. Morner. 2,575,764, Nov. 20.
Upholstery construction, Hassock. M. B. Smith. 2,552,693, May 15.
Upholstery covering attaching means. W. A. Clark and V. Asaro. 2,567,550, Sept. 11.
Upholstery retainer strip. M. C. Weaver and F. D. Leonard. 2,546,050, Mar. 20.
Upper cylinder lubricator. C. B. Pierce. 2,539,924, Jan. 30.
Upper half of a saddle mount. R. S. Cox. 2,541,209, Feb. 13.
Upper shaping machine. L. G. Miller. 2,577,907, Dec. 11.
Upper tension device for sewing machines. M. G. Ivandick. 2,560,577, July 17.
Upper trimming machine. J. W. Pratt. 2,558,876, July 3.
Uranium bromide, Preparation of. J. E. Powell. 2,562 122, July 24.
Uranium-cobalt alloy. A. H. Daane and W. K. Noyce. 2,574,626–7, Nov. 13.
Uranium hexachloride, Producing. F. A. Jenkins. 2,572,156, Oct. 23.
Uranium hydride, Preparation of. J. C. Warf. 2,536,616, Jan. 2.
Uranium nitride, Preparation of. A. S. Newton and O. Johnson. 2,544,277, Mar. 6.
Uranium peroxide, Production of. P. Mohr. 2,551,543, May 1.
Uranium tetrachloride, Manufacture of. M. D. Kamen. 2,574,268, Nov. 6.
Urea-aldehyde reaction products and preparing same. T. Suen. 2,554,424, May 22.
Urea-aldehyde sealing agents and making the same. S. S. Kurtz, Jr. and J. S. Sweely. 2,562,867, July 31.
Urea ascorbate and complexes containing the same and their manufacture. S. L. Ruskin. 2,539,483, Jan. 30.
Urea-formaldehyde compositions, Preparing thermosetting. C. H. Parker, Jr. 2,544,351, Mar. 6.
Urea-formaldehyde hardened foam, Production of. L. S. Meyer. 2,559,891, July 10.
Urea-formaldehyde-sulphoxylate resin for high wet-strength paper. A. Brookes and F. L. Hudson. 2,556,898, June 12.
Ureides, Preparation of. D. E. Adelson. 2,576,895, Nov. 27.
Ureido derivatives, Production of. H. Jones and J. K. Aiken. 2,543,291, Feb. 27.
Urethanes of aromatic J acids. V. Tulagin. 2,542,596, Feb. 20.
Urethanes of 2-naphthyl J acid and their brominated derivatives. V. Tulagin and W. A. Schmidt. 2,542,597, Feb. 20.
Urinal having a flushing channel therein for disposal of paper. F. J. M. Knitel. 2,566,770, Sept. 4.
Urinal specimen bag. P. L. Fowler, Jr. 2,548,149, Apr. 10.
Use of a blend of tertiary alkyl mercaptans in emulsion polymerization. W. W. Crouch and E. G. Marhofer. 2,549,962, Apr. 24.
Use of a mono-ether of ethylene glycol to activate emulsion polymerization in the presence of a heavy mercaptan. W. A. Schulze and W. W. Crouch. 2,555,665, June 5.
Use of alkali metal ferrate as a decolorizing agent for caustic solutions. J. M. Schreyer. 2,536,703, Jan. 2.
Use of blends of tertiary alkyl mercaptans in emulsion polymerization. W. W. Crouch and E. G. Marhofer. 2,549,961, Apr. 24.
Use of naphtha reflux. S. E. Freeman. 2,573,898, Nov. 6.
Use of pentavalent antimony compounds for stabilizing vinyl chloride resins. J. K. Fincke. 2,556,420, June 12.
Use of recycle aqueous acrylonitrile condensate in butadiene-1,3 emulsion polymerization. E. O. Ohsol and A. D. Green. 2,556,851, June 12.
Use of sulfur in the suppression of carburizing in gas turbine and jet propulsion engines. P. S. Viles. 2,557,020, June 12.
Using dilatable sealing elements. G. R. Lucas and R. C. Bryan. 2,565,316, Aug. 21.
Utah coal resin modified alkyd resins. E. D. Lee and R. J. Schefbauer, Jr. 2,568,591, Sept. 18.
Utensil, Cooking. E. R. Barrett. 2,568,049, Sept. 18.
Utensil, Cooking. J. O. Kavanagh. 2,554,412, May 22.
Utensil, Cooking. B. W. Mach. 2,544,846, Mar. 13.
Utensil, Cooking. R. O'Reilly. 2,563,691, Aug. 7.
Utensil, Cooking. A. Palensky. 2,557,613, June 19.
Utensil for coring frankfurters, Kitchen. H. Koch. 2,548,165, Apr. 10.
Utensil handle. O. E. Nelson. 2,552,806, May 15.
Utensil having an oval bowl, Scraping. G. Ternullo. 2,541,559, Feb. 13.
Utensil, Kitchen. H. G. Woodburn. 2,574,679, Nov. 13.
Utensil, Table service. I. J. Vaccarezza. 2,542,600, Feb. 20.
Utensils, String bean preparing. L. C. Sheppard. 2,536,230, Jan. 2.
Utility board and retaining frame for automobiles. H. Weiss. 2,568,102, Sept. 18.
Utility device for cooking receptacles. E. M. Clarke, 2,549,170, Apr. 17.
Utility frame. E. B. and H. Chanslor. 2,569,555, Oct. 2.
Utility wall cabinet. D. Honig. 2,537,669, Jan. 9.
Utility window bracket. M. L. Perrin. 2,568,968, Sept. 25.
Utilization of aluminous metal electrodes in cathodic protection installations. R. B. Hoxeng. 2,541,062, Feb. 13.
Utilizing aqueous-organic chemical wastes from the Fischer-Tropsch process. R. G. Dressler and J. R. Bircher. 2,574,469, Nov. 13.
Utilizing solar energy, Method and system for. L. T. Wilson. 2,575,478, Nov. 20.
V-belt. H. R. Moon. 2,554,917, May 29.
V-belt speed changer. W. W. Allen. 2,550,952, May 1.
V-gear transmission. H. O. Schjolin. 2,569,341, Sept. 25.
V-shaped expansible harrow. C. R. Brock. 2,559,002, July 3.
V-type ditcher. A. R. Coviello. 2,579,651, Dec. 25.
Vaccinator, Poultry. M. G. Lipman. 2,565,865, Aug. 28.
Vacuum apparatus for filling capsule-like receptacles with fluid. E. P. De Craene. 2,569,410, Sept. 25.
Vacuum bottle tubulating and piercing, Process and machine for. C. Eisler. 2,553,135, May 15.
Vacuum cap remover, Pry type. J. J. McGuinness. 2,546,037, Mar. 20.
Vacuum cleaner. E. Anderson. 2,564,468, Aug. 14.
Vacuum cleaner. A. H. Beede and L. P. Borkoski. 2,569,222, Sept. 25.
Vacuum cleaner. G. H. Cranmer. 2,564,467, Aug. 14.
Vacuum cleaner. G. E. Lofgren. 2,564,469, Aug. 14.
Vacuum cleaner. L. F. Nerheim. 2,564,339, Aug. 14.
Vacuum cleaner. C. H. Sparklin. 2,541,122, Feb. 13.
Vacuum cleaner. C. H. Sparklin. 2,564,734, Aug. 21.
Vacuum cleaner. J. Winthrop. 2,562,996, Aug. 7.
Vacuum cleaner and tool casing, Combined. C. K. Brown, Jr. 2,573,091, Oct. 30.
Vacuum cleaner attachment. C. E. Meyerhoefer. 2,555,199, May 29.
Vacuum cleaner cartridge. W. H. Schnabel. 2,539,867, Jan. 30.
Vacuum cleaner casing construction. L. H. Snyder. 2,540,763, Feb. 6.
Vacuum cleaner dust bag. A. H. Beede. 2,547,805, Apr. 3.
Vacuum cleaner for cattle. W. Limberg. 2,539,257, Jan. 23.
Vacuum cleaner for motor vehicles. H. H. Miller. 2,559,983, July 10.
Vacuum cleaner housing unit. G. E. Weir. 2,544,405, Mar. 6.
Vacuum cleaner retracting reel. O. W. Timm. 2,555,560, June 5.
Vacuum cleaner with illuminating device. W. O. Langille. 2,575,554, Nov. 20.
Vacuum cleaner with selective nozzles and brushes. J. A. C. Malchus. 2,558,864, July 3.
Vacuum distillation. T. I. Taylor. 2,562,153, July 24.
Vacuum distillation apparatus. K. C. D. Hickman. 2,538,967, Jan. 23.
Vacuum distillation apparatus. K. C. D. Hickman. 2,578,999, Dec. 18.
Vacuum distillation of reduced crude. R. B. Smith. 2,570,607, Oct. 9.
Vacuum exhaust. J. H. Wilson. 2,575,698, Nov. 20.
Vacuum film holder. I. S. Lovegrove. 2,572,640. Oct. 23.
Vacuum filter. M. Roman. 2,564,174, Aug. 14.
Vacuum gauge. E. W. Flosdorf. 2,542,076, Feb. 20.
Vacuum gauge. E. C. Hass. 2,570,943, Oct. 9.
Vacuum gauge. G. A. Kuipers. 2,552,895, May 15.
Vacuum header for combine harvesters. F. A. Pearne. 2,579,957, Dec. 25.
Vacuum hold-down for machines operating on flat stock. H. A. Smyth. 2,549,254, Apr. 17.
Vacuum holding device for garment steaming apparatus. J. C. Shaw. 2,562,956, Aug. 7.
Vacuum hydraulic suspension system. O. R. Stephenson. 2,551,347, May 1.
Vacuum impregnation process. H. M. Kroft. 2,554,254, May 22.
Vacuum insect eradicating device for showcases. C. O. Knox. 2,569,722, Oct. 2.
Vacuum mandrel. E. A. Link. 2,575,631, Nov. 20.
Vacuum pumping method with mechanical oil sealed pumps. F. A. Knox. 2,551,541, May 1.
Vacuum relay. J. F. Frese. 2,563,831, Aug. 14.
Vacuum seal finish and closure for jars. W. Gallagher. 2,551,937, May 8.
Vacuum seal for fluorine generation system. D. O. Hubbard. 2,579,234, Dec. 18.
Vacuum still. K. C. D. Hickman. 2,554,703, May 29.
Vacuum tube assembly apparatus. A. D. Giacchetti. 2,564,839, Aug. 21.
Vacuum tube oscillator device, Ultra high frequency. W. H. Freeman. 2,568,727, Sept. 25.

Vacuumtight seal for electrical apparatus and forming such seals. H. J. Lemmens and E. G. Dorgelo. 2,561,520, July 24.
Vacuumizer for filling machines. E. E. Martin. 2,536,300, Jan. 2.
Vacuumizing and closing machine with rotary bell turret, vertically movable, can supporting, bell closing pads, and pad movement rate control means. A. L. Kronquest. 2,570,956, Oct. 9.
Vacuumizing and sealing apparatus. A. L. Kronquest and M. M. Sedwick. 2,579,935, Dec. 25.
Vacuums, Production of. I. Feuer. 2,574,820, Nov. 13.
Vaginal applicator. J. L. Jones. 2,546,754, Mar. 27.
Vaginal speculum. J. F. Bicek. 2,575,253, Nov. 13.
Vaginal speculum. T. C. Gilbert. 2,545,201, Mar. 13.
Vaginal speculum. J. L. Marco. 2,544,932, Mar. 13.
Valance, Adjustable window. H. F. Lavorgna and C. L. Gately. 2,536,947, Jan. 2.
Valance assembly support. J. R. and E. R. Metz. 2,563,734, Aug. 7.
Valance unit, Ornamental. V. H. Goodman. 2,572,720, Oct. 23.
Valise requiring only partial fold in suspended garment. W. A. Ruge. 2,561,888, July 24.
Value indexing mechanism. C. P. Karr. 2,570,456, Oct. 9.
Value indexing mechanism. G. V. Nolde. 2,567,120, Sept. 4.
Value indication for article dispensing systems. T. S. Skillman and A. D. Lackey. 2,567,241, Sept. 11.
Valve: *See*—
Adjustable ball cock valve.
Adjustable magnetic pressure valve.
Air blow gun valve.
Air-brake automatic bleeder valve.
Aircraft cooling valve.
Air or gas relief valve.
Air pilot valve.
Air speed control valve.
Air valve.
Automatic back water valve.
Automatic change-over valve.
Automatic deluge valve.
Automatic electromagnetic drain valve.
Automatic filter valve.
Automatic hydraulically operated control valve.
Automatic lubricated plug valve.
Automatic pressure, temperature, and vacuum relief valve.
Automatic relief valve.
Automatic sealing gate valve.
Automatic shutoff valve.
Automatic time valve.
Automatic type fusing valve.
Automatic valve.
Automatic water valve.
Automobile engine carburetor choke valve.
Automatic drifting valve.
Automobile tire valve.
Axially adjustable rotary valve.
Back-pressure relief valve.
Back pressure safety valve.
Bag valve.
Balanced plug valve.
Balanced valve.
Beverage dispensing valve.
Brake cylinder protection valve.
Caged float flush control valve.
Carbonated beverage dispensing valve.
Catalyst control slide valve.
Check valve.
Combination main and pilot valve.
Combination pressure relief and safety head valve.
Combined fluid-pressure and manually operated valve.
Compensator valve.
Compressor unloading valve.
Compression valve.
Control valve.
Cylindrical valve.
Diaphragm control valve.
Diaphragm valve.
Differential pressure closed safety valve.
Dispensing valve.
Distributing valve.
Double mixing valve.
Draft tube valve.
Drain control valve.
Drainpipe valve.
Dual tire valve.
Duplex thermostatic valve.
Electric discharge valve.
Electrically modulated valve.
Electrically operated flush valve.
Electromagnetic valve.
Electromagnetically operated valve.
Expansion valve.
Filling valve.
Flexible valve.
Float controlled humidifier valve.
Float-in or check valve.
Float valve.
Flow control valve.
Flow-regulating valve.
Flow responsive valve.
Flow valve.
Fluid compressor valve.
Fluid control valve.
Fluid flow control valve.
Fluid operated valve.
Fluid pressure control valve.
Fluid pressure valve.
Fluid pump pressure limiting valve.
Fluid throttling valve.
Fluid valve.
Flush tank control valve.
Flush valve.
Follow-up valve.
Foot valve.
Four-way valve.
Fuel distributing valve.
Fuel tank vent valve.
Gas actuated inlet valve.
Gas timing and metering valve.
Gate valve.
Heater-control valve.
High-temperature gas valve.
Hoist safety valve.
Hot and cold water control valve.
Hot journal brake valve.
Hydraulic control valve.
Hydraulic safety valve.
Hydraulic selector valve.
Hydraulic surge-inhibitor valve.
Hydraulic valve.
Internal-combustion engine valve.
Irrigation control valve.
Lightweight solenoid valve.
Liquid filler valve.
Liquid valve.
Low-pressure and vacuum relief valve.
Lubricated plug valve.
Lubricated valve.
Magnet cutoff valve.
Magnetic pilot valve.
Magnetic valve.
Measuring valve.
Mechanically operated check valve.
Metering valve.
Mining machine control valve.
Mixing and diverter valve.
Mixing valve.
Modulating valve.
Multiple control valve.
Multiple liquid dispensing valve.
Multiple variable orifice valve.
Nondrip fluid-pressure-opened discharge nozzle valve.
Nozzle valve.
Oil temperature control valve.
Oil well pump valve.
Organ valve.
Outboard motor underwater exhaust valve.
Pilot controlled distributing valve.
Pilot-operated relief valve.
Pilot operated valve.
Pilot valve.
Piston valve.
Planter valve.
Plug valve.
Pneumatic train control valve.
Plumbing valve.
Pump valve.
Prefill valve.
Pressure and temperature relief valve.
Pressure delay valve.
Pressure reducing valve.
Pressure relief valve.
Pressure responsive valve.
Proportional pressure distributor valve.
Pump discharge valve.
Pump valve.
Quick opening valve.
Quick-operating pressure relief valve.
Quick release valve.
Radiator ball air relief valve.
Reciprocable check valve.
Reciprocating piston-type valve.
Refrigerant expansion valve.
Refrigeration expansion valve.
Relief and control valve.
Relief valve.
Remotely controlled reversing valve.
Reset valve.
Restricted butterfly valve.
Reversing valve.
Rotary fluid valve.
Rotary mixing valve.
Rotary plug valve.
Rotary valve.
Safety control valve.
Safety flush valve.
Safety gas valve.
Safety valve.
Selector valve.
Self-closing dispensing valve.
Self-closing nonreleasing fluid-actuated valve.
Self-closing valve.
Separator valve.
Servo pressure regulator valve.
Shift-over valve.
Shunt valve.
Shutoff valve.
Shuttle valve.
Sleeve type relief valve.
Slide valve.
Solenoid-operated valve.
Solenoid valve.
Sprinkler valve.
Stabilized pressure-operated valve.
Stop valve.
Temperature control valve.
Temperature controlled mixing valve.
Temperature controlling valve.
Temperature regulating and control valve.
Thermic valve.
Thermostatic expansion valve.
Thermostatic fluid mixing valve.
Thermostatic regulator valve.
Thermostatic valve.
Thermostatically controlled mixing valve.
Thermostatically controlled radiator valve.
Thermostatically controlled pressure regulating valve.
Thermostatically controlled valve.
Thimble guide valve.
Three-way motor operated valve.
Three-way solenoid valve.
Three-way valve.
Throttle valve.
Throttling reset valve.
Through flow type solenoid valve.
Time-controlled valve.
Tire valve.
Toilet flush valve.
Toilet flushing valve.
Two-way valve.
Unloader valve.
Unloading valve.
Vent valve.
Vulnerability valve.
Water softener valve.
Wedge power mixing valve.
Window operator valve.
Wine bung screw valve.
Valve. G. Alessandro. 2,540,229, Feb. 6.
Valve. H. C. Anderson and E. L. Sommerfeldt. 2,557,586, June 19.
Valve. B. N. Ashton. 2,569,967, Oct. 2.
Valve. L. C. Bowling. 2,536,836, Jan. 2.
Valve. L. C. Bowling. 2,564,147, Aug. 14.
Valve. H. L. Beekley. 2,557,718, June 19.
Valve. A. W. Braithwaite. 2,547,254, Apr. 3.
Valve. M. Caserta. 2,548,097, Apr. 10.
Valve. E. E. Cline and F. Tratzik. 2,556,904, June 12.
Valve. B. G. Copping. 2,552,479, May 8.
Valve. W., G., and M. Crevatin 2,559,405, July 3.
Valve. C. A. Dopp and E. C. Petrie. 2,563,012, Aug. 7.
Valve. R. Fennema and F. J. Cantalupo. 2,569,412, Sept. 25.
Valve. R. E. Ferguson. 2,550,984, May 1.
Valve. M. R. Firth. 2,573,761, Nov. 6.
Valve. A. F. Friberg. 2,577,613, Dec. 4.
Valve. L. H. Gardner. 2,543,010, Feb. 27.
Valve. R. L. Gates. 2,571,356, Oct. 16.
Valve. J. C. Godshall. 2,536,275, Jan. 2.
Valve. G. A. Goepfrich. 2,543,455, Feb. 27.
Valve. R. Gouirand. 2,572,471, Oct. 23.
Valve. W. E. Gould. 2,547,116, Apr. 3.
Valve. H. C. Grant, Jr. Re. 23,370, May 29.
Valve. H. C. Grant, Jr. 2,537,051, Jan. 9.
Valve. R. J. Gray. 2,564,686, Aug. 21.
Valve. M. H. Grove. 2,556,689, June 12.
Valve. J. K. Heller. 2,552,785, May 15.

Valve. F. Hinrichs. 2,544,160, Mar. 6.
Valve. G. R. Hinz. 2,556,583, June 12.
Valve. R. W. James and W. B. Pond. 2,538,364, Jan. 16.
Valve. J. A. Jensen. 2,573,263, Oct. 30.
Valve. E. P. Jordan. 2,553,458, May 15.
Valve. V. G. Klein and L. C. Rotter. 2,569,766, Oct. 2.
Valve. G. C. Long. 2,564,223, Aug. 14.
Valve. J. E. Looney. 2,561,028, July 17.
Valve. K. MacDonald. 2,550,418, Apr. 24.
Valve. H. C. Meador and M. T. Works. 2,564,168, Aug. 14.
Valve. F. H. Mueller. 2,547,831, Apr. 3.
Valve. L. W. Mueller, W. J. Bowan, and W. E. Gould. 2,571,925, Oct. 16.
Valve. E. K. Nickerson. 2,573,648, Oct. 30.
Valve. E. Ojalvo. 2,563,484, Aug. 7.
Valve. J. J. Olsen. 2,575,464, Nov. 20.
Valve. N. J. Peters and K. W. Flentje. 2,559,046, July 3.
Valve. P. S. Pine. 2,543,376, Feb. 27.
Valve. I. Pöckel and D. P. Smith. 2,579,855, Dec. 25.
Valve. R. B. Pontius. 2,555,996, June 5.
Valve. V. H. Pruitt and L. A. Medlar. 2,579,962, Dec. 25.
Valve. C. N. Roswell. 2,552,117, May 8.
Valve. H. W. Sanford. 2,569,023, Sept. 25.
Valve. E. F. Sarver. 2,552,384, May 8.
Valve. L. Schobert. 2,566,071, Aug. 28.
Valve. L. G. Seng. 2,540,298, Feb. 6.
Valve. P. Spence. 2,554,158, May 22.
Valve. I. Thomas. 2,563,665, Aug. 7.
Valve. J. V. Westbrook. 2,545,834, Mar. 20.
Valve. S. B. Wiczer. 2,572,899, Oct. 30.
Valve. J. C. Williams. 2,577,391, Dec. 4.
Valve. W. G. Wilson. 2,574,080, Nov. 6.
Valve actuating mechanism. A. L. Kuhlman. 2,551,442, May 1.
Valve actuating mechanism. F. E. Sanborn. 2,545,632, Mar. 20.
Valve actuating mechanism for hydraulic motors. C. E. Deardorff and A. A. Meddock. 2,541,958, Feb. 13.
Valve actuating mechanism for multiple-row radial engines. G. D. Angle. 2,578,875, Dec. 18.
Valve actuating mechanism or the like. R. P. Setka. 2,567,035, Sept. 4.
Valve actuator. N. M. Foster. 2,561,618, July 24.
Valve adjusting tool. J. L. Hancock. 2,544,834, Mar. 13.
Valve and booster for lubricant nozzles, Control. J. J. Pacey. 2,579,754, Dec. 25.
Valve and control means therefor, Metering. W. S. Landon. 2,564,438, Aug. 14.
Valve and fitting. E. E. Martin. 2,545,000, Mar. 13.
Valve and hydraulic circuit therefor. B. Welte. 2,568,528, Sept. 18.
Valve and pump. R. B. Saalfrank. 2,569,734, Oct. 2.
Valve and seal therefor, Plug type. H. Allen and G. E. Nevill. 2,559,695, July 10.
Valve and sealing structure therefor. C. A. Brown. 2,578,396, Dec. 11.
Valve and signal for fluid filters, Relief. W. S. James. 2,563,786, Aug. 7.
Valve and storage tank containing same, Quick closing. T. A. St. Clair. 2,538,806, Jan. 23.
Valve and switch device, Combined. L. J. Bordelon. 2,540,420, Feb. 6.
Valve and switch mechanism, Combination. G. K. Newell. 2,540,753, Feb. 6.
Valve and turbine steels. G. Mohling and T. Y. Wilson. 2,537,477, Jan. 9.
Valve apparatus. A. Wexler. 2,565,156, Aug. 21.
Valve apparatus, High-voltage dry. U. Lamm and A. Arvidsson. 2,562,048 : July 24.
Valve arrangement for filling and emptying gas tanks. E. Hug and H. Giger. 2,553,919, May 22.
Valve arrangement, Pressure and relief. M. W. Meierhoff. 2,543,665, Feb. 27.
Valve arrester, Locomotive. A. Travis. 2,544,866, Mar. 13.
Valve arrester, Open type. R. D. Nelson. 2,539,749, Jan. 30.
Valve assembly. H. A. Duke. 2,536,921, Jan. 2.
Valve assembly. W. Maky. 2,558,260, June 26.
Valve assembly. C. J. McWhorter. 2,552,991, May 15.
Valve assembly. Z. M. Roehr. 2,550,863, May 1.
Valve assembly. T. R. Thoren and L. L. Aspelin. 2,558,161, June 26.
Valve assembly. T. Wheatley. 2,574,428, Nov. 6.
Valve assembly, Balanced slow-closing. A. J. Granberg. 2,557,378, June 19.
Valve assembly hand tool. H. E. Leu. 2,554,623, May 29.
Valve assembly, Injection. H. M. Dudek. 2,556,171, June 12.
Valve assembly, Poppet. G. R. Rich. 2,574,120, Nov. 6.
Valve assembly with spherical shaped valve element having a passage therethrough for collapsible tubes. H. H. Cherry. 2,558,671, June 26.
Valve bag. H. H. Orr. 2,565,622, Aug. 28.
Valve cap gauge. R. L. Mercer. 2,579,120, Dec. 18.
Valve closure for combustion chambers, Cup-shaped. J. Brodzinsky. 2,547,560, Apr. 3.
Valve construction. C. M. Breed. 2,578,920, Dec. 18.
Valve construction. C. A. Giauque. 2,576,592, Nov. 27.
Valve construction. F. W. Marsh. 2,566,576, Sept. 4.
Valve construction. O. C. Martin. 2,569,014, Sept. 25.
Valve construction. R. A. Thompson. 2,575,240, Nov. 13.
Valve construction, Jet engine. W. T. Knight. 2,566,730, Sept. 4.
Valve construction, Rotary. F. M. Aspin. 2,557,777, June 19.
Valve control for pressure fluid containers. E. E. Martin and R. Walsh. 2,550,840, May 1.
Valve control for water heaters, Thermostatic. P. E. Parkinson. 2,545,748, Mar. 20.
Valve control for well tools. R. C. Baker. 2,569,437, Oct. 2.
Valve control head. A. E. Reichard. 2,563,868, Aug. 14.
Valve control means. A. Manhartsberger. 2,538,787, Jan. 23.
Valve control means. F. A. Miller. 2,567,440, Sept. 11.
Valve control means for fluid pressure systems. W. H. Worthington. 2,579,134, Dec. 18.
Valve control mechanism. C. E. Kerr. 2,552,634, May 15.
Valve control mechanism. L. G. Lindsay and S. A. Gardner. 2,551,445, May 1.
Valve control of reheat turbine installation. H. R. Reese and F. A. Meyer. 2,540,691, Feb. 6.
Valve-controlled four-stroke cycle internal-combustion engine. A. Büchi. 2,571,535, Oct. 16.
Valve controlled silencer. R. C. Baird. 2,563,509, Aug. 7.
Valve controlling device, Thermostatic. J. E. Golob. 2,576,877, Nov. 27.
Valve controlling mechanism for electric circuit breakers, Automatic. J. W. Timmerman, Jr. 2,575,934, Nov. 20.
Valve device, Check. K. J. De Juhasz. 2,547,377, Apr. 3.
Valve device, Fuel. S. J. Budlane. 2,572,441, Oct. 23.
Valve device in centrifugal separator for separating sludge from liquids. A. J. J. Nielsen. 2,551,041, May 1.
Valve device, Pressure responsive. E. A. Rockwell. 2,546,678, Mar. 27.
Valve device, Telescopic. G. L. Rueg. 2,574,291, Nov. 6.
Valve facer, Industrial portable. N. Christensen. 2,567,320, Sept. 11.
Valve fitting, Container. G. A. Benson, J. Coyle, and W. F. Punte. 2,570,909, Oct. 9.
Valve flow control, Gasoline. J. B. Smith. 2,568,257, Sept. 18.
Valve for a circuit breaker pneumatic motor, Dump. E. C. Goodwin. 2,578,349, Dec. 11.
Valve for air bags. F. C. Greene. 2,566,766, Sept. 4.
Valve for air brake control. F. S. Swickard. 2,575,850, Nov. 20.
Valve for aircraft cooling systems, Self-operating. T. G. Hill and A. N. Curl. 2,556,277, June 12.
Valve for air tanks, Automatic drain. J. M. Parks. 2,548,236, Apr. 10.
Valve for applying air brakes, Automatic. R. J. Adams. 2,576,382, Nov. 27.
Valve for automatic washing machines. F. J. Cantalupe, E. P. De Craene, E. G. Schmidt, R. P. Setka, and C. W. Yant. 2,548,516, Apr. 10.
Valve for automatic washing machines, Inlet water. B. N. Ashton. 2,562,875, Aug. 7.
Valve for baum jigs, Hutch. W. J. Smith. 2,573,503, Oct. 30.
Valve for carburetor gaskets, Air control. C. F. Christie. 2,571,539, Oct. 16.
Valve for clutch operating, Control. A. Gershel. 2,553,137, May 15.
Valve for compressed air circuit breakers. H. Forwald. 2,561,192, July 17.
Valve for compressed fluids, Relay. A. Dewandre. 2,568,723, Sept. 25.
Valve for compressors, Air. A. Kalitinsky. 2,540,737, Feb. 6.
Valve for condenser coolant, Automatic control. A. B. Newton. 2,551,758, May 8.
Valve for containers holding edible substances, such as whipping cream, under pressure, Sanitary discharge. A. H. Smith. 2,565,050, Aug. 21.
Valve for controlling fuel gas. E. H. Mueller. 2,543,189, Feb. 27.
Valve for controlling fuel gas. E. H. Mueller. 2,572,507, Oct. 23.
Valve for controlling gas. E. H. Mueller. 2,554,470, May 22.
Valve for controlling gaseous fuel. E. H. Mueller. 2,561,531, July 24.
Valve for controlling the flow of gaseous or liquid media. W. Boyd. 2,571,826, Oct. 16.
Valve for cooking utensil covers, Regulating. H. J. Lebherz. 2,573,719, Nov. 6.
Valve for corrosive fluids. R. C. Schenck. 2,539,106, Jan. 23.
Valve for cotton harvesters, Gathering head. G. C. Curtis. 2,551,827, May 8.
Valve for deep wells, Control. O. R. Stump and A. W. Titus. 2,545,175, Mar. 13.
Valve for expediting reverse movements of fluid motors, Dumping. H. L. Peek. 2,578,204, Dec. 11.
Valve for filler machines, Metering. C. F. Hammann. 2,573,566, Oct. 30.
Valve for fluid actuated rotary tools, Throttle. P. E. Schmid. 2,570,009, Oct. 2.
Valve for fluid-pressure systems. F. Gash. 2,570,937, Oct. 9.

Valve for fluids, Dual. F. H. Etzenhouser. 2,555,188, May 29.
Valve for fountain stencil brush. D. C. Wright. 2,537,872, Jan. 9.
Valve for fuel systems, Float. D. Samiran. 2,578,745, Dec. 18.
Valve for gas lines, Safety. D. L. Brown. 2,543,566, Feb. 27.
Valve for gas-turbine torch igniters, Two-position fuel. L. Haworth and P. F. Green. 2,543,366, Feb. 27.
Valve for gasoline dispensing nozzles, Check. C. M. Barnes. 2,553,888, May 22.
Valve for giving clutches overlapping engagements, Centrifugally balanced. H. Grandgirard. 2,567,703, Sept. 11.
Valve for heating systems, Reducing and cutoff. A. Rogers. 2,561,316, July 17.
Valve for high-flow rates at low-pressure drop, Rapid closure. D. E. Harris. 2,575,272, Nov. 13.
Valve for high-pressure lines, Eccentric ball. R. W. Drake. 2,577,725, Dec. 11.
Valve for hydraulic brake systems, Pressure regulating. F. G. Castner. 2,579,904, Dec. 25.
Valve for hydraulic pumps or motors, Gyratory. L. T. Stoyke and B. H. Mosbacher. 2,579,879, Dec. 25.
Valve for hydraulic wood grinders, Antisurge. P. R. Sandwell. 2,538,383, Jan. 16.
Valve for liquefied hydrocarbon containers, Fill and discharge. W. E. McCabe, Jr. 2,543,920, Mar. 6.
Valve for liquid systems. J. I. Hall. 2,561,922, July 24.
Valve for machine tools, Multiple position spool. L. V. Harding. 2,550,148, Apr. 24.
Valve for metering system. C. D. Hirst and G. L. Woodington. 2,575,810, Nov. 20.
Valve for oil burners, Automatic safety. O. P. Graff. 2,558,355, June 26.
Valve for oil well tubing. W. E. Halbert. 2,570,667, Oct. 9.
Valve for oil wells, Fluid lift control. T. E. Bryan. 2,541,807, Feb. 13.
Valve for operating on very short waves, Electronic. R. Warnecke and J. Bernier. 2,565,708, Aug. 28.
Valve for power transmissions. L. R. Twyman. 2,541,951, Feb. 13.
Valve for power transmissions, Vent. D. B. Gardiner. 2,562,353, July 31.
Valve for pressure cookers, Adjustable relief. E. G. Grundstrom. 2,570,228, Oct. 9.
Valve for pressure cookers, Relief pressure. P. J. Kircher. 2,536,505, Jan. 2.
Valve for pressure gauges, Air. L. O. Greeley. 2,567,428, Sept. 11.
Valve for reciprocating compressors, Suction. L. Hanson. 2,579,667, Dec. 25.
Valve for refrigerant compressors. T. G. Crider. 2,565,950, Aug. 28.
Valve for resonance combustion apparatus, Sleeve. R. H. Goddard. 2,548,430, Apr. 10.
Valve for shock absorbers. W. G. Patriquin. 2,576,637, Nov. 27.
Valve for shower heads, Thermostatically controlled. C. J. Reimuller. 2,556,777, June 12.
Valve for sprinkling, Auxiliary. E. Sokolik. 2,549,537, Apr. 17.
Valve for steam radiators, Relief. H. J. Monteverde. 2,561,878, July 24.
Valve for steam systems, Air. G. E. Lucks. 2,576,954. Dec. 4.
Valve for step-by-step servomotors. R. H. Hodgson. 2,542,082, Feb. 20.
Valve for suction socket prosthesis. J. W. White and J. J. Vollmer. 2,569,790, Oct. 2.
Valve for surface coating mops, having a cord operated valve actuating lever, Dispensing. S. Schulman. 2,566,429, Sept. 4.
Valve for tanks, Automatic cutoff. W. B. Streety and C. R. Guinn. 2,542,591, Feb. 20.
Valve for tractor-trailer air brake systems, Emergency air control. W. H. Gomer. 2,539,829, Jan. 30.
Valve for tubular spray bars, Automatic spray nozzle. C. G. Kolbach. 2,571,583, Oct. 16.
Valve for two-stroke internal-combustion engines, Rotary. M. Kos. 2,565,972, Aug. 28.
Valve for ultra-short waves, Amplifier. R. Warnecke. 2,540,019, Jan. 30.
Valve for volatile liquids, Combined filling and dispensing. L. B. Courtot. 2,548,352, Apr. 10.
Valve for water softeners, Directional control. B. Agnew. 2,574,809, Nov. 13.
Valve grinding device. A. De Genova. 2,540,715, Feb. 6.
Valve guard. L. J. Benoit. 2,580,343, Dec. 25.
Valve having electrical control means, Light. M. J. A. J. Hawadier. 2,539,133, Jan. 23.
Valve having pressure responsive means for varying the superheat setting thereof, Thermostatic expansion. F. Y. Carter. 2,558,930, July 3.
Valve having sealing diaphragm and supporting means therefor, Thermostatic. E. J. Dillman. 2,548,878, Apr. 17.
Valve head. F. J. Stover. 2,573,623, Oct. 30.
Valve head assembly, Swivel. M. F. De Grave. 2,563,992, Aug. 14.
Valve injector for hydraulic action turbines, Straight needle. E. Fulpius. 2,557,423, June 19.
Valve interlock, Safety. R. A. Shields. 2,538,335, Jan. 16.
Valve lifter. R. G. Miller. 2,577,474, Dec. 4.
Valve locking mechanism. A. G. Kaufman. 2,541,073, Feb. 13.
Valve lubricating and cooling apparatus, Overhead. F. R. Good. 2,568,729, Sept. 25.
Valve means, Electrically controlled. R. P. Hobson. 2,572,621, Oct. 23.
Valve means for hydrostatic power transmitting systems, Pressure operated. K. E. Evrell. 2,549,897, Apr. 24.
Valve means for internal-combustion engines. M. J. Berlyn. 2,573,301, Oct. 30.
Valve means for motors, Pressure actuated distributing. H. P. Kupiec and E. G. Gravenhorst. 2,537,680, Jan. 9.
Valve mechanism. W. P. Dalrymple. 2,576,578, Nov. 27.
Valve mechanism. L. G. Lindsay. 2,563,539, Aug. 7.
Valve mechanism. E. A. Rockwell. 2,563,419, Aug. 7.
Valve mechanism, Fluid distributing. R. O. Allen. 2,546,844, Mar. 27.
Valve mechanism for a glassware forming machine blow head or the like, Fluid control. B. H. Koob. 2,542,086, Feb. 20.
Valve mechanism for heating controls. M. J. Kittler. 2,564,112, Aug. 14.
Valve mechanism for hydraulic power presses. B. Japikse. 2,549,474, Apr. 17.
Valve mechanism for hydraulic units. W. H. Worthington and E. F. Jirsa. 2,544,972, Mar. 13.
Valve mechanism for internal-combustion engines, Charge control. M. Mallory. 2,544,607, Mar. 6.
Valve mechanism for power-driven rammers and pile drivers. J. W. Philippovic. 2,543,126, Feb. 27.
Valve mechanism for pumps. M. R. Sheen. 2,554,481, May 22.
Valve mechanism for reciprocatory fluid pressure operated motors. E. W. Davis. 2,556,680, June 12.
Valve mechanism for solvent extraction plants, Outlet. C. W. Zies. 2,558,408, June 26.
Valve mechanism, Pilot operated. C. D. Branson. 2,575,042, Nov. 13.
Valve mechanism, Reversing. S. R. Ross. 2,550,723, May 1.
Valve mechanism, Snap action. F. D. Crow. 2,560,090, July 10.
Valve member, Flexible. W. Lamb. 2,542,254, Feb. 20.
Valve of great power for ultra-short waves, Electronic transmitting. R. Warnecke and P. Guénard. 2,564,385, Aug. 14.
Valve of natural gas, Controlling heating. W. L. Phillips and C. P. Stanley. 2,547,970, Apr. 10.
Valve operable to open automatically when connected to sandbox, Sand hose. M. W. Powell. 2,566,248, Aug. 28.
Valve operated by differential pressures, Hydraulic. W. W. Taylor. 2,536,965, Jan. 2.
Valve operating means. L. H. Schmohl. 2,560,897, July 17.
Valve-operating mechanism. J. L. Jameson. 2,546,263, Mar. 27.
Valve operating mechanism for spray cans. H. B. Rubenstein and D. Braverman. 2,558,272, June 26.
Valve operator. H. W. McPherson. 2,572,175, Oct. 23.
Valve operator, Cone. I. M. White and R. Bacchi. 2,565,640, Aug. 28.
Valve operator, Fire hydrant. R. H. Mueller and E. E. Cline. 2,576,631, Nov. 27.
Valve oscillator, Thermionic. C. H. J. Beaven, K. M. Caple, and H. A. Dell. 2,567,269, Sept. 11.
Valve protector. J. H. Hartman. 2,578,628–9, Dec. 11.
Valve rack. T. P. Carraher. 2,548,289, Apr. 10.
Valve reconditioning chuck. F. G. Livingston and O. B. Harmes. 2,570,825, Oct. 9.
Valve, relief valve, and pressure signal for pneumatic tires, Air. W. A. Caldwell. 2,549,571, Apr. 17.
Valve repair tool. H. Herzog. 2,573,790, Nov. 6.
Valve repairing machine. R. H. Hunter and C. G. Seeds. 2,572,485, Oct. 23.
Valve return device. P. Panhard. 2,579,608, Dec. 25.
Valve rotating device. F. C. Burrell. 2,572,106, Oct. 23.
Valve seat for flush boxes, Replacement. E. F. Howe. 2,557,743, June 19.
Valve seat gauge. F. W. Preslan. 2,557,840, June 19.
Valve sequenced multifunction timer, Electric. S. C. Rockafellow. 2,573,360, Oct. 30.
Valve shaft, Motor operated. G. T. Downey. 2,544,448, Mar. 6.
Valve shank protector. J. H. Hartman. 2,578,630, Dec. 11.
Valve silencer, Tappet. S. G. Houser and J. F. Kibler. 2,564,902, Aug. 21.
Valve silencer, Tappet. R. E. Randolph. 2,545,750, Mar. 20.
Valve spile, Liquid-dispensing. J. A. Danielson. 2,552,155, May 8.
Valve spring compressing tool. M. P. Mihalic. 2,566,460, Sept. 4.
Valve stem bending tool. R. K. Boyer and H. W. Krohn, Jr. 2,565,646, Aug. 28.
Valve stem guide with air inlet. M. M. Douglas. 2,579,657, Dec. 25.
Valve stem, Remotely adjustable. D. W. Turner. 2,557,847, June 19.
Valve stem seal. C. C. Franck. 2,543,102, Feb. 27.
Valve stop for hose nozzles. J. A. Logan and E. V. Lavallee. 2,577,255, Dec. 4.

Valve stopper. F. N. Fischer and J. B. Kuzel. 2,568,615, Sept. 18.
Valve structure. J. H. De Frees. 2,557,177, June 19.
Valve structure. W. Robinson. 2,540,056, Jan. 30.
Valve structure and system therefor. J. P. Smith. 2,544,054, Mar. 6.
Valve structure, Electromagnetically operated. D. E. Harris. 2,547,390, Apr. 3.
Valve structure, Exhaust. T. E. Mead. 2,567,391, Sept. 11.
Valve structure, Fluid. L. A. Kempton. 2,558,962, July 3.
Valve structure for fuel burners, Safety. W. A. Ray. 2,567,123, Sept. 4.
Valve system, Flush. F. R. Cochran. 2,543,438, Feb. 27.
Valve system for filling and emptying liquid tanks, Automatic. J. Muller. 2,563,481, Aug. 7.
Valve system for hydraulic transmissions. W. A. Hunter. 2,567,152, Sept. 4.
Valve tap. B. Denzler. 2,564,196, Aug. 14.
Valve tappet, Adjustable. C. H. Nickell. 2,567,078, Sept. 4.
Valve tappet, Self-contained automatic. H. H. Engemann. 2,553,756, May 22.
Valve testing apparatus. W. T. Koestering. 2,573,646, Oct. 30.
Valve translating system, Electric. A. H. Mittag. 2,572,648, Oct. 23.
Valve turning tool. A. H. Moore. 2,539,262, Jan. 23.
Valve unit for hydraulically operated transmissions. T. C. Schellinger. 2,548,175, Apr. 10.
Valve unit for surgical appliances, Expendable. C. C. Abbott. 2,538,662, Jan. 16.
Valve unit for volatile products, Dispensing. H. H. Sjolin. 2,579,977, Dec. 25.
Valve unit, Multiple. E. P. Jordan. 2,564,066, Aug. 14.
Valve utilizing secondary electron emission amplification, Thermionic. A. H. Atherton. 2,553,997, May 22.
Valve with a variable range of regulation. O. V. Tillberg. 2,578,109, Dec. 11.
Valve with adjustable pressure limiting feature, Thermostatic expansion. E. C. Ehlke. 2,542,802, Feb. 20.
Valve with built-in operating cylinder for pressure fluid operations. J. Heck. 2,574,262, Nov. 6.
Valve with constant flow mechanism, Mixing. C. D. Branson. 2,575,043, Nov. 13.
Valve with external seal cap, Free eccentric type. T. R. Smith. 2,537,798, Jan. 9.
Valve with floating check, Discharge. F. B. Allen and N. H. Siebens. 2,579,457, Dec. 25.
Valve with pressure regulator, Silent. A. R. Stephany. 2,564,286, Aug. 14.
Valve with selective float position, Fluid control. J. H. Edman. 2,572,705, Oct. 23.
Valve with vibration damper. W. W. Watt. 2,573,522, Oct. 30.
Valved bag. C. V. Brady and A. F. Ottinger. 2,558,169, June 26.
Valved closure for collapsible tubes, Pressure operated. R. M. Venard. 2,555,907, June 5.
Valved closure for vessel with fluid under pressure, having manually operated valve actuator. A. R. Dey. 2,565,954, Aug. 28.
Valved closure plug for insertion in the neck of a bottle. S. Breakstone. 2,579,724, Dec. 25.
Valved coupling. S. P. Di Rosa. 2,548,957, Apr. 17.
Valved coupling. R. A. Newcomb. 2,543,589, Feb. 27.
Valved coupling. E. M. Wagner. 2,557,807, June 19.
Valved dispensing head with auxiliary nozzle valve. J. M. Curto. 2,574,534, Nov. 13.
Valved hose coupling. F. E. Hansen. 2,548,528, Apr. 10.
Valved pipe coupling. A. T. Scheiwer. 2,553,680, May 22.
Valved selective sound control device. C. Huenlich. 2,541,164, Feb. 13.
Valveless intermittent ram-jet engine. H. R. Bohanon. 2,574,460, Nov. 13.
Valves, Making. C. I. Bohlen. 2,573,177, Oct. 30.
Valves, Making. C. H. Crawley. 2,536,727, Jan. 2.
Valving system, Balanced poppet. G. T. Allen. 2,540,183, Feb. 6.
Valvular device for fluid-injecting golf ball centers. J. R. Gammeter. 2,570,787, Oct. 9.
Vamp and sole connection. J. P. Tarbox. 2,568,974, Sept. 25.
Vamp lining for safety shoes. E. L. Schultz. 2,578,987, Dec. 18.
Vamps for incorporation in slip lasted shoes, Making prepared. J. J. Walsh. 2,540,850, Feb. 6.
Van, Refrigerated transit. B. E. Williams and A. R. Redrow. 2,570,415, Oct. 9.
Vanadium containing briquettes. A. Linz. 2,576,763, Nov. 27.
Vane track for hydrodynamic machines. W. Ferris. 2,538,193, Jan. 16.
Vane type hydraulic clutch. W. A. Roth. 2,571,063, Oct. 9.
Vane type hydraulic clutch. D. W. White. 2,577,057, Dec. 4.
Vanillic acid, Production of. I. A. Pearl. 2,553,146, May 16.
Vanillin and vanillin derivatives, Preparation of. P. Lagally. 2,547,913, Apr. 3.
Vanillin, Producing. J. H. Fisher and H. B. Marshall. 2,576,752–3, Nov. 27.
Vanillin, Producing. J. H. Fisher and C. A. Sankey. 2,576,754, Nov. 27.
Vanity box. L. Root. 2,568,365, Sept. 18.
Vanity box. G. M. Thompson. 2,576,730, Nov. 27.
Vanity kit, Automobile. B. L. Uttz. 2,547,101, Apr. 3.
Vapor coating process. W. A. Miller. 2,539,149, Jan. 23.
Vapor control. C. D. Laidley. 2,574,151, Nov. 6.
Vapor dispenser. E. Buehler. 2,540,095, Feb. 6.
Vapor electric device. L. W. Herchenroeder. 2,579,574, Dec. 25.
Vapor expulsion. G. C. Morris. 2,578,577, Dec. 11.
Vapor generating and control system. P. S. Dickey. 2,580,345, Dec. 25.
Vapor lamp and system. N. C. Beese. 2,562,887, Aug. 7.
Vapor phase hydration. J. H. McAteer. 2,547,766, Apr. 3.
Vapor removing system for rotary fuel metering devices. A. P. Schnaible and W. F. Blakeway. 2,539,484, Jan. 30.
Vapor seal. F. A. Dodelin. 2,541,751, Feb. 13.
Vapor separating pump. M. L. Edwards. 2,552,264, May 8.
Vapor separator. C. C. Carson. 2,540,097, Feb. 6.
Vapor separator. L. E. Johnson. 2,570,557, Oct. 9.
Vapor trap. S. W. Gilbert. 2,580,016, Dec. 25.
Vaporization apparatus. J. C. Lincoln. 2,577,023, Dec. 4.
Vaporizer. J. Fusay and H. Eventoff. 2,557,501, June 19.
Vaporizer. F. C. Hunt. 2,542,529, Feb. 20.
Vaporizer. S. P. Jones. 2,565,816, Aug. 28.
Vaporizer. K. C. Thompson. 2,579,626, Dec. 25.
Vaporizer, Electric. R. R. Fisher. 2,576,110, Nov. 27.
Vaporizer for fuel gases. O. Mitchell and W. P. Freeman. 2,551,501, May 1.
Vaporizer, Fuel. J. Graziano. 2,560,220, July 10.
Vaporizer, Liquefied fuel. S. P. Jones. 2,580,102, Dec. 25.
Vaporizer, Liquid fuel. S. P. Jones. 2,558,051, June 26.
Vaporizer system for combustion chambers. F. D. M. Williams. 2,548,087, Apr. 10.
Vaporizer system, Mobile. A. W. Peck. 2,548,051, Apr. 10.
Vaporizer, Vertical. R. R. Fisher. 2,577,958, Dec. 11.
Vaporizing and injecting system, Liquid ammonia. B. B. Ewing. 2,557,955, June 26.
Vaporizing anesthetizing liquids, Method and apparatus for. C. B. Gardenier. 2,549,593, Apr. 17.
Vaporizing apparatus. H. J. Ness. 2,554,377, May 22.
Vaporizing apparatus. H. R. Stagner. 2,576,976, Dec. 4.
Vaporizing furnace. D. A. Jackson. 2,552,430, May 8.
Vaporizing lindane in ventilated rooms. D. H. Christopher and P. J. Spear. 2,541,637, Feb. 13.
Vaporizing manifold type liquid fuel burner. A. A. Topp. 2,563,139, Aug. 7.
Vaporizing oil burner. W. H. Strom. 2,571,629, Oct. 16.
Vaporizing oil burner. S. C. Towar. 2,540,018, Jan. 30.
Vaporizing pot type burner. S. P. Campbell. 2,565,677, Aug. 28.
Vaporizing pot type burner and pilot burner therefor. R. N. St. John. 2,574,358, Nov. 6.
Vaporizing solutions and recovering solids therefrom, Process and apparatus for. D. E. Marshall. 2,561,393, July 24.
Vaporizing type liquid fuel burner. F. H. Cross. 2,549,175, Apr. 17.
Vaporizing type liquid fuel burner. J. W. Miller. 2,543,980, Mar. 6.
Vaporizing type liquid fuel burner. G. C. Peter. 2,560,367, July 10.
Vaporizing type liquid fuel burner. C. Yvelin. 2,549,279, Apr. 17.
Vaporizing type oil burner. H. F. Daniels. 2,553,304, May 15.
Vaporizing type oil burner. J. W. Miller. 2,548,117, Apr. 10.
Vaporizing-type oil burner. C. D. Nicholson. 2,547,341, Apr. 3.
Vaporizing type oil burner. J. Thomson. 2,542,729, Feb. 20.
Vaporizing unit for internal-combustion engines. C. N. Reymert. 2,537,705, Jan. 9.
Variable attenuator with linear drive. S. A. Johnson. 2,578,249, Dec. 11.
Variable automatic clearance pocket. C. O. Meyers. 2,570,965, Oct. 9.
Variable band width circuit. P. R. Bell, Jr. 2,576,329, Nov. 27.
Variable compression ratio internal-combustion engine. H. J. Kratzer. 2,554,336, May 22.
Variable condenser. H. R. Foster and E. E. Crump. 2,567,280, Sept. 11.
Variable condenser and drive means therefor. R. R. Batcher. 2,580,000, Dec. 25.
Variable delay circuit. J. H. Mulligan, Jr. and A. J. Talamini, Jr. 2,556,934, June 12.
Variable delivery alternating piston pump. T. J. Lester. 2,565,860, Aug. 28.
Variable density fluid energy converter. E. E. Stoeckly. 2,537,800, Jan. 9.
Variable discharge fuel pump. M. Katcher. 2,553,321, May 15.
Variable discharge mechanism. T. R. Ellerbeck. 2,577,315, Dec. 4.
Variable displacement drive. W. M. Cutler, H. B. Greenough, and E. S. Kant. 2,561,344, July 24.

Variable displacement pump. T. M. Moulden. 2,568,356, Sept. 18.
Variable-displacement radial-piston pump. T. M. Moulden. 2,568,357, Sept. 18.
Variable distribution of fuel spray for direct fuel injection internal-combustion engines. R. J. Welsh. 2,570,616, Oct. 9.
Variable drive transmission. L. McGihon. 2,578,012, Dec. 11.
Variable electric resistance device. J. S. Zimmer. 2,541,852, Feb. 13.
Variable electrical condenser. H. M. Wadsworth. 2,541,897, Feb. 13.
Variable filter screen. L. R. Aparicio. 2,537,011, Jan. 9.
Variable flow pump. C. B. Gray. 2,540,328, Feb. 6.
Variable frequency cavity resonator. E. G. Martin. 2,562,323, July 31.
Variable frequency counter. O. L. MacSorley. 2,560,968, July 17.
Variable-frequency interdigital magnetron. H. J. McCarthy. 2,578,569, Dec. 11.
Variable frequency tank circuit. L. N. Hadley, Jr. 2,544,832, Mar. 13.
Variable frequency vibrating device. L R. W. Liesch. 2,561,027, July 17.
Variable impedance device. L. E. Barton. 2,544,211, Mar. 6.
Variable impedance device. D. F. Walker. 2,572,545, Oct. 23.
Variable incidence multiple wing system for aircraft. J. Muller. 2,550,850, May 1.
Variable inductance core structure. W. J. Krug. 2,543,551, Feb. 27.
Variable inductance device. V. J. Cooper. 2,554,295, May 22.
Variable inductance for use on very high frequencies. V. J. Cooper. 2,560,685, July 17.
Variable inductive coupling. T. H. Chambers. 2,568,718, Sept. 25.
Variable length rip cord, housing, and rip cord pocket. M. H. Ingels and A. C. Binder. 2,561,375, July 24.
Variable oscillating gear. J. D. Kreis. 2,553,859, May 22.
Variable-output hydraulic pump. L. Leech. 2,561,519, July 24.
Variable percussion hermetically sealed electromagnetic call-signal device. R. W. Augustine and J. F. Houdek, Jr. 2,578,032, Dec. 11.
Variable pitch propeller. W. L. Greene. 2,578,350, Dec. 11.
Variable pitch V-pulley. T. F. E. Fuchslocher. 2,555,189. May 29.
Variable position control for hydraulic systems. E. H. Fletcher. 2,547,861, Apr. 3.
Variable potential electrical generator. J. H. Coleman. 2,555,116, May 29.
Variable pressure fluid control circuit. E. J. Svenson. 2,566,380, Sept. 4.
Variable rate sweep voltage generator. J. W. Gray. 2,576,339, Nov. 27.
Variable ratio drive mechanism. C. D. Ammon. 2,556,512, June 12.
Variable ratio power transmission apparatus. H. F. Hobbs. 2,571,448, Oct. 16.
Variable ratio speed changer. F. K. Floyd and A. E. Custer. 2,571,851, Oct. 16.
Variable reactance and control device comprising such a reactance. J. L. Arends and E. H. Hugenholtz. 2,561,041, July 17.
Variable reactance decoupling circuit. W. R. Faust and H. M. Beck. 2,577,746, Dec. 11.
Variable reactance transistor circuit. H. C. Goodrich, Jr. 2,570,938, Oct. 9.
Variable resistance. R. G. Ferris and J. D. Jordan. 2,552,482, May 8.
Variable resistance. B. B. Scott. 2,566,911, Sept. 4.
Variable resistance device. H. L. Coyne, F. D. Fessler, L. N. Hampton, O. S. A. Mesch, and W. N. Thompson. 2,577,108, Dec. 4.
Variable resistance device. W. R. Jack, L. D. Cahill, and E. M. Brinker. 2,537,671, Jan. 9.
Variable resistor. B. Brenner. 2,537,733, Jan. 9.
Variable resistor. Z. Hof. 2,561,116, July 17.
Variable resistor. C. F. Schaefer. 2,561,140, July 17.
Variable resistor construction. L. M. Burgess. 2,543,228, Feb. 27.
Variable resistor switch. I. Nesson. 2,543,373, Feb. 27.
Variable-speed clutch. U. A. Moores. 2,569,864, Oct. 2
Variable speed control. S. Wallace. 2,561,545, July 24.
Variable-speed coupling. T. M. O'Hara. 2,564,211, Aug. 14.
Variable-speed drive. D. Heyer. 2,543,967, Mar. 6.
Variable-speed drive. W. E. Raney. 2,578,837, Dec. 18.
Variable-speed drive. J. D. Rieser. 2,573,493, Oct. 30.
Variable-speed drive. H. A. Schuricht. 2,560,991, July 17.
Variable-speed drive. W. M. Schweickart. 2,566,997, Sept. 4.
Variable-speed drive. F. C. Victory. 2,557,849, June 19.
Variable-speed drive and clutch. A. A. Peterson. 2,577,913, Dec. 11.
Variable-speed drive control for spinning frames. J. S. Michie and P. B. Reeves. 2,571,920, Oct. 30.
Variable speed electric motor. C. H. Sparklin. 2,541,120, Feb. 13.
Variable-speed friction gear. J. J. van Leeuwen. 2,552,751, May 15.
Variable-speed reduction unit. D. F. Przybylski. 2,546,869, Mar. 27.
Variable speed stroke power mechanism. F. F. Hillix. 2,573,333, Oct. 30.
Variable-speed torque converter. J. S. Voymas. 2,574,443, Nov. 6.
Variable-speed transmission. A. G. Bade. 2,578,914, Dec. 18.
Variable-speed transmission. A. Castagna. 2,574,530, Nov. 13.
Variable-speed transmission. P. Klamp. 2,554,463, May 22.
Variable speed transmission. R. A. Railton. 2,555,702, June 5.
Variable-speed transmission chain. L. E. Shaw. 2,550,431. Apr. 24.
Variable-speed transmission mechanism. L. Danelon. 2,578,403, Dec. 11.
Variable stroke engine. E. Wildhaber. 2,539,880, Jan. 30.
Variable stroke pump. T. Edwards. 2,559,952, July 10.
Variable stroke pump. F. W. Schroepfer. 2,539,277, Jan. 23.
Variable stroke slurcock. J. Václavík. 2,571,314, Oct. 16.
Variable surface wings and tail fins in flying machines. J. Makhonine. 2,550,278, Apr. 24.
Variable sweep circuit. I. A. Greenwood, Jr., and J. D. Hirsch. 2,569,164, Sept. 25.
Variable tension circular jaw animal trap. M. E. Bigelow. 2,543,826, Mar. 6.
Variable tension drag for fishing reels. H. I. Mandolf and S. W. Baker. 2,578,978, Dec. 18.
Variable throw crankshaft piston type radial pump. F. E. Staats. 2,544,055, Mar. 6.
Variable throw eccentric mechanism. R. Plotts. 2,536,213, Jan. 2.
Variable tread wheel. C. L. Eksergian. 2,545,943, Mar. 20.
Variable timed release for registers controlled by register group busy means. J. W. Dehn, R. E. Hersey, and A. C. Mehring. 2,542,800, Feb. 20.
Variable timing circuit. H. M. Crain. 2,542,631, Feb. 20.
Variable volume rotary pump. J. W. F. Holl. 2,565,077, Aug. 21.
Variation detection. R. M. Brink. 2,563,814, Aug. 14.
Variload and varibias circuits. L. J. Wadzinski. 2,579,633, Dec. 25.
Varying the inductive reactance of electrical circuits. E. P. Thias. 2,543,560, Feb. 27.
Varnish applicator mechanism for sheet varnishers. E. W. and F. R. Belluche. 2,545,539, Mar. 20.
Varnish treatment of electrical apparatus. R. P. Hanna, J. G. Wynn, M. M. Fromm, and E. M. Laughner. 2,561,982, July 24.
Varnishes and preparing them, Oleoresinous. J. J. Bradley, Jr. 2,550,961, May 1.
Vase. Illuminated artificial flower. H. T. Nordstrom. 2,559,313, July 3.
Vasoconstrictor amine salts of N'-acyl sulfanilamides. F. J. Kirchmeyer and E. E. Moore. 2,540,786. Feb. 6.
Vasoconstrictor compounds of saccharin and pharmaceutical compositions produced therefrom. W. F. Hamilton. 2,538,645, Jan. 16.
Vat dye and intermediate. W. Schmidt-Nickels. 2,546,139, Mar. 20.
Vat dye and intermediate. W. Schmidt-Nickels. 2,562,872, July 31.
Vat dyeing of acrylonitrile polymers. R. J. Thomas. 2,543,994, Mar. 6.
Vat dyes of the azo anthraquinone oxazole series. H. E. Schroeder and J. Deinet. 2,559,669, July 10.
Vat dyes of the azo anthraquinone series. H. E. Schroeder and J. Deinet. 2,559,675, July 10.
Vat dyestuff of the acridone series. K. A. J. Chamberlain and D. A. W. Fairweather. 2,542,312. Feb. 20.
Vat dyestuffs. T. Holbro and W. Kern. 2,538,313, Jan. 16.
Vat dyestuffs. W. Jenny and W. Kern. 2,543,411, Feb. 27.
Vat-dyestuffs. W. Kern. 2,539,193, Jan. 23.
Vat dyestuffs. P. Sutter and W. Kern. 2,555,713, June 5.
Vat dyestuffs and making same. W. Kern and T. Holbro. 2,539,192, Jan. 23.
Vat having guide wheel driven by a magnetic coupling, Yarn treating. J. K. Whisnant. 2,539,982, Jan. 30.
Vault and making same, Concrete burial. W. W. Haase. 2,565,229, Aug. 21.
Vault construction, Grave. O. C. Warrick. 2,545,060, Mar. 13.
Vector analog computing mechanism. H. Harrison. 2,578,299, Dec. 11.
Vegetable gatherer. L. D. Rounds and N. A. White. 2,575,235, Nov. 13.
Vegetable gel, Reversible. A. C. Beckel and P. A. Belter. 2,561,333, July 24.
Vegetable oil-hydrocarbon oil-carbonyl compounds. E. M. Geiser. 2,565,654, Aug. 28.
Vegetable protein, Production of. B. Vassel. 2,573,072, Oct. 30.
Vegetable separator. G. J. Olney. 2,571,056, Oct. 9.

Vegetable treatment process. D. D. Peebles, P. D. Clary, Jr., and R. K. Meade. 2,552,343, May 8.
Vegetable treatment process. D. D. Peebles, P. D. Clary, Jr., and R. K. Meade. 2,559,459, July 3.
Vegetable treatment process. D. D. Peebles, P. D. Clary, Jr., and R. K. Meade. 2,579,609, Dec. 25.
Vegetable trimming machine. E. W. Bridge. 2,571,531, Oct. 16.
Vehicle: *See*—
Animated toy vehicle.
Articulated railway vehicle.
Bale handling vehicle.
Bulk granular material transporting vehicle.
Child's convertible vehicle.
Child's vehicle.
Coal mine haulage vehicle.
Coal mine hauling vehicle.
Collapsible wheeled vehicle.
Combined road and rail vehicle.
Convertible recreation-lounge vehicle.
Fluid powered wheeled automotive vehicle.
Gravity operated sound-producing toy vehicle.
Guided toy vehicle.
Hand wheeled land vehicle.
Log loading and transporting vehicle.
Low bed vehicle.
Lumber stacking vehicle.
Marsh vehicle.
Material hauling and dispensing vehicle.
Motor vehicle.
Motorized vehicle.
Occupant-propelled step-by-step vehicle.
Passenger vehicle.
Scoop-shovel vehicle.
Self-loading vehicle.
Self-propelled corn picker vehicle.
Self-propelled railway vehicle.
Self-propelled vehicle.
Self-unloading vehicle.
Tandem axle vehicle.
Toy jet vehicle.
Toy vehicle.
Three-wheel automotive vehicle.
Wheeled amusement and exercise vehicle.
Wheeled vehicle.
Wicket driving vehicle.
Vehicle. G. Chausson. 2,578,671, Dec. 18.
Vehicle. F. A. Peter. 2,543,054, Feb. 27.
Vehicle and cover therefor, Amphibious. W. I. Bass. 2,536,152, Jan. 2.
Vehicle and its manufacture, Motor. J. A. Grégoire. 2,549,191, Apr. 17.
Vehicle and cable reel motor control means, Hydraulically driven. C. P. Baldwin and H. H. Vanderzee. 2,562,881, Aug. 7.
Vehicle and packing device therefor, Load collecting refuse. R. Boissonnault. 2,561,608, July 24.
Vehicle axle and reach structure. S. E. Hill and W. L. Zink. 2,562,098, July 24.
Vehicle axle support. J. D. Cochin. 2,540,428, Feb. 6.
Vehicle body and axle construction. H. M. Stueland. 2,553,687, May 22.
Vehicle body and running gear support. K. A. K. Jessen. 2,547,580, Apr. 3.
Vehicle body closure assembly. E. F. McHenry. 2,573,476, Oct. 30.
Vehicle body closure check means and latch. K. G. Zummach. 2,538,930, Jan. 23.
Vehicle body construction. R. Cadwallader. 2,544,525, Mar. 6.
Vehicle body convertible to ambulance use. F. H. McClintock. 2,567,294, Sept. 11.
Vehicle body elevating and lowering means, Hydraulic. R. O. Bill. 2,560,714, July 17.
Vehicle body lift and hitch. S. D. Boggs, Jr., and R. R. Handelman. 2,560,625, July 17.
Vehicle body, Removable. A. A. Randolph. 2,559,029, July 3.
Vehicle bogie suspension. P. G. Drong. 2,579,556, Dec. 25.
Vehicle brake. H. J. Butler. 2,563,392, Aug. 7.
Vehicle brake. P. Farkas. 2,575,706, Nov. 20.
Vehicle brake. T. K. Mace. 2,559,363, July 3.
Vehicle brake diving control. J. Obert. 2,574,280, Nov. 6.
Vehicle brake operating mechanism. C. J. Cook. 2,555,819, June 5.
Vehicle braking system, Automotive. A. D. Sahlgaard. 2,579,616, Dec. 25.
Vehicle bumper. G. Kinsey. 2,539,955, Jan. 30.
Vehicle bumper jack. A. M. Olson. 2,547,768, Apr. 3.
Vehicle bumper, Shock absorbing. P. Terranova. 2,573,510, Oct. 30.
Vehicle carried inductive receiver. L. R. Allison and H. V. Rudolph. 2,579,288, Dec. 18.
Vehicle chair. A. C. Hoven and W. H. Bond, Jr. 2,572,482, Oct. 23.
Vehicle construction. W. Josephian. 2,579,003, Dec. 18.
Vehicle construction, Dump. A. R. Cunningham. 2,566,556, Sept. 4.
Vehicle control. O. Horne. 2,537,222, Jan. 9.
Vehicle control mechanism. H. W. Price. 2,551,287, May 1.
Vehicle control system, Traction. I. W. Lichtenfels, and H. G. Moore. 2,566,898, Sept. 4.
Vehicle detecting device. B. Cooper and S. A. Kroll. 2,578,046, Dec. 11.
Vehicle detector. J. L. Barker. 2,540,089, Feb. 6.
Vehicle direction indicator. W. E. O'Shei. 2,572,751, Oct. 23.
Vehicle directional signal lamp. R. Daon. 2,566,404, Sept. 4.
Vehicle dolly. H. Johnston, Jr., and A. Smith. 2,554,365, May 22.
Vehicle door. R. L. J. B. Sanmori. 2,551,054, May 1.
Vehicle door. R. M. Werner. 2,542,605, Feb. 20.
Vehicle door latch. W. A. Endter. 2,569,047, Sept. 25.
Vehicle door upholstery cover. R. W. Klingensmith. 2,539,956, Jan. 30.
Vehicle electrical distribution system. W. O. Woods. 2,563,571, Aug. 7.
Vehicle electrical system. B. M. Leece and S. F. Stewart. 2,557,298, June 19.
Vehicle engine mounting beneath driver's compartment. W. Limon. 2,536,560, Jan. 2.
Vehicle escape hatch operating mechanism. R. Kerr. 2,565,856, Aug. 28.
Vehicle, especially for agricultural purposes. N. F. Andrews and R. L. Dort. 2,543,310, Feb. 27.
Vehicle fender light. W. L. Briggs. 2,543,226, Feb. 27.
Vehicle fender structure. S. D. Bradley and R. C. Sanders. 2,566,282, Aug. 28.
Vehicle for aircraft, Folding motor. R. R. Jenner and D. H. Mitchell. 2,536,749, Jan. 2.
Vehicle for babies, Folding. A. E. Peterson. 2,576,356, Nov. 27.
Vehicle for hauling and dispensing materials. W. F. Mengel. 2,564,020, Aug. 14.
Vehicle for transporting removable cargo containers. J. R. Likens. 2,538,531, Jan. 16.
Vehicle frame. R. H. Verkins. 2,551,982, May 8.
Vehicle frame and spring structure. H. Huber. 2,552,320, May 8.
Vehicle front end construction. R. S. Begg. 2,539,050, Jan. 23.
Vehicle gas tank and tire mounting, Automotive. B. Walker. 2,563,981, Aug. 14.
Vehicle head lamp. J. O. Geissbuhler. 2,568,494, Sept. 18.
Vehicle heater. J. W. Faulhaber, F. W. Fisher, and H. C. Simons. 2,542,317, Feb. 20.
Vehicle heating system. S. E. Heymann. 2,576,757, Nov. 27.
Vehicle hitch assembly. C. W. Hansen. 2,579,232, Dec. 18.
Vehicle hitch, Automatic. E. W. Buckley. 2,556,748, June 12.
Vehicle hoist. C. M. McCormick. 2,579,688, Dec. 25.
Vehicle jack. E. R. Abbey. 2,543,264, Feb. 27.
Vehicle jack. T. Care and F. Sievern. 2,556,796, June 12.
Vehicle license plate holder. C. F. Schultz. 2,555,706, June 5.
Vehicle loader, Hydraulically operated. H. S. Coffee. 2,564,250, Aug. 14.
Vehicle mounted chain-saw wood sawing machine. M. Soss. 2,578,097, Dec. 11.
Vehicle mounted material handling apparatus. B. M. Lang. 2,541,523, Feb. 13.
Vehicle pickup apparatus. J. F. Kimball. 2,564,111, Aug. 14.
Vehicle power transmission, Automatically variable. E. F. Salsbury. 2,543,337, Feb. 27.
Vehicle rearview mirror support. T. Thompson. 2,552,074, May 8.
Vehicle roof construction. J. Oswald. 2,576,354, Nov. 27.
Vehicle running gear. W. H. Seckel. 2,537,711, Jan. 9.
Vehicle spring holding device. H. C. Grossman. 2,568,231, Sept. 18.
Vehicle spring suspension. M. Unzeitig. 2,560,999, July 17.
Vehicle side rack. R. P. Akey. 2,579,774, Dec. 25.
Vehicle side wall construction. F. L. Murphy and J. E. Candlin, Jr. 2,572,747, Oct. 23.
Vehicle signal light. B. J. Prochazka. 2,546,404, Mar. 27.
Vehicle signal light circuit. J. R. Hollins. 2,562,272, July 31.
Vehicle signal switching means. F. W. George. 2,559,717, July 10.
Vehicle speed maintaining device. R. F. Golk. 2,554,619, May 29.
Vehicle spring supporter. F. Koss, Jr. 2,562,316, July 31.
Vehicle stabilizing apparatus. W. J. Kivell. 2,557,354, June 19.
Vehicle stabilizing apparatus. L. B. Lynn. 2,568,402, Sept. 18.
Vehicle steering knuckle mechanism for effecting sharp turns. S. E. Hill. 2,566,565, Sept. 4.
Vehicle step, Yielding. D. McCann. 2,544,799, Mar. 13.
Vehicle supported road sander. E. F. Connelly. 2,577,310, Dec. 4.
Vehicle suspension. K. K. Probst. 2,542,261, Feb. 20.
Vehicle suspension and control for steering wheels. A. S. Krotz. 2,555,649, June 5.
Vehicle suspension, Constant level. A. S. Krotz and R. C. Austin. 2,579,084, Dec. 18.
Vehicle suspension, Railway. J. E. Candlin, Jr., and R. W. Brown. 2,537,637, Jan. 9.
Vehicle suspension, Single axle. R. W. Pointer. 2,558,381, June 26.
Vehicle suspension system. C. J. Smith. 2,549,942, Apr. 24.
Vehicle suspension unit. J. J. Crookston. 2,550,331, Apr. 24
Vehicle tank construction for filling and dispensing. F. Hague. 2,539,663, Jan. 30.
Vehicle tire spreader. A. J. Guillemette. 2,560,101, July 10.
Vehicle top, Collapsible. M. Bessonneau. 2,578,991, Dec. 18.

Vehicle top construction. G. M. Buehrig. 2,556,062, June 5.
Vehicle torsion bar suspension system. H. Coleman. 2,540,188, Feb. 6.
Vehicle turn-signaling switch. S. L. Fuller. 2,542,242, Feb. 20.
Vehicle underframe and fabrication of members thereof. J. W. Owens. 2,546,232, Mar. 27.
Vehicle unloading mechanism. H. K. Flinchbaugh. 2,551,368, May 1.
Vehicle wheel. C. S. Ash. 2,537,180–1, Jan. 9.
Vehicle wheel. C. S. Ash. 2,540,316, Feb. 6.
Vehicle wheel. C. S. Ash. 2,542,455, Feb. 20.
Vehicle wheel. C. S. Ash. 2,543,346, Feb. 27.
Vehicle wheel. C. S. Ash. 2,545,130, Mar. 13.
Vehicle wheel. C. S. Ash. 2,548,928–9, Apr. 17.
Vehicle wheel. C. S. Ash. 2,551,783, May 8.
Vehicle wheel. C. S. Ash. 2,552,081–2, May 8.
Vehicle wheel. C. S. Ash. 2,553,161, May 15.
Vehicle wheel. D. P. Forbes. 2,564,158, Aug. 14.
Vehicle wheel. H. J. Horn. 2,546,508, Mar. 27.
Vehicle wheel. M. Ronayne. 2,540,459, Feb. 6.
Vehicle wheel and fluid motor, Combined. D. Smith. 2 539,490, Jan. 30.
Vehicle wheel cover. H. J. Horn. 2,551,327, May 1.
Vehicle wheel drive. H. W. Alden. 2,539,387, Jan. 30.
Vehicle wheel lubricating apparatus. C. C. S. Le Clair. 2,567,774, Sept. 11.
Vehicle wheel slip control system, Traction. M. A. Edwards and O. A. Keep. 2,543,622, Feb. 27.
Vehicle wheel suspension. A. W. Kogstrom. 2,544,331, Mar. 6.
Vehicle wheel with improved hub cap mounting. A. G. Feldman. 2,559,040, July 3.
Vehicle window regulator. B. S. Floraday. 2,552,671, May 15.
Vehicle window screen. S. J. Galla. 2,568,800, Sept. 25.
Vehicle with articulate frame sections and power plant support, Self-propelled. D. C. Heitshu. 2,543,319, Feb. 27.
Vehicle with articulately connected frame sections, Agricultural. N. F. Andrews. 2,536,148, Jan. 2.
Vehicle with counterbanking superstructure on turns. J. Kolbe. 2,576,686, Nov. 27.
Vehicle with drive shaft coupled to forward extremity of engines. O. R. Smith. 2,578,156, Dec. 11.
Vehicle with elevating and lowering body, Automotive. R. O. Bill. 2,560,715, July 17.
Vehicular coupler. N. Hudson. 2,559,962, July 10.
Velocity control for aircraft, Vertical. R. Hofstadter. 2,558,850, July 3.
Velocity modulation device using secondary emission for density modulation of an electronic beam. F. Rabinovitch. 2,564,277, Aug. 14.
Velocity modulation electron discharge device. W. J. Scott. 2,576,702, Nov. 27.
Velocity modulation electron discharge device of high power. J. Bernier. 2,539,985, Jan. 30.
Velocity selection in electron tubes. G. L. Krieger and G. A. Morton. 2,572,494, Oct. 23.
Velocity-selection-type pickup tube. G. A. Morton. 2,541,374, Feb. 13.
Velocity trip for automatic phonographs. J. S. Hall. 2,568,496, Sept. 18.
Vending and coin change control machine, Commodity. F. D. Meredith and J. W. Hunsinger. 2,571,596, Oct. 16.
Vending and lighting machine, Cigarette. G. E. Thomas. 2,555,618, June 5.
Vending apparatus. F. W. Taylor. 2,537,489, Jan. 9.
Vending apparatus. E. S. Wegman. 2,562,288, July 31.
Vending device for cylindrical articles. L. J. C. Cattanach. 2,562,015, July 24.
Vending machine. J. W. Carlson. 2,543,687, Feb. 27.
Vending machine. C. L. Grau. 2,569,988, Oct. 2.
Vending machine. G. W. Haase and L. D. Merkl. 2,578,545, Dec. 11.
Vending machine. C. W. Hall. 2,549,082, Apr. 17.
Vending machine. H. T. Probasco. 2,537,317, Jan. 9.
Vending machine. J. Schrager. 2,575,300, Nov. 13.
Vending machine. L. W. Springsteen. 2,561,828, July 24.
Vending machine. J. E. Stewart. 2,558,394, June 26.
Vending machine. N. B. Wales and N. B. Wales, Jr. 2,575,606, Nov. 20.
Vending machine, Beverage. B. E. Mills. 2,569,486, Oct. 2.
Vending machine, Bottle. W. W. Bowman. 2,570,516, Oct. 9.
Vending machine, Bottle. H. W. Shirley. 2,560,255, July 10.
Vending machine, Coin-controlled. G. P. Booth and L. M. Smith. 2,571,668, Oct. 16.
Vending machine, Coin-controlled electrical. C. Gabrielsen. 2,546,690, Mar. 27.
Vending machine for bottled goods. B. A. Andrews. 2,563,204, Aug. 7.
Vending machine for compartment cases, Bottle. B. A. Andrews, L. A. Shontz, Jr., and E. C. Johnson. 2,540,856, Feb. 6.
Vending machine for greeting cards. G. M. Pro. 2,556,338, June 12.
Vending machine, Merchandise. W. C. Dressler. 2,546,986, Apr. 3.
Vending machine, Newspaper. L. R. Davis and E. Lester. 2,579,068, Dec. 18.
Vending machine for newspapers and the like. C. H. Weaver. 2,546,352, Mar. 27.
Vending machine, Package. J. H. Rubenstein. 2,575,129, Nov. 13.
Vending machine for packaged articles. C. L. Casey and J. B. Ryno. 2,537,300, Jan. 9.
Vending machine, Multibeverage. J. H. Goldberg. 2,545,614, Mar. 20.
Vending machine, Popcorn. E. E. Styll. 2,547,291, Apr. 3.
Vending machine, Selective beverage. E. H. Thompson and L. W. Doggett. 2,572,541, Oct. 23.
Vending machine, Vertical. C. W. Hall. 2,549,081, Apr. 17.
Vending mechanism, Bottle. H. M. Verdery, Jr. 2,564,552, Aug. 14.
Veneer and making same, Flexible. H. Hampson and P. Quinn. 2,563,111, Aug. 7.
Veneer gauge. C. J. Stone, Sr. 2,574,300, Nov. 6.
Veneer press. R. G. Weyant. 2,536,335, Jan. 2.
Venetian blind. A. L. Appelbaum. 2,574,609, Nov. 13.
Venetian blind. J. R. Brown. 2,570,199, Oct. 9.
Venetian blind. R. Bruner. 2,545,568, Mar. 20.
Venetian blind. R. Bruner. 2,579,137, Dec. 18.
Venetian blind. F. J. Burns. 2,555,393, June 5.
Venetian blind. F. J. Burns. 2,562,259, July 31.
Venetian blind. R. J. Charbonneau. 2,552,841, May 15.
Venetian blind. H. E. Condron, Jr. 2,575,004, Nov. 13.
Venetian blind. H. W. Ferguson and S. Schwartz. 2,573,700, Nov. 6.
Venetian blind. J. J. Foglio. 2,547,260, Apr. 3.
Venetian blind. R. K. Fox. 2,562,781, July 31.
Venetian blind. H. Frank. 2,565,217, Aug. 21.
Venetian blind. C. H. Frankel and I. M. Sondak. 2,555,737, June 5.
Venetian blind. M. S. Fusco. 2,573,326, Oct. 30.
Venetian blind. J. B. Griffith and B. C. Dutton. 2,566,191, Aug. 28.
Venetian blind. W. B. Grogan. 2,560,858, July 17.
Venetian blind. F. R. Hendricks. 2,573,330, Oct. 30.
Venetian blind. J. L. Hunter. 2,569,171, Sept. 25.
Venetian blind. E. J. Klonowski and J. Busch. 2,549,691, Apr. 17.
Venetian blind. W. A. Morse. 2,539,697, Jan. 30.
Venetian blind. H. Nelson. 2,569,866, Oct. 2.
Venetian blind. S. W. Pangborn. 2,553,720, May 22.
Venetian blind. H. J. Schultz. 2,578,749, Dec. 18.
Venetian blind. G. L. Sherwood. 2,555,709, June 5.
Venetian blind. S. Spiegel. 2,570,608, Oct. 9.
Venetian blind. W. J. Stuber and J. J. Di Ienno. 2,580,252, Dec. 25.
Venetian blind. A. J. Toti and P. Princevalle. 2,567,256, Sept. 11.
Venetian blind. B. Walker. 2,572,896, Oct. 30.
Venetian blind. B. Walker. 2,578,766, Dec. 18.
Venetian blind. R. B. Weaver. 2,572,291, Oct. 23.
Venetian blind. L. J. Znidarsic. 2,546,534, Mar. 27.
Venetian blind and awning, Combination. J. C. Williamson. 2,570,018, Oct. 2.
Venetian blind cleaner. R. Love. 2,571,906, Oct. 16.
Venetian blind cleaner. E. T. Verzal. 2,541,448, Feb. 13.
Venetian blind, Enclosed. E. L. Krumm. 2,557,978, June 26.
Venetian blind, External. J. E. Bush. 2,564,152, Aug. 14.
Venetian blind for auto rear windows, Remotely controlled. H. P. Michaelsen. 2,565,979, Aug. 28.
Venetian blind mechanism. R. Cusumano. 2,546,886, Mar. 27.
Venetian blind operating mechanism. L. W. Twyner. 2,540,384, Feb. 6.
Venetian blind part. B. Walker. 2,576,159–60, Nov. 27.
Venetian blind rail and tape fastener. E. F. Thomson.
Venetian blind rail tape clamp. B. B. Junkunc. 2,570,455, Oct. 9.
Venetian blind, Roll-up. C. W. Holbrook. 2,563,934, Aug. 14.
Venetian blind, Sectional. H. W. Ferguson and S. Schwartz. 2,579,485, Dec. 25.
Venetian blind slat. B. Walker. 2,572,224, Oct. 23.
Venetian blind slat retainer. B. Walker. 2,571,317, Oct. 16.
Venetian blind slat structure. I. J. Herman. 2,570,807, Oct. 9.
Venetian blind structure. E. E. Schaefer. 2,561,141, July 17.
Venetian blind structure for windows. B. O. Kellogg. 2,542,146, Feb. 20.
Venetian blind supporting bracket. S. Levine. 2,579,197, Dec. 18.
Venetian blind tape, Plastic. T. Martin. 2,571,372, Oct. 16.
Venetian blind tape protector, L. L. Woodbury, 2,566,474, Sept. 4.
Venetian blind tilt mechanism with cord repositioning feature. W. J. Stuber and J. J. Di Ienno. 2,580,253, Dec. 25.
Venetian window blind, Dustless. L. Chartoff. 2,552,406, May 8.
Venom extractor. H. B. Lewis and G. M. Larson. 2,539,846, Jan. 30.
Vent cap for storage batteries. G. F. Couchey. 2,562,604, July 31.

Vent for engines, Positive. C. W. Mohney. 2,536,562, Jan. 2.
Vent for floating roof tanks. F. D. Moyer and J. W. Allen. 2,564,711, Aug. 21.
Vent for floating roof tanks. C. M. Orr and F. L. Goldsby. 2,536,077, Jan. 2.
Vent for gasoline filling systems for automobiles, Gas. A. G. Goldberg. 2,565,555, Aug. 28.
Vent means for oil-burning furnaces. A. J. Ritter. 2,546,409, Mar. 27.
Vent plug. A. M. Miley and J. E. White. 2,548,995, Apr. 17.
Vent plug and liquid level indicator for batteries. F. M. Brown and K. Dawkins. 2,554,557, May 29.
Vent plug for oil drums. P. E. Purcell. 2,544,613, Mar. 6.
Vent valve. R. L. Gates. 2,577,654, Dec. 4.
Vented neck mold. C. L. Dotson. 2,550,140, Apr. 24.
Vented refrigerant tube coupling. K. M. Newcum. 2,542,877, Feb. 20.
Ventilated band clamp. H. D. Houghton and T. A. Woolsey. 2,548,216, Apr. 10.
Ventilated buffing wheel. T. H. Kingsbury. 2,539,844, Jan. 30.
Ventilated buffing wheel. V. L. Richards. 2,573,874, Nov. 6.
Ventilated spoke-wheel buff. H. H. Bahr. 2,562,688, July 31.
Ventilated table. F. A. Dixon. 2,572,120, Oct. 23.
Ventilating and cooling system, Locomotive. E. W. Kettering. 2,566,212, Aug. 28.
Ventilating apparatus. O. J. Davenport. 2,544,379, Mar. 6.
Ventilating apparatus. O. J. Krug. 2,569,319, Sept. 25.
Ventilating apparatus. J. W. Miller. 2,540,005, Jan 30.
Ventilating assemblage, Storm sash. W. C. Hansen. 2,559,535, July 3.
Ventilating construction for explosionproof electric motors. R. S. Hamby. 2,555,691, June 5.
Ventilating deflector. C. H. McNamee, Sr. 2,555,146, May 29.
Ventilating device. H. Gibson. 2,579,662, Dec. 25.
Ventilating device, Window. P. E. Carrick. 2,553,172, May 15.
Ventilating exhaust apparatus. C. B. Schneible. 2,562,130, July 24.
Ventilating exhaust structure. C. B. Schneible. 2,565,933, Aug. 28.
Ventilating fan mounting structure. V. E. Sprouse and T. P. Jordan. 2,573,145, Oct. 30.
Ventilating hive cover. G. F. Watkins. 2,548,275, Apr. 10.
Ventilating system for a pluraiity of associated engines, Crankcase. W. W. Lowther. 2,547,587, Apr. 3.
Ventilating system for house trailers. O. Suttles. 2,553,881, May 22.
Ventilating system for refrigerator mechanisms. A. M. Thompson. 2,579,056, Dec. 18.
Ventilating system for vehicles. L. S. Greenmun. 2,559,120, July 3.
Ventilating wall block. N. Cowan. 2,565,122, Aug. 21.
Ventilation and temperature control system. T. J. Lehane and E. H. Burgess. 2,553,262, May 15.
Ventilation of vehicles. K. B. Hopfinger. 2,550,353, Apr. 24.
Ventilator. C. L. Ammerman. 2,571,513, Oct. 16.
Ventilator. C. F. Aylesworth. 2,573,757, Nov. 6.
Ventilator. L. J. Jenn. 2,548,607, Apr. 10.
Ventilator. J. P. Johnson. 2,551,004, May 1.
Ventilator. J. P. Johnson. 2,565,131, Aug. 21.
Ventilator. P. J. Kurilo. 2,557,442, June 19.
Ventilator. F. M. Lambert. 2,571,585, Oct. 16.
Ventilator. J. F. Lilly. 2,555,472, June 5.
Ventilator. C. B. Parkhurst. 2,575,679, Nov. 20.
Ventilator. V. Petr, Jr. 2,553,001, May 15.
Ventilator. W. H. Porter. 2,569,689, Oct. 2.
Ventilator. M. Rachlin. 2,563,272, Aug. 7.
Ventilator. M. G. Roberts. 2,544,182, Mar. 6.
Ventilator. M. L. Rysdon. 2,551,969, May 8.
Ventilator. C. W. Schumacher. 2,572,955, Oct. 30.
Ventilator. H. C. Woodard. 2,565,901, Aug. 28.
Ventilator and pinning flap for mattresses. P. Spagnoli. 2,568,259, Sept. 18.
Ventilator and shade, Combination. A. M. Drefke. 2,543,097, Feb. 27.
Ventilator and weather head. C. D. Lutton. 2,570,959, 2,573,163, Oct. 30.
Ventilator attachment. W. Wray. 2,564,075, Aug. 14.
Ventilator attachment for ranges, Cleanout. V. F. Musante. 2,564,074, Aug. 14.
Ventilator, Dairy barn and poultry house. A. M. Harp. 2,552,966, May 15.
Ventilator for beehives, Temperature responsive. M. I. Taylor. 2,574,768, Nov. 13.
Ventilator for tractor cabs, Automotive. L. L. Cross. 2,557,908, June 19.
Ventilator for water craft. E. A. Roper. 2,573,986, Nov. 6.
Ventilator, Foundation. H. W. Ronfeldt. 2,557,566, June 19.
Ventilator, Kitchen stove. W. A. Pledger. 2,577,150, Dec. 4.
Ventilator or window structure, Metal. R. A. Wilke. 2,556,407, June 12.
Ventilator, Roof. E. W. Petersen and R. F. Sansonetti. 2,551,965, May 8.
Ventilator screen. J. H. Jensen and D. J. Rust. 2,564,011, Aug. 14.
Ventilator, Slant roof. G. H. Schneider. 2,551,223, May 1.
Ventilator, Thermostatic window. H. R. Rawson. 2,552,735, May 15.
Ventilator, Window. M. E. Achler and A. H. Milstine. 2,580,268, Dec. 25.
Ventilator, Window. A. Nihon. 2,577,623, Dec. 4.
Ventilator, Window. W. A. Spear. 2,548,327, Apr. 10.
Ventilator, Window. W. W. Welch, Sr. 2,547,189, Apr. 3.
Venting attachment for gasoline tank filling necks. W. Poznik. 2,576,192, Nov. 27.
Venting closure, Linerless. J. A. Benner. 2,576,917, Dec. 4.
Venting means for cooking ranges. C. M. Mayer. 2,540,627, Feb. 6.
Verification apparatus for record controlled embossing machines. L. J. Herman. 2,573,331, Oct. 30.
Verifying device. C. C. Leatherman. 2,545,819, Mar. 20.
Verifying machine. E. W. Gardinor. 2,547,456, Apr. 3.
Vertical acid sludge mill. R. C. Hopkins. 2,540,883, Feb. 6.
Vertical axis circular swing. J. Psaila. 2,570,981, Oct. 9. Oct. 9.
Vertical axis beading. K. Stuart. 2,574,509, Nov. 13.
Vertical axis dispersion mill with drive motor supported from conical grinding head. W. Messinger. 2,574,979, Nov. 13.
Vertical axis ring and wheel mill. M. G. Clay and C. J. Scanlan. 2,564,096, Aug. 14.
Vertical axis roundabout. A. Corsere. 2,550,974, May 1.
Vertical boiler. A. E. Watts. 2,568,781, Sept. 25.
Vertical fire tube steam boiler. C. T. Denker and J. R. Moore. 2,573,551, Oct. 30.
Vertical fluoroscope apparatus. H. Blatz. 2,567,363, Sept. 11.
Vertical flue boiler. B. W. Mandelburg. 2,575,723, Nov. 20.
Vertical gas scrubber. R. C. Ortgies. 2,575,359, Nov. 20.
Vertical indicator. J. H. Stein. 2,548,918, Apr. 17.
Vertical joint sealing strip for concrete slab road pavements. J. E. Carter. 2,577,998, Dec. 11.
Vertical lift control system. L. H. Kiesling. 2,578,431, Dec. 11.
Vertical lift pump. W. E. Lang. 2,552,681, May 15.
Vertical line number translator. O. Myers. 2,570,971, Oct. 9.
Vertical rolling mill. J. W. Shepherdson and J. M. O'Malley. 2,540,552, Feb. 6.
Vertical screw aircraft. J. O. Black. 2,571,662, Oct. 16.
Vertical tube evaporator, Varying diameter. F. Hegenbarth. 2,556,186, June 12.
Vertical rolling mill. J. M. O'Malley. 2,575,231, Nov. 13.
Vertical synchronization pulse separation circuit. L. L. Pourciau and R. W. Lee. 2,539,374, Jan. 23.
Vertical water heater. H. G. Freeman. 2,554,101, May 22.
Vertically adjustable drop-leaf table. H. H. Rieman and C. L. Gray. 2,560,821, July 17.
Vertically adjustable table. J. E. White. 2,547,296, Apr. 3.
Vertically collapsible table. L. N. Udell. 2,565,187, Aug. 21.
Vertically flued coke oven battery having high and low
Vertically moving door. N. H. Nye. 2,572,186, Oct. 23.
burner nozzles in the flues. F. Wethly. 2,564,141, Aug. 14.
Verticle-vibration pickup. A. N. Stanton. 2,551,857, May 8.
Vesicant agent, Stabilized. W. H. Wood. 2,536,482, Jan. 2.
Vessel, Cooking. G. M. Jones. 2,538,566, Jan. 16.
Vessel for pressure cooking. G. M. Jones. 2,538,567, Jan. 16.
Vessel, Cylindrical packing. T. E. Arijoki. 2,569,088, Sept. 25.
Vessel, Double-walled thermally insulated. G. F. Sulfrian. 2,547,607, Apr. 3.
Vessel, Fishing. G. Lehmann. 2,566,086, Aug. 28.
Vessel, Fluid storage. L. P. Zick. 2,576,167, Nov. 27.
Vessel for external pressure. F. D. Moyer and E. S. Fraser. 2,557,990, June 26.
Vessel having means for cutting open and holding a metallic container, Drinking. E. H. Langfeld. 2,559,362, July 3.
Vessel having submerged capillary feeding means for the steam boiler, Jet propelled. G. E. Bittner. 2,546,210, Mar. 27.
Vessel, Jet-propelled. F. B. Romero. 2,570,595, Oct. 9.
Vessel, Laminated. E. A. Ibsch, Jr. 2,542,413, Feb. 20.
Vessel, Milk temperature conditioning. M. A. Soden. 2,576,050, Nov. 20.
Vessel, Pressure resisting heating. K. K. K. Krøyer. 2,575,667, Nov. 20.
Vessel, Stable marine. F. B. Romero. 2,550,298, Apr. 24.
Vessel with audible signal, Cooking. N. Hubbard. 2,536,369, Jan. 2.
Vest, Electrically heated. F. K. Goudsmit. 2,579,383, Dec. 18.
Vestibule diaphragm. R. F. Mihalyi. 2,568,684, Sept. 18.
Vestibule diaphragm buffer structure. R. E. Miller. 2,563,411, Aug. 7.

Veterinary compositions for vaginitis and related disorders. J. W. Cunkelman and J. A. Whiting. 2,550,914, May 1.
Vial for use in artificial insemination. R. H. Hoyt. 2,572,155, Oct. 23.
Vibrating apparatus for molding concrete slabs. H. B. Hemb. 2,545,029, Mar. 13.
Vibrating coatings while drying so as to impart a pattern thereto. W. W. Ulmer and L. R. Burroughs. 2,544,622, Mar. 6.
Vibrating device. H. S. Wenander. 2,546,806, Mar. 27.
Vibrating drink mixer. A. C. Wilcox. 2,543,818, Mar. 6.
Vibrating machine, Pneumatic. F. B. Quinlan. 2,551,289, May 1.
Vibrating means for fluidized catalyst reactors. R. B. Smith. 2,542,587, Feb. 20.
Vibrating mechanism for dynamic mold casting machines. A. G. Welblund. 2,578,213, Dec. 11.
Vibrating mechanism for the feeding hoppers of concrete mixers, etc. G. A. Fleischmann. 2,552,163, May 8.
Vibrating reed type direct-current motor. J. M. Vanderleck. 2,568,100, Sept. 18.
Vibrating suspension apparatus. E. Damond. 2,550,534, Apr. 24.
Vibrating tool. R. P. Gutterman. 2,553.251, May 15.
Vibration absorber. K. J. Manion. 2,570,577, Oct. 9.
Vibration absorbing bushing. J. H. Kelly, Jr., and R. M. Glassco. 2,572,160, Oct. 23.
Vibration actuated transfer device. R. Helm. 2,572,339, Oct. 23.
Vibration analyzing apparatus. D. C. Culver, R. F. Wild, T. R. Harrison, and W. P. Wills. 2,564,300, Aug. 14.
Vibration dampener. E. W. Libby. 2,574,573, Nov. 13.
Vibration dampening support for cleaning and extracting apparatus. J. W. Chamberlin and J. F. Horvath. 2,579,472, Dec. 25.
Vibration damper. J. A. Hardy. 2,556,999, June 12.
Vibration damping and sealing means for air ducts. E. Shapiro. 2,576,860, Nov. 27.
Vibration-damping electromagnetic coupling unit for sound-amplifying apparatus. J. G. Prentiss. 2,568,167, Sept. 18.
Vibration isolation mounting. F. D. Applegate. 2,541,566, Feb. 13.
Vibration isolator. K. W. Johnson. 2,539,431, Jan. 30.
Vibration mounting. D. T. Bradley. 2,549,768, Apr. 24.
Vibration pickup. H. M. Kroft and M. P. Vore. 2,571,899, Oct. 16.
Vibration responsive apparatus. W. A. Good and L. Wenrich. 2.539,618, Jan. 30.
Vibration responsive control. H. A. Wilcox and B. J. Midlock. 2,562,975, Aug. 7.
Vibration testing equipment. J. M. Tyler, V. E. Thornburg, and J. F. Madden. 2,553,391, May 15.
Vibration translator. A. N. Stanton. 2,540,796, Feb. 6.
Vibrato apparatus. L. Hammond and J. M. Hanert. 2,560,568, July 17.
Vibrato system. J. F. Jordan. 2,545,469, Mar. 20.
Vibrator. J. G. M. Brodén. 2,579,784, Dec. 25.
Vibrator. C. F. Coake. 2,578,640, Dec. 11.
Vibrator. E. B. Cook. 2,566,316, Sept. 4.
Vibrator. H. V. Elliott and B. H. Short. 2,541,223, Feb. 13.
Vibrator. A. J. Roubal. 2,566,317, Sept. 4.
Vibrator. C. G. V. Sallander. 2,537,159, Jan. 9.
Vibrator and vacuum massage device, Combination. E. J. Phillips. 2,561,034, July 17.
Vibrator converter with resistors. C. Huetten. 2,573,262, Oct. 30.
Vibrator device, Nail file. H. L. Ashmead. 2,544,248, Mar. 6.
Vibrator for use on synchronous clock motors, Series flux. E. A. Phaneuf. 2,562,734, July 31.
Vibrator, Heavy-duty silent. G. D. Alvord. 2,539,391, Jan. 30.
Vibrator interrupter. R. M. Volyes. 2,541,450, Feb. 13.
Vibrator interrupter system. R. H. Lee. 2,544,332, Mar. 6.
Vibrator machine. L. G. Coury. 2,566,484, Sept. 4.
Vibrator machine, Pneumatic. F. B. Quinlan. 2,554,212, May 22.
Vibrator, Mechanical. R. S. Nevin, Sr. and C. M. Fields. 2,569,900, Oct. 2.
Vibrator, Pneumatic spring disk. J. S. High. 2,547,006, Apr. 3.
Vibrator power supply. T. P. Dillon. 2,543,232, Feb. 27.
Vibrator system for supplying a plurality of direct currents with different voltages. H. B. Reynolds. 2,564,279, Aug. 14.
Vibrator tester. M. F. Poarch. 2,572,194, Oct. 23.
Vibrator, Therapeutic. M. A. Busse. 2,562,769, July 31.
Vibratory electric motor. T. J. Mesh. 2,568,757, Sept. 25.
Vibratory equipment. L. E. Soldan. 2,565,785, Aug. 28.
Vibratory frequency standard apparatus. H. E. Warren. 2,574,136, Nov. 6.
Vibratory mechanism for molds. B. Flam. 2,555,688, June 5.
Vibratory motor. S. A. Denman. 2,559,602, July 10.
Vibratory stable reference apparatus. A. L. Rawlings. 2,552,650, May 15.
Vibrograph. J. G. Burmist. 2,536,870, Jan. 2.
Victim reset animal trap. W. N. Goldsmith. 2,555,641, June 5.
Video amplifier circuit. L. Bess. 2,543,431, Feb. 27.
Video amplifier coupling network for television receivers. F. A. Wissel. 2,577,868, Dec. 11.
Video coupler. C. E. Rainwater. 2,539,926, Jan. 30.
View device, Pictorial. W. Williams. 2,551,818, May 8.
View finder and drift sight. G. S. Monk. 2,578,013, Dec. 11.
View finder for photographic cameras, Collapsible. O. Steiner. 2,575,197, Nov. 13.
View finder for television cameras. W. J. Luckock. 2,547,030, Apr. 3.
View finder masking device. I. Cisski. 2,542,939, Feb. 20.
View finder, Motion-picture camera reflex. W. H. Bach. 2,551,085, May 1.
Viewer and water sprayer. M. Levine. 2,551,955, May 8.
Viewer, Film. M. W. Arps. 2,553,160, May 15.
Viewer, Foldable. J. R. Hutchinson. 2,543,240, Feb. 27.
Viewer for vehicle instruments, Optical. W. R. Hankes. 2,537,996, Jan. 16.
Viewer, Optical. J. C. J. Blosse. 2,538,077, Jan. 16.
Viewer, Transparency. C. P. Regensburg. 2,543,670, Feb. 27.
Viewing and protective device for fluroscope screens, Collapsible day. T. R. Rosenberg. 2,537,373, Jan. 9.
Viewing apparatus for stereoscopic representation of pictures. A. Ames, Jr. 2,542,789, Feb. 20.
Viewing apparatus, Projection. W. S. Nivison and E. O. Wangerin. 2,548,554, Apr. 10.
Viewing device. B. H. Fuller. 2,550,799, May 1.
Viewing device for photographic apparatus and cinematographic cameras. A.-R. Cornut. 2,552,940, May 15.
Vine and seed stripper. W. E. Urschel. 2,550,129, Apr. 24.
Vine cutting and windrowing attachment. M. D. McCoy. 2,576,886, Nov. 27.
Viner and cleaner, Potato. G. H., R. C., and R. J. Zeh. 2,553,072, May 15.
Vinyl acetal resin stabilized with urea-formaldehyde reaction product. R. N. Crozier, E. Lavin, and A. T. Marinaro. 2,561,183, July 17.
Vinyl allyl ether, Production of. G. Collardeau and M. L. A. Fluchaire. 2,546,431, Mar. 27.
Vinyl aromatic compounds, Production of. D. B. Hatcher and R. H. Bunnell. 2,570,551, Oct. 9.
Vinyl aromatic compounds, Stabilized. E. R. Erickson. 2,561,915–16, July 24.
Vinyl chloride-alkoxymethoxyalkyl vinyl ether copolymer. E. K. Ellingboe and M. J. Roedel. 2,563,459, Aug. 7.
Vinyl chloride, Making. R. J. Koll. 2,539,307, Jan. 23.
Vinyl chloride polymers, Haze resistant. W. E. Leistner, A. C. Hecker, and O. H. Knoepke. 2,564,646, Aug. 14.
Vinyl chloride polymers plasticized with alkoxyethyl esters of (1′,2′-dicarboxyethyl)octadecenoic acid. J. Dazzi. 2,569,406, Sept. 25.
Vinyl chloride polymers plasticized with alkoxyethyl esters of (1′,2′-dicarboxyethyl)undecylenic acid. J. Dazzi. 2,569,407, Sept. 25.
Vinyl chloride polymers plasticized with esters of (1′,2′-dicarboxyethyl)octadecenoic acid. J. Dazzi. 2,569,404, Sept. 25.
Vinyl chloride polymers plasticized with esters of (1′,2′-dicarboxyethyl)undecylenic acid. J. Dazzi. 2,569,405, Sept. 25.
Vinyl chloride polymers plasticized with polyesters. K. W. and P. A. Small. 2,555,062, May 29.
Vinyl chloride, Producing. P. Halbig. 2,552,425, May 8.
Vinyl chloride resin plasticized with chlorinated hydrocarbons. A. Gislon and J. Quiquerez. 2,558,177, June 26.
Vinyl chloride resins plasticized with alkyl esters of sulfonyl dipropionic acid. G. L. Fraser. 2,536,498, Jan. 2.
Vinyl chloride resins plasticized with chlorinated hydrocarbons. A. Gislon and J. Quiquerez. 2,556,721, June 12.
Vinyl chloride resins plasticized with chloro phenoxy acetates. J. Dazzi. 2,559,146, July 3.
Vinyl chloride resins plasticized with phenyl esters of unsaturated fatty acids. M. A. Pollack. 2,563,485, Aug. 7.
Vinyl chloride resins, Stabilized. P. E. Marling. 2,572,571, Oct. 23.
Vinyl cyclohexene dichlorohydrins, Preparation of. O. C. W. Allenby and G. J. Harris. 2,539,341, Jan. 23.
Vinylether-tri- or tetrachloroethylene interpolymerization products and producing the same. F. Grosser. 2,547,819, Apr. 3.
Vinyl ethers, Production of. R. L. Adelman. 2,579,411, Dec. 18.
Vinyl halide resins, Plasticized. M. M. Safford. 2,539,207, Jan. 23.
Vinyl halides, Preparation of. F. L. Schouteden and R. G. Tritsmans. 2,566,146, Aug. 28.
Vinylidene chloride interpolymer as a coating for regenerated cellulose film. G. Pitzl. 2,541,167, Feb. 13.
Vinylidene chloride interpolymer as a coating for regenerated cellulose film. G. Pitzl. 2,570,478, Oct. 9.
Vinyl monomer compositions stabilized against the deleterious effects of copper and copper compounds. S. A. Moore and P. Kass. 2,566,739, Sept. 4.
Vinyl polymer compositions containing as a plasticizer an ester of a pentaerythritol hydroxyalkyl ether. C. J. Vander Valk. 2,579,219, Dec. 18.

Vinyl propargyl ether. K. C. Eberly. 2,537,643, Jan. 9.
Vinyl pyridine compounds, Production of. H. F. Kauffman, Jr. 2,556,845, June 12.
Vinyl resin article, composition, and method, Dipped. C. F. Ruebensaal and E. H. Sorg. 2,560,482, July 10.
Vinyl resin compositions, Manufacture of. J. G. Hendricks. 2,579,572, Dec. 25.
Vinyl resin plasticized with liquid copolymer of diolefin and nitrile. R. G. Newberg, O. C. Slotterbeck, and B. M. Vanderbilt. 2,552,904, May 15.
Vinyl resin sulfurized furfuraldehyde reaction products, Preparing. M. T. Harvey. 2,545,461, Mar. 20.
Vinyl resins plasticized with trimethylol propane trioctanoate. G. L. Fraser. 2,578,688, Dec. 18.
Vinyl sulfone copolymers. E. P. Irany and E. F. Landau. 2,538,100, Jan. 16.
Vinyl t-hydroxy ketones. R. S. Wilder and D. F. Herman. 2,550,745, May 1.
Violin bow. F. T. Cypher. 2,552,408, May 8.
Violin E string adjuster. G. Ulvick. 2,539,645, Jan. 30.
Violin holder and harness. M. E. Johnson. 2,576,018, Nov. 20.
Violin support. E. M. Ungh. 2,575,569, Nov. 20.
Viscometer, Rotational. A. R. Boyle. 2,572,693, Oct. 23.
Viscose cellulose acetate solution, Preparing a. R. W. Bruins and W. F. Hunter, Jr. 2,541,012, Feb. 13.
Viscose, Manufacture of. W. R. Weigham, W. J. C. Field, and F. G. Dunton. 2,578,274, Dec. 11.
Viscose, Producing. M. P. Kulp and C. D. Vandenburgh. 2,539,437, Jan. 30.
Viscose production. J. A. Calhoun, Jr., and F. C. Wedler. 2,558,037, June 26.
Viscose, Production of. D. Entwistle and W. R. Weigham. 2,542,492, Feb. 20.
Viscose products, Manufacture of. R. E. Levison and B. J. Blomberg. 2,566,457. Sept. 4.
Viscose rayon, Manufacture of. G. I. Thurmond. 2,572,217, Oct. 23.
Viscosimeter. R. Buchdahl and J. G. Curado. 2,553,844, May 22.
Viscosimeter. F. L. Gerin. 2,564,892, Aug. 21.
Viscosimeter. D. A. Hughes. 2,574,973, Nov. 13.
Viscosimeter. C. C. Steffens. 2,573,505, Oct. 30.
Viscosimeter. K. E. Wakefield. 2,563,567, Aug. 7.
Viscosity breaker and dirt remover. E. H. and E. L. Records. 2,543,378, Feb. 27.
Viscosity control in yarn sizing. J. A. Carrier. 2,557,341, June 19.
Viscosity measuring means. H. M. D. de Beaumont. 2,568,793, Sept. 25.
Viscosity meter. C. H. Fay. 2,550,052, Apr. 24.
Viscosity tester. A. G. Thomas. 2,574,359, Nov. 6.
Vise and angle sine plate. W. C. Keebler. 2,567,517, Sept. 11.
Vise and drill guide for watchmakers, Combination. T. Michael. 2,576,801, Nov. 27.
Vise, Angularly adjustable. R. J. Duffy. 2,564,566, Aug. 14.
Vise, Fly-tying. E. C. Mayhew and A. W. Round. 2,569,424, Sept. 25.
Vise, Foot-operated. G. S. Greeott. 2,561,621, July 24.
Vise for machine tools, Compact universal. C. A. Cherry. 2,573,542, Oct. 30.
Vise for sawing machines. G. F. Morrison and H. C. Frentzel. 2,546,196, Mar. 27.
Vise for straightening fenders. D. H. Ragin. 2,574,589, Nov. 13.
Vise having floating-type cam-operated jaw. T. R. Woods. 2,553,802, May 22.
Vise having jaws supportable on flat surface of machine tool by spindle adjustable and lockable in plane parallel to said surface. H. Persson. 2,552,580, May 15.
Vise having releasable nut for quickly opening or closing the jaws, Screw-actuated. A. M. Sasgen and F. P. Hopfeld. 2,546,906, Mar. 27.
Vise having sliding jaw shank clutched by bell-crank cam actuated by an oscillating eccentric, Quick-acting. P. Hartmann. 2,563,467, Aug. 7.
Vise having swivel jaw clamped to base in proportion to clamping pressure on workpiece. L. Purpura. 2,570,857, Oct. 9.
Vise, Jar. V. E. Holmen. 2,569,239, Sept. 25.
Vise, Jeweler's. F. E. Bersche. 2,571,189, Oct. 16.
Vise, Jeweler's. A. C. Stoddard. 2,576,051, Nov. 20.
Vise of the lever-and-plunger-operated sliding-jaw type, Hand. H. D. Snell. 2,566,072, Aug. 28.
Vise, Quick-acting. H. Helbig. 2,568,393, Sept. 18.
Vise, Quick-acting bench. J. A. and J. Follmer. 2,550,547, Apr. 24.
Vise, Quick action precision. H. G. Renner. 2,552,738, May 15.
Vise, Three jaw. W. M. Hamon and M. O. Pearson. 2,552,094, May 8.
Vise with separable jaw-carrying element, Rotatable bench. A. J. Teglas and L. C. Perry. 2,565,999, Aug. 28.
Visible index. S. C. Skeels. 2,579,765, Dec. 25.
Vision plotting device. L. R. Wottring. 2,567,003, Sept. 4.
Visor, Adjustable sectional sun. H. B. Hutten. 2,548,309, Apr. 10.
Visor, Adjustable windshield. H. C. Riemann. 2,544,045, Mar. 6.
Visor, Automobile. A. Greenfield. 2,561,659, July 24.
Visor for automobile windows, External. P. J. Geidl. 2,575,660, Nov. 20.
Visor for automobiles. G. J. and R. M. Zeis. 2,567,501, Sept. 11.
Visor for automobiles, Detachable. W. A. Thorne. 2,575,933, Nov. 20.
Visor for motor vehicles, Sun. R. S. Rountree and M. D. Moeller. 2,548,068, Apr. 10.
Visor for spectacles. F. S. Creighton. 2,544,221, Mar. 6.
Visor, Hood reflection. G. R. Bybee. 2,546,495, Mar. 27.
Visor, Plastic. C. I. Walker. 2,556,950, June 12.
Visor, Retractable sun. H. J. Smith. 2,570,399, Oct. 9.
Visor, Sun. R. H. Holland, and T. W. Stephenson. 2,566,523, Sept. 4.
Visor, Windshield. R. W. Lewis. 2,547,528, Apr. 3.
Visual exposure device. R. K. Kern. 2,565,079, Aug. 21.
Visual figure checking device. L. M. Peurozet. 2,542,834, Feb. 20.
Visual indicating device for vehicles. H. D. von Bredow. 2,573,127, Oct. 30.
Visual instruction device. E. H. Pierce and E. M. Schantz. 2,547,535, Apr. 3.
Vitamin-A ethers and esters, Production of. N. A. Milas. 2,577,538, Dec. 4.
Vitamin A intermediates, Preparation of. M. S. Newman. 2,555,600, June 5.
Vitamin B_{12}. E. L. Rickes and T. R. Wood. 2,563,794, Aug. 7.
Vitamin B_{12}, Producing. H. H. Hall and H. M. Tsuchiya. 2,561,364, July 24.
Vitamin B_{12} solution, Stable. A. De Rose. 2,566,123, Aug. 28.
Vitamin-enriched farinaceous material. P. G. Stecher and W. R. Jackson. 2,540,302, Feb. 6.
Vitamin preparations. A. L. Caldwell. 2,562,840, July 31.
Vitamin preparations, Enteric. H. H. Bogin. 2,553,544, May 22.
Vitamin Products and obtaining the same. J. J. Pfiffner. 2,545,304, Mar. 13.
Vitaminaceous oil containing powders and the preparation thereof. S. D. Upham and C. C. Reed. 2,571,797, Oct. 16.
Vitreous bonded diamond abrasive product and making same. H. Whittaker and P. L. Kuzmick. 2,555,174, May 29.
Vitreous enamel base stock, vitreous enameled articles and method. A. E. Chester and I. H. Schram, Jr. 2,569,453, Oct. 2.
Vitreous enamel slip compositions and preparing. W. R. Beatty and O. A. Short. 2,556,896, June 12.
Vitreous material and making. F. L. Michael. 2,566,902, Sept. 4.
Voice device for drinking-wetting dolls. L. J. Rashleigh and O. B. Crowell. 2,538,845, Jan. 23.
Voice mechanism, Doll. D. Cohn and C. Kusold. 2,558,237, June 26.
Voice-operated system. K. H. Davis and R. K. Potter. 2,575,909, Nov. 20.
Volatile fumigant pad. F. H. Mayer. 2,542,341, Feb. 20.
Volatilizable metals, Continuous production of. R. Fouquet. 2,559,419, July 3.
Volatilizing apparatus. H. L. Levin. 2,537,357, Jan. 9.
Volt control for alternating current welding machines. L. S. Mansperger. 2,565,181, Aug. 21.
Voltage attenuator. W. R. Hewlett. 2,539,352, Jan. 23.
Voltage clamping circuit. C. W. Sherwin. 2,578,268, Dec. 11.
Voltage control system utilizing frequency modulation. R. F. Wild. 2,569,791, Oct. 2.
Voltage converter system. R. M. Page. 2,541,093, Feb. 13.
Voltage dividing circuit. J. W. Gray. 2,560,170, July 10.
Voltage divider for variable magnification electron microscopes. H. Bruck. 2,568,112, Sept. 18.
Voltage gate limiter. C. E. Ingalls. 2,573,446, Oct. 30.
Voltage modulated marking fluid deposition device. D. D. White, F. R. Osborn, and S. Reich. 2,572,549, Oct. 23.
Voltage multiplier. A. C. van Dorsten. 2,549,995, Apr. 24.
Voltage power supply, Amplifier bias. C. Martinez. 2,549,833, Apr. 24.
Voltage rectifier circuit. H. W. Lord. 2,553,323, May 15.
Voltage reference tube. G. G. Carne. 2,556,254, June 12.
Voltage regulating control and apparatus. W. C. Sealey. 2,560,002, July 10.
Voltage regulating system. O. D. Grandstaff. 2,560,284, July 10.
Voltage regulator. E. Engelman. 2,549,782, Apr. 24.
Voltage regulator. J. C. Frommer. 2,567,880, Sept. 11.
Voltage regulator. T. M. Gluyas, Jr. 2,579,816, Dec. 25.
Voltage regulator. R. B. Hussey. 2,556,371, June 12.
Voltage regulator. M. Ker. 2,541,820, Feb. 13.
Voltage regulator. W. M. McLain. 2,551,687, May 8.
Voltage regulator. J. A. Potter. 2,563,486, Aug. 7.
Voltage regulator. E. M. Sorensen. 2,569,500, Oct. 2.
Voltage regulator. P. M. G. Toulon. 2,555,015, May 29.
Voltage regulator. S. Wald and T. E. Dunn. 2,578,385, Dec. 11.
Voltage sampling and electron beam holding arrangement. S. Kuchinsky. 2,564,908, Aug. 21.
Voltage selector, Variable. R. M. M. Oberman. 2,543,050, Feb. 27.
Voltage stabilizer. O. Billing. 2,573,388, Oct. 30.

Voltage stabilizing system and tube. S. C. Brown. 2,576,100, Nov. 27.
Voltage supply, Radio frequency. R. C. Dye. 2,543,902, Mar. 6.
Voltage system, Adjustable reference. R. R. Thatcher. 2,546,799, Mar. 27.
Voltage system, Filament-plate. A. O. C. Nier. 2,544,716, Mar. 13.
Voltage variator control. H. E. Carson. 2,559,277, July 3.
Voltaic cell. D. E. Sargent. 2,554,447, May 22.
Voltmeter, Electrostatically controlled diode. B. T. Carniol. 2,561,180, July 17.
Voltmeter, Expanded scale. N. P. Millar. 2,578,441, Dec. 11.
Voltmeter, Expanded scale root mean square type. A. Bunblasky. 2,575,996, Nov. 20.
Voltmeter, Linear vacuum tube. W. B. Smith. 2,558,108, June 26.
Voltmeter, Peak reading vacuum tube. H. H. Arnold. 2,565,542, Aug. 28.
Voltmeter, Recording. R. E. Shrader. 2,560,256, July 10.
Voltmeter, Transient peak. C. M. Ryerson, M. H. Aronson, and L. W. Erath. 2,547,978, Apr. 10.
Voltmeter with a logarithmic scale, Amplifying. J. Selz and A. de Leudeville. 2,575,073, Nov. 13.
Volume and temperature controlled faucet. L. T. Reeves, Jr. 2,572,661, Oct. 23.
Volume compression system. C. P. Ross. 2,558,002, June 26.
Volume control, Automatic. H. W. Augustadt. 2,575,990, Nov. 20.
Volume control, Automatic. T. A. Read and H. I. Fusfeld. 2,552,586, May 15.
Volume control for program circuits. G. K. Graham. 2,554,458, May 22.
Volume control system, Audio automatic. H. A. Du Bois. 2,547,903, Apr. 3.
Volume control system, Automatic. T. M. Ferrill, Jr. 2,538,772, Jan. 23.
Volume control, Tone compensated. W. B. Shirk. 2,557,318, June 19.
Volume expander with timing control. J. H. Hammond, Jr. 2,580,020, Dec. 25.
Volume expansion system for audio and like amplifiers. E. P. Rudkin. 2,576,145, Nov. 27.
Volumetric fluid measuring. L. F. Jones. 2,576,512, Nov. 27.
Vortex gun. J. M. Novak. 2,545,893, Mar. 20.
Vortical flame gas burner. H. G. Mueller. 2,565,039, Aug. 21.
Voting machine. A. N. Gustavson. 2,561,272, July 17.
Voting machine. G. D. Rathbun. 2,563,273, Aug. 7.
Voting machine. S. C. Young. 2,550,950, May 1.
Voting machine to facilitate straight ticket voting. R. F. Shoup. 2,541,553, Feb. 13.
Voting machine with mechanism for cumulative voting. R. F. Shoup. 2,541,552, Feb. 13.
Vulcanizable rubber mixes and vulcanized rubber products made therefrom. J. Augustin. 2,571,100, Oct. 16.
Vulcanization controlling process. G. M. Massie. 2,561,524, July 24.
Vulcanization last. J. Mašek. 2,569,725, Oct. 2.
Vulcanization of butadiene copolymer rubbers. B. M. Sturgis and A. A. Baum. 2,567,135, Sept. 4.
Vulcanization of chloroprene polymers. A. A. Baum. 2,544,746, Mar. 13.
Vulcanization of polymerized acrylic esters. J. E. Hansen and T. J. Dietz. 2,579,492, Dec. 25.
Vulcanization of rubber. B. C. Barton. 2,546,083, Mar. 20.
Vulcanization of synthetic rubbers with boron hydrides. D. T. Hurd and M. M. Safford. 2,558,559, June 26.
Vulcanized polymer and making the same. W. T. Walton. 2,563,142, Aug. 7.
Vulcanizing "Butyl" rubber. A. O. Franz. 2,550,342, Apr. 24.
Vulcanizing "chloroprene" rubber. A. O. Franz. 2,554,181, May 22.
Vulcanizing clamp. R. K. Boyer. 2,536,717, Jan. 2.
Vulcanizing "GR-S" rubber. A. O. Franz. 2,554,182, May 22.
Vulcanizing rubber and product thereof. W. M. Morgan. 2,564,788, Aug. 21.
Vulcanizing rubber and product thereof. W. M. Morgan. 2,567,853, Sept. 11.
Vulcanizing the rubber covering of conductors, Method and apparatus for continuously. W. T. Peirce. 2,553,938, May 22.
Vulnerability valve. H. E. Rose. 2,574,416, Nov. 6.
Waffle iron. A. M. Young. 2,556,892, June 12.
Wagon and sled, Combination. J. Hyde. 2,544,163, Mar. 6.
Wagon and trailer hitch. G. E. Purdy. 2,539,972, Jan. 30.
Wagon and truck body seat. M. E. Stone. 2,568,832, Sept. 25.
Wagon, Automotive dump. R. G. Le Tourneau. 2,561,211, July 17.
Wagon box. E. F. Zuber. 2,573,293, Oct. 30.
Wagon box lift. L. McKendrey. 2,573,478, Oct. 30.
Wagon, Coaster. W. H. Rockman. 2,542,433, Feb. 20.
Wagon, Collapsible. H. D. East. 2,563,995, Aug. 14.
Wagon construction. A. R. Cunningham. 2,541,210, Feb. 13.
Wagon, Dump. G. I. Clark. 2,573,184, Oct. 30.
Wagon, Dump. R. O. Dixson. 2,539,731, Jan. 30.
Wagon, Dump. C. R. Golay. 2,555,406, June 5.
Wagon for transporting heavy articles, Handy. R. M. Singer. 2,575,846, Nov. 20.
Wagon unloader and elevator power drive mechanism. W. R. Peterson. 2,555,558, June 5.
Waist and fly closure construction. G. W. Rosenberg. 2,563,190, Aug. 7.
Waist and waistband construction of trousers and the like. H. B. Smith. 2,548,402, Apr. 10.
Waistband, Adjustable. C. E. M. Lembo. 2,544,333, Mar. 6.
Waistband construction. B. Navasky. 2,560,363, July 10.
Waistband construction, Trouser. I. I. Levine. 2,549,693, Apr. 17.
Waistband for pleated trousers, Adjustable. L. F. Grue. 2,569,853, Oct. 2.
Waistband structure. S. F. Stein. 2,538,631, Jan. 16.
Walker. E. E. Doerschler. Re. 23,348, Mar. 27.
Walker, Baby. D. G. Nichol. 2,565,257, Aug. 21.
Walker, Baby. A. J. Petrie. 2,538,324, Jan. 16.
Walking aid. J. C. Kuhnen. 2,538,838, Jan. 23.
Walking and balancing device, Baby. J. Spiteri. 2,545,009, Mar. 13.
Wall and partition construction. L. G. Tomlinson. 2,540,305, Feb. 6.
Wall and room, Insulated. E. Berner. 2,560,269, July 10.
Wallboard from lignocellulosic material, Manufacture of. W. R. Smith and D. F. Othmer. 2,537,101, Jan. 9.
Wallboard, Making. T. P. Camp. 2,537,509, Jan. 9.
Wallboard, Production of gypsum. M. M. Powers and C. J. Loechl. 2,573,355, Oct. 30.
Wall bracket. J. A. Post. 2,542,941, Feb. 20.
Wall bracket for radiators. B. I. Downs. 2,578,993, Dec. 18.
Wall cabinet. E. L. Gist. 2,553,965, May 22.
Wall cabinet. R. B. Reid. 2,575,530, Nov. 20.
Wall cleaning plug. J. E. Hall. 2,567,475, Sept. 11.
Wall construction, Building. P. Satterlee. 2,552,346, May 8.
Wall construction, Furnace. E. C. Witzke. 2,552,830, May 15.
Wall construction panel. J. Sylvan. 2,578,614, Dec. 11.
Wall construction, Supporting. R. M. F. A. Marry. 2,539,850, Jan. 30.
Wall construction, Suspended. H. W. Weber. 2,551,518, May 1.
Wall container with removable inner receptacle, Spaced. E. K. Clark. 2,571,111, Oct. 16.
Wall covering. J. van Hulst. 2,559,051, July 3.
Wall finish grooving tool. E. J. Bucsko and V. T. Wedrite. 2,561,336, July 24.
Wall fixture. M. J. Zimmer. 2,572,797, Oct. 23.
Wall fixture having a universally mounted lamp, Electric. O. Lundquist. 2,554,258, May 22.
Wall for firebox grates, Divider. R. K. Clauss. 2,556,750, June 12.
Wall, Furnace. G. P. Reintjes. 2,570,073, Oct. 2.
Wall hanger. H. W. West. 2,559,099, July 3.
Wall, Keyed building block. W. H. Ellis. 2,552,712, May 15.
Wall panel, Adjustable. C. K. Brandstrom. 2,538,233, Jan. 16.
Wall panel securing means. J. H. Van Uum, B. Emming, and C. W. Lohr. 2,562,754, July 31.
Wallpaper machine. W. C. Renne. 2,556,600, June 12.
Wall plug. G. M. Scott. 2,573,498, Oct. 30.
Wall protector. N. Silberman. 2,563,078, Aug. 7.
Wall receptacle. N. A. Matter. 2,576,303, Nov. 27.
Wall structure. R. W. Anderson. 2,546,290, Mar. 27.
Wall structure. W. A. Mayes. 2,569,896, Oct. 2.
Wall structure for dry seal gas-holders, Ventilated. J. H. Wiggins. 2,579,891, Dec. 25.
Wall structure, Furnace. H. W. Weber. 2,553,393, May 15.
Wall structure of building blocks. J. B. Boyd. 2,546,356, Mar. 27.
Wall switch plate, Electrically lighted. T. L. Wheeler, Jr. 2,580,056, Dec. 25.
Wall tile, Material simulating ceramic. E. Eger. 2,537,520, Jan. 9.
Wall type heater. N. E. Blazer. 2,552,837, May 15.
Wall with ring interlock, Reinforced. R. G. Stead. 2,537,715, Jan. 9.
Wallet construction, Stitchless. F. A. Brady. 2,578,502, Dec. 11.
Wallet device with money holding clip. S. J. Smallman. 2,575,030, Nov. 13.
Wallet protector. E. W. Du Fault. 2,574,023, Nov. 6.
Walnut cracker. H. D. Dale. 2,571,214, Oct. 16.
War game apparatus. C. W. Hall. 2,575,269, Nov. 13.
Wardrobe, Collapsible. I. Blechman. 2,579,897, Dec. 25.
Ware drying apparatus. C. H. Parmelle. 2,573,217, Oct. 30.
Warm-air heating system utilizing as the fuel a combustible gas. C. D. MacCracken. 2,579,507, Dec. 25.
Warm air radiant heated brooder system. V. A. Ream. 2,560,246, July 10.
Warmer, Bottle. R. R. Fisher. 2,536,596, Jan. 2.
Warmer, Food. J. MacGregor. 2,546,104, Mar. 20.

Warmer, Popcorn. R. N. Tamsen. 2,575,643, Nov. 20.
Warming and sterilizing device, Bottle. D. H. Boisblanc. 2,537,439, Jan. 9.
Warming table. A. S. Levin. 2,563,253, Aug. 7.
Warning device for automobiles, etc., Ignition key. L. Dorfman. 2,536,918, Jan. 2.
Warning device for motion-picture projectors. C. R. Wilson. 2,555,949, June 5.
Warning light apparatus. J. D. Kennelly. 2,571,895, Oct. 16.
Warning system for railways, Workman's. P. Addorisio. 2,542,104, Feb. 20.
Warp beam. E. K. Bauer. 2,572,905, Oct. 30.
Warp beam. W. Grob. 2,563,036, Aug. 7.
Warp beam and harness frame transporting truck. N. W. Eurey. 2,579,730, Dec. 25.
Warp beam collar. T. Rovas. 2,578,018, Dec. 11.
Warp beam for looms. C. P. Bergstrom. 2,554;891, May 29.
Warp beam for looms. C. P. Bergstrom and R. S. Schedin. 2,563,001, Aug. 7
Warp beam for looms. W. A. Blanchard. 2,554,085, May 22.
Warp beam lifting mechanism. E. A. Kiessling, F. G. Lake, and F. Stephensen. 2,575,451, Nov. 20.
Warp beam stopping mechanism. E. K. Bauer. 2,546,141, Mar. 27.
Warp dye beam. H. V. Lang. 2,548,899, Apr. 17.
Warp letoff mechanism. G. E. Clentimack. 2,539,295–6, Jan. 23.
Warp stop mechanism for looms. A. R. Meadors, Jr., R. J. Irwin, and S. L. Huffman. 2,556,332, June 12.
Warp tension set mark eliminator. G. F. Bahan. 2,556,055, June 5.
Warping a beam, Method and apparatus for. T. Rovas. 2,578,017, Dec. 11.
Warping mill. P. Florjancic. 2,561,919, July 24.
Washbasin for use in automobiles. P. W. Bailey. 2,547,613, Apr. 3.
Washbasin mounting. J. W. Patton and C. W. Holland, Jr. 2,564,923, Aug. 21.
Washcloth. J. F. Reiter. 2,544,354, Mar. 6.
Wash rag structure constructed to contain soap. F. West. 2,574,854, Nov. 13.
Washroom arrangement for railroad cars. M. Watter. 2,548,851, Apr. 10.

Washer: *See*—

Airplane washer.
Automatic window washer.
Automobile and window washer.
Baby mouth washer.
Can washer.
Car washer.
Combined clothes and dish washer.
Cranberry washer.
Egg washer.
Flotation washer.
Gas washer.
Glass washer.
Golf ball washer.
Lock washer.
Mechanical car washer.
Metal-edge filter stack washer.
Photographic print washer.
Photoprint washer.
Preassembled nut and lock washer.
Rotary can washer.
Water glass and cup washer.
Windshield washer.

Washer and centrifugal drier. J. W. Chamberlin. 2,538,667, Jan. 16.
Washer and extractor, Combined. G. I. Cockerill and R. L. Archbold. 2,574,170, Nov. 6.
Washer and settler for gases. M. L. Cover. 2,539,992, Jan. 30.
Washer-capscrew combination. F. H. Erdman. 2,552,004, May 8.
Washer for articles or the like. J. J. Palotsee. 2,564,443, Aug. 14.
Washer for cloth-covered rollers. R. H. Mort. 2,542,205, Feb. 20.
Washer for rail spikes, Resilient. A. C. Fulton. 2,557,271, June 19.
Washer with rotating disks, Mechanical egg. F. B. Wright. 2,566,475, Sept. 4.
Washing acidified finely divided solids. R. W. McAllister, Jr. 2,537,904, Jan. 9.
Washing and drying apparatus, Textile. J. W. Chamberlin. 2,555,268, May 29.
Washing and drying machine. C. O. Rasmussen. 2,574,798, Nov. 13.
Washing and drying machine, Rotary. A. Traube. 2,556,303, June 12.
Washing and sterilizing machine, Automatic glass. J. A. Negri. 2,561,631, July 24.
Washing and stripping machine, Cabbage. R. C. Irons. 2,548,798, Apr. 10.
Washing apparatus. L. M. Kahn. 2,540,168, Feb. 6.
Washing apparatus. L. G. Simms. 2,538,850, Jan. 23.
Washing apparatus, Car. J. F. Wilcox. 2,558,472, June 26.
Washing apparatus for automobiles and the like. K. Yamashiro. 2,548,331, Apr. 10.
Washing appliance and control system therefor, Automatic. P. E. Geldhof and L. Ringer. 2,540,723, Feb. 6.
Washing butyl reactors with isobutylene. L. R. Gould and G. G. Wanless. 2,580,019, Dec. 25.
Washing by intermittent high and low speed rotation. J. W. Chamberlin. 2,556,490, June 12.
Washing device, Anchor chain. D. J. Marinch. 2,546,862, Mar. 27.
Washing liquid and drying air-heating means for dishwashers. J. N. Allensworth. 2,564,798, Aug. 21.
Washing machine. J. Barnes. 2,575,039, Nov. 13.
Washing machine. G. D. Bryant. 2,574,617, Nov. 13.
Washing machine. C. F. Diether. 2,540,717, Feb. 6.
Washing machine. J. A. Dolan. 2,570,529, Oct. 9.
Washing machine. P. W. Douglas. 2,575,335, Nov. 20.
Washing machine. G. W. Dunham. 2,561,186, July 17.
Washing machine. G. W. Dunham. 2,579,310, Dec. 18.
Washing machine. J. J. Geiger. 2,565,604, Aug. 28.
Washing machine. O. Holm-Hansen. 2,538,246, Jan. 16.
Washing machine. L. Kopito. 2,540,893, Feb. 6.
Washing machine. J. B. Macgregor. 2,552,197, May 8.
Washing machine and disappearing wringer, Cabinet. D. A. Lundy. 2,537,935, Jan. 9.
Washing machine and drier, Combination automatic. C. B. Hatfield. 2,553,581, May 22.
Washing machine attachment. A. H. Schmidtke. 2,579,761, Dec. 25.
Washing machine, Bottle. A. E. Ladewig. 2,551,140, May 1.
Washing machine control system. W. F. Oliver. 2,563,738, Aug. 7.
Washing machine, Disappearing wringer. G. M. Gibson. Re. 23,441, Dec. 18.
Washing machine, Egg. G. W. Johnson. 2,555,193, May 29.
Washing machine, Egg. R. H. Ruzsicska. 2,538,331, Jan. 16.
Washing machine for Venetian blinds. E. E. Dyson. 2,538,865, Jan. 23.
Washing machine, Hand-operated. A. H. Rowlett. 2,547,543, Apr. 3.
Washing machine having air agitation. R. G. Schaaf, Jr. 2,536,517, Jan. 2.
Washing machine of the cylindrical container, end discharge type. H. Miller. 2,575,673, Nov. 20.
Washing machine of the spin dry type. G. W. Dunham. 2,579,309, Dec. 18.
Washing machine, Rotary. C. F. Egerton. 2,549,677, Apr. 17.
Washing machine supporting carriage. A. R. Oberwegner. 2,559,028, July 3.
Washing machine with gyratory washing action. J. G. De Remer. 2,555,400, June 5.
Washing system, Filter. H. H. Marsh and G. G. Short. 2,547,277, Apr. 3.
Waste container. R. H. Morrison and J. E. Badgley. 2,554,048, May 22.
Waste disposal apparatus. J. H. Ashbaugh and E. R. Wolfert. 2,544,745, Mar. 13.
Waste disposal apparatus. J. H. Powers. 2,566,069, Aug. 28.
Waste disposal apparatus. J. H. Powers. 2,577,152, Dec. 4.
Waste disposal device for aircraft. E. O. Collison and C. B. Gathercole. 2,565,720, Aug. 28.
Waste-disposal system. H. Moore. 2,563,262, Aug. 7.
Waste disposal unit, Kitchen. H. H. Miller. 2,573,213, Oct. 30.
Waste flow control. E. W. N. Boosey. 2,575,905, Nov. 20.
Waste gas burner. H. Rodman and B. M. Becker. 2,537,091, Jan. 9.
Waste heat or surplus heat boiler. W. Y. Lewis. 2,555,043, May 29.
Waste material consuming structure. H. W. Sharpe. 2,563,137, Aug. 7.
Waste or garbage disposal apparatus. A. T. Keene. 2,560,578, July 17.
Waste receiver. C. J. Beyer. 2,553,232, May 15.
Watch, Alarm. R. Ditisheim. 2,568,795, Sept. 25.
Watch band attachment. E. Wallin. 2,559,238, July 3.
Watch band, Expansive wrist. D. P. Smith. 2,558,007, June 26.
Watch band, Reinforced wrist. B. G. Pedersen. 2,573,055, Oct. 30.
Watch band terminal. A. Pinson. 2,576,695, Nov. 27.
Watch bracelet. C. L. Matson. 2,542,284, Feb. 20.
Watchcase, Pendant. A. Gates. 2,557,273, June 19.
Watchcase, Polygonal. W. Schmitz. 2,547,499, Apr. 3.
Watchcase, Waterproof. H. J. O'Neill. 2,547,090, Apr. 3.
Watchcase, Waterproof. E. K. Schwaibold. 2,553,012, May 15.
Watchcase, Waterproof quadrilateral. W. Schmitz. 2,565,396, Aug. 21.
Watchcase with locking means. J. Simon. 2,569,619, Oct. 2.
Watchcase wrench. C. Muehlbauer. 2,541,431, Feb. 13.
Watch casing. L. M. Newhouse. 2,566,741, Sept. 4.
Watch crown, Dust inhibiting. J. Waldman. 2,557,525, June 19.
Watch dial and hands. D. A. McMillen. 2,564,270, Aug. 14.
Watch, Electric. A. E. Fillinger. 2,577,703, Dec. 4.
Watch holder. W. H. Adams. 2,540,501, Feb. 6.
Watch holding device for belts. H. W. Tschirf. 2,551,515, May 1.
Watch mounted article. A. Peter and J. Kainen. 2,576,476, Nov. 27.

Watch movement center second hand drive. F. Meyer. 2,574,343, Nov. 6.
Watch movement holder. C. D. Acrea. 2,571,176, Oct. 16.
Watch or clock movement. F. L. Ziebart. 2,575,437, Nov. 20.
Watch protector. W. R. Holder. 2,553,089, May 15.
Watch repairman's work holder. C. and J. Mongelli. 2,549,325, Apr. 17.
Water aerating device. H. Bachli and H. S. Shapiro. 2,541,854, Feb. 13.
Water and detergent mixer. R. E. Weber. 2,540,064, Jan. 30.
Water bag holder. O. H. Kilgore. 2,572,353, Oct. 23.
Water chlorinator, Automatic. M. I. Pontones. 2,556,396, June 12.
Water-cock applicable to sinks, fountains, and the like. D. R. D. M. Vittorio. 2,551,072, May 1.
Water conditioner. C. H. Bereman. 2,554,772, May 29.
Water-cooled fluid fuel burner. F. D. Hoffert. 2,542,029, Feb. 20.
Water-cooled furnace door. E. E. Brown and E. Miller. 2,577,736, Dec. 11.
Water-cooled furnace door. E. W. Pottmeyer. 2,547,229, Apr. 3.
Water correction device, Electrolytic. E. M. Butler. 2,540,074, Feb. 6.
Watercraft. H. Sundstedt. 2,564,587, Aug. 14.
Watercraft adapted to be supported by hydrovanes when in motion. E. Bussei. 2,550,220, Apr. 24.
Water cycle. F. Shelverton. 2,544,240, Mar. 6.
Water-dispersible combination products of gossypol and carbohydrates. A. M. Altschul and L. E. Castillon. 2,563,808, Aug. 14.
Water distributing device for mixers. G. Jaeger. 2,563,337, Aug. 7.
Water distributor, Rotary. B. H. Kooken. 2,565,818, Aug. 28.
Water filling apparatus. O. M. Anderson. 2,561,836, July 24.
Water filter. H. B. Lewis and G. M. Larson. 2,554,748, May 29.
Water filter. D. H. Quinn. 2,566,371, Sept. 4.
Water filtering and sediment removing device. A. Gazda. 2,580,012, Dec. 25.
Water gas, Manufacture of. C. F. Ramseyer. 2,552,866, May 15.
Water gas, Manufacture of carbureted. S. P. Cauley. 2,539,118–19, Jan. 23.
Water gas or gas consisting largely of carbon monoxide and hydrogen, Manufacture of. N. H. Williams. 2,556,019, June 5.
Water glass and cup washer. G. E. and B. E. Sandell. 2,556,003, June 5.
Water heater. C. R. Bernstrom, 2,566,976, Sept. 4.
Water heater. V. L. Kilgore. 2,560,768, July 17.
Water heater. J. H. Knapp. 2,544,927, Mar. 13.
Water heater. M. Levine. 2,554,338, May 22.
Water heater. A. W. Lundstrum. 2,558,971, July 3.
Water heater. E. Wenger. 2,557,712, June 19.
Water heater for beverages, Automatic. E. P. Van Sciver. 2,568,474, Sept. 18.
Water-heating apparatus and control circuit for use in a beverage brewing system. H. W. Peters. 2,561,134, July 17.
Water-in-oil type emulsions. G. B. Heijmer. 2,567,433, Sept. 11.
Water injection apparatus. R. C. Palmer, Jr. 2,553,145, May 15.
Water inlet structure for washing machines. A. L. Briggs. 2,552,398, May 8.
Water insoluble carboxylic acid soap-heavy metal salt of hydroxy quinoline fungicidal composition and preparation thereof. V. N. Kalberg. 2,561,380, July 24.
Water level and temperature control system for washing machines. J. Neuroth and J. C. Smith. 2,570,148, Oct. 2.
Water level control device. C. A. Tea. 2,552,823, May 15.
Water level control means for automatic washing machine. C. J. Mahowald. 2,561,213, July 17.
Water meter. A. B. Lindley and A. V. Hemmens. 2,566,220, Aug. 28.
Water motor. M. D. Squiers. 2,546,240, Mar. 27.
Water pipe repairing equipment. T. N. Young and E. G. B. Gledhill. 2,572,555, Oct. 23.
Water pistol with mechanism which discharges a succession of water shots. W. C. Casson. 2,573,954, Nov. 6.
Waterproof fastener. H. G. Morner and E. J. Fredsell. 2,567,298, Sept. 11.
Waterproof membrane for floor coverings. C. T. Denton. 2,556,071, June 5.
Waterproofing and flameproofing paper. E. H. Voigtman and J. C. Bletzinger. 2,553,154, May 15.
Waterproofing composition, Wood. D. D. Pew. 2,549,127, Apr. 17.
Waterproofing device, Microphone. W. D. Cragg and M. L. Gayford. 2,556,168, June 12.
Waterproofing of fibrous products. J. C. Harris. 2,537,667, Jan. 9.
Waterproofing paper textile fabrics. J. J. Petroske. 2,536,656, Jan. 2.
Water pump. J. M. Baldwin. 2,568,842, Sept. 25.
Water pump. H. A. Chubbuck. 2,542,902, Feb. 20.
Water pump cap-screw remover. P. H. Bossen. 2,568,788, Sept. 25.
Water purification process. H. E. Hudson, Jr. 2,555,970, June 5.
Water, reducible 1,1-bis(p-chlorophenyl) 2,2,2 trichloroethane pest control compositions stabilized with methyl cellulose. R. G. Smith. 2,556,888, June 12.
Water remover and air concentrator for refrigerating systems. J. R. Zwickl. 2,577,598, Dec 4.
Water-repellent composition stabilized with a tertiary heterocyclic aromatic amine. L. Q. Green. 2,557,653, June 19.
Water repellent compositions for textiles. E. Abrams. 2,547,728, Apr. 3.
Water-repellent ink transfer surface. F. H. Frost. 2,562,782, July 31.
Water-resistant greases. W. H. Peterson. 2,573,650, Oct. 30.
Water resistant porous medium. L. R. Shardlow. 2,541,838, Feb. 13.
Water runoff control construction. B. E. Sievert. 2,572,208, Oct. 23.
Water separator. R. W. Swank. 2,548,568, Apr. 10.
Water service apparatus. J. T. McGarry. 2,552,729, May 15.
Water service apparatus. J. T. McGarry. 2,578,143, Dec. 11.
Water softener. C. P. West. 2,554,163, May 22.
Water softener and regenerating same, Service or rental type. J. E. Welsh. 2,572,082, Oct. 23.
Water softener valve. D. A. Brown. 2,542,391, Feb. 20.
Water softening apparatus and system. H. C. Fischer. 2,545,425, Mar. 13.
Water softening system and apparatus. L. E. Albertson. 2,571,000, Oct. 9.
Water-soluble sulfonamides. G. M. Sieger, Jr. 2,566,038, Aug. 28.
Water-soluble sulfur-containing organic mercury compounds having diuretic properties and preparing same. R. A. Lehman. 2,576,349, Nov. 27.
Water-soluble tetracene dyestuffs and dyeing employing them. C. Marschalk and J. P. Niederhauser. 2,560,462, July 10.
Water spot prevention in photographic film. R. W. Henn and J. I. Crabtree. 2,556,540, June 12.
Water supply means for steam iron steam generators. F. E. Finlayson. 2,557,732, June 19.
Water supply system. R. W. Newton. 2,552,493, May 8.
Water tank for concrete mixers. G. W. Cronk. 2,578,000, Dec. 11.
Water tempering and measuring system. A. Emerson, Jr., and F. L. A. Schmidt. 2,550,050, Apr. 24.
Watertight cigarette and match case. E. Clampitt. 2,537,332, Jan. 9.
Watertight slide fastener. H. L. Williams. 2,557,163, June 19.
Water tower forming, flexible hose section. F. G. Campbell. 2,554,894, May 29.
Water treating apparatus. S. L. Tolman. 2,556,014, June 5.
Water treating apparatus and method. J. D. Walker and J. R. Sperry. 2,573,941, Nov. 6.
Water treating composition. J. W. Lefforge. 2,575,176–9, Nov. 13.
Water treatment. L. W. Petersen. 2,565,321, Aug. 21.
Water tube boiler. L. J. Peters. 2,537,698, Jan. 9.
Water tube steam generator. R. S. Cox. 2,567,695, Sept. 11.
Water unloader, Automatic. W. M. Lansdale and C. R. Buchet. 2,537,224, Jan. 9.
Water well cap. D. G. Read. 2,562,946, Aug. 7.
Waterer, Stock. J. V. Brosamer. 2,540,507, Feb. 6.
Watering device. V. H. Pruitt. Re. 23,447, Dec. 25.
Watering system for agricultural, horticultural, and such like purposes. R. W. Newton. 2,545,745, Mar. 20.
Wattmeter for wave guides, Microwave. R. A. Howard. 2,576,344, Nov. 27.
Wave and tide power plant. C. G. Haskell. 2,577,325, Dec. 4.
Wave energy apparatus. R. Lee. 2,560,728, July 17.
Wave filter. G. H. Lovell. 2,547,133, Apr. 3.
Wave filter. W. W. Mumford. 2,541,375, Feb. 13.
Wave focusing device, Radio. H. Iams. 2,566,703, Sept. 4.
Wave-form generator. B. C. Fleming-Williams. 2,552,949, May 15.
Wave generating system. O. H. Schade. 2,540,692, Feb. 6.
Wave guide. P. B. King, Jr. 2,574,790, Nov. 13.
Wave guide attenuator. W. A. Joerndt. 2,570,814, Oct. 9.
Wave guide attenuator. W. A. Joerndt and R. W. Larson. 2,570,813, Oct. 9.
Wave guide attenuator apparatus. E. T. Jaynes. 2,557,110, June 19.
Wave guide clip. C. Sobel and R. G. De Giovine. 2,548,404, Apr. 10.
Wave guide coupling. C. E. McClellan. 2,561,130, July 17.
Wave guide filter. M. D. Fiske. 2,577,118, Dec. 4.
Wave guide for line stretching, Squeezable. M. W. P. Strandberg. 2,543,425, Feb. 27.
Wave guide mixer. R. V. Pound. 2,567,825, Sept. 11.
Wave guide modulation apparatus. F. A. Jenks. 2,576,943, Dec. 4.

Wave guide regulator. R. G. Garfitt. 2,553,649, May 22.
Wave-guide structure, Multiresonant. W. D. Lewis. 2,548,672, Apr. 10.
Wave guide switching arrangement. C. C. Cutler. 2,563,990, Aug. 14.
Wave guide system. G. C. Southworth. 2,540,839, Feb. 6.
Wave guide T bridge detecting apparatus. R. V. Pound. 2,577,540, Dec. 4.
Wave guide with electrical end termination. J. A. Rado. 2,557,686, June 19.
Waveguide with spaced conducting sections and making the same, Flexible. D. Ingalls. 2,556,187, June 12.
Wave inverter. D. L. Hings. 2,545,232, Mar. 13.
Wave length modulation. G. Hepp. 2,541,650, Feb. 13.
Wave length modulation. G. Hepp. 2,569,309, Sept. 25.
Wavemeter. A. H. Taylor. 2,537,104, Jan. 9.
Wavemeter, High-frequency. J. E. Wolfe. 2,572,232, Oct. 23.
Wave repeater, Ultra-short. H. Chireix. 2,544,255, Mar. 6.
Wave shaper for radio signaling. J. Shapiro and L. Norde. 2,552,348, May 8.
Wave-signal communication system. A. V. Loughren. 2,574,271, Nov. 6.
Wave-signal directional coupler. H. A. Wheeler. 2,575,571, Nov. 20.
Wave-signal receiver. B. D. Loughlin. 2,577,781, Dec. 11.
Wave-signal receiver, Superregenerative. H. Wood. 2,552,914, May 15.
Wave-signal responder system. H. Wood. 2,576,495, Nov. 27.
Wave-signal sampling arrangement. A. V. Loughren. 2,564,578, Aug. 14.
Wave-signal transformer. B. D. Loughlin. 2,550,486, Apr. 24.
Wave-signal translating arrangement. H. A. Wheeler. 2,556,607, June 12.
Wave signaling system. A. Tykulsky. 2,576,157, Nov. 27.
Wave-train magnetometer. W. H. Brattain. 2,565,799, Aug. 28.
Wax and polymeric polyamine compositions. D. M. McQueen and J. H. Werntz. 2,566,237, Aug. 28.
Wax applicator. S. Waltz. 2,551,776, May 8.
Wax carrier and applicator for embalmers. D. R. Smith. 2,575,431, Nov. 20.
Wax-coating beans and carrots. K. H. Recker. 2,560,820, July 17.
Wax composition and making same, Shuffleboard. W. G. Young, Sr. 2,550,631, Apr. 24.
Wax composition and preparation thereof. J. J. Fish. 2,573,422, Oct. 30.
Wax composition, Self-polishing. H. P. Brush. 2,536,349, Jan. 2.
Wax compositions. D. W. Young and A. J. Morway. 2,577,643, Dec. 4.
Wax compositions and making same. R. G. Capell. 2,559,398, July 3.
Wax emulsion. K. G. Arabian. 2,560,148, July 10.
Wax paper sealer. Z. W. Gunn. 2,574,826, Nov. 13.
Wax phenol ester of substituted succinic acid and wax mineral oil compositions containing same. L. A. Mikeska. 2,562,808, July 31.
Wax, polymeric ketone, and amine compositions. J. H. Werntz. 2,566,272, Aug. 28.
Wax products and preparation thereof. J. J. Fish. 2,573,423, Oct. 30.
Wax, Stabilized paraffin. H. J. Zoeller. 2,550,438, Apr. 24.
Waxer, Floor. R. W. Bales. 2,557,214, June 19.
Waxer having liquid dispenser with valve operable from upper end of handle, Handle-mounted floor. C. R. Pollitt. 2,575,124, Nov. 13.
Waxing and polishing machine, Portable combined. M. Sears. 2,560,993, July 17.
Waxing machine, Floor. W. A. Anderson. 2,568,699, Sept. 25.
Waxing machine, Ski. M. Coulombe. 2,537,511, Jan. 9.
Waxy condensation product of alkylolamine, fatty acid, and polycarboxylic acid. D. W. Jayne, Jr. and H. M. Day. 2,552,321, May 8.
Way guard. J. M. Walter. 2,557,850, June 19.
Weak-acid isopropanol process. B. I. Smith. 2,541,673, Feb. 13.
Wear inhibitors for iron carbonyl. E. Bartholomew and H. C. Cross. 2,546,421, Mar. 27.
Wear insert for core boxes. T. E. Barlow. 2,553,627, May 22.
Wear pad. C. A. Shoults and G. G. Walker. 2,566,638, Sept. 4.
Wear plate for unit brake brackets. P. Willis. 2,553,345, May 15.
Wear resistant material and making such material. R. L. Klein. 2,537,591, Jan. 9.
Wear shoe for railroad equalizer truck frames. H. L. Miller. 2,558,709, June 26.
Wear tester. W. B. Petkewicz. 2,561,133, July 17.
Wearing apparel. G. J. Abdell. 2,555,839, June 5.
Wearing apparel and construction. E. J. Pleet. 2,573,871, Nov. 6.
Wearing apparel and making the same. W. W. Artzt. 2,575,700, Nov. 20.
Wearing apparel conveyer. B. Handler. 2,574,827, Nov. 13.
Wearing apparel, Manufacturing. A. Einstein. 2,555,962, June 5.
Wearing edge for skis. N. Bonna. 2,548,094, Apr. 10.
Weatherstrip. S. D. Bradley. 2,560,408, July 10.
Weather strip. T. J. R. Bright. 2,554,452, May 22.
Weather strip. T. J. R. Bright. 2,555,780, June 5.
Weather strip. E. J. Currie. 2,552,369, May 8.
Weather strip. E. W. Hopkins. 2,555,192, May 29.
Weather strip. H. B. Rhodes. 2,566,070, Aug. 28.
Weather strip. C. P. Schlegel. 2,574,124, Nov. 6.
Weatherstrip, Automatic. P. Webster. 2,541,451, Feb. 13.
Weather strip, Dual. F. Ressa. 2,541,287, Feb. 13.
Weather strip for doors. O. B Liebla. 2,553,461, May 15.
Weather strip for doors. J. E. Yeakel. 2,537,296, Jan. 9.
Weather strip for double glazed windows. C. R. Meek. 2,538,976, Jan. 23.
Weatherstrip means. A. Bush. 2,575,793, Nov. 20.
Weather strip structure for doors. W. T. Moten. 2,575,459, Nov. 20.
Weather strip, Vehicle window. V. A. Larsen. 2,563,252, Aug. 7.
Weather strip, Vehicle window. V. A. Larsen. 2,568,811, Sept. 25.
Weather-stripping device, Mechanical. G. Peterson. 2,565,517, Aug. 28.
Weaving device, Hand. G. A. Bellin. 2,563,510, Aug. 7.
Weaving device, Hand. H. Epstein. 2,566,657, Sept. 4.
Weaving leno fabric, Method of and apparatus for. H. J. Carragher. 2,541,745, Feb. 13.
Weaving loom. T. Hindle. 2,551,492, May 1.
Weaving loop pile fabrics. F. P. Groat. 2,573,841, Nov. 6.
Weaving mechanism for textile looms, Draw-cord. C. H. Williams. 2,536,247, Jan. 2.
Weaving pile carpets and resultant product. L. H. and J. Mackay. 2,544,338, Mar. 6.
Weaving relief designs in pile surfaces of textile fabrics, Method of and apparatus for. G. E. Schulz and H. H. Fonda. 2,555,159, May 29.
Web aligning device. P. Levine. 2,570,695, Oct. 9.
Web coating apparatus. D. A. Newman. 2,565,319, Aug. 21.
Web cutting mechanism. T. E. Piazze. 2,551,335, May 1.
Web drying system. J. R. Caulfield and M. E. Hanson. 2,554,239, May 22.
Web feed device for label cutting and folding machines, Adjustable. A. F. Bardsley and K. W. Reed. 2,541,737, Feb. 13.
Web feeding apparatus. C. W. Clutz. 2,541,013, Feb. 13.
Web festooning device. M. G. Hinnekens. 2,544,159, Mar. 6.
Web-flexing apparatus. G. S. Sillars. 2,558,788, July 3.
Web folding machine. O. L. Strauss. 2,540,844, Feb. 6.
Web handling mechanism for multicolor printing presses. A. Weiss. 2,574,002, Nov. 6.
Web-heating device. K. L. Dietrich. 2,571,425, Oct. 16.
Web registration device. H. F. McKenney and W. H. Newell. 2,576,529, Nov. 27.
Web severing apparatus. C. M. Williamson. 2,537,499, Jan. 9.
Web tensioning mechanism for printing presses. C. W. Pinckert. 2,546,372, Mar. 27.
Web winder. A. W. Husson. 2,537,588, Jan. 9.
Webbing, Elastic. P. H. Boivin. 2,558,336, June 26.
Wedge actuated C clamp. H. C. Glitsch. 2,540,781, Feb. 6.
Wedge clamp mechanism. L. Skeel. 2,547,789, Apr. 3.
Wedge lock beam connector. E. A. Bender. 2,562,483, July 31.
Wedge power mixing valve. R. E. Quillin, D. Coulter, and C. J. Callaghan. 2,561,993, July 24.
Wedging pawl type wrench. R. E. Gearhart. 2,542,323, Feb. 20.
Weed control. J. J. Donleavy. 2,544,141, Mar. 6.
Weed deflector for fishing lures. W. H. Bailey. 2,539,605, Jan. 30.
Weed killer. F. J. Lee. 2,577,687, Dec. 4.
Weeder, Furrow guide type. F. Rada. 2,538,705, Jan. 16.
Weeder, Rod. H. F. Clausen. 2,556,416, June 12.
Weeder, Rod. E. L. Shields. 2,539,037, Jan. 23.
Weeding and cultivating attachment for tractors. C. X. Hosford. 2,560,443, July 10.
Weedless bait. D. Nudell. 2,576,532, Nov. 27.
Weft controlling and cutting means for shuttleless looms. E. Belotti, 2,553,351, May 15.
Weft detector for looms. S. F. Siciliano. 2,552,498, May 8.
Weft detector, Side slipping. C. R. Kronoff. 2,557,547, June 19.
Weft detector, Side slipping. C. R. Kronoff and G. N. Peterson. 2,557,548, June 19.
Weft inserting device. R. Dewas. 2,567,993, Sept. 18.
Weft needle mechanism for Axminster looms. N. Fletcher and W. Y. Robb. 2,548,662–3, Apr. 10.
Weft tension control for loom shuttles. R. G. Turner. 2,553,221, May 15.
Weft tension for loom shuttles, Balanced. R. G. Turner. 2,545,934, Mar. 20.
Weigher, Electric. G. M. Porter. 2,568,253, Sept. 18.
Weighing and charging mechanism for transit mix trucks. C. D. Crosby. 2,571,113, Oct. 16.

Weighing and packaging apparatus. E. E. and A. W. Lippmann. 2,579,237, Dec. 18.
Weighing and packaging machine. S. M. Kobey. 2,574,486, Nov. 13.
Weighing apparatus. P. B. Richardson. 2,564,544, Aug. 14.
Weighing device, Compensating. E. O. Martinson. 2,559,308, July 3.
Weighing machine, Automatic. A. H. Gregory. 2,548,473, Apr. 10.
Weighing machine, Automatic. O. G. Mosher. 2,576,411, Nov. 27.
Weighing means for self-loading mixers, Skip. H. A. and G. H. Wagner. 2,565,792, Aug. 28.
Weighing means, Powder charge. R. C. Parker. 2,539,030, Jan. 23.
Weighing scale indicator. F. W. Gilchrist. 2,549,190, Apr. 17.
Weighing scale light switch. H. W. Hem. 2,566,198, Aug. 28.
Weighing scale poise. N. E. Hart. 2,558,135, June 26.
Weighing scale stirrup. N. E. Hart. 2,578,931, Dec. 18.
Weight and center of gravity indicator. E. R. Goodlett and H. W. Wishart. 2,559,718, July 10.
Weight-applied, solenoid released brake. L. E. Fullmer. 2,542,865, Feb. 20.
Weight assembly, Self-winding watch impulse. E. H. Wilkening. 2,551,194, May 1.
Weight-graduated wire cable. R. L. Stanton. 2,562,340, July 31.
Weight measuring apparatus. F. W. Shrader and H. W. Bigge. 2,577,691, Dec. 4.
Weight reducer, Vibratory. W. A. Rohlffs. 2,549,933, Apr. 24.
Weight sorting device. H. O., O. C., and O. Niederer. 2,579,602, Dec. 25.
Weld composition. G. E. Linnert. 2,544,336, Mar. 6.
Weld rod and coating therefor. A. L. Feild. 2,564,474, Aug. 14.
Weld rod coatings. A. T. Cape and C. V. Foerster. 2,553,132, May 15.
Weld rod, flux, and method. G. E. Linnert. 2,544,334, Mar. 6.
Welded frame structure. J. J. Grebe and W. B. Ewing. 2,570,791, Oct. 9.
Welded journal box. J. Mikulak, J. A. Sober, and E. B. Sult. 2,550,284, Apr. 24.
Welded pipe joint. H. E. Schonberg. 2,538,882, Jan. 23.
Welded rivet construction for electrical brushes and contacts. M. O. Huff and A. W. Seidler. 2,569,059, Sept. 25.
Welded steel units, Making. J. P. Zallea and J. J. Mank. 2,573,530, Oct. 30.
Welder control system. H. I. Stanback and E. G. Anger. 2,574,939, Nov. 13.
Welder, Flash. A. H. Lewis. 2,566,670, Sept. 4.
Welder, Pneumatic. H. J. Graham. 2,537,989, Jan. 16.
Welder, Small throat portable. W. G. Dow and H. C. Early. 2,556,685, June 12.
Welding. J. R. Wirt. 2,560,678, July 17.
Welding a bundle of aluminum tubes. A. L. Hitchens and F. G. Stroke. 2,577,123, Dec. 4.
Welding apparatus. S. M. Humphrey. 2,553,970, May 22.
Welding apparatus, Electrical. H. J. Graham. 2,537,990, Jan. 16.
Welding apparatus, Electrical. H. I. Morris. 2,550,710–11, May 1.
Welding bodies. O. M. Arnold. 2,575,251, Nov. 13.
Welding brake beams. L. L. Whitney. 2,550,743, May 1.
Welding current regulator. E. C. Hartwig. 2,545,998, Mar. 20.
Welding device, Plastic. R. S. Arkless. 2,556,609, June 12.
Welding device, Portable end. J. D. Crecca and W. E. Palmer. 2,568,222, Sept. 18.
Welding electrode holder construction. C. K. Wilson. 2,572,084, Oct. 23.
Welding electrode holder switch. G. Hiller. 2,538,245, Jan. 16.
Welding generator. J. M. Tyrner. 2,549,648, Apr. 17.
Welding gun. A. Muller and G. J. Gibson. 2,544,801, Mar. 13.
Welding jig for car underframes. T. G. Shipley. 2,553,947, May 22.
Welding machine. C. D. Jones. 2,545,284, Mar. 13.
Welding machine. H. Kershaw. 2,578,074, Dec. 11.
Welding machine and method, Wheel. M. M. Sciaky. 2,558,005, June 26.
Welding machine, Electric. F. G. Wikstrom. 2,537,385, Jan. 9.
Welding method. H. J. Graham. 2,553,499, May 15.
Welding method and apparatus. H. W. Woodard. 2,572,796, Oct. 23.
Welding method and product. G. E. Linnert. 2,544,335, Mar. 6.
Welding, Method of and apparatus for. I. Harter. 2,550,641, Apr. 24.
Welding of cylindrical articles, Seam. H. C. Cogan. 2,549,173, Apr. 17.
Welding of metallic tips to metallic bases. N. A. Tucker. 2,571,313, Oct. 16.
Welding of thermoplastic materials with application of high-frequency dielectric energy and pressure. J. E. Walstrom. 2,572,226, Oct. 23.
Welding system, Electric. G. L. Rogers. 2,568,464, Sept. 18.
Welding titanium and other metal. J. F. Jordan. 2,576,793, Nov. 27.
Welding together metallic members. R. Walsh. 2,559,483, July 3.
Welding torch igniter. J. S. Pflum. 2,561,480, July 24.
Welding transformer control system. H. W. Snyder. 2,540,837–8, Feb. 6.
Welding unit. A. F. Pityo and H. E. Butterfield, Jr. 2,578,835, Dec. 18.
Welding wheel. W. G. Fitzsimmons. 2,548,007, Apr. 10.
Well apparatus. A. P. Springer. 2,569,026, Sept. 25.
Well apparatus, Nontilt deep. C. A. Henyan. 2,548,158, Apr. 10.
Well boring apparatus. A. W. Kammerer. 2,545,033, Mar. 13.
Well bridge. E. A. Deupree. 2,577,610, Dec. 4.
Well casing joint. P. S. Schuder. 2,537,284, Jan. 9.
Well cementing apparatus. J. E. Hall. 2,560,692, July 17.
Well device. H. C. Otis. 2,571,478, Oct. 16.
Well drill bit. E. G. Walker. 2,568,573, Sept. 18.
Well drilling. C. D. Millison. 2,555,275, May 29.
Well drilling. G. D. Priestman. 2,548,616, Apr. 10.
Well drilling. C. V. Sidwell. 2,561,075, July 17.
Well drilling bit. W. F. Comstock. 2,553,701, May 22.
Well-drilling drawworks. C. J. Keim and A. R. Maier. 2,544,327, Mar. 6.
Well-drilling fluid. R. A. Henkes. 2,555,794, June 5.
Well drilling fluids and use. C. R. Wagner. 2,536,113, Jan. 2.
Well drilling rig. A. R. Maier. 2,539,584, Jan. 30.
Well equipment. J. S. Page. 2,568,087, Sept. 18.
Well fixture seal. F. H. Pottberg and R. C. Freberg. 2,568,301, Sept. 18.
Well flow device. J. L. Robison. 2,573,110, Oct. 30.
Wellhead construction. E. L. Barker. 2,542,302, Feb. 20.
Wellhead construction. G. A. Humason. 2,546,638, Mar. 27.
Well liner and cementing. G. A. Collins, J. R. Russell, and F. L. Colahan. 2,546,978, Apr. 3.
Well logging. K. C. Crumrine. 2,541,341, Feb. 13.
Well logging. B. W. Sewell. 2,569,390, Sept. 25.
Well logging method and apparatus. H. Doll. 2,554,174, May 22.
Well logging, Method and apparatus for neutron. J. M. Thayer and R. E. Fearon. 2,543,676, Feb. 27.
Well logging method and apparatus utilizing periodically variable spontaneous potentials. H.-G. Doll. 2,550,005, Apr. 24.
Well logging system. W. J. Greer. 2,573,133, Oct. 30.
Well logging system. M. Schlumberger. 2,562,992, Aug. 7.
Well logging system, Multiplex. J. Neufeld. 2,543,532, Feb. 27.
Well packer. R. C. Baker. 2,562,079, July 24.
Well packer. R. C. Baker. 2,577,068, Dec. 4.
Well packer. G. Green. 2,547,387, Apr. 3.
Well packer. J. L. Kofahl. 2,555,648, June 5.
Well packer. J. S. Page. 2,568,295, Sept. 18.
Well packer. T. M. Ragan. 2,578,900, Dec. 18.
Well packer. C. C. Taylor and E. W. McGaffey. 2,540,967, Feb. 6.
Well pumping apparatus involving a sucker rod. E. W. Mong. 2,536,982, Jan. 2.
Well recording mechanism. P. Z. Hamner. 2,572,025, Oct. 23.
Well sounder, Acoustical. A. Wolf. 2,560,911, July 17.
Well spudder. E. A. Campbell. 2,577,105, Dec. 4.
Well swab. J. M. Donzis. 2,544,984, Mar. 13.
Well testing apparatus. L. E. Elkins. 2,564,198, Aug. 14.
Well tool. D. M. Hampton. 2,547,461, Apr. 3.
Well tool. L. Hartsell. 2,562,458, July 31.
Well tool. J. H. McCarvell. 2,565,736, Aug. 28.
Well tool. H. C. Otis. 2,568,867, Sept. 25.
Well treating device. D. G. Kendall and W. L. Giesler. 2,569,893, Oct. 2.
Well tubing calipering and recording device. P. E. Chaney and W. E. Barnes. 2,567,548, Sept. 11.
Well tubing plug. W. H. Endsley. 2,536,431, Jan. 2.
Wells, Lining. J. D. Haynes and O. W. Lyons. 2,559,536, July 3.
Welt bar actuating mechanism for straight knitting machines. E. J. Berger and H. K. West. 2,554,655, May 29.
Welt cutting device. A. F. White. 2,559,813, July 10.
Welt indenting machine. C. W. Baker. 2,574,611, Nov. 13.
Welt seam. E. A. Wirt. 2,576,324, Nov. 27.
Welt turning mechanism for straight bar knitting machines. H. W. and E. Start. 2,544,187, Mar. 6.
Welting instrumentality for knitting machines and use. E. M. Zesch. 2,547,898, Apr. 3.
Welting of styrene-butadiene copolymer. A. R. Olson and E. B. McMillan. 2,558,776, July 3.
Wet blasting machine. W. I. Gladfelter and R. R. Garver. 2,576,008, Nov. 20.
Wet extrusion of acrylonitrile polymers. H. A. Bruson. 2,570,200, Oct. 9.
Wet screen sizing. W. C. Laughlin. 2,570,035, Oct. 2.
Wet spinning of artificial filaments. Method and apparatus for. I. S. Roberts. 2,536,092, Jan. 2.
Wet-spinning process. J. G. Calton and Q. J. O'Brien. 2,555,300, June 5.

Wet spinning process. H. M. Hoxie. 2,577,763, Dec. 11.
Wet strength paper, Manufacture of. C. S. Maxwell and C. G. Landes. 2,559,221, July 3.
Wetting and detergent composition. E. A. Vitalis. 2,562,154–6, July 24.
Wetting and detergent composition. E. A. Vitalis. 2,567,159, Sept. 4.
Wheat protein and starch, Manufacture of. J. F. Walsh, D. M. Levitt, and A. H. Goodman. 2,572,225, Oct. 23.
Wheel: *See*—

Abrading wheel.
Abrasive cutoff wheel.
Abrasive wheel.
Adjustable register wheel.
Air-cooled vehicle wheel.
Automobile wheel.
Buffing wheel.
Cushioned railway wheel.
Detachable vehicle wheel.
Disk plow wheel.
Double-webbed rail wheel.
Elastic railway car wheel.
Emergency wheel.
Ferris wheel.
Forged wheel.
Hydraulically cushioned and adjustable steering wheel.
Industrial truck caster wheel.
Lawn mower wheel.
Measuring wheel.
Model airplane wheel.
Pneumatic wheel.
Resilient car wheel.
Resilient vehicle wheel.
Rotary hoe wheel.
Separable vehicle wheel.
Shock absorbing wheel.
Spudding wheel.
Stamped metal vehicle wheel.
Steering wheel.
Truss type aircraft wheel.
Variable tread wheel.
Vehicle wheel.
Ventilated buffing wheel.
Welding wheel.

Wheel. J. J. Lange and A. G. Maranville. 2,559,975, July 10.
Wheel. C. L. Watkins. 2,576,736, Nov. 27.
Wheel adjusting mechanism, Type. K. Aurbach. 2,579,535, Dec. 25.
Wheel adjustment for lawn mowers. P. W. Hainke. 2 564.201. Aug. 14.
Wheel alignment gauge. J. C. Creagmile. 2,577,841, Dec. 11.
Wheel alignment gauge. H. Phillips, Sr. 2,543,197, Feb. 27.
Wheel alignment machine, All-purpose. C. Shaw. 2,556,227, June 12.
Wheel and axle assembly for variable tread vehicles. G. Ickes. 2,562,720, July 31.
Wheel and axle for model vehicles. S. C. Pritchard. 2,558,384, June 26.
Wheel and axle seal. H. W. Sanford and J. F. Baker. 2,573,735, Nov. 6.
Wheel and brake assembly. K. E. Lyman. 2,542,545, Feb. 20.
Wheel and making same, Buffing. G. A. Lyon. 2,571,146, Oct. 16.
Wheel and manufacture thereof, Abrasive. K. M. Taylor. 2,555,279, May 29.
Wheel and producing same, Grinding. G. E. Björklund and J. E. H. Westberg. 2,578,167, Dec. 11.
Wheel and rim jack, Portable hydraulic. W. P. Billings. 2,558,535, June 26.
Wheel arrangement for baggage, Retractable. E. J. Cortsen. 2,577,951, Dec. 11.
Wheel assembly. M. G. Schley. 2,551,763, May 8.
Wheel assembly, Automobile spare. R. W. Stromberg. 2,553,686, May 22.
Wheel assembly, Dual. C. S. Ash. 2,536,119, Jan. 2.
Wheel assembly, Dual. W. M. Marsh. 2,576,258, Nov. 27.
Wheel assembly for automotive couplers and the like, Spring caster. E. B. Hedgpeth. 2,577,244, Dec. 4.
Wheel assembly, Tail. C. H. Nickell. 2,544,278, Mar. 6.
Wheel attachment for bicycles, Retractable. E. J. Dyksma. 2,561,268, July 17.
Wheel balancer. L. C. Currier. 2,567,597, Sept. 11.
Wheel balancer pickup unit. H. M. Norman. 2,548,809, Apr. 10.
Wheel balancing machine. S. W. Martin. 2,553,058, May 15.
Wheelbarrow having auxiliary supporting frame. E. J. McLeary. 2,571,595, Oct. 16.
Wheelbarrow, Self-loading. S. Kronhaus. 2,544,505, Mar. 6.
Wheel chair. J. A. Padjen. 2,576,413, Nov. 27.
Wheel chair attachment. T. F. and A. L. Hind. 2,572,149, Oct. 23.
Wheel chair walking apparatus, Detachable. J. D. Thomas. 2,556,121, June 5.
Wheel checking device, Railway. M. W. Gieskieng. 2,574,474, Nov. 13.
Wheel chock, Airplane. R. J. Menne. 2,551,218, May 1.
Wheel construction. M. D. Walklet. 2,576,270, Nov. 27.
Wheel construction, Fifth. H. F. Cook and H. C. Harbers. 2,553,959, May 22.
Wheel cover. P. E. Benson. 2,544,129, Mar. 6.
Wheel cover. G. A. Lyon. 2,537,072, Jan. 9.
Wheel cover. G. A. Lyon. 2,541,079, Feb. 13.
Wheel cover. G. A. Lyon. 2,544,699–705, Mar. 13.
Wheel cover. G. A. Lyon. 2,547,031, Apr. 3.
Wheel cover. G. A. Lyon. 2,547,033, Apr. 3.
Wheel cover. G. A. Lyon. 2,547,953, Apr. 10.
Wheel cover. G. A. Lyon. 2,557,124, June 19.
Wheel cover. G. A. Lyon. 2,566,345, Sept. 4.
Wheel cover. G. A. Lyon. 2,569,482–3, Oct. 2.
Wheel cover. G. A. Lyon. 2,570,255, Oct. 9.
Wheel cover. G. A. Lyon. 2,574,491, Nov. 13.
Wheel cover. G. A. Lyon. 2,576,130, Nov. 27.
Wheel cover. G. A. Lyon. 2,579,504, Dec. 25.
Wheel cover. G. A. Lyon. 2,579,506, Dec. 25.
Wheel cover mounting. A. V. Weasler. 2,561,160, July 17.
Wheel cylinder support. S. Schnell. 2,541,551, Feb. 13.
Wheel differential hub, Dual. M. L. Moore and A. D. Fritz. 2,569,861, Oct. 2.
Wheel dressing device. L. M. Bargren. 2,565,013, Aug. 21.
Wheel dressing means. F. E. Hawley. 2,555,852, June 5.
Wheel drive, Abrasive. W. B. Boice. 2,537,394, Jan. 9.
Wheel drive for scooters and the like, Rear. R. M. H. Kander. 2,544,996, Mar. 13.
Wheel drive, Front. J. R. Enos. 2,548,356, Apr. 10.
Wheel for agricultural implements, Controlled caster. F. D. Jones, W. E. Slavens, and D. L. Woolsoncroft. 2,560,726, July 17.
Wheel for automotive vehicles, Demountable. B. H. Canady and C. J. Wiley. 2,552,034, May 8.
Wheel for buffing. H. H. Bahr. 2,572,092, Oct. 23.
Wheel for centrifugal pumps, Rotor. E. Egger. 2,566,795, Sept. 4.
Wheel for dual control automobiles, Auxiliary steering. P. A. Ostrow. 2,544,635, Mar. 6.
Wheel for garden tractors, Traction. H. C. Esch. 2,558,833, July 3.
Wheel for motor vehicles, Auxiliary nonskid. A. Zukor. 2,562,758, July 31.
Wheel for rail cars, Resilient. A. R. Schulze. 2,547,667, Apr. 3.
Wheel for rail vehicles, Resilient. A. Boschi. 2,555,023, May 29.
Wheel for road vehicles, Detachable. P. B. Chatterton. 2,552,936, May 15.
Wheel for sprinklers, Color. W. L. Giblet. 2,537,048, Jan. 9.
Wheel for stable cleaners, Star. H. R. Kreider. 2,539,022, Jan. 23.
Wheel for timepieces, Balance. C. Fleck. 2,544,306, Mar. 6.
Wheel for tire building apparatus, Stitcher. J. I. Haase. 2,541,648, Feb. 13.
Wheel for trawl nets, Guide. C. A. Abramowski. 2,560,622, July 17.
Wheel for vehicles, Elastic. C. O. Martinto. 2,553,419, May 15.
Wheel for wireworking machines, Feed. N. Kiehl. 2,554,253, May 22.
Wheel grinder. H. C. Jones. 2,578,250, Dec. 11.
Wheel having built-in electric switch, Steering. F. W. Sampson. 2,555,510, June 5.
Wheel head, Glass cutter. G. C. Wyman. 2,566,544, Sept. 4.
Wheel hoist and support, Rotatably and pivotally adjustable. C. E. Branick. 2,546,849, Mar. 27.
Wheel hub and clamping means therefor, Expansible and contractible. C. W. Van Schoyck. 2,569,590, Oct. 2.
Wheel-lifting jack. L. La Munyon. 2,547,474, Apr. 3.
Wheel lug, Retractable. E. Schnell. 2,544,050, Mar. 6.
Wheel manipulating tool. E. C. Pardee. 2,579,853, Dec. 25.
Wheel mask. L. L. Layne. 2,552,287, May 8.
Wheel mount and steering assembly. M. J. and J. L. Boor. 2,543,147, Feb. 27.
Wheel mounting. R. E. Reese. 2,563,370, Aug. 7.
Wheel mounting and unidirectional rotation control means, Combination. H. Sebel. 2,560,704, July 17.
Wheel mounting arrangement for vehicles. L. R. Bergen. 2,544,521, Mar. 6.
Wheel pair for railway cars. C. Schaub. 2,536,313, Jan. 2.
Wheel retainer for vehicles. S. J. Killingsworth. 2,543,854, Mar. 6.
Wheel rotating device. J. Schaefer. 2,578,266, Dec. 11.
Wheel spinner. L. H. Stites. 2,555,769, June 5.
Wheel spinner for automobile wheels. L. Hunter, Jr. 2,565,233, Aug. 21.
Wheel spoke. E. H. Piron. 2,540,832, Feb. 6.
Wheel springing installation. J. J. Pachter. 2,543,930, Mar. 6.
Wheel structure. J. C. Barker. 2,567,142, Sept. 4.
Wheel structure. G. A. Lyon. 2,547,032, Apr. 3.
Wheel structure. G. A. Lyon. 2,579,505, Dec. 25.
Wheel structure, Buffing. H. H. Bahr and G. Becker. 2,572,093, Oct. 23.
Wheel support with adjustable tool supporting and centering means. R. G. Bourdon and N. X. Derouin. 2,556,024, June 5.
Wheel supporting side member, including a spring mounting therefor. H. R. Randleman. 2,550,084, Apr. 24.
Wheel suspension. H. W. Reck. 2,557,763, June 19.
Wheel suspension. E. E. Taylor. 2,569,787, Oct. 2.
Wheel suspension and antisway control. J. W. Leighton. 2,554,784, May 29.
Wheel suspension and sway control, Independent. J. W. Leighton. 2,555,141, May 29.
Wheel suspension, Cantilevered trailer. O. J. Wolfe. 2,566,393, Sept. 4.
Wheel suspension for bicycles, Front. H. L. Kraeft. 2,537,679, Jan. 9.
Wheel suspension for motor vehicles. J. B. Engle. 2,562,706, July 31.
Wheel suspension for trailers. E. L. Bush. 2,576,824, Nov. 27.

Wheel suspension for vehicles. S. S. Sarnac. 2,542,363, Feb. 20.
Wheel suspension, Independent. G. K. McCann. 2,556,767, June 12.
Wheel suspension, Vehicle. M. Poirier. 2,552,690, May 15.
Wheel suspension with hydraulic steering, Vehicle. O. S. Munger. 2,554,261, May 22.
Wheel tester. T. Avenia. 2,537,616, Jan. 9.
Wheel truing device. R. F. Moore. 2,575,228, Nov. 13.
Wheel unit, Differential. E. C. Merry. 2,575,065, Nov. 13.
Wheel unit for trailers or the like, Differential. E. C. Merry. 2,575,064, Nov. 13.
Wheel with arcuate blade forming strips, Fan. J. F. Skold. 2,552,651, May 15.
Wheeled amusement and exercise vehicle. O. Fischer. 2,555,480, June 5.
Wheeled attachment for boats. A. Smith. 2,578,376, Dec. 11.
Wheeled barrow. M. Quesnoit. 2,572,945, Oct. 30.
Wheeled bumper jack. A. E. Schallock. 2,568,827, Sept. 25.
Wheeled disk harrow. W. W. White. 2,558,890, July 3.
Wheeled golf bag carrier. A. M. Schwartz. 2,575,930, Nov. 20.
Wheeled golf club carrier. W. C. Alexander. 2,564,828, Aug. 21.
Wheeled golf club carrier. W. B. Sobers. 2,539,336, Jan. 23.
Wheeled outrigger for tractors. W. Martin. 2,561,444, July 24.
Wheeled supporting platform attachment unit for jacks. T. M. Engle and T. D. Graffius. 2,563,927, Aug. 14.
Wheeled vehicle. E. A. Howard. 2,565,848, Aug. 28.
Whey product derived from milk and producing same. P. F. Sharp, D. D. Peebles, L. R. Hawk, and A. M. Besemer. 2,555,514, June 5.
Whipstock. J. S. Beck. 2,555,462, June 5.
Whipstock. R. Buttolph. 2,544,982, Mar. 13.
Whipper, Cream. G. M. Larson. 2,576,947, Dec. 4.
Whirl mixer. P. G. Chavez. 2,551,583, May 8.
Whirlpool bath. F. J. Farrelly and P. Catanzaro. 2,555,686, June 5.
Whistle and the like, Comic reed. L. Soklaski. 2,542,720, Feb. 20.
Whistle combination, Quick-change. L. Roth. 2,560,895, July 17.
Whistle, Rotary. H. R. Vanaman. 2,555,833, June 5.
Whizzer separator with helical deflector. J. Crites. 2,564,595, Aug. 14.
Wick-feeding means for applicators of cosmetics and the like. D. Ostrander. 2,549,227, Apr. 17.
Wick holder loading machine. E. F. Pinney. 2,578,449, Dec. 11.
Wick, Lighter. A. F. Reilly. 2,555,294, May 29.
Wick type liquid fuel burner. W. B. Engh and C. W. Davis. 2,540,719, Feb. 6.
Wick type removable oil burner. J. F. Coscia. 2,568,321, Sept. 18.
Wicket driving vehicle. D. H. Lukens. 2,576,467, Nov. 27.
Wide and narrow band carrier current system. A. M. Thornton, H. T. Prior, and S. J. Goullee. 2,558,018, June 26.
Wide angle corrected photographic objective comprising four meniscus components in axial alignment. M. J. Herzberger. 2,559,875, July 10.
Wide band feed through stub. R. W. Masters. 2,579,152, Dec. 18
Wide frame mine car. H. W. Sanford. 2,548,395, Apr. 10.
Wide range high-frequency power meter. W. E. Gustafson. 2,550,689, May 1.
Wide range liquid fuel burner and method for increasing adjustability range of whirl-type atomizing burners. J. A. te Nuyl. 2,579,215, Dec. 18.
Wide range permeability system. W. F. Sands. 2,561,537, July 24.
Wide range tuning circuit. I. H. Page. 2,540,137, Feb. 6.
Wide range tuning indicator. M. I. Jacob. 2,571,887, Oct. 16.
Widener for use in saw kerfs of timber. C. G. Swant and J. A. Morigeau. 2,541,894, Feb. 13.
Width grading shoe lasts. W. M. Biddle. 2,570,510, Oct. 9.
Wiener processing apparatus. E. Rockoff. 2,566,966, Sept. 4.
Winch. J. H. Wilson. 2,563,089, Aug. 7.
Winch, Cable. L. W. Nitkey. 2,567,526, Sept. 11.
Winch construction. N. Gabel. 2,545,613, Mar. 20.
Winch for convertible draglines and shovels. T. O. Davidson and B. L. Lonngren. 2,543,765, Mar. 6.
Winch, Hoist. H. B. Nelson. 2,567,231, Sept. 11.
Winch, hoist, and the like. M. F. Sasgen. 2,561,138–9; July 17.
Wind box seal for sintering machines. H. E. Rowen. 2,563,135, Aug. 7.
Windbreak. M. Bentley. 2,576,384, Nov. 27.
Windcord assembly. J. C. Widman. 2,536,863, Jan. 2.
Wind deflector. R. M. Bryce. 2,573,396, Oct. 30.
Wind-driven power generator. C. R. Fairey. 2,579,311, Dec. 18.
Wind impeller and electric generator. D. L. Hings. 2,542,522, Feb. 20.
Windmill electric generating and storage system, including controlling means. C. Fumagalli. 2,547,636, Apr. 3.
Wind resolver. E. E. Libman and E. Lohse. 2,574,336, Nov. 6.
Windrow turner. R. A. Stenzel. Re. 23,411, Sept. 11.
Windshield. R. O. Bates. 2,564,800, Aug. 21.
Windshield. C. J. Blasius. 2,564,952, Aug. 21.
Windshield cleaner. A. Rappl. 2,562,819, July 31.
Windshield cleaner. A. Rappl. 2,576,809, Nov. 27.
Windshield cleaner. A. Rappl and M. Bitzer. 2,563,068, Aug. 7.
Windshield cleaner. A. C. Scinta and A. Rappl. 2,543,383, Feb. 27.
Windshield cleaner mechanism. J. R. Oishei. 2,572,750, Oct. 23.
Windshield clearing system. A. Rappl. 2,556,440, June 12.
Windshield clearing system. A. Rappl and M. Bitzer. 2,540,290, Feb. 6.
Windshield cover. R. T. and W. P. Quish, J. J. Cratty, and J. F. Tierney. 2,551,052, May 1.
Windshield for welding. O. E. Dempsey. 2,553,899, May 22.
Windshield mounting. C. F. Kramer. 2,549,315, Apr. 17.
Windshield protector. M. D. Ferguson. 2,561,188, July 17.
Windshield, Rear. A. D. Gale. 2,573,789, Nov. 6.
Windshield shade and traffic signal finder, Combined vehicle. R. E. Dieterich. 2,566,934, Sept. 4.
Windshield washer. E. C. Horton. 2,572,264, Oct. 23.
Windshield wiper. C. H. Krueger. 2,564,535, Aug. 14.
Windshield wiper. H. F. Malone. 2,568,922, Sept. 25.
Windshield wiper. W. P. Ozarowski. 2,576,077, Nov. 20.
Windshield wiper. F. W. Sampson. 2,574,294, Nov. 6.
Windshield wiper. T. J. Smulski. 2,552,822, May 15.
Windshield wiper. N. E. Wahlberg. 2,538,344, Jan. 16.
Windshield wiper, Adjustable sweep angle. R. D. Conklin. 2,560,088, July 10.
Windshield wiper, All-Weather. J. J. Downey. 2,562,302, July 31.
Windshield wiper arm. I. Nesson. 2,557,755, June 19.
Windshield wiper arm. G. Shieberl. 2,564,819, Aug. 21.
Windshield wiper control. H. A. Carlson. 2,540,609, Feb. 6.
Windshield wiper mechanism. A. Rappl. 2,547,285, Apr. 3.
Windshield wiper mechanism. E. E. Sivacek. 2,544,807, Mar. 13.
Windshield wiper mechanism. E. E. Sivacek. 2,574,504, Nov. 13.
Windshield wiper mechanism. L. Zaiger. 2,559,208, July 3.
Windshield wiper with dynamic brake parking, Electric. C. R. Sacchini. 2,560,000, July 10.
Wind stop or sealing strip. M. C. Weaver and F. D. Leonard. 2,546,049, Mar. 20.
Wind tunnel, Supersonic. R. H. Johnson. 2,570,129, Oct. 2.
Wind turbine. W. E. Rushing. 2,563,279, Aug. 7.
Winder. J. G. Kershaw. 2,568,960, Sept. 25.
Winder shaft, Expansible. E. H. Tidland. 2,537,492, Jan. 9.
Winding and reeling mechanism. R. E. Zenner. 2,549,038, Apr. 17.
Winding and setting mechanism for watch movements. E. Schmitz. 2,547,140, Apr. 3.
Winding and stopping mechanism for Venetian blinds. F. Griesser. 2,579,144, Dec. 18.
Winding and unwinding control, Web. W. T. Stanford. 2,555,162, May 29.
Winding arrangement in electrical apparatus. A. and F. A. Fry. 2,546,736, Mar. 27.
Winding crank for cameras. A. W. Christ. 2,574,689, Nov. 13.
Winding device. E. Congdon. 2,568,431, Sept. 18.
Winding device, Coil. F. H. Martilla. 2,558,621, June 26.
Winding device, Down. W. C. Hanse. 2,556,272, June 12.
Winding device, Hair. C. F. Hardy. 2,553,411, May 15.
Winding electric coils. A. O. Jörgensen. 2,558,566, June 26.
Winding for armatures of commutator motors. V. Klíma. 2,538,527, Jan. 16.
Winding for transformers, Secondary. I. C. McKechnie. 2,553,665, May 22.
Winding layer wound magnet coils. G. H. Leland. 2,559,824, July 10.
Winding machine. E. J. Abbott. 2,566,299, Sept. 4.
Winding machine. C. O. Bachman. 2,578,461, Dec. 11.
Winding machine. J. E. Bosh and P. Alex. 2,542,303, Feb. 20.
Winding machine. B. and E. Carter. 2,551,362, May 1.
Winding machine. A. C. de Beauregard. 2,569,657, Oct. 2.
Winding machine. N. Marcalus. 2,579,199, Dec. 18.
Winding machine. W. L. Perry. 2,552,581, May 15.
Winding machine. M. Rose. 2,569,618, Oct. 2.
Winding machine. J. Sindelar. 2,546,908, Mar. 27.
Winding machine. J. A. Truitt. 2,545,534, Mar. 20.
Winding machine, Armature. P. J. Burdulis. 2,568,945, Sept. 25.
Winding machine, Bobbin. R. P. Drake. 2,569,661, Oct. 2.
Winding machine, Bobbin. B. A. Peterson. 2,543,931, Mar. 6.
Winding machine, Hydraulic. H. A. Jensen. 2,558,564, June 26.

Winding machine, Multiple chuck coil. H. W. Moore. 2,557,677, June 19.
Winding machine, Rod. E. Wodetzky. 2,550,131, Apr. 24.
Winding machine, Rope. D. J. Yake. 2,566,973, Sept. 4.
Winding machine speed controller. I. S. Roberts. 2,564,033, Aug. 14.
Winding mechanism, Electromagnetic clock. S. W. Bramley. 2,554,517, May 29.
Winding mechanism for recording instruments, Paper. J. E. Bevins and R. W. Hyde. 2,551,866, May 8.
Winding mechanism for tight winding paper tape on spools. W. J. Leveridge. 2,547,399, Apr. 3.
Winding mechanism for watch movements, Automatic. H. Thiébaud. 2,536,615, Jan. 2.
Winding of yarns. H. M. Hibbert, J. Holroyd, and R. H. Baines. 2,548,976, Apr. 17.
Winding reel. R. B. Wolk. 2,572,417, Oct. 23.
Winding stem with removable crown. W. Schmitz. 2,579,340, Dec. 18.
Windless auto arm signal. W. E. Newby. 2,539,460, Jan. 30.
Window. W. B. Burke. 2,571,677, Oct. 16.
Window. L. O. Burress. 2,565,200, Aug. 21.
Window. L. Chartier. 2,563,003, Aug. 7.
Window. F. J. Claveloux. 2,561,907, July 24.
Window. E. Clerk. 2,570,523, Oct. 9.
Window. A. R. Curry. 2,561,846, July 24.
Window. R. J. Dilg. 2,559,212, July 3.
Window. G. R. Gall. 2,580,166, Dec. 25.
Window. J. E. Hines. 2,559,300, July 3.
Window. F. W. Knott. 2,564,264, Aug. 14.
Window. F. W. Knott. 2,564,265, Aug. 14.
Window. A. Lamonde. 2,545,785, Mar. 20.
Window. W. C. Miller. 2,576,626, Nov. 27.
Window. H. E. Reichart. 2,558,525, June 26.
Window. A. Taurman. 2,566,433, Sept. 4.
Window actuating mechanism. B. Lermont and L. R. Birdsall. 2,560,179, July 10.
Window adjustment. F. C. Osten, Sr. 571,477, Oct. 16.
Window alarm. J. W. Brooks. 2,571,534, Oct. 16.
Window and door construction, Vehicle. H. F. Cromwell. 2,542,906, Feb. 20.
Window and means to adjust same, Combination double hung and casement. G. Simpkins and W. T. Ramsey. 2,555,710, June 5.
Window and screen assembly. J. Sylvan. 2,549,031, Apr. 17.
Window and screen, Combination draft. A. H. Morse. 2,548,040, Apr. 10.
Window and Venetian blind, Combination. G. R. Smith. 2,566,640, Sept. 4.
Window and ventilator, Basement. H. O. Schmidt 2,548,125, Apr. 10.
Window appliance. A. H. Morse. 2,548,041, Apr. 10.
Window, Arm signaling. J. F. Anderson. 2,557,065, June 19.
Window assembly. J. Sylvan. 2,543,559, Feb. 27.
Window, Auxiliary. B. J. Blackmore. 2,546,424, Mar. 27.
Window blind. C. V. Bergstrom. 2,548,512, Apr. 10.
Window blind. W. L. Coby. 2,579,905, Dec. 25.
Window blind. C. P. Kegley. 2,549,314, Apr. 17.
Window blind housing. D. Pirrie. 2,538,210, Jan. 16.
Window brace, Storm protection. H. R. Carney. 2,549,661, Apr. 17.
Window casing. L. E. Schnee. 2,563,378, Aug. 7.
Window chair. R. Windgassen. 2,579,164, Dec. 18.
Window channel, Wire reinforced. H. M. Dodge. 2,549,581, Apr. 17.
Window, Collapsible. J. F. Johnson. 2,568,009, Sept. 18.
Window construction. R. B. Anderson. 2,538,825, Jan. 23.
Window construction. V. E. Anderson. 2,553,738, May 22.
Window construction. H. F. Angus and W. Franklin. 2,552,024, May 8.
Window construction. T. F. Brenneman. 2,568,985, Sept. 25.
Window construction. A. B. Chambers. 2,551,657, May 8.
Window construction. G. T. Clements. 2,576,777, Nov. 27.
Window construction. W. R. Cordrey. 2,566,554, Sept. 4.
Window construction. F. R. Eichner. 2,572,124, Oct. 23.
Window construction. O. L. Herron. 2,574,641, Nov. 13.
Window construction. D. G. Lewis. 2,571,731, Oct. 16.
Window construction. A. G. Lorimer. 2,578,435, Dec. 11.
Window construction. H. Mers. 2,561,527, July 24.
Window construction. R. R. Olson. 2,568,130, Sept. 18.
Window construction. A. J. Prondzinski and F. F. Kindler. 2,551,051, May 1.
Window construction. W. C. Randall. 2,554,880, May 29.
Window construction. W. H. Rundquist. 2,576,539, Nov. 27.
Window construction. W. J. Sherry. 2,579,099, Dec. 18.
Window construction, Metal. H. Neustadt. 2,563,058, Aug. 7.
Window construction, Storm. O. O. McKinley and J. Long. 2,566,067, Aug. 28.
Window device for garment bags and like containers. W. R. Kohl. 2,558,904, July 3.
Window drape rod and hanging means. F. X. Ganter. 2,564,891, Aug. 21.
Window enclosure. I. W. Greenberg. 2,562,235, July 31.
Window fan assembly with width-adjustment provision. G. A. Delf and R. E. Kortum. 2,577,845, Dec. 11.
Window fastener. H. W. Falk. 2,539,066, Jan. 23.
Window fixture, Decorative. G. A. Schwartz. 2,542,714, Feb. 20.
Window for convertible bodies, Rear. F. S. Spring. 2,560,493, July 10.
Window for pressurized chambers. D. J. Hardy. 2,575,757, Nov. 20.
Window frame. F. R. Beymer. 2,563,511, Aug. 7.
Window frame and sash. R. Goldberg. 2,559,764, July 10.
Window frame and sash. M. Mosolgo. 2,573,155, Oct. 30.
Window frame and sash assembly. T. Taxin. 2,560,139, July 10.
Window frame construction, Combination. R. H. Stiles. 2,541,675, Feb. 13.
Window glass guide. C. P. Schlegel. 2,536,397, Jan. 2.
Window glass mounting. J. Schunk. 2,550,300, Apr. 24.
Window guard. A. T. Hamilton. 2,545,776, Mar. 20.
Window guard, Open. A. R. Christie. 2,555,915, June 5.
Window guide. J. Hezler, Jr. 2,565,232, Aug. 21.
Window holding device. M. Sciuto. 2,553,013, May 15.
Window holding spring. A. Santrey. 2,548,396, Apr. 10.
Window, Insulated metallic. A. G. Bureau. 2,536,351, Jan. 2.
Window latch. N. O. Holmsten. 2,542,332, Feb. 20.
Window latch. V. Pampallona. 2,552,646, May 15.
Window laundry drier. L. Traverso. 2,568,598, Sept. 18.
Window lock. J. Barry. 2,546,535, Mar. 27.
Window lock. W. M. Blakely. 2,545,645, Mar. 20.
Window lock. C. G. Carlson. 2,537,736, Jan. 9.
Window lock. J. Schurman. 2,538,385, Jan. 16.
Window, Louvered. J. R. Klein. 2,559,442, July 3.
Window, Metallic. J. F. Kerbaugh. 2,538,749, Jan. 23.
Window mount for concrete structures. M. Okazaki. 2,559,656, July 10.
Window mounting. J. Oswald. 2,556,775, June 12.
Window mounting. A. M. Skudre. 2,577,783, Dec. 11.
Window mounting. J. H. Wernig. 2,547,799, Apr. 3.
Window opening gauge. F. A. Hurd. 2,567,771, Sept. 11.
Window opening, Screened vehicle. C. Schembra. 2,548,560, Apr. 10.
Window operator. C. Jansen. 2,556,695, June 12.
Window operator. A. Rappl. 2,554,922, May 29.
Window operator. A. Rappl and M. H. Thomson. 2,555,859, June 5.
Window operator, Casement. N. M. Hiser. 2,569,565, Oct. 2.
Window operator, Casement. S. C. Reynaud. 2,576,536, Nov. 27.
Window operator valve. E. V. Schaal. 2,556,448, June 12.
Window or screen lock. E. E. Foster. 2,555,329, June 5.
Window platform. J. Kolodziej. 2,562,619, July 31.
Window, Push-out. E. W. Allen. 2,548,250, Apr. 10.
Window regulator. A. D. Brundage. 2,547,851, Apr. 3.
Window regulator. J. B. Parsons. 2,560,976, July 17.
Window regulator mechanism. C. C. Fish. 2,541,579, Feb. 13.
Window regulator mechanism. B. S. Floraday. 2,544,451, Mar. 6.
Window regulator mechanism. J. B. Parsons. 2,551,545, May 1.
Window regulator mechanism. J. B. Parsons. 2,556,737, June 12.
Window roller screen. L. H. Heeren. 2,560,440, July 10.
Window, Safety reversible. L. I. Alperin. 2,572,423, Oct. 23.
Window sash. H. D. Burgess. 2,570,519, Oct. 9.
Window sash adjusting and holding device. C. J. Roos. 2,538,329, Jan. 16.
Window sash and frame. M. Kwasniski. 2,558,655, June 26.
Window sash, Auxiliary. I. A. and D. S. Rogers and A. T. Rosenberg. 2,572,764, Oct. 23.
Window sash control and weather strip. J. N. Bond. 2,570,312, Oct. 9.
Window sash fastener. C. L. Casey and J. B. Ryno. 2,554,455, May 22.
Window sash fastener. C. M. Smith. 2,555,611, June 5.
Window sash holder. A. F. Winfercorn. 2,544,518, Mar. 6.
Window sash operator and lock. C. E. Fuller. 2,539,822, Jan. 30.
Window sash, Removable. D. F. Holmes. 2,561,511, July 24.
Window sash, Removable. R. J. Riley. 2,544,046, Mar. 6.
Window sash, Removable. R. J. Riley. 2,570,986, Oct. 9.
Window sash, Reversible. C. Kelliher. 2,580,177, Dec. 25.
Window sash unit. C. M. Verhagen. 2,565,937, Aug. 28.
Window scaffold. S. M. Moats. 2,560,123, July 10.
Window screen. J. and C. C. J. Maffei. 2,543,118, Feb. 27.
Window screen. L. Renzetti. 2,575,128, Nov. 13.
Window screen frame. J. H. Scruggs. 2,544,512, Mar. 6.
Window screen, sunshade, and air deflector, Combined. W. M. Routson. 2,537,861, Jan. 9.
Window screen tensioning device, Frameless. D. J. Rust and J. H. Jensen. 2,573,223, Oct. 30.
Window seat. L. R. S. Gamble. 2,539,126, Jan. 23.
Window shade assembly. G. M. Marsh. 2,559,306, July 3.

Window shade bracket. A. L. Thexton. 2,548,850, Apr. 10.
Window shade control. M. P. Zacharis. 2,574,366, Nov. 6.
Window shade fixture. S. M. Ayoub. 2,550,214, Apr. 24.
Window shade holder. E. A. Raasch. 2,556,505, June 12.
Window shade mounting device. C. S. Butkus. 2,564,831, Aug. 21.
Window shade pull or operator. F. A. Hoffman. 2,537,828, Jan. 9.
Window shade roller bracket and actuating means, Combination. B. Svirsky. 2,577,046, Dec. 4.
Window shield. O. H. Combe. 2,559,008, July 3.
Window sill and ledge structure. W. C. Fouts. 2,570,336, Oct. 9.
Window stop. G. F. Krouse. 2,543,913, Mar. 6.
Window structure. F. F. Beil. 2,541,325, Feb. 13.
Window structure. T. A. Ferri. 2,551,590, May 8.
Window structure. C. C. Jackson and H. W. Smith. 2,567,153, Sept. 4.
Window structure. A. J. Kiefer. 2,574,742, Nov. 13.
Window structure. G. W. Risien. 2,550,024, Apr. 24.
Window structure. C. O. Sorrell. 2,555,204, May 29.
Window structure, Rotatable. R. H. Smith. 2,560,196, July 10.
Window tightener. F. Ernest. 2,539,064, Jan. 23.
Window, Trolley supported storm. J. W. Schafer. 2,557,614, June 19.
Window ventilating lock. S. H. Melnick. 2,560,656, July 17.
Window ventilator for warming incoming air. L. S. Johnston. 2,561,928, July 24.
Window washing device. L. Prager. 2,569,258, Sept. 25.
Window wiper, Vehicle. S. A. Davia. 2,545,768, Mar. 20.
Window with removable pane. I. D. Sillman. 2,558,789, July 3.
Window with sash locking spring. B. M. Altwies. 2,575,575, Nov. 20.
Wine bottle rack. J. S. Emmart. 2,558,611, June 26.
Wine bung screw valve. A. Ferrari. 2,567,426, Sept. 11.
Wing construction for model airplanes. R. Reder. 2,560,742, July 17.
Wing device, Folding. J. W. Holland. 2,544,021, Mar. 6.
Wing former, Fishing fly. H. L. Thompson. 2,567,623, Sept. 11.
Wing nut. A. C. Dobrick. 2,553,813, May 22.
Wing structure for aircraft, Slotted. E. A. Stalker. 2,571,304, Oct. 16.
Wing-tip control surface for tailless airplanes. Q. Wald. 2,539,357, Jan. 23.
Wing tip fin for airplanes, Twisted. R. Vogt. 2,576,981, Dec. 4.
Wing-tip fuel tank. I. R. Stoughton. 2,575,534, Nov. 20.
Wing with interconnected flap and nose slat. D. R. Zuck. 2,538,224, Jan. 16.
Wiper blade connector. I. Nesson. 2,563,356, Aug. 7.
Wiper blade construction, Heated windshield. T. J. Vidrick and W. F. Karstens. 2,550,504, Apr. 24.
Wiper blade control linkage. T. J. Smulski. 2,550,094, Apr. 24.
Wiper for curved windshields. R. R. Klingler. 2,537,411, Jan. 9.
Wiper for floating roof tanks. F. L. Goldsby and C. M. Orr. 2,568,728, Sept. 25.
Wiper mechanism for machine guideways. W. A. Cox. 2,555,223, May 29.
Wiper mechanism, Windshield. C. R. Sacchini. 2,547,175, Apr. 3.
Wiper mechanism, Windshield. E. E. Sivacek. 2,538,432, Jan. 16.
Wiper, Pipe. J. F. Medearis. 2,568,247, Sept. 18.
Wiper ring assembly. E. J. Hrdlicka, Jr. 2,565,923, Aug. 28.
Wiper, Rod. J. W. MacClatchie. 2,550,487, Apr. 24.
Wiper, Windscreen. L. Reed-Lethbridge. 2,540,407, Feb. 7.
Wiper, Windshield. R. G. Cowles. 2,557,534, June 19.
Wiper, Windshield. E. C. Horton. 2,577,125, Dec. 4.
Wiper, Windshield. R. S. Johnson and D. O. Jensen. 2,536,940, Jan. 2.
Wiper, Windshield. T. J. Smulski. 2,550,095, Apr. 24.
Wiping liquid metal coatings. J. D. Keller. 2,536,186, Jan. 2.
Wiping means, Needle carrier. J. M. Washburn. 2,549,268, Apr. 17.
Wire-bound box fastener. W. F. Newhouse. 2,542,049, Feb. 20.
Wire cables, Manufacture of stranded. F. A. Clary, Jr. and G. N. Willis. 2,546,977, Apr. 3.
Wire clothespin. W. Wheeler. 2,559,139, July 3.
Wire coating apparatus. R. C. Kivley. 2,577,132, Dec. 4.
Wire coating compositions. R. J. Anderson. 2,574,313, Nov. 6.
Wire coil container. A. B. Dahle. 2,554,615, May 29.
Wire coiling and sizing machine. J. O. Forster. 2,541,232, Feb. 13.
Wire connecting devices, Making. L. H. Burns. 2,560,411, July 10.
Wire connector. C. H. Walsh. 2,576,055, Nov. 20.
Wire container. J. C. Shumway. 2,542,882, Feb. 20.
Wire crimping machine. J. R. Guess. 2,538,644, Jan. 16.
Wire cutter. A. L., Smith. 2,556,559, June 12.
Wire detecting apparatus, Leading-in. L. E. Dilts. 2,549,296, Apr. 17.
Wire dispenser. T. Goddard. 2,545,079, Mar. 13.
Wire dispenser. R. E. Johnson. 2,536,939, Jan. 2.
Wire drapery hanger. F. J. Schwartz. 2,556,400, June 12.
Wire drawing apparatus. F. F. Bain and O. Broun. 2,570,748, Oct. 9.
Wire drawing machine. W. Morgan and C. D. Wesson. 2,542,257, Feb. 20.
Wire-drawing machine motor control. O. M. Bundy. 2,567,635, Sept. 11.
Wire enamelling die. R. H. Denham. 2,575,911, Nov. 20.
Wire fastener. S. W. Anderson. 2,575,481, Nov. 20.
Wire fence gate. E. Wilson. 2,580,147, Dec. 25.
Wire-forming machine. H. M. Young. 2,578,216, Dec. 11.
Wire garment hanger. N. S. McEwen. 2,577,473, Dec. 4.
Wire grip. J. J. Saul. 2,554,387, May 22.
Wire handling apparatus. P. A. Beaman and J. R. North. 2,575,785, Nov. 20.
Wire handling apparatus. P. A. Schmidt. 2,563,377, Aug. 7.
Wire lead detector. L. S. Hartley and R. A. Newton. 2,554,982, May 29.
Wire line tensioning device. R. R. Crookston. 2,574,378, Nov. 6.
Wire nail machine. J. L. Weber. 2,580,055, Dec. 25.
Wire netting machine. H. L. Kitselman. 2,544,838, Mar. 13.
Wire pin and hook drapery hanger. W. T. Green, Jr. 2,541,240, Feb. 13.
Wood preservation. R. H. Bescher. 2,545,222, Mar. 13.
Wire recording, Magnetic. T. M. Shrader. 2,578,023, Dec. 11.
Wire reel. S. D. Spurling. 2,544,401, Mar. 6.
Wire-reeling attachment. J. Fries and J. Schlager. 2,537,522, Jan. 9.
Wire saw apparatus. H. E. Stratton. 2,577,545, Dec. 4.
Wire splice connector. S. N. Buchanan. 2,560,683, July 17.
Wire spring structure for seat constructions. S. G. Blumensaadt, W. H. Neely, and N. A. Page. 2,560,842, July 17.
Wire stitcher mechanism, Adjustable. O. M. Tubbs. 2,539,599, Jan. 30.
Wire stitching machine. J. I. Nasmith and W. Kirby. 2,537,480, Jan. 9.
Wire straightener. R. D. Heller. 2,567,770, Sept. 11.
Wire stretcher. R. L. Dodd. 2,571,347, Oct. 16.
Wire stretcher device. H. M. Montgomery. 2,563,129, Aug. 7.
Wire-stretching device. J. P. Wyatt. 2,538,141, Jan. 16.
Wire striping machine. G. E. Forsberg. 2,537,884, Jan. 9.
Wire stripper. R. D. Beck. 2,563,911, Aug. 14.
Wire stripper, Automatic. C. T. Calabrese. 2,571,338, Oct. 16.
Wire stripper for stripping outer conductors from coaxial lines. J. E. Helminak. 2,553,316, May 15.
Wire stripping machine. N. R. Schwartz. 2,554,126, May 22.
Wire stripping tool. H. W. Norman and J. N. Rollings. 2,561,218, July 17.
Wire suspension which by-passes a moving load, Intermediate. E. O. Ehrhart. 2,540,868, Feb. 6.
Wire tension control unit. J. A. Anania. 2,568,182, Sept. 18.
Wire tightening device. B. W. and R. S. Benbow. 2,577,299, Dec. 4.
Wire tightening device. B. W. and R. S. Benbow. 2,577,301, Dec. 4.
Wire tightening tool. B. W. and R. S. Benbow. 2,577,300, Dec. 4.
Wire tool. F. Johnson. 2,553,920, May 22.
Wire tying machine, Automatic. W. F. Vining and M. L. Rowe. 2,575,899, Nov. 20.
Wire unwinding reel. A. O. Jackson and C. L. Jackson. 2,566,801, Sept. 4.
Wire winding and tensioning device. J. A. Morton. 2,566,848, Sept. 4.
Wire-winding apparatus. H. F. Kennison. 2,573,793, Nov. 6.
Wire winding device. C. V. Lindbloom. 2,570,575, Oct. 9.
Wire winding machine. R. C. Dehmel. 2,569,292, Sept 25.
Wire winding machine and forming coils of wire. E. R. Workman. 2,567,537, Sept. 11.
Wireworking machine. E. Gut. 2,560,794, July 17.
Wire wrapper and screwdriver, Combination. S. H. Wright. 2,546,489, Mar. 27.
Wiring analyzer. J. F. Atkinson. 2,555,306, June 5.
Wiring and connection unit, Electrical. R. H. Murphy. 2,561,031, July 17.
Wiring apparatus, Terminal. K. H. Andren. 2,551,358, May 1.
Wiring method and apparatus, Terminal. K. H. Andren. 2,564,874, Aug. 21.
Wiring unit. H. P. Mixer. 2,550,079, Apr. 24.
Wireless check row attachment for corn planters. A. Lang. 2,564,162, Aug. 14.
Withdrawing fluid from containers, Method of and apparatus for. G. H. Zenner and P. M. Riede. 2,567,588, Sept. 11.

Wobble drive mechanism. E. E. K. Sparmann. 2,550,612, Apr. 24.
Wobble plate for nutating type fluid meters. D. S. Willson. 2,565,287, Aug. 21.
Wobbler drive. E. E. K. Sparmann. Re. 23,371, May 29.
Wobbler drive mechanism. F. L. Van Weenen and W. H. Stigter. 2,561,000, July 17.
Wood bending machine and nailing table. C. C. Cress. 2,579,800, Dec. 25.
Wood bending machinery. K. Michaelis. 2,551,383, May 1.
Wood checkering apparatus. E. W. Hailston, C. F. Casey, and G. R. Melick. 2,573.565, Oct. 30.
Wood chipper, Rotary disk. J. R. Dunbar. 2,566,721, Sept. 4.
Wood filler composition. E. R. Bush and J. E. Hanle. 2,567,924, Sept. 18.
Wood filler composition. L. Roon and W. T. Smith. 2,568,765–6, Sept. 25.
Wood filler, Flash dry. W. K. Moffett and C. J. Welz. 2,568,864, Sept. 25.
Wood filling and finishing apparatus. H. G. Macdonald. 2,565,036, Aug. 21.
Wood finishing process. D. P. Lehman. 2,573,105, Oct. 30.
Wood grooving machine. G. Balázs. 2,542,615, Feb. 20.
Wood planer. H. T. Moore. 2,577,975, Dec. 11.
Wood preservatives, Manufacture of. B. O. Häger. 2,565,175, Aug. 21.
Wood product and making same, Paper-covered. R. J. Byers and M. B. Christian. 2,545,603, Mar. 20.
Wood product and making the same, Artificial. C. Roman. 2,578,489, Dec. 11.
Wood products and making. D. Chapman. 2,574,375, Nov. 6.
Wood products, Making laminated. G. Kessler. 2,545,286, Mar. 13.
Wood pulp digestion. A. N. Parrett. 2,564,028, Aug. 14.
Wood shaping machine. M. Martensson. 2,563,655, Aug. 7.
Wood-splitting machine, Power-operated. T. Stennitt. 2,565,406, Aug. 21.
Wood surfacing and edging machine. V. J. Gegumis. 2,571,861, Oct. 16.
Wood-swelling composition and a joint produced therewith. W. Lindenthal. 2,580,308, Dec. 25.
Wood treating preparations. J. H. Pickren. 2,557,062, June 19.
Woodworking machine and the like provided with adjustable work guides. W. L. Van Dam and M. J. Karr. 2,562,246, July 31.
Woodworking machine attachment to a jig saw. F. J. Tollafield. 2,542,373, Feb. 20.
Woodworking machine with a swingably adjustable tool spindle. L. E. Patterson. 2,577,206, Dec. 4.
Woodworking plane. S. Shaler. 2,568,665, Sept. 18.
Woodworking tool fence supporting structure. W. Copp. 2,575,250, Nov. 13.
Wooden last. C. A. Davidson and H. Werklund. 2,551,729, May 8.
Wooden structure and method. D. E. Hervey. 2,540,482, Feb. 6.
Wool chrome dyestuff. D. I. Randall. and E. E. Renfrew. 2,539,928, Jan. 30.
Wool combining machine. W. E. Christensen, W. B. Smith, and J. J. Sandy. 2,570,767, Oct. 9.
Wool, Refractory glass. J. C. McMullen. 2,557,834, June 19.
Wool scouring. A. L. Dubeau. 2,552,944, May 15.
Work feeding and holding mechanism for machine tools. G. F. Johnson. 2,546,752, Mar. 27.
Work blasting equipment. W. I. Gladfelter. 2,574,867, Nov. 13.
Work board for armed chairs, Adjustable. M. M. Harles. 2,555,130, May 29.
Work carrier for conveyers. T. J. Kearney. 2,575,278, Nov. 13.
Work clamping device. L. I. Kaplan and G. von Reis. 2,579,675, Dec. 25.
Work expulsion mechanism for furnaces. H. A. Strickland, Jr. 2,556,234, June 12.
Work feeding device. E. L. Bossi. 2,565,016, Aug. 21.
Work guide for sewing machines. S. Seserman. 2,557,150, June 19.
Work guide for woodworking machines and the like. C. F. Crow. 2,578,516, Dec. 11.
Work handling and tooling mechanism. C. H. Adams and G. H. Pratt. 2,577,442, Dec. 4.
Work hold-down roll mechanism for work feed apparatus. E. H. Jacobson. 2,564,904, Aug. 21.
Work holder. W. R. Smith and O. R. Rickel. 2,554,884, May 29.
Work holder. W. and J. Wharton. 2,558,283, June 26.
Work holder. F. R. Whitcomb. 2,544,625, Mar. 6.
Work holder device. C. W. Barker. 2,559,925, July 10.
Work holder for articles to be lapped or ground, Rotatable. L. E. Donahue. 2,577,312, Dec. 4.
Work holder for grinding router bits. L. C. Hammond. 2,578,884, Dec. 18.
Work holder for hollow radially expansible materials. R. F. Lescallette. 2,541,078, Feb. 13.
Work-holder for shapers. H. Lehr. 2,569,613, Oct. 2.
Work-holding fixture. J. W. Dearborn. 2,573,410, Oct. 30.
Work loading means for machine tools. J. D. Davis. 2,543,834, Mar. 6.
Work locating and driving mechanism. D. D. Austin, Sr., and K. J. Davis. 2,576,497, Nov. 27.
Work locating device. M. A. Hollengreen and D. F. Price. 2,559,431, July 3.
Workpiece support and guide for induction heating furnaces. H. A. Strickland, Jr. 2,563,883, Aug. 14.
Work rest for centerless grinding machines. S. S. Smolich. 2,554,423, May 22.
Work stop. S. H. Holmes. 2,547,211, Apr. 3.
Work support for fastener forming and inserting machines. J. G. Wright, C. D. Toney, C. A. Watkins, E. Sudan, and W. A. Maxwell. 2,571,984, Oct. 16.
Work supporting and clamping stand. A. MacLeod 2,548,114, Apr. 10.
Work supporting mechanism for the spindles of machine tools. F. L. Dodge. 2,539,235, Jan. 23.
Work surface with plural section cover, Folding. L. C. Freeman. 2,547,382, Apr. 3.
Worktable for grinding and similar machines. A. A. Mathieu. 2,539,311, Jan. 23.
Worktable for presses, Movable. H. E. Folkerth, Sr. 2,571,556, Oct. 16.
Worktable, Retractable. G. and L. Crosa. 2,549,431, Apr. 17.
Working railroad ballast, Method and apparatus for. J. H. McFadden. 2,575,390, Nov. 20.
Working sheet material, Method and apparatus for. F. B. Pfeiffer. 2,547,835, Apr. 3.
Wound dressing. C. Manley. 2,572,641, Oct. 23.
Woven fabric. N. M. Cohen. 2,566,482, Sept. 4.
Woven fabric. L. Fischer and P. Merwitz. 2,557,819, June 19.
Woven fabric. J. A. Fligg. 2,541,231, Feb. 13.
Woven fabrics, Making stretchable. M. C. Teague. 2,574,200, Nov. 6.
Wrap-around hose clamp. M. J. Zaleske. 2,577,063, Dec. 4.
Wrapper and counter, Coin. F. E. South. 2,567,531, Sept. 11.
Wrapper and producing same, Antifungus. G. C. Borden, Jr. 2,574,526, Nov. 13.
Wrapper, Cigar. J. B. Back. 2,559,000, July 3.
Wrapper, Mechanical coin. E. H. Roberts. 2,574,660, Nov. 13.
Wrapper transfer. V. G. Hanson. 2,568,067, Sept. 18.
Wrapping device, Money. E. Fortier. 2,549,590, Apr. 17.
Wrapping machine. E. D. Boyce. 2,544,442, Mar. 6.
Wrapping machine. F. W. Noble and D. C. Baker. 2,555,758, June 5.
Wrapping machine. O. Sandberg. 2,553,871, May 22.
Wrapping machine, Bread. T. Jensen and F. A. Drury. 2,538,564, Jan. 16.
Wrapping machine, Fishing rod. F. J. Striano. 2,556,827, June 12.
Wrapping machine, Gum. E. F. Cornock and F. B. Roberts. 2,540,430, Feb. 6.
Wrapping machine, Roll. H. E. Clarke. 2,564,594, Aug. 14.
Wrapping machine for sandwiches and the like. O. Sandberg. 2,567,405, Sept. 11.
Wrapping machinery. J. A. Gilbert. 2,545,273, Mar. 13.
Wrapping machinery. J. A. Gilbert. 2,550,920, May 1.
Wrapping machinery and method. S. J. Campbell. 2,546,721, Mar. 27.
Wrapping method. F. B. Pfeiffer. 2,554,636, May 29.
Wreath-forming foundation, Foldable. R. B. Propst. 2,549,006, Apr. 17.

Wrench: *See*—
- Backout or nipple wrench.
- Booster socket wrench.
- Cam actuated pivoted jaw wrench.
- Cam actuated wrench.
- Cam seated slidable jaw wrench.
- Chain-driven wrench.
- Chain wrench.
- Chuck wrench.
- Dual wheel lug wrench.
- Flexible loop jar cap wrench.
- Gear operated, bolt-holding wrench.
- Golf-shoe calk wrench.
- Hydraulic torque wrench.
- Impact type sucker rod wrench.
- Impact wrench.
- Internally applied expanding friction-grip wrench.
- Internally applied, expanding, pivoted jaw wrench.
- Interrupted thread type slidable jaw wrench.
- Lever and link feed, worm-adjustable, sliding jaw wrench.
- Machine operated track wrench.
- Machine wrench.
- Multiple socket wrench.
- Nut and pipe wrench.
- Nut-fulcrumed pivoted jaw wrench.
- Nut-holding socket wrench.
- Nut placing slotted-socket wrench.
- Open-end ratchet wrench.
- Open end ratcheting wrench.
- Open-ended ratchet wrench.
- Open-sided-socket ratchet wrench.
- Parallel shank dual socket wrench.
- Pipe wrench.
- Pivoted jaw type, internally threaded socket wrench.
- Pivoted jaw type, toggle actuated wrench.
- Pivoted jaw wrench.
- Plier-type, toggle actuated wrench.
- Portable power wrench.

Wrench: *See*—Continued.
Power-driven, gear-operated, member-holding wrench.
Power-operated impact wrench.
Power-operated portable wrench.
Ratchet spanner wrench.
Ratchet type socket wrench.
Ratchet wrench.
Ratcheting stud wrench.
Reciprocable jaw cap wrench.
Resilient strip jar cap wrench.
Reversible ratchet wrench.
Shade-roller wrench.
Shank grip slidable jaw wrench.
Signal type torque indicating wrench.
Slidable jaw wrench.
Slidable side jaw socket wrench.
Sliding jaw type rack adjusted wrench.
Split ratchet socket wrench.
Socket wrench.
Toggle actuated plier-type wrench.
Toggle-actuated sliding-jaw wrench.
Torque-limiting wrench.
Watchcase wrench.
Wedging pawl type wrench.
Wrench adapter, Universal. L. L. C. Wicke. 2,562,973, Aug. 7.
Wrench and elevator, Combination. W. M. Wiseman. 2,568,263, Sept. 18.
Wrench and extension-handle assembly, Vehicle-wheel. H. H. Lane. 2,549,910, Apr. 24.
Wrench and gear-driven wrench adapter, Torque. J. R. Wells. 2,569,509, Oct. 2.
Wrench and reamer, Electrician's. P. W. Young. 2,575,779, Nov. 20.
Wrench attaching and retaining clip. W. J. Rozmus. 2,567,352, Sept. 11.
Wrench, especially designed for work on different type rifle actions, Slidable and reversible jaw. W. S. Vickerman. 2,543,140, Feb. 27.
Wrench for nuts or like polygonal objects, Self-adjusting. M. F. Stellinger. 2,570,991, Oct. 9.
Wrench for tappets, Holding. C. E. Johnson. 2,544,022, Mar. 6.
Wrench for turnbuckles, Ratchet. W. J. Halperin. 2,536,172, Jan. 2.
Wrench for turning flanged pipes. M. E. Davis and C. L. Poland. 2,565,066, Aug. 21.
Wrench for turning flywheels, Spanner. L. S. and J. L. Stites. 2,578,855, Dec. 18.
Wrench having a pivoted outer jaw. B. P. Kunz. 2,559,974, July 10.
Wrench having a pivoted rack catch, Slidable inner jaw. B. M. and B. Beesley. 2,543,824, Mar. 6.
Wrench having arcuate guide slot and longitudinally slidable actuator, Pivoted side jaw. F. E. Bradley. 2,569,551, Oct. 2.
Wrench having gear transmission, Motor operated. W. R. Kahle and E. R. Johnson. 2,538,251, Jan. 16.
Wrench having guided work-engaging rollers, One-way engaging. A. Kavalar. 2,550,010, Apr. 24.
Wrench having manually controlled nut ejector, Rigid jaw, enclosed. J. Dezorze. 2,543,444, Feb. 27.
Wrench having pivotal jaw cooperable with multisurfaced fixed jaw. H. Bachli and H. S. Shapiro. 2,558,333, June 26.
Wrench having pivoted arm, slidably adjustable, Closure. F. M. Hooker. 2,569,608, Oct. 2.
Wrench having pivoted handle and removable socket. M. Orey and J. R. Chapin. 2,549,515, Apr. 17.
Wrench having pivoted outer-jaw provided with guide slot for handle jaw extension. A. V. Zelgert. 2,546,287, Mar. 27.
Wrench having sliding link and pivoted jawpiece, Pipe. H. G. Greathouse. 2,577,888, Dec. 11.
Wrench head having distal torque lever. A. T. Keppler. 2,538,006, Jan. 16.
Wrench jaws. C. Petersen. 2,563,267, Aug. 7.
Wrench operated tap changer mechanism. F. E. Grommes. 2,568,887, Sept. 25.
Wrench operated tap changer mechanism. P. A. Unverzagt. 2,568,888, Sept. 25.
Wrench provided with cam actuated locking means, Slidable jaw. A. G. Hanson. 2,545,355, Mar. 13.
Wrench, screw-driver, or similar device, Gear-operated, angularly adjustable. V. A. Peluse. 2,570,706, Oct. 9.
Wrench shank having springy-arm jaws cammed by slidable threaded-sleeve actuated by nut swiveling on shank. D. N. Palmer. 2,561,407, July 24.
Wrench turning device, Socket. L. A. Ross. 2,577,157, Dec. 4.
Wrench with interchangeable object-embracing bushings, Multiple-pivoted-jaw pipe. J. R. Brinkley. 2,550,963, May 1.
Wrench with linked gripping means, Pipe. A. B. Wilson. 2,576,203, Nov. 27.
Wrench with overload release means, Torque. F. L. Keen. 2,556,587, June 12.
Wrench with predetermined torque signaling means, Torque. J. J. Greer. 2,553,311, May 15.
Wrench with resilient shoes, Pivoted link jar cap. H. M. Fredholm. 2,575,950, Nov. 20.
Wrench with separate actuators, Dual socket. R. E. Stanton. 2,545,391, Mar. 13.
Wrench with work engaging steadying means. G. C. Robinson. 2,539,861, Jan. 30.
Wrenches, Making adjustable jaw. K. F. W. Kempf. 2,572,492, Oct. 23.
Wringer. A. L. Briggs and G. A. Oberg. 2,548,768, Apr. 10.
Wringer. C. F. Emmert. 2,561,567, July 24.
Wringer. N. L. Etten. 2,571,351, Oct. 16.
Wringer. N. L. Etten. 2,572,604, Oct. 23.
Wringer. D. K. Ferris. 2,537,401, Jan. 9.
Wringer. E. E. Foster. 2,548,882, Apr. 17.
Wringer. C. A. Stickel. 2,536,324, Jan. 2.
Wringer, Mop. M. Heber. 2,567,708, Sept. 11.
Wringer, Self-locking mop. E. J. Capstack. 2,554,937, May 29.
Wringing and setting process for leather, Centrifugal. G. H. Jennings. 2,552,322, May 8.
Wrinkle finish composition. E. W. Moffett. 2,551,386, May 1.
Wrinkle finishes. E. W. Moffett. 2,548,388, Apr. 10.
Wrinkle treating device. J. R. Dillon. 2,540,247, Feb. 6.
Wristband. G. D. Drewry. 2,569,885, Oct. 2.
Wristband. L. J. Wiese. 2,536,146, Jan. 2.
Wristband for watches and the like. J. C. Howell. 2,543,408, Feb. 27.
Wrist cuff construction. D. E. Weiss. 2,561,161, July 17.
Wrist pin and connecting rod assembly. L. M. Kurtz. 2,554,992, May 29.
Wrist watch case. J. G. Ford. 2,562,607, July 31.
Writing aid for the blind. J. C. Spikes. 2,562,479, July 31.
Writing board. M. Buxbaum and M. Lebensfeld. 2,541,497, Feb. 13.
Writing device, Braille. P. W. Hoff. 2,565,608, Aug. 28.
Writing machine, Music. R. C. Eglan. 2,570,330, Oct. 9.
Writing pad holder. S. R. Blackstone. 2,573,176, Oct. 30.
Writing table. L. Thibiéroz. 2,549,545, Apr. 17.
X-ray apparatus. A. H. Feibel and E. E. Greenberg. 2,556,909, June 12.
X-ray apparatus. W. H. Haupt. 2,542,196, Feb. 20.
X-ray apparatus. A. J. Kizaur. 2,567,566, Sept. 11.
X-ray apparatus. W. C. Kuhlman. 2,573,029, Oct. 30.
X-ray apparatus. M. Morrison. 2,548,489, Apr. 10.
X-ray apparatus. I. L. Newton. 2,554,051, May 22.
X-ray apparatus. F. Scholz. 2,560,782, July 17.
X-ray apparatus. D. Sussin and W. C. Kuhlman. 2,538,217, Jan. 16.
X-ray camera and system. B. S. Blaisse and A. Bouwers. 2,568,943, Sept. 25.
X-ray cassette hinge and back. C. B. Kamiss. 2,539,254, Jan. 23.
X-ray cone assembly. M. Knab. 2,570,820, Oct. 9.
X-ray diffraction apparatus. K. E. Beu and H. H. Claassen. 2,543,825, Mar. 6.
X-ray diffraction method. W. Parrish and E. A. Hamacher. 2,549,987, Apr. 24.
X-ray measuring system. C. A. Vossberg, Jr. 2,549,402, Apr. 17.
X-ray method and apparatus. H. Friedman. 2,542,022, Feb. 20.
X-ray monochromator. S. Hansen. 2,543,630, Feb. 27.
X-ray picture seriating device, Multiple. J. G. Sobà. 2,545,899, Mar. 20.
X-ray shield. P. Morrison. 2,580,360, Dec. 25.
X-ray spectrometer. D. Harker. 2,540,821, Feb. 6.
X-ray thickness gauge. R. L. Longini. 2,542,822, Feb. 20.
X-ray thickness gauge. W. N. Lundahl. 2,565,734, Aug. 28.
X-ray tube safety device. E. R. Goldfield and J. Ball. 2,572,258, Oct. 23.
X-ray unit, Portable. C. E. Boucher. 2,547,996, Apr. 10.
Xylene hexafluoride, Production of. B. H. Wojcik and A. H. Maude. 2,562,159, July 24.
Yankee drier. H. M. Ostertag and J. H. Masshard. 2,563,692, Aug. 7.
Yankee drier. H. M. Ostertag and J. H. Masshard. 2,576,036, Nov. 20.
Yarding and cutoff swing-saw machine, Portable. G. A. Johnson. 2,572,347, Oct. 23.
Yarn advancing reel. W. G. Esmond. 2,558,836, July 3.
Yarn-advancing reel. A. L. Ewing. 2,554,670, May 29.
Yarn and fabric made therefrom, Composite. C. A. Carney. 2,541,500, Feb. 13.
Yarn and production, Asbestos. I. J. Novak and C. W. Palm. 2,578,941, Dec. 18.
Yarn cake by radial liquid flow, Fluid treating. J. B. Steiding and F. F. Sutherland. 2,566,431, Sept. 4.
Yarn carrier. R. J. Good. 2,542,960, Feb. 20.
Yarn carrier. E. Jentsch. 2,560,955, July 17.
Yarn carrier. E. Jentsch. 2,577,968, Dec. 11.
Yarn carrier for knitting machines. R. D. Curry. 2,555,920, June 5.
Yarn carrier for knitting machines. J. S. Karl. 2,574,041, Nov. 6.
Yarn-carrying device. M. M. Taylor. 2,577,928, Dec. 11.
Yarn conditioning device. C. F. Dulken, M. Stern, G. Westwater, and P. A. Reuter. 2,543,098, Feb. 27.
Yarn controlling and tensioning mechanism. J. P. Wilson. 2,554,286, May 22.
Yarn controlling device. I. H. C. Green. 2,545,081, Mar. 13.
Yarn doll cap. L. F. Maupin. 2,579,945, Dec. 25.
Yarn, Elastic. B. H. Foster. 2,539,300, Jan. 23.
Yarn, fabric made therefrom, and making the same, Composite. C. A. Carney. 2,541,499, Feb. 13.
Yarn feed control system. M. E. Blake. 2,541,192, Feb. 13.

Yarn feeding device. E. St. Pierre. 2,539,527, Jan. 30.
Yarn feeding mechanism for knitting machines. A. M. Brown. 2,561,175, July 17.
Yarn guard for Axminster tube frames. O. V. Payne. 2,577,267, Dec. 4.
Yarn guide for full-fashioned knitting machines. E. W. Kaul. 2,570,388, Oct. 9.
Yarn handling method and apparatus. E. K. Bauer. 2,563,986, Aug. 14.
Yarn heating cabinet. F. F. Bahnson. 2,538,349, Jan. 16.
Yarn, High elongation. A. J. Mehler, Jr. 2,537,312, Jan. 9.
Yarn lubricant. G. W. Seymour, F. Fortess, and M. Duke. 2,564,768, Aug. 21.
Yarn package. H. B. Cross, Jr. 2,553,633, May 22.
Yarn package support. W. J. Elvin and F. W. Schulte. 2,562,306, July 31.
Yarn package support. W. Fletcher. 2,576,254, Nov. 27.
Yarn package support. A. W. Keight. 2,568,892, Sept. 25.
Yarn package support. T. K. Rea. 2,574,285, Nov. 6.
Yarn package testing apparatus. N. J. Folsom. 2,536,164, Jan. 2.
Yarn shed testing machine. R. J. Taylor and R. C. Johnson. 2,556,012, June 5.
Yarn spools and tube frames for Axminster looms, Preparing. O. V. Payne. 2,544,135, Mar. 6.
Yarn support. A. W. Keight. 2,565,562, Aug. 28.
Yarn tensioning device. P. J. Burns. 2,571,678, Oct. 16.
Yarn tensioning device. E. J. Heizer. 2,554,493, May 29.
Yarn tensioning device. E. A. Wentz. 2,570,617, Oct. 9.
Yarn tensioning device and break detector for spoolers. H. G. Lind. 2,555,045, May 29.
Yarn tensioning device for winding machines. G. M. Brainerd and A. Vachon. 2,550,448, Apr. 24.
Yarn winding device. A. W. Keight. 2,577,131, Dec. 4.
Yarn winding frame. P. P. Goerdeler. 2,580,088, Dec. 25.
Yarns, fabrics, and the like, Production of novelty. D. R. Barceló and P. A. Maso. 2,562,760, July 31.
"Yes" and "No" indicating doll. G. Kellner. 2,540,484, Feb. 6.
Yieldable connection device for belt buckles. S. I. Hollander. 2,572,726, Oct. 23.
Yieldable support. W. L. Fischer. 2,555,637, June 5.
Yoke assembly, Wide angle sweep. C. E. Torsch. 2,565,331, Aug. 21.
Zein fibers, Production of. W. E. C. Yelland and C. C. Jensen. 2,552,079, May 8.
Zein, Preparation of. S. H. Pinner and A. D. Whitehead. 2,554,750, May 29.
Zero adjustment of computers. J. W. Trischka and H. S. Sack. 2,569,135, Sept. 25.
Zero corrector for electrical instruments in hermetically sealed casings. F. X. Lamb. 2,560,879, July 17.
Zero return for electromechanical integrators. S. L. Fagin. 2,579,731, Dec. 25.
Zero-setting mechanism. A. Holzner. 2,540,619, Feb. 6.
Zero suppressing means for printing machines. W. T. Gollwitzer. 2,570,113, Oct. 2.
Zeroizing mechanism. A. Thomas. 2,568,523, Sept. 18.
Zigzag spring seat. R. C. Bateman and B. J. Schnitzer. 2,571,184, Oct. 16.
Zinc and cadmium passivating bath. D. M. Johnson. 2,559,878, July 10.
Zinc-beryllium silicate phosphors, Preparation of. J. Roos. 2,542,360, Feb. 20.
Zinc ethylene bis-dithiocarbamate fungicidal powder, Flame-resistant. A. L. Flenner. 2,545,948, Mar. 20.
Zinc fluoride and preparing same, Luminescent. B. S. Ellefson. 2,537,262, Jan. 9.
Zinc oxide-magnesium oxide luminous pigments activated by bismuth or bismuth and iron. L. J. Reimert and E. A. Fatzinger. 2,544,236, Mar. 6.
Zinc paste. C. H. Olsen. 2,548,048, Apr. 10.
Zinc-penicillin and preparation thereof. O. Wintersteiner and H. B. MacPhillamy. 2,554,690, May 29.
Zinc peroxide, Manufacture of. W. S. Wood and G. Clennett. 2,563,442, Aug. 7.
Zinc silicate phosphor. J. B. Merrill and A. B. Davis. 2,554,999, May 29.
Zinc silicate phosphors and making same. R. Nagy. 2,542,091, Feb. 20.
Zinc sulfide, Making a luminescent. S. Rothschild. 2,541,384, Feb. 13.
Zinc sulfide phosphor, Preparing. S. Rothschild. 2,546,239, Mar. 27.
Zinc sulfide X-ray phosphors. R. L. Longini. 2,571,905, Oct. 16.
Zircon refractory, Making. J. M. Mochel. 2,553,265, May 15.
Zirconia-containing silicate glass. I. Mockrin and A. E. Pavlish. 2,566,134, Aug. 28.
Zirconium alloys, Production of. S. C. Pyk. 2,558,627, June 26.
Zirconium and hafnium recovery and purification process. J. A. Ayres. 2,567,661, Sept. 11.
Zirconium and hafnium separation process. E. H. Huffman and L. J. Beaufait, Jr. 2,566,665, Sept. 4.
Zirconium compounds, Preparing. C. de Rohden and M. Paquet. 2,564,522, Aug. 14.
Zirconium-hafnium separation process. K. Street, Jr. 2,546,953, Mar. 27.
Zirconium, Manufacture of. W. C. Lilliendahl and H. C. Rentschler. 2,537,068, Jan. 9.
Zone reader, Inhibition. J. H. Brewer. 2,577,069, Dec. 4.

1951

LIST OF DESIGN INVENTIONS

Accelerometer and gradometer or the like, Combination. R. P. Buschmann and V. Jensen. 165,050, Nov. 6.
Accordion. E. Bonvicini. 165,321, Dec. 4.
Accordion. F. H. Magnus. 162,670, Mar. 27.
Accordion, Chromatic. F. H. Magnus. 162,554, Mar. 20.
Accounting machine. L. V. A. Guild. 165,068, Nov. 6.
Adapter, Coat hanger. J. E. Lynch. 162,048, Feb. 20.
Adding apparatus, Pocket. K. R. Pangburn. 163,135, May 1.
Adding apparatus unit, Pocket. K. R. Pangburn. 163,136, May 1.
Advertising device. E. H. Sanders. 164,736, Oct. 2.
Advertising device or similar article. L. Casper. 163,255, May 15.
Advertising display. J. Andriessen. 163,841, July 10.
Advertising display. J. L. D. Morrison. 164,703–4, Oct. 2.
Air circulator. S. B. Camiel. 162,627, Mar. 27.
Air circulator unit. J. W. Kisling. 162,663, Mar. 27.
Air circulator unit. J. W. Kisling. 163,049, Apr. 24.
Air conditioner. J. E. Long. 164,937, Oct. 23.
Air conditioning and circulating unit. C. W. Hahl. 164,772, Oct. 9.
Air conditioning unit, Self-contained. L. Guid. 162,297, Mar. 6.
Aircraft carrier. W. Wiggins, Jr. 164,270, Aug. 14.
Air distribution outlet. W. W. Kennedy. 162,181, Feb. 27.
Airplane. V. J. Burnelli. 162,517, Mar. 20.
Airplane. V. J. Burnelli. 164,843, Oct. 16.
Airplane. J. B. Graham. 163,514, June 5.
Airplane. A. Kartveli. 161,460, Jan. 2.
Airplane. A. Kartveli. 162,177, Feb. 27.
Airplane. E. M. Lanier. 162,321, Mar. 6.
Airplane. J. F. Liebhaber. 164,119, July 31.
Airplane. D. W. Main. 165,084, Nov. 6.
Airplane. R. W. Maneval. 163,530, June 5.
Airplane. H. V. Ramírez. 163,818, July 3.
Airplane. J. C. Risico. 163,819, July 3.
Airplane. F. M. Salisbury. 162,229, Feb. 27.
Airplane. F. E. Schier. 164,066, July 24.
Airplane. C. V. Sol and P. Graban. 163,778, June 26.
Airplane. J. W. Thorp. 163,913, July 10.
Airplane and automobile, Combination. A. F. Vinje. 163,722, June 19.
Album, Photograph. H. and B. Orzechowski. 164,441, Sept. 4.
Alphabet for forming monograms or the like. F. A. Brady. 161,999, Feb. 20.
Alphabet for forming monograms or the like. M. Caplan. 164,401, Sept. 4.
Alphabet for forming monograms or the like. C. A. Spanganberg. 163,906–8, July 10.
Alphabet for forming monograms or the like. N. J. Stupell. 162,094–5, Feb. 20.
Alphabet for forming monograms or the like. N. J. Stupell. 164,742, Oct. 2.
Alphabet for forming monograms or the like. H. C. Vaisey and J. R. Whitehouse. 162,099, Feb. 20.
Altar. S. H. Bank. 161,728, Jan. 30.
Amplifier. W. C. De Vry. 164,289, Aug. 21.
Amulet. L. E. Cooke. 161,737, Jan. 30.
Amusement device. V. Hammer. 162,824, Apr. 10.
Amusement machine, Electrically operated. B. T. McManus. 164,309, Aug. 21.
Anchor, Sea. P. W. Polenz. 162,874, Apr. 10.
Angle head for rotary tools. J. A. Price and J. D. Rutzebeck. 162,877, Apr. 10.
Antenna and weather vane, Combined. E. F. McDonald, Jr. 164,938, Oct. 23.
Antenna rotator. F. Weiss. 161,979, Feb. 13.
Antenna, Television. M. D. Ercolino. 162,526–8, Mar. 20.
Apparatus for cleaning automobile radiators and the like. H. M. Dunn and D. Oles. 161,910, Feb. 13.
Apparatus for determining the application of cosmetics. S. de Gorin. 165,137, Nov. 13.
Apparel belt and writing implement, Combined. A. Rothchild. 163,823, July 3.
Applicator for fingernail polish and the like, Adjustable. J. Klugmann. 164,504, Sept. 11.
Applicator for hair treatment. D. L. Adams. 161,607, Jan. 16.
Apron. F. Collingwood. 164,672, Oct. 2.
Apron. K. G. F. and M. Krigsman. 161,693, Jan. 23.
Apron. M. Porter. 162,984, Apr. 17.
Apron. L. D. Sinay. 161,968, Feb. 13.
Apron, Child's. C. McEwen. 163,304, May 15.
Apron in the form of a puppet, Child's. H. Savron. 162,994, Apr. 17.
Apron or similar article. R. B. Kriegel. 164,643, Sept. 25.
Apron or similar article. D. B. Schwartzman. 162,235, Feb. 27.
Apron or similar article. D. B. Schwartzman. 163,543, June 5.
Apron or similar article. D. B. Schwartzman. 163,641, June 12.
Aquarium unit. L. Feldman. 163,377, May 22.
Armchair. J. S. Burdick. 164,897–8, Oct. 23.
Armchair. R. A. Cramer. 165,052, Nov. 6.
Artificial denture. M. Beresin. 164,471, Sept. 11.
Ash tray. H. G. Arnold. 165,044, Nov. 6.
Ash tray. H. M. Brewster. 163,788, July 3.
Ash tray. T. E. Cross. 162,130, Feb. 27.
Ash tray. T. H. Davis. 162,012, Feb. 20.
Ash tray. R. C. Dixon. 162,937, Apr. 17.
Ash tray. H. G. Frampton. 162,144, Feb. 27.
Ash tray. M. E. Gerlat. 164,414, Sept. 4.
Ash tray. J. G. Hoehn. 164,497, Sept. 11.
Ash tray. T. H. Kinkade. 165,336, Dec. 4.
Ash tray. M. Kursh. 164,177, Aug. 7.
Ash tray. V. J. Mahony. 164,120, July 31.
Ash tray. J. A. Moore. 165,538, Dec. 25.
Ash tray. E. F. Nelson. 162,060, Feb. 20.
Ash tray. C. P. Oakley. 165,481, Dec. 18.
Ash tray. L. E. Ohlander. 162,214, Feb. 27.
Ash tray. H. A. Packard. 162,442, Mar. 13.
Ash tray. L. J. Paumen. 164,057, July 24.
Ash tray. W. Trautner. 164,337, Aug. 21.
Ash tray. J. Tschudi. 164,972, Oct. 23.
Ash tray. D. H. Wasson. 163,005, Apr. 17.
Ash tray and coaster, Combination. F. E. Gillespie, Jr. 164,296, Aug. 21.
Ash tray and glass holder, Combined. J. Ibanez. 162,037, Feb. 20.
Ash tray and glass holding unit, Combined. J. Ibanez. 162,036, Feb. 20.
Ash tray and holder for coins, game chips, cigarettes, and matches, Combined. J. Meyer, S. Strauss, and S. Stutzel. 163,889, July 10.
Ash tray and match book holder, Combination. R. J. MacDonald. 163,054, Apr. 24.
Ashtray and signal, Combined. J. F. Walsh and D. Webster. 164,144, July 31.
Ash tray and snuffer, Combined. E. Wedemeyer. 163,918, July 10.
Ash tray, cigarette holder, and extinguisher, Combined. R. D. Miller. 164,250, Aug. 14.
Ash tray, cigarette holder, and lighter, Combined. S. Adler. 163,984, July 24.
Ash tray or the like. O. Andresen. 165,409, Dec. 18.
Attachment for a handbag or the like, Glove holding. D. D. Leavy. 162,669, Mar. 27.
Attachment for a washing machine leg. E. Fuerst. 164,486, Sept. 11.
Attachment for bottles, Order holding. G. H. Lawhorn. 164,430, Sept. 4.
Attachment for carpenters' squares, Level and plumb. T. T. King. 162,841, Apr. 10.
Attachment for garment hanger. S. L. Yett. 162,702, Mar. 27.
Attachment for handbags or the like, Glove holding. P. Weinberg. 165,123, Nov. 6.
Attachment for spinning balloons, Jet-propelled. J. Kennedy. 161,939, Feb. 13.
Automobile. H. A. Darrin. 161,430, Jan. 2.
Automobile. H. J. Earl. 162,136–8, Feb. 27.
Automobile. A. E. Fry. 164,683, Oct. 2.
Automobile. A. Ronning. 162,884, Apr. 10.
Automobile. P. Schlumbohm. 165,195, Nov. 13.
Automobile. H. Thompson. 163,339, May 15.
Automobile. M. H. Toncray and F. S. Spring. 164,208, Aug. 7.
Automobile and airplane, Combination. E. C. La Voque. 164,371, Aug. 28.
Automobile body. M. H. Allen. 164,149, Aug. 7.
Automobile bumper attachment or similar article. W. B. Ford, II. 165,331, Dec. 4.
Automobile dash tray. L. E. Russell. 162,228, Feb. 27.
Automobile exhaust pipe extension. B. W. McCartney. 163,955, July 17.
Automobile exhaust pipe extension. L. E. Russell. 164,202, Aug. 7.
Automobile exhaust pipe extension. L. E. Russell. 164,960, Oct. 23.
Automobile gasoline door guard. P. E. Allen. 163,920–7, July 17.

Automobile gasoline door guard. M. B. Kramer. 165,292, Nov. 27.
Automobile lamp lens housing. F. Reynolds. 163,541, June 5.
Automobile lamp lens housing. D. E. Scott. 163,825, July 3.
Automobile lock and lamp housing, Combined. H. T. Bannister. 161,411, Jan. 2.
Automobile stone shield. T. L. Martin. 165,537, Dec. 25.
Awning. J. H. O'Brien. 164,257, Aug. 14.
Awning. I. P. Smith. 164,738–9, Oct. 2.
Awning or similar article. N. L. Etten. 163,939, July 17.
Awning or similar article. N. L. Etten. 165,064, Nov. 6.
Baby bath or similar article. H. L. Kirby. 163,757, June 26.
Baby carriage or similar article. L. Gottfried. 163,513, June 5.
Baby chair and high chair, Combined. C. B. McKean. 163,619, June 12.
Baby walker. V. Schreckengost. 163,827–8, July 3.
Backguard panel for cooking stoves. R. E. Hitchcock. 164,925, Oct. 23.
Badge. B. Creason. 163,793, July 3.
Badge. R. J. Harper. 164,303, Aug. 21.
Badge. A. L. Murphy. 163,895, July 10.
Badge. R. C. Murray. 162,334, Mar. 6.
Badge or similar article. H. B. Colborn. 162,385, Mar. 13.
Badge or similar article. L. R. Joutel. 164,369, Aug. 28.
Badge or similar article. W. D. Money. 164,312, Aug. 21.
Bag, Baby's sleeping. E. Lehigh. 163,809, July 3.
Bag, Open mesh knitted shoulder. J. Molinari. 161,954, Feb. 13.
Bag or similar article. L. Levy and C. Rosenfield. 165,293, Nov. 27.
Bag, Traveling. E. E. Adams. 163,552, June 12.
Bail ear. N. R. Cooke. 164,159, Aug. 7.
Baker, Swiss wafer. T. Mojonnier. 163,305, May 15.
Ball. W. A. Whittaker. 162,264, Feb. 27.
Band saw. W. F. Ocenasek. 164,649, Sept. 25
Bank. G. W. Harris. 164,364, Aug. 28.
Bank and picture frame, Combined coin savings. M. C. Moran. 164,251–2, Aug. 14.
Bank and stand, Combined. S. Hoffmann. 161,838, Feb. 6.
Bank, Coin. O. H. Brasier. 164,400, Sept. 4.
Bank, Coin. R. V. Moran. 163,307–11, May 15.
Bank, Coin actuated calendar. A. E. Maage, Jr. 165,385, Dec. 11.
Bank, Money. A. G. Ball. 162,612, Mar. 27.
Bank, Money. J. Goodman. 163,943, July 17.
Bank or similar container, Monkey coin. J. B. Stier. 162,255, Feb. 27.
Bar, Buffet. M. Renna. 163,901, July 10.
Bar, Extendable and portable. C. J. Zeman. 163,013, Apr. 17.
Bar for automobile fenders or the like, Trim. L. A. Hunting and L. M. Goldstine. 162,167, Feb. 27.
Bar of soap or similar article. E. Baden. 164,274, Aug. 21.
Bar, Sacroiliac. J. A. O'Gatty. 162,337, Mar. 6.
Bar, Serving. E. N. Panole. 164,942, Oct. 23.
Barbecue machine. J. S. Francks. 162,946, Apr. 17.
Barbecue, Portable. C. A. Campbell. 163,090, May 1.
Barbecue unit. K. M. Roth. 164,881, Oct. 16.
Barrette. T. Friedman. 163,687, June 19.
Barrette. S. F. Kayn. 163,124, May 1.
Barrette or similar article. E. M. Walls. 162,363, Mar. 6.
Barrette or the like. M. H. Todfield. 161,554, Jan. 2.
Base for a hosiery leg form. C. Vermann. 161,665, Jan. 16.
Base for a hosiery leg form. C. Vermann. 161,721, Jan. 23.
Base for a worktable or the like. M. T. Voigt. 164,528, Sept. 11.
Base for an electrical cooking unit. A. S. Knapp. 164,781, Oct. 9.
Base for electric drink mixer. G. W. Florian. 163,031, Apr. 24.
Base for lamps, stands, and the like. I. Fiori. 161,437, Jan. 2.
Base for power mowers. G. J. Shaw. 163,643, June 12.
Base for table top oven, Electric. D. L. Painter. 162,573, Mar. 20.
Base, Lamp. N. J. Kaplan. 163,122–3, May 1.
Base, Lamp. J. M. Pendleton. 164,195, Aug. 7.
Base, Lamp. L. Secrist. 162,586, Mar. 20.
Base, Lamp. E. Van Deusen. 162,906, Apr. 10.
Basin and cabinet, Combined wash. J. T. Mallory. 164,872, Oct. 16.
Basin and utility cabinet, Combination wash. B. F. McMahon. 164,787, Oct. 9.
Basin, Hairdresser's. R. Barrow. 164,350, Aug. 28.
Basket or the like, Berry. H. G. Long and M. D. Youker. 162,967, Apr. 17.
Bathing suit. S. Annis. 163,081, May 1.
Bathing suit. F. Torok. 161,555, Jan. 2.
Bathing suit, Two-piece. S. Annis. 163,082, May 1.
Battery charger. C. Shuler and C. J. Godfrey. 163,645, June 12.
Battery service kit. R. B. Edelmann. 164,903, Oct. 23.
Battery tester. F. Sparr. 165,309, Nov. 27.
Bean pot, Electric. D. L. Painter. 161,783, Jan. 30.
Bed. E. Herrmann. 165,074, Nov. 6.
Bed. W. E. Peery. 164,058, July 24.
Bed. J. M. Rowland. 164,200, Aug. 7.
Bed and food tray for pets, Combination. G. H. Herbert. 163,603, June 12.
Bed leg. C. B. Colson. 163,027, Apr. 24.
Bed or similar article. E. W. Springs. 163,650, June 12.
Bed, Sofa. H. B. Fouts. 164,563, Sept. 18.
Bedstead. W. S. Harris. 163,949, July 17.
Bedstead or similar article. O. C. Robbins. 165,245, Nov. 20.
Bed, Vehicular trailer. E. S. Grilley and J. R. Nolan. 163,455, May 29.
Bell. S. S. Sarna. 164,737, Oct. 2.
Belt. H. Stelzer. 164,523, Sept. 11.
Belt buckle or the like. L. Fantaccione. 164,986, Oct. 30.
Belt, Lady's. C. C. Wade and J. C. Sherman. 161,666, Jan. 16.
Belt or similar article. L. L. Blumenfeld. 164,840, Oct. 16.
Belt or similar article. C. S. Raucher. 163,480, May 29.
Belt, purse, and pen, Combined. A. Rothchild and H. B. Orloff. 165,112, Nov. 6.
Bench. R. L. Smith and M. M. Sullivan. 163,647, June 12.
Bench or similar article. T. M. Dunham. 164,225, Aug. 14.
Bench or the like, Peg. S. R. Eibetz. 163,170, May 8.
Bench, Piano. B. A. Kandarian. 165,077, Nov. 6.
Beverage maker. J. N. Polivka. 164,062, July 24.
Bib, Child's. J. R. Arseneault. 161,608, Jan. 16.
Bicycle. H. W. Kranz. 162,964, Apr. 17.
Bicycle. H. W. Kranz. 163,462, May 29.
Bicycle. H. Sebel. 163,227, May 8.
Bicycle. E. D. Tilley. 164,074, July 24.
Bicycle or similar article. C. H. Parton. 161,960, Feb. 13.
Bicycle or similar article. S. Wilkens. 161,983, Feb. 13.
Billfold back or similar article, Artificial leather. J. Barash. 162,114, Feb. 27.
Billfold, cardcase, coin purse, and key case, Combined. H. R. Godfrey. 163,379, May 22.
Binocular. L. del Riccio. 163,855, July 10.
Birdhouse. M. E. Nissen. 164,707, Oct. 2.
Birdhouse. E. T. Worden. 163,666, June 12.
Blade-dispensing magazine. M. J. Shnitzler and M. D. Benedict, Jr. 164,332, Aug. 21.
Blade magazine. B. Bowen and J. Wark. 162,283, Mar. 6.
Block, Building. W. Clukie. 164,625, Sept. 25.
Block, Molded building. W. J. Waller. 161,722, Jan. 23.
Blocking device for ophthalmic lenses. J. F. McCarthy. 162,673, Mar. 27.
Blouse. S. Kantarof. 163,288, May 15.
Blouse. J. Kaye. 164,690–1, Oct. 2.
Blouse. J. Orloff. 161,496–520, Jan. 2.
Blouse. J. Orloff. 162,562–72, Mar. 20.
Blouse. J. Orloff. 162,868–9, Apr. 10.
Blouse. J. Orloff. 165,099–107, Nov. 6.
Blouse, Knitted slipover adjustable neckline. J. Hayward. 162,953, Apr. 17.
Blouse or the like. S. Elias. 164,559, Sept. 18.
Blower unit for cooking stove hoods, Exhaust. H. N. Butler and T. A. Sibley, Jr. 161,821, Feb. 6.
Board, Console instrument. W. J. O'Connor. 162,437–9, Mar. 13.
Board, Console instrument. W. J. O'Connor. 162,866, Apr. 10.
Board, Cribbage C. C. Alford. 164,148, Aug. 7.
Board, Cribbage. C. R. Durgin. 164,766. Oct. 9.
Board, Electric control panel. E. T. Platz, W. Roberston, and L. W. Higgins. 162,340–2, Mar. 6.
Board, Food chopping. R. P. Permenter. 164,804, Oct. 9.
Board, Game. K. C. Angelus. 163,842, July 10.
Board, Game. M. Atlas. 162,770, Apr. 10.
Board, Game. R. M. Boyle. 162,709, Apr. 3.
Board, Game. C. K. Corwin. 163,571, June 12.
Board, Game. V. A. Hinzenberg. 164,495, Sept. 11.
Board, Game. M. B. Lorenzana and F. B. Lemi. 162,742, Apr. 3.
Board, Game. T. J. Meyer. 163,957, July 17.
Board, Game. R. Pellicone. 162,685, Mar. 27.
Board, Game. R. L. Robbins, Jr. 163,068, Apr. 24.
Board, Game. R. L. Robbins, Jr. 163,325, May 15.
Board, Game. P. E. Wahlberg and N. V. Johnson. 162,700, Mar. 27.
Board, Illuminating clip. C. E. Warnell. 164,615, Sept. 18.
Board, Pilot's clip. W. L. Whittier. 164,269, Aug. 14.
Board or similar article, Game. J. W. Connolly. 162,386, Mar. 13.
Boat, Decorative. C. Mueller, Jr. 161,861, Feb. 6.
Boat, Motor. W. Wiggins, Jr. 162,266, Feb. 27.
Boat, Tug. W. Wiggins, Jr. 164,394, Aug. 28.
Bobsled, Child's. H. McBride. 162,672, Mar. 27.
Boiler, Portable steam. R. A. Sharp. 165,307, Nov. 27.
Bonnet or the like. M. Deslauriers. 162,014, Feb. 20.
Book. J. P. Murphy. 164,591, Sept. 18.
Book end. B. M. Morris. 163,536, June 5.
Book end or similar article. L. T. Cardevaant. 165,263, Nov. 27.

Bookholder and lamp, Combined. E. Lofgren. 164,247, Aug. 14.
Bookmark. A. V. Wagner. 163,657, June 12.
Book, Photograph record. A. G. De Vry. 162,525, Mar. 20.
Booklet, Greeting card index display. R. M. Garrison. 161,580, Jan. 9.
Boot. C. H. Baker. 165,214–15, Nov. 20.
Boot. G. H. Bingham, Jr. 164,155, Aug. 7.
Boot. G. H. Bingham, Jr. 164,667, Oct. 2.
Boot. G. H. Bingham, Jr. 164,977, Oct. 30.
Boot. G. Lewis. 163,300, May 15.
Boot. S. C. Spinali. 165,400, Dec. 11.
Bootclip or similar article. G. F. and M. C. Oest. 162,336. Mar. 6.
Boot, Cowboy. J. S. Justin, Jr. 164,502, Sept. 11.
Boot for dolls, Rubber. E. Gottschalk. 162,818, Apr. 10.
Boot or similar article. J. E. Hard. 162,158, Feb. 27.
Boot or similar article. J. E. Hard. 162,952, Apr. 17.
Boot or similar article. J. E. Hard. 164,235, Aug. 14.
Boot or similar article. S. Kaplan. 164,116, July 31.
Booth, Child's play. J. M. Webster. 164,748, Oct. 2.
Bottle. L. A. Bruns. 165,361, Dec. 11.
Bottle. M. J. V. P. de Montesquiou Fezensac. 163,937, July 17.
Bottle. D. Deskey. 161,825, Feb. 6.
Bottle. J. B. Ellena. 163,105, May 1.
Bottle. B. D. Fuerst. 163,454, May 29.
Bottle. Y. Lanvin. 161,471, Jan. 2.
Bottle. A. I. Lorenzen. 161,698, Jan. 23.
Bottle. H. A. Markus. 161,637, Jan. 16.
Bottle. A. Perlman. 165,108, Nov. 6.
Bottle. E. Rachins. 165,110. Nov. 6.
Bottle. J. Serra. 164,964, Oct. 23.
Bottle. E. H. Southwell. 163,717, June 19.
Bottle. N. F. Steuer. 162,254, Feb. 27.
Bottle. F. A. Vuillemenot and F. R. High. 165,122, Nov. 6.
Bottle. W. G. Walkley and W. M. Leonard. 165,313, Nov. 27.
Bottle. J. F. Watson. 163,343, May 15.
Bottle and holder therefor or similar article, Combined perfume. J. Despres. 164,765, Oct. 9.
Bottle and lunch holder, Heat-insulated. E. L. Watkins. 163,782, June 26.
Bottle cap. L. Medgyes. 164,193, Aug. 7.
Bottle closure or the like. W. Satz. 162,993, Apr. 17.
Bottle, Decanter. J. Collins and H. A. Bowman. 164,477, Sept. 11.
Bottle, Decanter. E. L. Du Pree. 164,677–8, Oct. 2.
Bottle guard or similar article, Infant's. R. Miller. 165,235, Nov. 20.
Bottle, Hot-water. D. Atkin. 164,084–8, July 31.
Bottle, Hot-water. D. Atkin. 164,975, Oct. 30.
Bottle, Milk. N. A. Henderson. 164,112, July 31.
Bottle opener and cap sealer. H. McFarland. 161,483, Jan. 2.
Bottle or similar article. M. J. Gale. 163,595, June 12.
Bottle or similar article, Baby's nursing. L. A. Dvonch. 165,274, Nov. 27.
Bottle or the like, Perfume. P. E. Roehrich. 164,327, Aug. 21.
Bottle or the like, Perfume. P. E. Roehrich. 164,449, Sept. 4.
Bottle, Perfume. F. Ferraro. 162,721, Apr. 3.
Bottle, Round. B. D. Fuerst. 163,453, May 29.
Bottle, Serving. M. A. Weisbrot. 165,499, Dec. 18.
Bow necktie. W. D. Blackwell. 164,979, Oct. 30.
Bowtie. D. Moses. 163,537, June 5.
Bowl. A. S. Yecko and R. H. Fitzgerald. 164,659, Sept. 25.
Bowl, Batter. C. M. Burroughs. 163,849, July 10.
Bowl for a coffee brewer, Upper. E. C. Neuman. 165,388, Dec. 11.
Bowl or article of similar nature. T. C. Heisey. 162,411, Mar. 13.
Bowl or similar article, Compartmented dressing. T. C. Heisey. 162,412, Mar. 13.
Bowl or similar article, Glass. C. W. Carlson. 165,264, Nov. 27.
Bowl or similar article, Sugar. R. Dopera. 162,938, Apr. 17.
Bowl, Sugar. R. G. Cowan. 164,406, Sept. 4.
Bowl, Sugar. R. Wright. 161,605, Jan. 9.
Bowl, Sugar. E. S. Zeisel. 164,661, Sept. 25.
Box. B. C. Brazeau. 162,710, Apr. 3.
Box. F. McIntosh. 161,949, Feb. 13.
Box. B. Yellin. 165,256, Nov. 20.
Box, Book. W. J. Bargen. 161,892, Feb. 13.
Box, Fez. C. Kreuter and H. F. Jordan. 161,844, Feb. 6.
Box, Front opening watch. F. E. Blod and A. M. Blumenfeld. 161,898, Feb. 13.
Box, Glove. G. V. Mazza. 163,303, May 15.
Box, Jewelry. P. A. Anderson. 164,272, Aug. 21.
Box, Jewelry. P. J. Kully. 163,953, July 17.
Box, Jewelry. M. Weill. 162,364, Mar. 6.
Box, Jewelry. M. Weill. 163,006, Apr. 17.
Box, Lunch. L. Welk. 164,658, Sept. 25.
Box, Music. L. G. Kelley. 164,003, July 24.
Box or similar article. H. Ruskin. 164,516, Sept. 11.
Box or similar article, Bread. N. W. Roop. 164,329, Aug. 21.
Box or similar article, Fare collection. M. L. Grant. 161,689, Jan. 23.
Box or similar article, Lady's handkerchief. T. Tornabe. 164,336, Aug. 21.
Box or similar article, Pill. D. V. Carnevale. 161,612, Jan. 16.
Box or similar article, Refrigerator. R. K. Gibbs. 162,151, Feb. 27.
Box or similar article, Ring. W. B. Petzold. 162,983, Apr. 17.
Box, Perfume. J. L. Younghusband. 164,755, Oct. 2.
Box, Ring. N. Barbieri. 162,923, Apr. 17.
Box, Shoeshine. J. J. Mekalainas. 161,638, Jan. 16.
Box, Stocking. S. P. Voice. 163,914, July 10.
Box top. G. Posner. 165,301, Nov. 27.
Brace for a spectacle temple or similar article. H. Weissman. 164,889, Oct. 16.
Bracelet. S. A. Bastio. 163,352, May 22.
Bracelet. H. R. Wishengrad. 164,343, Aug. 21.
Bracelet and lapel watchcase or similar article, Combined watch. B. Khalaf. 163,461, May 29.
Bracelet and watch, Combined watch. S. Fass. 163,451, May 29.
Bracelet, Expansible. S. Meyerson. 163,211, May 8.
Bracelet, Expansible. J. J. Vastano. 161,556, Jan. 2.
Bracelet, Expansible wrist watch. P. A. Gagnon. 163,270, May 15.
Bracelet or similar article. M. Boucher. 161,566, Jan. 9.
Bracelet or similar article. M. Chernow. 163,989, July 24.
Bracelet or similar article. M. Chernow. 164,550, Sept. 18.
Bracelet or similar article. J. Fels. 164,629, Sept. 25.
Bracelet or similar article. A. Philippe. 162,079, Feb. 20.
Bracelet or similar article. A. Philippe. 162,458, Mar. 13.
Bracelet or similar article. A. Philippe. 162,748, Apr. 3.
Bracelet or similar article. S. Ritter. 161,963, Feb. 13.
Bracelet or the like. A. Philippe. 164,711, Oct. 2.
Bracelet or the like. A. Philippe. 164,730, Oct. 2.
Bracelet or the like. A. Philippe. 164,808, Oct. 9.
Bracelet or the like. A. Philippe. 164,816, Oct. 9.
Bracelet or the like. A. Philippe. 165,300, Nov. 27.
Bracelet or the like. A. Philippe. 165,549, Dec. 25.
Bracelet or the like, Expansible. S. Meyerson. 162,973, Apr. 17.
Bracelet or the like, Expansible. S. Meyerson. 163,212–16, May 8.
Bracelet or the like, Expansible. S. Meyerson. 163,621, June 12.
Bracelet or the like, Expansible. S. Meyerson. 164,249, Aug. 14.
Bracelet or the like, Expansible. S. Meyerson. 164,790, Oct. 9.
Bracelet or the like, Watch. L. E. Valcourt. 163,980–2, July 17.
Bracelet, Watch. R. Bohnenberger. 164,472, Sept. 11.
Bracket and flower holder or the like, Combined wall. M. Iwanoski. 163,870, July 10.
Bracket, Automobile visor roof mount. R. E. Dieterich. 164,410, Sept. 4.
Bracket, Automotive mirror. A. I. Appleton. 163,160, May 8.
Bracket for automobile visor, Pillar mounting. R. E. Dieterich. 165,138, Nov. 13.
Bracket for memorandum pad, Telephone. B. H. Ives. 164,173, Aug. 7.
Bracket for supporting kitchen articles. B. H. Ives. 162,958, Apr. 17.
Bracket, Shelf. P. F. Simpson. 164,266, Aug. 14.
Bracket, Telephone memorandum. J. B. O'Donnell, Jr. 161,864, Feb. 6.
Bracket, Towel bar. W. M. Crook. 163,444, May 29.
Brassière. H. J. Dubner. 161,615–16, Jan. 16.
Brassière. V. Fredericks. 164,485, Sept. 11.
Brassière. I. Gimble and D. Musano. 162,400, Mar. 13.
Brassière. J. Heim and M. R. Lebigot. 161,628, Jan. 16.
Brassière. W. Rosenthal. 162,691–2, Mar. 27.
Brassière. C. M. Sachs. 164,387, Aug. 28.
Brassière. L. L. Schenk. 164,137, July 31.
Brassière halter. E. W. Gluckin. 164,987, Oct. 30.
Brassière or similar article. M. Newman. 162,681–2, Mar. 27.
Brassière slip, Strapless. H. Roth. 163,822, July 3.
Brassière slip, Strapless. M. M. Saffir. 163,968, July 17.
Breadbox or the like. M. C. Lumley. 161,771, Jan. 30.
Broiler, Basket hand. J. W. Doblin. 164,107, July 31.
Broiler, Electric. H. Sado. 162,887, Apr. 10.
Brooch. H. Bragado. 164,280, Aug. 21.
Brooch and locket, Combined. C. G. Bess. 163,244, May 15.
Brooch or similar article. M. Boucher. 161,415, Jan. 2.
Brooch or similar article. C. F. Gierke. 165,520, Dec. 25.
Brooch or similar article. A. Katz. 161,464, Jan. 2.
Brooch or similar article. A. Katz. 161,936, Feb. 13.
Brooch or similar article. A. Katz. 162,417–21, Mar. 13.
Brooch or similar article. A. Katz. 163,186–97, May 8.
Brooch or similar article. A. Katz. 163,199, May 8.
Brooch or similar article. A. Katz. 163,202–5, May 8.
Brooch or similar article. A. Katz. 165,005, Oct. 30.
Brooch or similar article. A. Katz. 165,158–64, Nov. 13.
Brooch or similar article. M. Kramer. 162,666, Mar. 27.
Brooch or similar article. A. Philippe. 162,069–71, Feb. 20.

Brooch or similar article. A. Philippe. 162,077–8, Feb. 20.
Brooch or similar article. A. Philippe. 162,446, Mar. 13.
Brooch or similar article. A. Philippe. 162,451–4, Mar. 13.
Brooch or similar article. A. Philippe. 162,456, Mar. 13.
Brooch or similar article. A. Philippe. 162,460–1, Mar. 13.
Brooch or similar article. A. Philippe. 162,466–7, Mar. 13.
Brooch or similar article. A. Philippe. 163,962, July 17.
Brooch or similar article. A. Philippe. 164,130–2, July 31.
Brooch or similar article. A. Philippe. 164,720–6, Oct. 2.
Brooch or similar article. A. Philippe. 164,811, Oct. 9.
Brooch or similar article. A. Philippe. 164,951–4, Oct. 23.
Brooch or similar article. A. Philippe. 165,020, Oct. 30.
Brooch or similar article. A. Philippe. 165,298, Nov. 27.
Brooch or similar article. A. Philippe. 165,541, Dec. 25.
Brooch or the like. A. Katz. 165,006–9, Oct. 30.
Brooch or the like. A. Katz. 165,165–71, Nov. 13.
Brooch or the like. A. Katz. 165,286, Nov. 27.
Brooch or the like. A. Katz. 165,460–8, Dec. 18.
Brooch or the like. A. Katz. 165,527–8, Dec. 25.
Brooch or the like. A. Philippe. 165,544–6, Dec. 25.
Brooch or the like, Separable. A. Katz. 165,287–90, Nov. 27.
Brooch or the like, Separable. A. Katz. 165,334, Dec. 4.
Brooch, Separable. A. Katz. 163,200, May 8.
Brush for bottles, Dispensing. S. Petrosky. 165,109, Nov. 6.
Brush, Fountain. A. H. and R. H. Flater. 165,368, Dec. 11.
Brush, holder, and cosmetic container, Combination. J. L. La Mura. 161,695, Jan. 23.
Brush, Pocket hat. E. F. Newman. 161,641, Jan. 16.
Brush, scraper, and powder adapter, Combined denture. C. D. Ehrman. 162,941, Apr. 17.
Brush, Utility. J. W. Kaye. 165,172–4, Nov. 13.
Bubble blower. J. B. Joyce. 162,414, Mar. 13.
Bucket, Minnow. A. Keiding and E. L. Buerger. 163,697, June 19.
Buckle. S. E. Kelman. 162,313, Mar. 6.
Buckle. C. Klee. 161,467, Jan. 2.
Buckle. P. W. White. 161,560, Jan. 2.
Buckle, Belt. A. Bliss. 164,093, July 31.
Buckle, Belt. A. Bliss. 165,262, Nov. 27.
Buckle, Belt. J. F. Jackson. 161,632, Jan. 16.
Buckle, Belt. L. L. Shores. 163,334, May 15.
Buckle finding. A. S. Spear. 161,549, Jan. 2.
Buckle for children's garments, Strap. J. Gomberg. 161,440, Jan. 2.
Buckle or similar article, Belt. J. R. Craighead. 165,413, Dec. 18.
Building. R. A., G. C., and W. L. Billups. 164,278, Aug. 21.
Building. T. M. Doram. 165,060, Nov. 6.
Building. F. R. Kollmansperger. 161,768, Jan. 30.
Building. C. R. Perkins. 162,982, Apr. 17.
Building. G. D. Tesch. 165,405, Dec. 11.
Building panel or the like. R. W. Haman, A. B. Girardy, and D. W. Doman. 164,856, Oct. 16.
Building, Portable. W. O. King. 164,305, Aug. 21.
Bulldozer. R. G. Le Tourneau. 162,850, Apr. 10.
Bulldozer. R. G. Le Tourneau. 163,298, May 15.
Bulletin board. H. J. Roberts. 161,535, Jan. 2.
Bumper, Automobile. M. J. O'Leary. 162,215, Feb. 27.
Bumper guard, Automobile. G. A. Lasko. 163,525, June 5.
Burner for a gas range, Top. J. E. Chambers. 164,282, Aug. 21.
Burner or similar article, Fluid fuel. R. W. Beckett. 163,671, June 19.
Burner unit, Invertible oil. A. N. Sorensen. 161,881, Feb. 6.
Butter spreader or similar article. W. A. Morris. 162,059, Feb. 20.
Button or similar article, Lapel. G. A. Bronson. 162,514, Mar. 20.
Cab or the like, Tractor. F. H. Barton. 162,116, Feb. 27.
Cab, Truck. B. C. Harris. 163,279, May 15.
Cabin cruiser. W. Wiggins, Jr. 165,126, Nov. 6.
Cabinet. W. R. Porter. 165,241–3, Nov. 20.
Cabinet and breakfast table, Combination kitchen. O. B. Marshall. 165,536, Dec. 25.
Cabinet and chair therefor, Combined sewing machine. A. Schukat. 165,554, Dec. 25.
Cabinet, Art. P. F. B. Stahl. 164,141, July 31.
Cabinet, Child's. F. Marsyl. 162,205, Feb. 27.
Cabinet, Combination television and radio-phonograph. S. E. Adler. 163,838, July 10.
Cabinet, Combined radio-phonograph and television. S. E. Adler. 162,920, Apr. 17.
Cabinet, Combined radio, phonograph, and television. S. E. Adler. 163,730, June 26.
Cabinet, Combined television and radio-phonograph. S. E. Adler. 163,014, Apr. 24.
Cabinet, Combined television and radio-phonograph. S. E. Adler. 163,237–8, May 15.
Cabinet, Dishwasher. J. Stanitz. 164,740, Oct. 2.
Cabinet, Display. C. Kafer. 164,689, Oct. 2.
Cabinet, Drink accessory. K. Brocken. 163,847, July 10.
Cabinet, File. E. F. Thomson. 162,493, Mar. 13.
Cabinet for a heater or the like. L. H. Wilson. 162,268, Feb. 27.
Cabinet for a heater or the like. L. H. Wilson. 163,235, May 8.
Cabinet for an air-conditioning unit or similar article. W. D. Teague and R. H. Ensign. 165,494, Dec. 18.
Cabinet for an electric printing machine. W. R. H. Moon. 161,639, Jan. 16.
Cabinet for popcorn, Storage. S. M. Waas. 164,612, Sept. 18.
Cabinet for toilet articles or similar article. A. Schultz. 164,333, Aug. 21.
Cabinet, Game. R. Wade. 163,498, May 29.
Cabinet, Heater. S. J. Price, Jr. 164,447, Sept. 4.
Cabinet, Home freezer. H. W. Whitmore. 163,079, Apr. 24.
Cabinet, Instrument. W. J. Gray. 164,233, Aug. 14.
Cabinet, Kitchen. M. Hallward. 162,648–9, Mar. 27.
Cabinet, Kitchen. M. Hallward. 164,416–17, Sept. 4.
Cabinet or similar article, Air conditioner. R. S. Herbst and B. E. Freitag. 164,172, Aug. 7.
Cabinet or similar article, Combined television, radio, and phonograph. J. Barofsky. 162,772, Apr. 10.
Cabinet or similar article, Combined television, radio, and phonograph. J. Barofsky. 165,319, Dec. 4.
Cabinet or similar article, Portable tool. S. Kent, J. H. Lehman, and D. R. Lippman. 163,877, July 10.
Cabinet or similar article, Storage. W. Jameson. 164,501, Sept. 11.
Cabinet or similar article, Television. J. Barofsky. 164,663–6, Oct. 2.
Cabinet or similar article, Television. J. Barofsky. 164,893, Oct. 23.
Cabinet or the like, Article dispensing. F. N. Gay. 162,809, Apr. 10.
Cabinet or the like, Display. S. and A. E. Bauer. 162,511, Mar. 20.
Cabinet or the like, Liquid warming kitchen. F. F. Gunther. 163,275, May 15.
Cabinet or the like, Prefabricated, multiple-unit utility. D. T. Houpt. 163,754, June 26.
Cabinet or the like, Radio. I. Strauss. 161,553, Jan. 2.
Cabinet, Ozone-producing and germ-killing apparatus. I. Naxon. 162,680, Mar. 27.
Cabinet panel, Radio-phonograph. S. E. Adler. 163,731, June 26.
Cabinet, Popcorn machine. S. M. Waas. 163,497, May 29.
Cabinet, Portable inhalator. J. C. Hallisey. 162,647, Mar. 27.
Cabinet, Portable radio. R. C. Carlson. 161,903, Feb. 13.
Cabinet, Portable tonsorial. L. Budny and E. F. Gornikiewicz. 162,783, Apr. 10.
Cabinet, Radio. S. E. Adler. 163,507, June 5.
Cabinet, Radio. S. E. Adler. 163,732, June 26.
Cabinet, Radio. S. E. Adler. 164,891, Oct. 23.
Cabinet, Radio. R. D. Budlong. 162,623–4, Mar. 27.
Cabinet, Radio. R. D. Budlong. 164,475, Sept. 11.
Cabinet, Radio. R. D. Budlong. 165,049, Nov. 6.
Cabinet, Radio. R. D. Budlong. 165,507–8, Dec. 25.
Cabinet, Radio. R. Kronsberg. 162,847, Apr. 10.
Cabinet, Radio. C. W. Sundberg and M. Ferar. 162,899, Apr. 10.
Cabinet, Radio phonograph. R. D. Budlong. 163,678, June 19.
Cabinet, Radio-phonograph and television. S. E. Adler. 164,079, July 31.
Cabinet, Radio receiver. O. Schliom. 154,331, Aug. 21.
Cabinet, Radio-television receiver and phonograph. S. E. Adler. 162,608, Mar. 27.
Cabinet, Refrigerator. R. B. Janes and J. W. Snider. 164,931, Oct. 23.
Cabinet, Refrigerator. J. M. Little. 162,851–2, Apr. 10.
Cabinet, Refrigerator. C. W. Sanders. 162,474, Mar. 13.
Cabinet, Refrigerator. G. W. Walker. 163,661, June 12.
Cabinet, Refrigerator. J. H. Walter. 163,916, July 10.
Cabinet, Refrigerator. J. H. Walter. 164,829, Oct. 9.
Cabinet, Sewing. A. I. Ekstrom. 165,418, Dec. 18.
Cabinet, Sewing. G. K. Stecher. 164,070, July 24.
Cabinet, Sewing-machine. A. B. Barnhart. 164,837, Oct. 16.
Cabinet, Silverware. C. W. Kulp. 162,424, Mar. 13.
Cabinet, Telephone recorder. A. Jordanoff. 161,842, Feb. 6.
Cabinet, Television. S. E. Adler. 162,703–4, Apr. 3.
Cabinet, Television. S. E. Adler. 163,015, Apr. 24.
Cabinet, Television. S. E. Adler. 163,157, May 8.
Cabinet, Television. S. E. Adler. 164,080, July 31.
Cabinet, Vanity. N. J. Orsini. 162,062, Feb. 20.
Cabinet, Wardrobe. D. Tames. 162,594, Mar. 20.
Cabinet with bracket lights. G. E. Eckert. 163,448, May 29.
Cabinet with drawer and compartment. W. J. Carr. 163,852, July 10.
Cabinet with multiple drawers and compartments. W. J. Carr. 163,851, July 10.
Cage, Bird. J. B. Gresham. 162,405, Mar. 13.
Cage, Bird. M. Yellin. 165,567, Dec. 25.
Cage, Cockateel. T. E. Doolittle. 162,016, Feb. 20.
Cake, Iced. E. and H. Brenner. 161,610–11, Jan. 16.
Cake of soap. E. F. Haskell. 163,038, Apr. 24.
Calculating machine. J. C. Sinel. 165,557, Dec. 25.

Calendar, Desk advertising perpetual. M. Hopp. 161,840, Feb. 6.
Calendar, Perpetual. A. B. Downs, Jr. 164,557, Sept. 18.
Calendar, Perpetual. C. B. Woofter. 162,367, Mar. 6.
Calendar stand or similar article. C. N. Montanye. 165,477–9, Dec. 18.
Calendar support, Desk. C. B. Woofter. 164,834–5, Oct. 9.
Camera. R. B. Clark. 164,285, Aug. 21.
Camera. E. J. Ingenbrand. 163,458, May 29.
Camera and support therefor, Combined. G. Reamer. 163,766, June 26.
Camera, Miniature. F. Sochor. 162,892, Apr. 10.
Camera, Motion-picture. J. J. G. G. Broido. 162,782, Apr. 10.
Camera, Motion-picture. J. E. Davis. 161,824, Feb. 6.
Camera, Motion-picture. F. G. Knowles. 161,940, Feb. 13.
Camera, Motion-picture. O. Wittel and F. G. Knowles. 161,984, Feb. 13.
Camera, Roll-holding. A. H. Crapsey, Jr. 162,630, Mar. 27.
Camera, Sound motion-picture. W. H. Bach and R. L. George. 163,241, May 15.
Can. P. Meshberg. 162,559, Mar. 20.
Can and bottle crusher. F. J. Mingo. 165,387, Dec. 11.
Can and bottle opener, Combined. H. R. Ransom. 164,448, Sept. 4.
Can carrying device. K. W. Burge. 162,515, Mar. 20.
Candelabrum. C. D. Stewart. 163,547, June 5.
Candelabrum and flower holder, Combined. J. D. Bussey. 162,787, Apr. 10.
Candelabrum and flower holder, Combined. J. D. Bussey. 164,218, Aug. 14.
Candleholder. P. G. Nelson. 164,051–2, July 24.
Candleholder and planter or similar article, Combined. E. Rubel. 164,064, July 24.
Candle, Personalized wedding anniversary. L. Lion. 164,783, Oct. 9.
Cane and rack or the like, Combination. O. C. Stanley. 162,590, Mar. 20.
Canister. M. Gaber. 161,915, Feb. 13.
Canister. M. G. Miller. 163,217, May 8.
Canister. N. W. Roop. 162,579, Mar. 20.
Canister, Kitchen. L. Stahl. 165,403, Dec. 11.
Canister, Pouring. J. F. Fleming. 165,140, Nov. 13.
Canopy flange. S. A. Young. 163,236, May 8.
Canopy flange for valves. S. A. Young. 162,273, Feb. 27.
Cap. L. V. Goodman and T. Neal. 165,280, Nov. 27.
Cap. P. E. Young. 165,039, Oct. 30.
Cap and latch for screen holders. H. Bernzott and C. Talbo. 162,281, Mar. 6.
Cap, Bathing. B. A. Williams. 164,342, Aug. 21.
Cap, Bathing. B. A. Williams. 164,751–3, Oct. 2.
Cap, Boudoir. A. C. Dahl. 162,714, Apr. 3.
Cap, Drip. R. L. Klein. 162,842, Apr. 10.
Cap for a Venetian blind bar, End. H. K. Lorentzen. 162,192, Feb. 27.
Cap for mechanical pencil or similar article, Removable. G. L. Beckstrom. 163,845, July 10.
Cap, Fountain pen. M. Fried. 163,686, June 19.
Cap or similar article. R. Krieger. 162,965, Apr. 17.
Cap remover, Jar. L. C. Scott. 163,145, May 1.
Cap with raccoon tail, Raccoon. S. Harfenist. 162,159, Feb. 27.
Capping machine, Bottle. W. E. Zimmermann. 162,919, Apr. 10.
Cape and scarf, Combined. T. Leser. 165,081, Nov. 6.
Car and platform for toy railroad, Combined. F. Pettit. 164,876, Oct. 16.
Car, Railway. W. B. Dean and W. H. Chandlee, Jr. 163,512, June 5.
Car, Transfer. E. W. Sensenich. 162,242, Feb. 27.
Car washing gun or similar article. L. G. Simms. 162,588, Mar. 20.
Carafe. M. H. Levi. 163,052, Apr. 24.
Card analyzing unit. W. Wockenfuss. 163,784, June 26.
Card box and folding canasta tray or similar article, Combined. C. F. Degner. 165,219, Nov. 20.
Card game playing device or similar article. T. Romanchek. 164,605, Sept. 18.
Card or similar article, Playing. A. L. Hirst and V. M. Bullock. 162,165, Feb. 27.
Card or the like, Greeting. E. J. Jones. 161,841, Feb. 6.
Card or the like, Greeting. E. J. Jones. 162,170, Feb. 27.
Card or the like, Greeting. E. J. Jones. 162,304–8, Mar. 6.
Card or the like, Greeting. E. J. Jones. 162,838, Apr. 10.
Card punch. G. H. Kress. 163,125, May 1.
Card punch. E. F. Wilson. 163,664, June 12.
Card shuffling aid. C. L. Shedd. 165,556, Dec. 25.
Card, Three-dimensional decorative greeting. S. Robins. 164,321–6, Aug. 21.
Card, Three-dimensional decorative greeting. S. Robins. 164,604, Sept. 18.
Card, Three-dimensional decorative greeting. S. Robins. 164,820, Oct. 9.
Card with rotating disk, Greeting. M. F. Garrett. 164,230, Aug. 14.
Carpet sweeper casing or similar article. J. F. Fleming. 163,750, June 26.
Carrier, Belt supported watch. J. H. Keller. 162,179, Feb. 27.
Carrier, Bottle. E. L. Arneson. 164,466, Sept. 11.
Carrier, Bottle. H. W. Forrer. 161,606, Jan. 9.
Carrier, Bottle. H. W. Forrer. 163,033, Apr. 24.
Carrier, Bottle. C. E. Jones. 163,609, June 12.
Carrier, Bottle. C. E. Jones. 163,871–3, July 10.
Carrier, Collapsible bottle. W. A. Ringler. 162,988, Apr. 17.
Carrier for vacuum cleaner attachments. J. W. Sheker. 162,485, Mar. 13.
Carrier, Live bait. R. D. Blakeslee. 161,816, Feb. 6.
Carrier, Yarn. L. M. Renwick. 163,226, May 8.
Cart and table, Combination food. A. K. Gibbon. 163,111, May 1.
Cart, Golf club. W. C. Rose. 163,327, May 15.
Cart, Hose reel. S. A. Germain. 164,232, Aug. 14.
Cart, Hospital. A. Koenig. 164,779, Oct. 9.
Cart or the like, Room service utility. O. L. Snapp and O. L. High. 162,486, Mar. 13.
Cart, Utility. R. Connor. 163,094, May 1.
Cart, Vacuum cleaner. C. D. Reece. 165,191, Nov. 13.
Carton. C. J. Chaplin. 163,371, May 22.
Carton. C. J. Chaplin. 163,441, May 29.
Carton. C. J. Chaplin. 165,323, Dec. 4.
Cartridge for cigarette lighters or the like, Fuel. C. L. Metzler and B. Bowen. 161,855, Feb. 6.
Carving board. H. P. Wells. 162,101, Feb. 20.
Case, Auto vanity. J. M. Eddleman and G. V. C. Phillips. 163,587, June 12.
Case, Camera. J. E. Davis. 163,259, May 15.
Case, Cigarette. R. Capocci. 162,788, Apr. 10.
Case, Clock. R. M. Babel. 165,410, Dec. 18.
Case, Clock. L. I. Bruce. 165,132–3, Nov. 13.
Case, Combination spectacle and coin. L. B. White. 163,078, Apr. 24.
Case end for screens. R. Gardner. 162,295, Mar. 6.
Case, Eyeglass. E. Nathan. 165,297, Nov. 27.
Case for spectacles or the like. C. A. Baratelli. 164,349, Aug. 28.
Case, Gem display. S. H. Freeman. 164,910, Oct. 23.
Case, Instrument. W. A. Long. 163,210, May 8.
Case, Jewelry. I. C. Davidson. 165,136, Nov. 13.
Case, Lipstick display. J. H. Walsh. 161,804, Jan. 30.
Case, Merchandise display. F. Wagner. 165,036, Oct. 30.
Case, Open-top refrigerated self-serve. G. K. Bently. 161,895, Feb. 13.
Case, Open-top refrigerated self-serve. G. K. Bently. 162,708, Apr. 3.
Case or similar article, Beverage. C. D. Jones, Jr. 162,548, Mar. 20.
Case or similar article, Clock. J. F. Punzak. 163,138, May 1.
Case or similar article, Wrist watch. F. Warren. 164,830–2, Oct. 9.
Case, Oscillograph. C. M. Hathaway and K. E. Fox. 162,409, Mar. 13.
Case, Piano. W. Millington and W. M. Day. 165,090–4, Nov. 6.
Case, Radio. M. E. and J. E. Mecate. 162,675, Mar. 27.
Case, Refrigerated display and serve-self. D. J. Greiling and W. R. Howard. 161,922, Feb. 13.
Case, Refrigerated self-service display. D. J. Greiling. 162,157, Feb. 27.
Case, Safety razor set. P. Schladermundt and W. H. Dennerlein. 165,346, Dec. 4.
Case, Single electric shaver display. H. L. Carpenter. 161,904, Feb. 13.
Case, Spectacle. R. J. Marks. 164,587, Sept. 18.
Case, Toothpick. N. B. Valliant. 163,495, May 29.
Case, Watch. D. Megar. 161,485, Jan. 2.
Case with pen or pencil holder, Memo. G. Menning. 161,853, Feb. 6.
Casing for a cigarette lighter or the like. C. L. Metzler and B. Bowen. 161,854, Feb. 6.
Casing for a fan or the like. W. O. Langille and C. F. Bruder. 163,395, May 22.
Casing for a foul indicating unit for bowling alleys or the like. R. I. Anderson and B. Hoeker. 161,811–12, Feb. 6.
Casing for a piano or similar article. J. Barofsky. 165,411, Dec. 18.
Casing for an electric safety lamp. F. L. D. Bogaerts. 163,742, June 26.
Casing for an electric shaver. I. Jepson. 162,836, Apr. 10.
Casing for exit light. W. F. Roy. 164,201, Aug. 7.
Casing for loudspeaker driver unit and its transformer. S. E. Levy and M. M. Condon. 163,616, June 12.
Casing for space heaters or similar articles. R. G. Churan and R. M. Lawless. 164,671, Oct. 2.
Casing, mirror, and lipstick, Combined. H. H. Thornton. 162,699, Mar. 27.
Casing, Motor. B. N. Palm. 163,134, May 1.
Casing or similar article, Heater. P. A. Jones and R. G. Churan. 163,183, May 8.
Casing, Parking meter. J. Teague. 162,698, Mar. 27.
Casing, Suction cleaner. H. Dreyfuss. 162,633, Mar. 27.
Casket. J. C. M. Soden. 162,695, Mar. 27.
Casket. W. L. Waldron. 163,837, July 3.
Casserole, Covered. E. S. Zeisel. 164,660, Sept. 25.
Casserole or similar article. R. G. Cowan. 164,407, Sept. 4.

Caster support or the like. B. Auer. 163,554, June 12.
Catch button for compacts or the like. R. K. Prescott. 161,643, Jan. 16.
Chain, Expansible. E. Prestinari and J. F. Sand. 164,955, Oct. 23.
Chain, Expansible. J. F. Sand. 163,141–4, May 1.
Chain for a bracelet or similar article, Expansible. K. C. Augenstein. 161,727, Jan. 30.
Chain for a bracelet or similar article, Expansible. K. C. Augenstein. 165,355–6, Dec. 11.
Chain for a bracelet or similar article, Expansible link. E. Bazner. 163,670, June 19.
Chain for a bracelet or similar article, Link. A. Philippe. 161,867, Feb. 6.
Chain for a bracelet or similar article, Link. A. Philippe. 162,075–6, Feb. 20.
Chain for a bracelet or the like. M. Moss. 164,588, Sept. 18.
Chain for a bracelet or the like, Expansible link. E. E. Fachon. 165,517, Dec. 25.
Chain for a bracelet or the like, Expansible link. E. Rodriguez. 164,514, Sept. 11.
Chain for a bracelet or the like, Expansible link. E. Rodriguez. 164,821, Oct. 9.
Chain for a bracelet or the like, Expansible link. E. Rodriguez. 165,551, Dec. 25.
Chain for a bracelet or the like, Link. A. Philippe. 163,815–16, July 3.
Chain for a bracelet or the like, Link. A. Philippe. 164,319, Aug. 21.
Chain for a bracelet or the like, Link. A. Philippe. 164,809–10, Oct. 9.
Chain for a necklace or similar article, Link. A. Philippe. 161,527–8, Jan. 2.
Chain for a necklace or similar article, Link. A. Philippe. 162,072–3, Feb. 20.
Chain for a necklace or similar article, Link. A. Philippe. 162,218, Feb. 27.
Chain for a necklace or the like, Link. A. Philippe. 163,817, July 3.
Chain for a necklace or the like, Link. A. Philippe. 164,712, Oct. 2.
Chain for a necklace or the like, Link. A. Philippe. 164,806–07, Oct. 9.
Chain for a necklace or the like, Link. A. Philippe. 164,812–13, Oct. 9.
Chain for a watch bracelet or the like, Expansible. J. F. Sand. 161,875, Feb. 6.
Chain for bracelets or the like, Expansible link. S. Meyerson. 164,791, Oct. 9.
Chain, Key. D. Parenti. 162,443, Mar. 13.
Chain, Ornamental. G. Armbrust. 162,110, Feb. 27.
Chair. W. Bascom. 161,729, Jan. 30.
Chair. A. S. Goldberg. 164,487, Sept. 11.
Chair. F. W. Niemann. 162,865, Apr. 10.
Chair. J. Popkin. 164,732, Oct. 2.
Chair. L. A. Smith. 164,204, Aug. 7.
Chair. P. M. Virtue. 163,656, June 12.
Chair. J. E. and E. M. Voelker and J. W. Sabbagh. 164,527, Sept. 11.
Chair, Adjustable. F. B. Eiseman. 163,449, May 29.
Chair, Adjustable couch. S. Deutsch. 161,574, Jan. 9.
Chair, Adjustable metal couch. S. Deutsch. 165,058, Nov. 6.
Chair and desk, Combined. S. C. Willis and L. W. Brulin. 161,809, Jan. 30.
Chair and table, Convertible. R. S. Vellá. 161,601, Jan. 9.
Chair and tray, Combined. C. E. Choate. 164,099, July 31.
Chair, Baby. A. J. Leffler. 162,188, Feb. 27.
Chair back. P. M. Virtue. 163,655, June 12.
Chair, Bar-barrel. I. R. Kaufman. 161,762, Jan. 30.
Chair base, Swivel. J. S. Burdick. 164,900, Oct. 23.
Chair end standard. W. S. Lindberg. 163,883, July 10.
Chair, Executive posture swivel. J. S. Burdick. 164,899, Oct. 23.
Chair for viewing television. J. C. Lamm. 165,472, Dec. 18.
Chair, High. B. F. Hamilton. 163,998, July 24.
Chair, Lounge. J. F. Laskowitz. 163,297, May 15.
Chair, Power-driven wheel. S. E. Beach. 164,545, Sept. 18.
Chair, Rocking. H. A. and M. Gelman. 165,066, Nov. 6.
Chair, Stenographer's. J. S. Burdick. 165,322, Dec. 4.
Chair, Theater loge. A. C. Hoven and W. E. Nordmark. 165,457, Dec. 18.
Chair unit. E. C. Frost. 163,941, July 17.
Chair, Wheel. W. H. Adams. 164,662, Oct. 2.
Chair, Youth. B. F. Hamilton. 164,490, Sept. 11.
Chalkboard and eraser rail or similar article, Combination. P. R. Windhorst. 165,038, Oct. 30.
Chamber pot. R. Aitken. 163,016, Apr. 24.
Chamber pot. R. Aitken. 163,158–9, May 8.
Chandelier. E. W. Poerner. 163,478, May 29.
Changeover pressure regulator or similar article. T. A. St. Clair. 164,824, Oct. 9.
Charm. I. Levin. 161,635, Jan. 16.
Charm or similar article. N. Tashman. 161,883, Feb. 6.
Charm or the like. R. Vandergeenst. 163,721, June 19.
Charm, Puzzle. J. Goodman. 161,829, Feb. 6.
Chest, Field. J. H. Kuhns. 165,011, Oct. 30.
Chest for shoes and shoe polishing materials, Storage. I. O. Smart. 162,091, Feb. 20.
Chest or similar article, Silverware. S. W. Flynn. 163,108, May 1.
Chest, Silverware. S. W. Flynn. 163,109, May 1.
Chest, Silverware. S. W. Flynn. 163,268, May 15.
Chest, Silverware. S. W. Flynn. 163,589–93, June 12.
Chest, Watch and jewel. M. Weill. 165,350, Dec. 4.
Chicken-picking finger. S. S. Barker. 163,558, June 12.
Chocolate duck. R. M. Palmer. 161,521, Jan. 2.
Chocolate lamb. R. M. Palmer. 161,522, Jan. 2.
Chocolate squirrel. R. M. Palmer. 161,865, Feb. 6.
Christmas decoration, Illuminable. H. G. Sundheim, Jr. 162,259, Feb. 27.
Christmas tree, Miniature portable. N. T. Baldanza. 161,410, Jan. 2.
Christmas tree trim or similar article. J. Burnbaum. 165,363, Dec. 11.
Chucking machine, Single spindle automatic. A. E. Drissner. 162,939, Apr. 17.
Chute for a slicing machine, Vegetable. C. Klingens and J. L. Foster. 162,314, Mar. 6.
Cigarette pack and coin container, Combination. V. D. Griffith. 163,865, July 10.
Circuit breaker unit, Electric. C. Bangert, Jr. 163,736, June 26.
Circuit interrupter. B. P. Baker and W. M. Leeds. 163,985, July 24.
Circuit interrupter. B. P. Baker, W. M. Leeds, and E. L. Izzi. 163,986, July 24.
Circuit interrupter. F. E. Florschutz, W. S. Aspey, and E. L. Izzi. 163,996, July 24.
Circulating unit, Air. J. W. McElgin. 165,089, Nov. 6.
Circulator and furniture unit, Air. J. W. McElgin. 165,088, Nov. 6.
Clamp and mounting bracket therefor, Combined flashlight. D. Mitchell, Jr. 163,892, July 10.
Clamp, Laboratory. M. E. Goldberg. 162,812, Apr. 10.
Clamp, Laboratory. M. E. Goldberg. 163,035, Apr. 24.
Clamp or the like, Wheel locking R. D. Henderson. 164,171, Aug. 7.
Clamp, Work-holding. A. O. Mathison. 165,296, Nov. 27.
Clasp. J. Lenneberg. 165,080, Nov. 6.
Clasp, Collar. W. L. Mitchell. 165,476, Dec. 18.
Clasp, Jewelry. M. Pagliuca. 163,317, May 15.
Clasp, Money. R. C. Haltom. 164,685, Oct. 2.
Clasp or similar article, Tie. K. R. Cassel. 163,023, Apr. 24.
Cleaner, Vacuum clothes. E. C. Calvin. 165,509, Dec. 25.
Cleaver. J. P. Mills. 164,311, Aug. 21.
Clip, Curl. I. I. Leon. 164,506, Sept. 11.
Clip or similar article, Scarf. H. Olson. 163,623, June 12.
Clip, Pin. A. Katz. 163,201, May 8.
Clock. E. R. Danz. 162,523, Mar. 20.
Clock. P. G. Darrot. 162,391, Mar. 13.
Clock. J. H. Dunbar, Jr., and C. E. Hodgman. 162,135, Feb. 27.
Clock. F. Gianascol. 165,279, Nov. 27.
Clock. A. E. Koplar. 165,010, Oct. 30.
Clock. G. W. Nelson. 162,976, Apr. 17.
Clock. J. F. Punzak. 163,413–15, May 22.
Clock. J. F. Punzak. 164,602, Sept. 18.
Clock. M. E. Schlenker. 161,880, Feb. 6.
Clock. I. W. Spier. 162,358, Mar. 6.
Clock. I. W. Spier. 162,488, Mar. 13.
Clock, Alarm. F. Lux. 162,326, Mar. 6.
Clock, Alarm. F. Lux. 162,855, Apr. 10.
Clock, Alarm. F. Lux. 163,053, Apr. 24.
Clock and desk unit, Combined. M. Weiner. 164,616, Sept. 18.
Clock and radio cabinet, Combination. S. E. Adler. 163,506, June 5.
Clockcase. R. M. Babel. 163,162, May 8.
Clockcase. R. M. Babel. 165,357, Dec. 11.
Clockcase. L. I. Bruce. 162,929, Apr. 17.
Clockcase. L. I. Bruce. 163,363, May 22.
Clockcase. L. I. Bruce. 163,565–7, June 12.
Clockcase. L. I. Bruce. 163,676, June 19.
Clockcase. L. I. Bruce. 163,930, July 17.
Clockcase. L. Eickemeyer. 165,222–3, Nov. 20.
Clockcase. H. H. Goldner. 161,688, Jan. 23.
Clockcase. J. A. C. Keane. 161,764, Jan. 30.
Clockcase. A. E. Koplar. 163,610, June 12.
Clockcase. B. Lerman. 162,322, Mar. 6.
Clockcase. C. Otto. 164,594, Sept. 18.
Clockcase. T. Schisgall. 165,304–5, Nov. 27.
Clockcase. M. Schwartz. 162,234, Feb. 27.
Clockcase, Folding traveling. S. J. Kaufman. 162,039, Feb. 20.
Clockcase or similar article. A. Levy. 165,474, Dec. 18.
Clockcase or similar article. J. F. Punzak. 162,879, Apr. 10.
Clock case or similar article. J. F. Punzak. 163,416–17, May 22.
Clockcase or similar article. W. K. Sessions. 161,713, Jan. 23.
Clockface. T. D. Di Addario. 163,856, July 10.
Clockface. B. Lerman. 163,396, May 22.
Clock or similar article. H. H. Goldner. 162,814–17, Apr. 10.
Clock or similar article. I. Horowitz. 164,686, Oct. 2.
Clock or the like, Desk. R. Newman. 161,957, Feb. 13.
Clock, thermometer, and barometer, Combination. M. Gold. 163,864, July 10.
Clock, Wall. R. L. Smith. 164,389, Aug. 28.

Clock, World. W. H. Clarke. 163,256, May 15.
Closure, Container. J. W. Soffer. 161,969, Feb. 13.
Cloth-plate for a sewing machine. N. Knaus. 164,934, Oct. 23.
Clothes hanger and carrier, Combination. S. Kaplan and L. Stark. 161,935, Feb. 13.
Clothesline tightener and joiner, Combination. J. Adams. 162,767, Apr. 10.
Clothes-washing machine. J. R. Mango. 165,183, Nov. 13.
Coagulator. C. R. Storz, Jr. 165,493, Dec. 18.
Coaster. A. H. Happe. 164,572, Sept. 18.
Coaster. J. Sturm. 162,258, Feb. 27.
Coaster for beverage bottles or the like. O. W. Thrailkill. 162,494, Mar. 13.
Coaster or the like. R. Shatkin. 163,073, Apr. 24.
Coasters, Package of. J. L. Sholkin. 165,308, Nov. 27.
Coat. J. Block. 163,356, May 22.
Coat. B. Chalk. 164,844, Oct. 16.
Coat. A. Gruber. 164,854–5, Oct. 16.
Coat. P. Trigere. 163,340, May 15.
Coffeemaker. J. N. Polivka. 164,060, July 24.
Coffee maker, Automatic. C. H. Johns and K. R. McKee. 162,837, Apr. 10.
Coffee maker, Vacuum. H. Wohl. 162,765, Apr. 3.
Coffeepot and stand, Combined. J. N. Polivka. 164,059, July 24.
Coin bank or similar container, Owl. J. B. Stier. 161,974, Feb. 13.
Coin bank or similar container, Squirrel. J. B. Stier. 161,973, Feb. 13.
Coin holder, key chain, mirror, and cardcase or the like, Combined. H. S. Chase. 161,822, Feb. 6.
Coin receiver for fare boxes or the like. M. L. Grant. 163,273, May 15.
Colander or the like. E. M. Millard. 163,468, May 29.
Comb. M. C. Demis and J. W. Killinger. 163,578, June 12.
Comb. J. W. Killinger and M. C. Demis. 162,962, Apr. 17.
Comb. M. R. Kraus. 162,042, Feb. 20.
Comb. L. Mitchell. 162,332, Mar. 6.
Comb. L. Mitchell. 164,874, Oct. 16.
Comb. C. A. Moore. 162,430, Mar. 13.
Comb. P. Morroni. 162,745, Apr. 3.
Comb. P. Morroni. 163,763, June 26.
Comb. P. Morroni. 163,894, July 10.
Comb. F. Polimeni. 162,749, Apr. 3.
Comb and hair curler, Combined. J. Wenter. 162,912, Apr. 10.
Comb, Hair. G. R. Collins. 162,519, Mar. 20.
Comb, Hair-cutting. N. Shaeffer. 165,306, Nov. 27.
Comb or similar article. E. E. Bullard. 162,625, Mar. 27.
Comb or similar article. L. Kahn. 162,174, Feb. 27.
Comb or similar article. L. Kahn. 163,120, May 1.
Comb or similar article. L. Kahn. 163,287, May 15.
Comb or similar article. L. Kahn. 163,392, May 22.
Comb or similar article. E. R. Person. 162,871, Apr. 10.
Comb or similar article. M. Rosedale. 162,346, Mar. 6.
Combination memorandum pad and holder. J. S. Nicholson. 164,440, Sept. 4.
Commode and lavatory, Portable. F. A. Blashfield. 162,619, Mar. 27.
Compact. P. E. Flato. 162,640, Mar. 27.
Compact, Illuminable. E. Atino and P. Engardio. 163,438, May 29.
Compact, key-holder, and key, or similar article, Combined. P. E. Flato. 163,107, May 1.
Comparator, Screw thread. B. W. Swanson. 161,663, Jan. 16.
Computer, Tax. S. A. Ayres. 164,150, Aug. 7.
Confection. J. Boon. 163,743, June 26.
Confection. S., H. and P. Rubin. 161,595, Jan. 9.
Connector, Electrical. H. H. Burtt, W. W. Koenig, and L. Gilbert. 161,900, Feb. 13.
Connector, Electrical. D. R. De Tar. 162,795, Apr. 10.
Connector or similar article, Multiway electrical. S. S. Fortino. 164,294, Aug. 21.
Console. W. J. O'Connor. 162,436, Mar. 13.
Console. W. J. O'Connor. 162,979, Apr. 17.
Container and cooking utensil, Combination food merchandising. M. W. Wishnick. 163,011, Apr. 17.
Container and dispenser for book matches. O. F. Werner. 163,919, July 10.
Container and lighter, Combination desk cigarette. C. B. Woofter. 162,368, Mar. 6.
Container and slicer, Combined. H. F. Taylor. 163,912, July 10.
Container and tray for table flatware, Combined. A. A. Eisenberg. 164,985, Oct. 30.
Container, Butter. R. B. Janes. 163,047, Apr. 24.
Container closure. J. W. Soffer. 162,893–4, Apr. 10.
Container, Compartmented. N. A. Petter. 163,319, May 15.
Container, Condiment dispensing. J. Baron. 162,706, Apr. 3.
Container, Cosmetic. R. T. Christy. 163,569, June 12.
Container, Covered dispensing. W. B. Smoot. 163,649, June 12.
Container, Dispensing. W. B. Smoot. 163,648, June 12.
Container, Edible. L. K. Richardson and T. E. Pope. 163,902, July 10.
Container for a perfume bottle or the like, Display. W. W. Hobe. 164,927–8, Oct. 23.
Container for a phylactery or similar article. E. Weiszberg. 163,077, Apr. 24.
Container for candles. O. D. Guilfoil, Jr. 164,415, Sept. 4.
Container for dairy products and soft drinks. P. Muller-Munk. 163,132, May 1.
Container for deodorant dispensing bottles. U. J. Jacquet. 163,608, June 12.
Container for doll. L. F. Hinz. 164,924, Oct. 23.
Container for fishhooks and the like. A. K. Stevens. 163,976, July 17.
Container for liquids, Dispensing. L. D. Reimann. 161,645, Jan. 16.
Container for moth preventive cake or the like. G. C. Irwin and A. W. Willert, Jr. 163,181, May 8.
Container for perishable foods. C. Davis. 164,160, Aug. 7.
Container for playing cards. J. E. Hurwitz. 162,832, Apr. 10.
Container for rosary beads. H. J. Smoleroff. 161,548, Jan. 2.
Container for slips or the like. R. B. Senderowitz. 162,348, Mar. 6.
Container for soap powder or the like, Dispensing. C. E. Lipton. 164,784, Oct. 9.
Container for wick-holding bottle. E. F. Ellis. 164,481, Sept. 11.
Container, Lady's undergarment. I. Kornblau. 163,611, June 12.
Container, Lipstick. J. A. Uva. 163,341, May 15.
Container, Metallic. G. Trautvetter. 162,903, Apr. 10.
Container or similar article, Display. M. Friedman. 164,566, Sept. 18.
Container or similar article, Floating minnow. K. E. Greene. 163,946, July 17.
Container or the like, Cutlery. N. J. Mercer and H. W. Zadikoff. 164,248, Aug. 14.
Container or the like, Hosiery display. H. Levine. 162,551, Mar. 20.
Container or the like. Refrigerator. C. J. Yates. 163,668, June 12.
Container, Shock mounted. A. E. Bausenbach. 162,118, Feb. 27.
Container, Sifting. C. C. B. Gowland. 162,949, Apr. 17.
Container, Spectacle. F. J. Maier. 161,850, Feb. 6.
Container unit for insecticides, disinfectants, deodorants, and the like. Z. A. Olbres. 163,475, May 29.
Continuous processing machine for butter, margarine, or similar article. C. and H. Doering. 165,059, Nov. 6.
Control panel, Television cabinet. S. E. Adler. 162,609, Mar. 27.
Controller or the like, Automatic. D. L. McFarland. 163,885, July 10.
Cooker, Egg. I. Jepson. 162,038, Feb. 20.
Cooking unit, Electrical. A. S. Knapp. 164,780, Oct. 9.
Cooler, Bottled drink. W. Schumacher. 164,962, Oct. 23.
Copying device, Xerographic. E. R. Sabel and C. R. Mayo. 163,640, June 12.
Copying machine, Electric. H. Dreyfuss. 163,104, May 1.
Cord terminal for Venetian blinds. F. L. Hooks. 162,659, Mar. 27.
Costume, Child's masquerade and play. O. J. Francis. 165,370, Dec 11.
Costumer, Child's. S. Gross and H. Stern. 164,853, Oct. 16.
Couch and clothesline rack, Combined garden. B. Gaither. 162,149, Feb. 27.
Counter. A. Van Veen. 165,564, Dec. 25.
Counter desk and safe, Combined. F. C. Park. 161,959, Feb. 13.
Counter, Display. B. R. Walsh. 163,499, May 29.
Counting and printing machine, Combined. W. O'Neil. 164,125, July 31.
Coupling for mining and tunnel cars, Automatic. D. O. Turner. 163,720, June 19.
Copyholder. M. A. Flannery. 164,483, Sept. 11.
Cover, Ash tray. W. L. Jones. 162,172, Feb. 27.
Cover and marker, Combined grave. G. E. Harvey. 164,492, Sept. 11.
Cover, Battery cable clamp. L. G. Franklin. 164,484, Sept. 11.
Cover, Casing. C. L. Metzler and J. Wark. 163,402, May 22.
Cover, Casing. C. L. Metzler and J. Wark. 163,532, June 5.
Cover, Electrical outlet box. M. B. Austin, Jr. 162,509, Mar. 20.
Cover for a whip cream dispenser valve. F. McDermott. 162,674, Mar. 27.
Cover for automobiles or similar articles, Seat. I. Herman. 164,000, July 24.
Cover for casserole or similar article. R. G. Cowan. 164,408, Sept. 4.
Cover for containers for perishable foods. C. Davis. 164,628, Sept. 25.
Cover for cosmetic bottles and the like. H. Merillat. 163,888, July 10.
Cover for paint cans. H. Rosset. 163,967, July 17.
Cover for telephones. M. K. Laporte. 161,586, Jan. 9.
Cover grip for ironing boards and the like. M. C. Gresser. 163,274, May 15.
Cover, Lace table. H. Hooven. 162,031–5, Feb. 20.

Cover or similar article, Quilt. D. K. Wassner. 163,917, July 10.
Cover or similar article, Wheel. G. A. Lyon. 162,193–202, Feb. 27.
Cover or similar article, Wheel. G. A. Lyon. 163,399, May 22.
Cover or similar article, Wheel. G. A. Lyon. 164,009–46, July 24.
Cover or similar article, Wheel. G. A. Lyon. 164,179–92, Aug. 7.
Cover or similar article, Wheel. G. A. Lyon. 164,374, Aug. 28.
Cover or similar article, Wheel. G. A. Lyon. 164,436, Sept. 4.
Cover or similar article, Wheel. G. A. Lyon. 165,083, Nov. 6.
Cover, Pool table. J. B. Gregory. 162,404, Mar. 13.
Cover, Radiator. C. E. Hodgman. 164,420–1, Sept. 4.
Cover, Removable lamp shade. M. Hunziker. 162,735, Apr. 3.
Cover, Sachet. C. Grabley. 164,988, Oct. 30.
Covering, Hard surfaced floor. J. R. Jones. 162,171, Feb. 27.
Covering or similar article, Head. A. L. Crowthers. 165,054, Nov. 6.
Cradle, Doll. F. Soodhalter and P. J. Mochel. 162,249, Feb. 27.
Crane, Hydraulic floor. R. R. Stratton. 163,230, May 8.
Crane, Portable. H. P. Vischer. 163,723, June 19.
Crayon or the like. B. Ulvad. 163,779, June 26.
Cream and sugar vessels and tray therefor, Combined. J. A. Hill. 165,075, Nov. 6.
Creamer. R. Wright. 163,667, June 12.
Creamer. R. Wright. 164,344, Aug. 21.
Creamer. E. S. Zeisel. 165,042, Oct. 30.
Creamer, Footed. M. G. Yutzey. 163,435, May 22.
Creel and tackle box, Combination fisherman's. M. H. Peterson. 161,866, Feb. 6.
Crib, Infant's. A. G. Feldman. 161,744, Jan. 30.
Crib, Infant's. A. G. Feldman. 162,804, Apr. 10.
Crib, Infant's. A. G. Feldman. 164,679–81, Oct. 2.
Crib or similar article, Child's. E. J. Stefan. 164,071, July 24.
Crisper. R. K. Gibbs. 162,399, Mar. 13.
Crisper. C. J. Yates. 163,346, May 15.
Crisper. C. J. Yates. 164,540, Sept. 11.
Cross chain for tire chains. H. St. Pierre. 162,489, Mar. 13.
Cross crimp-sealed package. L. L. Salfisberg. 162,694, Mar. 27.
Cubicle partition unit. E. F. Quinn. 164,734, Oct. 2.
Cup. R. G. Cowan. 164,404–05, Sept. 4.
Cup and saucer, Combined egg serving. T. R. Nelson. 163,472, May 29.
Cup, Child's nonspill. C. R. Rogers. 162,085, Feb. 20.
Cup, Drinking. A. S. Yecko and R. H. Fitzgerald. 165,566, Dec. 25.
Cup, Edible ice-cream. C. Reineke, Jr. 163,635, June 12.
Cup, Mint julep. T. C. Brown and W. O. Waterhouse. 163,564, June 12.
Cup or similar article. R. C. Diebenkorn. 162,289, Mar. 6.
Curler, Hair. M. F. Currie. 164,846, Oct. 16.
Curler, Hair. A. E. Vaughn. 161,664, Jan. 16.
Cushion and headrest, Combined. H. S. Ray. 163,709, June 19.
Cutter, Cooky. A. M. Gorko. 161,919, Feb. 13.
Cutter, Grape stem. S. Robinson. 163,769, June 26.
Cutter, Paper. H. R. Mejia. 164,378, Aug. 28.
Cutter, Pipe. A. S. Cann. 161,902, Feb. 13.
Cutter, Vegetable. H. Pearlman. 162,575, Mar. 20.
Cutting machine for meat or the like. W. C. Schmidt. 163,542, June 5.
Cutting machine or the like, Swatch. R. C. Maxant. 163,055, Apr. 24.
Cycle frame. F. W. Schwinn. 164,388, Aug. 28.
Deck of playing cards. D. E. Hill and E. E. Petersen. 162,030, Feb. 20.
Deck of playing cards. W. L. Shriner. 162,756, Apr. 3.
Deck of playing cards. E. Zeeven. 165,501, Dec. 18.
Decorative light bulb or similar article. J. J. Librizzi. 164,782, Oct. 9.
Deflector for automobile windshields. M. Glass. 163,272, May 15.
Defroster, Windshield. H. C. Taylor. 164,656, Sept. 25.
Dehumidifier. H. J. Wolfe and D. O. Crawford. 164,833, Oct. 9.
Deodorizer or similar article. R. A. Munnecke. 162,679, Mar. 27.
Desk. D. J. Burchard. 161,733, Jan. 30.
Desk. D. J. Burchard. 162,378, Mar. 13.
Desk. C. E. Jones. 164,425, Sept. 4.
Desk. E. C. Koegel. 164,584, Sept. 18.
Desk and bookcase, Combination. A. Bloom. 162,927, Apr. 17.
Desk and buffet, Combination. W. S. Gass. 164,851, Oct. 16.
Desk set support. M. M. Davis. 164,555, Sept. 18.
Desk, Telephone. O. Torgerson. 163,834, July 3.
Desk, Telephone operator. A. C. Gilmore and S. J. Harazim. 164,297, Aug. 21.
Desk top. W. J. Bargen. 161,995, Feb. 20.
Detergent mixing device. G. Graff. 165,282, Nov. 27.
Deveiner, Shrimp. W. F. W. Becherer. 162,924, Apr. 17.
Developer-printer. J. Reader. 164,263, Aug. 14.
Device for displaying axes or other articles of merchandise. D. E. Berkowitz. 162,925–6, Apr. 17.
Device for insertion in a child's bucket to produce an ornamental sand heap. A. H. Barcott. 164,089–90, July 31.
Device for vaporizing sterilizing solutions, Portable. P. W. Zonne. 161,669, Jan. 23.
Dial and hands for a clock or similar article, Combined. L. K. Fargo. 163,797–8, July 3.
Dial and hands for a watch or similar article, Combined. B. Zapol. 163,729, June 19.
Dial, Floating compass. C. L. Huber. 163,285, May 15.
Dial or similar article, Indicator. G. A. Lasko. 165,232, Nov. 20.
Dial or similar article, Watch. L. M. Newhouse. 163,314, May 15.
Dial or similar article, Watch. K. Plepla. 164,601, Sept. 18.
Dice roller. R. Rioux. 163,323, May 15.
Diner, Mobile. H. L. Bartholomew. 163,351, May 22.
Diner or similar article. A. M. Berryhill. 161,413, Jan. 2.
Dish. F. Dilena. 163,262, May 15.
Dish. D. L. Painter and G. H. Hart. 163,219, May 8.
Dish, Child's compartmented feeding. J. J. Wendell. 162,102, Feb. 20.
Dish, Child's compartmented feeding. J. J. Wendell. 164,077, July 24.
Dish drainer and receptacle support, Combination. P. H. Planeta. 164,197, Aug. 7.
Dish, grab bar, and collapsible shelf for shower stalls, Combined soap. G. J. Lind. 165,532, Dec. 25.
Dish, Icebox. L. H. Precourt. 162,081, Feb. 20.
Dish or similar article. G. A. Baker. 163,669, June 19.
Dish or similar article, Baking. C. L. Maish. 164,645, Sept. 25.
Dish or similar article, Floating soap. J. Andriessen. 162,611, Mar. 27.
Dish or the like, Serving. R. J. Pastory. 162,445, Mar. 13.
Dish or the like, Soap. H. Biener. 163,084, May 1.
Disinfecting unit, Foot. A. Hyde. 163,804, July 3.
Dispenser. M. C. Sawchuk. 163,070, Apr. 24.
Dispenser, Adhesive tape. W. H. Donkin. 164,556, Sept. 18.
Dispenser and change tray, Combination. T. J. Foley and G. W. Emmert. 164,110, July 31.
Dispenser and drink mixer, Combined powder. L. Myers. 164,253, Aug. 14.
Dispenser and massage device, Combination soap. A. J. Jacobson. 163,756, June 26.
Dispenser, Beverage. O. F. Evert. 161,684, Jan. 23.
Dispenser, Beverage. J. Levin. 164,433, Sept. 4.
Dispenser, Beverage. G. H. Light. 163,208, May 8.
Dispenser, Cigarette and book match. F. O. Pattison, Jr. 161,590, Jan. 9.
Dispenser, Coin controlled food. H. P. Curlee. 163,682, June 19.
Dispenser, Condiment. G. Q. Scott. 163,072, Apr. 24.
Dispenser, Condiment. W. A. Tupper. 161,600, Jan. 9.
Dispenser, Dry material. J. J. Garubo. 161,828, Feb. 6.
Dispenser for fluid substances. J. Korotkin. 163,393, May 22.
Dispenser for olives, cherries, small onions, and the like. C. M. Stern and G. C. Cattani. 164,741, Oct. 2.
Dispenser for sheet material. F. L. Broeren. 162,122–3, Feb. 27.
Dispenser for surface treating machines, Liquid. A. A. Forsberg. 165,141, Nov. 13.
Dispenser for weed killer, Liquid. F. J. Lee. 161,696, Jan. 23.
Dispenser frame, Tape. M. Pretzfelder, Jr. 164,733, Oct. 2.
Dispenser, Fruit juice. W. F. Burger. 161,419, Jan. 2.
Dispenser, Gummed label. A. Ferrato. 163,683, June 19.
Dispenser, Holy-water. O. S. Gibson. 164,852, Oct. 16.
Dispenser, Juice. C. C. Conkle. 165,365, Dec. 11.
Dispenser, Liquid. W. B. Crane. 163,443, May 29.
Dispenser, Measuring liquid. P. W. Harland. 161,442, Jan. 2.
Dispenser or similar article, Cigarette. R. E. Johnson. 163,805, July 3.
Dispenser or similar article, Ribbon. A. P. Swanson. 162,901, Apr. 10.
Dispenser, Paper. W. E. Mell. 163,131, May 1.
Dispenser, Paper cup. S. Scherr and F. E. Smith. 162,582, Mar. 20.
Dispenser, Paper napkin. M. Housen. 161,630, Jan. 16.
Dispenser, Refrigerated beverage. R. R. Hull. 164,498, Sept. 11.
Dispenser, Revolving playing card. E. L. Jones. 164,641, Sept. 25.
Dispenser, Ribbon. J. M. Katz. 165,229, Nov. 20.
Dispenser, Sugar. H. L. Wall. 163,915, July 10.
Dispenser, Tablet. E. J. Hoagland. 161,839, Feb. 6.
Dispenser, Tape. A. J. Stanley and J. S. Nicholls, Jr. 162,589, Mar. 20.
Dispenser, Telescopic paper cup. G. C. Johnson and A. A. Perelman. 164,775, Oct. 9.
Dispenser, Ticket. J. W. Edgemond, Jr., and E. W. Carroll. 164,412, Sept. 4.
Dispenser with spout, Material. D. R. Meeder. 161,852, Feb. 6.

Dispensing device, Liquid. A. N. Milster and R. W. Shartle. 161,857, Feb. 6.
Dispensing device, Liquid. A. Ziperstein and H. Keck. 164,147, July 31.
Dispensing machine, Beverage. E. Nelson. 161,589, Jan. 9.
Dispensing machine for gum balls or other objects. S. A. Tarrson. 162,761, Apr. 3.
Dispensing unit, Drink. G. Persak, Jr. 161,592, Jan. 9.
Dispensing unit, Refrigerated butter and cream. R. R. Perkins. 164,445, Sept. 4.
Display attachment for automobiles. M. Marx and W. Deutschmann. 163,824, July 3.
Display box for crayons and the like. J. C. Foster. 162,019, Feb. 20.
Display case and cashbox, Combination merchandise. A. J. Liberman. 163,881, July 10.
Display case and sales counter, Combined stocking. S. Roth. 162,472, Mar. 13.
Display case for three electric shavers. G. S. Birse. 161,997, Feb. 20.
Display case, Plastic. L. H. Singer and L. S. Utley. 163,971, July 17.
Display device. J. E. Dunphy and J. S. Mulvey. 162,017, Feb. 20.
Display device. R. E. Kaplan. 164,932, Oct. 23.
Display device. G. S. Snyder. 161,970, Feb. 13.
Display device, Advertising. A. K. Mellos. 162,859, Apr. 10.
Display device, Animated. D. Heyes. 162,027, Feb. 20.
Display device for attachment to parking meters, Advertising. H. R. Siegel and M. Paull. 161,715, Jan. 23.
Display device, Merchandise. A. C. Devorn. 161,432, Jan. 2.
Display device, Popcorn. T. H. Kimstohk, Sr. 161,634, Jan. 16.
Display figure, Advertising. M. Artmann. 164,757, Oct. 9.
Display package, Plastic. F. W. Steudler. 162,093, Feb. 20.
Display stand or similar article. G. J. Colombo. 162,010, Feb. 20.
Display stand or similar article, Merchandise. F. Westernacher. 163,007, Apr. 17.
Dog collar and leash attaching means, Combination. L. S. Elsinger. 163,375, May 22.
Doily. E. Karfiol. 162,310–11, Mar. 6.
Doily or similar article. K. C. Hamilton. 162,298, Mar. 6.
Doily or the like. K. C. Hamilton. 161,623–4, Jan. 16.
Doily or the like. E. L. Melson. 161,951, Feb. 13.
Doll. M. R. Fry. 161,619, Jan. 16.
Doll. A. Garen. 163,176, May 8.
Doll. A. B. Hahn. 164,489, Sept. 11.
Doll. T. E. Holford. 161,691–2, Jan. 23.
Doll. B. E. Honeck. 161,629, Jan. 16.
Doll. A. E. Langford. 161,943, Feb. 13.
Doll. C. F. Lougaris. 164,434, Sept. 4.
Doll. E. Wiginton. 163,432, May 22.
Doll, Baseball clown. G. I. Fischer. 164,161, Aug. 7.
Doll display package. R. E. Smith. 165,490, Dec. 18.
Dollhouse. R. E. Ralston. 163,479, May 29.
Doll or the like, Dancing. S. Ciccone and E. L. King, Jr. 163,026, Apr. 24.
Doll, Winged. L. Katz. 165,469, Dec. 18.
Dolly. L. H. Best. 164,092, July 31.
Door chime. R. D. Parry. 164,260, Aug. 14.
Door control. H. L. F. Nettleton and W. J. Milestan. 162,977, Apr. 17.
Door for a refrigerator cabinet. O. E. Norberg and A. E. Nave. 164,054–5, July 24.
Door for a refrigerator, Evaporator. C. Reynolds, Jr. 162,471, Mar. 13.
Door for furnaces or the like, Safety. L. J. Harris. 162,536, Mar. 20.
Door guard, Automobile gasoline. P. E. Allen. 161,990–1, Feb. 20.
Door guard, Automobile gasoline. P. E. Allen. 162,109, Feb. 27.
Door guard, Gasoline. P. E. Allen. 162,108, Feb. 27.
Door guard, Gasoline. B. Barr. 162,115, Feb. 27.
Door guard, Gasoline. B. Barr. 163,509, June 5.
Door guard, Gasoline. B. Barr. 163,843, July 10.
Door, Refrigerator. M. Ferar. 164,850, Oct. 16.
Drainer, Pot. J. Schoenfeld. 161,542, Jan. 2.
Dress. J. L. Asteroff. 162,508, Mar. 20.
Dress. H. C. Cookman. 162,011, Feb. 20.
Dress. E. Cutler. 161,739, Jan. 30.
Dress. R. Feintuch. 162,943, Apr. 17.
Dress. R. Feintuch. 164,905–7, Oct. 23.
Dress. H. A. Georgiades. 163,177, May 8.
Dress. A. Henry. 164,858, Oct. 16.
Dress. B. Hurwitz. 162,957, Apr. 17.
Dress. A. Lipshitz. 163,301, May 15.
Dress. I. Roth. 164,878–80, Oct. 16.
Dress. B. Rubin. 165,113, Nov. 6.
Dress. S. Skurnik. 162,244, Feb. 27.
Dress. M. Verrand. 162,999–163,000, Apr. 17.
Dress. M. Verrand. 165,121, Nov. 6.
Dress and scarf, Combined. B. Hurwitz. 161,757, Jan. 30.
Dress and scarf, Combined. M. Verrand. 165,035, Oct. 30.
Dress-apron ensemble. C. Dawson. 162,715, Apr. 3.
Dress ensemble. H. Bayor. 161,893, Feb. 13.
Dress ensemble. E. Cutler. 161,740, Jan. 30.
Dress ensemble. T. M. Fritz. 165,149, Nov. 13.
Dress ensemble. A. Henry. 164,859, Oct. 16.
Dress ensemble. B. Hurwitz. 162,956, Apr. 17.
Dress ensemble. M. Verrand. 163,001, Apr. 17.
Dress or like article of feminine apparel. L. M. Cooper. 162,936, Apr. 17.
Dress or similar article. H. Weidenfeld. 161,808, Jan. 30.
Dress or the like, Play. J. Brooks. 164,281, Aug. 21.
Dresser. A. O. Belanger. 163,353, May 22.
Dresser. E. Herrmann. 162,538, Mar. 20.
Dresser, Doll's miniature. T. Friedman. 163,269, May 15.
Dresser or similar article. O. C. Robbins. 165,397, Dec. 11.
Dresser or similar article. D. A. Wallance and D. Bendersky. 164,614, Sept. 18.
Dresser or similar article of furniture. M. H. Sussman. 162,491, Mar. 13.
Drier and heater, Combination hair. R. R. Hutcheson. 163,180, May 8.
Drier or similar article, Electric hand. C. J. Oliver and J. Kupski. 164,511, Sept. 11.
Drill press feed or the like, Automatic. D. E. and W. N. Beckett. 162,615, Mar. 27.
Driver or similar article, Staple. H. W. Marano. 161,851, Feb. 6.
Drum. O. Orta. 163,538, June 5.
Dump body tail gate unit. E. A. Schonrock. 163,715, June 19.
Dungarees, Pair of. A. W. Patterson. 161,524, Jan. 2.
Duplicating machine. D. L. Painter. 163,625, June 12.
Duplicating machine. J. Palma, Jr. 163,409, May 22.
Duplicator, Portable. A. J. Heyer and F. K. Moore. 165,332, Dec. 4.
Dutch oven, Electrically heated. R. N. Sellon, Jr. 161,793, Jan. 30.
Earring. W. N. Provenzano. 163,708, June 19.
Earring attachment. J. Carroll, Jr. 162,382, Mar. 13.
Earring or similar article. A. Katz. 161,462–3, Jan. 2.
Earring or similar article. A. Katz. 161,465, Jan. 2.
Earring or similar article. A. Katz. 161,761, Jan. 30.
Earring or similar article. A. Philippe. 161,526, Jan. 2.
Earring or similar article. A. Philippe. 162,066–8, Feb. 20.
Earring or similar article. A. Philippe. 162,449–50, Mar. 13.
Earring or similar article. A. Philippe. 162,459, Mar. 13.
Earring or similar article. A. Philippe. 164,127–8, July 31.
Earring or similar article. A. Philippe. 164,719, Oct. 2.
Earring or similar article. A. Philippe. 164,727–9, Oct. 2.
Earring or similar article. A. Philippe. 164,731, Oct. 2.
Earring or similar article. A. Philippe. 164,805, Oct. 9.
Earring or similar article. A. Philippe. 164,946–9, Oct. 23.
Earring or the like. A. Philippe. 165,342, Dec. 4.
Earring or the like. A. Philippe. 165,542–3, Dec. 25.
Earring or the like. Y. Roditi-Melli. 161,872, Feb. 6.
Easel head. B. V. Hughes. 164,632, Sept. 25.
Edible shell or the like. E. A. Thomas. 165,197, Nov. 13.
Egg hatcher, Exhibiting. W. A. Ketay. 161,466, Jan. 2.
Electric drill unit, Portable. R. K. Davis. 165,415, Dec. 18.
Electric range backsplasher. T. M. Steinbach. 164,142, July 31.
Electric socket and tap unit. W. G. Tyler. 164,462, Sept. 4.
Electrical appliance for defrosting refrigerators. C. B. Schultz. 163,829, July 3.
Emblem. T. Wiggins. 163,345, May 15.
Embroidered trimming. A. Gelb. 162,532, Mar. 20.
Embroidered trimming or similar article. H. Stern. 163,074, Apr. 24.
Engine for aircraft, Combined turbine and jet propelled. B. S. Lynn and I. H. Driggs. 163,528, June 5.
Envelope. D. D. Rones. 161,965, Feb. 13.
Envelope opening machine. W. O'Neil. 164,124, July 31.
Escutcheon and handle for doors, Combined. O. R. Crain. 164,101–4, July 31.
Escutcheon for door locks. E. L. Schlage. 164,606, Sept. 18.
Evacuator, Fluid. H. M. Hanks. 161,835, Feb. 6.
Eye testing device. C. A. Ellis. 164,109, July 31.
Eye testing device. R. V. Gerhardt. 163,942, July 17.
Fabric. R. M. Loeff. 161,587–8, Jan. 9.
Fabric. H. Rose. 163,820, July 3.
Fabric, Embossed embroidered. G. Brandon. 162,375, Mar. 13.
Fabric, Embroidered. H. Krieger. 165,376–80, Dec. 11.
Fabric, Flocked. J. Alexander. 165,206–8, Nov. 20.
Fabric, Narrow elastic. C. J. Busch. 162,785–6, Apr. 10.
Fabric, Narrow woven. C. S. Wackerman. 165,498, Dec. 18.
Fabric or similar article, Textile. M. R. Hamre. 162,825, Apr. 10.
Fabric or similar article, Textile. M. R. Hamre. 163,036, Apr. 24.
Fabric or similar article, Textile. M. R. Hamre. 163,693, June 19.

Fabric or similar article, Textile. M. R. Hamre. 163,867, July 10.
Fabric or similar article, Textile. R. J. Hibbard. 162,301, Mar. 6.
Fabric or similar article, Textile. R. Kent. 163,876, July 10.
Fabric or similar article, Textile. W. J. Meek. 163,060, Apr. 24.
Fabric or similar flat surface material. Y. De Veaux. 164,221–3, Aug. 14.
Fabric or similar flat surface material, Textile. M. L. Hucke. 163,607, June 12.
Fabric or the like. S. Bochner. 165,505, Dec. 25.
Fabric or the like for grills of radios. J. A. MacIntyre. 162,327, Mar. 6.
Fabric or the like for grills of radios. J. A. MacIntyre. 165,386, Dec. 11.
Fabric or the like, Narrow. S. L. Oppenheimer. 162,684, Mar. 27.
Fabric or the like, Narrow embroidered. B. Friedman. 162,294, Mar. 6.
Fabric or the like, Printed. E. N. Timmons. 163,977–8, July 17.
Fabric or the like, Textile. A. P. Crotty. 165,327, Dec. 4.
Fabric, Textile. H. E. Adams. 165,317, Dec. 4.
Fabric, Textile. B. M. Cadwallader. 163,165, May 8.
Fabric, Textile. B. D. Gould. 164,922, Oct. 23.
Fabric, Textile. S. J. Lombardo. 163,209, May 8.
Fabric, Textile. S. M. Mandell. 162,555–6, Mar. 20.
Fabric, Textile. W. Mitschke. 162,428, Mar. 13.
Fabric, Textile. H. A. Portong. 162,876, Apr. 10.
Fabric, Textile. H. E. Stehli. 164,335, Aug. 21.
Fabric, Textile. P. Wayne. 162,602, Mar. 20.
Fabric, Textile. H. A. Weinberg. 163,783, June 26.
Fabric, Textile. A. Zavell. 162,605, Mar. 20.
Fabric trimming or similar article, Embroidered narrow woven. M. Rosenbaum. 163,821, July 3.
Facepiece for a goggle or the like. C. A. Ellis. 162,802, Apr. 10.
Facial tissue holder and child's purse or similar article, Combined. H. Chase. 162,008, Feb. 20.
Fan. F. Se Bastian. 161,967, Feb. 13.
Fan and room conditioner, Combination electric. H. Greenberg and J. J. Shelley. 164,234, Aug. 14.
Fan blade. J. T. Roffy. 165,246, Nov. 20.
Fan, Electric. C. E. Jones and R. H. Crowle. 164,114, July 31.
Fan, Portable electric. B. J. Patrick. 164,381, Aug. 28.
Fan unit, Exhaust ventilating. W. J. Lovelace. 164,435, Sept. 4.
Fastener and hook, Strap. A. M. Moody. 163,469, May 29.
Fastener, Bolt type. J. S. Grossman. 161,831, Feb. 6.
Faucet. G. L. Hall. 163,598, June 12.
Faucet and soap dish, Combined. A. G. Smolensky. 163,545, June 5.
Faucet, Beverage dispensing. R. M. Lowry 164,373, Aug. 28.
Faucet for garden hose or the like. C. R Lindberg. 164,586, Sept. 18.
Feeder, Bird. P. E. Ehrenfeld. 162,139, Feb. 27.
Feeder, Time controlled pet. F. A. Hedwall. 164,576, Sept. 18.
Feeder, Timed automatic pet. F. J. Mulhern. 164,590, Sept. 18.
Fence for Christmas trees, Decorative. J. T. Rogers. 163,966, July 17.
Fence post cap. H. J. Barber. 164,275, Aug. 21.
Fender, Automobile. A. J. Kaminski. 162,175, Feb. 27.
Fender, Automobile. A. J. Kaminski. 162,839, Apr. 10.
Fender, Automobile. F. Stanley. 162,251–3, Feb. 27.
Fender, Automobile. F. Stanley. 165,560, Dec. 25.
Fender guide. J. O. Thibault. 165,495, Dec. 18.
Fender lamp housing. V. L. Neunaber. 165,019, Oct. 30.
Fender trim, Automobile. R. La Mont. 164,117, July 31.
Fender trim, Automobile. C. E. Sykes. 163,718, June 19.
Figurine. D. Casady. 162,384, Mar. 13.
Figurine. E. C. Frenzel. 161,686–7, Jan. 23.
Figurine. J. W. Gillette. 164,111, July 31.
Figurine. C. G. Heinrich. 164,992, Oct. 30.
Figurine. M. Kramer. 162,317, Mar. 6.
Figurine. J. G. Pollock. 162,469, Mar. 13.
Figurine. C. Romanelli. 163,771, June 26.
Figurine. W. C. Rushmore. 162,473, Mar. 13.
Figurine or similar article. R. H. Lenaburg. 162,549, Mar. 20.
Figurine or the like. M. Halpert. 163,866, July 10.
Figurine or the like. A. T. White and A. D. Bulone. 161,981–2, Feb. 13.
Figure or the like, Advertising. E. L. Gilchrist. 162,152, Feb. 27.
File, Rotary. B. Discount. 162,015, Feb. 20.
Film material or like flat surface material. J. Bolten, Sr. 163,018, Apr. 24.
Film material or like flat surface material. J. Bolten. 163,245, May 15.
Film mounting J. D. Cassidy and J. D. Marks. 164,901, Oct. 23.
Film strip viewer. R. B. Fuller. 162,148, Feb. 27.
Film viewer or similar article, Portable. R. M. Barth. 164,153, Aug. 7.
Filter, Gasoline. V. P. Mathews. 164,698, Oct. 2.
Filter press kit, Portable. G. W. Anderson and D. B. Jones. 165,257, Nov. 27.
Finial for lamps or similar articles. J. M. Black. 163,786, July 3.
Fire extinguisher. F. B. Allen. 164,346, Aug. 28.
Fire extinguisher. J. G. Lippincott and L. F. Covey. 161,697, Jan. 23.
Fire extinguisher. E. P. Van Sciver. 165,034, Oct. 30.
Fire-extinguishing foam producing unit. L. E. Mitchison. 165,018, Oct. 30.
Fish bowl. F. Dostalek. 164,480, Sept. 11.
Fish grip. C. J. Achenbach. 161,405, Jan. 2.
Fishhook disgorger. C. A. Lawrence. 163,702, June 19.
Fishline sinker. F. P. Humphrey. 162,660, Mar. 27.
Fish lure. B. Amato. 161,992, Feb. 20.
Fish lure. S. B. Bekkala. 162,776, Apr. 10.
Fish lure. J. W. Bolton. 164,841, Oct. 16.
Fish lure. B. J. Gellings. 163,997, July 24.
Fish lure. M. E. Pope. 161,870, Feb. 6.
Fish lure. G. C. Stauffer. 162,696, Mar. 27.
Fish lure, Trolling. L. B. Finberg. 162,018, Feb. 20.
Fishing lure. H. C. Starkey. 161,716, Jan. 23.
Fishing lure, Artificial. C. E. Brooks. 161,820, Feb. 6.
Fishing lure, Artificial. H. R. Smith. 163,973, July 17.
Fishing plug. J. P. Haley. 161,620, Jan. 16.
Fishing rod and reel, Combined. A. C. Shafer. 165,555, Dec. 25.
Fitting, Lavatory. P. Muller-Munk. 162,678, Mar. 27.
Fixture and housing for door opening and closing mechanism, Combination electric lamp. G. H. Hansen, Jr. 162,300, Mar. 6.
Fixture, Bathroom. A. A. Cleverdon. 161,425, Jan. 2.
Fixture, Display. E. R. Erickson. 165,063, Nov. 6.
Fixture, Electric lighting. J. W. Brooks. 162,124, Feb. 27.
Fixture, Fluorescent lighting. G. Ainsworth. 162,278, Mar. 6.
Fixture, Fluorescent lighting. C. X. Meyer. 162,300, Mar. 6.
Fixture, Lighting. A. V. Jernigan. 162,169, Feb. 27.
Fixture, Lighting. C. D. McCann. 162,744, Apr. 3.
Fixture or similar article, Recessed bathroom. C. A. Laystrom and H. R. Sigler. 164,431, Sept. 4.
Fixture, Ozone-lamp. R. B. Roney. 162,345, Mar. 6.
Fixture, Wall mounted lighting. V. N. Marker. 161,699–700, Jan. 23.
Flash gun, Photographic. C. E. Nerpel. 164,593, Sept. 18.
Flash gun, Photographic. F. J. Rizzatti. 162,989, Apr. 17.
Flashlight and flasher light, Combination. C. E. Nyberg. 161,958, Feb. 13.
Flashlight or similar article. S. Schwartz. 163,488, May 29.
Float or similar article, Child's. W. F. Moore. 162,333, Mar. 6.
Floodlight. H. E. Rutledge. 164,065, July 24.
Floor covering or similar article, Hard surface. A. E. Lawrence. 164,695, Oct. 2.
Floor mat. V. M. Cruikshank. 164,627, Sept. 25.
Flower, pot, and plant stem ornament, Combined artificial. G. W. Ellison. 164,560, Sept. 18.
Flower shop, Mobile. R. C. Ludwig. 165,178, Nov. 13.
Fluid applicator or the like, Stationer's. E. A. Johnson. 163,951, July 17.
Foliage unit for a miniature portable Christmas tree. N. T. Baldanza. 161,565, Jan. 9.
Font of numerals. F. E. Meyer. 164,701, Oct. 2.
Font of three-dimensional display letters. F. P. Mitten. 162,561, Mar. 20.
Font of type. A. C. Jimenez. 164,688, Oct. 2.
Food product, Molded. L. Peters. 165,391–3, Dec. 11.
Food receptacle and chopping board, Combined. J. A. Russ. 161,596, Jan. 9.
Foot balancer insert. D. W. Austin. 162,111, Feb. 27.
Fork or similar article. J. C. Van Koert. 161,720, Jan. 23.
Fork or similar article. F. Wagner. 163,658, June 12.
Fountain. C. G. Krantos. 165,471, Dec. 18.
Fountain, Bird drinking. D. L. White. 164,213, Aug. 7.
Fountain brush and razor unit, Combined. H. W. Bauder. 161,675, Jan. 23.
Fountain, Portable. A. C. Mifsud. 164,510, Sept. 11.
Fowl bleeder. W. M. Shoffner. 163,831, July 3.
Frame and screen for television or picture projection, Combined. E. C. Klotz, Jr. 163,206, May 8.
Frame, Buckle. P. W. White. 164,750, Oct. 2.
Frame, Chair. F. L. Duer. 164,291, Aug. 21.
Frame, Chair. T. Moore. 163,306, May 15.
Frame, Crochet. K. L. Cox. 162,287, Mar. 6.
Frame, Dip net. J. W. Harvey. 162,827, Apr. 10.
Frame, Egg cooking. E. W. Klein. 162,041, Feb. 20.
Frame for a rotatable condiment rack. W. B. Sewell. 164,965, Oct. 23.
Frame for barber's seat. B. Klein. 165,078, Nov. 6.
Frame for gift packages, Separable picture or monogram. J. Byck. 163,931–2, July 17.
Frame for sunglasses or similar articles. J. B. Wright. 164,146, July 31.
Frame, Goggle. H. G. Tietje. 126,998, Apr. 17.
Frame of a baby walker. C. C. Stack. 164,140, July 31.
Frame or similar article, Picture. G. Glass. 162,810, Apr. 10.

Frame or similar article, Spectacle. I. Hirschman. 162,955, Apr. 17.
Frame or similar article, Spectacle. H. Stenzel. 161,718, Jan. 23.
Frame or the like, Spectacle. C. A. Baratelli. 161,672–3, Jan. 23.
Frame or the like, Spectacle. C. A. Baratelli. 163,737, June 26.
Frame or the like, Spectacle. A. Kono. 165,079, Nov. 6.
Frame, Picture. A. Babitz. 162,771, Apr. 10.
Frame, Picture. J. Clayman. 165,364, Dec. 11.
Frame, Picture. J. A. Grosso. 164,569, Sept. 18.
Frame, Semirimless spectacle. A. Ditto. 163,374, May 22.
Frame, Spectacle. A. L. Anderson and L. W. Myers. 161,993–4, Feb. 20.
Frame, Spectacle. F. A. Blasi. 163,740, June 26.
Frame, Spectacle. J. C. Foster. 162,945, Apr. 17.
Frame, Spectacle. J. C. Foster. 163,940, July 17.
Frame, Table. O. J. Wiethoff. 162,604, Mar. 20.
Frame, Tree decorating. E. M. Willis. 163,434, May 22.
Frame, Wheelbarrow. J. P. Harrison. 163,280, May 15.
Front for goggles. C. A. Ellis. 162,801, Apr. 10.
Front panel, Television receiver. C. Reynolds, Jr. 161,531, Jan. 2.
Front panel, Television receiver. C. Reynolds, Jr. 161,533, Jan. 2.
Front plate for a typewriting machine. T. G. Clement. 165,513, Dec. 25.
Front, Spectacle. N. A. Siegal. 161,599, Jan. 9.
Fruit and vegetable knife and orange peeler, Combined. N. K. Morris. 164,801, Oct. 9.
Fryer, Deep fat. M. A. Feinstein. 164,359, Aug. 28.
Fryer, Deep fat. N. Houbolt. 164,581, Sept. 18.
Fryer, Electric deep fat. S. J. Budlane and R. Dusek. 164,982, Oct. 30.
Furniture unit, Corner. E. Tarlazzi. 162,492, Mar. 13.
Game accessory, Card. F. Sanderson. 162,475, Mar. 13.
Game board. H. M. Hay. 164,170, Aug. 7.
Game board. J. E. Lawhon. 164,178, Aug. 7.
Game board. L. H. Plank. 161,868–9, Feb. 6.
Game, Board. T. H. Rapoport. 162,687, Mar. 27.
Gameboard. E. H. Schmidt. 162,089, Feb. 20.
Game board. D. L. Stackhouse. 164,458, Sept. 4.
Game counter or similar article. S. F. Fuchs. 162,020, Feb. 20.
Game device or similar article, Ball. J. R. Haupenthal. 163,281, May 15.
Garment, Foundation. S. Levy. 165,294, Nov. 27.
Garment, Foundation. H. Steiner. 164,206, Aug. 7.
Gate top ornament. B. Youngworth. 162,918, Apr. 10.
Gate unit. M. Bello. 164,620, Sept. 25.
Gauge, Button. K. R. Wilson. 163,549, June 5.
Gauge for precious stones. W. H. Lehrfeld. 162,848, Apr. 10.
Gauge mechanism housing. E. T. Sliwinski. 163,904, July 10.
Gauge or similar article, Fluid pressure. T. A. St. Clair. 165,117, Nov. 6.
Gauge, Stamp. J. R. Fiala. 163,030, Apr. 24.
Gauge, Thickness. W. C. Stratman. 161,662, Jan. 16.
Gem setting or similar article. I. Roskin. 163,420, May 22.
Girdle. M. Imershein. 162,661, Mar. 27.
Girdle. M. Imershein. 164,366, Aug. 28.
Girdle. M. Kahn. 162,415, Mar. 13.
Girdle. M. Mayer. 164,438, Sept. 4.
Girdle or similar article. A. Brown. 163,362, May 22.
Girdle or similar article. A. A. Meyers. 164,509, Sept. 11.
Girdle or similar article. G. P. Rosenfeld and A. P. Chase. 164,330, Aug. 21.
Glass, Drinking. J. S. Cooper. 165,325, Dec. 4.
Glass, Drinking. W. Y. Wilson. 163,080, Apr. 24.
Glass or similar article, Hand magnifying. C. A. Baratelli. 163,349, May 22.
Glass washer. T. H. Corbett. 162,388, Mar. 13.
Globe, Lighting fixture. K. Franck. 164,564, Sept. 18.
Globe, Lighting fixture. R. Pryne. 163,220, May 8.
Glove. E. Breath. 162,000–001, Feb. 20.
Glove. E. Breath. 163,250, May 15.
Glove. E. Breath. 163,361, May 22.
Glove. E. Breath. 163,675, June 19.
Glove. E. Breath. 163,988, July 24.
Glove. E. Breath. 165,048, Nov. 6.
Glove. E. Breath. 165,131, Nov. 13.
Glove. J. A. Higier. 161,444–7, Jan. 2.
Glove. J. A. Higier. 161,582–3, Jan. 9.
Glove. J. A. Higier. 162,028–9, Feb. 20.
Glove. R. H. Higier. 161,753, Jan. 30.
Glove. R. H. Higier. 162,656–7, Mar. 27.
Glove. R. H. Higier. 162,727–32, Apr. 3.
Glove. R. H. Higier. 162,954, Apr. 17.
Glove. R. H. Higier. 163,040–3, Apr. 24.
Glove. R. H. Higier. 163,388–9, May 22.
Glove. R. H. Higier. 163,519, June 5.
Glove. B. Kennedy. 161,843, Feb. 6.
Glove. B. Kennedy. 161,938, Feb. 13.
Glove. B. Kennedy. 162,180, Feb. 27.
Glove. B. Kennedy. 163,292, May 15.
Glove. H. Kress. 164,427–9, Sept. 4.
Goblet. L. A. Roden. 163,326, May 15.
Goblet. R. A. Yuchtmann. 164,618, Sept. 18.
Goblet, Footed. M. G. Yutzey. 164,345, Aug. 21.
Goblet or similar article. H. G. Kammerer. 163,806, July 3.
Goblet or similar article. W. P. Morrison. 161,704, Jan. 23.
Golf ball holding apparatus, Practice. Z. M. Smolarek. 165,196, Nov. 13.
Golf club. D. U. Belline and F. S. Strafaci. 163,083, May 1.
Golf club. J. A. Karns. 164,241, Aug. 14.
Golf club and golf ball carrier, Combined. A. W. Kerr. 164,503, Sept. 11.
Golf club conveyance. F. S. Grover, P. A. Brandmeier, and J. E. Brice. 164,570, Sept. 18.
Golf club head. M. A. Behrendt. 164,469, Sept. 11.
Golf club head. W. H. Jacobs. 164,367, Aug. 28.
Golf club head. W. H. Jacobs. 165,458, Dec. 18.
Golf club head. J. A. Markovich. 162,054, Feb. 20.
Golf club head. T. Penna. 163,961, July 17.
Golf club head. T. Penna. 164,596–7, Sept. 18.
Golf putting device. S. M. Griswold. 164,166, Aug. 7.
Golf tee. R. R. Ward. 161,602, Jan. 9.
Golf tee holder or similar article. R. R. Ward. 165,253, Nov. 20.
Gown. E. Kay. 162,040, Feb. 20.
Grandstand unit, Portable. J. Huck. 164,424, Sept. 4.
Grass divider. L. Shell. 165,247, Nov. 20.
Grate, Fireplace. J. J. Pentek. 163,318, May 15.
Graver and screw driver sharpening fixture. I. Waller. 162,911, Apr. 10.
Grill, Barbecue. A. B. Barnhart. 163,163, May 8.
Grill, Charcoal. J. A. Riordan. 164,199, Aug. 7.
Grill, Electric. T. Oertli. 164,258, Aug. 14.
Grill, Picnic. W. P. and N. R. Miller, and R. E. Williams. 165,475, Dec. 18.
Grille, Automobile. H. T. Bannister. 162,113, Feb. 27.
Grille, Automobile radiator. E. O. Sheard. 161,544, Jan. 2.
Grille bar, Automobile. D. E. Scott. 162,236, Feb. 27.
Grille bar for an automobile. F. Reynolds. 163,636, June 12.
Grille for accordions. M. Pancotti. 162,574, Mar. 20.
Grille for air conditioning cabinet. H. E. Anderson, Jr. 165,210, Nov. 20.
Grille for an accordion or similar article. A. Dronge. 163,992, July 24.
Grille or the like, Door. J. E. Lindstrom. 162,324, Mar. 6.
Grinder. R. E. Sykes. 162,593, Mar. 20.
Grinder and dispenser for coffee and the like, Combination. S. Dale. 164,220, Aug. 14.
Grinder, Food. H. J. Talge. 162,997, Apr. 17.
Grinder, Jig. F. C. Victory. 163,076, Apr. 24.
Grinding machine. S. H. Springman. 163,490, May 29.
Grip or the like, Garment. H. F. Burnham. 162,932, Apr. 17.
Guard, Automobile grille. H. M. Jenkins, Jr. 161,455, Jan. 2.
Guard, Automotive vehicle trunk. R. F. Smith. 161,547, Jan. 2.
Guard, Screen. C. W. Jorgensen. 162,413, Mar. 13.
Guitar. C. L. Fender. 164,227, Aug. 14.
Gun cradle, Belt attaching. O. L. Ulvang. 162,904, Apr. 10.
Gunrack, Portable. M. W. Mettenleiter. 162,207, Feb. 27.
Hairbrush. E. L. H. Cosby. 165,514, Dec. 25.
Hairbrush or similar article. R. X. Gibo. 163,271, May 15.
Hairpin. M. C. Towns, Jr. 164,460, Sept. 4.
Hairpin spreader. T. L. Unruh. 164,526, Sept. 11.
Hair-waving rod R. E. Melaro. 164,700, Oct. 2.
Halter or similar article. J. Glick. 161,439, Jan. 2.
Hammer. F. C. Alexander. 161,810, Feb. 6.
Hammer, nail-extracting claw, and wrecking tool, Combination. H. T. Moses. 164,705, Oct. 2.
Hammer, spanner, tommy bar and crowbar, Combined. A. H. Hawes. 163,385, May 22.
Hamper, Clothes. A. Caccia. 163,679, June 19.
Handbag. M. S. Chandlee. 164,623, Sept. 25.
Handbag. W. H. Hardy. 163,037, Apr. 24.
Handbag. W. H. Hardy. 163,384, May 22.
Handbag. W. H. Hardy. 165,228, Nov. 20.
Handbag. I. Pichel. 165,190, Nov. 13.
Handbag. I. Pichel. 165,239–40, Nov. 20.
Handbag. T. Rosenberg and H. T. Silverman. 165,483, Dec. 18.
Handbag. L. K. Rotkel. 165,552, Dec. 25.
Handbag. J. Stakofsky. 165,492, Dec. 18.
Handbag. G. Weinstein. 161,980, Feb. 13.
Handbag. D. W. Wiggin. 163,726, June 19.
Handbag and cover therefor, Combined. M. R. Bienen. 164,621, Sept. 25.
Handbag or the like. H. Jakubovitz. 164,639, Sept. 25.
Handbag ornament. A. Wirklich. 165,204, Nov. 13.
Handbag, Reversible drawstring. J. Cohen. 164,626, Sept. 25.
Handpiece, Dental. R. W. Brown. 162,002, Feb. 20.
Handsaw. B. A. Derr. 162,794, Apr. 10.
Handle. D. Acocello. 161,890, Feb. 13.
Handle. J. B. Stuman. 165,119, Nov. 6.
Handle and bracket, Combined door. R. G. Williams. 163,548, June 5.
Handle, Automotive vehicle inside door. G. M. Haviland. 162,724–5, Apr. 3.

Handle, Automotive vehicle rear deck lid. E. E. Glowacke. 162,154, Feb. 27.
Handle, Automotive vehicle window regulator. G. M. Haviland. 163,694, June 19.
Handle bail for a suction cleaner or similar article. H. Dreyfuss. 165,329, Dec. 4.
Handlebar stem or similar article, Bicycle. C. H. Parton. 163,540, June 5.
Handle, Combination flashlight and fishing pole. P. C. La Falce. 162,319, Mar. 6.
Handle cover, Cooking utensil. F. R. Arnone. 165,211, Nov. 20.
Handle, Door. O. R. Crain. 161,427–9, Jan. 2.
Handle, Faucet. S. A. Young. 165,040–1, Oct. 30.
Handle, Fishing rod. D. M. Kitterman. 165,529, Dec. 25.
Handle, Fishing rod. L. G. Stine. 162,256, Feb. 27.
Handle, Food mixer. J. Morgan. 163,622, June 12.
Handle for a kitchen utensil. W. O. Brown. 164,842, Oct. 16.
Handle for a refrigerator door latch. C. W. Sanders. 165,484, Dec. 18.
Handle for cooking utensils. T. W. Lewis. 164,372, Aug. 28.
Handle for cooking utensils. F. Wagner. 162,762, Apr. 3.
Handle for cooking utensils and the like, Side. J. L. Hvale. 162,737, Apr. 3.
Handle for disposable mop. L. F. Covey and E. Greacen, Jr. 164,100, July 31.
Handle for flush tank lever. D. E. Gulick. 164,300, Aug. 21.
Handle for furniture. J. Adkinson. 162,505, Mar. 20.
Handle for kitchen utensils or similar articles. F. Wagner. 163,428, May 22.
Handle for oven door or the like. J. B. Stuman. 163,231, May 8.
Handle for refrigerated cabinets. C. H. Kafer. 165,375, Dec. 11.
Handle for refrigerated cabinets. C. H. Kafer. 165,526, Dec. 25.
Handle, Furniture. J. Adkinson. 162,504, Mar. 20.
Handle, Kettle. J. Morgan. 162,676, Mar. 27.
Handle, Knife. M. A. Bjork. 163,440, May 29.
Handle, Operating. E. Drewitz. 163,264, May 15.
Handle or the like, Cooking utensil. J. C. Baker. 165,260, Nov. 27.
Handle or the like, Cutlery. L. K. Carroll. 163,933, July 17.
Handle or the like, Knife. T. S. Gorton. 164,163, Aug. 7.
Handle, Oven door. R. A. Stone. 161,802, Jan. 30.
Handle, Oven door. R. A. Stone. 165,561, Dec. 25.
Handle, Oven door. E. W. North. 164,256, Aug. 14.
Handle, Shower and tub diverter valve. S. A. Young. 164,541, Sept. 11.
Handle, Stove. D. E. Stewart. 164,655, Sept. 25.
Handle unit. K. Burgold. 162,516, Mar. 20.
Handle, Valve. F. H. Hehemann. 163,999, July 24.
Hanger and pot holders, Combined. L. M. Johnson. 164,175, Aug. 7.
Hanger, Child's peg board clothes. G. A. Price. 164,956, Oct. 23.
Hanger, Garment. R. W. Colwell. 162,520, Mar. 20.
Hanger, Garment. T. C. Giacomelli. 163,178, May 8.
Hanger, Garment. K. A. Perry. 164,710, Oct. 2.
Hanger, Garment. J. W. Tuma. 162,261, Feb. 27.
Hanger or similar article, Garment. C. Silver. 164,455, Sept. 4.
Harmonica. F. H. Magnus. 162,671, Mar. 27.
Harrow, Tandem disk. H. G. Bailey. 165,046, Nov. 6.
Harvester, Corn. R. A. Hamaker. 163,599, June 12.
Hat. P. M. Maxwell and K. M. Wlach. 163,466, May 29.
Hat. G. Montabert. 162,211, Feb. 27.
Hat. E. Weissberger. 162,763, Apr. 3.
Hat or similar article. A. Rothchild. 162,580, Mar. 20.
Hatrack. H. T. Cook. 161,680, Jan. 23.
Hat, Woven ribbon. S. Scheuer. 162,088, Feb. 20.
Head and back rest for chairs and beaches, with flaps. C. Fleisig. 165,330, Dec. 4.
Head bar and installation brackets assembly, Combined Venetian blind. H. K. Lorentzen. 162,325, Mar. 6.
Headdress. W. E. Hedley. 164,991, Oct. 30.
Head for gate operating mechanism for hopper cars. G. B. Dorey. 162,133, Feb. 27.
Head for toy hobbyhorse. J. J. Couzens. 161,614, Jan. 16.
Head, Golf club. T. B. Sappington. 161,790, Jan. 30.
Headlight diffusing shield. R. H. Williams. 163,433, May 22.
Hearing aid. E. M. Yarbrough and J. T. Macken. 161,987, Feb. 13.
Hearing aid apparatus. E. C. Nicholides and C. L. Metzler. 164,648, Sept. 25.
Heater. C. C. Pruetzel. 162,083, Feb. 20.
Heater. E. B. Vandas. 165,032–3, Oct. 30.
Heater and fan casing, Combination electric. C. E. Jones and R. H. Crowle. 164,776, Oct. 9.
Heater, Cabinet type radiant. J. L. Raulston. 163,066, Apr. 24.
Heater casing or similar article, Space. R. G. Churan and R. M. Lawless. 164,670, Oct. 2.
Heater, Circulating. P. D. Kilbury. 165,335, Dec. 4.
Heater, Circulator. R. E. Kruck. 163,293, May 15.
Heater, Electric space. E. C. Wahlberg and J. J. Moughty. 164,613, Sept. 18.
Heater, Electric space. W. W. Wittie. 162,916, Apr. 10.
Heater, Gas. F. M. MacDougall. 162,969, Apr. 17.
Heater or similar article, Gas-fired unit. C. A. Reichelderfer, H. G. Raymer, and H. L. Herzig. 163,482–3, May 29.
Heater or similar article, Radiant. P. A. Jones and R. G. Churan. 163,184, May 8.
Heater, Portable radiant. J. H. Leeds. 163,051, Apr. 24.
Heater, Radiant circulator. R. E. Kruck. 163,294–5, May 15.
Heating unit, Electric range surface. A. P. Charbonneau. 162,518, Mar. 20.
Helicopter. C. A. Barnett. 163,928, July 17.
Helicopter. C. Barr and T. J. Harriman. 162,773, Apr. 10.
Helicopter. F. P. Bassett. 164,351, Aug. 28.
Helicopter. L. L. Douglas. 163,938, July 17.
Helicopter. J. F. Strickler, Jr., and D. C. Wright. 162,257, Feb. 27.
Helicopter and automobile, Combination. A. E. Fry. 164,162, Aug. 7.
High chair and ladder, Combined. P. R. Schilling. 161,791–2, Jan. 30.
Hinge, Door. J. M. Scovill. 161,650, Jan. 16.
Hinge, Door. J. M. Scovill. 161,654, Jan. 16.
Hobbyhorse. Stella, Sadie, and B. Chenault. 164,156, Aug. 7.
Hobbyhorse. R. M. Spangler. 165,491, Dec. 18.
Hobbyhorse. H. L. West. 164,749, Oct. 2.
Hobbyhorse head. E. Porozynski. 165,482, Dec. 18.
Hobby horse or similar article. M. R. Whitney. 163,155, May 1.
Hoist, Portable. O. Schultz. 164,138, July 31.
Holder, Advertising magnetic pencil. M. B. Blish. 164,548, Sept. 18.
Holder and ash tray, Combination cigarette. G. Howard. 163,755, June 26.
Holder and bracket therefor, Combined plant. J. J. Weiman. 161,978, Feb. 13.
Holder and brush, Combined soap. R. C. Runyon. 162,753, Apr. 3.
Holder and cigarette lighter, Combination lipstick. A. Monturo. 163,534–5, June 5.
Holder and razor blade container, Combined brush. A. R. Culmer. 163,576, June 12.
Holder and signal light housing, Combination license plate. K. Keller. 162,840, Apr. 10.
Holder, Automobile license plate. R. C. Porrett and W. H. Semelroth. 163,320, May 15.
Holder, Automobile license plate. G. S. Rothman. 163,328, May 15.
Holder, Automobile license plate. G. S. Rothman. 163,421, May 22.
Holder, Bathroom utility. G. L. Ellis. 162,636, Mar. 27.
Holder, Bottle. A. B. Janes and G. V. Zaccardo. 162,959, Apr. 17.
Holder, Bottle. J. C. Kelley. 164,692, Oct. 2.
Holder, Bottle. G. W. Roberts. 163,069, Apr. 24.
Holder, Bouquet. O. L. Wurzlow. 163,505, May 29.
Holder, Candle. N. J. Baumer. 164,217, Aug. 14.
Holder, Candle. N. J. Baumer. 164,399, Sept. 4.
Holder, Carving set. J. L. Hvale. 161,452, Jan. 2.
Holder, Cigarette. J. R. Johnston. 163,952, July 17.
Holder, Cigarette package. A. K. Stevens. 163,493, May 29.
Holder, Coin. G. B. Kelly. 161,937, Feb. 13.
Holder, Combination pad and pencil. C. F. Gilfert. 162,153, Feb. 27.
Holder, Combination watch and identification tag. H. Gibbons. 161,916, Feb. 13.
Holder, Combined candle and flower. M. E. Shipley. 163,333, May 15.
Holder, Combined cigarette, pencil, golf tee, and key. F. J. Gubics. 164,771, Oct. 9.
Holder, Combined coaster and drinking straw. H. Feldman. 162,638, Mar. 27.
Holder, Combined registration certificate, cigarette and match. H. Pokras and H. R. Greene. 161,787, Jan. 30.
Holder, Combined string and spoon. J. H. Fuller. 162,806, Apr. 10.
Holder, Combined sugar and condiment. S. W. Friedman. 164,630, Sept. 25.
Holder, Cutlery. F. Wagner. 163,151, May 1.
Holder device for a handbag or similar article. E. M. Davis. 164,355, Aug. 28.
Holder, Flower. M. Iwanoski. 163,182, May 8.
Holder, Foot. E. H. Westmore. 163,430, May 22.
Holder for a handbag or the like, Key. E. M. Davis. 165,270, Nov. 27.
Holder for bottles or the like, Dispensing. E. F. Bushman. 163,088, May 1.
Holder for business machines, Roll paper. L. H. Taylor. 163,232, May 8.
Holder for cigarette packages or similar articles. W. L. Soffe. 164,068–9, July 24.
Holder, Earring. V. De Felice. 162,392, Mar. 13.
Holder, Electrode. L. O. Green. 162,645, Mar. 27.
Holder for billiard table or the like, Combination corner and chalk. G. J. Kolivera. 162,316, Mar. 6.
Holder for brooms, Bristle. E. Sacks. 161,653, Jan. 16.
Holder for glasses. B. A. Rogers and J. W. Doblin. 165,303, Nov. 27.

Holder for hexagonal wrenches. C. E. Dodd and L. Scusa. 163,263, May 15.
Holder for index pad and memorandum sheets, Combined. M. M. Rodbell. 165,023, Oct. 30.
Holder for kitchen accessories, Wall-hanging. H. Oakes. 163,897, July 10.
Holder for lipsticks or the like. V. C. Wray. 162,766, Apr. 3.
Holder for match books. W. S. Hutcheson. 165,374, Dec. 11.
Holder for pad and memorandum sheets, Combined. M. M. Rodbell. 165,024–5, Oct. 30.
Holder for playing cards. J. L. Haring. 161,751, Jan. 30.
Holder for playing cards, or similar article. W. F. Beeman. 161,815, Feb. 6.
Holder for racing programs or the like. A. D. and H. W. Bernstein. 165,412, Dec. 18.
Holder for razor, Protective. E. R. Pratt. 163,321, May 15.
Holder for stockings and lingerie. J. E. Donaldson. 164,290, Aug. 21.
Holder for the lids of pots and pans. S. S. Pollock. 163,630, June 12.
Holder for use in abrasive operations. A. R. Isler. 163,118, May 1.
Holder, Hair E. H. Westmore. 165,124, Nov. 6.
Holder, Infant's combined bib and bottle. H. Daust. 162,793, Apr. 10.
Holder, Ironing cord. M. J. H. Bruce. 161,677, Jan. 23.
Holder, Key. T. Lama. 163,296, May 15.
Holder, Knife. G. H. Cushman. 163,445, May 29.
Holder, Knife set. J. L. Hvale. 161,453, Jan. 2.
Holder, Lace. B. Fortuna. 165,369, Dec. 11.
Holder, License plate. R. N. Loyd. 164,008, July 24.
Holder, Line. M. L. Gaster. 163,858, July 10.
Holder, Magnetic knife and tool. A. S. and M. Schmitman. 162,583, Mar. 20.
Holder, Map. R. H. Winslow and H. E. Marsh. 163,550, June 5.
Holder, Merchandise display. F. V. Brach. 162,120, Feb. 27.
Holder, Milk carton. J. H. Firanzi. 163,995, July 24.
Holder, Nail polish bottle. A. E. McGlinchey. 162,858, Apr. 10.
Holder, Necktie. C. V. Hoffman. 163,283, May 15.
Holder, Necktie. V. T. Howard. 161,631, Jan. 16.
Holder, Optical filter. S. Phillips. 162,339, Mar. 6.
Holder or similar article, Combined pad and pencil. G. G. Dubinetz and R. C. Morris. 162,797, Apr. 10.
Holder or similar article, Container. A. N. Kerr. 165,175, Nov. 13.
Holder or similar article, Cracker. A. V. Knox. 161,767, Jan. 30.
Holder or similar article, Necktie. R. W. Nelson. 162,431, Mar. 13.
Holder or similar article, Powder can. G. W. Emmert. 162,942, Apr. 17.
Holder or similar article, Towel. M. Fox. 162,643, Mar. 27.
Holder or the like, Coin. W. E. Stageberg. 164,522, Sept. 11.
Holder or the like, Deodorant. M. Fink. 165,518, Dec. 25.
Holder, Paint can. W. Schroeder. 161,597, Jan. 9.
Holder, Pen and pencil. B. A. Kandarian. 165,156, Nov. 13.
Holder, Picture frame. H. A. Prew. 163,632, June 12.
Holder, Plate. J. Brooks. 161,899, Feb. 13.
Holder, Safety razor. N. Eastman. 163,795, July 3.
Holder, Sewing material. J. P. Faeder. 161,617, Jan. 16.
Holder, Soap. R. Aitken. 162,921, Apr. 17.
Holder, Soap. H. S. and C. W. Baker. 161,814, Feb. 6.
Holder, Soap. A. E. Du Bois. 162,634, Mar. 27.
Holder, Soap. N. Simmons. 163,716, June 19.
Holder, Spoon. M. Hassler. 164,236, Aug. 14.
Holder, Spoon. L. B. Hinckley. 161,836, Feb. 6.
Holder, Table lighter. H. G. Treiss, Jr. 164,745, Oct. 2.
Holder, Tape measure. L. E. Dauenhauer. 161,571, Jan. 9.
Holder, Telephone receiver. V. E. Sowers, Jr. 161,971, Feb. 13.
Holder, Tie. C. A. Anderson. 161,406, Jan. 2.
Holder, Tie. M. L. Gershgoren, and M. and C. Goren. 164,631, Sept. 25.
Holder, Toothbrush. B. W. Hiller. 163,179, May 8.
Holder, Toothbrush. F. E. Neumann. 162,978, Apr. 17.
Holder, Toothbrush. E. H. Westmore. 163,431, May 22.
Holder, Towel. C. V. Hoffman. 164,580, Sept. 18.
Holder, Towel. E. Lambert. 162,739, Apr. 3.
Holding device for handbags and gloves, Combination. A. C. Cimaglia. 163,570, June 12.
Homogenizer. R. A. Yohpe. 165,500, Dec. 18.
Hood. V. C. Hayes. 165,373, Dec. 11.
Hood ornament. H. F. Weissinger and W. B. Kindred. 165,037, Oct. 30.
Hood ornament, Automobile. S. R. Jaffe. 163,950, July 17.
Hook. J. G. Sprung. 161,799, Jan. 30.
Hook, Fast jaw. G. T. Brummel. 163,568, June 12.
Hook, Shower curtain. W. Soderstrom. 163,337, May 15.
Hose reel or the like. N. Becker. 164,546, Sept. 18.
House, Bird. L. Poglein. 164,446, Sept. 4.
Houseboat. C. E. Gray. 163,515, June 5.
House trailer, Duplex. R. Ten Eyck. 164,524, Sept. 11.
Housing for a drafting machine, Counterpoise. F. E. Vaughan. 163,150, May 1.
Housing for a self-powered tractor unit, Transmission. J. A. Ronning. 161,537, Jan. 2.
Housing for an automobile fender, Reflector. C. W. Hood. 162,166, Feb. 27.
Housing for an electronic sound recorder. L. M. Heineman. 163,601, June 12.
Housing for antenna rotator, Remote control. R. H. Jordan. 161,934, Feb. 13.
Housing for dispensing apparatus. W. M. Harks. 164,169, Aug. 7.
Housing for fluid dispensing apparatus. P. Muller-Munk. 163,764, June 26.
Housing for gauge and audible signaling device. F. P. Scully. 164,453, Sept. 4.
Housing for knife sharpeners. A. E. Anheuser. 162,768, Apr. 10.
Housing for knife sharpeners. A. E. Anheuser. 165,318, Dec. 4.
Housing for vending machine. H. M. Schaef. 162,581, Mar. 20.
Housing or similar article, Vehicle lamp. L. J. Diamond. 162,631, Mar. 27.
Housing, Rotary mower. W. H. Huff. 163,696, June 19.
Housing, Transducer. H. V. Rodgers-Bannister. 162,882, Apr. 10.
Humidifier and artificial flower holder, Combination. J. Dioguardi. 165,272, Nov. 27.
Humidor and pipe rack, Combined. J. R. Barletta. 163,350, May 22.
Hydroplane or similar article. T. Geffner. 162,150, Feb. 27.
Illuminable church, Miniature. F. W. and H. M. Rosenkranz. 164,450, Sept. 4.
Illuminating device or the like, Keyhole. M. McMath and R. C. Kling. 161,950, Feb. 13.
Illuminator for microscopes. W. T. Perkins. 163,628, June 12.
Illuminator, Microscope. H. Lindemann. 162,047, Feb. 20.
Implement, Floor cleaning. J. Teague. 164,073, July 24.
Implement, Screen stretching. H. Kleeb. 162,664, Mar. 27.
Incinerator. V. Jester. 162,545, Mar. 20.
Indicator, Direction. L. Gosselin. 164,567, Sept. 18.
Indicator, Faucet hose temperature. M. E. Palmquist and E. W. Lundstrom. 163,626, June 12.
Indicator, Game. M. Frank. 165,372, Dec. 11.
Indicator or the like, Air filter cleanliness. E. Newville. 163,958, July 17.
Indicator, Traffic light. H. G. Faltin. 164,849, Oct. 16.
Informal card or the like. E. J. Jones. 164,368, Aug. 28.
Inoculator or similar article, Poultry and livestock. A. B. Willson. 163,008, Apr. 17.
Insect killer, Electronic. J. W. Ragsdale. 164,818, Oct. 9.
Insert for a box. A. Wiesen. 162,915, Apr. 10.
Instrument, Control. K. A. Wood. 165,352, Dec. 4.
Instrument, Control. K. A. Wood and M. Panich. 165,353, Dec. 4.
Instrument, Drafting. E. F. Campbell. 161,570, Jan. 9.
Instrument, Drafting. E. F. Campbell. 163,850, July 10.
Instrument, Electrical measuring. P. Huber. 161,931, Feb. 13.
Instrument, Measuring. W. A. Baum. 163,929, July 17.
Instrument for measuring a variable characteristic in an electric power conductor, Hook-on. E. O. Schweitzer, Jr. 163,830, July 3.
Instrument, Indicating. P. S. Dickey and H. H. Gorrie. 165,416, Dec. 18.
Instrument, Lens testing. C. A. Ellis. 162,800, Apr. 10.
Instrument, Medical. S. Abraham. 161,670, Jan. 23.
Instrument, Musical. V. L. Badkin. 163,347, May 22.
Instrument, Optical. W. Vaughan. 161,976, Feb. 13.
Instrument panel for automatic machine tools. R. E. Cross. 163,935, July 17.
Instrument, Surveying. A. L. Baker. 162,370, Mar. 13.
Instrument, Telebinocular stereoscopic. C. M. Pettingell. 161,785, Jan. 30.
Instrument, Woodwind musical. E. Eash. 163,993, July 24.
Insulating siding corner unit. E. Gach. 163,688, June 19.
Intercommunicating telephone master station cabinet unit. C. L. Metzler. 165,016, Oct. 30.
Intercommunicating telephone substation cabinet unit. C. L. Metzler. 165,017, Oct. 30.
Intercommunication station. A. H. Schwing. 162,754, Apr. 3.
Iron head or the like, Soldering. P. E. Spahn. 162,895, Apr. 10.
Jack, Automobile. G. V. Johnsen. 162,547, Mar. 20.
Jacket. K. H. Barr. 162,614, Mar. 27.
Jacket. S. Etkin. 163,450, May 29.
Jacket. S. Etkin. 163,796, July 3.
Jacket, Golf. L. L. Russfield. 161,540, Jan. 2.
Jar. R. Hofmann. 163,390, May 22.
Jar. J. B. Smurr. 163,426, May 22.
Jar and bottle opener, Combination. B. E. Stolpe. 164,459, Sept. 4.
Jar and cover or similar article, Combined. S. J. Shepard. 165,489, Dec. 18.

Jars and tray unit, Combined. J. A. Hill. 165,076, Nov. 6.
Jar, Cosmetic cream. S. F. Perkins, Jr. 163,063, Apr. 24.
Jar, Glass freezer. W. R. Sterrett. 163,148, May 1.
Jewel. H. Bogoff. 161,730, Jan. 30.
Jewelry component or similar article. K. C. Augenstein. 165,045, Nov. 6.
Jewelry component or similar article. K. C. Augenstein. 165,212, Nov. 20.
Jewelry finding. A. C. Burnett. 162,004, Feb. 20.
Jig saw. H. A. and R. H. Andresen. 162,279, Mar. 6.
Jug. H. Riemerschmid. 164,063, July 24.
Jug for maple syrup, Pottery. M. H. Ayres. 164,215, Aug. 14.
Jug or the like. B. D. Fuerst. 162,147, Feb. 27.
Juicer. L. M. Barbery. 161,609, Jan. 16.
Kettle unit for popcorn machines. S. M. Waas. 165,497, Dec. 18.
Keyboard guard for a typewriting machine. T. G. Clement. 165,512, Dec. 25.
Key chain and flashlight, Combined. S. Schwartz. 164,963, Oct. 23.
Key holder and identification device, Combined. H. L. Moore. 161,490, Jan. 2.
Key panel for accordions, Tone control. A. Logli. 164,696, Oct. 2.
Key, Radiotelegraph. B. H. Breedlove. 163,251, May 15.
Kiln, Electric ceramic. J. J. Darby, Jr. 164,286, Aug. 21.
Kit and handbag, Combined lunch. C. W. Sundberg and M. Ferar. 162,490, Mar. 13.
Kit, Embroidery. C. Rabinowitz. 161,644, Jan. 16.
Kitchen cabinet pull. R. A. Stone. 163,833, July 3.
Kite reel. J. H. Cordell. 165,269, Nov. 27.
Knife blade. M. A. Bjork. 163,562, June 12.
Knife, Hunting. J. F. McLean. 161,701, Jan. 23.
Knife, Kitchen. J. C. Poirier. 162,468, Mar. 13.
Knife, Melon plugger. F. M. Ono and P. T. Oishi. 162,683, Mar. 27.
Knife or similar article. J. O. Van Koert. 164,210, Aug. 7.
Knife or similar article. F. Wagner. 163,659–60, June 12.
Knife or similar article. F. Wagner. 164,887, Oct. 16.
Knife or the like, Kitchen. J. D. Kevorkian and J. R. Wolfson. 161,633, Jan. 16.
Knife, Paper. J. L. Day, Jr. 165,056, Nov. 6.
Knife, saw, and fork, Combined. E. J. Berger and E. Klein. 162,777, Apr. 10.
Knife sharpener. A. Iannelli. 165,523, Dec. 25.
Knob. R. E. Hitchcock. 162,733–4, Apr. 3.
Knob, Control. T. H. Petterson. 162,686, Mar. 27.
Knob for cooking utensils and the like. J. L. Hvale. 162,738, Apr. 3.
Knob for gear shifts and cigarette lighter, Combined. L. E. Holloway. 161,448, Jan. 2.
Knocker, Door. W. F. Hitchcock. 164,774, Oct. 9.
Knocker, Door. S. L. Rains. 162,344, Mar. 6.
Lace. A. S. Staff. 165,402, Dec. 11.
Lading stabilizer or similar article. W. T. Peyton. 164,877, Oct. 16.
Lamp. J. R. Casper. 163,370, May 22.
Lamp. J. L. Day. 163,260, May 15.
Lamp. E. L. Kulczycki. 163,524, June 5.
Lamp. V. A. La Mura. 163,613, June 12.
Lamp. T. Raichel. 165,343, Dec. 4.
Lamp. W. M. Thompson, Jr. 162,260, Feb. 27.
Lamp, Adjustable fluorescent. I. Fiori. 162,639, Mar. 27.
Lamp and clock, Combined desk. O. H. Williams. 163,233, May 8.
Lamp and clock, Combined fluorescent. F. Mugnai. 161,862, Feb. 6.
Lamp and plant holder, Combination. L. J. Cianciolo. 165,510, Dec. 25.
Lamp, Animated decorative. A. B. Leech. 164,935–6, Oct. 23.
Lamp base. M. S. Hayden. 164,573–4, Sept. 18.
Lamp base. W. Hempstead. 164,857, Oct. 16.
Lamp base. E. Norton. 165,236–7, Nov. 20.
Lamp base. A. Schalamon. 163,714, June 19.
Lamp base, Wall. L. Secrist. 164,520, Sept. 11.
Lamp, Corner. E. J. Williams. 164,395, Aug. 28.
Lamp, Desk. R. J. Carrithers. 164,668, Oct. 2.
Lamp, Desk. H. C. Michie. 164,379, Aug. 28.
Lamp, Electric. V. H. Kammer. 162,309, Mar. 6.
Lamp fixture, Fluorescent. C. E. Winebrenner. 163,665, June 12.
Lamp, Floor. J. M. Gray and E. G. Revness. 165,226, Nov. 20.
Lamp, Fluorescent. G. P. Fuentes. 164,229, Aug. 14.
Lamp housing and filter holder for ultra-violet lamps, Combined. G. C. Smith and C. A. Hemsing. 163,832, July 3.
Lamp, Indicator. J. R. Hollins. 162,539, Mar. 20.
Lamp lens, Automobile. H. W. Pilkey. 163,412, May 22.
Lamp, Miniature phosphorescent table. I. H. Steinhardt. 161,550, Jan. 2.
Lamp, Nursery. L. S. Merrill. 161,776, Jan. 30.
Lamp or similar article. M. Fisher. 163,173, May 8.
Lamp or similar article. H. A. Julien and R. A. McCartan, Jr. 163,119, May 1.
Lamp or similar article, Floor. R. T. Hughes. 163,046, Apr. 24.
Lamp or similar article, Television. M. Russo. 164,823, Oct. 9.
Lamp or similar article, Wall-mounted. R. S. Gregg. 165,153, Nov. 13.
Lamp, Photographic safelight. K. A. Van Dyck. 164,339, Aug. 21.
Lamp, Pin-up. H. A. Julien and R. McCartan, Jr. 162,173, Feb. 27.
Lamp, Portable fluorescent. J. G. Pessina. 164,382, Aug. 28.
Lamp post. C. R. Phillips. 164,513, Sept. 11.
Lamp, Table. E. A. Kramer. 165,470, Dec. 18.
Lamp, Table. L. Moss and P. Ferrara. 163,813, July 3.
Lamp, Table. L. Secrist. 162,587, Mar. 20.
Lamp, Table. K. Versen. 164,886, Oct. 16.
Lamp, Table. K. Versen. 165,312, Nov. 27.
Lamp, Vehicle. D. M. Morgenstern. 163,312, May 15.
Lamp, Wall. E. Schwarz. 162,890, Apr. 10.
Lamp, Wall. R. D. Smith. 164,521, Sept. 11.
Lamp, Wall. L. D. Toler. 165,406, Dec. 11.
Lamp, Wall-mounted. W. L. Gregg. 162,723, Apr. 3.
Lantern, Portable. G. G. Potekin. 162,578, Mar. 20.
Latch key for a gas safety valve, Thumb. W. E. Williams. 165,351, Dec. 4.
Lathe chuck. A. M. Stoner and P. Muller-Munk. 161,552, Jan. 2.
Lathe, Single spindle automatic. H. H. Ranney. 163,900, July 10.
Laundry machine. R. C. Sandin and T. M. Steinbach. 161,876, Feb. 6.
Lawn edging machine. J. C. Sanford. 163,486, May 29.
Lawn mower, Power. H. L. Heineke. 162,654, Mar. 27.
Lazy Susan or the like. D. Chudner. 163,025, Apr. 24.
Leather or similar article. A. Q. Freedman. 164,565, Sept. 18.
Leather or similar article, Embossed. A. Q. Freedman. 162,145, Feb. 27.
Lens cover. R. Heidecke. 164,923, Oct. 23.
Lens for attachment to incandescent electric bulbs, Magnifying. H. G. Lehmann. 161,475, Jan. 2.
Lens housing for automobile lamps. C. W. Hood. 161,754, Jan. 30.
Lens housing for automobile lamps. A. J. Kaminski. 161,758, Jan. 30.
Lens housing for automobiles. D. E. Scott. 163,775, June 26.
Lens panel for direct lighting fixtures. R. G. McPhail. 165,184, Nov. 13.
Lens, Pendant magnifying. R. W. Ankney. 165,043, Nov. 6.
Lens rim material for spectacle frames. R. F. E. Stegeman. 163,652, June 12.
Lens unit for a combined tail and signal light. O. F. Ingle. 162,543, Mar. 20.
Lid-holding attachment for a can opener, Magnetic. W. E. Gundelfinger. 165,154, Nov. 13.
Light adapter for sewing machine motors. S. Redlich. 164,819, Oct. 9.
Light, Automobile reading. O. W. Rahn. 161,709, Jan. 23.
Light fixture. C. D. McCann. 164,507, Sept. 11.
Light fixture, Ceiling. F. C. Baker. 165,259, Nov. 27.
Light for automobiles and the like, Fog and turning. R. B. and R. B. Kuhn, Jr. 164,176, Aug. 7.
Light, Keyhole. R. D. Lightfoot. 162,323, Mar. 6.
Light or similar article, Planter. R. A. Stevens. 162,591, Mar. 20.
Light shade. G. E. MacFadden. 164,786, Oct. 9.
Light shade. G. E. MacFadden. 164,870–1, Oct. 16.
Light, Truck cab. O. W. Rahn. 161,708, Jan. 23.
Light, Vehicle signal. J. R. Richwine. 165,396, Dec. 11.
Lighter. W. F. Wagner. 164,391, Aug. 28.
Lighter and ash receiver rack, Combined table. H. G. Treiss, Jr. 165,120, Nov. 6.
Lighter and cigarette urn, Combined. A. F. Reilly. 162,688, Mar. 27.
Lighter and letter opener, Combined cigarette. H. G. Treiss. 165,259, Nov. 20.
Lighter and tie clip, Combined. G. Blau. 163,563, June 12.
Lighter, Cigar. J. Kohn. 162,315, Mar. 6.
Lighter, Cigar and cigarette. G. Dzaman. 161,682, Jan. 23.
Lighter, Cigarette. A. Dubsky. 162,635, Mar. 27.
Lighter, Cigarette. A. Dubsky. 165,417, Dec. 18.
Lighter, Cigarette. P. W. Felt. 161,911, Feb. 13.
Lighter, Cigarette. L. Unger. 164,828, Oct. 9.
Lighter, Cigarette. C. B. Woofter. 164,974, Oct. 23.
Lighter or similar article, Cigar. A. L. Flamm. 163,267, May 15.
Lighter or similar article, Cigar. F. Kaupmann. 161,763, Jan. 30.
Lighter or similar article, Cigar. F. Kaupmann. 163,291, May 15.
Lighter or similar article, Cigar. F. Kaupmann. 163,874–5, July 10.
Lighter or similar article, Table. F. N. Mariani. 165,337, Dec. 4.
Lighter or similar article, Table. A. F. Reilly. 163,711–12, June 19.
Lighter, Pocket. P. Pouliot. 163,064 Apr. 24.
Lighter, Pyrophoric. F. H. Bowers. 161,416, Jan. 2.
Lighter, Pyrophoric. A. L. Guenin. 165,227, Nov. 20.
Lighter, Table. C. Herdecker. 162,160–2, Feb. 27.

Lighter, Table. C. Herdecker. 164,237, Aug. 14.
Lighter, Table. W. J. Reilly. 162,223, Feb. 27.
Lighter, Table. W. J. Reilly. 163,634, June 12.
Lighter, Table. W. J. Reilly. 163,767, June 26.
Lighter, Table. A. F. Reilly. 165,395, Dec. 11.
Lighter, Table. K. Schieder and A. Farber. 165,345, Dec. 4.
Lighter, Table. G. Stahl. 163,651, June 12.
Lighter, Table pyrophoric. F. H. Bowers. 164,352, Aug. 28.
Lighting and ventilating unit, Vehicle interior. A. L. Arenberg and E. C. Zimmerman. 162,507, Mar. 20.
Lighting fixture. K. M. Cross. 165,326, Dec. 4.
Lighting fixture and interchangeable sign holder, Combined. J. R. Walker. 163,781, June 26.
Lighting fixture, Fluorescent. C. D. McCann. 163,762, June 26.
Lighting fixture for a cooking range back guard panel. C. C. Perry. 165,390, Dec. 11.
Lighting fixture louver. R. G Marchisio. 165,085, Nov. 6.
Lighting fixture, Multiple. C. D. McCann. 164,508, Sept. 11.
Lighting fixture, Wall bracket. M. D. Folley. 164,908, Oct. 23.
Lighting fixture with translucent louver, fluorescent. L. K. Schoenbrod. 163,969, July 17.
Lighting unit, Street. C. H. Rex. 162,752, Apr. 3.
Lightning arrester. C. W. Klostermann. 164,642, Sept. 25.
Line guide for fishing rods. J. F. Filo, Jr. 163,172, May 8.
Line holder. H. R. Rogant. 164,134, July 31.
Line winder. J. A. Perko. 163,629, June 12.
Link chain for a bracelet or similar article, Expansible. L. E. Valcourt. 163,979, July 17.
Link chain for a bracelet or the like, Expansible. E. E. Fachon. 165,276, Nov. 27.
Link chain for a bracelet or the like, Expansible. E. Rodriguez. 163,418–19, May 22.
Link chain for a bracelet or the like, Expansible. E. Rodriguez. 164,133, July 31.
Link chain for a bracelet or the like, Expansible. E. Rodriguez. 165,026, Oct. 30.
Link chain for a necklace or the like. A. Philippe. 165,189, Nov. 13.
Link or similar article, Bracelet. K. C. Augenstein. 161,726, Jan. 30.
Linoleum or similar article. A. E. Lawrence. 161,944, Feb. 13.
Linoleum or similar article. A. E. Lawrence. 163,128, May 1.
Linoleum or similar article. A. E. Lawrence. 164,694, Oct. 2
Lint remover. M. T. Green. 162,156, Feb. 27.
Liquifier. J. Morgan. 164,313, Aug. 21.
Liturgical flouncing. O. Frei. 165,142–8, Nov. 13.
Loader, Portable. V. G. Mandt. 163,884, July 10.
Loader, Self-propelled. L. H. Lull. 162,853, Apr. 10.
Lock, Coin-controlled. D. G. White. 162,501, Mar. 13.
Loud-speaker, Extension. O. Plawszyk. 162,080, Feb. 20.
Loud-speaker housing. D. N. MacDonald. 164,121, July 31.
Loud-speaker, Room-corner. P. W. Klipsch. 163,700, June 19.
Loud-speaker unit, Outdoor theater. H. E. Shock. 161,546, Jan. 2.
Machine casing, Calculating. R. D. Budlong. 162,377, Mar. 13.
Machine for dispensing strip material. A. P. Krueger. 162,667–8, Mar. 27.
Machine for making and storing ice cubes. T. T. Lunde. 162,968, Apr. 17.
Machine thumb control unit, Drafting. F. E. Vaughan. 162,907, Apr. 10.
Magnifier, Reading. E. C. Heard. 164,575, Sept. 18.
Mailbox. A. W. Lindberg, Jr. 163,882, July 10.
Mailbox. J. D. Price. 164,383, Aug. 28.
Mailing box and letter envelope, Combined. H. Steinberg. 164,654, Sept. 25.
Make-up kit, Portable vanity. J. Neal, Sr. 163,313, May 15.
Manicure kit. S. S. Joslyn. 165,459, Dec. 18.
Marimba. L. H. Montz. 164,702, Oct. 2.
Marker, Book page. W. M. Cowen. 163,572, June 12.
Marker, Grave. H. S. Mistarz. 162,210, Feb. 27.
Marker, Grave. G. R. Nichols. 163,896, July 10.
Marker or similar article, Animal. R. H. D. F. Lee. 162,046, Feb. 20.
Mask for disguise or the like. W. A. Redlin. 164,958–9, Oct. 23.
Massage device. J. M. Easley. 164,558, Sept. 18.
Massager for the human body, Electric. E. O. Bartolucci. 164,759, Oct. 9.
Massager, Gum. C. L. Rosengard. 161,873, Feb. 6.
Mat, Link type rubber. D. W. Moor, Jr. 161,702–3, Jan. 23.
Mat or similar article, Place. W. M. Feder. 164,226, Aug. 14.
Mat or similar article, Place. W. M. Feder. 164,292, Aug. 21.
Mat or similar article, Place. K. C. Hamilton. 161,622, Jan. 16.
Mat or similar article, Place. K. C. Hamilton. 161,625–6, Jan. 16.
Mat or similar article, Place. K. C. Hamilton. 162,299, Mar. 6.
Mat or similar article, Place. K. C. Hamilton. 162,650–2, Mar. 27.
Mat or similar article, Place. K. C. Hamilton. 163,276–8, May 15.
Mat or similar article, Place. K. C. Hamilton. 163,751, June 26.
Mat or similar article, Place. K. C. Hamilton. 165,283, Nov. 27.
Mat, Picture. J. R. Forman. 163,684, June 19.
Mat, Rubber. P. Clark. 165,268, Nov. 27.
Mat, Shelf cushioning. J. R. Caldwell. 162,626, Mar. 27.
Mat, Sink. J. R. Caldwell. 164,219, Aug. 14.
Match book package, Paper. J. F. Carse. 162,789, Apr. 10.
Material or the like, Plastic upholstery. C. D. Couch. 163,167, May 8.
Measuring and dispensing device, Combination household. L. W. Cottrell. 163,681, June 19.
Measuring spoons and wall plaque, Combined. S. Darwin. 161,823, Feb. 6.
Meat tendering machine. G. W. Tammen. 163,719, June 19.
Medal. P. L. Barrager. 162,510, Mar. 20.
Medal. C. A. Morris. 162,975, Apr. 17.
Medal for religious use. H. H. Gray. 162,155, Feb. 27.
Medal or similar article, Fraternal. M. L. Brown. 163,087, May 1.
Medallion. I. Evans. 161,435, Jan. 2.
Medical therapy unit, Radiation. A. J. Bacchieri. 163,240, May 15.
Memorandum sheet and calendar holder, Combined. M. M. Rodbell. 165,022, Oct. 30.
Memorial statuette. C. Savoca. 165,485, Dec. 18.
Memorial tablet. F. A. Hanson. 163,383, May 22.
Memorial tablet. F. A. Hanson. 163,456, May 29.
Metal sheet or similar article, Embossed. S. Forman, L. Ramer, and A. Mund. 165,065, Nov. 6.
Meter, Footage. S. Gancher. 163,596, June 12.
Meter, Parking lot. L. G. Wilkin. 161,888, Feb. 6.
Meter, Radiation. W. R. Polye and G. V. Zito. 162,750, Apr. 3.
Micrometer, Portable paper. A. J. Semeneck. 163,776–7, June 26.
Microphone. S. W. Pike. 163,477, May 29.
Microphone and support unit, Combined. V. K. Albert. 161,891, Feb. 13.
Microphone for dictating machines, Desk. A. V. Lapteff. 164,243, Aug. 14.
Microphone for dictating machines, Hand. A. V. Lapteff. 164,869, Oct. 16.
Microphone, Hand. L. M. Heineman. 163,695, June 19.
Microscope. J. C. Kurtz. 161,469, Jan. 2.
Microscope. L. J. Peters and J. T. Armbruster. 163,410, May 22.
Microscope, Metallographic. J. T. Armbruster and L. J. Peters. 163,437, May 29.
Milker, Suspended. E. Rawson. 162,880, Apr. 10.
Mirror, Adjustable rearview. W. Berk. 161,676, Jan. 23.
Mirror and lipstick case, Combination. I. Roth. 163,140, May 1.
Mirror and whisk broom, Combined novelty. E. Steiner. 163,974, July 17.
Mirror, Automobile rearview. D. M. Nelson. 162,212, Feb. 27.
Mirror, Dental. S. F. Lundgren. 161,478, Jan. 2.
Mirror, Make-up. R. A. Ferguson. 161,618, Jan. 16.
Mirror, Make-up. S. E. Rauh. 163,481, May 29.
Mirror, Optometric. M. O. Weisbrod. 161,886, Feb. 6.
Mirror or similar article for an automobile, Rearview. G. C. Knight. 161,468, Jan. 2.
Mirror or similar article for motor vehicles, Rearview. L. F. Sarnes. 161,541, Jan. 2.
Mirror, picture frame, and shelf, Combined. J. Sontag. 163,338, May 15.
Mirror, Rear-vision. P. E. Stone. 163,229, May 8.
Mitten, Child's. V. Sperandeo. 161,882, Feb. 6.
Mitten or the like, Knitted. R. K. Adams. 161,988, Feb. 20.
Mixer and dispenser, Combination baby formula. I. Frimerman. 163,857, July 10.
Mixer, Bench type. F. W. Schimanski. 163,423, May 22.
Mixer, Drink. W. A. Ernst. 163,376, May 22.
Mixer for culinary and general use. H. E. Chapman. 164,902, Oct. 23.
Mixer, Household. A. Iannelli. 161,454, Jan. 2.
Mixer, Household. A. Iannelli. 162,833, Apr. 10.
Mixer, Household food. J. N. Polivka, G. T. Scharfenberg, and V. M. Butterfield. 162,875, Apr. 10.
Mixer or analogous article, Concrete. J. P. Faber. 164,358, Aug. 28.
Mixer, Single base triple beverage. W. A. Ernst. 161,577, Jan. 9.
Mixer, Truck. E. S. Prichard. 162,878, Apr. 10.
Model airplane. L. F. Johnson. 165,524, Dec. 25.
Mold for ice cube or the like. E. C. Ebbott. 162,798, Apr. 10.
Mold jacket. J. F. Hines. 164,494, Sept. 11.
Molding. B. Bunin. 161,418, Jan. 2.
Molding and filling machine unit, Pie. H. Burke. 162,784, Apr. 10.
Mop wringer. C. Wegelin. 164,340, Aug. 21.

Motion-picture projecting machine and carrying case therefor, Combined portable. W. C. De Vry. 164,288, Aug. 21.
Motor board. F. R. Clark. 161,424, Jan. 2.
Motor housing, Electric. H. Goodman. 165,225, Nov. 20.
Motor scooter frame. C. Guzzi. 164,989, Oct. 30.
Motorcycle. C. La Rochelle. 163,701, June 19.
Mounting, Electric lamp holder. C. J. Sternaman. 161,551, Jan. 2.
Mounting, Electric lamp holder. C. J. Sternaman. 161,659–61, Jan. 16.
Mounting, Finger ring. J. H. Kushner. 163,126, May 1
Mouthpiece, Reed. H. Crossman. 162,406, Mar. 13.
Mower, Power lawn. P. W. Hainke. 161,834, Feb. 6.
Mower, Power lawn. H. L. Heineke. 161,690, Jan. 23.
Mower, Power lawn. C. N. Phelps. 161,642, Jan. 16.
Muff, Jewelled ear. J. B. Dolton. 163,102, May 1.
Muffler for an exhaust gas system. F. E. Deremer. 165,057, Nov. 6.
Mug. B. H. Karmen. 161,459, Jan. 2.
Mug, Drinking. N. W. Roop. 161,712, Jan. 23.
Multitap attachment plug. W. G. Tyler. 164,338, Aug. 21.
Nailer and stapler, Combination. D. E. and W. N. Beckett, R. E. Wasmuth, and H. K. Ware. 163,243, May 15.
Napkin or the like, Embossed paper. W. F. Erisman. 164,561, Sept. 18.
Napkin or similar article. K. C. Hamilton. 164,418, Sept. 4.
Napkin or the like, Embossed paper. R. Gould. 164,568, Sept. 18.
Napkin or the like, Embossed paper. M. Housen. 164,582, Sept. 18.
Napkin, Paper. M. J. Taylor. 162,097, Feb. 20.
Nebulizer. L. H. Zahn. 164,542, Sept. 11.
Necktie. F. A. I. Eveleigh-de-Moleyns. 162,529, Mar. 20.
Necktie. A. P. Slaner. 163,972, July 17.
Necktie. E. Spielmann. 161,798, Jan. 30.
Necktie, Four-in-hand. W. L. Mitchell. 165,095, Nov. 6.
Necklace or similar article. M. Boucher. 161,567, Jan. 9.
Necklace or similar article. M. Chernow. 161,905, Feb. 13.
Necklace or similar article. M. Chernow. 163,680, June 19.
Necklace or similar article. M. Chernow. 163,934, July 17.
Necklace or similar article. M. Chernow. 163,990–1, July 24.
Necklace or similar article. M. Chernow. 164,283, Aug. 21.
Necklace or similar article. M. Chernow. 164,845, Oct. 16.
Necklace or similar article. A. Fleuridas. 163,799, July 3.
Necklace or similar article. A. Katz. 161,461, Jan. 2.
Necklace or similar article. A. Katz. 161,759–60, Jan. 30.
Necklace or similar article. A. Katz. 163,198, May 8.
Necklace or similar article. A. Katz. 163,289–90, May 15.
Necklace or similar article. A. Katz. 164,002, July 24.
Necklace or similar article. A. Philippe. 161,961, Feb. 13.
Necklace or similar article. A. Philippe. 162,074, Feb. 20.
Necklace or similar article. A. Philippe. 162,447, Mar. 13.
Necklace or similar article. A. Philippe. 162,455, Mar. 13.
Necklace or similar article. A. Philippe. 162,457, Mar. 13.
Necklace or similar article. A. Philippe. 162,462–5, Mar. 13.
Necklace or similar article. A. Philippe. 162,576–7, Mar. 20.
Necklace or similar article. A. Philippe. 162,747, Apr. 3.
Necklace or similar article. A. Philippe. 163,137, May 1.
Necklace or similar article. R. E. Weinreich. 163,724, June 19.
Necklace or the like. A. Katz. 164,995–165,004, Oct. 30.
Necklace or the like. A. Katz. 165,157, Nov. 13.
Necklace or the like. A. Philippe. 163,963–4, July 17.
Necklace or the like. A. Philippe. 164,652, Sept. 25.
Necklace or the like. A. Philippe. 164,713–18, Oct. 2.
Necklace or the like. A. Philippe. 164,814–15, Oct. 9.
Necklace or the like. A. Philippe. 164,817, Oct. 9.
Necklace or the like. A. Philippe. 165,299, Nov. 27.
Necklace or the like. A. Philippe. 165,547–8, Dec. 25.
Negligee. V. Giovagnoni. 162,023, Feb. 20.
Negligee. V. Giovagnoni. 163,112–13, May 1.
Negligee. V. Giovagnoni. 164,910–11, Oct. 23.
Negligee. S. Landau. 161,942, Feb. 13.
Net or similar article, Dip. J. W. Harvey. 162,826, Apr. 10.
Novelty figure whisk broom or similar article. E. Steiner. 163,975, July 17.
Nozzle and handgrip, Combined sprayer. H. P. Heydt. 162,655, Mar. 27.
Nozzle for a suction cleaner or similar article, Surface cleaning. H. Dreyfuss. 161,681, Jan. 23.
Nozzle, Spray. F. S. Rosenthal. 162,690, Mar. 27.
Nozzle, Vacuum cleaner. G. W. Florian. 164,361, Aug. 28.
Nutcracker. E. C. and D. O. Burns. 161,678, Jan. 23.
Nuthook. G. T. Brummel. 163,789, July 3.
Oarlock. W. W. Wallace. 162,910, Apr. 10.
Office machine. R. E. Boyden and N. T. Freeman. 162,780, Apr. 10.
Oil changer, Portable. M. A. Michaels. 161,489, Jan. 2.
Oil-changing apparatus for automobiles and the like. H. M. Dunn and D. Oles. 163,749, June 26.
Opener, Bottle. C. L. Pandele. 164,803, Oct. 9.
Opener, Can. W. E. Moore. 163,218, May 8.
Opener, Can. H. J. Talge and J. B. Aberer. 162,096, Feb. 20.
Opener, Combination can and bottle. B. L. Herro. 163,386–7, May 22.
Opener, Combination can and bottle. C. G. Preis and W. Pechy. 162,082, Feb. 20.
Opener, Jar cap. E. E. Bushman. 161,569, Jan. 9.
Opener, Oyster. J. S. Serocki. 163,642, June 12.
Ophthalmic mounting or the like. E. M. Splaine. 165,401, Dec. 11.
Ophthalmoscope head. W. K. Long. 165,177, Nov. 13.
Organ console. W. Millington and W. M. Day. 164,049–50, July 24.
Organ console. G. H. Stephens. 164,072, July 24.
Organ, Decorative miniature pipe. R. G. McDonald. 163,705, June 19.
Ornament and signal light, Combined fender. R. Moss, Jr. 162,863, Apr. 10.
Ornament, Automobile. T. R. Pope, Sr. 161,529, Jan. 2.
Ornament, Automobile hood. G. Feaster. 162,141, Feb. 27.
Ornament, Automobile hood. E. C. Gubler. 163,692, June 19.
Ornament, Automobile hood. H. T. King. 162,182, Feb. 27.
Ornament, Automobile hood. A. R. Russell. 161,539, Jan. 2.
Ornament, Automobile hood. A. R. Russell. 162,227, Feb. 27.
Ornament, Automotive vehicle hood. N. F. Nickles. 163,473, May 29.
Ornament, Christmas. E. K. Arnold. 161,725, Jan. 30.
Ornament, Christmas tree fairy doll. S. A. Beasley. 163,510, June 5.
Ornament, Decorative. N. M. Purviance. 161,789, Jan. 30.
Ornament, Desk. H. D. Campbell. 161,420, Jan. 2.
Ornament, Ear. E. M. Trott. 165,496, Dec. 18.
Ornament, Fence post top. B. Youngworth. 162,274–5, Feb. 27.
Ornament for an automobile, Hood. G. A. Lasko. 163,526, June 5.
Ornament for automobiles, Fender. H. J. Malachowski. 162,049, Feb. 20.
Ornament for door stoops. M. F. Clay. 161,613, Jan. 16.
Ornament, Handbag. A. Wirklich. 165,203–4, Nov. 13.
Ornament, Hood. H. C. Hammer. 163,752, June 26.
Ornament or similar article, Automobile hood. A. S. Tremulis. 164,461, Sept. 4.
Ornament or similar article for an automobile, Hood. G. C. Knight. 162,183, Feb. 27.
Ornament or similar article, Table. H. Hansen. 163,517, June 5.
Ornament or similar article, Table. W. S. Warren. 164,747, Oct. 2.
Ornament, Table. A. E. Bogdan. 162,512, Mar. 20.
Ornament, Table. R. W. Olson. 163,476, May 29.
Oven, Commercial electric baking and roasting. S. Horwitz. 164,239, Aug. 14.
Overshoe. G. F. Bushway. 161,901, Feb. 13.
Overshoe, Lady's. R. Alpert. 164,397, Sept. 4.
Overshoe, Rubber. J. Loewengart. 165,176, Nov. 13.
Overshoe, Rubber. S. Suender and E. Gottschalk. 164,610, Sept. 18.
Pack for fragile articles. F. C. Harper. 164,302, Aug. 21.
Package of children's panties and pencils, Combination. G. Gold. 162,402, Mar. 13.
Package, Confection. M. P. Park. 164,442, Sept. 4.
Packing sheet. C. J. Chaplin. 164,624, Sept. 25.
Pad and pencil holder, Combination memo. R. A. Freeman. 163,452, May 29.
Pad for firearms, Recoil. F. A. Pachmayr. 162,217, Feb. 27.
Pad, Inking. W. Van Prooyen, Jr. 163,496, May 29.
Pad, Recoil. F. A. Pachmayr. 162,216, Feb. 27.
Pail. C. T. Auth. 164,273, Aug. 21.
Paint drying and baking oven. J. V. Marr. 163,400, May 22.
Pair of spectacles. H. Weissman. 162,603, Mar. 20.
Pair of spectacles and safety chain therefor, Combined. C. A. Field. 164,228, Aug. 14.
Pair of spectacles or the like. A. De Angelis. 164,106, July 31.
Pair of spectacles or the like. C. A. Baratelli. 164,544, Sept. 18.
Pair of spectacles or the like. G. A. Brown. 164,760, Oct. 9.
Pair of spectacles or similar article. I. Hirschman. 162,828, Apr. 10.
Palette or the like, Artist's. G. J. Blacher. 165,128, Nov. 13.
Pan, Baking. J. Sobel. 162,357, Mar. 6.
Pan, Drain. M. Citero. 162,791, Apr. 10.
Pan liner. P. Thompson. 162,902, Apr. 10.
Pan, Multiple compartment cooking. E. L. Utz. 162,905, Apr. 10.
Pan or the like, Starch. G. A. Bauer. 162,371, Mar. 13.

Panelboard, Electric control. W. Robertson and L. W. Higgins. 161,964, Feb. 13.
Panel, Building. E. Gach. 163,689, June 19.
Panel display, Swinging. J. J. Robinson, Jr. 162,084, Feb. 20.
Panel for automatic washing machines or the like. N. R. Peet, Jr. 164,443, Sept. 4.
Panel for household appliances. N. R. Peet, Jr. 164,444, Sept. 4.
Panel for railway boxcars, End wall. W. C. Sleeman and R. F. Karger. 161,656, Jan. 16.
Panel, Wall display. P. P. Oakler and B. L. Schmitzer. 162,746, Apr. 3.
Paper. E. Phelps. 164,599, Sept. 18.
Paper for bread loaves or the like, Wrapping. Q. J. Hagedorn. 162,535, Mar. 20.
Paper tube slitter. L. Flieger. 164,360, Aug. 28.
Parking meter casing. G. A. Hale. 164,571, Sept. 18.
Pedicure apparatus or similar article. W. W. Pearce. 162,870, Apr. 10.
Peeler. S. P. Riley. 161,534, Jan. 2.
Peeler or the like, Orange. D. Levin. 163,299, May 15.
Pen, Ball point. J. D. Currence. 162,522, Mar. 20.
Pen, Ball point. F. Ferber. 161,826, Feb. 6.
Pen, Ball point. F. Ferber. 162,805, Apr. 10.
Pen, Fountain. E. B. Blockert and A. Marino. 163,787, July 3.
Pen, Fountain. L. F. Covey and J. T. Harten. 161,426, Jan. 2.
Pen or similar article, Ball point. M. V. Nelson and G. L. Beckstrom. 162,213, Feb. 27.
Pen or similar article, Fountain. D. Kahn. 164,863, Oct. 16.
Pencil. P. R. Horwitch. 163,606, June 12.
Pencil, Mechanical. J. Aversa. 164,976, Oct. 30.
Pencil sharpener. M. Tall. 164,827, Oct. 9.
Pendant, Key. C. M. Bradbury. 161,819, Feb. 6.
Pendant or similar article, Jewelry. M. Chernow. 163,024, Apr. 24.
Pendant or the like. V. Adlerberg. 163,840, July 10.
Pendant, Religious. H. Randall. 165,394, Dec. 11.
Pendulum or similar article, Clock. A. E. Koplar. 162,846, Apr. 10.
Perambulator. H. B. Eging. 165,367, Dec. 11.
Percolator, Meat basting. J. A. Malben, Jr. 163,130, May 1.
Perforated strip. J. Rosten. 163,638, June 12.
Perfume bottle and stand, Combined. A. Zaydman. 161,563, Jan. 2.
Petticoat. A. Friedman. 163,175, May 8.
Phonograph. R. R. Bollman and J. J. Getgey. 161,817, Feb. 6.
Phonograph apparatus, Coin-actuated automatic. E. J. Collins. 163,257, May 15.
Phonograph, Coin-operated automatic. J. C. Koci. 164,370, Aug. 28.
Photograph holding charm. D. A. De Flece. 164,356, Aug. 28.
Photographic camera and cover therefor, Combined. A. Bachi. 161,409, Jan. 2.
Photographic contact printer. J. Palma, Jr. 165,389, Dec. 11.
Photographic copying apparatus. E. Goldberg. 162,811, Apr. 10.
Photographic lens mount. E. A. Springer and G. K. Czarnikow. 164,967–9, Oct. 23.
Photographic processing apparatus. G. D. Aydlett. 165,213, Nov. 20.
Photographic unit. R. B. Clark. 164,354, Aug. 28.
Piano organ. D. Duke. 161,909, Feb. 13.
Picker, Fruit. A. V. Wagner. 161,977, Feb. 13.
Picture holder and paper weight, Combination. D. M. Thompson. 164,885, Oct. 16.
Pillow case. W. L. M. Clark. 163,092, May 1.
Pin and perfume holder, Combined bobby. J. Weiss. 163,662, June 12.
Pin, Christian armor. H. S. Hufford. 163,457, May 29.
Pin clip or similar article. A. Katz. 162,416, Mar. 13.
Pin clip or similar article. A. Philippe. 164,129, July 31.
Pin-clip or the like. V. Adlerberg. 163,839, July 10.
Pin clip or the like. A. Philippe. 164,950, Oct. 23.
Pin cushion or similar article. R. Haon. 162,951, Apr. 17.
Pin, Guard. E. C. Manchester. 162,328–9, Mar. 6.
Pin or similar article. M. S. Green. 161,921, Feb. 13.
Pin or similar article. J. Sternberg. 162,896, Apr. 10.
Pipe extension, Exhaust. L. Kaplan. 162,176, Feb. 27.
Pipe extension, Exhaust tail. A. D. Baker. 162,112, Feb. 27.
Pipe extension or similar article for an automobile, Exhaust. G. C. Knight. 163,523, June 5.
Pipe vise. C. H. Ingwer and C. E. Wright. 164,687, Oct. 2.
Pipe wrench. C. R. Hatch, Jr. 162,025, Feb. 20.
Pistol. W. B. Ruger. 164,735, Oct. 2.
Pistol grip. T. J. Vahala. 163,654, June 12.
Pitcher. J. T. Scarry. 164,882, Oct. 16.
Pitcher. R. Wright. 162,271, Feb. 27.
Pitcher, Covered. C. B. Stair. 163,491, May 29.
Pitcher, Cream. R. G. Cowan. 164,479. Sept. 11.
Pitcher, Dripless. R. H. Killebrew. 164,933, Oct. 23.
Pitcher, Dripless. M. R. Mechem. 164,310, Aug. 21.
Pitcher or similar article. C. O. Bliss. 161,414, Jan. 2.
Pitcher or similar article. N. W. Roop. 165,344, Dec. 4.
Pitcher or similar article, Cream. V. de Marsa. 165,271, Nov. 27.
Pitcher or the like. R. W. Hobbs. 163,117, May 1.
Pitcher, Water. L. M. Schnitzer. 163,826, July 3.
Place mat, Paper. W. L. Davis. 161,572, Jan. 9.
Plant holder and bracket therefor, Combined hanging E. P. A. Strandell. 164,970, Oct. 23.
Planter. J. B. Boyd. 163,846, July 10.
Planter or similar article. B. J. Buzan. 163,089, May 1.
Planter or the like. M. Drews. 163,103, May 1.
Plaque. C. A. Morris. 161,955, Feb. 13.
Plaque. F. Powell. 162,470, Mar. 13.
Plaque, Birth announcement. J. S. and S. M. Wasko. 164,076, July 24.
Plaque or similar article. M. Simon. 163,336, May 15.
Plaque, Religious illusion. E. Cerracchio. 163,853, July 10.
Plaque, Souvenir. S. Bazur and G. W. Kaiser. 163,844, July 10.
Plastic film material. L. J. Harmon. 164,301, Aug. 21.
Plastic film material. M. Obrist. 164,802, Oct. 9.
Plastic film material. M. A. Susi. 162,900, Apr. 10.
Plastic sheet or similar article, Embossed. W. M. Feder. 162,719–20, Apr. 3.
Plate. H. Becker. 164,154, Aug. 7.
Plate. J. H. Reiser. 165,021, Oct. 30.
Plate and ornament therefor, Combined cake. M. V. McMonagle. 163,620, June 12.
Plate, Baby. J. L. Day. 162,013, Feb. 20.
Plate, Compartmented. C. J. Chaplin. 164,669, Oct. 2.
Plate, Compartmented. T. M. Harris. 165,423, Dec. 18.
Plate for an automobile, Display. S. M. Polhemus, Jr. 162,219, Feb. 27.
Plate for mop, Squeeze. W. F. Miller. 162,208, Feb. 27.
Plate for railway boxcars, End. W. C. Sleeman and R. F. Karger. 161,655, Jan. 16.
Plate, Molded fibre service. C. J. Chaplin. 162,007, Feb. 20.
Plate or similar article. R. Y. Allen, M. and E. K. Shaw. 165,209, Nov. 20.
Plate or similar article. G. A. Baker. 164,836, Oct. 16.
Plate or similar article. G. J. Higginson. 164,001, July 24.
Plate or similar article. G. J. Higginson. 164,113, July 31.
Plate or similar article. G. J. Higginson. 164,860, Oct. 16.
Plate or similar article. G. J. Higginson. 165,522, Dec. 25.
Plate or similar article. T. O. Muench. 164,122, July 31.
Plate or similar article. G. Rudd. 164,451, Sept. 4.
Plate or similar article. G. Rudd. 165,193, Nov. 13.
Plate or similar article, Automobile emblem. H. Wimberly. 161,668, Jan. 16.
Plate or similar article, Decorative. H. R. Yankee and L. M. Faulconer. 162,701, Mar. 27.
Plate or similar article, Dinner. D. Bourne. 161,818, Feb. 6.
Plate or similar article, Dinner. D. Bourne. 164,279, Aug. 21.
Plate or similar article, Dinner. R. H. Garvin. 162,021, Feb. 20.
Plate or similar article, Dinner. R. H. Garvin. 162,530–1, Mar. 20.
Plate or similar article, Dinner. R. H. Garvin. 163,800–1, July 3.
Plate or similar article, Dinner. P. L'Anglais. 162,044, Feb. 20.
Plate or similar article, Dinner. P. L'Anglais. 162,740, Apr. 3.
Plate or similar article, Dinner. P. L'Anglais. 163,127, May 1.
Plate or similar article, Dinner. P. L'Anglais. 164,864–8, Oct. 16.
Plate or similar article, Dinner. C. W. Leigh. 161,847–9, Feb. 6.
Plate or similar article, Dinner. C. H. McKaig. 161,775, Jan. 30.
Plate or similar article, Dinner. C. H. McKaig. 162,557, Mar. 20.
Plate or similar article, Dinner. C. H. McKaig. 163,057–9, Apr. 24.
Plate or similar article, Dinner. C. H. McKaig. 163,811, July 3.
Plate or similar article, Dinner. C. H. McKaig. 164,377, Aug. 28.
Plate or similar article, Dinner. C. H. McKaig. 164,939, Oct. 23.
Plate or the like. P. R. Costigan. 163,442, May 29.
Plate or the like. D. Johnson. 164,640, Sept. 25.
Plate or the like. B. L. Miller and G. Parker. 161,952–3, Feb. 13.
Plate or the like. B. L. Miller and G. Parker. 162,056, Feb. 20.
Plate, Pie. L. C. Blancherl. 163,017, Apr. 24.
Plate, Portable hot. D. C. O'Connell. 164,651, Sept. 25.
Plate, Sectional sandwich. H. Kowsky. 163,880, July 10.
Platter. E. S. Zeisel. 164,890, Oct. 16.
Playsuit. T. Leser. 165,473, Dec. 18.
Playing board, Golf game. A. S. Moorman. 161,491, Jan. 2.
Pocketbook. L. Kohn. 162,845, Apr. 10.

Pocketbook or similar article. S. Morrison. 163,062, Apr. 24.
Point for a corn picker gathering shoe. I. P. Schmid. 163,773, June 26.
Polisher, Air-driven floor. W. T. Theis and L. W. Green. 162,595, Mar. 20.
Polishing machine. C. Y. McQuown. 161,484, Jan. 2.
Polishing machine or similar article. J. N. Clyne. 164,403, Sept. 4.
Popcorn making machine. S. M. Waas. 164,268, Aug. 14.
Popcorn making machine and storage cabinet, Combination. S. M. Waas. 164,267, Aug. 14.
Popper, Corn. H. J. Lebherz. 165,531, Dec. 25.
Popper or similar article, Corn. D. F. McCarron. 163,531, June 5.
Poster panel. C. H. Hammond. 165,155, Nov. 13.
Poster panel. C. H. Hammond. 165,421–2, Dec. 18.
Posting machine. S. Nathan. 164,254, Aug. 14.
Pot, Beverage. J. N. Polivka. 164,061, July 24.
Pot, Chamber. R. Aitken. 162,610, Mar. 27.
Pot, Flower. B. J. Lake. 162,320, Mar. 6.
Potato masher and meat tenderizer, Combined. M. R. Packer. 164,380, Aug. 28.
Pouch, Combination cigarette and match. J. Brettner. 165,360, Dec. 11.
Pourer, Liquor. G. Clare. 164,476, Sept. 11.
Power unit for hand stocks and pipe dies, Portable. J. C. Kelly. 163,521, June 5.
Press, Printing. V. Schreckengost. 162,347, Mar. 6.
Pressure regulator. J. L. Matasovic. 162,055, Feb. 20.
Printer and drier for planographic printing plates, Combined. R. A. Dalton. 162,390, Mar. 13.
Prism spectacles, Pair of. C. S. Warner. 161,885, Feb. 6.
Projectile-game board. C. Lapin and G. Mysels. 161,472, Jan. 2.
Projecting apparatus. H. G. Fitz Gerald. 161,685, Jan. 23.
Projector. H. G. Fitz Gerald. 164,293, Aug. 21.
Projector. J. N. Graef. 162,644, Mar. 27.
Projector case or the like. E. H. Nelson. 165,480, Dec. 18.
Projector, Light. P. B. Clark. 162,128, Feb. 27.
Projector, Motion-picture. G. W. Tammen. 165,310, Nov. 27.
Projector, Slide. M. G. Clay. 164,158, Aug. 7.
Projector, Stereoscopic. L. R. Wottring. 163,504, May 29.
Proof machine. G. H. Kress. 162,318, Mar. 6.
Protector, Automobile headlight. W. J. Flajole. 162,944, Apr. 17.
Protector for a skate shoe. D. M. Klein. 162,665, Mar. 27.
Protector, Tree. A. J. Simmons. 162,243, Feb. 27.
Pull member for roller curtains or the like. D. J. Morehouse. 162,861, Apr. 10.
Pull toy. J. F. Brice. 161,417, Jan. 2.
Pulpit, Spiritual cross. F. C. Zemmer. 162,276, Feb. 27.
Pump, Air. L. E. Russell. 163,329–30, May 15.
Pump, Fluid. J. J. Colbert. 164,762, Oct. 9.
Pump, Motor-driven. G. H. Zimmer, Jr. 162,502, Mar. 13.
Puppet. L. F. Alexander. 163,733–4, June 26.
Puppet. H. L. Dexter. 161,433, Jan. 2.
Puppet. R. E. Smith and M. Neil. 162,758, Apr. 3.
Puppet or similar article. M. M. Osgood. 162,338, Mar. 6.
Purse. R. A. Cowen. 161,738, Jan. 30.
Purse. B. Neal. 165,540, Dec. 25.
Purse, Belt. M. Tenzer. 164,611, Sept. 18.
Purse, identification case, and wallet, Combined. H. S. Chase. 161,422, Jan. 2.
Purse, Utility. H. I. Thomas. 165,562, Dec. 25.
Pushcart, Child's. L. I. Powell. 161,593, Jan. 9.
Question machine and napkin dispenser, Combination. F. E. Erickson and L. K. Roe. 163,171, May 8.
Rack. S. S. Schiffer. 164,452, Sept. 4.
Rack and picture frame, Combined tie. E. G. Steib. 164,653, Sept. 25.
Rack, Automobile service. J. R. Fairweather. 163,994, July 24.
Rack, Bedspread. M. A. Volk. 162,908, Apr. 10.
Rack, Clothes. B. H. Ives. 164,500, Sept. 11.
Rack, Clothes. T. J. Kelleher. 164,426, Sept. 4.
Rack, Combination comb and brush wall. L. J. Ricard. 162,224, Feb. 27.
Rack, Combination earring and ring. D. P. Dululio. 163,266, May 15.
Rack, Combination hat and clothes. G. W. Barlow. 165,502, Dec. 25.
Rack, Combination sink and drain. A. McGowan. 161,948, Feb. 13.
Rack, Desk. S. S. Schiffer. 165,194, Nov. 13.
Rack, Dish holding. E. L. Blakeslee. 165,216, Nov. 20.
Rack, Dispensing. J. M. and R. Lieber. 161,477, Jan. 2.
Rack, Display. P. J. Fink. 162,397, Mar. 13.
Rack, Display. A. Hallabrin. 162,407, Mar. 13.
Rack, Display. M. P. Levin. 162,550, Mar. 20.
Rack, Display. L. G. Meyers. 162,425, Mar. 13.
Rack, Display. J. R. Warp. 161,559, Jan. 2.
Rack, Fabric display. R. B. Newton. 163,315, May 15.
Rack, Ferris wheel display. C. L. Norton, Jr. 162,434, Mar. 13.
Rack, Floral. C. J. White. 165,125, Nov. 6.
Rack, Jewelry. A. O. Talmadge. 165,404, Dec. 11.
Rack, Magazine. W. C. Becker. 164,547, Sept. 18.
Rack, Milk can cover. G. C. Zarling. 163,156, May 1.
Rack, Necktie. A. I. Zimmer. 164,396, Aug. 28.
Rack, Newspaper. G. W. Baldwin. 165,358, Dec. 11.
Rack, Olive. M. B. and E. L. Del Conte. 163,097, May 1.
Rack or similar article. S. Schoor. 165,553, Dec. 25.
Rack or similar article, Hosiery display. G. J. Colombo. 162,629, Mar. 27.
Rack or similar article, Knife-supporting. N. W. Roop. 165,027, Oct. 30.
Rack or similar article, Merchandise display. W. A. Miles. 163,891, July 10.
Rack or similar article, Newspaper. H. F. Rippe. 162,226, Feb. 27.
Rack or similar article, Telescopic towel. J. A. Woodworth. 161,985, Feb. 13.
Rack or similar article, Trousers. A. Leebow. 163,050, Apr. 24.
Rack or similar article, Wall-mounted clothes-drying. N. W. Roop. 161,594, Jan. 9.
Rack or similar article, Wall-mounted spice. N. W. Roop. 163,637, June 12.
Rack, Paper roll. P. J. Healy. 162,653, Mar. 27.
Rack, Pipe. H. C. Pierce. 162,872, Apr. 10.
Rack, Rug sample display. O. W. Patterson and K. H. Bowen. 161,525, Jan. 2.
Rack, Spiral olive. M. B. and E. L. Del Conte. 163,096, May 1.
Rack, Syringe. M. Pink. 164,196, Aug. 7.
Rack, Table. R. J. Olson. 162,981, Apr. 17.
Rack, Table. R. J. Olson. 163,898, July 10.
Rack, Tie. J. Saxon. 165,114, Nov. 6.
Rack, Towel. A. Marchand. 162,971, Apr. 17.
Rack, Towel. H. Nielsen and G. Forrester. 162,864, Apr. 10.
Rack, Utensil supporting. K. S. Jenson. 163,286, May 15.
Rack, Wall magazine. H. D. Coddington. 161,736, Jan. 30.
Racket for table tennis. B. C. Schmid. 164,883, Oct. 16.
Radiator cover and hood, Combined tractor. W. L. Brockway. 163,848, July 10.
Radio and clock, Combination. A. S. Zucker. 165,354, Dec. 4.
Radio, phonograph, and table, Combined. J. W. Wilson. 163,234, May 8.
Radio phonograph, Combination. K. H. Wittke. 162,269, Feb. 27.
Radio receiver and clock, Combination. H. J. Zeller. 162,606, Mar. 20.
Radio receiver, Helmet. V. T. Hoeflich. 162,829, Apr. 10.
Radon generator. H. R. Zimmer. 161,564, Jan. 2.
Rail for price tags or the like. D. J. Greiling. 161,748, Jan. 30.
Railway observation car body. A. B. Girardy, D. W. Doman, and R. E. Meyers. 164,913–21, Oct. 23.
Range. M. J. Maier. 163,761, June 26.
Range, Cooking. L. S. Chadwick, M. Resek, and W. M. Day. 164,098, July 31.
Range, Cooking. D. E. Dailey. 163,446, May 29.
Range, Cooking. R. B. Janes. 164,174, Aug. 7.
Range, Electric. R. Loewy. 162,552, Mar. 20.
Range, Electric. C. Reynolds, Jr. 161,647–8, Jan. 16.
Range, Gas. H. Desguin and N. Sauvage. 161,908, Feb. 13.
Range, Kitchen. R. E. Hitchcock. 163,520, June 5.
Range, Kitchen. R. E. Hitchcock. 164,926, Oct. 23.
Range, Kitchen. E. G. Neto. 162,335, Mar. 6.
Rattle, Child's. J. Goodman. 162,947, Apr. 17.
Ray director for headlights. T. R. Flesher. 163,174, May 8.
Razor. P. Muller-Munk and C. Delafontaine. 161,779, Jan. 30.
Razor. J. M. Stein. 161,800, Jan. 30.
Razor, Disposable. E. E. Chambers. 162,933, Apr. 17.
Razor, Disposable. J. and G. De Bacco. 164,287, Aug. 21.
Razor magazine. G. D. Jones and L. C. Miller. 164,115, July 31.
Razor, Safety. J. A. Still. 162,897, Apr. 10.
Rearview mirror head. L. E. Jones. 164,240, Aug. 14.
Receptacle and chime, Combined plant. C. O. Musser. 165,097, Nov. 6.
Receptacle and support, Combined plant. B. Yellin. 162,272, Feb. 27.
Receptacle and support, Combined plant. B. Yellin. 163,727, June 19.
Receptacle, Covered. F. Wagner. 163,780, June 26.
Receptacle, Display. S. Braun and M. Crystal. 165,359, Dec. 11.
Receptacle for attachment to vehicle sun visors. A. C. Janeshutz. 162,834, Apr. 10.
Receptacle for clipper. V. Giuliana. 163,114, May 1.
Receptacle for malt beverage in a paper cup, Bottomless service. A. S. Kedzie. 163,460, May 29.
Receptacle for toilet articles. C. C. Christensen. 165,133, Nov. 13.
Receptacle for toys. E. Strand. 163,149, May 1.
Receptacle, Heavy-duty electric. I. E. Swart. 162,592, Mar. 20.
Receptacle, Hinged cover molded plastic display. S. Braun and M. Crystal. 162,284, Mar. 6.
Receptacle or similar article, Flower. C. Mueller, Jr. 161,778, Jan. 30.
Receptacle or similar article, Ice cube storing and dispensing. N. W. Roop. 164,328, Aug. 21.

Receptacle, Plastic waste. B. Needleman. 164,123, July 31.
Receptacle, Toothbrush. R. R. Boulter. 162,282, Mar. 6.
Receptacle, Waste. J. J. Riordan. 161,649, Jan. 16.
Recorder and reproducer, Combination magnetic. C. B. Stevens. 162,359–60, Mar. 6.
Recorder, Card time. G. H. Kress. 161,941, Feb. 13.
Recorder, Coded signaling. C. J. Manning. 161,636, Jan. 16.
Recorder or the like, Synchronous magnetic. L. H. Roos and W. T. Crespinel. 162,991, Apr. 17.
Recorder, Wire. E. C. Steinbach. 163,910, July 10.
Recording and reproducing machine, Sound. E. Keller. 163,698, June 19.
Recording apparatus. H. W. Lindsay. 164,246, Aug. 14.
Reel, Ribbon. S. Weisberg and H. M. Freydberg. 163,344, May 15.
Reflector head unit for lighting fixtures. J. A. Mehr. 163,812, July 3.
Refrigerator. H. Desguin and N. Sauvage. 163,261, May 15.
Refrigerator. P. Müller-Munk. 165,096, Nov. 6.
Refrigerator. C. B. Stevens and J. Hughes, Jr. 163,075, Apr. 24.
Refrigerator. R. A. Wyatt. 163,983, July 17.
Refrigerator, Portable. B. A. Thomaras. 161,975, Feb. 13.
Register carriage cover for a calculating machine. C. K. Studley, Jr. 164,609, Sept. 18.
Register, Cash. R. E. Boyden and H. H. Freeman. 162,779, Apr. 10.
Reservoir, Spraying powder. F. Sullivan. 162,760, Apr. 3.
Rest, Manicurist's hand. E. H. Westmore. 161,667, Jan. 16.
Restaurant building. M. E. Coleman. 165,218, Nov. 20.
Restaurant or the like, Roadside. P. Wrablica, Jr. 162,369, Mar. 6.
Ribbon-run beading. M. I. Walden. 162,601, Mar. 20.
Ribbon-run trimming. M. I. Walden. 162,600, Mar. 20.
Ribbon tie or the like, Hand painted. J. Faber. 165,275, Nov. 27.
Ring. H. W. Dixon, Jr. 161,434, Jan. 2.
Ring. J. W. Grant. 161,747, Jan. 30.
Ring. J. W. Grant. 164,165, Aug. 7.
Ring. S. H. Lashley. 163,758–9, June 26.
Ring, Finger. E. C. Manchester. 161,773, Jan. 30.
Ring, Finger. W. G. Simpson. 163,424–5, May 22.
Ring, Finger. V. Sorrentino. 165,538, Dec. 25.
Ring, Finger. G. A. Youmans. 165,316, Nov. 27.
Ring or similar article. M. C. Redmond. 163,067, Apr. 24.
Ring, Rosary. W. B. Kelly. 164,777, Oct. 9.
Roaster. K. H. Johnston. 162,960, Apr. 17.
Robe, Beach. R. B. Jeffrey. 163,459, May 29.
Robe, Vestee. J. Lewis. 165,015, Oct. 30.
Rocker, Children's. J. M. Smith. 162,245–6, Feb. 27.
Rocker, Dual. C. O. Boren, Sr. 161,731, Jan. 30.
Roll down nosing. P. C. Gebhard. 165,150, Nov. 13.
Roller skate, Child's. A. H., J. A., and R. J. Walker, 161,557, Jan. 2.
Roofing. M. W. Papesh. 164,317, Aug. 21.
Room cooler of the window type. C. W. Sundberg. 165,030, Oct. 30.
Rosary. A. B. Kimball. 162,963, Apr. 17.
Rosary. K. M. Wilson. 162,103, Feb. 20.
Rotary mower housing. J. G. Doyle. 164,108, July 31.
Roughing and finishing center drive lathe. G. A. Kendall and A. W. Chriscaden. 164,778, Oct. 9.
Rug. M. B. Goldfarb. 162,533, Mar. 20.
Rug or the like, Hard surface. A. Post and W. Lynen. 164,261, Aug. 14.
Rule, Fertility slide. E. P. E. Deschamps. 165,220, Nov. 20.
Ruler, Study. H. G. Martin. 163,302, May 15.
Saddle seat. D. A. Laird. 161,770, Jan. 30.
Safety sight. P. H. Sommers. 162,248, Feb. 27.
Sandal. N. Ettelbrick. 161,743, Jan. 30.
Sandal. C. A. Laughlin. 163,614–15, June 12.
Sandal. J. B. Reinhart, Jr., and J. B. Ruebel. 161,646, Jan. 16.
Sandal or similar article. S. Ish-Shalom. 162,168, Feb. 27.
Sandal, Sport. H. Peterson. 161,707, Jan. 23.
Sanding machine, Portable power-operated. A. N. Emmons. 164,904, Oct. 23.
Savings bank, Telephone. W. Langer and L. Seidl. 162,043, Feb. 20.
Saw. R. E. Roberts. 164,264, Aug. 14.
Saw, Buck. H. Lussier. 163,129, May 1.
Saw, Keyhole. R. W. Huxtable. 162,736, Apr. 3.
Sawmill machine, Gang. H. A. Busbee. 164,761, Oct. 9.
Saw or the like, Band. R. L. Crane. 163,573–5, June 12.
Saw, Portable electric hand. A. N. Emmons and P. Müller-Munk. 165,062, Nov. 6.
Saw, Portable power-operated. L. E. Parker. 161,523, Jan. 2.
Sawing machine, Wood. G. M. Gustin. 161,832, Feb. 6.
Scale, Balance. H. A. Hadley. 161,833, Feb. 6.
Scale, Platform weighing. S. S. Ridenour. 163,322, May 15.
Scale, Platform weighing. S. S. Ridenour. 163,768, June 26.
Scalp cleaner and massager, Combination W. D. Teague and R. H. Ensign. 164,207, Aug. 7.
Scarf. R. Boetschi. 163,741, June 26.
Scarf. A. S. Morrow. 164,314, Aug. 21.
Scarf. V. Neumann. 161,781, Jan. 30.
Scarf. V. Neumann. 163,405–8, May 22.
Scarf. V. Neumann. 164,940, Oct. 23.
Scarf. Q. H. Sandler. 161,877–8, Feb. 6.
Scarf. Q. H. Sandler. 163,331, May 15.
Scarf. Q. H. Sandler. 163,772, June 26.
Scarf or similar article. M. E. Lerner. 164,244–5, Aug. 14.
Scarf or similar article. M. E. Lerner. 165,381, Dec. 11.
Scarf, Slit. V. Neumann. 161,863, Feb. 6.
Schoolbag. S. E. Kaplan. 163,807, July 3.
Scooter, Child's. R. B. De Camp. 161,573, Jan. 9.
Scooter, Motor. S. P. V. Piatti. 163,899, July 10.
Scoreboard. M. Rubinoff. 161,874, Feb. 6.
Scraper, Combination digging and carrying. S. F. Armington and W. J. Adams. 163,161, May 8.
Scraper, Pot and pan. A. J. C. Schwartz. 163,774, June 26.
Screen, Fireplace. J. B. Turner. 165,031, Oct. 30.
Screw driver and cap, Combined. I. A. Olson. 162,867, Apr. 10.
Seat adaptor or similar article, Toilet. W. A. Inman. 164,499, Sept. 11.
Seat and back for a chair or the like, Combined. W. J. Bargen. 164,619, Sept. 25.
Seat, Booth. L. M. Michelson. 162,426–7, Mar. 13.
Seat, Child's toilet. N. T. Baldanza. 163,556, June 12.
Seat, Child's training toilet. L. and P. C. Nika. 164,316, Aug. 21.
Seat, Infant's toilet. S. B. Glass. 162,401, Mar. 13.
Separator, Centrifugal cream. T. H. Koeber. 163,878–9, July 10.
Server, Ice-cream. B. S. Nugent. 162,435, Mar. 13.
Server, Sandwich. K. E. Bemis. 162,616, Mar. 27.
Server unit, Baby food. H. Brin. 161,732, Jan. 30.
Service station. C. Pumilia, Jr., and F. Jurisich, Jr. 162,222, Feb. 27.
Serving unit, Liquid. J. F. Punzak. 162,985–6, Apr. 17.
Set of chessmen. E. W. Logan. 163,464, May 29.
Set of blocks. G. W. French. 162,146, Feb. 27.
Set of playing pieces. J. Hsu. 162,541, Mar. 20.
Sewing guide, Hand. M. J. Rumpel. 163,639, June 12.
Sewing machine. M. S. Park. 164,709, Oct. 2.
Sewing machine. M. S. Park. 164,943, Oct. 23.
Sewing-machine head. R. D. Budlong. 165,362, Dec. 11.
Shade, Lamp. A. A. Anger. 163,508, June 5.
Shade, Reflecting lamp. G. M. Grossman. 161,830, Feb. 6.
Shaft driving head, Flexible. W. W. Elliott. 162,799, Apr. 10.
Shaker, Condiment. E. F. Ellis. 161,683, Jan. 23.
Shaker, Condiment. G. T. Hopkins. 161,755, Jan. 30.
Shaker, Condiment. R. W. Rosche. 161,651, Jan. 16.
Shaker, Fruit juice. W. J. Wagner. 163,342, May 15.
Shaker or similar article, Salt. M. Weeber. 162,496, Mar. 13.
Shaker or the like, Salt. V. de Marsa. 164,764, Oct. 9.
Shaker package. R. W. Hoag. 161,837, Feb. 6.
Shaker, Seasoning. C. O. Bliss. 161,998, Feb. 20.
Shaker with handle, Salt. C. M. Burrougs. 162,005, Feb. 20.
Shaper for cutting oboe and English horn reed cane. V. de Marzi. 163,936, July 17.
Sharpener, Cutlery. L. A. Hoek. 163,044, Apr. 24.
Sharpener, Knife. C. E. Branick. 162,121, Feb. 27.
Sharpener, Power knife. G. T. Estfan. 162,394, Mar. 13.
Sharpener, Razor blade. R. Smith. 162,356, Mar. 6.
Shaver in box display case, Single electric. H. L. Carpenter. 162,711, Apr. 3.
Shaving brush and razor unit, Combined. F. Broes, Sr. 164,473, Sept. 11.
Shear, Power-operated hedge. A. N. Emmons and J. P. Bruck. 163,588, June 12.
Shears, Metal-cutting. W. M. Shoffner. 162,891, Apr. 10.
Sheet folding machine. W. O'Neil. 164,126, July 31.
Sheet for displays of cans, jars, and the like, arranged in stacks, Stack binder. R. W. Johnson. 161,584, Jan. 9.
Sheet of wrapping paper or the like. J. E. Donaldson. 162,290, Mar. 6.
Sheet or similar article, Artificial leather. J. Barash 162,280, Mar. 6.
Sheet or similar article, Embossed plastic. W. M. Feder. 162,395, Mar. 13.
Shelf, Display. E. F. Thomson. 164,744, Oct. 2.
Shelf for holding toilet articles. J. B. Perez. 164,875, Oct. 16.
Shelf, Household. C. M. Phelps. 161,786, Jan. 30.
Shelf, Knockdown hanging. P. A. Sheets. 161,598, Jan. 9.
Shelf or similar article, Hanging wall. S. K. Wolff. 162,270, Feb. 27.
Shelf or similar article, Window. K. T. Wright. 164,464, Sept. 4.
Shelf unit, What-not. H. C. Carter. 162,006, Feb. 20.
Shelf, Wall. C. F. Bollmeier. 164,094, July 31.
Shelf, Wall. K. G. B. and N. E. Strinning. 165,118, Nov. 6.
Shield for material spreading device, Dust. R. C. Gaddis. 164,362, Aug. 28.

Shield, Safety Automobile headlight lens. E. L. Wood. 162,366, Mar. 6
Shield, Sun. P. H. Houston. 164,304, Aug. 21.
Shingle, Roofing. H. Abraham. 164,271, Aug. 21.
Ship. W. Wiggins, Jr. 162,265, Feb. 27.
Shirt. B. Ball. 163,348, May 22.
Shirt. R. D. Gwynn. 162,950, Apr. 17.
Shirt. W. V. Thelander. 165,311, Nov. 27.
Shirt or similar article, Man's. J. Melville. 164,789, Oct. 9.
Shirt or similar article, Man's. J. Melville. 164,873, Oct. 16.
Shirt or the like, Decorated. F. E. Lewis. 164,007, July 24.
Shirt, Sport. V. J. Luke. 162,553, Mar. 20.
Shoe. J. Dronoff. 164,847, Oct. 16.
Shoe. E. Forschner. 162,642, Mar. 27.
Shoe. P. W. Lown. 161,946, Feb. 13.
Shoe. F. M. Ronci. 164,136, July 31.
Shoe. J. Sandler. 162,992, Apr. 17.
Shoe, J. Sandler. 164,517–19, Sept. 11.
Shoe. J. H. Sloan and M. H. Gilkerson. 165,115, Nov. 6.
Shoe. J. H. Sloan and M. H. Gilkerson. 165,116, Nov. 6.
Shoe, Child's. J. H. Everston. 164,482, Sept. 11.
Shoe, Infant's. A. P. Williams. 161,889, Feb. 6.
Shoe, Lady's. E. Forschner. 162,641, Mar. 27.
Shoe or similar article. W. Braun. 163,019–21, Apr. 24.
Shoe or similar article. W. Braun. 163,359–60, May 22.
Shoe or similar article. F. Joyce. 161,456–7, Jan. 2.
Shoe or similar article. F. Joyce. 163,185, May 8.
Shoe or similar article. J. Macht. 164,308, Aug. 21.
Shoe or similar article. R. T. Wiseman. 163,009, Apr. 17.
Shoe or similar article, Lady's. D. E. Levin. 164,118, July 31.
Shoe or the like, Child's. H. C. Levy. 162,189, Feb. 27.
Shoe plate for a rink roller skate. J. S. Coldwell. 162,129, Feb. 27.
Shoe sole. J. Hoza. 161,449, Jan. 2.
Shoe sole. E. A. Sprigg. 164,456–7, Sept. 4.
Shoe sole, Molded. B. H. Capen. 163,744, June 26.
Shoe tree or the like. T. A. Evans. 163,106, May 1.
Shoe welting, Prestitched. C. F. Batchelder, Jr. 163,560, June 12.
Shoe welting, Prestitched beaded. C. F. Batchelder, Jr. 163,559, June 12.
Shooting gallery. D. N. Broyles. 162,376, Mar. 13.
Shower head. I. H. Russell. 164,822, Oct. 9.
Shower head attachment, Adjustable. W. H. Derbyshire. 161,431, Jan. 2.
Shrine. A. B. J. and J. I. Dokus. 161,742, Jan. 30.
Shuttlecock. W. C. Carlton. 163,365–9, May 22.
Sifter, Flour. F. R. Chester. 161,679, Jan. 23.
Sign. C. E. Trame. 162,596, Mar. 20.
Sign, Advertising. K. E. Bemis. 163,561, June 12.
Sign, Advertising. L. E. Peters. 164,598, Sept. 18.
Sign, Advertising. T. R. Terry. 164,743, Oct. 2.
Sign and trellis, Combined. A. Crawford. 165,053, Nov. 6.
Sign, Combined building and display. S. L. Cooper. 162,387, Mar. 13.
Sign, Display. K. F. Smith. 161,797, Jan. 30.
Sign, House identification. T. E. Wiehe. 164,214, Aug. 7.
Sign, Illuminable. W. L. Ernst. 162,637, Mar. 27.
Sign, Illuminable display. D. Chapman. 161,735, Jan. 30.
Sign or similar article. K. F. Smith. 162,354–5, Mar. 6.
Sign, Portable illuminable direction. S. G. Costas. 165,051, Nov. 6.
Sign, Restaurant. G. L. Olson. 164,194, Aug. 7.
Sign, School safety traffic. J. A. Dey. 164,409, Sept. 4.
Sign, Warning. J. V. Duda. 163,794, July 3.
Signal, Danger. V. S. Berry. 164,276–7, Aug. 21.
Signal flare. T. Howell. 164,423, Sept. 4.
Signal for visible index record devices, Slidable. M. B. Hall. 163,116, May 1.
Signal lamp and guard, Combined. C. M. Bolser. 165,180, Nov. 13.
Signal, Portable traffic. K. Collins. 163,166, May 8.
Signal, Portable traffic. S. B. Stetson. 163,492, May 29.
Signal, Warning. D. C. Britton. 162,928, Apr. 17.
Sink faucet shell. S. A. Young. 164,078, July 24.
Skate, Roller. C. H. Parton. 165,341, Dec. 4.
Skirt. J. Stephen. 165,029, Oct. 30.
Skirt and girdle, Unitary outer. S. J. Rosenberg. 161,652, Jan. 16.
Skirt, Maternity. A. J. Greendale. 162,534, Mar. 20.
Skirt or similar article. D. Cohen. 163,093, May 1.
Sled. C. J. P. Kotchan. 162,423, Mar. 13.
Sled, Trawl net. O. M. Sorensen. 162,487, Mar. 13.
Slicer, Combination bun and roll. E. F. Oetinger. 162,440, Mar. 13.
Slicer, Vegetable. M. M. Wolff. 162,106, Feb. 20.
Slicing device. C. R. Koons. 164,693, Oct. 2.
Slicing machine. J. M. Little. 165,082, Nov. 6.
Slicing machine. P. M. Sivertsen. 162,996, Apr. 17.
Slide or the like, Suspender. E. M. Hawie. 162,726, Apr. 3.
Slider body and pull tab for slide fasteners, Combined. N. J. Poux. 164,262, Aug. 14.
Slider for slide fasteners. V. De Armond. 165,366, Dec. 11.
Slingshot. J. B. Bell. 165,504, Dec. 25.
Slingshot. M. G. Miller and T. W. Nichols. 162,331. Mar. 6.
Sling shot grip. H. L. Beggs. 163,738, June 26.
Slip. P. M. Marcus. 165,086–7, Nov. 6.
Slip, Brassière. H. Roth. 162,086, Feb. 20.
Slip, Bra-top. H. Breitman. 162,781, Apr. 10.
Slip or similar article, Half. S. R. D'Amato. 163,168, May 8.
Slip or similar article, Maternity. H. Rees. 163,221–2, May 8.
Slip with pocket. R. B. Senderowitz. 162,241, Feb. 27.
Slipper. G. Cohn. 163,791–2, July 3.
Slipper. J. I. Kingson. 161,765, Jan. 30.
Slipper. M. N. Saxion. 165,398, Dec. 11.
Slipper and sox, Combined. A L. Wallau. 164,888, Oct. 16.
Slipper, Child's. L. Leslie. 165,012–14, Oct. 30.
Slipper, Child's. S. Paly. 161,705–6, Jan. 23.
Slipper, Evening. R. T. Wiseman. 163,010, Apr. 17.
Slipper or like article. M. Kaye. 162,178, Feb. 27.
Slipper or similar article. H. C. Carreau. 163,091, May 1.
Slipper or similar article. J. A. Lacek. 162,184–6, Feb. 27.
Slipper or similar article. J. A. Lacek. 164,004–5, July 24.
Slipper or similar article. H. Singer. 163,903, July 10.
Slipper or similar article. A. Yandell. 164,754, Oct. 2.
Smock, Artist's. M. J. Walker. 161,558, Jan. 2.
Snowball machine. D. Davison. 163,577, June 12.
Snowshoe. F. T. Paden. 163,316, May 15.
Snowsuit or similar article, Child's. M. Rosenbloom. 164,515, Sept. 11.
Soapholder. R. Aitken. 162,506, Mar. 20.
Sock. A. Beauchemin. 162,774–5, Apr. 10.
Sock, Leather soled. A. S. Reed. 163,633, June 12.
Sock, Man's. R. A. Torgersen. 165,408, Dec. 11.
Sock, Man's. F. J. and R. L. Vanhorn. 165,251–2, Nov. 20.
Sock or similar article. S. B. Schwartz and R. D. Blum, Jr. 162,477–9, Mar. 13.
Sock or similar article. S. B. Schwartz and R. D. Blum, Jr. 162,584–5, Mar. 20.
Sock or similar article. S. B. Schwartz and R. D. Blum, Jr. 162,995, Apr. 17.
Sock, Slipper. M. P. Hiestand. 165,284, Nov. 27.
Soda fountain. W. S. Connell. 162,934–5, Apr. 17.
Sofa or similar article. G. A. Becker, Jr. 161,894, Feb. 13.
Sole and heel unit for footwear, Combined. W. MacPherson. 165,535, Dec. 25.
Sole, Molded shoe. N. E. Bovay. 164,095–6, July 31.
Sole, Molded rubber shoe. N. E. Bovay. 163,674, June 19.
Sole, Shoe. G. M. Capdevila. 163,956, July 17.
Sole, Shoe. W. J. Gruner. 164,299, Aug. 21.
Sole, Shoe. I. Hoffenberg. 162,830, Apr. 10.
Sole, Shoe. L. M. Oakley. 163,960, July 17.
Sole, Shoe. H. N. Schrage. 163,071, Apr. 24.
Sole, Shoe. L. W. Yaggi. 163,012, Apr. 17.
Spandrel panel. R. W. Haman, A. B. Girardy, and D. W. Doman. 164,990, Oct. 30.
Speaker and support therefor, Combined. D. G. Griffin. 162,646, Mar. 27.
Spectacle frame. E. F. Von Seekamm. 164,211, Aug. 7.
Spectacle frame or similar article. J. B. Wright. 164,145, July 31.
Spectacle front. R. F. E. Stegeman. 164,205, Aug. 7.
Spectacle front. R. F. E. Stegeman. 165,349, Dec. 4.
Spectacle front. H. Weissman. 163,429, May 22.
Spectacle front. H. Weissman. 164,341, Aug. 21.
Spectacle front. H. Weissman. 164,392, Aug. 28.
Spectacle front. H. Weissman. 164,539, Sept. 11.
Spectacle front. H. Weissman. 165,314–15, Nov. 27.
Spectacle, Semirimless. R. F. E. Stegeman. 163,546, June 5.
Spectacles or similar article, Pair of rimless. L. W. Myers and A. L. Anderson. 164,592, Sept. 18.
Spectacles, Pair of visored. E. Devay. 161,575, Jan. 9.
Spindle, Beverage mixing. W. A. Ernst. 161,576, Jan. 9.
Spinner and top, Combined. A. Greene. 161,581, Jan. 9.
Spinner, Fishing. M. L. Lawhon. 162,741, Apr. 3.
Spit, Rotary. W. H. Hunter. 161,756, Jan. 30.
Splash back, Range. R. E. Kruck. 161,694, Jan. 23.
Spoon, Mixing. C. M. Boyer. 163,358, May 22.
Spoon or other article of flatware. E. J. Conroy. 164,478, Sept. 11.
Spoon or other article of flatware. L. V. M. Helander. 165,521, Dec. 25.
Spoon or similar article. G. N. Allen, L. E. Ressegger, and M. P. Fleming. 163,436, May 29.
Spoon or similar article. S. P. Baar, Jr. 164,347, Aug. 28.
Spoon or similar article. N. Bowlen. 163,249, May 15.
Spoon or similar article. M. P. Fleming. 161,745, Jan. 30.
Spoon or similar article. L. R. Lehman. 163,703, June 19.
Spoon or similar article. I. A. Lipman. 165,295, Nov. 27.
Spoon or similar article. I. A. Lipman. 165,382, Dec. 11.
Spoon or similar article. E. B. McAlpine. 163,056, Apr. 24.
Spoon or similar article. N. J. Mercer. 163,886–7, July 10.
Spoon or similar article. J. A. Nolan. 164,053, July 24.
Spoon or similar article. F. Wagner. 161,803, Jan. 30.
Spoon or similar article. F. Wagner. 164,529-38, Sept. 11.

Spoon or similar article. W. S. Warren. 165,199–201, Nov. 13.
Spoon or similar article of flatware. N. Bel Geddes. 164,470, Sept. 11.
Spoon or similar article of flatware. M. Bernstein. 162,373, Mar. 13.
Spoon or other article of flatware. E. J. Conroy. 163,258, May 15.
Spoon or similar article of flatware. M. Weeber. 162,497–8, Mar. 13.
Spoon or the like. N. J. Mercer. 164,646, Sept. 25.
Spoon, Pharmaceutical. B. A. Margolis. 161,947, Feb. 13.
Spoon rest. P. F. Murray. 164,647, Sept. 25.
Spoon, Stirring and beating. J. E. Donaldson. 163,028, Apr. 24.
Spotlight, Portable. D. M. Morgenstern. 163,403–4, May 22.
Spotlight, Portable. D. M. Morgenstern. 165,185–8, Nov. 13.
Spot removing device, Dry cleaners'. C. E. Richardson. 162,881, Apr. 10.
Spray device, Pressure. T. T. Graham. 162,296, Mar. 6.
Spray head for aerosol dispensers. G. R. Saacke. 162,886, Apr. 10.
Spray head for an aerosol dispenser or similar article. T. Heilig. 165,072–3, Nov. 6.
Sprayer, Electric hand. H. R. Rich. 161,710, Jan. 23.
Sprayer, Hand. A. P. Smith. 163,147, May 1.
Spraying device, Portable. H. R. Rich. 162,987, Apr. 17.
Spreader for ears of corn and the like, Butter. H. S. Kane. 163,121, May 1.
Spreader or similar article, Manure. G. W. Walker. 162,909, Apr. 10.
Sprinkler. J. S. Colombini. 162,712–13, Apr. 3.
Sprinkler, Garden. L. Lewandowski. 163,527, June 5.
Sprinkler, Lawn. E. O. Griswold. 164,770, Oct. 9.
Sprinkler, Lawn. L. R. Nelson. 163,470–1, May 29.
Sprinkler, Lawn. W. C. Wehner and J. Lapp. 161,805, Jan. 30.
Sprinkler, Lawn. W. C. Wehner. 161,806, Jan. 30.
Sprinkler, Lawn. W. C. Wehner and J. Lapp. 161,807, Jan. 30.
Squeegee. R. L. Staggers and R. L. Warren. 162,250, Feb. 27.
Stage and record player, Combined miniature. E. H. Belden. 163,739, June 26.
Stand. W. G. Roeder. 162,990, Apr. 17.
Stand, Advertising display. L. Barry. 165,261, Nov. 27.
Stand and desk receptacle unit, Combined calendar. O. Dingeldein. 163,586, June 12.
Stand, Automatic pressure cooker. D. E. Dailey. 164,554, Sept. 18.
Stand, Bedside. A. Paterniti. 163,627, June 12.
Stand, Christmas tree. J. P. Lasecki. 165,530, Dec. 25.
Stand, Christmas tree. M. Letrent. 164,432, Sept. 4.
Stand, Christmas tree. J. A. Sparenga. 164,608, Sept. 18.
Stand, Combined display and dispensing. J. R. Warp. 165,254, Nov. 20.
Stand, Concession. W. C. Kiser and C. E. Lennon, Jr. 165,291, Nov. 27.
Stand, Corsage utility. R. L. Griner. 161,749, Jan. 30.
Stand, Dining table. R. E. Reid. 163,710, June 19.
Stand, Display. G. A. and R. B. Bishop, and C. E. Jones. 161,897, Feb. 13.
Stand, Display. L. Brunner. 163,164, May 8.
Stand, Display. T. E. Dartt. 161,741, Jan. 30.
Stand, Display. A. D. Duncan. 162,291, Mar. 6.
Stand, Display. M. J. Gordon. 164,298, Aug. 21.
Stand, Display. R. L. Henderson. 164,577, Sept. 18.
Stand, Display. D. A. McCowan. 161,774, Jan. 30.
Stand, Display. A. Ross. 161,538, Jan. 2.
Stand, Display. C. L. Wheeler. 165,255, Nov. 20.
Stand, China. A. Chicorel. 162,127, Feb. 27.
Stand, Cup and saucer display. A. G. Granowitz. 161,920, Feb. 13.
Stand, Fan. W. W. Welch, Sr. 161,887, Feb. 6.
Stand for an embossing machine. W. R. H. Moon. 161,777, Jan. 30.
Stand for handbag holders, Display. E. M. Davis. 165,328, Dec. 4.
Stand for Hanukkah lights. S. R. Zoss. 165,127, Nov. 6.
Stand for heated food receptacles. D. C. O'Connell. 164,650, Sept. 25.
Stand for pocket watch, Supporting. C. A. Cone. 163,372, May 22.
Stand, Iron. J. A. Hebert. 163,600, June 12.
Stand, Lamp. F. M. Schmidt. 162,233, Feb. 27.
Stand, Linotype cartridge. H. F. Worsley. 161,986, Feb. 13.
Stand, Lock display. A. Schoepe. 161,543, Jan. 2.
Stand, Match book display. J. Shapiro. 161,794–6, Jan. 30.
Stand, Match book display. J. Shapiro. 162,349, Mar. 6.
Stand, Mobile display. M. A. Buchanan. 163,790, July 3.
Stand, Mobile refreshment. A. E. Umholtz. 164,525, Sept. 11.
Stand or similar article, Christmas tree. J. Abel and A. Zwierzynski. 161,404, Jan. 2.
Stand or similar article, Display. F. Hobhouse. 164,496, Sept. 11.
Stand or similar article, Display. V. Turner. 162,597. Mar. 20.
Stand or similar article, Display. F. Westernacher. 162,913–14, Apr. 10.
Stand or similar article, Magazine. E. D. Payer. 161,591, Jan. 9.
Stand or similar article, Merchandise display. F. Westernacher. 162,764, Apr. 3.
Stand or similar article, Merchandise display. F. Westernacher. 163,153–4, May 1.
Stand, Packaged seed display. E. E. Humphries. 161,451, Jan. 2.
Stand, Reducing lens. C. P. Da Corta. 163,373, May 22.
Stand, Refreshment. P. J. Rollo. 162,883, Apr. 10.
Stand, Ribbon display. H. Veeder. 162,262, Feb. 27.
Stand, Serving. O. G. Lilja. 163,617, June 12.
Stand, Sewing. C. C. Hill. 162,164, Feb. 27.
Stand, Smokers'. W. T. Arthur. 163,735, June 26.
Stand, Smoker's. L. Jiranek. 162,546, Mar. 20.
Stand, Smoker's or refreshment. M. K. Fowler. 164,768, Oct. 9.
Stand, Smoking. E. L. Andrews and J. A. Waller. 162,705, Apr. 3.
Stand, Smoking. J. P. Jansma. 162,835, Apr. 10.
Stand, Smoking. E. G. Pratt. 162,751, Apr. 3.
Stand, Telephone. C. C. Bloomfield, Sr. 162,778, Apr. 10.
Stand, Watch band display. E. H. Augat. 161,813, Feb. 6.
Staple remover or similar article. H. W. Marano. 163,465, May 29.
Stapler. H. L. Imelmann. 161,932, Feb. 13.
Stapler and file marker, Combined. W. H. Lane. 162,187, Feb. 27.
Stapler or similar article. H. Ruskin. 164,265, Aug. 14.
Stapler or similar article, Hand. H. W. Marano. 164,375–6, Aug. 28.
Stapling machine. S. A. Crosby and R. B. Vail. 165,414, Dec. 18.
Stapling machine, Electric. T. M. Sasser. 164,203, Aug. 7.
Statue and lamp, Combination. N. Lichtenstein and P. Di Matteo. 163,397, May 22.
Stepladder. D. R. Dole. 162,132, Feb. 27.
Sterilizer, Electric oil. H. A. Eitelberg. 165,224, Nov. 20.
Sterilizer for telephone mouthpiece. D. G. Jack. 164,993, Oct. 30.
Stethoscope or the like, Motor. E. A. Heschel. 163,282, May 15.
Stilt. W. Owen. 163,624, June 12.
Stock and die unit, Combined. C. E. Wright. 165,205, Nov. 13.
Stocking. L. J. Accardi. 162,277. Mar. 6.
Stocking. S. L. Alpern. 164,081–3, July 31.
Stocking. C. B. Biehl. 161,996, Feb. 20.
Stocking. A. A. Bochner and H. Zylberberg. 162,620–1, Mar. 27.
Stocking. A. Carson. 162,383, Mar. 13.
Stocking. W. de Mond. 163,579–84, June 12.
Stocking. D. V. Dickson. 162,716–17, Apr. 3.
Stocking. E. F. P. Dost. 162,718, Apr. 3.
Stocking. G. D. Dowell. 162,134, Feb. 27.
Stocking. H. A. Florsheim. 162,293, Mar. 6.
Stocking. R. Friedrich, Jr. 162,398, Mar. 13.
Stocking. A. E. Gant. 162,807–08, Apr. 10.
Stocking. E. A. Gerhardt. 165,278, Nov. 27.
Stocking. W. Goff. 162,722, Apr. 3.
Stocking. W. Goff. 163,034, Apr. 24.
Stocking. W. Goff. 163,597, June 12.
Stocking. H. N. Goodman. 163,690–1, June 19.
Stocking. B. D. Gordon. 162,403, Mar. 13.
Stocking. B. D. Gordon. 163,944–5, July 17.
Stocking. L. W. Gottschalck. 162,819–23. Apr. 10.
Stocking. A. E. Ischinger. 164,633–8, Sept. 25.
Stocking. A. E. Ischinger. 164,756, Oct. 2.
Stocking. M. Magnier. 161,479–82, Jan. 2.
Stocking. M. Magnier. 162,203–4, Feb. 27.
Stocking. M. Magnier. 163,618, June 12.
Stocking. J. Miran. 162,057, Feb. 20.
Stocking. J. Miran. 162,209, Feb. 27.
Stocking. J. Miran. 164,439, Sept. 4.
Stocking. J. Miran. 164,792–800, Oct. 9.
Stocking. J. Miran. 165,339, Dec. 4.
Stocking. R. A. Nicoletti. 162,061, Feb. 20.
Stocking. B. F. Playford. 164,600, Sept. 18.
Stocking. I. Rabinovitz. 162,343, Mar. 6.
Stocking. I. Rabinowitz. 164,385, Aug. 28.
Stocking. I. Rabinowitz. 164,603, Sept. 18.
Stocking. W. Reid. 163,484, May 29.
Stocking. A. Rudelt. 162,087, Feb. 20.
Stocking. S. Savitz. 163,713, June 19
Stocking. R. E. Schletter. 165,486–7, Dec. 18.
Stocking. C. Shelton. 163,228, May 8.
Stocking. S. Sigel. 162,350–2, Mar. 6.
Stocking. S. Sigel. 162,757, Apr. 3.
Stocking. S. Sigel. 163,335, May 15.
Stocking. S. Sigel. 163,646, June 12.
Stocking. S. Sigel. 164,825–6, Oct. 9.
Stocking. R. J. Schwarz. 162,090, Feb. 20.
Stocking. W. Tait. 162,362, Mar. 6.
Stocking. R. H. Weinberg. 163,836, July 3.
Stocking. C. N. Woodrow. 162,917, Apr. 10.

Stocking, Christmas. H. G. Hathaway. 162,537, Mar. 20.
Stocking, Christmas. L. Reagor. 164,957, Oct. 23.
Stocking, Christmas. M. G. Sauer. 161,879, Feb. 6.
Stocking, Lace top. M. Junghans. 165,525, Dec. 25.
Stocking, Lady's. C. Appel. 164,465, Sept. 11.
Stocking, Lady's. J. C. Bergner. 164,838–9, Oct. 16.
Stocking, Lady's. W. G. Bley. 165,129, Nov. 13.
Stocking, Lady's. V. Butler. 163,364, May 22.
Stocking, Lady's. W. de Mond. 164,673–5, Oct. 2.
Stocking, Lady's. G. D. Dowell. 164,411, Sept. 4.
Stocking, Lady's. A. Genesio. 165,277, Nov. 27.
Stocking, Lady's. J. Mann. 163,704, June 19.
Stocking, Lady's. W. Nebel. 161,492–5, Jan. 2.
Stocking, Lady's. O. H. Pons. 162,220, Feb. 27.
Stocking, Lady's. R. E. Schletter. 162,232, Feb. 27.
Stocking, Lady's. R. E. Schletter. 164,961, Oct. 23.
Stocking, Lady's. R. E. Schletter. 165,347–8, Dec. 4.
Stocking, Lady's. O. Sterner. 162,759, Apr. 3.
Stocking, Lady's. E. Troy. 164,390, Aug. 28.
Stocking, Lady's. W. M. Vogler. 162,598–9, Mar. 20.
Stocking, Lady's. J. T. Welch. 162,365, Mar. 6.
Stocking, Lady's. A. Wilcher. 163,502–3, May 29.
Stocking or similar article, Lady's. I. Belaief. 161,412, Jan. 2.
Stocking or similar article, Lady's. J. Siegel. 165,399, Dec. 11.
Stocking, Woman's. M. B. Mueller and S. Shapiro. 164,589, Sept. 16.
Stool. B. F. Hamilton. 164,168, Aug. 7.
Stool. A. L. Turnbull. 165,563, Dec. 25.
Stool or similar article, Television. E. W. Gaffield. 161,579, Jan. 9.
Stool, Utility. M. C. Lumley. 162,854, Apr. 10.
Stop block. T. H. Edelblute. 164,848, Oct. 16.
Stopper, Bottle. C. Gossman. 164,164, Aug. 7.
Storage and display device, Combined. H. H. Hartis. 161,929, Feb. 13.
Store building. W. A. Bryans. 164,474, Sept. 11.
Store front. K. E. Bemis. 164,894, Oct. 23.
Store front. S. C. Wagenman. 163,835, July 3.
Stove. F. C. Neuls. 164,255, Aug. 14.
Stove and cabinet unit. H. Honer. 165,285, Nov. 27.
Stove backguard. D. P. O'Keefe. 162,980, Apr. 17.
Stove, Cooking. J. R. Morgan and M. H. Boldt. 162,974, Apr. 17.
Stove, Gas table. H. Desguin and N. Sauvage. 164,676, Oct. 2.
Stove, Portable cooking. D. H. Bitney. 164,978, Oct. 30.
Straightedge. A. C. Ferguson and A. J. La Croix. 162,396, Mar. 13.
Strainer, Sink. P. F. Danielson. 165,055, Nov. 6.
Straw, Drinking. M. Dinhofer. 163,099–101, May 1.
Strip, Metal edging. F. Morrow. 161,858–60, Feb. 6.
Strip of electrical insulating material. G. E. Henning. 164,578, Sept. 18.
Strip or similar article, Metal molding. D. W. Witkin. 161,723, Jan. 23.
Stroller, Twin baby. R. L. Trimble. 162,495, Mar. 13.
Study unit or the like, Multiple. A. S. Macdonald. 161,772, Jan. 30.
Stuffed dog. G. Grooms. 163,802, July 3.
Submarine. W. Wiggins, Jr. 162,267, Feb. 27.
Suction cleaner casing. H. Dreyfuss. 163,265, May 15.
Suit. T. Carnegie. 162,379–81, Mar. 13.
Suit, Pram. C. A. Palmer. 163,814, July 3.
Suit, Ski. E. Engel. 162,140, Feb. 27.
Sundial and paperweight, Combined. R. Watts. 163,500, May 29.
Sunglass. G. R. Hinman. 163,869, July 10.
Sun glasses. B. J. Lowres. 165,533, Dec. 25.
Sunglasses or similar article, Pair of. J. Auchter. 162,922, Apr. 17.
Sunglasses or the like, Pair of. H. C. Richards. 163,485, May 29.
Sunglasses, Pair of. N. D. Feins. 162,803, Apr. 10.
Sunmask. H. C. McWilliams. 164,699, Oct. 2.
Sun suit, One-piece. B. A. Brenner. 165,506, Dec. 25.
Support for a display stand, Article. J. D. Marquis and F. W. Ehlert. 164,437, Sept. 4.
Support for fragile articles. E. L. Shepard. 163,970, July 17.
Support, Grinding machine work. C. E. Nomann and G. R. Palm. 162,433, Mar. 13.
Support, Lamp shade. G. H. Kernodle. 163,522, June 5.
Support, Nursing bottle. W. Battle. 162,117, Feb. 27.
Support or the like, Scratch-pad. P. B. Foster. 163,685, June 19.
Support, Thermometer. J. J. Milavec. 163,890, July 10.
Support, Towel. J. E. Donaldson. 162,393, Mar. 13.
Swatter, Fly. C. Webbeking. 163,152, May 1.
Sweater. H. Balyer. 163,439, May 29.
Sweater. H. Balyer. 163,557, June 12.
Sweater. H. Balyer. 164,348, Aug. 28.
Sweater. J. Moskow. 161,640, Jan. 16.
Sweater or similar article. S. Levine. 161,476, Jan. 2.
Sweater or similar article. R. E. Olson. 164,259, Aug. 14.
Sweetmeat. J. P. Gowland. 161,746, Jan. 30.
Swimming device. L. P. Romano. 161,536, Jan. 2.
Swing. H. C. Kregger. 161,769, Jan. 30.
Swing, Child's. E. C. Schmidli. 162,889, Apr. 10.
Swing, Infant's. E. J. Leep. 164,307, Aug. 21.
Swing or similar article, Play. R. A. St. Louis. 162,693, Mar. 27.
Switch. A. J. Burger. 165,134, Nov. 13.
Switch. J. B. Parsons. 162,444, Mar. 13.
Switch for vehicle signaling system. J. R. Hollins. 163,284, May 15.
Switch panel. E. Drewitz. 163,447, May 29.
Syringe, Nose. L. P. Morton. 162,862, Apr. 10.
T fitting. E. H. Schustack. 163,487, May 29.
Tab. H. J. Reiter. 163,223–5, May 8.
Tabernacle or similar article. M. Novotny. 163,959, July 17.
Table. W. J. Bargen. 163,242, May 15.
Table. P. C. Curtis. 164,552, Sept. 18.
Table. F. E. Gierlich. 164,295, Aug. 21.
Table. J. Hiebert. 164,365, Aug. 28.
Table. B. S. Lee. 162,045, Feb. 20.
Table. C. E. Meek, Jr. 162,558, Mar. 20.
Table. W. A. Smith. 162,247, Feb. 27.
Table. D. A. Wallance. 164,075, July 24.
Table and cabinet, Combination. E. G. Arnell. 162,769, Apr. 10.
Table and cabinet, Combined. R. J. Dunlap. 165,273, Nov. 27.
Table and range, Combination. R. W. Merkle. 162,206, Feb. 27.
Table and storage unit, Combined. E. A. Hurwitz. 162,542, Mar. 20.
Table base, Tubular metal. F. L. Duer. 165,139, Nov. 13.
Table, Bedside. H. M. Berner. 162,119, Feb. 27.
Table, cabinet, and desk, Combined. C. S. Broad. 164,622, Sept. 25.
Tablecloth. H. D. Hooven. 165,424–56, Dec. 18.
Tablecloth, Lace. H. Hooven. 163,045, Apr. 24.
Tablecloth, Lace. F. P. Otto. 162,063–5, Feb. 20.
Tablecloth, Lace. F. P. Otto. 164,708, Oct. 2.
Tablecloth, Lace. T. Waldman. 163,003–4, Apr. 17.
Tablecloth, Lace. W. Wolf. 162,104–5, Feb. 20.
Tablecloth, Plastic film. M. Christen. 164,284, Aug. 21.
Table, Examining. C. W. McClure and L. Streifeneder. 164,048, July 24.
Table, Folding wall. J. R. Boggs. 164,980–1, Oct. 30.
Table for double projection stereoscopic plotters for making topographic maps from aerial photographs. E. C. Bintz. 163,355, May 22.
Table, Infant's dressing. H. Arey. 163,239, May 15.
Table leg, Adjustable. B. Dohrmann. 164,984, Oct. 30.
Table ornament and statuary box, Combined. J. Barofsky. 165,047, Nov. 6.
Table or similar article. L. G. and C. Erickson. 163,029, Apr. 24.
Table or similar article, Game. L. G. Larson. 161,845, Feb. 6.
Table or similar article, Vanity. E. Herrmann. 164,579, Sept. 18.
Table or the like, Baseball game. H. E. Williams. 161,562, Jan. 2.
Table or the like, Billiard. R. I. Anderson and B. Hoeker. 161,407–8, Jan. 2.
Table or the like, Cocktail. F. B. Forward. 164,682, Oct. 2.
Table or the like, Score. R. I. Anderson and B. Hoeker. 161,724, Jan. 30.
Table, Patio. D. L. Creswell. 164,105, July 31.
Table top. R. K. Morrison. 162,677, Mar. 27.
Table top or similar article, Leather. L. Scalera. 161,966, Feb. 13.
Table with rotating top. C. B. Shapiro. 161,714, Jan. 23.
Table, X-ray. R. J. Stava and W. F. Schneerer. 161,717, Jan. 23.
Tabouret. W. L. Snyder. 164,966, Oct. 23.
Tail gate hinge and latch, Combined. F. Reifsteck. 165,302, Nov 27.
Tank, Armored. J. J. Baldine. 164,216, Aug. 14.
Tank, Bicycle. J. F. Day and H. F. Maschin. 163,854, July 10.
Tank, Nonrefrigerated developing. V. W. Powell. 161,788, Jan. 30.
Tank or similar article, Bicycle. J. Daugherty. 163,169, May 8.
Target. R. O. Wesley. 162,499–500, Mar. 13.
Tea kettle. L. E. Finch. 164,413, Sept. 4.
Teakettle. W. A. Welden. 163,725, June 19.
Teapot. R. Wright. 161,603. Jan. 9.
Teapot, Sectionalized. W. Davis. 163,095, May 1.
Telephone base. C. W. Sundberg. 162,898, Apr. 10.
Telephone book monocle. A. B. Rogers. 164,135, July 31.
Telephone recording pickup. E. E. Hansen, Jr., and L. M. Heineman. 164,491, Sept. 11.
Telephone support. W. C. O'Brien. 165,238, Nov. 20.
Telephone unit, Selective ringing. T. J. McCann. 162,857, Apr. 10.
Telescope. J. D. Kieffer, III, and W. M. Strom. 165,231, Nov. 20.
Television receiver. W. H. Clingman. 162,286, Mar. 6.
Television screen window and control unit, Combined. S. E. Adler. 162,503, Mar. 20.
Television screen window frame and control unit, Combined. S. E. Adler. 163,553, June 12.
Television transmitter control operator's console. L. I. Spooner. 164,334, Aug. 21.
Template, Dressmaking. M. B. Picken. 163,411, May 22.
Tenderizing machine, Meat. S. Bakewell. 164,543, Sept. 18.
Tendon protector or similar article. G. Owen, Jr., and J. A. Rubico. 164,595, Sept. 18.

Tent pin. A. N. Johannesen. 164,994, Oct. 30.
Terminal cap. B. A. Gruver and A. Robertson. 163,516, June 5.
Test probe, Electrical. G. N. Goldberger and V. I. Robinson. 162,813, Apr. 10.
Textile fabric. H. E. Stehli. 161,972, Feb. 13.
Textile fabric or similar article. M. R. Hamre. 161,923–8, Feb. 13.
Theater front. V. A. Rigaumont. 164,320, Aug. 21.
Thermometer. C. B. Woofter. 162,107, Feb. 20.
Thermometer and rearview mirror for use on motor vehicles, Combined. M. C. Vacanti. 162,098, Feb. 20.
Thermostat casing. C. B. Morgan. 165,539, Dec. 25.
Thermostat housing. A. O. Hensel. 164,419, Sept. 4.
Thread picking and seam ripping implement. C. E. McNutt. 165,338, Dec. 4.
Threader, Needle. J. S. Kahn. 163,048, Apr. 24.
Tie, Bow. H. Mann. 163,810, July 3.
Tieback, Drapery. E. J. McKee. 163,467, May 29.
Tile, Acoustical. L. Romanelli. 163,139, May 1.
Timer or the like. T. Ornas, Jr. 163,133, May 1.
Tire. W. F. Billingsley. 162,618, Mar. 27.
Tire. W. F. Billingsley. 163,354, May 22.
Tire. C. C. Custer. 164,553, Sept. 18.
Tire. P. E. Hawkinson. 162,410, Mar. 13.
Tire. W. E. Hardeman. 163,518, June 5.
Tire. S. C. Parker. 163,539, June 5.
Tire, Automobile. L. O. Dodson. 162,131, Feb. 27.
Tire casing trimmer and balancing machine or similar article, Combined pneumatic. J. H. Braley. 165,217, Nov. 20
Tire, Pneumatic. M. G. Muszynski. 165,098, Nov. 6.
Toaster, Electric. T. Barnes. 164,151–2, Aug. 7.
Toaster, Electric. M. F. Fitzgerald. 161,827, Feb. 6.
Tobacco can cover, pipe rest, match book holder, and ash tray, Combined. G. Goodwin. 162,024, Feb. 20.
Toilet article tray. A. S. Korbus. 164,306, Aug. 21.
Tone arm or the like, Phonograph. C. B. Stevens. 162,697, Mar. 27.
Tongs, Lifting. C. S. Dixon. 165,221, Nov. 20.
Tool, Adjustable slide wedge blocking. R. S. Arnold. 164,467, Sept. 11.
Tool, Camper's. W. A. Uttz. 165,198, Nov. 13.
Tool, Combination. J. N. Amigone. 163,785, July 3.
Tool, Combination. A. W. Fowler. 164,909, Oct. 23.
Tool, Combination. J. T. Runkle and P. F. Gassien. 163,422, May 22.
Tool, Combination grinding and surfacing. A. O. Hughes. 162,303, Mar. 6.
Tool, Compound. E. E. Sutter. 163,911, July 10.
Tool, Dent-removing. L. M. Back. 161,671, Jan. 23.
Tool, Fisherman's utility. W. A. Uttz. 164,209, Aug. 7.
Tool for applying and removing wheel balance weights. C. W. Mills. 163,533, June 5.
Tool for correcting wheel caster and camber. A. Romak. 161,711, Jan. 21.
Tool, Garden. E. C. Weidig. 163,501, May 29.
Tool grinder, Twin-wheel. J. J. Falls. 165,419, Dec. 18.
Tool, Portable electric. C. Rittenhouse. 163,324, May 15.
Tool, Tube cutting. G. E. Franck. 161,438, Jan. 2.
Tool unit, Electric power. F. Lustig. 163,760, June 26.
Tool unit, Electric power. E. F. Thomson. 161,719, Jan. 23.
Tool, Wire pulling and twisting. C. H. Goodson. 165,281, Nov. 27.
Tool, Wire tying. H. Ackerman. 162,607, Mar. 27.
Toothbrush. G. W. Pifer. 163,707, June 19.
Toothbrush. T. W. Sherrod and N. J. G. Edwards. 165,248, Nov. 20.
Toothbrush and toothbrush holder, Combination. L. Jason. 163,391, May 22.
Top and backguard panel for cooking ranges, Combined. C. C. Perry and H. E. Brehm. 164,318, Aug. 21.
Top, Educational spinning. Q. Wee. 162,100, Feb. 20.
Top for vehicle body. H. W. Hill. 164,238, Aug. 14.
Topper and coat, Combined. J. Feldman. 162,142, Feb. 27.
Tot's scooter-stroller. J. V. Card. 164,402, Sept. 4.
Tower scale. G. W. Tammen. 164,971, Oct. 23.
Toy, Airplane. W. D. Christman. 162,790, Apr. 10.
Toy airplane. R. L. Hayman. 165,070–1, Nov. 6.
Toy airplane. F. W. Kertell. 165,230, Nov. 20.
Toy airplane. S. Latina. 161,473–4, Jan. 2.
Toy airplane. C. L. Miller and R. D. Brandon. 162,560, Mar. 20.
Toy, Airplane helicopter. A. Halvas. 161,621, Jan. 16.
Toy amphibious motor vehicle. B. Carlin. 162,628, Mar. 27.
Toy animal figure. G. I. Polakov. 164,198, Aug. 7.
Toy animal figure, Inflatable. R. C. Drury. 162,940, Apr. 17.
Toy animal figure or similar article, Infant's. N. V. Simmons. 162,353, Mar. 6.
Toy animal figure or similar article, Inflatable. A. Burkes. 163,252–4, May 15.
Toy animal figure unit, Stuffed. M. C. Nors. 161,782, Jan. 30.
Toy, Animated animal figure sounding trundle. F. E. Seyfarth. 163,489, May 29.
Toy, Animated figure trundle. A. Lustig. 164,785, Oct. 9.
Toy, Animated pull. H. A. Hammelman. 164,773, Oct. 9.
Toy automobile. H. Sebel. 165,488, Dec. 18.
Toy bank and shoe trees, Combination. J. Golden. 165,151, Nov. 13.
Toy bank, Wishing well musical. W. Lorenz. 161,945, Feb. 13.
Toy bird figure. I. L. Shinn. 161,545, Jan. 2.
Toy blocks, Set of educational. R. S. Claflin. 161,423, Jan. 2.
Toy blocks, Set of sectional educational. K. V. Bishop. 163,085, May 1.
Toy boat. H. H. Reuther. 161,871, Feb. 6.
Toy cable car. T. Lewy. 162,966, Apr. 17.
Toy candy shop. J. W. Hazelton. 163,803, July 3.
Toy, Caterpillar pull. J. F. Brice. 164,549, Sept. 18.
Toy, Child's. W. Dorn. 162,796, Apr. 10.
Toy clock bank with transparent container base. J. C. Crosetti. 162,288, Mar. 6.
Toy, Educational. B. F. Jay and M. Feintuch. 164,583, Sept. 18.
Toy elephant. N. Hollis. 164,930, Oct. 23.
Toy figure. G. W. Owen. 165,340, Dec. 4.
Toy figure. P. G. Plante. 161,962, Feb. 13.
Toy figure, Animated. A. M. Hillery. 163,868, July 10.
Toy figure or similar article. A. Pinterally. 163,765, June 26.
Toy figure or similar article, Inflatable. A. Burkes. 161,734, Jan. 30.
Toy figure or similar article, Inflatable. A. Burkes. 162,003, Feb. 20.
Toy figure or similar article, Inflatable. A. Burkes. 162,125–6, Feb. 27.
Toy figure, Water. L. R. Cohen. 161,906–7, Feb. 13.
Toy figurine or similar article. C. R. White. 164,463, Sept. 4.
Toy, Flying. H. Benson. 162,707, Apr. 3.
Toy grading machine. W. M. Arnold, Jr. 165,258, Nov. 27.
Toy gun. J. F. Carssow. 161,421, Jan. 2.
Toy gun. J. Goodman. 162,948, Apr. 17.
Toy gun holster for bicycles. B. Krasnow. 163,394, May 22.
Toy horse, Inflatable. H. B. Meyer and W. E. Lawson, Sr. 163,061, Apr. 24.
Toy horse, Inflatable. R. H. Wendt. 165,202, Nov. 13.
Toy insect with rotatable wings, Trundle. F. E. Seyfarth. 163,551, June 5.
Toy jet propelled boat. N. Barsotti. 165,503, Dec. 25.
Toy machine gun. C. F. Gladen. 165,420, Dec. 18.
Toy, Mechanical. S. I. Berger. 161,896, Feb. 13.
Toy money bank. D. A. Di Camillo. 164,224, Aug. 14.
Toy, Musical. S. V. Lippman. 162,190–1, Feb. 27.
Toy or the like, Inflatable. M. J. Gilman. 162,022, Feb. 20.
Toy organ. F. H. Magnus and E. J. Ens. 163,529, June 5.
Toy, Pickup. P. J. Gordineer. 163,115, May 1.
Toy picture framing book. M. R. Berman. 162,372, Mar. 13.
Toy pistol. D. Ippolito. 162,662, Mar. 27.
Toy pistol. A. D. Tovell. 164,657, Sept. 25.
Toy propeller-ejecting gun. J. B. Barricks. 164,398, Sept. 4.
Toy, Pull. J. Kintas. 161,766, Jan. 30.
Toy puppet, Stuffed pig. E. V. Wong. 164,973, Oct. 23.
Toy rattle. H. B. Toombs and G. Amberge. 165,407, Dec. 11.
Toy, Riding. H. Sebel. 164,454, Sept. 4.
Toy ring-launching device. C. F. Hartman. 162,408, Mar. 13.
Toy simulating a canoe with paddlers. H. Sebel. 164,884, Oct. 16.
Toy soda fountain. A. M. Steiner. 161,658, Jan. 16.
Toy, Steam roller. E. G. Lennox. 163,207, May 8.
Toy sword. D. W. Brooks. 163,022, Apr. 24.
Toy sword. D. W. Brooks. 163,086, May 1.
Toy train controller or the like. R. A. Pullon. 164,384, Aug. 28.
Toy typewriter. H. C. Hertz. 163,039, Apr. 24.
Toy vehicle. P. B. Saunders, Jr. 162,231, Feb. 27.
Toy walking horse. L. J. Campbell. 164,097, July 31.
Toy, Wheel. J. F. Brice. 162,513, Mar. 20.
Toy, Wheeled figure. E. Buhler. 161,568, Jan. 9.
Toy, Whistling whirling. L. S. Spallone. 163,905, July 10.
Tractor, Fluid. A. Mazzola. 164,047, July 24.
Trailer. R. M. Huffaker, D. S. Larson, E. J. Laue, R. E. Reedy, and R. G. Davis. 161,450, Jan. 2.
Trailer. B. N. Pewell. 163,631, June 12.
Trailer, Fuel transport. F. J. Kunz. 163,612, June 12.
Trailer hitch. M. M. Richart. 162,225, Feb. 27.
Trailer, Telescopic house. C. E. Grube. 161,441, Jan. 2.
Trailer, Truck carrying. M. W. Lempke, A. J. Gentile, and J. J. Johnson. 162,849, Apr. 10.
Trailer, Vehicular. A. J. Grossniklaus. 164,167, Aug. 7.
Trainer, Infant chair. B. T. Jack Vance. 161,933, Feb. 13.
Training unit, Child's bathroom. D. A. Ball and H. E. Osborn. 162,613, Mar. 27.
Transformer, Electrical. J. J. Root. 162,689, Mar. 27.
Transparency mount. J. C. Reddig and K. A. Van Dyck. 163,965, July 17.
Transport unit, Refreshment. G. Kilburg. 163,699, June 19.
Trap, Hand. C. J. Gulde. 163,947, July 17.
Tray. J. Cauffiel. 162,285, Mar. 6.

Tray. G. A. Francis. 165,519, Dec. 25.
Tray. L. Peters. 164,945, Oct 23..
Tray and case or similar article, Combination playing card and canasta. H. C. Johnson. 164,862, Oct. 16.
Tray and condiment shakers, Combined. E. Nukanen. 163,706, June 19.
Tray and food containers or similar article, Combined serving. J. C. Baker. 164,892, Oct. 23.
Tray, Ash. F. Sojka. 161,657, Jan. 16.
Tray, Bread. T. Pasta. 164,056, July 24.
Tray, Canister. J. F. Fleming. 164,767, Oct. 9.
Tray, Children's feeding. N. J. Mercer. 162,860, Apr. 10.
Tray, Compartmented refrigerator. E. B. Buckles. 162,931, Apr. 17.
Tray, Compartmented revolving. H. L. Forman. 163,110, May 1.
Tray, Corn. W. H. Youngerman. 163,728, June 19.
Tray, Dashboard. S. Kulwin. 163,954, July 17.
Tray, Desk. J. T. Lewis. 163,463, May 29.
Tray, Filing. R. C. Vorbau. 164,212, Aug. 7.
Tray, Food. E. S. Connell, Jr. 164,551, Sept. 18.
Tray, Garden rule and seed. J. A. Fraim. 161,913, Feb 13.
Tray, Glasswasher. R. E. Newman. 162,432, Mar. 13.
Tray, Lipstick. V. A. White. 165,565, Dec. 25.
Tray, Make-up. C. J. Francois, Jr. 161,914, Feb. 13.
Tray or similar article. H. L. Forman. 163,032, Apr. 24.
Tray or similar article, Dressing. H. O. Sandberg. 162,888, Apr. 10.
Tray, Refrigerated display. M. D. Newburger. 161,956, Feb. 13.
Tray, Serving. W. J. Devitt. 162,632, Mar. 27.
Tray, Serving. G. H. Hart. 161,752, Jan. 30.
Tray, Telephone. S. Chrzanowski. 164,157, Aug. 7.
Tray, nutcracker block, and bowl, Combined. M. Corpora. 162,389, Mar. 13.
Tray. Utility. H. C. Riemann. 165,111, Nov. 6.
Tree holder and coin receptacle, Combined. C. Rose. 164,386, Aug. 28.
Trellis, Flower pot. P. R. Horwitch. 161,930, Feb. 13.
Trellis or similar article, Porch. E. Meierjohan. 164,788, Oct. 9.
Trencher, Hydraulic. J. S. Pilch. 162,873, Apr. 10.
Tricycle. D. R. Boone. 162,622, Mar. 27.
Tricycle and cab, Combined. J. Hsu. 162,540, Mar. 20.
Trim, Automobile. A. J. Kaminski. 161,458, Jan. 2.
Trimmer and lawn edger, Combined hedge. N. C. Norton. 163,474, May 29.
Trimmer, Hair. E. R. Palmer. 161,784, Jan. 30.
Trophy, Award. W. A. Borba. 162,374, Mar. 13.
Trophy, Award. W. A. Borba. 163,246–8, May 15.
Trophy, Award. W. A. Borba. 163,357, May 22.
Trophy cup or similar article. T. H. Jones. 165,333, Dec. 4.
Trophy, Cub Scout. H. Weitlauf. 164,617, Sept. 18.
Trophy or similar article. R. E. Dodge. 164,357, Aug. 28.
Trousers or similar article. W. B. Murphy. 164,706, Oct. 2.
Truck and ladder, Combined hand. P. H. Hoey. 163,604, June 12.
Truck, Automotive. G. U. Brumbaugh. 163,677, June 19.
Truck body, Garbage. E. T. Newell. 164,315, Aug. 21.
Truck body, Utility. J. H. Holan and H. J. Troche. 162,658, Mar. 27.
Truck, Hand. S. D. Lapham. 164,644, Sept. 25.
Truck, Mirror handling. T. M. Sasser. 162,230, Feb. 27.
Truck or the like, Hand. P. V. Lahm. 161,585, Jan. 9.
Truck, Store service. S. N. Goldman. 164,488, Sept. 11.
Tube body, Electronic. O. A. Pearson. 164,944, Oct. 23.
Tube circuit tester, Fluorescent. J. B. Cottell and H. S. Starbuck. 164,763, Oct. 9.
Tumbler. H. H. Soyster. 165,249, Nov. 20.
Tumbler, Drinking. C. O. Bliss. 163,673, June 19.
Tumbler or similar article. C. W. Gustkey. 163,380–2, May 22.
Tumbler or similar article. W. R. Horne. 162,302, Mar. 6.
Tumbler or similar article. C. J. Uhrmann. 163,427, May 22.
Tuner, Antenna. J. M. Hayden. 161,443, Jan. 2.
Turntable unit and lamp, Combined. A. A. Hoffman. 163,605, June 12.
Typewriter, Electric. L. R. Prouty. 165,550, Dec. 25.
Typewriting machine. T. G. Clement. 165,511, Dec. 25.
Typewriting machine. W. J. O'Neil. 162,441, Mar. 13.
U-clamp or similar article. O. M. Moody. 162,058, Feb. 20.
Ukulele. R. H. Crowle and C. E. Jones. 162,521, Mar. 20.
Umbrella. H. Eichenbaum. 165,061, Nov. 6.
Undergarment, Slip-type. E. Darwin. 162,524, Mar. 20.
Urn, Coffee. T. G. Nevell. 164,941, Oct. 23.
Urn, Coffee. R. Wright. 161,604, Jan. 9.
Vacuum bottle closure. W. A. Laird and P. L. Greathead. 164,006, July 24.
Vacuum cleaner or the like. C. D. Harrell. 164,363, Aug. 28.
Vacuum cleaner, Portable. C. Karstadt. 162,312, Mar. 6.
Valance, Window. G. E. Eckert. 162,292, Mar. 6.
Valance, Window. C. B. Stevens. 162,361, Mar. 6.
Valve. H. Allen. 161,989, Feb. 20.
Valve for pressure cookers. W. C. Lueneburg. 162,743, Apr. 3.
Valve, Pressure reducing. H. G. Bissell. 163,672, June 19.
Valve unit for inflating life rafts or the like. T. N. Hannant. 163,948, July 17.
Valve unit for testing and charging refrigeration systems. G. E. Franck. 165,371, Dec. 11.
Vanity. E. Herrmann. 162,026, Feb. 20.
Vaporizer. W. A. Brukoff. 162,930, Apr. 17.
Vaporizer casing and mounting bracket, Combined. I. J. Sacks. 165,028, Oct. 30.
Vaporizer, Deodorant. W. M. Crook. 164,983, Oct. 30.
Vaporizer, Electric chemical. M. P. Glowacki. 161,917–18, Feb. 13.
Vaporizer, Insecticide. J. Laibow. 164,242, Aug. 14.
Vaporizer, Insecticide. F. C. Leitch, L. M. Kissner, J. E. Leitch, and C. C. Chapel. 164,585, Sept. 18.
Vase or similar article, Glass. C. W. Carlson. 165,265–7, Nov. 27.
Vase or similar article, Glass. T. C. Heisey. 163,602, June 12.
Vault, Burial. E. J. Lager. 161,470, Jan. 2.
Vault, Burial. M. L. Wickersham. 161,561, Jan. 2.
Vehicle, Automotive. E. O. Compton. 162,792, Apr. 10.
Vehicle, Automotive. E. O. Compton. 163,511, June 5.
Vehicle, Child's. T. N. Sneed. 162,092, Feb. 20.
Vehicle, Child's pedal. H. Sebel. 164,067, July 24.
Vehicle, Child's push. L. I. Powell. 163,065, Apr. 24.
Vehicle door panel or similar article. J. H. Spence. 165,559, Dec. 25.
Vehicle, Double deck railway. R. A. Meldrum, J. E. Candlin, Jr., and R. W. Haman. 161,486–8, Jan. 2.
Vehicle, Earth moving. R. L. Beyerstedt. 164,895–6, Oct. 23.
Vehicle, Earth moving. R. L. Beyerstedt. 165,320, Dec. 4.
Vehicle, Motor. J. R. Selzer. 163,544, June 5.
Vehicle, Railway. A. M. Proctor. 162,221, Feb. 27.
Vehicle trailer body. J. B. King and E. Chosy. 163,808, July 3.
Velocipede. K. W. Bader. 164,758, Oct. 9.
Velocipede step. W. C. Roe. 163,770, June 26.
Vending machine or similar article, Bottle. F. N. James. 162,544, Mar. 20.
Vending machine or similar article, Coin-operated. H. Leeds. 161,846, Feb. 6.
Ventilator, Electrically operated window. H. P. Fields and B. Kucinski. 162,143, Feb. 27.
Ventilator, Foundation. A. Rendessy. 165,244, Nov. 20.
Ventilator, Hood. L. E. Russell. 162,885, Apr. 10.
Ventilator, Window. F. Se Bastian. 164,139, July 31.
Vessel, Marine. W. Wiggins, Jr. 163,663, June 12.
Vibrating apparatus for treating human bodies. P. Bertholin. 164,091, July 31.
Viewer, Film. F. T. Coffey, Sr. 162,009, Feb. 20.
Viewer, Film. A. L. Henkel. 164,493, Sept. 11.
Viewer, Film. L. Mann. 162,051–3, Feb. 20.
Viewer, Slide. J. R. Miles. 161,856, Feb. 6.
Viewer, Stereoscopic. R. C. Thomas. 161,884, Feb. 6.
Vise or similar article. H. W. Vogl. 164,143, July 31.
Visor, Automobile. H. J. Fauser. 161,436, Jan. 2.
Visor, Automobile sun. R. C. Huntoon. 162,831, Apr. 10.
Visor for automobile headlights. C. Myers. 161,780, Jan. 30.
Wagon. F. P. McGuire and H. J. Oraschuk. 163,401, May 22.
Wagon, Coaster. C. Bakerman. 163,555, June 12.
Wagon, Refrigerator. C. C. and C. A. Hewitt. 162,163, Feb. 27.
Walker-stroller, Child's. M. B. Lorenzana. 165,383, Dec. 11.
Wall desk and magazine rack, Combined. E. A. Farnham. 161,578, Jan. 9.
Wall ornament and mirror, Combined. C. D. White. 164,393, Aug. 28.
Wall panel or similar article. H. C. Soehner. 164,607, Sept. 18.
Wallpaper. J. Seeman. 162,481–4, Mar. 13.
Wallpaper or the like. J. Seeman. 162,237–40, Feb. 27.
Wallpaper or the like. J. Seeman. 162,480, Mar. 13.
Wallpaper or the like. J. Seeman. 162,755, Apr. 3.
Wallpaper or the like. J. Seeman. 163,146, May 1.
Wallpaper or the like. J. Seeman. 163,332, May 15.
Wall plaque for salt and pepper shakers. T. L. Feinberg. 164,562, Sept. 18.
Wall pocket, pin cushion, calendar, and hanger for pot holders, Combined. C. Marona. 162,972, Apr. 17.
Wallet. H. R. Godfrey. 164,769, Oct. 9.
Wallet and calendar, Combined. H. S. Chase. 165,324, Dec. 4.
Wallet and safety chain, Combined. S. Kitzes. 162,422, Mar. 13.
Wallet or similar article. F. G. and S. H. Dobbs. 163,745–8, June 26.
Warming bag or the like. V. L. Stephenson. 161,801, Jan. 30.
Warning device, Portable. S. Reuben, Jr. 165,192, Nov. 13.
Washing machine. J. R. Mango. 164,697, Oct. 2.
Washing machine. W. O. Manley. 162,970, Apr. 17.
Watch. J. Diamond. 163,098, May 1.
Watch. J. Granat. 165,067, Nov. 6.
Watch. B. S. Katz. 162,961, Apr. 17.
Watch. H. Troya. 163,653, June 12.
Watch and identification tag holder, Combination. H. Gibbons. 163,378, May 22.

Watchband. S. Moanfeldt. 162,429, Mar. 13.
Watchband. S. Moanfeldt. 163,893, July 10.
Watch band or similar article. G. G. Toth. 163,494, May 29.
Watchcase. A. J. Geoffrion. 163,859–63, July 10.
Watchcase. J. Granat. 165,152, Nov. 13.
Watchcase and wristband connections therefor, Combined. R. A. Barré. 163,987, July 24.
Watchcase or similar article. F. Warren. 162,263, Feb. 27.
Water faucet aerator. O. W. Holden. 164,422, Sept. 4.
Waterer, Live stock. H. A. and C. V. Saunders. 162,476, Mar. 13.
Weather forecaster. H. R. Lippert. 163,398, May 22.
Welding apparatus, Portable. J. A. Fotie. 161,912, Feb. 13.
Welting, Shoe. C. F. Batchelder, Jr., and L. Withington, Jr. 161,674, Jan. 23.
Whatnot, Flat wall. R. L. Haworth. 161,627, Jan. 16.
Wheel cover member or similar article. G. A. Lyon. 165,180–2. Nov. 13.
Wheel cover or similar article. G. A. Lyon. 165,179, Nov. 13.
Wheel cover or similar article. G. A. Lyon. 165,233–4, Nov. 20.
Wheel cover or similar article. G. A. Lyon. 165,384, Dec. 11.
Wheel cover or similar article. G. A. Lyon. 165,534, Dec. 25.
Wheel, Mine car. R. O. Shive. 163,644, June 12.
Wheel, Safety disk. L. Verderosa. 164,746, Oct. 2.
Wheeled carrier. H. B. Eging. 165,516, Dec. 25.
Whistle or similar article. K. U. Ingard. 164,861, Oct. 16.
Wind and rain shield attachment for automotive vehicles. J. E. Baker. 164,468, Sept. 11.
Wind deflector or similar article. E. F. Gates and O. Elsebusch. 164,231, Aug. 14.
Windshield or the like, Aircraft. R. A. Gaiser and J. H. Boicey. 163,594, June 12.
Wind static discharger for an antenna. F. C. Brewster. 164,353, Aug. 28.
Window for television viewing screens. C. Reynolds, Jr. 161,530, Jan. 2.
Window for television viewing screens. C. Reynolds, Jr. 161,532, Jan. 2.
Window head. R. L. Klein. 162,843, Apr. 10.
Window sill. R. L. Klein. 162,844, Apr. 10.
Window squeegee and mop holder or similar article, Combined. P. W. De Vore. 163,585, June 12.
Window valance. G. E. Eckert. 165,515, Dec. 25.
Wire magazine. E. C. Steinbach. 163,909, July 10.
Wren house. E. R. Hahn and L. Baerman. 161,750, Jan. 30.
Wrench, Adjustable. E. Matthews. 162,856, Apr. 10.
Wrench, Adjustable ratchet. C. Volkheimer. 163,002, Apr. 17.
Wrench for screw-back watchcases. P. A. Petit. 164,512, Sept. 11.
Wrench or similar article, Self-adjusting. J. V. Larson. 164,505, Sept. 11.
Wringer for clothes-washing machine. J. R. Mango. 162,050, Feb. 20.
Wrist attachment for infant's eating utensils. P. Green. 164,684, Oct. 2.
X-ray apparatus. O. C. Hollstein. 163,753, June 26.

1951

LIST OF PLANT INVENTIONS

Apricot tree. D A. Moore. 1,053, Dec. 18.
Azalea plant. A. Veca. 1014, June 5.
Berry plant. F. A. Newberry. 1,031, Aug. 21.
Berry plant. H. C Swim. 1,008, Mar. 20.
Chrysanthemum plant. E. Prushek. 1,020, July 3.
Combined ornamental and fruiting peach tree. H. C. Swim. 1,022, July 24.
Eugenia plant. J. S. Armstrong. 1,037, Sept. 18.
Hybrid tea rose plant. N. Grillo. 1013, June 5.
Hybrid tea rose plant. N. Grillo. 1,043, Oct. 2.
Hybrid tea rose plant. N. Grillo. 1,049, Dec. 4.
Ivy plant. W. S. Hahn. 1,046, Oct. 30.
Nectarine plant. H. C. Swim. 1,023, July 24.
Nectarine tree. F. W. Anderson. 1,035, Sept. 11.
Peach tree. H. F. Smith. 1,021, July 10.
Pear tree. M. A. Cook. 1,044, Oct. 9.
Plum tree. L. Burbank. 1,041, Sept. 25.
Poinsettia plant. P. Ecke. 1,052, Dec. 11.
Poinsettia plant. P. Ecke. 1,055, Dec. 18.
Rose plant. F. H. Axell. 1,007, Mar. 13.
Rose plant. E. S. Boerner. 1,010–11, Apr. 3.
Rose plant. E. S. Boerner. 1,018. June 19.
Rose plant. E. S. Boerner. 1,024–7, Aug. 7.
Rose plant. E. S. Boerner. 1,039–40, Sept. 25.
Rose plant. E. S. Boerner. 1,056, Dec. 25.
Rose plant. E. S. Boerner. 1,057, Dec. 25.
Rose plant. J. D. Brownell. 1,003, Feb. 13.
Rose plant. J. D. Brownell. 1015, June 5.
Rose plant. P. M. Bourne. 1,016, June 12.
Rose plant. G. de Ruiter. 1,045, Oct. 23.
Rose plant. G. De Ruiter. 1,058, Dec. 25.
Rose plant. J. de Vink. 1,032, Aug. 21.
Rose plant. J. de Vink. 1,051, Dec. 11.
Rose plant. C. A. Elmer. 1,002, Jan. 30.
Rose plant. J. Gaujard. 1,017, June 12.
Rose plant. A. P. Howard. 1,047, Oct. 30.
Rose plant. F. H. Howard. 1,006, Feb. 27
Rose plant. P. J. Howard. 1,004, Feb. 13.
Rose plant. P. J. Howard. 1,009, Mar. 20.
Rose plant. W. Kordes. 1,036, Sept. 18.
Rose plant. F. Meilland. 1,001, Jan. 16.
Rose plant. S. Poulsen. 1,050, Dec. 11.
Rose plant. H. Robinson. 1,012, May 22.
Rose plant. P. Shamburger. 1,054, Dec. 18.
Rose plant. F. Spanbauer. 1,048, Nov. 13.
Rose plant. H. C. Swim. 1,028–30, Aug. 7.
Rose plant. H. A. Verschuren. 1,019, July 3.
Rose plant. H. A. M. Verschuren. 1,038, Sept. 18.
Rose plant. M. L. Whisler. 1,042, Oct. 2.
Strawberry plant. O. E. Felten. 1,005, Feb. 27.
Strawberry plant. O. E. Felten. 1,033, Aug. 28.
Veronica plant. M. A. Hall. 1,034, Aug. 28.

1951

LIST OF ABSTRACTS OF APPLICATIONS ARRANGED BY INVENTIONS

This list includes abstracts published in 1950

Abrasive elements. F. Kurath. Ser. No. 58,801, published Apr. 3, 1951.
Accelerator, Electromagnetic. W. M. Brobeck, W. R. Baker, and E. J. Lofgren. Ser. No. 196,048, published Jan. 30, 1951.
Acid extraction of alumina from clays. J. I. Hoffman. Ser. No. 517,221, published Apr. 17, 1951.
Air cleaning machine. A. H. Labastie. Ser. No. 163,984, published June 12, 1951.
Aircraft lighting system for identification. J. Orlansky and J. A. Bromer. Ser. No. 88,472, published July 10, 1951.
Air distributing unit for oil burner heads. P. I. Kooiker. Ser. No. 98,999, published Sept. 11, 1951.
Air distribution outlet. W. W. Kennedy. Des. 149,755, published Feb. 13, 1951.
Alkali metal bicarbonate and chloride, Production of. W. N. Smith. Ser. No. 695,523, published Apr. 3, 1951.
Alloy and use. R. D. Malin. Ser. No. 560,163, published Sept. 25, 1951.
Alloy article, Tarnish resistant magnesium-base. P. F. George. Ser. No. 119,753, published Jan. 23, 1951.
Aluminum-zirconium alloy. R. H. Harrington. Ser. No. 18,483, published Jan. 23, 1951.
Amplifier, High gain direct current. N. I. Korman and C. A. Rosencrans. Ser. No. 681,176, published May 15, 1951.
Amplifier, Superregenerative. D. Richman. Ser. No. 15,245, published Nov. 27, 1951.
Amplifier utilizing a cathode follower stage, Selective radio frequency. A. E. Hudson. Ser. No. 15,585, published Oct. 2, 1951.
Apparatus for catalytic cracking. L. F. Strader and W. S. Gullette. Ser. No. 620,808, published Apr. 24, 1951.
Apparatus for measuring ultra-high frequency energy. J. E. Hill. Ser. No. 601,425, published Mar. 20, 1951.
Arc back protection for electronic tubes. L. S. Lappin. Ser. No. 135,879, published Aug. 7, 1951.
Area moving target indication. A. S. Jenson. Ser. No. 161,661, published Nov. 20, 1951.
Aromatic nitriles, Production of. J. E. Mahan and S. D. Turk. Ser. No. 120,606, published June 5, 1951.
Aryl sulfonyl chloride couplers and use in photographic emulsion layers. I. F. Salminen and A. Weissberger. Ser. No. 774,890, published Apr. 24, 1951.
Asymmetrically conductive device. T. H. Kinman. Ser. No. 65,305, published Dec. 18, 1951.
Aureomycin salts. J. F. Weidenheimer and L. Ritter. Ser. No. 83,780, published Sept. 18, 1951.
Automatically reversible gear pump. D. W. Lynch and D. H. Kirke. Ser. No. 68,614, published Dec. 4, 1951.
Auxiliary detonator. R. G. Ferris. Ser. No. 473,149, published Aug. 7, 1951.
Bakery products, Yeast-raised. W. C. Griffin. Ser. No. 85,260, published Oct. 9, 1951.
Bleaching process. N. J. Stalter. Ser. No. 591,864, published Apr. 3, 1951.
Bottom discharge valve. H. J. Kandiner. Ser. No. 44,213, published May 8, 1951.
Buffing means for electromagnetic device. E. T. McCurry and J. A. Oppel. Ser. No. 90,412, published Mar. 20, 1951.
Building framework. H. S. Shannon. Ser. No. 678,637, published July 31, 1951.
Capacitors, Stabilized electric. F. M. Clark. Ser. No. 775,782, published Jan. 30, 1951.
Carbide body having a soft metal insert, Cemented. R. F. Parker. Ser. No. 711,040, published Mar. 27, 1951.
Carbon disulfide, Manufacture of. S. P. Robinson. Ser. No. 651,293, published June 19, 1951.
Cargo anchoring device. R. L. Weir and H. E. Spencer. Ser. No. 74,643, published Apr. 10, 1951.
Cathode follower circuit. C. M. Hammack. Ser. No. 546,069, published Dec. 4, 1951.
Cathodic electrical grounding. E. Kun. Ser. No. 16,373, published Feb. 20, 1951.
Cellulosic fabrics, Crush-proofing. D. D. Gagliardi and A. C. Nuessle. Ser. No. 187,825, published Aug. 14, 1951.
Cemented carbide boring bar. H. E. York. Ser. No. 729,189, published June 5, 1951.
Chain control mechanism, Adjustable. W. H. Roberts. Ser. No. 113,780, published Nov. 6, 1951.
Chewing gum compositions. W. M. Bruner. Ser. No. 94,753, published Jan. 2, 1951.
Chloromethanes, Production of. P. L. Magill. Ser. No. 673,140, published July 17, 1951.
Circuit breaker operating means. R. R. Bush and R. Paxton. Ser. No. 613,506, published Jan. 30, 1951.
Circuit for dual selsyn servo, Control. R. E. Meagher. Ser. No. 613,179, published Sept. 25, 1951.
Circuit for high-pressure gaseous discharge device, Starting and operating. H. I. Becker. Ser. No. 151,616, published Dec. 18, 1951.
Circuits, Electric wave forming. W. A. Bentley. Ser. No. 721,564, published Mar. 20, 1951.
Circuits, Multiple frequency filter. A. Schmidt, Jr. Ser. No. 132,876, published Mar. 6, 1951.
Circuits, Static phase shifting. E. L. Phillipi. Ser. No. 97,060, published Apr. 10, 1951.
Circuits, Transistor amplifying. E. W. Herold. Ser. No. 68,347, published May 22, 1951.
Clutch or the like, Magnetic. K. M. Feiertag. Ser. No. 158,564, published May 1, 1951.
Communication system. I. H. Sudman. Ser. No. 540,589, published May 1, 1951.
Complex compounds of uranium and alpha substituted beta diketones. H. I. Schlesinger and H. C. Brown. Ser. No. 643,460, published Oct. 9, 1951.
Complexes of uranium and fluoro substituted beta diketones. H. I. Schlesinger and H. C. Brown. Ser. No. 611,220, published Mar. 6, 1951.
Composition of matter effective to cause the release of adrenocortiocotrophic hormone from the pituitary. D. M. Hume. Ser. No. 159,648, published Nov. 27, 1951.
Conductor seal and bushing, Vacuum-tight insulated. E. T. Grant. Ser. No. 53,494, published Mar. 20, 1951.
Contact brush. J. M. Rhoades. Ser. No. 175,977, published July 10, 1951.
Continuous production of water gas. L. L. Newman. Ser. No. 625,919, published May 22, 1951.
Control of nickel carbonate precipitation. L. D. Craig. Ser. No. 741,235, published Aug. 21, 1951.
Controlling and stopping synthetic rubber polymerizations. R. F. Dunbrook, R. L. Bebb, and J. N. Street. Ser. No. 767,360, published Mar. 13, 1951.
Conversion of frequency modulated signals. C. N. Gillespie. Ser. No. 685,589, published Sept. 25, 1951.
Converting nitriles into the corresponding acid amides. J. F. Couch and C. F. Krewson. Ser. No. 63,432, published Mar. 6, 1951.
Core blower. R. T. Leisk. Ser. No. 20,212, published Feb. 6, 1951.
Core composition. L. Pessel. Ser. No. 677,639, published Apr. 3, 1951.
Core, Powdered magnetic. H. T. Faus. Ser. No. 105,906, published Apr. 10, 1951.
Corner unit for installation in kitchen cabinets and the like. R. Patten. Ser. No. 9,835, published May 1, 1951.
Coupling circuit. E. Kadak. Ser. No. 781,536, published Sept. 4, 1951.
Cross-over water extraction structure. G. B. Warren. Ser. No. 137,217, published Oct. 2, 1951.
Cutter bar assembly for a mower. V. O. Hauswirth. Ser. No. 102,057, published Dec. 18, 1951.
Detector, Vacuum tube leak. E. G. Linder. Ser. No. 90,331, published Feb. 27, 1951.
Dewatering fine coal. B. W. Gandrud. Ser. No. 687,051, published Sept. 4, 1951.
Dishwashing machine or the like. J. F. Young. Ser. No. 134,472, published May 15, 1951.
Door construction, Refrigerator. G. C. Harbison. Ser. No. 137,133, published Nov. 13, 1951.
Drive assembly for automatic washing machines. H. E. Stocking. Ser. No. 81,044, published May 29, 1951.
Drying gelatin. R. A. Clarke. Ser. No. 792,801, published Feb. 6, 1951.
Dust-proof garment bag. C. M. Carson. Ser. No. 762,154, published July 31, 1951.
Dyeing pelts, hairs and feathers. A. Weissberger. Ser. No. 88,685, published Nov. 6, 1951.
Dynamoelectric machine. G. Angst. Ser. No. 78,934, published Mar. 27, 1951.
Electric dressing table. D. L. Clark. Ser. No. 774,717, published Nov. 27, 1951.
Electrical apparatus. J. S. Allen. Ser. No. 666,025, published Aug. 21, 1951.

Electrical apparatus. H. K. Clark, J. D. Kraus, and W. D. McGuigan. Ser. No. 668,198, published Jan. 16, 1951.
Electrical apparatus. T. J. Keary. Ser. No. 651,303, published May 1, 1951.
Electrical apparatus. R. V. Pound and H. F. Webster. Ser. No. 648,525, published Feb. 20, 1951.
Electrical condensers, Manufacture of. H. R. Davidson. Ser. No. 65,722, published May 22, 1951.
Electrical phase angle measurement. G. W. Gray. Ser. No. 134,777, published Mar. 27, 1951.
Electrical wave filter. S. J. Griffin. Ser. No. 658,941, published Nov. 13, 1951.
Electrode assemblies. A. F. Benning and M. K. Richards. Ser. No. 601,116, published Sept. 4, 1951.
Electrode handling apparatus. F. A. Newcombe. Ser. No. 552,769, published Feb. 27, 1951.
Electrolytic method of dehalogenating organic halogenides. R. Ehrenfeld. Ser. No. 762,873, published May 22, 1951.
Electromagnet with plunger. J. W. McClain. Ser. No. 735,485, published Jan. 2, 1951.
Electromagnetic relays. J. I. Bellamy. Ser. No. 687,629, published Nov. 13, 1951.
Electromagnetic yoke shield. G. L. Grundmann and G. Bergson. Ser. No. 84,272, published July 17, 1951.
Electron discharge device circuit. E. R. Shank. Ser. No. 642,481, published May 15, 1951.
Fabric of oxidized cellulose, Web. J. R. Caldwell. Ser. No. 19,881, published Apr. 24, 1951.
Filler cap. E. Kaiser and H. G. Reed. Ser. No. 78,028, published Nov. 6, 1951.
Filtering latex. E. Schmidt. Ser. No. 650,090, published Jan. 23, 1951.
Flameproofing compositions. R. W. Little. Ser. No. 61,695, published Aug. 14, 1951.
Flexible floor mounting. A. H. Morey. Ser. No. 183,961, published Dec. 18, 1951.
Flooring. A. W. Earl. Ser. No. 770,500, published July 31, 1951.
Flow measuring device. J. L. Schad. Ser. No. 167,824, published Aug. 21, 1951.
Formation of acetals to separate oxygenated compounds from Fischer-Tropsch products. J. S. Cromeans. Ser. No. 43,202, published Nov. 20, 1951.
Frequency divider. K. Schlesinger. Ser. No. 703,513, published Feb. 13, 1951.
Gain-control circuit. R. E. Meagher. Ser. No. 578,767, published Mar. 6, 1951.
Gain control for radar receivers. H. C. Allen and C. C. Martinelli. Ser. No. 585,414, published May 22, 1951.
Gas turbine apparatus. H. L. Bansbach and C. L. Sadler, Jr. Ser. No. 40,824, published Sept. 4, 1951.
Gas turbine apparatus. J. F. Chalupa. Ser. No. 771,343, published Feb. 13, 1951.
Gas turbine apparatus. G. M. Mierley. Ser. No. 780,355, published Feb. 13, 1951.
Gas turbine apparatus. H. B. Saldin. Ser. No. 3,040, published Apr. 10, 1951.
Gas turbine apparatus. I. R. Whiteman. Ser. No. 129,006, published Feb. 6, 1951.
Generation of gas, Continuous. L. L. Newman. Ser. No. 687,542, published Jan. 23, 1951.
Gland packing material. R. R. Wisner. Ser. No. 680,259, published May 15, 1951.
Glass fibers, Colored. R. Steinman. Ser. No. 754,282, published Apr. 10, 1951.
Glass to metal seals. M. Manners and J. H. Partridge. Ser. No. 709,432, published May 29, 1951.
Halogenated dielectric composition containing sulphur. H. F. Miller and R. G. Flowers. Ser. No. 760,010, published Feb. 27, 1951.
Heated roll for use in bookbinding. R. E. Fogg and H. J. Haon. Ser. No. 44,144, published May 29, 1951.
Heating by high frequency electromagnetic fields, Method and apparatus for. R. B. Nelson. Ser. No. 784,619, published July 10, 1951.
High Q circuit-elements. W. D. Hershberger. Ser. No. 25,542, published Sept. 18, 1951.
High voltage regulator. J. H. Wiens. Ser. No. 7,052, published June 12, 1951.
Hinge construction. C. W. Bugbee, S. E. Crick, J. R. Gustafson, and T. W. Stephenson. Ser. No. 790,892, published Dec. 4, 1951.
Hitch for reverse operation of tractor. G. G. Spokely. Ser. No. 99,751, published Nov. 13, 1951.
Humidity sensitive means. C. F. Wallace. Ser. No. 742,997, published Apr. 17, 1951.
Hydrocarbon oxidation. C. W. Perry. Ser. No. 121,229, published Nov. 20, 1951.
Illumination of area surrounding cathode ray tube. A. V. Bedford. Ser. No. 83,652, published Feb. 20, 1951.
Impedance matching section for coaxial line. W. W. Salisbury and F. A. Record. Ser. No. 609,657, published Aug. 28, 1951.
Impedance transforming receptacle. J. H. Roe. Ser. No. 602,445, published Nov. 6, 1951.
Improving the reversal or secondary exposure of reversible color film. S. T. Gross. Ser. No. 620,178, published Aug. 28, 1951.
Insect repellent. H. A. Jones. Ser. No. 70,141, published Aug. 14, 1951.
Insect repellents. P. D. Bartlett and S. Siegel. Ser. No. 70,814, published Jan. 9, 1951.
Insect repellents. N. L. Drake and C. M. Eaker. Ser. No. 70,392, published Jan. 9, 1951.
Insect repellents. N. L. Drake and S. Melamed. Ser. No. 70,382, published Jan. 9, 1951.
Insect repellents. N. L. Drake and W. J. Shenk. Ser. No. 70,388, published Jan. 9, 1951.
Insect repellents. N. L. Drake and W. J. Shenk. Ser. No. 70,390, published Jan. 9, 1951.
Insect repellents. M. S. Newman and B. J. Magerlein. Ser. No. 68,046, published Jan. 9, 1951.
Insect repellents. M. S. Newman and W. B. Wheatley. Ser. No. 68,042, published Jan. 9, 1951.
Insulated electrical conductors. N. L. Hewitt. Ser. No. 760,455, published Apr. 24, 1951.
Insulating material and making same, Electrical. E. B. McMillan. Ser. No. 715,138, published Mar. 6, 1951.
Insulator support. S. F. Nielssen. Ser. No. 777,056, published May 29, 1951.
Ironing apparatus. R. E. Sheahan. Ser. No. 104,295, published Feb. 20, 1951.
Joint structure. V. Civkin. Ser. No. 557,796, published Oct. 2, 1951.
Keyed automatic gain control systems. K. R. Wendt. Ser. No. 731,139, published May 8, 1951.
Kinescopes, Projection. H. French. Ser. No. 72,366, published May 15, 1951.
Low resistance contact member or material. E. R. Coutant. Ser. No. 136,385, published July 10, 1951.
Lubricant and using same, High pressure. L. K. Schuster and H. G. Krutzke. Ser. No. 37,498, published Nov. 20, 1951.
Magnetic core. R. L. Ten Broeck. Ser. No. 137,143, published June 19, 1951.
Magnetic core, Making a. J. J. Vienneau. Ser. No. 655,960, published Nov. 27, 1951.
Magnetron circuit. H. C. Early. Ser. No. 651,311, published Aug. 21, 1951.
Manufacturing permanent alkaline writing ink. M. S. Kantrowitz and E. J. Gosnell. Ser. No. 17,363, published Apr. 10, 1951.
Measuring apparatus, Pressure. G. W. Monk. Ser. No. 785,216, published Mar. 13, 1951.
Metal working. W. Dinse, L. M. Headley, and J. Kudrich. Ser. No. 734,280, published May 1, 1951.
Metallic titanium, Production of. L. Aagaard. Ser. No. 129,305, published Aug. 14, 1951.
Method and apparatus for liquid transfer. J. A. Klacsmann. Ser. No. 621,848, published Apr. 24, 1951.
Method and composition of matter for removing mercury from metal structures. M. Kilpatrick. Ser. No. 637,491, published Jan. 30, 1951.
Micro-wave frequency discriminators. L. D. Smullin. Ser. No. 52,229, published Apr. 17, 1951.
Mining apparatus. F. Cartlidge. Ser. No. 137,403, published Aug. 14, 1951.
Mixing tool. C. R. Sebens. Ser. No. 189,017, published Dec. 4, 1951.
Moisture separation device for elastic fluid turbine. P. H. Knowlton, Jr. Ser. No. 133,199, published June 5, 1951.
Molding compounds, Plastics. R. V. Williamson, T. F. Clark, T. R. Naffziger, and E. C. Lathrop. Ser. No. 590,105, published Apr. 10, 1951.
Mounting means for head-lamps. F. O. Wisman and R. J. Reek. Ser. No. 730,960, published Mar. 20, 1951.
Mountings, Closure. A. A. Soderquist. Ser. No. 605,415, published Mar. 13, 1951.
N-tertiary butyl-n'-secondary alkyl-p-phenylenediamines. H. Von Bramer and A. C. Ruggles. Ser. No. 649,770, published Nov. 27, 1951.
Neptunium metal and its preparation. S. Fried. Ser. No. 717,706, published Sept. 18, 1951.
Neptunium oxyhalide, Making. S. Fried. Ser. No. 771,705, published Nov. 13, 1951.
Neutralization and purification of slurries produced by acid digestion of magnesium silicate ore. J. C. Johnson and F. S. Riordan, Jr. Ser. No. 724,694, published Apr. 17, 1951.
Nickel chloride tetrahydrate bodies, Manufacture of. W. J. Harshaw. Ser. No. 739,259, published Feb. 27, 1951.
Nonaqueous dentifrice composition. G. J. King. Ser. No. 168,857, published Aug. 21, 1951.
Non-ink receptive support for planographic printing plates. C. H. Van Dusen, Jr. Ser. No. 35,427, published Sept. 4, 1951.
Nozzles for liquids, Atomizing. K. V. Smith and S. Way. Ser. No. 709,918, published July 31, 1951.
Object holding and positioning means. O. L. Noftsinger. Ser. No. 697,592, published Apr. 3, 1951.
1,2-dodecanediol, Preparation of. D. Swern and G. N. Billen. Ser. No. 675,120, published July 17, 1951.
1,2-tetradecanediol, Preparation of. D. Swern and G. N. Billen. Ser. No. 675,121, published Aug. 14, 1951.
Opener, Can. R. C. Mechem. Ser. No. 125,513, published Apr. 17, 1951.
Operating spinner type washing machine to prevent suds lock. F. A. Rosenkrans. Ser. No. 2,013, published May 8, 1951.
Optical system for oscillographs. K. R. Geiser. Ser. No. 79,531, published July 17, 1951.

Organic compounds, Manufacture of highly fluorinated. E. T. McBee and L. R. Evans. Ser. No. 658,214, published May 8, 1951.
Oscillator frequency controls. D. G. Marlow. Ser. No. 115,308, published Jan. 30, 1951.
Package. J. E. Snyder. Ser. No. 22,329, published July 31, 1951.
Panel, Molded pre-wired. S. C. Mader. Ser. No. 144,555, published June 12, 1951.
Paper, Recording. A. Murray. Ser. No. 790,115, published Nov. 13, 1951.
Parachute, Guide surface. H. G. Heinrich. Ser. No. 783,883, published Aug. 21, 1951.
Permanent spray booth coating and method of removing dried paint films from spray booth surfaces. A. W. Liger. Ser. No. 150,557, published Nov. 20, 1951.
Phenolic coating composition and process. H. Schwartzberg. Ser. No. 713,087, published Dec. 18, 1951.
Phosphorus containing metal soaps. H. M. Olson. Ser. No. 23,637, published May 29, 1951.
Photographic material, Diazo type. H. T. Galley. Ser. No. 737,711, published July 17, 1951.
Photographic test pattern. D. H. Castle. Ser. No. 694,537, published May 1, 1951.
Photometer sample cell. A. H. Canada. Ser. No. 126,645, published Aug. 14, 1951.
Pipe and holding means therefor, Drill. J. C. Siegle. Ser. No. 782,584, published Apr. 10, 1951.
Pipe coupler. R. M. Scott. Ser. No. 154,296, published Apr. 24, 1951.
Plotting linkage. W. R. Hunt. Ser. No. 51,781, published May 1, 1951.
Plug locking device. W. R. Dupree. Ser. No. 141,459, published May 29, 1951.
Pole shader. W. A. Seigel. Ser. No. 732,605, published Mar. 13, 1951.
Polyvinyl chloride pneumatic tire inner tube. C. F. Ruebensaal and E. H. Sorg. Ser. No. 538,244, published Nov. 6, 1951.
Preparations and process for making fast dyeings. W. Widmar, A. Heckendorn, and F. Schuetz. Ser. No. 31,606, published Mar. 20, 1951.
Preventing deterioration of grain in storage. T. E. Stivers, Jr., and S. F. Brockington. Ser. No. 46,214, published June 19, 1951.
Printing device, Hand. S. Rosen. Ser. No. 622,105, published May 1, 1951.
Producing light weight aggregate from clays. H. P. Hamlin and T. A. Klinefelter. Ser. No. 51,842, published Mar. 20, 1951.
Products comprising expanded perlite. E. D. Zoradi. Ser. No. 664,682, published Jan. 16, 1951.
Projectile. C. E. Hablutzel. Ser. No. 543,005, published Feb. 13, 1951.
Propeller, Reversible. M. E. Cushman. Ser. No. 172,090, published Nov. 13, 1951.
Propulsion means for vehicles. A. G. Simson. Ser. No. 637,758, published Mar. 13, 1951.
Pulp and paper, Cellulosic. H. F. Miller. Ser. No. 634,282, published Apr. 17, 1951.
Pulse modulation system. G. H. Huber. Ser. No. 721,438, published Apr. 10, 1951.
Pump for hydraulic governing system, Turbine type. H. N. Hoffman. Ser. No. 129,490, published May 8, 1951.
Punch and die mechanism. P. D'Agostine. Ser. No. 32,140, published Apr. 3, 1951.
Radar system. L. H. Lynn. Ser. No. 180,945, published Nov. 6, 1951.
Radiation detecting device. M. J. E. Golay. Ser. No. 24,636, published Mar. 27, 1951.
Radio frequency coaxial switch. F. M. Wrightson. Ser. No. 623,419, published Aug. 28, 1951.
Radio wave polarization device. G. L. Fernsler. Ser. No. 792,146, published Aug. 28, 1951.
Recording. R. D. Huntoon. Ser. No. 80,703, published June 19, 1951.
Refrigerating system, Two-range. W. E. Dodson. Ser. No. 152,455, published May 8, 1951.
Regulators, Electric. H. S. Holbrook. Ser. No. 159,069, published Oct. 2, 1951.
Relay with reversible contacts. J. Wurgler and R. A. Kohlhepp. Ser. No. 68,544, published Jan. 2, 1951.
Removal of photographically active ingredients from proteins. R. E. Damschroder. Ser. No. 36,405, published June 5, 1951.
Removing arsenic from copper and arsenic containing slag, Process and apparatus. H. C. Kenny. Ser. No. 706,246, published Jan. 16, 1951.
Rotor winding, Special two-pole. C. A. Thomas and E. Klomp. Ser. No. 136,192, published Dec. 18, 1951.
Sander, Electric. C. I. Hall. Ser. No. 85,643, published June 5, 1951.
Screw driver. C. M. Cambern. Ser. No. 688,651, published Sept. 11, 1951.
Selective hydrogenation of acetylene. G. C. Ray. Ser. No. 32,541, published Nov. 20, 1951.
Separation of isotopes. A. Langer and W. E. Stephens. Ser. No. 357,386, published Mar. 6, 1951.
Sheet material, Structural. P. G. Dorrler. Ser. No. 57,860, published May 8, 1951.
Ship propulsion unit and ship propulsion. R. L. Burke. Ser. No. 83,116, published Oct. 2, 1951.
Sighting devices, Binocular. R. W. Wengel. Ser. No. 708,373, published Apr. 3, 1951.
Signal display systems, Colored. F. H. Nicoll. Ser. No. 127,669, published Mar. 6, 1951.
Single side band modulator. B. E. Watt. Ser. No. 652,185, published Aug. 28, 1951.
Snap action valve. L. W. Atchison. Ser. No. 759,556, published Feb. 13, 1951.
Sodium phytate as a stabilizer of hydrous oxide colloids. C. Wohlberg. Ser. No. 17,122, published May 22, 1951.
Sprayer. G. S. Rippey. Ser. No. 80,752, published July 31, 1951.
Sprig planter. P. M. Browning and D. Wheatley. Ser. No. 141,804, published July 17, 1951.
Stabilization. G. E. P. Smith and H. E. Albert. Ser. No. 71,033, published Dec. 4, 1951.
Stabilization of GR–S with stannous phenol sulfides. G. E. P. Smith and H. E. Albert. Ser. No. 789,142, published June 19, 1951.
Stamps, Hand. W. C. Aberth. Ser. No. 131,967, published Apr. 10, 1951.
Strength testing device for sheet material. A. M. Labounsky. Ser. No. 656,466, published Sept. 11, 1951.
Suction cleaner end cap. A. P. Cawl and D. D. Arey. Ser. No. 112,188, published Dec. 4, 1951.
Superregenerator. J. C. Tellier. Ser. No. 662,418, published Nov. 20, 1951.
Swaged cable clamp. W. J. Gilmore. Ser. No. 681,272, published Jan. 2, 1951.
Switching device, Electromagnetic. P. H. Estes. Ser. No. 794,298, published Feb. 20, 1951.
Synthetic resinous and rubberlike materials. W. C. Mast, C. E. Rehberg, and C. H. Fisher. Ser. No. 595,869, published Jan. 9, 1951.
Tape, Insulating. H. W. Orr. Ser. No. 786,703, published Aug. 28, 1951.
Tape, Mending. C. E. Bacon. Ser. No. 666,651, published Apr. 10, 1951.
Tape reels for magnetic recordings. H. W. Lindsay. Ser. No. 82,691, published Nov. 6, 1951.
Telegraph system. F. R. Welch. Ser. No. 693,610, published June 12, 1951.
Telephone system providing for music transmission at carrier frequencies, Multichannel carrier. J. C. Stewart. Ser. No. 547,747, published Mar. 6, 1951.
Telephone systems, Multi-channel carrier. T. S. Skillman. Ser. No. 771,009, published July 31, 1951.
Telephone unit, Dial. R. Blain. Ser. No. 660,383, published Jan. 23, 1951.
Temperature control circuit. B. W. Squier. Ser. No. 749,845, published Aug. 7, 1951.
Terminal connector. A. G. Elmendorf. Ser. No. 733,354, published Feb. 27, 1951.
Testing electronic tubes, Process and apparatus for. T. Podbielniak. Ser. No. 111,922, published Sept. 11, 1951.
Thermal control for heating devices. W. R. Weeks. Ser. No. 65,938, published Sept. 25, 1951.
Thermostat. S. R. Barr. Ser. No. 25,579, published Mar. 27, 1951.
Thorium compounds, Preparing. A. S. Newton and O. Johnson. Ser. No. 787,850, published Oct. 9, 1951.
Tool for screws and the like fastening devices, Driving. C. M. Cambern. Ser. No. 688,650, published Sept. 11, 1951.
Torque wrench. O. A. Keser. Ser. No. 110,918, published Sept. 18, 1951.
Tractor transported mixing device. G. Vlaich. Ser. No. 168,769, published Dec. 18, 1951.
Transducer, Electroacoustic. W. H. Martin. Ser. No. 704,389, published Mar. 27, 1951.
Transmitting system, Wave-signal. C. J. Hirsch. Ser. No. 667,263, published Nov. 6, 1951.
Treating foods. R. F. Cohee. Ser. No. 174,793, published Sept. 18, 1951.
Treating polymeric materials. W. M. D. Bryant. Ser. No. 691,180, published May 22, 1951.
Treatment of weighting agents for drilling fluids. M. D. Nelson and C. S. Kuhn. Ser. No. 9,327, published May 22, 1951.
Trifluoro 2,4 diketones. H. I. Schlesinger and H. C. Brown. Ser. No. 662,600, published Mar. 6, 1951.
Tuning arrangement for cavity resonators, Electronic. E. D. McArthur. Ser. No. 133,620, published Mar. 6, 1951.
Turbine apparatus. J. L. Geist. Ser. No. 75,140, published Feb. 27, 1951.
Turbine apparatus. A. S. King and T. C. Bottema. Ser. No. 609,580, published Aug. 7, 1951.
Turbine apparatus. E. F. Miller. Ser. No. 682,768, published Aug. 14, 1951.
Turbine apparatus. A. S. Thompson. Ser. No. 783,729, published Jan. 30, 1951.
Turbine arrangement, Tandem compound double-flow. A. D. Somes. Ser. No. 134,204, published Aug. 7, 1951.
Turbine, Elastic fluid reversing. J. H. Doran. Ser. No. 135,943, published June 5, 1951.
Turbine power plant. M. F. Pierpoline and R. W. Ashe. Ser. No. 45,044, published Sept. 11, 1951.
Turbine supplied with superheated and reheated steam. E. A. Zetterquist. Ser. No. 49,750, published Aug. 28, 1951.

Underfloor duct junction box. J. H. Martin. Ser. No. 172,165, published Nov. 6, 1951.
Valve actuator for steam flatirons, Automatic. J. W. McNairy. Ser. No. 76,018, published Apr. 17, 1951.
Vaporizer, Oil. W. B. Burford. Ser. No. 668,254, published May 29, 1951.
Vessel and closure. L. E. Tufts. Ser. No. 651,287, published Apr. 3, 1951.
Vitamin A ethers and preparation. J. D. Cawley. Ser. No. 616,658, published Feb. 6, 1951.
Voltage regulator. G. S. P. Scantlebury. Ser. No. 564,840, published Aug. 21, 1951.
Wall cabinet. R. Patten. Ser. No. 692,763, published Dec. 18, 1951.
Welding of laminated core. G. E. Stack. Ser. No. 131,029, published Dec. 18, 1951.
Wool bleaching. D. J. Campbell. Ser. No. 164,625, published Mar. 6, 1951.
Yeast propagation. N. Porges, T. K. Bloch, and G. S. King. Ser. No. 726,945, published Jan. 16, 1951.

1951

LIST OF DISCLAIMERS ARRANGED BY INVENTIONS

Accumulating apparatus. Arthur H. Dickinson. No. 2,402,989; date of patent July 2, 1946; disclaimer filed Mar. 20, 1951; v. 645; p. 1054.

Advancing reel. William G. Esmond. No. 2,459,270; date of patent Jan. 18, 1949; disclaimer filed May 18, 1951; v. 648; p. 328.

Air conditioning apparatus. Edward R. Wolfert. No. 2,296,822; date of patent Sept. 22, 1942; disclaimer filed Feb. 16, 1951; v. 644; p. 951.

Alternating current generator. Carl S. Roys. No. 2,460,714; date of patent Feb. 1, 1949; disclaimer filed Jan. 20, 1951; v. 643; p. 696.

Amplifier of the magnetron type. William C. Brown. No. 2,509,419; date of patent May 30, 1950; disclaimer filed Aug. 6, 1951; v. 650; p. 336.

Anode for strapped magnetrons. Arnold T. Nordsieck. No. 2,463,416; date of patent Mar. 1, 1949; disclaimer filed Oct. 3, 1951; v. 651; p. 1268.

Anti-rachitic vitamin. Adolf Windaus and Friedrich Schenck. No. 2,099,550; date of patent Nov. 16, 1937; disclaimer filed June 30, 1951; v. 649; p. 10.

Assembly for driving clutches, brakes, and the like and method of making the same. Thomas L. Fawick. No. 2,251,445; date of patent Aug. 5, 1941; disclaimer filed Nov. 18, 1950; v. 642; p. 1014.

Automatic sample collector. Paul Hadley Bell. No. 2,493,382; date of patent Jan. 3, 1950; disclaimer filed Feb. 10, 1951; v. 644; p. 344.

Barrel truck. Roe C. Hawkins. No. 2,150,503; date of patent Mar. 14, 1939; disclaimer filed July 18, 1951; v. 649; p. 326.

Batt-covered sheets, method and apparatus for. Charles Hepner. No. 2,493,968; date of patent Jan. 10, 1950; disclaimer filed Apr. 11, 1951; v. 646; p. 350.

Bottle carrier. Joseph L. Lyons, Jr. No. 2,339,278; date of patent Jan. 18, 1944; disclaimer filed Oct. 12, 1951; v. 652; p. 315.

Bottle carrier. Joseph L. Lyons, Jr. No. 2,393,114; date of patent Jan. 15, 1946; disclaimer filed Oct. 12, 1951; v. 652; p. 315.

Boundary layer air control. Clifford C. Jones. No. 2,078,854; date of patent Apr. 27, 1937; disclaimer filed Oct. 17, 1951; v. 652; p. 641.

Brake beam. Charles R. Busch. No. 2,490,205; date of patent Dec. 6, 1949; disclaimer filed Oct. 6, 1951; v. 652; p. 14.

Brake beam. Charles R. Busch. No. 2,493,913; date of patent Jan. 10, 1950; disclaimer filed Mar. 15, 1951; v. 645; p. 357.

Burner control system and control means therefor. Ernst Witzel. No. 2,506,403; date of patent May 2, 1950; disclaimer filed Apr. 6, 1951; v. 646; p. 350.

Carbon oxides, Hydrogenation of. Alfred J. Millendorf. No. 2,445,795; date of patent July 27, 1948; disclaimer filed June 5, 1951; v. 649; p. 11.

Catalysis. John W. Teter. No. 2,330,640; date of patent Sept. 28, 1943; disclaimer filed Dec. 2, 1950; v. 642; p. 9.

Cathode-ray tube circuit. Kurt Schlesinger. No. 2,458,532; date of patent Jan. 11, 1949; disclaimer filed Nov. 3, 1951; v. 653; p. 299.

Centrifugal extractor. Edward M. Borg. No. 2,409,341; date of patent Oct. 15, 1946; disclaimer filed Feb. 12, 1951; v. 644; p. 344.

Coaxial line seal. Ilia E. Mouromtseff and George M. Dinnick. No. 2,394,398; date of patent Feb. 5, 1946; disclaimer filed Jan. 31, 1951; v. 643; p. 1063.

Coin-actuated control and change delivery mechanism. Melvin W. Powell. No. 2,564,719; date of patent Aug. 21, 1951; disclaimer filed Aug. 31, 1951; v. 651; p. 312.

Collapsible carrier and display carton for bottles. Joseph L. Lyons, Jr. No. 2,296,937; date of patent Sept. 29, 1942; disclaimer filed Oct. 12, 1951; v. 652; p. 315.

Color television. Henry Kasperowicz. No. 2,508,267; date of patent May 16, 1950; disclaimer filed Sept. 28, 1951; v. 652; p. 14.

Control means for helicopters. Russell R. Hays. No. 2,418,407; date of patent Apr. 1, 1947; disclaimer filed Nov. 28, 1950; v. 642; p. 9.

Conveyer. Corey C. Brayton. No. 2,545,134; date of patent Mar. 13, 1951; disclaimer filed June 20, 1951; v. 648; p. 1288.

Corn harvester. Edward J. Schaff and Edwin F. Greedy. No. 2,434,124; date of patent Jan. 6, 1948; disclaimer filed Sept. 28, 1951; v. 652; p. 14.

Coupling arrangement for use in wave transmission systems. Warren A. Tyrrell. No. 2,410,114; date of patent Oct. 29, 1946; disclaimer filed Apr. 12, 1951; v. 646; p. 1065.

Cracking oil with aerogel catalysts. Kenneth K. Kearby. No. 2,469,733; date of patent May 10, 1949; disclaimer filed Dec. 2, 1950; v. 642; p. 9.

Craft control apparatus. John C. Newton. No. 2,429,642; date of patent Oct. 28, 1947; disclaimer filed Jan. 25, 1951; v. 643; p. 1063.

Dehydro-sterol compounds and manufacture thereof. Adolf Windaus and Friedrich Schenck. No. 2,098,984; date of patent Nov. 16, 1937; disclaimer filed Jan. 30, 1951; v. 643; p. 1063.

Discharge lamp circuit. Edward C. Dench. No. 2,200,443; date of patent May 14, 1940; disclaimer filed June 14, 1951; v. 648; p. 328.

Drive for forge hammers. Thomas W. Howlett. No. 2,549,604; date of patent Apr. 17, 1951; disclaimer filed Nov. 23, 1951; v. 653; p. 888.

Electric steam iron. Edward P. Schreyer. No. 2,475,572; date of patent July 5, 1949; disclaimer filed May 1, 1951; v. 647; p. 13.

Electric switch. David D. Beveridge, Jr. No. 2,420,768; date of patent May 20, 1947; disclaimer filed June 15, 1951; v. 649; p. 11.

Electrical receptacle. Benjamin C. Webster. No. 2,447,676; date of patent Aug. 24, 1948; disclaimer filed Dec. 12, 1950; v. 642; p. 380.

Electrical system. Karl J. Stiefel. No. 2,415,116; date of patent Feb. 4, 1947; disclaimer filed June 27, 1951; v. 649; p. 11.

Electron discharge device employing cavity resonators. Rohn Truell. No. 2,506,752; date of patent May 9, 1950; disclaimer filed Oct. 4, 1951; v. 652; p. 14.

Electron discharge device employing hollow resonator. Leonard Francis Broadway and Albert Horace Atherton. No. 2,508,141; date of patent May 16, 1950; disclaimer filed Feb. 1, 1951; v. 644; p. 344.

Electrotransducer and method of making same. Charles K. Gravley. No. 2,479,926; date of patent Aug. 23, 1949; disclaimer filed Sept. 26, 1951; v. 652; p. 14.

End stop for slide fasteners. Alfred E. Carlile. No. 2,460,124; date of patent Jan. 25, 1949; disclaimer filed May 12, 1951; v. 647; p. 695.

Facsimile synchronizing device. Austin G. Cooley. No. 2,492,621; date of patent Dec. 27, 1949; disclaimer filed Jan. 9, 1951; v. 643; p. 8.

Fastening device. Richard M. Storer. No. 2,503,305; date of patent Apr. 11, 1950; disclaimer filed Oct. 8, 1951; v. 652; p. 641.

Flare signal. Louis L. Driggs, Jr., and Henry B. Faber. No. 1,947,834; date of patent Feb. 20, 1934; disclaimer filed Jan. 22, 1951; v. 643; p. 338.

Flocculation and mixing apparatus. Ralph B. Carter, Jr. No. 2,499,816; date of patent Mar. 7, 1950; disclaimer filed Sept. 5, 1951; v. 651; p. 312.

Fluorescent lamp starter. Charles H. Hodgkins. No. 2,400,353; date of patent May 14, 1946; disclaimer filed June 14, 1951; v. 648; p. 328

Fluorescent lamp starter. Roy M. Smith and John R. Steegstra. No. 2,355,476; date of patent Aug. 8, 1944; disclaimer filed June 14, 1951; v. 648; p. 328.

Folding bottle carrying carton. Joseph L. Lyons, Jr. No. 2,239,564; date of patent Apr. 22, 1941; disclaimer filed Oct. 12, 1951; v. 652; p. 315.

Formation testing apparatus. Lloyd Spencer. No. 2,092,337; date of patent Sept. 7, 1937; disclaimer filed Mar. 1, 1951; v. 644; p. 951.

Frequency and phase modulation detector. Harold Goldberg. No. 2,483,195; date of patent Sept. 27, 1949; disclaimer filed June 6, 1951; v. 649; p. 326.

Frequency modulated pulse radio locating system. Irving Wolff. No. 2,433,804; date of patent Dec. 30, 1947; disclaimer filed June 7, 1951; v. 648; p. 328.

Frequency modulation of klystrons. Norman Charles Barford. No. 2,464,549; date of patent Mar. 15, 1949; disclaimer filed Apr. 17, 1951; v. 647; p. 13.

Gaseous relay device. Robert Fred Hays, Jr. No. 2,228,210; date of patent Jan. 7, 1941; disclaimer filed June 14, 1951; v. 648; p. 328.

Grid structure for electron discharge devices. Simeon Weston. No. 2,459,859; date of patent Jan. 25, 1949; disclaimer filed Mar. 9, 1951; v. 645; p. 1054.

Gun perforator. Whitman D. Mounce. No. 2,264,450; date of patent Dec. 2, 1941; disclaimer filed Aug. 9, 1951; v. 650; p. 336.
High frequency transmission system. William E. Bradley. No. 2,485,031; date of patent Oct. 18, 1949; disclaimer filed Sept. 28, 1951; v. 652; p. 14.
Ignition system. Gregor L. Lang. No. 2,497,307; date of patent Feb. 14, 1950; disclaimer filed July 18, 1951; v. 649; p. 326.
Latch. George E. Curtiss, Jr. No. 2,451,380; date of patent Oct. 12, 1948; disclaimer filed Aug. 28, 1951; v. 651; p. 312.
Lead extension. John H. Thornbery. No. 2,328,111; date of patent Aug. 31, 1943; disclaimer filed Apr. 6, 1951; v. 646; p. 17.
Leather processing. George M. Argabrite. No. 2,102,667; date of patent Dec. 21, 1937; disclaimer filed Mar. 27, 1951; v. 646; p. 701.
Liquid extraction press. Edward M. Borg. No. 2,427,186; date of patent Sept. 9, 1947; disclaimer filed Feb. 12, 1951; v. 644; p. 344.
Liquid level control. David M. Comb. No. 2,477,511; date of patent July 26, 1949; disclaimer filed Feb. 5, 1951; v. 644; p. 9.
Liquid operated pump. Clarence J. Coberly. No. 2,081,220; date of patent May 25, 1937; disclaimer filed June 4, 1951; v. 648; p. 328.
Low freezing oxidant. Walter E. Lawson. No. 2,403,932; date of patent July 16, 1946; disclaimer filed Feb. 8, 1951; v. 644; p. 344.
Magnetic field investigation, Apparatus for. Albert W. Hull. No. 2,468,554; date of patent Apr. 26, 1949; disclaimer filed June 21, 1951; v. 648; p. 1288.
Magneto. Gustave D. Cerf. No. 2,500,345; date of patent Mar. 14, 1950; disclaimer filed Oct. 4, 1951; v. 651; p. 1268.
Magnetron. John P. Blewett. No. 2,428,612; date of patent Oct. 7, 1947; disclaimer filed Aug. 23, 1951; v. 652; p. 641.
Marginal and column stop control mechanism and correlated indicator guides for imprinting machines. Clifton King Rainey. No. 2,492,887; date of patent Dec. 27, 1949; disclaimer filed Dec. 26, 1950; v. 642; p. 1250.
Material packaging. Nels H. Petersen. No. 2,476,623; date of patent July 19, 1949; disclaimer filed Apr. 13, 1951; v. 647; p. 13.
Means for controlling stretch in stretch-wrapping. William S. Cloud. No. 2,514,028; date of patent July 4, 1950; disclaimer filed Nov. 30, 1951; v. 653; p. 888.
Measuring short time intervals, Apparatus for. Maurice Moise Levy. No. 2,419,576; date of patent Apr. 29, 1947; disclaimer filed Mar. 16, 1951; v. 645; p. 1054.
Merchandise handler. Ellis D. Turnham. No. 2,242,408; date of patent May 20, 1941; disclaimer filed Apr. 16, 1951; v. 646; p. 350.
Microphone. Francis Cheyney Beekley. No. 2,350,010; date of patent May 30, 1944; disclaimer filed Feb. 16, 1951; v. 644; p. 666.
Mower attachment for tractors. William G. Spurlin. No. 2,502,805; date of patent Apr. 4, 1950; disclaimer filed Jan. 16, 1951; v. 643; p. 338.
New amino-derivatives of dioxa-cyclopentane. Ernest Fourneau. No. 2,445,393; date of patent July 20, 1948; disclaimer filed Nov. 8, 1951; v. 653; p. 604.
1,3,5-tris(isopropenyl) benzene. Charles H. McKeever and John O. Van Hook. No. 2,542,551; date of patent Feb. 20, 1951; disclaimer filed July 19, 1951; v. 650; p. 14.
Optical glass. William H. Armistead. No. 2,435,995; date of patent Feb. 17, 1948; disclaimer filed Nov. 20, 1951; v. 653; p. 888.
Organo-silicon esters and materials treated therewith. Arthur J. Barry. No. 2,405,988; date of patent Aug 20, 1946; disclaimer filed June 20, 1951; v. 648; p 1288.
Picture projecting device. Clarence L. Stephens. No. 2,146,237; date of patent Feb. 7, 1939; disclaimer filed Aug. 13, 1951; v. 650; p. 336.
Pipe-line stopper. McDonald D. Smith and Gorham F. Freer. No. 2,482,696; date of patent Sept. 20, 1949; disclaimer filed May 31, 1951; v. 648; p. 328.
Polishing method and apparatus. Arthur H. Eppler. No. 2,462,480; date of patent Feb. 22, 1949; disclaimer filed May 19, 1951; v. 649; p. 11.
Pressure controlling apparatus. Win W. Paget. No. 2,484,848; date of patent Oct. 18, 1949; disclaimer filed Mar. 21, 1951; v. 645; p. 1054.
Pulse echo system. Donald E. Norgaard. No. 2,465,113; date of patent Mar. 22, 1949; disclaimer filed May 29, 1951; v. 650; p. 14.
Radio position determining system. James E. Hawkins. No. 2,513,315; date of patent July 4, 1950; disclaimer filed Oct. 16, 1951; v. 652; p. 315.
Razor. Jacob L. Kleinman. Re. No. 22,638; date of patent Apr. 24, 1945; disclaimer filed May 16, 1951; v. 647; p. 695.
Reaction product and process of making same. Carleton Ellis. No. 2,033,131; date of patent Mar. 10, 1936; disclaimer filed Aug. 1, 1951; v. 650; p. 336.
Rearview mirror for motor vehicles. Carlton G. Koonter. No. 2,533,475; date of patent Dec. 12, 1950; disclaimer filed July 16, 1951; v. 649; p. 326.
Refrigerant flow control means. Harold T. Lange. No. 2,443,581; date of patent June 15, 1948; disclaimer filed Nov. 1, 1950; v. 642; p. 1014.
Refrigerator door latch. George E. Curtiss, Jr. No. 2,451,381; date of patent Oct. 12, 1948; disclaimer filed Aug. 28, 1951; v. 651; p. 312.
Rotary abrading tool. Elisha W. Hall. No. 2,462,741; date of patent Feb. 22, 1949; disclaimer filed Jan. 22, 1951; v. 643; p. 696.
Rubber-like products and preparation thereof. Arnold J. Morway. No. 2,364,382; date of patent Dec. 5, 1944; disclaimer filed Aug. 1, 1951; v. 650; p. 14.
Separable connector. Julian Rogoff. No. 2,449,251; date of patent Sept. 14, 1948; disclaimer filed Apr. 12, 1951; v. 646; p. 1065.
Shortstopping agent for emulsion polymerizations. Louis H. Howland and James A. Reynolds. No. 2,556,651; date of patent June 12, 1951; disclaimer filed Sept. 12, 1951; v. 651; p. 1268.
Shutter. Lemual G. Brown. No. 2,359,289; date of patent Oct. 3, 1944; disclaimer filed May 18, 1951; v. 647; p. 1009.
Signal transmission system. William E. Bradley. No. 2,484,798; date of patent Oct. 11, 1949; disclaimer filed Dec. 21, 1950; v. 642; p. 1250.
Sink rim. John F. Brown. No. 2,514,740; date of patent July 11, 1950; disclaimer filed June 29, 1951; v. 649; p. 11.
Speed controlled centrifugal valve. Otto E. Hintz, Jr. No. 2,477,983; date of patent Aug. 2, 1949; disclaimer filed Apr. 27, 1951; v. 647; p. 13.
Stabilization of iodine in animal and poultry feeds. Clarence Walter Whitmoyer and William James Moore. No. 2,382,193; date of patent Aug. 14, 1945; disclaimer filed May 16, 1951; v. 647; p. 1009.
Stabilizing cracked distillate. Paul H. Carnell. No. 2,560,632; date of patent July 17, 1951; disclaimer filed Oct. 17, 1951; v. 653; p. 604.
Stocking manufacture, Method of. Clifford P. Kaler. No. 2,528,371; date of patent Oct. 31, 1950; disclaimer filed Dec. 28, 1950; v. 642; p. 1014.
Suction box cover. George R. Wadleigh. No. 2,487,202; date of patent Nov. 8, 1949; disclaimer filed Jan. 13, 1951; v. 643; p. 696.
Super-regenerative receiver circuits. Winfield R. Koch. No. 2,410,981; date of patent Nov. 12, 1946; disclaimer filed Mar. 13, 1951; v. 645; p. 1054.
Thermoelectric safety shutoff device. Henry F. Alfery. No. 2,321,119; date of patent June 8, 1943; disclaimer filed Apr. 6, 1951; v. 646; p. 17.
Tunable electron discharge device. Erich N. Kather. No. 2,529,950; date of patent Nov. 14, 1950; disclaimer filed Sept. 29, 1951; v. 652; p. 14.
Ultra high frequency control system. Milan D. Fiske and Chauncey G. Suits. No. 2,413,963; date of patent Jan. 7, 1947; disclaimer filed June 14, 1951; v. 649; p. 10.
Universal gyroscope-suspension system. Harry W. Phair. No. 2,469,782; date of patent May 10, 1949; disclaimer filed Oct. 22, 1951; v. 652; p. 910.
Vapor-electric device. William E. Pakala. No. 2,490,087; date of patent Dec. 6, 1949; disclaimer filed Nov. 7, 1951; v. 653; p. 299.
Vehicle. John Nicol. No. 2,233,323; date of patent Feb. 25, 1941; disclaimer filed Feb. 27, 1951; v. 644; p. 951.
Wave transmitting system. Milan D. Fiske and James M. Lafferty. No. 2,407,068; date of patent Sept. 3, 1946; disclaimer filed June 14, 1951; v. 649; p. 10.
Window. Edmund Peremi and Louis Toth. No. 2,077,808; date of patent Apr. 20, 1937; disclaimer filed June 16, 1951; v. 648; p. 975.
Window. Edmund Peremi and Louis Toth. No. 2,084,776; date of patent June 22, 1937; disclaimer filed June 16, 1951; v. 648; p. 975.
Window construction. Edmund Peremi and Louis Toth. Re. No. 23,045; date of patent Oct. 19, 1948; disclaimer filed June 16, 1951; v. 648; p. 975.
Window construction. Edmund Peremi and Louis Toth. No. 2,084,355; date of patent June 22, 1937; disclaimer filed June 16, 1951; v. 648; p. 975.
Window construction. Edmund Peremi and Louis Toth. No. 2,257,123; date of patent Sept. 30, 1941; disclaimer filed June 16, 1951; v. 648; p. 975.
Window construction. Edmund Peremi and Louis Toth. No. 2,304,063; date of patent Dec. 8, 1942; disclaimer filed June 16, 1951; v. 648; p. 975.
Wrapping armor wire on energized conductors, Method and apparatus for. Henry W. Bodendieck. No. 2,414,136; date of patent Jan. 14, 1947; disclaimer filed Dec. 7, 1950; v. 642; p. 380.
Xanthine and methylated xanthines, Method of preparing. Kenneth N. Campbell and Barbara K. Campbell. No. 2,523,496; date of patent Sept. 26, 1950; disclaimer filed Feb. 7, 1951; v. 645; p. 357.

1951

DECISIONS PUBLISHED IN THE OFFICIAL GAZETTE

Abrams, In re. 648 O. G. 663.
Application filed Nov. 16, 1945. In re. 646 O. G. 5.
Arnold, In re. 643 O. G. 333.
Ashman, In re. 648 O. G. 8.
Asseff et al. *v.* Marzall, Commissioner of Patents. 647 O. G. 327.
Bendersky, In re. 648 O. G. 668.
Bersworth, In re. 650 O. G. 628.
Bronstein, In re. 647 O. G. 339.
Coey et al., In re. 651 O. G. 301.
Coleman et al., In re. 650 O. G. 926.
Craige, Jr., In re. 650 O. G. 324.
Craige, Jr., In re. 650 O. G. 326.
Craige, Jr., In re. 650 O. G. 328.
Cresswell, In re. 647 O. G. 9.
Dalton et al., In re. 647 O. G. 335.
Davis et al., In re. 650 O. G. 12.
De Vaney, In re. 644 O. G. 339.
Diamond *v.* Woodyard et al. 645 O. G. 5.
Drisch et al., In re. 651 O. G. 11.
Durdin, Augustus C., III *v.* Nordell. 651 O. G. 295.
Eiane, In re. 651 O. G. 9.
Field, Crosby, In re. 649 O. G. 323.
Foster, Mulford B., Ex parte. 647 O. G. 1005.
Franz et al., In re. 651 O. G. 15.
Great Atlantic and Pacific Tea Company, The, *v.* Supermarket Equipment Corporation, substituted for Evelyn B. Bradley and Joe Weingarten. 642 O. G. 5.
Greider et al., In re. 645 O. G. 352.
Greider et al., In re. 647 O. G. 7.
Groat *v.* Shuttleworth. 650 O. G. 920.
Heltzer, In re. 650 O. G. 917.
Heritage, In re. 643 O. G. 1059.
Jorgensen *v.* Shaff. 650 O. G. 621.
Josserand, In re. 649 O. G. 621.
Kamlet, In re. 644 O. G. 5.
Kittleson, Ex parte. 643 O. G. 5.
Kleinman *v.* Steinbach. 647 O. G. 329.
Kropa *v.* Robie et al. 646 O. G. 1401.
Kurzen *v.* Marzall, Commissioner of Patents. 646 O. G. 16.
Larkin, In re. 647 O. G. 341.
Laurent, In re. 645 O. G. 721.
Learned *v.* Thompson. 651 O. G. 1263.
Lifton, In re. 650 O. G. 330.
Lockhart, In re. 651 O. G. 299.
Lockhart, Marshall L., In re. 648 O. G. 971.
Maurer *v.* Simpson et al. 652 O. G. 5.
Maxwell et al., In re. 650 O. G. 5.
McCane *v.* Mims. 646 O. G. 5.
Montgomery et al. *v.* Marzall, Commissioner of Patents. 646 O. G. 345.
Muskat et al., In re. 647 O. G. 332.
Newton, In re. 646 O. G. 1059.
Otis *v.* Marzall, Commissioner of Patents. 646 O. G. 693.
Pappas et al., In re. 644 O. G. 945.
Patrick, In re. 650 O. G. 8.
Peterson, In re. 650 O. G. 922.
Pines *v.* McAllister. 650 O. G. 624.
Ranney *v.* Bridges. 647 O. G. 687.
Ratti, In re. 650 O. G. 930.
Richards, In re. 646 O. G. 1406.
Riggs, In re. 650 O. G. 924.
Ronay *v.* Hediger. 650 O. G. 319.
Sherwin-Williams Co. et al. *v.* Marzall, Commissioner of Patents. 647 O. G. 328.
Simpson et al. *v.* Maurer. 652 O. G. 5.
Simpson et al. *v.* Neracher et al. 652 O. G. 5.
Simpson et al. *v.* Patterson et al. 652 O. G. 5.
Smyth, In re. 651 O. G. 5.
Strain, In re. 648 O. G. 5.
Sullivan, In re. 648 O. G. 666.
Tamarin, In re. 646 O. G. 697.
Tate, In re. 651 O. G. 15.
United States *v.* United States Gypsum Co. et al. 642 O. G. 703.
Van Yzeren, In re. 643 O. G. 691.
Wagner, Ex parte. 642 O. G. 1009.
Webersinn, deceased, In re. (United Chromium, Inc., assignee). 651 O. G. 955.
Wheeler, Jr. *v.* Linton. 645 O. G. 351.
Williams, In re. 649 O. G. 912.
Yuan, Shao Wen, In re. 648 O. G. 967.
Zabel et al., In re. 644 O. G. 664.

SMITHSONIAN INSTITUTION LIBRARIES
3 9088 01585 1637